

# ANNEX 12

Stresses due to combination SILS,  
maximum  $M_x$  considering  $K=\infty$

Elemento	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	-279.90	-688.40	-994.98	-102.60	-55.61	-1071.94
2	0.47	0.55	17.16	-67.72	48.53	-315.03	-53.02	-37.03	-349.37
3	0.47	-0.55	17.16	-7.62	342.49	-127.11	-11.73	-44.79	-87.78
4	0.47	-1.65	17.16	-13.52	419.23	-131.40	44.16	-78.45	46.17
5	1.40	1.65	17.16	-293.88	-680.04	-1016.74	-148.64	-32.40	-1062.53
6	1.41	0.55	17.16	-92.32	50.36	-331.50	-99.21	-31.85	-337.15
7	1.41	-0.55	17.16	-37.63	332.68	-144.98	-52.89	-51.08	-78.75
8	1.40	-1.65	17.16	-43.75	396.41	-154.85	8.82	-86.53	59.11
9	2.33	1.65	17.16	-326.37	-655.55	-1064.90	-191.20	-34.82	-1021.55
10	2.34	0.55	17.16	-147.19	43.28	-381.40	-149.79	-66.08	-309.59
11	2.34	-0.55	17.16	-99.87	300.21	-195.93	-101.82	-95.53	-70.47
12	2.33	-1.65	17.16	-98.91	349.73	-200.87	-34.55	-120.00	62.29
13	3.26	1.65	17.16	-438.03	-618.37	-1222.23	-237.83	-137.43	-919.57
14	3.28	0.55	17.16	-300.08	-0.91	-564.36	-218.37	-229.74	-275.10
15	3.28	-0.55	17.16	-249.54	216.01	-364.98	-169.85	-251.85	-82.54
16	3.26	-1.65	17.16	-215.80	260.67	-326.36	-97.20	-227.73	30.26
17	4.19	1.65	17.16	-775.75	-632.39	-1819.32	-325.45	-653.11	-758.10
18	4.22	0.55	17.16	-676.40	-172.79	-1206.15	-334.04	-792.69	-293.79
19	4.22	-0.55	17.16	-586.39	6.93	-915.01	-276.63	-730.22	-166.83
20	4.19	-1.65	17.16	-468.13	81.34	-718.15	-195.16	-565.44	-89.55
21	5.13	1.65	17.16	-1593.44	-1359.93	-6467.92	-520.78	-2551.74	-829.77
22	5.15	0.55	17.16	-1484.92	-1029.74	-5453.27	-516.68	-2505.80	-584.16
23	5.15	-0.55	17.16	-1277.12	-761.97	-4396.17	-434.88	-2131.23	-471.16
24	5.13	-1.65	17.16	-980.19	-513.35	-3265.15	-337.10	-1595.57	-395.99
25	6.06	1.65	17.16	-1190.01	-1845.52	-10770.90	-156.14	788.71	-485.72
26	6.09	0.55	17.16	-974.49	-1545.38	-9093.92	-227.25	596.65	-505.05
27	6.09	-0.55	17.16	-789.80	-1218.09	-7300.64	-267.33	441.02	-508.91
28	6.06	-1.65	17.16	-618.27	-880.73	-5414.13	-283.82	302.85	-499.63
29	6.99	1.65	17.16	-4875.62	-1908.30	-6538.73	-1200.09	5173.96	-10.32
30	7.03	0.55	17.16	-4114.78	-1534.90	-5451.94	-1087.37	4277.85	-203.65
31	7.03	-0.55	17.16	-3366.27	-1167.54	-4363.36	-1011.34	3394.75	-330.44
32	6.99	-1.65	17.16	-2624.18	-801.84	-3258.24	-966.28	2511.72	-397.14
33	7.92	1.65	17.16	-2252.38	-834.46	-1323.61	-1132.34	1841.23	-22.47
34	7.96	0.55	17.16	-1954.23	-636.64	-1093.55	-1085.71	1512.37	-88.96
35	7.96	-0.55	17.16	-1665.88	-451.26	-880.85	-1048.93	1201.29	-131.18
36	7.92	-1.65	17.16	-1384.08	-271.42	-674.44	-1019.10	899.38	-154.56
37	8.85	1.65	17.16	-991.28	-552.99	-529.20	-1030.48	804.08	37.91
38	8.90	0.55	17.16	-908.24	-413.77	-437.18	-1029.66	659.96	9.35
39	8.90	-0.55	17.16	-832.37	-282.47	-352.84	-1021.47	525.38	-8.75
40	8.85	-1.65	17.16	-760.60	-155.57	-271.52	-1005.47	396.54	-19.12
41	9.78	1.65	17.16	-347.34	-394.09	-237.37	-904.74	374.26	77.14
42	9.84	0.55	17.16	-364.24	-297.97	-195.82	-926.92	307.91	64.56
43	9.84	-0.55	17.16	-387.63	-205.61	-158.66	-934.87	246.03	56.65
44	9.78	-1.65	17.16	-413.85	-116.20	-123.20	-929.11	187.22	51.93
45	10.72	1.65	17.16	-26.47	-291.27	-128.24	-771.18	170.44	100.48
46	10.77	0.55	17.16	-84.93	-229.30	-105.78	-801.93	140.86	96.40
47	10.77	-0.55	17.16	-149.73	-168.40	-85.83	-817.85	113.19	93.88
48	10.72	-1.65	17.16	-217.02	-109.07	-66.77	-819.48	87.00	92.23
49	11.65	1.65	17.16	118.04	-219.61	-83.45	-636.85	57.69	117.45
50	11.71	0.55	17.16	47.82	-184.93	-68.73	-667.72	48.12	118.83
51	11.71	-0.55	17.16	-28.26	-150.23	-55.53	-686.25	39.36	119.85
52	11.65	-1.65	17.16	-106.85	-116.08	-42.80	-692.78	31.28	120.26
53	12.58	1.65	17.16	159.54	-168.80	-60.76	-501.06	-14.62	137.23
54	12.65	0.55	17.16	93.77	-156.15	-49.61	-527.34	-11.15	142.36
55	12.65	-0.55	17.16	23.12	-143.36	-39.27	-545.15	-7.26	145.86
56	12.58	-1.65	17.16	-50.00	-130.58	-29.14	-554.60	-3.00	147.66
57	13.51	1.65	17.16	136.26	-131.43	-35.27	-356.82	-63.85	175.10
58	13.59	0.55	17.16	85.11	-137.40	-27.13	-375.80	-49.78	182.47
59	13.59	-0.55	17.16	30.42	-143.78	-19.22	-390.97	-35.54	187.10
60	13.51	-1.65	17.16	-26.31	-149.84	-11.18	-402.23	-20.83	189.03
61	14.44	1.65	17.16	69.44	-96.63	29.42	-190.14	-88.04	276.98
62	14.52	0.55	17.16	41.16	-121.38	30.86	-200.10	-63.06	282.97
63	14.52	-0.55	17.16	10.91	-146.78	32.89	-211.43	-37.29	285.69
64	14.44	-1.65	17.16	-20.80	-171.28	35.07	-224.49	-12.16	284.96
65	0.48	1.65	15.47	-611.16	-1122.51	-2510.01	-62.03	-183.15	-1895.92
66	0.48	0.55	15.47	-439.16	-888.59	-1210.71	-37.51	-168.34	-1139.76
67	0.48	-0.55	15.47	-341.05	-546.91	-630.52	-14.90	-177.99	-612.80
68	0.48	-1.65	15.47	-278.65	-247.44	-427.88	5.42	-208.87	-316.21
69	1.44	1.65	15.47	-660.37	-1144.72	-2600.97	-56.53	-215.34	-1885.77
70	1.44	0.55	15.47	-505.93	-897.97	-1292.81	-49.28	-227.58	-1126.74
71	1.44	-0.55	15.47	-407.01	-557.72	-710.98	-50.86	-247.00	-605.80
72	1.44	-1.65	15.47	-332.25	-264.50	-509.48	-49.81	-266.36	-311.79
73	2.40	1.65	15.47	-749.21	-1160.20	-2787.80	-27.70	-308.10	-1834.29
74	2.41	0.55	15.47	-619.27	-899.03	-1483.55	-61.61	-365.69	-1097.24
75	2.41	-0.55	15.47	-513.08	-566.69	-892.56	-100.48	-387.74	-608.99
76	2.40	-1.65	15.47	-412.89	-287.94	-664.14	-122.38	-374.16	-334.78
77	3.35	1.65	15.47	-867.83	-1162.58	-3222.51	17.63	-526.39	-1718.41
78	3.37	0.55	15.47	-751.72	-897.07	-1950.01	-83.78	-645.35	-1060.17
79	3.37	-0.55	15.47	-627.47	-586.29	-1317.95	-170.42	-647.75	-645.65
80	3.35	-1.65	15.47	-494.85	-330.89	-990.96	-217.83	-562.92	-412.83
81	4.31	1.65	15.47	-879.70	-1176.47	-4381.11	59.64	-861.58	-1528.76
82	4.33	0.55	15.47	-749.01	-930.81	-3145.96	-119.06	-1025.46	-1040.63
83	4.33	-0.55	15.47	-615.47	-654.23	-2355.02	-247.22	-978.03	-743.03
84	4.31	-1.65	15.47	-483.29	-417.14	-1753.87	-316.94	-796.92	-572.93
85	5.27	1.65	15.47	-160.42	-1001.96	-5604.90	109.71	-262.15	-1214.77
86	5.30	0.55	15.47	-47.77	-829.41	-4425.57	-109.23	-493.74	-986.46
87	5.30	-0.55	15.47	-20.38	-623.50	-3453.02	-257.40	-533.72	-842.70
88	5.27	-1.65	15.47	-46.17	-428.12	-2555.05	-342.72	-462.79	-758.06
89	6.23	1.65	15.47	147.81	-785.90	-5760.02	-17.35	1041.62	-909.37
90	6.26	0.55	15.47	191.84	-691.68	-4736.52	-140.97	696.37	-892.86
91	6.26	-0.55	15.47	161.16	-556.34	-3756.79	-229.62	453.19	-871.52
92	6.23	-1.65	15.47	85.76	-409.22	-2784.81	-277.34	267.96	-853.50
93	7.19	1.65	15.47	-3.19	-556.46	-4744.31	87.16	2102.23	-569.62
94	7.22	0.55	15.47	24.86	-521.18	-3947.92	23.41	1680.85	-647.80
95	7.22	-0.55	15.47	22.49	-450.97	-3154.49	-27.50	1282.39	-687.77
96	7.19	-1.65	15.47	-1.49	-365.62	-2358.62	-56.60	899.54	-702.45
97	8.15	1.65	15.47	-1346.93	-500.27	-3015.05	-86.59	2467.62	-225.30
98	8.19	0.55	15.47	-1125.11	-463.55	-2508.12	-76.58	2023.96	-328.37
99	8.19	-0.55	15.47	-912.73	-407.14	-2013.11	-75.75	1588.50	-389.79

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]
100	8.15	-1.65	15.47	-708.12	-341.19	-1524.30	-76.64	1159.21	-418.93
101	9.10	1.65	15.47	-1278.38	-300.87	-1481.86	-187.76	1667.22	-24.60
102	9.15	0.55	15.47	-1083.58	-287.27	-1232.64	-164.44	1375.38	-96.56
103	9.15	-0.55	15.47	-894.66	-263.01	-995.31	-152.53	1090.54	-140.53
104	9.10	-1.65	15.47	-710.66	-233.30	-765.88	-146.18	811.24	-162.79
105	10.06	1.65	15.47	-965.57	-192.79	-804.98	-239.38	1044.09	105.48
106	10.11	0.55	15.47	-830.39	-190.31	-670.73	-220.72	867.05	61.04
107	10.11	-0.55	15.47	-699.70	-182.00	-544.07	-210.36	694.61	33.02
108	10.06	-1.65	15.47	-572.69	-170.34	-423.02	-204.33	526.19	17.82
109	11.02	1.65	15.47	-657.28	-127.43	-483.01	-252.12	626.12	192.82
110	11.08	0.55	15.47	-574.79	-132.10	-402.49	-241.67	524.51	168.79
111	11.08	-0.55	15.47	-496.03	-133.53	-326.84	-236.07	425.92	152.93
112	11.02	-1.65	15.47	-420.22	-132.70	-254.93	-232.83	330.02	143.36
113	11.98	1.65	15.47	-411.08	-84.20	-320.64	-236.36	350.27	259.45
114	12.04	0.55	15.47	-366.80	-94.68	-266.00	-233.09	297.79	249.85
115	12.04	-0.55	15.47	-325.75	-103.14	-214.41	-232.26	247.59	242.86
116	11.98	-1.65	15.47	-287.17	-109.83	-165.19	-232.40	199.20	237.55
117	12.94	1.65	15.47	-226.57	-52.07	-220.83	-201.69	164.62	324.13
118	13.00	0.55	15.47	-207.95	-67.59	-180.26	-203.29	145.78	324.52
119	13.00	-0.55	15.47	-192.13	-81.65	-141.33	-206.19	128.91	323.70
120	12.94	-1.65	15.47	-178.48	-94.15	-103.68	-209.49	113.40	321.22
121	13.90	1.65	15.47	-91.25	-25.24	-121.64	-159.59	36.50	405.21
122	13.97	0.55	15.47	-89.91	-44.21	-92.27	-163.50	42.95	412.64
123	13.97	-0.55	15.47	-90.71	-62.43	-63.47	-168.61	51.10	415.63
124	13.90	-1.65	15.47	-93.41	-79.30	-34.98	-174.09	60.40	414.07
125	14.85	1.65	15.47	3.30	-1.19	39.25	-133.86	-59.26	515.28
126	14.93	0.55	15.47	-8.91	-20.68	52.34	-137.43	-31.68	527.40
127	14.93	-0.55	15.47	-22.54	-39.63	65.93	-141.99	-1.43	532.79
128	14.85	-1.65	15.47	-36.97	-57.57	79.35	-147.45	28.46	531.27
129	0.49	1.65	13.78	-454.41	-575.43	-3129.80	-17.37	-226.48	-1615.26
130	0.49	0.55	13.78	-404.05	-673.95	-2033.57	-17.47	-231.68	-1360.59
131	0.49	-0.55	13.78	-348.92	-575.64	-1260.63	-16.91	-241.19	-1035.07
132	0.49	-1.65	13.78	-292.23	-374.81	-748.44	-18.33	-253.26	-817.25
133	1.48	1.65	13.78	-445.38	-583.21	-3267.27	20.54	-252.07	-1596.36
134	1.48	0.55	13.78	-406.87	-676.87	-2167.01	1.47	-284.69	-1346.72
135	1.48	-0.55	13.78	-354.66	-579.00	-1388.27	-20.33	-305.26	-1030.02
136	1.48	-1.65	13.78	-295.95	-381.23	-866.08	-38.96	-311.57	-820.22
137	2.46	1.65	13.78	-406.75	-581.08	-3508.05	72.89	-275.79	-1542.08
138	2.47	0.55	13.78	-382.72	-667.18	-2413.27	25.77	-347.50	-1315.64
139	2.47	-0.55	13.78	-336.56	-572.91	-1619.90	-23.06	-380.00	-1026.54
140	2.46	-1.65	13.78	-280.16	-386.00	-1063.38	-59.40	-376.78	-837.12
141	3.45	1.65	13.78	-289.69	-561.14	-3900.05	135.31	-247.58	-1439.51
142	3.46	0.55	13.78	-276.60	-640.06	-2826.27	57.77	-367.72	-1263.01
143	3.46	-0.55	13.78	-244.71	-555.82	-2002.63	-18.46	-418.50	-1024.99
144	3.45	-1.65	13.78	-206.36	-390.66	-1374.76	-70.94	-412.21	-868.65
145	4.43	1.65	13.78	-22.26	-495.71	-4287.34	199.06	29.56	-1277.26
146	4.45	0.55	13.78	-21.69	-567.24	-3263.81	103.31	-152.87	-1173.69
147	4.45	-0.55	13.78	-24.03	-505.27	-2418.83	8.52	-256.16	-1010.24
148	4.43	-1.65	13.78	-34.35	-378.91	-1713.41	-54.25	-294.24	-897.89
149	5.42	1.65	13.78	116.96	-417.22	-4418.41	238.23	533.58	-1065.16
150	5.44	0.55	13.78	116.30	-475.97	-3496.25	151.83	278.62	-1035.88
151	5.44	-0.55	13.78	101.21	-442.33	-2676.64	62.54	95.51	-953.73
152	5.42	-1.65	13.78	69.92	-362.64	-1937.38	3.61	-28.14	-886.54
153	6.40	1.65	13.78	72.68	-318.15	-4145.05	280.25	1080.96	-797.41
154	6.43	0.55	13.78	103.69	-370.17	-3370.01	210.25	774.43	-833.14
155	6.43	-0.55	13.78	106.80	-366.43	-2637.90	139.05	517.39	-820.29
156	6.40	-1.65	13.78	86.35	-331.80	-1941.27	88.16	301.51	-793.23
157	7.39	1.65	13.78	-210.14	-234.49	-3524.32	230.68	1460.19	-523.00
158	7.42	0.55	13.78	-133.67	-283.89	-2915.17	200.35	1142.11	-600.11
159	7.42	-0.55	13.78	-81.90	-299.37	-2316.40	161.88	846.26	-630.44
160	7.39	-1.65	13.78	-49.73	-293.68	-1729.66	129.02	571.15	-632.32
161	8.37	1.65	13.78	-369.02	-139.36	-2717.97	192.60	1579.46	-275.06
162	8.41	0.55	13.78	-284.58	-191.67	-2268.17	189.37	1284.55	-362.64
163	8.41	-0.55	13.78	-210.26	-222.88	-1820.48	173.95	992.73	-409.65
164	8.37	-1.65	13.78	-146.20	-239.61	-1378.17	155.08	708.21	-426.65
165	9.36	1.65	13.78	-651.90	-94.20	-1926.98	116.85	1482.99	-60.22
166	9.40	0.55	13.78	-537.07	-139.37	-1613.48	134.15	1228.50	-139.30
167	9.40	-0.55	13.78	-423.37	-172.77	-1304.05	136.71	972.25	-187.15
168	9.36	-1.65	13.78	-313.57	-196.83	-999.74	129.95	718.59	-209.93
169	10.34	1.65	13.78	-684.07	-46.87	-1283.92	47.30	1166.08	101.40
170	10.39	0.55	13.78	-574.57	-86.89	-1076.29	69.91	977.17	42.47
171	10.39	-0.55	13.78	-463.56	-120.73	-873.88	79.20	787.08	4.04
172	10.34	-1.65	13.78	-353.97	-148.62	-676.32	78.55	598.58	-17.46
173	11.33	1.65	13.78	-585.20	-15.30	-877.57	-4.62	846.69	222.76
174	11.38	0.55	13.78	-497.61	-50.13	-734.49	15.04	717.72	183.80
175	11.38	-0.55	13.78	-408.35	-81.63	-596.13	24.49	588.79	156.37
176	11.33	-1.65	13.78	-319.68	-109.16	-461.65	25.78	461.19	138.43
177	12.31	1.65	13.78	-438.09	6.16	-623.38	-39.09	582.45	318.23
178	12.37	0.55	13.78	-376.47	-23.91	-518.19	-25.29	501.12	295.87
179	12.37	-0.55	13.78	-313.92	-51.93	-416.67	-18.52	420.89	278.27
180	12.31	-1.65	13.78	-251.86	-77.08	-317.94	-17.55	341.89	264.25
181	13.30	1.65	13.78	-285.18	22.16	-447.15	-62.46	375.24	399.25
182	13.36	0.55	13.78	-248.30	-3.22	-365.13	-54.50	330.75	390.19
183	13.36	-0.55	13.78	-211.37	-27.11	-285.62	-50.98	288.00	380.78
184	13.30	-1.65	13.78	-175.11	-48.80	-207.90	-51.12	246.42	370.31
185	14.28	1.65	13.78	-145.69	34.78	-293.02	-85.37	207.26	470.73
186	14.35	0.55	13.78	-131.21	15.27	-227.27	-81.98	192.20	473.24
187	14.35	-0.55	13.78	-117.23	-3.39	-163.33	-81.02	179.20	471.06
188	14.28	-1.65	13.78	-104.05	-20.49	-100.40	-81.70	167.33	463.83
189	15.27	1.65	13.78	-26.98	45.02	-123.95	-119.33	48.08	527.97
190	15.34	0.55	13.78	-32.99	32.81	-71.80	-119.23	58.41	541.52
191	15.34	-0.55	13.78	-39.98	21.49	-20.88	-119.32	72.29	547.40
192	15.27	-1.65	13.78	-47.05	11.09	28.50	-119.45	86.24	545.27
193	0.51	1.65	12.09	-193.36	-299.69	-3206.87	3.11	-190.80	-1312.77
194	0.51	0.55	12.09	-204.01	-385.82	-2364.87	-3.81	-206.78	-1258.06
195	0.51	-0.55	12.09	-202.11	-402.93	-1624.50	-10.40	-220.19	-1140.45
196	0.51	-1.65	12.09	-191.15	-357.19	-993.28	-16.36	-231.08	-1023.38
197	1.52	1.65	12.09	-152.15	-295.22	-3318.89	60.11	-144.14	-1284.07
198	1.52	0.55	12.09	-167.53	-381.35	-2479.79	40.14	-190.50	-1237.03

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]
199	1.52	-0.55	12.09	-169.45	-400.13	-1737.20	19.74	-224.43	-1127.63
200	1.52	-1.65	12.09	-161.87	-357.85	-1098.65	2.95	-246.76	-1017.26
201	2.53	1.65	12.09	-76.47	-279.11	-3469.22	120.78	-55.53	-1222.83
202	2.54	0.55	12.09	-97.60	-364.57	-2642.08	87.97	-137.98	-1192.80
203	2.54	-0.55	12.09	-106.94	-387.24	-1897.65	54.25	-197.86	-1101.13
204	2.53	-1.65	12.09	-108.33	-353.07	-1245.03	27.34	-237.41	-1004.17
205	3.54	1.65	12.09	29.06	-246.40	-3608.21	181.79	116.92	-1123.48
206	3.56	0.55	12.09	4.32	-331.23	-2808.64	139.97	-7.75	-1119.28
207	3.56	-0.55	12.09	-14.48	-360.96	-2070.91	96.31	-103.98	-1054.26
208	3.54	-1.65	12.09	-29.62	-340.36	-1407.06	61.65	-174.30	-976.61
209	4.55	1.65	12.09	101.92	-202.77	-3665.09	234.85	372.07	-985.39
210	4.57	0.55	12.09	81.36	-286.94	-2914.07	192.03	203.14	-1010.87
211	4.57	-0.55	12.09	60.90	-325.19	-2201.87	145.42	62.80	-977.12
212	4.55	-1.65	12.09	39.36	-321.57	-1543.01	107.36	-50.40	-922.35
213	5.56	1.65	12.09	119.68	-149.54	-3574.54	274.90	675.01	-810.84
214	5.59	0.55	12.09	114.23	-233.04	-2892.98	237.84	468.25	-864.13
215	5.59	-0.55	12.09	102.11	-279.86	-2232.26	194.65	283.91	-861.36
216	5.56	-1.65	12.09	83.63	-294.36	-1605.98	157.02	123.14	-830.51
217	6.57	1.65	12.09	47.96	-98.79	-3309.97	283.97	961.78	-613.41
218	6.60	0.55	12.09	64.03	-179.23	-2717.33	261.15	729.59	-687.12
219	6.60	-0.55	12.09	71.87	-232.30	-2133.16	228.48	511.46	-710.15
220	6.57	-1.65	12.09	71.45	-261.99	-1568.44	196.46	310.68	-700.92
221	7.59	1.65	12.09	-70.78	-50.82	-2886.85	274.44	1168.08	-405.89
222	7.62	0.55	12.09	-32.49	-126.19	-2396.62	266.30	928.48	-490.20
223	7.62	-0.55	12.09	-1.27	-183.28	-1907.17	246.23	694.48	-530.73
224	7.59	-1.65	12.09	22.05	-224.14	-1427.25	221.81	470.91	-538.45
225	8.60	1.65	12.09	-243.68	-18.86	-2382.54	232.83	1242.71	-207.07
226	8.64	0.55	12.09	-181.41	-85.85	-1993.62	239.94	1016.52	-291.02
227	8.64	-0.55	12.09	-123.06	-141.82	-1602.92	233.35	789.34	-339.34
228	8.60	-1.65	12.09	-70.33	-186.77	-1216.79	218.08	566.74	-358.14
229	9.61	1.65	12.09	-346.43	8.40	-1881.21	181.53	1186.82	-32.03
230	9.65	0.55	12.09	-276.36	-50.29	-1580.76	197.58	989.87	-106.13
231	9.65	-0.55	12.09	-205.92	-102.70	-1279.74	200.19	788.69	-153.59
232	9.61	-1.65	12.09	-138.07	-147.69	-981.83	192.44	588.56	-177.67
233	10.62	1.65	12.09	-411.28	23.06	-1448.41	123.91	1051.22	116.24
234	10.67	0.55	12.09	-339.10	-26.19	-1217.55	143.78	889.26	56.60
235	10.67	-0.55	12.09	-264.04	-72.09	-988.38	151.72	723.26	15.03
236	10.62	-1.65	12.09	-189.45	-113.05	-762.31	149.52	557.10	-10.16
237	11.63	1.65	12.09	-401.66	33.50	-1104.75	68.82	865.11	236.64
238	11.69	0.55	12.09	-337.12	-6.94	-925.38	87.75	741.00	193.04
239	11.69	-0.55	12.09	-269.33	-45.61	-749.01	97.14	614.46	159.95
240	11.63	-1.65	12.09	-201.15	-80.90	-575.74	98.05	487.71	136.47
241	12.64	1.65	12.09	-339.00	40.14	-852.08	19.81	673.61	332.52
242	12.70	0.55	12.09	-288.39	7.91	-707.40	35.12	584.81	304.15
243	12.70	-0.55	12.09	-235.29	-23.20	-565.98	43.53	495.20	280.06
244	12.64	-1.65	12.09	-181.69	-51.91	-427.42	45.67	405.62	259.78
245	13.65	1.65	12.09	-249.33	44.24	-664.46	-23.91	493.69	406.36
246	13.72	0.55	12.09	-215.39	19.97	-542.03	-13.08	435.89	391.96
247	13.72	-0.55	12.09	-180.12	-3.43	-422.74	-6.72	378.52	376.78
248	13.65	-1.65	12.09	-144.61	-25.10	-305.97	-4.39	321.43	360.63
249	14.67	1.65	12.09	-150.15	46.68	-517.00	-64.78	321.78	457.21
250	14.73	0.55	12.09	-133.81	30.56	-408.05	-58.51	291.15	456.21
251	14.73	-0.55	12.09	-117.12	15.01	-302.34	-54.51	261.90	450.26
252	14.67	-1.65	12.09	-100.50	0.67	-198.90	-52.27	233.27	439.26
253	15.68	1.65	12.09	-49.73	48.22	-399.24	-104.82	144.09	481.58
254	15.75	0.55	12.09	-50.59	39.95	-296.97	-103.30	137.19	493.47
255	15.75	-0.55	12.09	-52.19	32.57	-197.78	-101.70	133.77	497.94
256	15.68	-1.65	12.09	-53.71	25.96	-101.59	-99.86	130.58	494.78
257	0.52	1.65	10.41	-0.67	-135.26	-3067.69	6.83	-133.17	-1059.64
258	0.52	0.55	10.41	-35.12	-217.35	-2374.09	0.24	-152.85	-1079.25
259	0.52	-0.55	10.41	-62.31	-270.66	-1723.91	-6.30	-169.48	-1053.37
260	0.52	-1.65	10.41	-83.63	-296.57	-1120.87	-12.54	-183.33	-999.69
261	1.56	1.65	10.41	34.01	-128.56	-3128.69	66.43	-29.60	-1028.03
262	1.56	0.55	10.41	-0.62	-211.09	-2442.65	53.37	-80.24	-1053.46
263	1.56	-0.55	10.41	-28.95	-265.77	-1796.03	39.66	-123.21	-1033.26
264	1.56	-1.65	10.41	-52.08	-293.93	-1193.41	27.06	-159.13	-984.25
265	2.59	1.65	10.41	79.45	-113.67	-3179.23	123.61	105.43	-966.74
266	2.61	0.55	10.41	45.86	-196.36	-2510.54	105.83	22.49	-1002.15
267	2.61	-0.55	10.41	16.43	-253.38	-1874.22	86.35	-49.53	-991.98
268	2.59	-1.65	10.41	-9.42	-285.82	-1275.96	68.26	-111.13	-951.13
269	3.63	1.65	10.41	117.40	-92.15	-3192.36	175.07	276.05	-875.35
270	3.65	0.55	10.41	88.24	-174.41	-2553.25	155.44	160.51	-923.44
271	3.65	-0.55	10.41	60.56	-234.28	-1937.47	132.74	57.27	-926.46
272	3.63	-1.65	10.41	34.24	-272.30	-1351.81	110.84	-33.71	-896.62
273	4.67	1.65	10.41	133.48	-65.15	-3137.75	216.25	474.41	-755.00
274	4.69	0.55	10.41	113.53	-146.38	-2542.06	198.12	328.96	-816.79
275	4.69	-0.55	10.41	92.01	-209.09	-1960.05	175.31	194.77	-834.37
276	4.67	-1.65	10.41	69.30	-253.04	-1399.62	151.77	72.67	-817.35
277	5.71	1.65	10.41	109.83	-36.80	-2994.25	240.56	677.25	-611.11
278	5.73	0.55	10.41	103.43	-116.02	-2455.47	227.99	508.33	-685.16
279	5.73	-0.55	10.41	93.83	-180.50	-1921.18	208.60	347.56	-716.33
280	5.71	-1.65	10.41	81.31	-229.32	-1400.71	186.14	196.97	-712.45
281	6.75	1.65	10.41	48.63	-10.33	-2758.38	246.34	853.36	-452.48
282	6.78	0.55	10.41	58.60	-85.76	-2285.66	241.80	671.28	-534.20
283	6.78	-0.55	10.41	64.99	-150.15	-1811.20	228.20	492.55	-575.98
284	6.75	-1.65	10.41	67.58	-201.99	-1344.64	208.97	320.96	-584.05
285	7.78	1.65	10.41	-45.52	9.40	-2451.83	230.67	972.84	-290.54
286	7.82	0.55	10.41	-18.67	-59.67	-2047.73	235.07	789.19	-373.25
287	7.82	-0.55	10.41	5.85	-121.29	-1639.75	228.68	604.49	-421.32
288	7.78	-1.65	10.41	26.86	-173.40	-1235.95	214.41	423.69	-438.92
289	8.82	1.65	10.41	-139.10	23.76	-2107.84	199.44	1022.17	-134.51
290	8.86	0.55	10.41	-99.53	-37.55	-1769.59	210.85	847.35	-212.19
291	8.86	-0.55	10.41	-60.25	-94.35	-1428.07	211.09	668.69	-261.89
292	8.82	-1.65	10.41	-23.44	-144.26	-1088.98	202.23	491.33	-285.99
293	9.86	1.65	10.41	-224.12	30.94	-1765.69	155.01	1002.19	8.68
294	9.90	0.55	10.41	-175.58	-21.58	-1485.63	171.10	844.38	-59.58
295	9.90	-0.55	10.41	-125.54	-71.66	-1204.17	176.65	681.67	-106.89
296	9.86	-1.65	10.41	-76.70	-116.88	-924.77	172.95	518.67	-134.46
297	10.90	1.65	10.41	-271.71	34.28	-1456.47	104.54	924.97	134.32

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]
298	10.95	0.55	10.41	-221.21	-9.53	-1223.87	122.23	789.55	78.23
299	10.95	-0.55	10.41	-168.00	-52.09	-991.93	130.88	649.55	36.24
300	10.90	-1.65	10.41	-114.93	-91.22	-762.37	131.22	508.58	7.89
301	11.94	1.65	10.41	-284.14	33.96	-1199.52	52.75	812.95	240.83
302	11.99	0.55	10.41	-236.94	-1.38	-1002.37	69.58	701.77	197.92
303	11.99	-0.55	10.41	-186.74	-36.03	-807.50	79.36	587.15	162.94
304	11.94	-1.65	10.41	-136.06	-68.21	-615.54	82.41	471.57	135.82
305	12.97	1.65	10.41	-261.72	31.93	-998.51	3.85	680.53	327.07
306	13.03	0.55	10.41	-222.51	4.49	-825.65	18.08	593.86	297.42
307	13.03	-0.55	10.41	-180.80	-22.39	-656.08	27.32	505.15	270.38
308	12.97	-1.65	10.41	-138.41	-47.40	-489.83	31.73	415.75	246.07
309	14.01	1.65	10.41	-212.23	29.24	-849.90	-39.18	536.65	391.20
310	14.07	0.55	10.41	-184.33	9.10	-691.84	-28.56	473.85	374.55
311	14.07	-0.55	10.41	-154.86	-10.34	-537.63	-21.04	410.35	356.09
312	14.01	-1.65	10.41	-124.79	-28.35	-386.99	-16.50	346.49	336.04
313	15.05	1.65	10.41	-146.07	26.18	-748.12	-74.87	383.83	430.32
314	15.12	0.55	10.41	-130.67	13.08	-597.11	-68.44	343.31	426.37
315	15.12	-0.55	10.41	-114.71	0.71	-450.39	-63.47	303.45	417.21
316	15.05	-1.65	10.41	-98.52	-10.49	-307.28	-59.76	263.77	403.00
317	16.09	1.65	10.41	-64.28	24.94	-690.55	-100.59	219.81	440.58
318	16.16	0.55	10.41	-62.65	17.59	-540.95	-99.23	199.31	448.24
319	16.16	-0.55	10.41	-61.60	11.47	-395.38	-97.69	181.85	449.27
320	16.09	-1.65	10.41	-60.44	6.26	-253.81	-95.81	164.50	443.59
321	0.53	1.65	8.72	99.58	-50.05	-2789.02	2.20	-86.71	-826.48
322	0.53	0.55	8.72	59.73	-127.13	-2223.74	-2.24	-105.90	-886.14
323	0.53	-0.55	8.72	23.86	-189.02	-1673.04	-7.11	-122.92	-902.07
324	0.53	-1.65	8.72	-8.71	-236.37	-1144.59	-12.20	-137.73	-883.88
325	1.60	1.65	8.72	119.60	-45.41	-2814.21	53.55	37.69	-797.71
326	1.60	0.55	8.72	81.58	-122.26	-2257.36	47.16	-9.23	-860.64
327	1.60	-0.55	8.72	46.78	-184.56	-1712.83	39.15	-52.22	-880.08
328	1.60	-1.65	8.72	14.67	-232.75	-1188.69	30.41	-91.06	-865.24
329	2.66	1.65	8.72	136.97	-36.93	-2814.33	100.40	175.95	-743.66
330	2.67	0.55	8.72	103.01	-112.88	-2274.85	93.20	102.18	-811.46
331	2.67	-0.55	8.72	71.03	-175.52	-1744.06	83.05	33.31	-836.36
332	2.66	-1.65	8.72	40.69	-224.96	-1230.60	71.41	-30.05	-826.78
333	3.73	1.65	8.72	144.15	-25.57	-2776.66	139.57	326.73	-665.87
334	3.74	0.55	8.72	116.93	-99.75	-2263.70	133.20	228.23	-739.19
335	3.74	-0.55	8.72	90.21	-162.38	-1755.18	122.38	134.45	-770.77
336	3.73	-1.65	8.72	63.84	-213.11	-1260.16	108.97	46.70	-767.93
337	4.79	1.65	8.72	132.38	-13.21	-2689.71	167.61	481.66	-567.53
338	4.81	0.55	8.72	114.69	-84.43	-2212.00	163.92	362.28	-645.69
339	4.81	-0.55	8.72	96.33	-146.26	-1734.64	154.17	246.31	-684.17
340	4.79	-1.65	8.72	77.10	-197.80	-1266.76	140.45	135.95	-688.89
341	5.85	1.65	8.72	98.22	-1.65	-2547.98	181.92	626.98	-453.56
342	5.88	0.55	8.72	92.37	-68.40	-2112.41	182.32	492.46	-534.45
343	5.88	-0.55	8.72	85.11	-128.34	-1674.31	175.23	359.13	-578.98
344	5.85	-1.65	8.72	76.07	-179.76	-1242.11	162.68	230.20	-591.26
345	6.92	1.65	8.72	42.12	7.44	-2355.79	180.57	746.87	-330.20
346	6.95	0.55	8.72	49.10	-53.62	-1966.48	185.76	604.12	-410.89
347	6.95	-0.55	8.72	54.79	-110.30	-1573.28	182.52	460.18	-459.54
348	6.92	-1.65	8.72	58.34	-160.19	-1183.33	172.52	318.94	-478.63
349	7.98	1.65	8.72	-26.47	13.58	-2126.05	164.04	828.83	-203.88
350	8.02	0.55	8.72	-7.45	-41.08	-1783.81	173.76	685.05	-281.22
351	8.02	-0.55	8.72	11.08	-93.20	-1437.73	174.75	538.01	-331.47
352	7.98	-1.65	8.72	27.64	-140.08	-1093.44	168.22	391.98	-356.00
353	9.05	1.65	8.72	-99.01	15.87	-1878.75	133.48	865.97	-80.68
354	9.09	0.55	8.72	-69.77	-31.83	-1580.84	146.81	727.63	-151.62
355	9.09	-0.55	8.72	-39.91	-78.27	-1280.29	151.79	584.76	-200.88
356	9.05	-1.65	8.72	-11.49	-120.76	-981.12	149.16	441.59	-229.10
357	10.11	1.65	8.72	-161.11	15.02	-1634.95	92.31	859.24	34.85
358	10.15	0.55	8.72	-125.00	-25.60	-1375.80	107.66	731.29	-27.25
359	10.15	-0.55	8.72	-87.24	-65.70	-1115.83	115.73	598.44	-73.30
360	10.11	-1.65	8.72	-50.30	-102.88	-857.55	116.87	464.55	-103.42
361	11.18	1.65	8.72	-206.72	11.18	-1413.42	43.96	815.85	140.09
362	11.22	0.55	8.72	-167.16	-22.46	-1185.42	59.77	701.32	88.32
363	11.22	-0.55	8.72	-125.34	-55.90	-958.50	69.82	582.33	47.12
364	11.18	-1.65	8.72	-83.83	-87.12	-733.98	74.19	462.13	16.71
365	12.24	1.65	8.72	-229.19	5.33	-1227.72	-6.98	744.82	233.71
366	12.29	0.55	8.72	-190.13	-21.71	-1022.10	7.82	645.20	192.93
367	12.29	-0.55	8.72	-148.71	-48.48	-819.20	18.64	542.08	157.67
368	12.24	-1.65	8.72	-107.27	-73.52	-619.57	25.33	437.95	128.32
369	13.31	1.65	8.72	-227.43	-1.87	-1087.31	-55.01	655.07	314.86
370	13.36	0.55	8.72	-192.85	-22.78	-894.72	-42.40	570.79	285.10
371	13.36	-0.55	8.72	-156.20	-43.14	-706.10	-32.06	484.19	256.41
372	13.31	-1.65	8.72	-119.33	-62.07	-521.66	-24.22	397.02	229.28
373	14.37	1.65	8.72	-199.87	-9.06	-998.38	-92.75	550.23	380.95
374	14.43	0.55	8.72	-174.01	-24.61	-809.77	-83.41	482.00	362.02
375	14.43	-0.55	8.72	-146.67	-39.18	-625.93	-74.91	412.66	340.44
376	14.37	-1.65	8.72	-118.93	-52.48	-447.11	-67.43	343.21	316.71
377	15.43	1.65	8.72	-142.95	-12.74	-956.86	-111.45	423.79	423.89
378	15.50	0.55	8.72	-130.19	-24.41	-767.32	-106.52	374.75	415.98
379	15.50	-0.55	8.72	-116.67	-34.87	-582.76	-101.53	325.73	402.52
380	15.43	-1.65	8.72	-102.57	-43.88	-403.32	-96.36	276.80	383.83
381	16.50	1.65	8.72	-82.52	-15.87	-957.15	-116.88	282.27	438.50
382	16.57	0.55	8.72	-77.44	-23.38	-765.30	-116.17	251.23	440.18
383	16.57	-0.55	8.72	-73.11	-29.31	-577.69	-115.19	222.61	435.79
384	16.50	-1.65	8.72	-69.00	-34.01	-394.94	-113.73	193.89	425.33
385	0.55	1.65	7.03	133.56	-28.10	-2462.45	-4.49	-55.52	-640.81
386	0.55	0.55	7.03	98.84	-88.03	-2005.15	-6.95	-72.49	-715.15
387	0.55	-0.55	7.03	65.42	-142.00	-1550.28	-10.08	-88.11	-751.31
388	0.55	-1.65	7.03	33.49	-188.21	-1105.75	-13.71	-102.16	-753.30
389	1.64	1.65	7.03	144.24	-25.74	-2470.19	34.67	67.84	-617.10
390	1.64	0.55	7.03	111.77	-85.05	-2020.00	32.69	28.01	-692.99
391	1.64	-0.55	7.03	80.12	-138.79	-1571.06	28.69	-10.13	-731.23
392	1.64	-1.65	7.03	49.54	-185.05	-1131.37	23.16	-45.89	-735.58
393	2.73	1.65	7.03	147.85	-22.20	-2450.72	69.14	195.93	-573.17
394	2.74	0.55	7.03	119.77	-79.98	-2014.76	68.25	134.68	-650.84
395	2.74	-0.55	7.03	91.86	-132.92	-1578.42	63.98	75.03	-691.92
396	2.73	-1.65	7.03	64.37	-178.90	-1149.68	57.11	18.21	-699.72

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]
397	3.82	1.65	7.03	140.56	-18.17	-2399.16	96.28	325.28	-510.99
398	3.83	0.55	7.03	118.94	-73.47	-1984.00	97.23	245.11	-590.13
399	3.83	-0.55	7.03	96.86	-124.92	-1566.75	93.53	165.90	-634.37
400	3.82	-1.65	7.03	74.49	-170.14	-1155.18	86.12	89.51	-646.40
401	4.91	1.65	7.03	119.57	-14.43	-2312.19	113.75	449.63	-433.61
402	4.93	0.55	7.03	106.18	-66.33	-1923.34	117.23	354.10	-513.25
403	4.93	-0.55	7.03	91.90	-115.49	-1531.05	114.97	258.39	-560.40
404	4.91	-1.65	7.03	76.68	-159.31	-1142.58	107.95	165.03	-577.04
405	6.00	1.65	7.03	83.87	-11.79	-2190.21	119.70	560.72	-344.94
406	6.02	0.55	7.03	79.88	-59.51	-1831.59	126.10	454.22	-423.62
407	6.02	-0.55	7.03	74.97	-105.54	-1468.88	126.04	346.16	-472.83
408	6.00	-1.65	7.03	68.69	-147.16	-1108.48	120.37	239.62	-493.99
409	7.09	1.65	7.03	35.85	-10.80	-2038.17	113.14	650.26	-249.44
410	7.12	0.55	7.03	41.65	-53.76	-1711.73	122.46	537.64	-325.29
411	7.12	-0.55	7.03	46.88	-95.91	-1381.37	125.05	422.11	-375.34
412	7.09	-1.65	7.03	50.56	-134.57	-1052.36	121.58	307.13	-400.44
413	8.18	1.65	7.03	-20.22	-11.90	-1865.64	93.85	711.70	-151.59
414	8.21	0.55	7.03	-5.00	-49.71	-1571.10	105.63	597.73	-222.64
415	8.21	-0.55	7.03	10.27	-87.44	-1273.58	111.00	479.83	-272.05
416	8.18	-1.65	7.03	24.05	-122.46	-977.07	110.35	361.58	-300.18
417	9.27	1.65	7.03	-77.54	-14.96	-1684.93	62.59	742.03	-55.17
418	9.31	0.55	7.03	-54.05	-47.63	-1419.93	76.02	630.86	-119.66
419	9.31	-0.55	7.03	-29.81	-80.64	-1153.42	83.92	515.23	-166.95
420	9.27	-1.65	7.03	-6.87	-111.57	-888.10	86.44	398.58	-197.03
421	10.36	1.65	7.03	-130.56	-19.99	-1509.31	20.61	742.05	37.18
422	10.41	0.55	7.03	-100.32	-47.74	-1269.65	34.72	636.76	-19.39
423	10.41	-0.55	7.03	-68.73	-75.94	-1030.22	44.69	527.01	-63.27
424	10.36	-1.65	7.03	-38.26	-102.50	-792.57	50.41	415.97	-94.20
425	11.45	1.65	7.03	-173.92	-26.90	-1351.02	-30.13	715.83	124.43
426	11.50	0.55	7.03	-138.74	-50.02	-1131.11	-16.27	618.19	76.62
427	11.50	-0.55	7.03	-101.91	-73.40	-913.13	-4.87	516.56	37.11
428	11.45	-1.65	7.03	-66.10	-95.47	-697.78	3.77	413.76	6.30
429	12.55	1.65	7.03	-205.03	-35.96	-1220.79	-86.92	669.79	207.46
430	12.60	0.55	7.03	-166.82	-54.56	-1013.90	-74.07	580.14	168.68
431	12.60	-0.55	7.03	-126.96	-73.03	-810.39	-61.93	487.36	134.10
432	12.55	-1.65	7.03	-88.15	-90.41	-610.52	-50.91	393.90	104.19
433	13.64	1.65	7.03	-222.07	-47.50	-1128.84	-145.14	611.39	289.28
434	13.69	0.55	7.03	-183.06	-61.37	-926.90	-133.95	528.82	259.27
435	13.69	-0.55	7.03	-142.69	-74.69	-729.53	-121.82	444.22	229.71
436	13.64	-1.65	7.03	-103.55	-87.02	-536.92	-109.28	359.77	201.19
437	14.73	1.65	7.03	-222.53	-61.35	-1088.47	-195.60	548.48	374.69
438	14.79	0.55	7.03	-186.04	-70.42	-881.29	-186.89	471.38	352.75
439	14.79	-0.55	7.03	-148.67	-78.39	-679.52	-175.68	393.45	327.82
440	14.73	-1.65	7.03	-112.73	-85.24	-483.97	-162.85	316.86	300.75
441	15.82	1.65	7.03	-196.26	-76.05	-1129.99	-216.64	485.44	465.13
442	15.88	0.55	7.03	-168.69	-81.47	-902.22	-211.75	414.03	450.64
443	15.88	-0.55	7.03	-141.11	-85.15	-680.37	-203.13	342.92	429.54
444	15.82	-1.65	7.03	-114.74	-86.65	-466.89	-192.33	274.42	403.55
445	16.91	1.65	7.03	-76.28	-62.58	-1212.65	-141.46	347.45	508.09
446	16.98	0.55	7.03	-79.92	-75.61	-972.84	-143.86	306.50	503.55
447	16.98	-0.55	7.03	-83.19	-86.59	-737.01	-143.96	266.98	490.39
448	16.91	-1.65	7.03	-85.36	-94.24	-509.30	-141.78	227.11	469.62
449	0.56	1.65	5.34	133.26	-38.90	-2140.22	-9.79	-34.45	-510.32
450	0.56	0.55	5.34	106.96	-78.59	-1771.19	-10.80	-48.98	-586.38
451	0.56	-0.55	5.34	80.40	-116.95	-1399.68	-12.52	-62.70	-630.32
452	0.56	-1.65	5.34	54.09	-151.57	-1032.65	-14.84	-75.38	-644.00
453	1.68	1.65	5.34	139.72	-38.07	-2140.78	17.31	78.86	-491.79
454	1.68	0.55	5.34	115.35	-77.07	-1777.00	17.90	46.16	-568.46
455	1.68	-0.55	5.34	90.45	-114.98	-1410.16	16.54	13.95	-613.57
456	1.68	-1.65	5.34	65.52	-149.32	-1047.17	13.48	-16.96	-628.86
457	2.79	1.65	5.34	137.79	-37.56	-2117.15	40.33	192.50	-457.55
458	2.80	0.55	5.34	117.13	-75.02	-1763.81	42.78	142.95	-534.46
459	2.80	-0.55	5.34	95.65	-111.75	-1406.81	42.11	93.40	-580.91
460	2.79	-1.65	5.34	73.76	-145.24	-1052.83	38.73	45.16	-598.41
461	3.91	1.65	5.34	126.07	-37.64	-2067.91	57.20	302.88	-409.35
462	3.93	0.55	5.34	110.67	-72.76	-1729.55	61.74	238.60	-485.86
463	3.93	-0.55	5.34	94.23	-107.63	-1387.10	62.21	173.61	-533.58
464	3.91	-1.65	5.34	76.99	-139.69	-1046.75	59.03	109.72	-553.70
465	5.03	1.65	5.34	103.75	-38.61	-1993.10	66.11	405.29	-349.67
466	5.05	0.55	5.34	94.82	-70.73	-1673.28	72.89	329.07	-424.90
467	5.05	-0.55	5.34	84.80	-103.11	-1349.24	74.90	251.28	-473.52
468	5.03	-1.65	5.34	73.63	-133.19	-1026.53	72.55	174.17	-496.36
469	6.15	1.65	5.34	71.39	-40.67	-1894.97	65.69	494.47	-281.55
470	6.17	0.55	5.34	69.67	-69.33	-1595.97	74.65	409.59	-354.39
471	6.17	-0.55	5.34	67.02	-98.74	-1293.10	78.52	322.24	-403.26
472	6.15	-1.65	5.34	63.02	-126.34	-991.02	77.62	235.00	-428.66
473	7.26	1.65	5.34	30.88	-43.90	-1778.39	55.02	565.49	-208.29
474	7.29	0.55	5.34	36.64	-68.92	-1501.05	65.85	475.41	-277.52
475	7.29	-0.55	5.34	41.85	-95.08	-1220.64	71.73	382.08	-325.80
476	7.26	-1.65	5.34	45.59	-119.85	-940.85	72.85	288.26	-353.31
477	8.38	1.65	5.34	-14.46	-48.20	-1650.48	33.66	614.73	-133.08
478	8.41	0.55	5.34	-1.39	-69.71	-1394.14	45.78	522.77	-197.50
479	8.41	-0.55	5.34	11.62	-92.57	-1135.94	53.63	427.04	-244.24
480	8.38	-1.65	5.34	23.16	-114.38	-878.54	57.23	330.30	-273.25
481	9.50	1.65	5.34	-60.91	-53.42	-1519.88	1.40	640.47	-58.64
482	9.53	0.55	5.34	-40.98	-71.83	-1282.47	14.08	549.52	-117.18
483	9.53	-0.55	5.34	-20.55	-91.59	-1044.69	23.69	454.60	-161.45
484	9.50	-1.65	5.34	-1.63	-110.53	-808.20	30.08	358.35	-191.24
485	10.62	1.65	5.34	-104.69	-59.46	-1395.63	-41.84	643.11	13.22
486	10.66	0.55	5.34	-78.41	-75.33	-1173.92	-29.40	555.37	-38.60
487	10.66	-0.55	5.34	-51.19	-92.33	-953.42	-18.36	463.81	-79.58
488	10.62	-1.65	5.34	-25.57	-108.65	-734.93	-9.03	370.84	-109.44
489	11.73	1.65	5.34	-143.18	-66.62	-1286.31	-96.29	624.93	82.05
490	11.78	0.55	5.34	-110.88	-80.35	-1076.20	-84.78	541.76	37.52
491	11.78	-0.55	5.34	-77.37	-94.82	-868.77	-72.71	455.18	0.45
492	11.73	-1.65	5.34	-45.72	-108.71	-664.18	-60.47	367.39	-28.83
493	12.85	1.65	5.34	-175.18	-75.78	-1199.57	-162.43	589.75	149.50
494	12.90	0.55	5.34	-136.80	-87.18	-996.27	-152.41	511.48	112.57
495	12.90	-0.55	5.34	-97.09	-98.90	-796.87	-139.70	430.38	79.81

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]
496	12.85	-1.65	5.34	-59.81	-110.13	-601.17	-124.75	348.60	51.51
497	13.97	1.65	5.34	-202.29	-88.57	-1142.44	-241.32	543.33	221.01
498	14.02	0.55	5.34	-156.77	-96.52	-940.47	-233.28	468.85	191.84
499	14.02	-0.55	5.34	-110.05	-104.46	-743.05	-220.08	392.09	163.37
500	13.97	-1.65	5.34	-66.98	-111.73	-550.30	-202.59	315.78	136.01
501	15.09	1.65	5.34	-230.64	-107.86	-1124.61	-335.47	496.20	311.07
502	15.14	0.55	5.34	-174.74	-110.16	-915.99	-329.58	421.27	289.47
503	15.14	-0.55	5.34	-118.91	-111.97	-712.11	-315.26	345.10	264.14
504	15.09	-1.65	5.34	-69.10	-112.06	-514.72	-295.03	271.85	236.59
505	16.20	1.65	5.34	-274.18	-139.14	-1165.78	-449.22	472.66	460.19
506	16.26	0.55	5.34	-202.58	-133.13	-934.08	-444.73	386.87	444.42
507	16.26	-0.55	5.34	-133.60	-123.97	-708.91	-426.89	302.72	417.63
508	16.20	-1.65	5.34	-74.42	-110.06	-495.22	-403.04	226.90	386.10
509	17.32	1.65	5.34	-353.42	-225.79	-1539.90	-586.81	587.35	825.10
510	17.39	0.55	5.34	-261.51	-202.66	-1188.77	-581.92	459.11	802.83
511	17.39	-0.55	5.34	-177.94	-163.80	-856.79	-557.01	344.19	756.36
512	17.32	-1.65	5.34	-106.19	-115.21	-555.80	-529.59	244.92	709.90
513	-14.44	1.65	17.16	60.43	-39.94	21.58	187.60	74.75	262.52
514	-14.52	0.55	17.16	32.53	-56.42	22.37	192.53	50.63	266.85
515	-14.52	-0.55	17.16	3.39	-73.53	23.51	198.10	25.89	268.53
516	-14.44	-1.65	17.16	-26.27	-90.12	24.70	204.57	1.72	267.44
517	-13.51	1.65	17.16	113.40	-72.48	-31.83	347.31	49.52	162.49
518	-13.59	0.55	17.16	62.57	-69.84	-24.68	359.84	35.62	167.97
519	-13.59	-0.55	17.16	9.30	-67.52	-17.87	367.99	21.59	171.30
520	-13.51	-1.65	17.16	-44.94	-65.34	-10.93	371.65	7.08	172.55
521	-12.58	1.65	17.16	126.64	-107.18	-53.09	485.49	4.22	125.21
522	-12.65	0.55	17.16	60.66	-85.78	-42.99	504.11	0.17	128.79
523	-12.65	-0.55	17.16	-8.97	-64.20	-33.70	513.97	-4.29	131.26
524	-12.58	-1.65	17.16	-79.86	-43.06	-24.51	515.04	-9.16	132.54
525	-11.65	1.65	17.16	82.70	-153.62	-72.11	615.48	-60.50	105.70
526	-11.71	0.55	17.16	11.34	-110.66	-58.51	638.09	-52.33	106.18
527	-11.71	-0.55	17.16	-64.75	-67.43	-46.29	648.37	-44.95	106.71
528	-11.65	-1.65	17.16	-142.27	-24.98	-34.32	646.26	-38.22	107.08
529	-10.72	1.65	17.16	-49.62	-218.33	-108.92	743.26	-159.14	88.69
530	-10.77	0.55	17.16	-110.54	-149.33	-87.79	766.33	-132.01	84.72
531	-10.77	-0.55	17.16	-177.12	-80.60	-68.85	774.88	-106.60	82.59
532	-10.72	-1.65	17.16	-245.57	-13.06	-50.39	768.72	-82.48	81.71
533	-9.78	1.65	17.16	-329.43	-309.81	-196.46	867.86	-332.44	64.32
534	-9.84	0.55	17.16	-350.50	-208.92	-156.84	885.05	-270.08	53.63
535	-9.84	-0.55	17.16	-378.30	-109.96	-120.91	888.63	-211.61	47.68
536	-9.78	-1.65	17.16	-409.23	-12.46	-85.90	878.01	-155.63	45.26
537	-8.85	1.65	17.16	-872.82	-447.15	-424.62	979.30	-686.17	20.81
538	-8.90	0.55	17.16	-796.24	-306.59	-335.88	979.80	-548.61	-2.13
539	-8.90	-0.55	17.16	-728.46	-170.67	-253.39	973.80	-419.19	-14.82
540	-8.85	-1.65	17.16	-666.51	-36.10	-172.43	959.52	-294.08	-19.42
541	-7.92	1.65	17.16	-1907.65	-679.79	-1030.65	1055.92	-1511.80	-55.32
542	-7.96	0.55	17.16	-1619.00	-485.45	-807.66	1023.00	-1193.91	-106.50
543	-7.96	-0.55	17.16	-1343.77	-298.61	-598.19	1000.90	-890.97	-134.18
544	-7.92	-1.65	17.16	-1078.82	-112.45	-391.10	985.69	-594.27	-142.33
545	-6.99	1.65	17.16	-3991.65	-1496.68	-4865.05	1078.38	-4059.59	-114.90
546	-7.03	0.55	17.16	-3242.58	-1132.39	-3784.95	999.17	-3177.31	-257.63
547	-7.03	-0.55	17.16	-2513.53	-769.60	-2705.21	958.20	-2307.82	-334.42
548	-6.99	-1.65	17.16	-1798.90	-403.59	-1610.72	949.14	-1437.88	-349.64
549	-6.06	1.65	17.16	-941.27	-1413.35	-8105.84	131.34	-1131.13	-540.84
550	-6.09	0.55	17.16	-719.00	-1113.49	-6424.21	202.60	-961.83	-553.30
551	-6.09	-0.55	17.16	-536.98	-787.30	-4641.67	245.25	-818.55	-550.00
552	-6.06	-1.65	17.16	-378.28	-451.57	-2780.12	263.21	-682.24	-531.03
553	-5.13	1.65	17.16	-860.67	-1054.61	-5030.88	445.41	1655.76	-830.00
554	-5.15	0.55	17.16	-669.58	-722.91	-4010.74	486.59	1566.39	-606.04
555	-5.15	-0.55	17.16	-454.28	-452.07	-2958.49	451.03	1186.10	-505.53
556	-5.13	-1.65	17.16	-228.09	-198.39	-1842.30	398.48	680.92	-449.50
557	-4.19	1.65	17.16	-367.40	-548.26	-1440.86	232.53	262.41	-740.06
558	-4.22	0.55	17.16	-207.57	-110.32	-857.33	294.19	387.31	-305.80
559	-4.22	-0.55	17.16	-113.38	74.12	-565.76	284.08	319.37	-182.22
560	-4.19	-1.65	17.16	-50.41	180.97	-339.48	258.87	156.72	-134.20
561	-3.26	1.65	17.16	-211.04	-580.62	-1043.31	121.28	-82.12	-877.93
562	-3.28	0.55	17.16	-35.85	-0.37	-428.04	171.32	27.61	-277.76
563	-3.28	-0.55	17.16	16.56	221.58	-228.14	176.27	44.83	-96.79
564	-3.26	-1.65	17.16	14.91	314.70	-146.91	179.89	-8.44	-28.31
565	-2.33	1.65	17.16	-199.06	-635.06	-967.63	54.16	-129.70	-977.80
566	-2.34	0.55	17.16	-2.10	28.87	-322.52	96.23	-60.21	-306.93
567	-2.34	-0.55	17.16	45.94	290.10	-136.70	111.69	-35.35	-83.98
568	-2.33	-1.65	17.16	29.91	383.63	-103.26	136.69	-60.48	7.43
569	-1.40	1.65	17.16	-228.25	-669.25	-965.41	-0.69	-113.78	-1032.00
570	-1.41	0.55	17.16	-19.47	38.26	-305.00	41.26	-66.91	-333.83
571	-1.41	-0.55	17.16	35.48	323.40	-118.29	66.30	-52.16	-88.27
572	-1.40	-1.65	17.16	22.45	415.79	-103.37	105.53	-75.33	22.18
573	-0.47	1.65	17.16	-259.56	-684.94	-978.70	-52.39	-85.02	-1061.17
574	-0.47	0.55	17.16	-45.49	44.09	-307.23	-6.91	-52.84	-348.02
575	-0.47	-0.55	17.16	14.68	339.03	-119.25	26.98	-49.52	-91.16
576	-0.47	-1.65	17.16	6.97	425.64	-115.08	75.96	-77.76	33.31
577	-14.85	1.65	15.47	2.60	22.30	23.96	122.36	49.37	474.79
578	-14.93	0.55	15.47	-8.80	9.97	33.41	123.58	22.81	483.99
579	-14.93	-0.55	15.47	-21.21	-2.03	42.94	125.26	-6.05	487.94
580	-14.85	-1.65	15.47	-33.96	-13.52	52.04	127.35	-34.62	486.57
581	-13.90	1.65	15.47	-79.94	3.56	-109.72	140.24	-36.38	366.28
582	-13.97	0.55	15.47	-78.37	-8.04	-84.60	141.84	-43.25	371.45
583	-13.97	-0.55	15.47	-78.44	-19.00	-60.27	144.14	-51.63	373.67
584	-13.90	-1.65	15.47	-79.90	-29.20	-36.32	146.50	-61.13	372.85
585	-12.94	1.65	15.47	-195.39	-18.84	-192.58	174.42	-149.06	286.54
586	-13.00	0.55	15.47	-177.21	-26.86	-156.43	174.39	-132.13	285.89
587	-13.00	-0.55	15.47	-161.42	-33.57	-121.89	175.32	-117.03	285.32
588	-12.94	-1.65	15.47	-147.36	-39.26	-88.43	176.45	-103.27	284.48
589	-11.98	1.65	15.47	-351.01	-46.29	-275.37	201.40	-308.78	222.62
590	-12.04	0.55	15.47	-307.88	-49.47	-225.27	197.94	-259.72	213.92
591	-12.04	-0.55	15.47	-267.84	-50.68	-177.87	196.67	-212.88	208.90
592	-11.98	-1.65	15.47	-230.06	-50.55	-132.36	196.29	-167.82	206.81
593	-11.02	1.65	15.47	-556.25	-83.22	-407.45	209.51	-540.97	155.59
594	-11.08	0.55	15.47	-475.61	-81.07	-331.80	201.16	-444.41	135.51

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]
595	-11.08	-0.55	15.47	-399.02	-75.61	-260.29	197.47	-350.84	124.33
596	-11.02	-1.65	15.47	-325.60	-68.19	-191.68	196.17	-259.89	120.56
597	-10.06	1.65	15.47	-810.14	-138.22	-664.11	188.84	-885.22	65.59
598	-10.11	0.55	15.47	-677.18	-129.64	-535.62	175.46	-714.93	29.79
599	-10.11	-0.55	15.47	-549.85	-115.11	-413.45	170.24	-549.28	10.71
600	-10.06	-1.65	15.47	-427.23	-97.42	-295.53	169.50	-387.59	5.51
601	-9.10	1.65	15.47	-1065.38	-226.95	-1193.37	129.51	-1387.78	-71.25
602	-9.15	0.55	15.47	-872.24	-208.20	-951.75	114.92	-1104.18	-127.43
603	-9.15	-0.55	15.47	-687.55	-178.79	-719.98	111.80	-827.98	-155.84
604	-9.10	-1.65	15.47	-510.23	-144.12	-493.96	114.48	-557.55	-161.41
605	-8.15	1.65	15.47	-1126.95	-385.34	-2365.85	24.93	-2022.50	-284.31
606	-8.19	0.55	15.47	-904.30	-344.30	-1867.95	24.61	-1586.86	-361.86
607	-8.19	-0.55	15.47	-695.90	-284.19	-1380.72	34.17	-1161.51	-398.29
608	-8.15	-1.65	15.47	-500.10	-215.17	-898.23	45.58	-744.23	-401.20
609	-7.19	1.65	15.47	-116.20	-440.31	-3688.57	-129.23	-1787.97	-625.36
610	-7.22	0.55	15.47	-84.22	-400.11	-2899.06	-67.04	-1373.08	-678.85
611	-7.22	-0.55	15.47	-87.66	-326.99	-2114.81	-16.08	-983.53	-694.56
612	-7.19	-1.65	15.47	-118.08	-240.63	-1330.06	12.87	-612.03	-683.49
613	-6.23	1.65	15.47	-7.75	-637.36	-4456.66	-23.64	-1005.57	-951.77
614	-6.26	0.55	15.47	40.48	-540.31	-3439.11	95.61	-671.47	-919.45
615	-6.26	-0.55	15.47	7.77	-403.59	-2467.22	182.84	-434.81	-881.47
616	-6.23	-1.65	15.47	-76.78	-256.36	-1505.04	228.19	-252.21	-845.75
617	-5.27	1.65	15.47	-236.48	-834.44	-4362.72	-134.69	-111.94	-1223.25
618	-5.30	0.55	15.47	-121.32	-666.78	-3203.32	71.87	100.31	-1004.69
619	-5.30	-0.55	15.47	-96.76	-460.08	-2235.28	213.91	133.92	-864.42
620	-5.27	-1.65	15.47	-131.28	-258.24	-1327.35	289.12	68.36	-786.62
621	-4.31	1.65	15.47	-733.95	-1011.06	-3529.92	-100.61	314.62	-1495.28
622	-4.33	0.55	15.47	-580.70	-776.68	-2339.22	81.17	462.31	-1045.20
623	-4.33	-0.55	15.47	-449.01	-499.25	-1550.14	216.65	407.78	-773.38
624	-4.31	-1.65	15.47	-343.41	-249.56	-909.85	291.16	227.53	-637.98
625	-3.35	1.65	15.47	-709.17	-1041.31	-2743.62	-83.64	55.29	-1662.87
626	-3.37	0.55	15.47	-567.76	-787.48	-1533.31	39.46	181.44	-1054.25
627	-3.37	-0.55	15.47	-444.62	-475.79	-901.80	150.55	175.95	-677.29
628	-3.35	-1.65	15.47	-339.77	-207.33	-515.46	221.11	67.30	-491.22
629	-2.40	1.65	15.47	-631.52	-1075.00	-2508.09	-62.65	-97.43	-1777.85
630	-2.41	0.55	15.47	-483.17	-822.24	-1261.14	9.47	-10.75	-1086.93
631	-2.41	-0.55	15.47	-377.65	-489.08	-670.39	90.39	3.12	-636.81
632	-2.40	-1.65	15.47	-297.48	-200.64	-386.51	151.99	-56.64	-406.68
633	-1.44	1.65	15.47	-591.55	-1093.50	-2451.28	-51.24	-154.29	-1845.52
634	-1.44	0.55	15.47	-427.15	-851.53	-1181.44	-8.89	-99.60	-1118.07
635	-1.44	-0.55	15.47	-328.63	-510.72	-599.74	47.94	-88.46	-624.65
636	-1.44	-1.65	15.47	-264.76	-211.77	-360.99	98.10	-128.81	-361.05
637	-0.48	1.65	15.47	-588.77	-1105.35	-2462.57	-54.42	-171.60	-1881.50
638	-0.48	0.55	15.47	-413.71	-872.96	-1176.55	-23.75	-138.14	-1136.47
639	-0.48	-0.55	15.47	-315.73	-531.07	-596.41	15.65	-136.81	-619.43
640	-0.48	-1.65	15.47	-256.71	-229.73	-380.84	52.22	-171.52	-333.59
641	-15.27	1.65	13.78	-24.38	45.03	-116.85	97.23	-42.19	460.89
642	-15.34	0.55	13.78	-28.76	40.47	-74.35	96.65	-51.69	471.64
643	-15.34	-0.55	13.78	-34.03	36.52	-33.55	95.86	-64.37	476.87
644	-15.27	-1.65	13.78	-39.27	32.98	5.62	94.75	-77.32	476.33
645	-14.28	1.65	13.78	-127.21	39.54	-258.06	53.52	-179.16	404.00
646	-14.35	0.55	13.78	-111.52	27.77	-202.05	50.15	-165.20	405.46
647	-14.35	-0.55	13.78	-96.39	16.69	-148.20	48.93	-153.27	404.45
648	-14.28	-1.65	13.78	-82.10	6.57	-95.35	49.21	-142.60	400.69
649	-13.30	1.65	13.78	-247.08	30.98	-386.95	21.78	-324.47	334.62
650	-13.36	0.55	13.78	-209.42	13.38	-314.45	14.76	-282.85	326.55
651	-13.36	-0.55	13.78	-172.09	-2.94	-244.62	12.10	-243.13	320.16
652	-13.30	-1.65	13.78	-135.76	-17.62	-176.30	13.13	-204.80	314.87
653	-12.31	1.65	13.78	-378.25	18.97	-532.30	-9.29	-502.30	256.12
654	-12.37	0.55	13.78	-316.22	-3.59	-436.23	-20.75	-425.35	237.37
655	-12.37	-0.55	13.78	-254.12	-24.21	-343.73	-25.14	-349.93	225.12
656	-12.31	-1.65	13.78	-193.27	-42.48	-253.55	-23.55	-276.18	218.42
657	-11.33	1.65	13.78	-505.84	2.02	-737.84	-50.02	-726.46	162.49
658	-11.38	0.55	13.78	-418.03	-25.67	-603.41	-65.70	-602.99	130.69
659	-11.38	-0.55	13.78	-329.99	-50.13	-473.48	-71.05	-480.49	111.77
660	-11.33	-1.65	13.78	-243.85	-71.11	-346.84	-67.95	-360.11	104.10
661	-10.34	1.65	13.78	-596.93	-23.45	-1060.65	-106.26	-995.13	41.61
662	-10.39	0.55	13.78	-487.13	-56.69	-861.25	-123.50	-812.37	-5.57
663	-10.39	-0.55	13.78	-377.88	-84.04	-666.96	-127.30	-630.08	-31.38
664	-10.34	-1.65	13.78	-271.93	-106.06	-477.10	-120.75	-450.83	-38.67
665	-9.36	1.65	13.78	-588.18	-62.16	-1564.44	-176.92	-1264.01	-120.69
666	-9.40	0.55	13.78	-472.78	-100.70	-1258.42	-188.81	-1015.68	-182.86
667	-9.40	-0.55	13.78	-360.95	-128.31	-957.19	-185.80	-768.23	-213.43
668	-9.36	-1.65	13.78	-255.29	-147.69	-661.53	-172.97	-525.78	-217.43
669	-8.37	1.65	13.78	-390.15	-101.95	-2182.88	-248.62	-1369.81	-334.17
670	-8.41	0.55	13.78	-305.48	-147.37	-1738.99	-242.74	-1080.93	-401.43
671	-8.41	-0.55	13.78	-232.63	-173.58	-1299.65	-224.44	-798.20	-428.30
672	-8.37	-1.65	13.78	-171.68	-187.37	-867.86	-202.07	-525.61	-423.54
673	-7.39	1.65	13.78	-281.90	-183.10	-2816.31	-282.03	-1315.39	-578.07
674	-7.42	0.55	13.78	-206.71	-225.40	-2211.76	-252.25	-1004.88	-634.05
675	-7.42	-0.55	13.78	-156.35	-236.89	-1621.21	-213.99	-717.93	-644.01
676	-7.39	-1.65	13.78	-125.70	-230.39	-1046.18	-180.64	-453.00	-623.47
677	-6.40	1.65	13.78	-77.00	-259.99	-3320.89	-321.02	-1072.84	-841.83
678	-6.43	0.55	13.78	-47.61	-304.07	-2552.08	-257.50	-777.09	-860.66
679	-6.43	-0.55	13.78	-45.46	-297.24	-1827.57	-192.31	-528.50	-832.54
680	-6.40	-1.65	13.78	-66.14	-264.29	-1139.98	-146.75	-318.77	-787.17
681	-5.42	1.65	13.78	-41.66	-352.09	-3579.72	-274.98	-698.83	-1092.90
682	-5.44	0.55	13.78	-40.24	-400.39	-2669.43	-196.76	-457.02	-1054.86
683	-5.44	-0.55	13.78	-56.27	-364.59	-1856.19	-115.44	-281.66	-967.78
684	-5.42	-1.65	13.78	-91.48	-290.78	-1118.14	-63.67	-160.49	-890.20
685	-4.43	1.65	13.78	-137.83	-430.07	-3550.43	-234.70	-357.01	-1286.97
686	-4.45	0.55	13.78	-132.71	-488.88	-2546.51	-147.02	-186.66	-1184.01
687	-4.45	-0.55	13.78	-136.22	-425.48	-1706.17	-58.53	-90.92	-1027.68
688	-4.43	-1.65	13.78	-153.29	-308.62	-991.05	-3.06	-55.91	-914.16
689	-3.45	1.65	13.78	-327.79	-500.18	-3346.54	-177.23	-171.01	-1434.16
690	-3.46	0.55	13.78	-305.85	-566.45	-2297.60	-102.62	-58.72	-1266.18
691	-3.46	-0.55	13.78	-275.02	-481.26	-1477.05	-25.69	-15.68	-1043.92
692	-3.45	-1.65	13.78	-247.54	-326.48	-831.21	24.22	-29.55	-894.40
693	-2.46	1.65	13.78	-408.28	-534.78	-3146.23	-124.00	-160.90	-1529.62



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]
694	-2.47	0.55	13.78	-374.95	-610.60	-2076.35	-73.08	-89.26	-1314.69
695	-2.47	-0.55	13.78	-329.57	-515.70	-1284.91	-15.30	-64.78	-1043.25
696	-2.46	-1.65	13.78	-283.96	-337.49	-707.97	24.94	-83.76	-864.02
697	-1.48	1.65	13.78	-437.98	-554.34	-3064.17	-79.95	-182.22	-1584.95
698	-1.48	0.55	13.78	-392.93	-641.40	-1981.85	-51.22	-142.78	-1344.69
699	-1.48	-0.55	13.78	-341.19	-543.15	-1204.19	-13.50	-130.40	-1041.42
700	-1.48	-1.65	13.78	-289.91	-351.02	-666.61	14.76	-147.03	-840.20
701	-0.49	1.65	13.78	-450.79	-565.61	-3064.36	-46.82	-204.09	-1610.77
702	-0.49	0.55	13.78	-398.14	-661.86	-1974.59	-33.74	-188.34	-1359.66
703	-0.49	-0.55	13.78	-343.16	-563.42	-1202.00	-14.46	-187.09	-1039.11
704	-0.49	-1.65	13.78	-289.07	-364.54	-684.18	-0.12	-201.82	-824.59
705	-15.68	1.65	12.09	-45.39	36.96	-346.93	70.16	-125.41	380.57
706	-15.75	0.55	12.09	-43.97	38.03	-262.68	69.21	-117.89	390.06
707	-15.75	-0.55	12.09	-43.35	39.74	-182.00	67.81	-113.58	395.08
708	-15.68	-1.65	12.09	-42.73	41.68	-104.10	65.82	-109.95	395.44
709	-14.67	1.65	12.09	-133.72	38.04	-448.93	16.60	-276.74	358.18
710	-14.73	0.55	12.09	-115.30	31.28	-357.54	11.46	-248.00	356.88
711	-14.73	-0.55	12.09	-96.86	24.93	-269.74	8.55	-220.92	353.84
712	-14.67	-1.65	12.09	-78.86	19.18	-183.91	7.42	-194.86	348.90
713	-13.65	1.65	12.09	-221.26	38.13	-574.72	-34.87	-425.89	312.48
714	-13.72	0.55	12.09	-185.89	23.02	-468.62	-43.93	-372.20	300.16
715	-13.72	-0.55	12.09	-149.87	8.62	-365.98	-48.18	-319.51	290.11
716	-13.65	-1.65	12.09	-114.26	-4.59	-265.40	-48.07	-267.67	282.02
717	-12.64	1.65	12.09	-302.95	36.48	-731.59	-85.99	-583.86	245.41
718	-12.70	0.55	12.09	-251.40	12.91	-601.54	-98.75	-500.69	221.80
719	-12.70	-0.55	12.09	-198.47	-9.58	-475.04	-104.01	-417.68	205.16
720	-12.64	-1.65	12.09	-146.05	-30.14	-350.98	-102.45	-335.52	194.98
721	-11.63	1.65	12.09	-365.09	32.43	-938.38	-139.39	-753.31	156.43
722	-11.69	0.55	12.09	-300.03	-0.03	-771.68	-155.00	-635.67	120.68
723	-11.69	-0.55	12.09	-233.22	-30.64	-608.46	-160.36	-517.10	97.70
724	-11.63	-1.65	12.09	-167.30	-58.27	-448.24	-156.58	-399.59	86.59
725	-10.62	1.65	12.09	-387.71	24.83	-1215.37	-195.88	-921.27	42.20
726	-10.67	0.55	12.09	-315.31	-17.11	-995.02	-212.10	-766.00	-6.16
727	-10.67	-0.55	12.09	-241.70	-55.66	-777.47	-215.65	-608.86	-34.65
728	-10.62	-1.65	12.09	-169.98	-89.64	-563.62	-208.36	-453.43	-44.91
729	-9.61	1.65	12.09	-353.96	12.99	-1562.36	-252.00	-1053.61	-100.56
730	-9.65	0.55	12.09	-284.06	-38.96	-1270.07	-264.93	-863.30	-160.06
731	-9.65	-0.55	12.09	-215.18	-84.81	-979.46	-263.72	-671.43	-191.65
732	-9.61	-1.65	12.09	-150.02	-123.75	-693.78	-251.44	-482.98	-198.30
733	-8.60	1.65	12.09	-289.82	-9.84	-1965.37	-299.57	-1128.03	-270.36
734	-8.64	0.55	12.09	-228.32	-70.53	-1582.33	-304.95	-908.68	-337.04
735	-8.64	-0.55	12.09	-171.41	-120.79	-1201.11	-296.07	-690.93	-367.36
736	-8.60	-1.65	12.09	-120.57	-160.90	-827.71	-277.76	-480.07	-366.77
737	-7.59	1.65	12.09	-170.12	-38.34	-2377.53	-334.92	-1106.22	-462.79
738	-7.62	0.55	12.09	-133.01	-107.54	-1891.40	-327.75	-874.17	-528.82
739	-7.62	-0.55	12.09	-102.89	-159.78	-1410.61	-308.22	-649.42	-550.93
740	-7.59	-1.65	12.09	-80.41	-197.34	-943.65	-283.55	-436.58	-538.76
741	-6.57	1.65	12.09	-85.61	-81.20	-2737.71	-338.41	-985.55	-662.21
742	-6.60	0.55	12.09	-70.62	-155.39	-2148.16	-319.12	-761.91	-718.66
743	-6.60	-0.55	12.09	-63.62	-204.51	-1571.76	-289.70	-552.66	-724.89
744	-6.57	-1.65	12.09	-64.52	-232.64	-1019.31	-260.11	-360.90	-697.17
745	-5.56	1.65	12.09	-31.01	-128.29	-2989.76	-323.42	-803.12	-850.03
746	-5.59	0.55	12.09	-37.10	-205.55	-2311.04	-292.31	-605.93	-888.90
747	-5.59	-0.55	12.09	-49.84	-249.23	-1657.04	-254.75	-430.06	-872.80
748	-5.56	-1.65	12.09	-68.84	-263.73	-1041.20	-222.12	-276.57	-826.54
749	-4.55	1.65	12.09	-37.90	-179.02	-3123.33	-279.95	-603.98	-1013.95
750	-4.57	0.55	12.09	-57.57	-257.11	-2375.78	-243.96	-445.29	-1029.15
751	-4.57	-0.55	12.09	-78.55	-292.97	-1669.08	-203.80	-313.07	-986.70
752	-4.55	-1.65	12.09	-101.91	-290.63	-1017.64	-171.79	-205.82	-920.83
753	-3.54	1.65	12.09	-81.42	-223.15	-3157.75	-225.69	-434.37	-1141.83
754	-3.56	0.55	12.09	-104.15	-302.42	-2363.01	-190.34	-319.34	-1131.74
755	-3.56	-0.55	12.09	-123.41	-330.41	-1629.44	-152.46	-231.04	-1062.64
756	-3.54	-1.65	12.09	-141.41	-311.86	-969.09	-123.67	-166.89	-978.41
757	-2.53	1.65	12.09	-147.59	-259.18	-3140.58	-165.76	-318.46	-1232.81
758	-2.54	0.55	12.09	-165.92	-340.12	-2318.85	-137.76	-244.06	-1200.41
759	-2.54	-0.55	12.09	-175.65	-361.62	-1577.27	-107.78	-192.06	-1108.06
760	-2.53	-1.65	12.09	-180.54	-329.57	-925.00	-85.25	-160.17	-1008.21
761	-1.52	1.65	12.09	-190.22	-282.06	-3122.73	-107.04	-258.09	-1288.46
762	-1.52	0.55	12.09	-203.21	-365.24	-2288.05	-89.95	-217.68	-1240.97
763	-1.52	-0.55	12.09	-205.38	-383.34	-1547.12	-71.01	-191.65	-1132.29
764	-1.52	-1.65	12.09	-200.64	-342.61	-907.51	-56.81	-179.10	-1021.14
765	-0.51	1.65	12.09	-205.20	-295.10	-3141.93	-51.43	-222.54	-1313.93
766	-0.51	0.55	12.09	-214.92	-380.21	-2301.63	-46.15	-211.10	-1259.25
767	-0.51	-0.55	12.09	-213.11	-397.10	-1561.80	-39.59	-205.62	-1142.09
768	-0.51	-1.65	12.09	-203.23	-351.93	-929.98	-35.03	-205.97	-1024.96
769	-16.09	1.65	10.41	-60.51	10.78	-585.94	49.02	-191.71	291.10
770	-16.16	0.55	10.41	-55.26	15.87	-465.79	48.63	-171.04	297.03
771	-16.16	-0.55	10.41	-50.75	21.65	-350.09	47.73	-153.14	300.34
772	-16.09	-1.65	10.41	-46.39	27.69	-237.81	46.20	-136.14	300.81
773	-15.05	1.65	10.41	-130.51	13.46	-644.02	1.93	-330.53	288.09
774	-15.12	0.55	10.41	-112.89	12.44	-521.51	-2.93	-293.89	284.34
775	-15.12	-0.55	10.41	-95.08	11.73	-403.48	-5.97	-258.37	279.87
776	-15.05	-1.65	10.41	-77.49	11.40	-288.17	-7.48	-223.55	274.53
777	-14.01	1.65	10.41	-191.12	16.98	-738.39	-47.25	-465.58	261.86
778	-14.07	0.55	10.41	-161.98	8.56	-605.82	-55.97	-409.61	247.69
779	-14.07	-0.55	10.41	-131.96	0.43	-477.28	-60.55	-353.73	235.96
780	-14.01	-1.65	10.41	-102.02	-6.96	-351.33	-61.28	-298.09	226.54
781	-12.97	1.65	10.41	-239.72	20.44	-868.60	-97.49	-597.34	213.00
782	-13.03	0.55	10.41	-200.73	3.78	-717.33	-109.43	-519.30	188.20
783	-13.03	-0.55	10.41	-160.21	-12.50	-569.67	-114.94	-440.33	169.76
784	-12.97	-1.65	10.41	-119.76	-27.51	-424.60	-114.43	-361.38	157.45
785	-11.94	1.65	10.41	-270.02	23.20	-1038.33	-147.94	-723.52	141.98
786	-11.99	0.55	10.41	-223.97	-2.45	-858.61	-162.21	-621.42	106.35
787	-11.99	-0.55	10.41	-176.05	-27.39	-681.88	-167.86	-517.35	81.80
788	-11.94	-1.65	10.41	-128.40	-50.28	-507.91	-165.50	-413.32	67.95
789	-10.90	1.65	10.41	-275.05	24.47	-1250.62	-197.16	-835.98	48.94
790	-10.95	0.55	10.41	-226.14	-10.79	-1031.62	-212.35	-709.35	2.60
791	-10.95	-0.55	10.41	-175.58	-44.63	-814.68	-217.00	-579.97	-27.09
792	-10.90	-1.65	10.41	-125.80	-75.33	-600.86	-212.06	-451.03	-40.88

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]
793	-9.86	1.65	10.41	-253.00	22.60	-1504.41	-242.44	-923.12	-65.47
794	-9.90	0.55	10.41	-206.20	-22.49	-1234.58	-256.56	-773.62	-121.62
795	-9.90	-0.55	10.41	-158.67	-64.91	-965.72	-258.77	-621.32	-154.88
796	-9.86	-1.65	10.41	-112.70	-102.67	-700.77	-250.59	-470.37	-166.64
797	-8.82	1.65	10.41	-200.65	17.16	-1787.32	-280.05	-967.69	-199.20
798	-8.86	0.55	10.41	-162.87	-37.74	-1456.37	-290.61	-800.91	-262.92
799	-8.86	-0.55	10.41	-125.68	-87.95	-1125.61	-288.85	-632.27	-297.23
800	-8.82	-1.65	10.41	-90.86	-131.48	-800.38	-277.01	-466.60	-304.62
801	-7.78	1.65	10.41	-138.10	5.32	-2077.99	-303.87	-960.05	-346.81
802	-7.82	0.55	10.41	-113.07	-58.21	-1678.77	-308.99	-784.51	-414.56
803	-7.82	-0.55	10.41	-90.11	-114.29	-1280.11	-302.39	-609.43	-446.69
804	-7.78	-1.65	10.41	-70.10	-161.19	-889.79	-287.08	-439.50	-447.32
805	-6.75	1.65	10.41	-70.43	-11.84	-2348.75	-312.01	-898.71	-500.60
806	-6.78	0.55	10.41	-62.22	-82.46	-1879.12	-310.13	-725.22	-567.49
807	-6.78	-0.55	10.41	-56.87	-142.30	-1412.74	-298.43	-555.71	-593.85
808	-6.75	-1.65	10.41	-54.42	-190.09	-959.00	-280.45	-393.74	-585.66
809	-5.71	1.65	10.41	-21.86	-35.38	-2575.89	-299.59	-792.38	-650.83
810	-5.73	0.55	10.41	-29.68	-110.51	-2039.24	-291.48	-632.74	-711.48
811	-5.73	-0.55	10.41	-39.94	-171.35	-1511.82	-275.90	-480.79	-728.83
812	-5.71	-1.65	10.41	-52.22	-217.18	-1002.79	-256.78	-338.42	-710.52
813	-4.67	1.65	10.41	4.17	-61.38	-2743.51	-269.92	-661.77	-786.19
814	-4.69	0.55	10.41	-16.73	-139.21	-2149.64	-257.63	-526.08	-836.95
815	-4.69	-0.55	10.41	-38.64	-199.10	-1573.27	-240.08	-400.39	-843.18
816	-4.67	-1.65	10.41	-61.09	-240.96	-1022.21	-221.51	-285.42	-814.39
817	-3.63	1.65	10.41	5.42	-86.99	-2853.77	-225.12	-528.63	-898.31
818	-3.65	0.55	10.41	-24.02	-166.47	-2216.39	-212.00	-423.06	-938.12
819	-3.65	-0.55	10.41	-51.93	-224.26	-1605.00	-195.28	-328.07	-932.72
820	-3.63	-1.65	10.41	-78.37	-260.99	-1026.34	-179.23	-243.56	-894.09
821	-2.59	1.65	10.41	-5.20	-108.57	-2921.60	-171.51	-409.15	-982.15
822	-2.61	0.55	10.41	-38.61	-189.14	-2254.52	-160.38	-336.00	-1012.01
823	-2.61	-0.55	10.41	-68.18	-244.73	-1621.32	-147.01	-272.08	-996.30
824	-2.59	-1.65	10.41	-94.45	-276.51	-1027.66	-135.06	-216.84	-949.55
825	-1.56	1.65	10.41	-17.57	-124.80	-2968.57	-113.34	-307.96	-1036.75
826	-1.56	0.55	10.41	-51.86	-205.99	-2283.74	-106.73	-266.74	-1059.10
827	-1.56	-0.55	10.41	-80.26	-259.83	-1638.99	-98.88	-231.79	-1035.85
828	-1.56	-1.65	10.41	-103.88	-287.72	-1038.86	-92.35	-202.44	-983.54
829	-0.52	1.65	10.41	-17.88	-133.88	-3013.56	-53.42	-220.60	-1062.45
830	-0.52	0.55	10.41	-52.17	-215.51	-2320.41	-53.07	-210.05	-1081.08
831	-0.52	-0.55	10.41	-79.38	-268.54	-1670.85	-52.14	-201.40	-1054.24
832	-0.52	-1.65	10.41	-100.91	-294.39	-1068.58	-51.82	-194.37	-999.52
833	-16.50	1.65	8.72	-71.81	-23.47	-795.74	32.52	-243.41	213.77
834	-16.57	0.55	8.72	-64.06	-15.82	-650.49	33.18	-213.67	215.00
835	-16.57	-0.55	8.72	-57.05	-7.37	-509.69	33.38	-186.12	215.60
836	-16.50	-1.65	8.72	-50.36	1.44	-372.43	32.98	-159.48	215.33
837	-15.43	1.65	8.72	-126.87	-22.13	-818.34	-2.90	-361.63	219.35
838	-15.50	0.55	8.72	-110.82	-18.32	-673.08	-6.33	-321.02	212.72
839	-15.50	-0.55	8.72	-94.63	-14.10	-532.49	-8.49	-281.03	206.58
840	-15.43	-1.65	8.72	-78.58	-9.54	-395.02	-9.55	-241.47	200.78
841	-14.37	1.65	8.72	-171.26	-18.74	-875.51	-42.04	-476.51	205.78
842	-14.43	0.55	8.72	-147.66	-20.19	-724.29	-49.11	-422.18	190.24
843	-14.43	-0.55	8.72	-123.26	-21.44	-577.42	-53.07	-367.32	177.42
844	-14.37	-1.65	8.72	-98.77	-22.25	-433.52	-54.08	-312.27	167.26
845	-13.31	1.65	8.72	-203.05	-14.06	-966.21	-83.25	-584.40	172.45
846	-13.36	0.55	8.72	-173.39	-21.91	-802.29	-93.36	-514.41	147.61
847	-13.36	-0.55	8.72	-142.36	-29.70	-642.21	-98.53	-442.85	128.42
848	-13.31	-1.65	8.72	-111.15	-36.76	-484.99	-98.99	-370.71	114.89
849	-12.24	1.65	8.72	-219.58	-8.81	-1089.96	-124.82	-681.60	119.72
850	-12.29	0.55	8.72	-186.04	-23.99	-906.05	-137.25	-594.96	85.39
851	-12.29	-0.55	8.72	-150.78	-39.12	-725.28	-142.99	-505.81	60.38
852	-12.24	-1.65	8.72	-115.41	-53.06	-547.31	-142.35	-415.93	44.62
853	-11.18	1.65	8.72	-218.43	-3.76	-1245.87	-164.81	-763.22	48.41
854	-11.22	0.55	8.72	-183.88	-27.03	-1034.29	-178.61	-660.06	4.74
855	-11.22	-0.55	8.72	-147.62	-50.01	-824.91	-184.16	-553.69	-25.33
856	-11.18	-1.65	8.72	-111.44	-71.15	-618.39	-181.94	-446.73	-42.02
857	-10.11	1.65	8.72	-198.08	0.32	-1430.18	-200.87	-822.33	-39.96
858	-10.15	0.55	8.72	-166.11	-31.51	-1183.35	-214.80	-704.43	-92.36
859	-10.15	-0.55	8.72	-132.79	-62.54	-937.66	-219.30	-583.01	-126.39
860	-10.11	-1.65	8.72	-99.91	-90.84	-695.12	-215.10	-461.44	-142.55
861	-9.05	1.65	8.72	-161.93	2.30	-1635.30	-230.01	-852.28	-142.72
862	-9.09	0.55	8.72	-136.01	-38.16	-1346.47	-242.76	-723.17	-202.65
863	-9.09	-0.55	8.72	-109.39	-76.95	-1057.80	-245.42	-590.82	-239.16
864	-9.05	-1.65	8.72	-83.59	-111.87	-772.97	-239.03	-459.11	-253.25
865	-7.98	1.65	8.72	-113.49	1.66	-1849.10	-249.48	-847.69	-255.88
866	-8.02	0.55	8.72	-97.12	-47.13	-1513.34	-259.73	-712.79	-321.42
867	-8.02	-0.55	8.72	-80.78	-92.96	-1177.29	-259.93	-575.61	-358.61
868	-7.98	-1.65	8.72	-65.48	-133.55	-846.33	-251.49	-440.16	-369.11
869	-6.92	1.65	8.72	-62.79	-2.39	-2057.14	-256.24	-807.38	-373.78
870	-6.95	0.55	8.72	-57.95	-58.73	-1672.26	-263.26	-673.59	-442.57
871	-6.95	-0.55	8.72	-53.60	-110.36	-1287.55	-260.87	-539.02	-478.44
872	-6.92	-1.65	8.72	-50.26	-155.19	-909.96	-250.88	-407.37	-484.07
873	-5.85	1.65	8.72	-15.92	-9.28	-2245.12	-249.28	-735.65	-489.58
874	-5.88	0.55	8.72	-23.48	-72.23	-1812.48	-252.86	-610.43	-559.21
875	-5.88	-0.55	8.72	-31.46	-128.20	-1381.49	-248.25	-486.09	-591.92
876	-5.85	-1.65	8.72	-40.04	-175.72	-960.44	-237.56	-365.73	-591.87
877	-4.79	1.65	8.72	20.03	-18.65	-2403.44	-228.27	-640.70	-596.40
878	-4.81	0.55	8.72	1.09	-86.82	-1927.65	-228.96	-531.04	-664.63
879	-4.81	-0.55	8.72	-17.61	-145.61	-1456.09	-223.11	-423.77	-692.89
880	-4.79	-1.65	8.72	-36.10	-194.30	-997.79	-212.84	-321.02	-686.95
881	-3.73	1.65	8.72	44.43	-29.06	-2528.30	-195.12	-533.00	-687.85
882	-3.74	0.55	8.72	16.35	-100.90	-2016.64	-194.09	-444.59	-753.13
883	-3.74	-0.55	8.72	-10.48	-161.30	-1512.63	-188.24	-359.30	-776.53
884	-3.73	-1.65	8.72	-36.11	-210.04	-1025.25	-179.53	-278.39	-765.16
885	-2.66	1.65	8.72	59.24	-38.88	-2622.67	-152.38	-421.47	-759.04
886	-2.67	0.55	8.72	24.78	-113.16	-2084.06	-151.15	-358.02	-820.99
887	-2.67	-0.55	8.72	-7.21	-174.28	-1556.50	-146.68	-297.49	-839.99
888	-2.66	-1.65	8.72	-37.00	-222.43	-1048.54	-140.56	-240.45	-824.25
889	-1.60	1.65	8.72	70.42	-46.33	-2693.46	-103.33	-310.96	-806.77
890	-1.60	0.55	8.72	32.16	-122.17	-2137.14	-103.26	-274.45	-866.18
891	-1.60	-0.55	8.72	-2.61	-183.59	-1594.54	-101.30	-239.71	-882.08

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]
892	-1.60	-1.65	8.72	-34.40	-231.07	-1073.70	-98.57	-206.92	-863.55
893	-0.53	1.65	8.72	82.79	-50.31	-2747.81	-50.93	-200.84	-829.48
894	-0.53	0.55	8.72	42.87	-127.05	-2182.70	-52.96	-192.10	-887.96
895	-0.53	-0.55	8.72	7.02	-188.65	-1632.65	-54.30	-183.27	-902.71
896	-0.53	-1.65	8.72	-25.45	-235.77	-1105.29	-55.43	-174.40	-883.30
897	-16.91	1.65	7.03	-80.90	-61.35	-969.23	20.01	-285.02	153.53
898	-16.98	0.55	7.03	-71.58	-51.94	-808.98	21.99	-249.49	149.82
899	-16.98	-0.55	7.03	-63.02	-41.60	-652.64	23.56	-215.48	147.24
900	-16.91	-1.65	7.03	-54.95	-30.75	-499.63	24.56	-182.25	145.52
901	-15.82	1.65	7.03	-126.09	-62.40	-964.54	-3.37	-384.81	161.74
902	-15.88	0.55	7.03	-111.48	-54.78	-804.97	-4.86	-342.09	151.69
903	-15.88	-0.55	7.03	-96.82	-46.54	-649.78	-5.61	-299.50	143.38
904	-15.82	-1.65	7.03	-82.31	-37.90	-497.79	-5.77	-257.06	136.69
905	-14.73	1.65	7.03	-162.13	-60.74	-986.94	-30.70	-480.40	154.67
906	-14.79	0.55	7.03	-142.60	-56.11	-824.23	-35.54	-428.29	137.23
907	-14.79	-0.55	7.03	-122.38	-51.18	-665.89	-38.30	-375.23	123.05
908	-14.73	-1.65	7.03	-101.99	-45.92	-510.77	-39.10	-321.65	112.13
909	-13.64	1.65	7.03	-186.60	-56.82	-1037.62	-60.72	-567.39	131.47
910	-13.69	0.55	7.03	-163.19	-56.34	-867.13	-68.52	-504.55	106.18
911	-13.69	-0.55	7.03	-138.58	-55.84	-700.71	-72.86	-439.79	86.29
912	-13.64	-1.65	7.03	-113.63	-54.95	-537.43	-73.85	-374.06	71.86
913	-12.55	1.65	7.03	-197.63	-51.29	-1116.68	-91.87	-642.30	92.28
914	-12.60	0.55	7.03	-171.95	-55.97	-933.19	-102.10	-568.19	58.93
915	-12.60	-0.55	7.03	-144.75	-60.84	-753.21	-107.51	-491.33	33.71
916	-12.55	-1.65	7.03	-117.17	-65.14	-576.24	-108.21	-413.28	16.69
917	-11.45	1.65	7.03	-194.10	-44.83	-1222.70	-122.36	-701.72	38.00
918	-11.50	0.55	7.03	-168.23	-55.51	-1020.76	-134.32	-616.71	-3.34
919	-11.50	-0.55	7.03	-140.75	-66.47	-821.50	-140.20	-528.34	-33.33
920	-11.45	-1.65	7.03	-112.98	-76.56	-625.13	-140.18	-438.74	-51.92
921	-10.36	1.65	7.03	-176.34	-38.21	-1352.37	-150.11	-742.15	-29.75
922	-10.41	0.55	7.03	-152.64	-55.51	-1126.62	-162.97	-647.64	-78.74
923	-10.41	-0.55	7.03	-127.49	-73.02	-902.55	-168.71	-549.41	-112.73
924	-10.36	-1.65	7.03	-102.24	-89.18	-681.34	-167.63	-450.15	-131.81
925	-9.27	1.65	7.03	-145.89	-32.10	-1500.01	-172.92	-760.05	-108.56
926	-9.31	0.55	7.03	-126.86	-56.38	-1245.70	-185.76	-658.62	-164.53
927	-9.31	-0.55	7.03	-106.74	-80.59	-992.02	-190.78	-553.42	-201.59
928	-9.27	-1.65	7.03	-86.71	-102.83	-741.37	-188.45	-447.59	-220.06
929	-8.18	1.65	7.03	-106.61	-27.25	-1657.78	-188.57	-752.96	-195.14
930	-8.21	0.55	7.03	-94.42	-58.52	-1371.31	-200.52	-648.24	-257.07
931	-8.21	-0.55	7.03	-81.55	-89.22	-1084.58	-204.40	-540.11	-296.12
932	-8.18	-1.65	7.03	-68.95	-117.18	-801.34	-200.84	-431.91	-312.96
933	-7.09	1.65	7.03	-62.68	-24.05	-1816.45	-195.27	-720.21	-285.35
934	-7.12	0.55	7.03	-58.99	-62.01	-1495.93	-205.66	-616.77	-351.96
935	-7.12	-0.55	7.03	-54.99	-98.67	-1174.62	-208.17	-510.58	-391.86
936	-7.09	-1.65	7.03	-51.26	-131.72	-857.61	-203.62	-404.93	-406.21
937	-6.00	1.65	7.03	-19.34	-22.78	-1966.99	-191.82	-663.51	-374.43
938	-6.02	0.55	7.03	-24.84	-66.75	-1612.58	-200.25	-566.38	-444.25
939	-6.02	-0.55	7.03	-30.23	-108.58	-1257.37	-201.47	-467.36	-483.97
940	-6.00	-1.65	7.03	-35.72	-145.85	-907.62	-196.40	-369.43	-495.25
941	-4.91	1.65	7.03	19.91	-23.16	-2101.91	-178.05	-586.86	-457.31
942	-4.93	0.55	7.03	5.41	-72.29	-1715.94	-184.49	-501.01	-529.01
943	-4.93	-0.55	7.03	-8.92	-118.31	-1329.71	-184.75	-414.13	-567.74
944	-4.91	-1.65	7.03	-23.00	-158.84	-950.35	-179.80	-328.68	-575.75
945	-3.82	1.65	7.03	52.77	-24.73	-2216.63	-154.65	-495.34	-529.22
946	-3.83	0.55	7.03	30.36	-78.02	-1803.38	-159.41	-425.20	-601.74
947	-3.83	-0.55	7.03	8.43	-127.22	-1390.80	-159.26	-354.65	-639.07
948	-3.82	-1.65	7.03	-12.78	-170.07	-986.57	-155.13	-285.54	-644.04
949	-2.73	1.65	7.03	79.33	-26.72	-2309.46	-123.28	-393.93	-586.09
950	-2.74	0.55	7.03	50.72	-83.14	-1874.69	-126.85	-342.99	-658.82
951	-2.74	-0.55	7.03	23.00	-134.56	-1441.67	-126.92	-291.89	-694.77
952	-2.73	-1.65	7.03	-3.51	-178.96	-1018.31	-124.23	-241.84	-697.35
953	-1.64	1.65	7.03	100.74	-28.37	-2380.87	-86.09	-286.09	-624.81
954	-1.64	0.55	7.03	67.96	-86.89	-1931.34	-89.03	-256.77	-697.66
955	-1.64	-0.55	7.03	36.47	-139.76	-1484.39	-89.87	-227.10	-732.75
956	-1.64	-1.65	7.03	6.51	-185.11	-1047.98	-89.12	-197.77	-733.90
957	-0.55	1.65	7.03	118.65	-28.96	-2431.90	-45.62	-173.35	-643.37
958	-0.55	0.55	7.03	83.84	-88.63	-1974.82	-48.29	-166.98	-716.68
959	-0.55	-0.55	7.03	50.47	-142.32	-1520.60	-50.26	-159.79	-751.78
960	-0.55	-1.65	7.03	18.76	-188.24	-1077.17	-51.69	-152.00	-752.70
961	-17.32	1.65	5.34	-90.33	-102.36	-1114.35	12.26	-321.84	110.02
962	-17.39	0.55	5.34	-80.09	-91.09	-946.38	15.72	-282.72	101.60
963	-17.39	-0.55	5.34	-70.59	-78.75	-781.55	18.72	-244.44	95.67
964	-17.32	-1.65	5.34	-61.69	-65.74	-619.59	21.10	-206.68	92.01
965	-16.20	1.65	5.34	-131.14	-105.56	-1085.38	-0.48	-409.22	117.36
966	-16.26	0.55	5.34	-117.41	-94.41	-918.14	0.02	-364.88	103.42
967	-16.26	-0.55	5.34	-103.68	-82.47	-754.81	0.75	-320.18	92.43
968	-16.20	-1.65	5.34	-90.09	-70.02	-594.59	1.63	-275.35	84.29
969	-15.09	1.65	5.34	-164.58	-105.57	-1074.47	-16.39	-488.52	112.14
970	-15.14	0.55	5.34	-147.48	-95.45	-906.22	-19.05	-437.70	91.98
971	-15.14	-0.55	5.34	-129.78	-84.89	-742.23	-20.55	-385.61	75.87
972	-15.09	-1.65	5.34	-111.82	-74.05	-581.58	-20.94	-332.78	63.82
973	-13.97	1.65	5.34	-187.06	-102.54	-1086.64	-35.52	-556.48	93.50
974	-14.02	0.55	5.34	-167.27	-94.51	-914.53	-41.15	-498.51	66.85
975	-14.02	-0.55	5.34	-146.39	-86.43	-746.67	-44.61	-438.48	45.82
976	-13.97	-1.65	5.34	-125.05	-78.18	-582.19	-45.90	-377.30	30.48
977	-12.85	1.65	5.34	-196.35	-97.06	-1124.23	-56.86	-611.24	61.92
978	-12.90	0.55	5.34	-175.05	-92.13	-944.70	-65.07	-546.00	28.69
979	-12.90	-0.55	5.34	-152.37	-87.51	-769.05	-70.04	-478.07	3.09
980	-12.85	-1.65	5.34	-129.16	-82.76	-596.67	-71.75	-408.74	-14.79
981	-11.73	1.65	5.34	-192.01	-89.87	-1186.92	-78.91	-651.47	18.51
982	-11.78	0.55	5.34	-170.74	-88.93	-996.02	-89.11	-579.46	-21.24
983	-11.78	-0.55	5.34	-148.02	-88.60	-808.33	-95.05	-504.25	-50.99
984	-11.73	-1.65	5.34	-124.82	-88.09	-623.69	-96.73	-427.56	-70.62
985	-10.62	1.65	5.34	-174.90	-81.72	-1271.96	-99.84	-675.72	-35.14
986	-10.66	0.55	5.34	-155.41	-85.50	-1065.75	-111.33	-598.09	-81.23
987	-10.66	-0.55	5.34	-134.60	-90.08	-861.83	-117.69	-516.92	-114.60
988	-10.62	-1.65	5.34	-113.45	-94.30	-660.75	-118.97	-434.32	-135.20
989	-9.50	1.65	5.34	-147.11	-73.36	-1374.67	-117.74	-682.42	-96.94
990	-9.53	0.55	5.34	-131.17	-82.34	-1149.61	-129.80	-601.03	-149.00

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]
991	-9.53	-0.55	5.34	-114.17	-92.20	-925.79	-136.07	-515.94	-185.41
992	-9.50	-1.65	5.34	-96.99	-101.41	-704.66	-136.70	-429.62	-206.22
993	-8.38	1.65	5.34	-111.42	-65.42	-1489.00	-130.85	-670.31	-164.30
994	-8.41	0.55	5.34	-100.61	-79.83	-1242.31	-142.76	-587.68	-221.78
995	-8.41	-0.55	5.34	-89.08	-95.05	-995.84	-148.54	-501.45	-260.57
996	-8.38	-1.65	5.34	-77.53	-109.24	-752.03	-148.42	-414.25	-280.89
997	-7.26	1.65	5.34	-71.27	-58.40	-1608.13	-137.70	-638.93	-234.11
998	-7.29	0.55	5.34	-66.76	-78.20	-1338.19	-148.84	-558.18	-296.30
999	-7.29	-0.55	5.34	-61.88	-98.60	-1067.54	-153.85	-474.13	-336.80
1000	-7.26	-1.65	5.34	-57.07	-117.52	-799.71	-153.06	-389.44	-356.05
1001	-6.15	1.65	5.34	-29.97	-52.59	-1725.28	-137.32	-589.02	-302.88
1002	-6.17	0.55	5.34	-32.41	-77.48	-1431.78	-147.24	-513.62	-368.95
1003	-6.17	-0.55	5.34	-34.75	-102.64	-1136.91	-151.37	-435.37	-410.52
1004	-6.15	-1.65	5.34	-37.17	-125.81	-845.20	-150.12	-356.80	-428.30
1005	-5.03	1.65	5.34	9.46	-48.12	-1834.41	-129.39	-522.47	-366.95
1006	-5.05	0.55	5.34	0.08	-77.57	-1518.55	-137.81	-455.96	-436.06
1007	-5.05	-0.55	5.34	-9.37	-106.87	-1200.90	-141.12	-387.12	-478.17
1008	-5.03	-1.65	5.34	-18.79	-133.66	-886.91	-139.73	-318.20	-494.30
1009	-3.91	1.65	5.34	44.99	-44.89	-1930.82	-114.28	-442.00	-422.75
1010	-3.93	0.55	5.34	29.29	-78.16	-1595.19	-121.12	-387.68	-494.13
1011	-3.93	-0.55	5.34	13.46	-110.86	-1257.62	-123.77	-331.51	-536.44
1012	-3.91	-1.65	5.34	-2.17	-140.58	-924.23	-122.62	-275.34	-551.03
1013	-2.79	1.65	5.34	75.44	-42.66	-2011.33	-93.02	-350.59	-467.13
1014	-2.80	0.55	5.34	54.57	-78.91	-1659.75	-98.32	-311.21	-540.16
1015	-2.80	-0.55	5.34	33.61	-114.20	-1306.19	-100.53	-270.39	-582.57
1016	-2.79	-1.65	5.34	12.99	-146.13	-957.28	-99.99	-229.46	-595.95
1017	-1.68	1.65	5.34	100.45	-41.09	-2073.96	-67.19	-250.87	-497.54
1018	-1.68	0.55	5.34	75.95	-79.41	-1711.15	-71.02	-228.50	-571.81
1019	-1.68	-0.55	5.34	51.39	-116.50	-1346.36	-73.01	-204.97	-614.41
1020	-1.68	-1.65	5.34	27.28	-149.94	-986.46	-73.35	-181.06	-627.16
1021	-0.56	1.65	5.34	119.84	-39.90	-2117.37	-38.71	-144.94	-512.24
1022	-0.56	0.55	5.34	93.51	-79.37	-1748.66	-41.16	-140.82	-587.49
1023	-0.56	-0.55	5.34	67.06	-117.47	-1377.83	-43.03	-135.72	-630.57
1024	-0.56	-1.65	5.34	41.04	-151.79	-1011.83	-44.38	-129.90	-643.40
1025	0.46	2.50	17.16	-662.70	-1738.59	-2436.97	-164.48	-108.37	-2377.33
1026	1.39	2.50	17.16	-667.72	-1736.84	-2480.08	-205.53	-70.57	-2385.24
1027	2.31	2.50	17.16	-681.10	-1693.39	-2544.28	-232.46	-41.89	-2356.89
1028	3.24	2.50	17.16	-740.04	-1595.94	-2691.26	-250.78	-62.06	-2245.66
1029	4.16	2.50	17.16	-937.09	-1400.89	-3077.13	-251.74	-336.75	-1845.03
1030	5.09	2.50	17.16	-1637.70	-1721.54	-7409.89	-397.52	-2120.92	-1301.91
1031	6.01	2.50	17.16	-1395.66	-2035.78	-11994.30	-85.03	973.85	-450.56
1032	6.94	2.50	17.16	-5478.64	-2210.67	-7395.74	-1322.62	5884.90	195.21
1033	7.86	2.50	17.16	-2490.31	-1008.72	-1518.17	-1177.99	2112.89	49.86
1034	8.79	2.50	17.16	-1061.46	-675.23	-606.91	-1025.62	924.80	70.19
1035	9.71	2.50	17.16	-340.30	-476.47	-272.81	-876.67	430.14	91.75
1036	10.64	2.50	17.16	12.60	-343.17	-147.35	-736.29	195.52	105.45
1037	11.56	2.50	17.16	167.00	-248.54	-95.80	-603.85	66.33	116.41
1038	12.49	2.50	17.16	206.31	-180.06	-69.86	-474.11	-16.46	132.37
1039	13.41	2.50	17.16	173.11	-128.06	-41.65	-338.35	-74.18	168.10
1040	14.34	2.50	17.16	90.14	-80.82	28.14	-181.78	-107.28	268.17
1041	0.46	3.10	17.16	-1469.24	-3092.04	-6354.71	-240.40	-227.17	-4433.87
1042	1.38	3.10	17.16	-1473.00	-3117.07	-6474.59	-275.50	-182.92	-4474.01
1043	2.29	3.10	17.16	-1488.66	-3080.54	-6630.72	-280.02	-142.95	-4484.76
1044	3.21	3.10	17.16	-1534.84	-2943.48	-6850.31	-282.62	-115.86	-4418.88
1045	4.13	3.10	17.16	-1590.14	-2697.58	-7151.80	-259.19	-132.41	-4089.86
1046	5.05	3.10	17.16	-1747.51	-2270.58	-9416.23	-188.26	-818.52	-2361.61
1047	5.97	3.10	17.16	-1594.52	-2126.77	-12855.60	-52.22	1127.65	-385.83
1048	6.88	3.10	17.16	-5911.49	-2431.36	-8032.09	-1444.39	6410.29	374.94
1049	7.80	3.10	17.16	-2659.69	-1139.06	-1667.58	-1218.18	2318.77	116.19
1050	8.72	3.10	17.16	-1111.40	-762.68	-664.84	-1019.18	1017.67	100.05
1051	9.64	3.10	17.16	-339.64	-532.25	-298.48	-850.22	472.01	105.81
1052	10.55	3.10	17.16	35.39	-376.31	-160.91	-706.05	214.23	110.04
1053	11.47	3.10	17.16	197.17	-266.39	-104.51	-576.18	72.97	115.61
1054	12.39	3.10	17.16	236.02	-186.54	-76.20	-452.25	-17.31	128.24
1055	13.31	3.10	17.16	197.35	-125.03	-45.83	-323.94	-80.87	162.31
1056	14.22	3.10	17.16	104.83	-69.51	27.02	-177.15	-122.00	261.34
1057	0.48	2.50	15.47	-801.36	-986.12	-4199.27	-78.37	-212.50	-2413.07
1058	1.43	2.50	15.47	-823.64	-1031.22	-4308.77	-73.76	-221.25	-2418.45
1059	2.38	2.50	15.47	-872.47	-1078.78	-4501.16	-21.70	-258.62	-2375.58
1060	3.33	2.50	15.47	-947.52	-1112.68	-4883.02	74.01	-371.23	-2230.17
1061	4.28	2.50	15.47	-963.27	-1178.13	-5863.69	187.31	-579.93	-1930.81
1062	5.23	2.50	15.47	-314.84	-1033.44	-6790.55	295.90	76.92	-1392.81
1063	6.18	2.50	15.47	48.82	-804.16	-6613.00	79.55	1397.12	-885.18
1064	7.14	2.50	15.47	-43.71	-545.01	-5364.49	131.44	2443.11	-465.48
1065	8.09	2.50	15.47	-1522.38	-505.06	-3417.43	-109.81	2816.25	-106.86
1066	9.04	2.50	15.47	-1431.14	-298.29	-1683.43	-219.92	1897.47	56.38
1067	9.99	2.50	15.47	-1071.71	-187.60	-914.15	-263.62	1183.92	154.29
1068	10.94	2.50	15.47	-722.67	-119.98	-548.76	-265.86	706.87	218.44
1069	11.89	2.50	15.47	-447.00	-73.84	-365.12	-241.73	392.81	269.41
1070	12.85	2.50	15.47	-242.56	-38.49	-253.37	-201.76	181.07	323.67
1071	13.80	2.50	15.47	-93.69	-9.17	-144.68	-157.55	33.12	397.37
1072	14.75	2.50	15.47	12.00	12.78	28.70	-131.73	-79.37	499.00
1073	0.47	3.10	15.47	-827.22	-126.43	-5314.71	-74.20	-236.55	-1938.65
1074	1.42	3.10	15.47	-812.11	-194.97	-5432.24	-82.85	-236.38	-1960.65
1075	2.36	3.10	15.47	-816.28	-267.40	-5631.17	-15.71	-226.58	-1934.04
1076	3.31	3.10	15.47	-847.94	-327.92	-6002.56	95.27	-242.55	-1803.42
1077	4.25	3.10	15.47	-819.24	-455.64	-6776.10	228.53	-275.74	-1492.79
1078	5.20	3.10	15.47	-406.36	-692.28	-7609.32	327.37	300.96	-1140.73
1079	6.14	3.10	15.47	-71.64	-768.49	-7269.26	113.70	1709.02	-795.38
1080	7.08	3.10	15.47	-79.84	-510.26	-5807.14	150.34	2687.99	-350.67
1081	8.03	3.10	15.47	-1647.64	-496.01	-3712.02	-140.68	3063.41	11.31
1082	8.97	3.10	15.47	-1538.63	-291.24	-1832.37	-255.62	2059.79	136.57
1083	9.92	3.10	15.47	-1146.12	-182.91	-995.47	-289.34	1282.41	201.52
1084	10.86	3.10	15.47	-769.05	-114.96	-598.39	-280.50	764.32	242.95
1085	11.81	3.10	15.47	-473.22	-66.96	-398.81	-248.21	423.87	279.15
1086	12.75	3.10	15.47	-254.96	-29.35	-277.70	-203.32	194.12	323.83
1087	13.70	3.10	15.47	-96.45	2.00	-161.38	-156.77	32.34	391.08
1088	14.64	3.10	15.47	18.20	22.79	20.37	-131.37	-93.83	486.22
1089	0.49	2.50	13.78	-474.95	-362.46	-4048.67	-16.50	-225.01	-1592.12

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]
1090	1.47	2.50	13.78	-449.75	-377.48	-4191.90	28.71	-223.77	-1576.19
1091	2.45	2.50	13.78	-392.39	-385.86	-4421.16	98.93	-201.14	-1514.66
1092	3.42	2.50	13.78	-269.89	-377.84	-4768.71	180.29	-117.14	-1385.16
1093	4.40	2.50	13.78	-11.13	-329.16	-5087.68	249.43	204.91	-1189.25
1094	5.38	2.50	13.78	123.18	-293.33	-5141.56	270.47	751.71	-973.63
1095	6.36	2.50	13.78	40.06	-235.33	-4758.63	312.83	1339.03	-703.84
1096	7.34	2.50	13.78	-282.59	-171.37	-3996.58	236.20	1716.30	-415.32
1097	8.31	2.50	13.78	-437.81	-83.98	-3062.72	179.35	1805.02	-170.82
1098	9.29	2.50	13.78	-738.48	-51.52	-2169.95	88.84	1675.43	26.88
1099	10.27	2.50	13.78	-765.44	-12.43	-1447.24	18.01	1309.67	163.32
1100	11.25	2.50	13.78	-650.24	13.21	-991.31	-28.38	945.82	262.03
1101	12.23	2.50	13.78	-484.14	30.28	-707.33	-55.49	646.10	339.61
1102	13.21	2.50	13.78	-313.12	42.51	-512.44	-72.21	411.21	406.77
1103	14.18	2.50	13.78	-157.12	50.71	-345.29	-90.19	220.72	466.40
1104	15.16	2.50	13.78	-22.88	53.54	-166.33	-119.85	42.12	509.80
1105	0.49	3.10	13.78	-513.77	-367.45	-4703.13	-19.87	-229.05	-1559.80
1106	1.46	3.10	13.78	-473.58	-391.65	-4867.73	25.57	-210.93	-1557.78
1107	2.43	3.10	13.78	-399.68	-410.80	-5099.48	104.97	-145.38	-1504.88
1108	3.40	3.10	13.78	-271.95	-406.68	-5392.41	197.60	-7.60	-1360.89
1109	4.37	3.10	13.78	-44.57	-367.69	-5656.84	264.23	326.89	-1148.80
1110	5.34	3.10	13.78	122.75	-271.02	-5643.12	279.31	910.13	-892.45
1111	6.31	3.10	13.78	24.20	-160.08	-5178.40	317.65	1518.22	-585.64
1112	7.29	3.10	13.78	-340.21	-115.39	-4321.51	224.88	1896.23	-300.27
1113	8.26	3.10	13.78	-485.17	-38.15	-3297.39	157.74	1955.17	-70.49
1114	9.23	3.10	13.78	-795.08	-19.56	-2339.48	59.13	1803.38	105.89
1115	10.20	3.10	13.78	-818.14	11.82	-1564.13	-10.25	1406.45	217.82
1116	11.17	3.10	13.78	-692.58	32.70	-1074.28	-50.46	1013.96	295.80
1117	12.14	3.10	13.78	-514.51	46.70	-769.14	-70.59	691.07	357.52
1118	13.11	3.10	13.78	-331.93	56.42	-560.49	-81.26	437.78	412.63
1119	14.09	3.10	13.78	-165.15	61.94	-383.62	-94.51	231.98	462.41
1120	15.06	3.10	13.78	-19.83	59.92	-198.85	-120.91	38.53	495.38
1121	0.50	2.50	12.09	-181.92	-223.61	-3908.45	8.56	-177.12	-1303.97
1122	1.51	2.50	12.09	-136.43	-219.17	-4016.48	73.39	-102.02	-1270.55
1123	2.51	2.50	12.09	-57.44	-205.25	-4151.23	141.44	19.77	-1199.30
1124	3.52	2.50	12.09	47.12	-176.60	-4258.98	207.52	227.25	-1084.89
1125	4.52	2.50	12.09	114.28	-136.46	-4266.71	260.60	517.14	-928.15
1126	5.53	2.50	12.09	117.81	-77.62	-4106.27	297.27	847.68	-728.09
1127	6.53	2.50	12.09	31.44	-23.43	-3761.55	290.52	1145.66	-512.75
1128	7.54	2.50	12.09	-102.49	17.48	-3258.04	268.37	1352.07	-304.20
1129	8.54	2.50	12.09	-292.25	38.64	-2677.27	214.93	1413.22	-114.27
1130	9.55	2.50	12.09	-398.22	56.60	-2110.61	158.08	1333.54	45.27
1131	10.55	2.50	12.09	-463.30	62.31	-1626.98	99.30	1172.05	175.72
1132	11.56	2.50	12.09	-447.96	65.16	-1245.16	46.99	958.61	278.21
1133	12.56	2.50	12.09	-375.51	65.19	-966.21	2.76	741.50	357.91
1134	13.57	2.50	12.09	-274.13	63.22	-761.45	-35.72	538.86	417.51
1135	14.57	2.50	12.09	-162.45	59.63	-603.78	-71.65	346.75	455.16
1136	15.58	2.50	12.09	-49.52	54.22	-481.65	-106.30	151.57	465.17
1137	0.50	3.10	12.09	-164.64	-130.08	-4415.95	13.89	-165.77	-1247.41
1138	1.50	3.10	12.09	-115.11	-121.87	-4517.07	82.97	-67.90	-1207.57
1139	2.50	3.10	12.09	-33.39	-106.92	-4635.79	153.70	78.70	-1128.83
1140	3.49	3.10	12.09	66.67	-84.90	-4722.61	221.54	310.08	-1010.23
1141	4.49	3.10	12.09	131.91	-48.79	-4691.53	277.10	629.35	-845.03
1142	5.49	3.10	12.09	114.18	-5.75	-4473.03	310.61	977.71	-635.11
1143	6.49	3.10	12.09	14.37	31.48	-4064.85	290.05	1275.96	-415.74
1144	7.49	3.10	12.09	-124.91	66.70	-3505.55	256.42	1475.80	-210.38
1145	8.49	3.10	12.09	-325.54	78.34	-2876.72	194.87	1526.49	-32.35
1146	9.48	3.10	12.09	-431.47	89.40	-2268.39	135.18	1430.10	111.52
1147	10.48	3.10	12.09	-495.82	88.56	-1752.44	76.79	1252.15	225.53
1148	11.48	3.10	12.09	-476.88	86.13	-1345.61	27.65	1021.64	312.21
1149	12.48	3.10	12.09	-398.59	81.80	-1048.81	-12.07	788.33	377.98
1150	13.48	3.10	12.09	-290.12	75.88	-832.09	-45.85	571.02	425.55
1151	14.47	3.10	12.09	-170.71	68.67	-667.34	-77.25	365.68	452.59
1152	15.47	3.10	12.09	-49.37	58.84	-543.37	-107.76	157.84	452.12
1153	0.52	2.50	10.41	32.14	-49.91	-3620.11	11.90	-115.96	-1000.36
1154	1.55	2.50	10.41	66.29	-43.22	-3672.48	75.22	14.11	-964.28
1155	2.58	2.50	10.41	109.59	-29.13	-3705.41	134.62	175.55	-896.03
1156	3.61	2.50	10.41	142.64	-9.52	-3690.80	186.06	371.90	-796.40
1157	4.64	2.50	10.41	149.64	14.29	-3597.13	224.75	592.53	-667.55
1158	5.67	2.50	10.41	113.92	35.49	-3405.72	242.80	810.62	-518.76
1159	6.71	2.50	10.41	39.25	53.33	-3116.91	241.74	993.89	-359.72
1160	7.74	2.50	10.41	-66.81	65.58	-2757.21	218.42	1111.50	-201.73
1161	8.77	2.50	10.41	-168.44	72.37	-2364.24	181.98	1152.37	-54.70
1162	9.80	2.50	10.41	-259.18	71.72	-1979.58	134.74	1119.07	76.08
1163	10.83	2.50	10.41	-307.60	67.82	-1635.88	84.34	1025.27	187.51
1164	11.86	2.50	10.41	-317.52	60.85	-1353.14	34.69	895.78	279.57
1165	12.89	2.50	10.41	-289.58	52.89	-1134.30	-10.75	745.79	351.92
1166	13.93	2.50	10.41	-232.31	44.90	-974.78	-49.68	584.76	403.07
1167	14.96	2.50	10.41	-157.53	36.82	-868.00	-81.17	415.88	430.16
1168	15.99	2.50	10.41	-65.97	30.82	-809.91	-101.80	237.56	428.15
1169	0.51	3.10	10.41	57.71	10.33	-4014.00	15.11	-102.49	-931.90
1170	1.54	3.10	10.41	90.54	15.56	-4059.08	80.03	47.56	-893.90
1171	2.56	3.10	10.41	130.97	27.72	-4077.50	140.09	228.31	-822.04
1172	3.59	3.10	10.41	160.29	46.65	-4038.93	190.59	443.21	-716.55
1173	4.61	3.10	10.41	158.91	67.50	-3913.53	225.43	677.55	-582.83
1174	5.64	3.10	10.41	115.75	85.28	-3686.82	237.76	903.39	-433.31
1175	6.66	3.10	10.41	32.17	98.45	-3361.40	232.36	1090.03	-277.41
1176	7.69	3.10	10.41	-81.93	103.85	-2965.37	204.52	1204.75	-125.65
1177	8.71	3.10	10.41	-187.36	105.07	-2539.68	164.81	1238.45	12.35
1178	9.74	3.10	10.41	-281.16	98.64	-2127.69	116.20	1195.99	131.56
1179	10.76	3.10	10.41	-329.67	89.73	-1761.89	66.66	1091.45	230.30
1180	11.79	3.10	10.41	-337.99	78.37	-1462.51	19.37	950.99	309.84
1181	12.81	3.10	10.41	-306.83	66.66	-1231.96	-22.81	790.03	370.42
1182	13.84	3.10	10.41	-245.05	55.42	-1065.19	-58.14	618.24	410.83
1183	14.86	3.10	10.41	-165.14	44.51	-955.20	-86.00	439.29	428.51
1184	15.89	3.10	10.41	-67.36	35.55	-897.80	-102.92	251.00	417.97
1185	0.53	2.50	8.72	132.80	16.43	-3228.64	5.14	-70.67	-746.88
1186	1.59	2.50	8.72	150.87	20.36	-3246.09	56.78	75.95	-716.10
1187	2.65	2.50	8.72	164.30	27.27	-3230.73	103.04	235.29	-659.22
1188	3.70	2.50	8.72	165.34	36.14	-3170.02	140.33	404.71	-578.50

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]
1189	4.76	2.50	8.72	145.56	44.76	-3053.79	165.00	574.41	-478.59
1190	5.82	2.50	8.72	102.21	51.97	-2878.43	175.33	729.74	-365.26
1191	6.88	2.50	8.72	36.72	55.91	-2650.58	169.80	854.33	-245.34
1192	7.94	2.50	8.72	-40.47	56.03	-2385.53	149.93	935.92	-125.45
1193	9.00	2.50	8.72	-120.05	52.21	-2105.60	117.11	968.19	-11.14
1194	10.05	2.50	8.72	-186.70	45.55	-1833.75	75.29	953.46	93.65
1195	11.11	2.50	8.72	-234.63	36.35	-1589.89	27.75	900.28	187.18
1196	12.17	2.50	8.72	-256.78	25.71	-1388.27	-21.16	818.64	268.90
1197	13.23	2.50	8.72	-252.01	14.28	-1238.74	-66.32	718.11	338.57
1198	14.29	2.50	8.72	-218.46	3.52	-1147.23	-100.59	601.97	393.87
1199	15.34	2.50	8.72	-152.45	-2.71	-1106.68	-115.50	461.89	426.54
1200	16.40	2.50	8.72	-86.88	-9.33	-1109.02	-117.47	307.74	431.15
1201	0.53	3.10	8.72	157.82	67.64	-3535.31	6.86	-58.64	-669.56
1202	1.58	3.10	8.72	174.26	71.08	-3546.44	57.85	103.91	-637.58
1203	2.63	3.10	8.72	184.50	76.57	-3518.70	102.83	278.03	-579.34
1204	3.68	3.10	8.72	180.37	82.41	-3440.51	137.93	459.73	-498.11
1205	4.73	3.10	8.72	154.75	87.17	-3303.02	159.79	638.61	-399.12
1206	5.79	3.10	8.72	104.75	89.80	-3103.88	167.09	799.75	-288.18
1207	6.84	3.10	8.72	33.21	88.94	-2851.51	158.30	926.22	-172.72
1208	7.89	3.10	8.72	-49.14	84.42	-2563.13	136.12	1006.67	-59.72
1209	8.94	3.10	8.72	-133.04	75.88	-2262.19	102.20	1035.29	45.83
1210	9.99	3.10	8.72	-202.23	65.19	-1972.45	60.59	1015.15	140.79
1211	11.05	3.10	8.72	-251.53	52.50	-1714.51	14.37	955.74	223.99
1212	12.10	3.10	8.72	-273.59	38.99	-1502.86	-32.35	867.54	295.42
1213	13.15	3.10	8.72	-267.20	25.20	-1347.66	-74.84	760.44	355.34
1214	14.20	3.10	8.72	-230.20	12.58	-1254.68	-106.22	637.45	401.73
1215	15.25	3.10	8.72	-158.99	5.34	-1214.96	-118.26	489.15	426.48
1216	16.31	3.10	8.72	-90.17	-3.88	-1219.62	-118.25	326.33	424.63
1217	0.54	2.50	7.03	161.14	21.00	-2812.23	-3.13	-41.72	-555.77
1218	1.63	2.50	7.03	169.84	22.64	-2813.84	34.53	99.21	-531.32
1219	2.71	2.50	7.03	169.70	24.52	-2782.60	67.10	243.45	-486.97
1220	3.80	2.50	7.03	157.10	25.94	-2714.33	91.87	386.71	-425.19
1221	4.88	2.50	7.03	129.64	26.31	-2606.77	106.70	522.00	-349.41
1222	5.97	2.50	7.03	86.82	24.91	-2461.67	109.95	640.56	-263.91
1223	7.05	2.50	7.03	31.64	21.50	-2285.58	101.06	733.92	-173.34
1224	8.14	2.50	7.03	-31.09	16.05	-2089.71	80.17	795.76	-82.16
1225	9.22	2.50	7.03	-94.15	8.86	-1887.78	48.37	823.71	6.11
1226	10.31	2.50	7.03	-151.89	0.16	-1694.20	6.88	819.35	89.29
1227	11.39	2.50	7.03	-198.78	-9.91	-1522.09	-42.48	787.70	166.84
1228	12.48	2.50	7.03	-232.26	-21.88	-1382.97	-97.33	736.18	240.20
1229	13.56	2.50	7.03	-250.15	-36.50	-1287.94	-153.27	673.11	312.92
1230	14.65	2.50	7.03	-248.97	-53.77	-1251.88	-200.92	606.67	390.13
1231	15.73	2.50	7.03	-216.40	-71.17	-1308.64	-218.06	539.56	472.96
1232	16.82	2.50	7.03	-74.05	-52.45	-1399.98	-138.17	379.43	504.54
1233	0.54	3.10	7.03	180.60	54.97	-3052.56	-2.56	-31.64	-479.50
1234	1.62	3.10	7.03	187.72	55.86	-3049.51	33.33	121.28	-454.92
1235	2.70	3.10	7.03	184.71	56.20	-3009.66	63.87	276.33	-411.05
1236	3.78	3.10	7.03	168.35	55.51	-2929.50	86.43	428.62	-350.59
1237	4.85	3.10	7.03	136.40	53.23	-2807.64	99.00	570.77	-277.20
1238	5.93	3.10	7.03	88.92	48.79	-2646.93	100.14	693.71	-195.52
1239	7.01	3.10	7.03	29.18	42.15	-2455.07	89.72	789.11	-110.21
1240	8.09	3.10	7.03	-37.62	33.53	-2244.22	68.02	850.84	-25.48
1241	9.17	3.10	7.03	-104.06	23.59	-2028.94	36.33	877.04	55.33
1242	10.25	3.10	7.03	-164.64	12.59	-1824.25	-4.13	869.85	130.34
1243	11.33	3.10	7.03	-213.77	0.82	-1643.73	-51.74	834.86	199.41
1244	12.41	3.10	7.03	-248.96	-12.46	-1499.34	-104.51	780.14	264.44
1245	13.49	3.10	7.03	-267.71	-28.47	-1402.75	-158.38	714.52	329.47
1246	14.56	3.10	7.03	-265.72	-47.80	-1369.86	-203.96	646.27	399.98
1247	15.64	3.10	7.03	-228.91	-67.14	-1436.47	-218.28	576.59	477.01
1248	16.72	3.10	7.03	-73.44	-44.44	-1534.34	-136.09	401.55	501.17
1249	0.56	2.50	5.34	153.15	-8.91	-2420.00	-9.55	-22.87	-429.51
1250	1.67	2.50	5.34	158.00	-8.76	-2416.31	15.40	104.01	-410.97
1251	2.78	2.50	5.34	153.10	-9.69	-2384.50	36.17	230.10	-377.43
1252	3.89	2.50	5.34	137.29	-11.86	-2323.77	50.75	351.19	-330.78
1253	5.00	2.50	5.34	110.09	-15.42	-2235.02	57.46	462.12	-273.69
1254	6.11	2.50	5.34	72.44	-20.39	-2121.53	55.17	557.35	-209.29
1255	7.23	2.50	5.34	26.60	-26.61	-1989.27	43.21	631.90	-140.92
1256	8.34	2.50	5.34	-23.84	-33.67	-1846.44	21.35	682.32	-71.64
1257	9.45	2.50	5.34	-75.02	-41.15	-1702.61	-10.48	707.25	-4.00
1258	10.56	2.50	5.34	-123.20	-48.81	-1567.61	-52.39	707.62	60.42
1259	11.67	2.50	5.34	-165.97	-57.04	-1450.58	-104.84	686.30	121.47
1260	12.78	2.50	5.34	-202.38	-67.33	-1359.53	-168.65	647.76	181.06
1261	13.90	2.50	5.34	-234.49	-82.56	-1301.73	-244.94	598.56	244.76
1262	15.01	2.50	5.34	-270.16	-107.09	-1288.23	-335.61	551.24	326.72
1263	16.12	2.50	5.34	-324.96	-146.57	-1344.76	-444.06	534.84	466.57
1264	17.23	2.50	5.34	-421.18	-246.48	-1804.63	-571.41	681.41	816.45
1265	0.55	3.10	5.34	166.50	10.37	-2610.76	-9.72	-14.60	-360.10
1266	1.66	3.10	5.34	170.16	9.97	-2604.04	13.18	121.27	-341.87
1267	2.76	3.10	5.34	163.17	7.93	-2566.59	31.90	255.51	-309.38
1268	3.87	3.10	5.34	144.55	4.16	-2498.12	44.49	383.51	-264.63
1269	4.98	3.10	5.34	114.13	-1.36	-2400.17	49.43	499.81	-210.36
1270	6.08	3.10	5.34	73.10	-8.47	-2276.78	45.76	598.77	-149.73
1271	7.19	3.10	5.34	23.98	-16.78	-2134.63	33.00	675.44	-85.99
1272	8.29	3.10	5.34	-29.47	-25.70	-1982.59	11.12	726.54	-22.14
1273	9.40	3.10	5.34	-83.40	-34.59	-1830.80	-19.88	750.97	39.45
1274	10.50	3.10	5.34	-134.14	-42.99	-1689.50	-60.13	749.98	97.41
1275	11.61	3.10	5.34	-179.55	-51.33	-1568.15	-110.34	726.85	151.78
1276	12.72	3.10	5.34	-218.88	-61.57	-1474.93	-171.82	686.43	204.77
1277	13.82	3.10	5.34	-254.16	-77.89	-1417.16	-246.11	635.61	262.24
1278	14.93	3.10	5.34	-293.39	-106.77	-1405.91	-334.58	587.39	338.16
1279	16.03	3.10	5.34	-353.99	-155.88	-1469.34	-439.19	573.37	470.94
1280	17.14	3.10	5.34	-458.43	-273.77	-1973.74	-556.15	733.11	807.25
1281	-14.34	2.50	17.16	81.47	-29.52	20.83	182.57	93.43	255.68
1282	-13.41	2.50	17.16	150.85	-75.14	-37.39	333.53	59.79	157.44
1283	-12.49	2.50	17.16	174.52	-124.49	-61.24	464.43	6.55	121.97
1284	-11.56	2.50	17.16	133.54	-188.01	-83.38	589.11	-68.00	105.72
1285	-10.64	2.50	17.16	-7.79	-274.25	-126.63	714.97	-182.21	93.80
1286	-9.71	2.50	17.16	-318.79	-393.57	-229.76	844.76	-384.87	77.48
1287	-8.79	2.50	17.16	-938.44	-566.83	-498.66	974.84	-800.93	48.39

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]
1288	-7.86	2.50	17.16	-2139.96	-846.32	-1217.02	1092.25	-1773.27	4.23
1289	-6.94	2.50	17.16	-4589.44	-1788.24	-5716.82	1175.75	-4759.89	49.34
1290	-6.01	2.50	17.16	-1155.91	-1606.18	-9342.09	64.07	-1292.41	-513.19
1291	-5.09	2.50	17.16	-1036.83	-1406.50	-5962.74	290.46	1306.87	-1253.49
1292	-4.16	2.50	17.16	-619.47	-1251.16	-2588.56	94.12	-52.17	-1718.97
1293	-3.24	2.50	17.16	-551.38	-1476.78	-2383.17	33.51	-227.23	-2085.48
1294	-2.31	2.50	17.16	-566.78	-1609.26	-2346.06	-17.97	-221.26	-2224.33
1295	-1.39	2.50	17.16	-605.39	-1685.70	-2366.18	-62.94	-186.02	-2300.58
1296	-0.46	2.50	17.16	-642.83	-1721.41	-2399.66	-112.24	-147.00	-2348.43
1297	-14.22	3.10	17.16	96.82	-22.05	20.09	179.98	107.68	250.46
1298	-13.31	3.10	17.16	175.98	-76.61	-41.06	322.36	66.50	153.18
1299	-12.39	3.10	17.16	205.62	-135.49	-66.93	446.69	7.77	119.15
1300	-11.47	3.10	17.16	165.75	-210.10	-91.31	566.23	-73.85	105.79
1301	-10.55	3.10	17.16	17.62	-310.75	-139.18	689.76	-199.51	98.53
1302	-9.64	3.10	17.16	-315.20	-450.67	-253.85	822.69	-424.23	90.30
1303	-8.72	3.10	17.16	-985.92	-652.37	-553.74	969.62	-889.05	74.47
1304	-7.80	3.10	17.16	-2306.74	-970.35	-1359.42	1126.55	-1971.09	60.33
1305	-6.88	3.10	17.16	-5021.57	-2000.59	-6348.43	1279.05	-5277.19	198.36
1306	-5.97	3.10	17.16	-1358.18	-1702.35	-10213.20	36.29	-1427.78	-458.74
1307	-5.05	3.10	17.16	-1350.91	-1900.97	-7785.22	51.48	165.35	-2168.60
1308	-4.13	3.10	17.16	-1312.57	-2384.86	-6171.59	-20.35	-368.65	-3683.45
1309	-3.21	3.10	17.16	-1330.48	-2700.84	-6124.26	-70.96	-369.72	-4045.08
1310	-2.29	3.10	17.16	-1348.71	-2904.44	-6126.33	-110.24	-343.42	-4200.85
1311	-1.38	3.10	17.16	-1391.91	-3009.54	-6176.36	-135.88	-308.01	-4299.28
1312	-0.46	3.10	17.16	-1442.70	-3055.77	-6256.05	-181.07	-266.89	-4375.08
1313	-14.75	2.50	15.47	10.96	30.97	16.03	121.59	68.89	461.98
1314	-13.80	2.50	15.47	-82.29	13.68	-129.70	139.65	-32.52	361.00
1315	-12.85	2.50	15.47	-210.91	-11.23	-221.78	175.51	-163.94	287.55
1316	-11.89	2.50	15.47	-386.07	-41.72	-316.28	206.69	-348.66	232.33
1317	-10.94	2.50	15.47	-620.59	-81.28	-469.19	221.34	-617.93	178.28
1318	-9.99	2.50	15.47	-915.48	-138.23	-768.33	208.66	-1020.09	107.27
1319	-9.04	2.50	15.47	-1218.56	-229.44	-1388.22	154.69	-1612.20	-3.67
1320	-8.09	2.50	15.47	-1305.81	-395.86	-2760.98	40.98	-2366.41	-187.51
1321	-7.14	2.50	15.47	-161.90	-436.35	-4305.41	-170.61	-2125.31	-542.58
1322	-6.18	2.50	15.47	-111.23	-661.74	-5304.20	-113.71	-1347.92	-941.89
1323	-5.23	2.50	15.47	-389.83	-866.45	-5508.83	-302.01	-424.27	-1391.06
1324	-4.28	2.50	15.47	-847.72	-1014.74	-4926.43	-221.53	53.49	-1862.00
1325	-3.33	2.50	15.47	-821.78	-997.61	-4294.62	-144.27	-115.22	-2134.02
1326	-2.38	2.50	15.47	-776.38	-999.33	-4126.43	-81.08	-191.94	-2284.74
1327	-1.43	2.50	15.47	-766.13	-984.09	-4097.71	-50.81	-209.65	-2356.07
1328	-0.48	2.50	15.47	-782.43	-970.37	-4130.81	-57.13	-210.50	-2391.03
1329	-14.64	3.10	15.47	17.10	37.28	9.35	121.87	82.98	451.99
1330	-13.70	3.10	15.47	-84.85	20.77	-144.51	139.75	-31.24	356.81
1331	-12.75	3.10	15.47	-222.90	-6.03	-243.93	177.56	-175.81	288.96
1332	-11.81	3.10	15.47	-411.78	-38.57	-347.52	212.86	-377.91	241.95
1333	-10.86	3.10	15.47	-666.59	-79.68	-515.97	234.29	-672.96	200.44
1334	-9.92	3.10	15.47	-990.08	-136.75	-846.13	230.77	-1115.64	148.61
1335	-8.97	3.10	15.47	-1327.46	-225.85	-1532.36	184.85	-1771.34	65.26
1336	-8.03	3.10	15.47	-1434.85	-391.48	-3050.74	66.55	-2611.68	-87.29
1337	-7.08	3.10	15.47	-202.10	-409.18	-4747.73	-186.78	-2368.99	-445.85
1338	-6.14	3.10	15.47	-232.37	-634.70	-5956.76	-142.23	-1646.76	-867.72
1339	-5.20	3.10	15.47	-465.76	-571.36	-6314.66	-315.71	-631.05	-1178.31
1340	-4.25	3.10	15.47	-752.31	-383.18	-5810.32	-229.63	-209.01	-1484.20
1341	-3.31	3.10	15.47	-762.58	-289.35	-5347.94	-130.30	-239.92	-1754.28
1342	-2.36	3.10	15.47	-746.60	-245.52	-5198.85	-48.34	-242.79	-1878.79
1343	-1.42	3.10	15.47	-769.32	-182.35	-5183.94	-1.85	-225.35	-1919.46
1344	-0.47	3.10	15.47	-812.99	-122.12	-5233.48	-21.40	-222.72	-1923.55
1345	-15.16	2.50	13.78	-21.44	47.96	-152.11	97.78	-36.65	446.64
1346	-14.18	2.50	13.78	-139.62	49.37	-303.22	58.13	-191.71	401.80
1347	-13.21	2.50	13.78	-275.95	45.35	-445.22	30.75	-358.31	342.55
1348	-12.23	2.50	13.78	-425.26	37.39	-609.43	5.31	-562.91	275.66
1349	-11.25	2.50	13.78	-572.10	25.15	-845.05	-29.35	-822.06	196.86
1350	-10.27	2.50	13.78	-679.98	5.77	-1217.95	-81.18	-1135.24	94.61
1351	-9.29	2.50	13.78	-676.85	-24.99	-1802.67	-153.25	-1453.70	-47.14
1352	-8.31	2.50	13.78	-460.22	-52.96	-2525.39	-237.65	-1592.98	-246.91
1353	-7.34	2.50	13.78	-353.36	-127.50	-3288.18	-287.52	-1566.77	-489.03
1354	-6.36	2.50	13.78	-108.00	-186.91	-3932.28	-349.20	-1321.88	-765.53
1355	-5.38	2.50	13.78	-39.66	-244.04	-4297.97	-302.64	-905.78	-1018.62
1356	-4.40	2.50	13.78	-133.50	-283.71	-4340.58	-277.26	-520.09	-1215.40
1357	-3.42	2.50	13.78	-320.74	-335.62	-4196.88	-215.17	-292.24	-1390.34
1358	-2.45	2.50	13.78	-407.17	-354.40	-4037.14	-145.42	-235.68	-1507.20
1359	-1.47	2.50	13.78	-451.43	-357.90	-3971.61	-86.16	-219.29	-1566.49
1360	-0.49	2.50	13.78	-474.49	-355.80	-3976.88	-47.29	-218.96	-1587.96
1361	-15.06	3.10	13.78	-19.22	50.44	-179.86	98.57	-33.34	435.56
1362	-14.09	3.10	13.78	-148.43	56.49	-336.95	62.21	-202.21	399.94
1363	-13.11	3.10	13.78	-295.69	55.36	-488.68	39.16	-383.43	349.27
1364	-12.14	3.10	13.78	-456.85	50.20	-666.73	19.06	-606.07	292.72
1365	-11.17	3.10	13.78	-616.17	41.34	-923.75	-9.53	-888.42	227.40
1366	-10.20	3.10	13.78	-735.06	26.86	-1331.18	-56.03	-1230.82	142.73
1367	-9.23	3.10	13.78	-736.21	3.47	-1970.23	-126.80	-1581.63	21.76
1368	-8.26	3.10	13.78	-509.33	-11.77	-2761.23	-218.00	-1743.74	-159.90
1369	-7.29	3.10	13.78	-410.16	-77.43	-3616.43	-276.70	-1744.76	-389.63
1370	-6.31	3.10	13.78	-123.22	-119.60	-4354.65	-351.96	-1495.45	-663.21
1371	-5.34	3.10	13.78	-45.98	-222.14	-4798.97	-310.84	-1056.66	-947.20
1372	-4.37	3.10	13.78	-165.88	-314.28	-4903.86	-292.78	-636.45	-1179.42
1373	-3.40	3.10	13.78	-330.88	-360.61	-4810.34	-232.39	-394.55	-1369.61
1374	-2.43	3.10	13.78	-423.53	-376.70	-4699.04	-152.18	-292.27	-1498.53
1375	-1.46	3.10	13.78	-481.62	-370.67	-4634.02	-84.49	-240.24	-1548.16
1376	-0.49	3.10	13.78	-515.56	-360.35	-4626.28	-45.93	-226.99	-1555.55
1377	-15.58	2.50	12.09	-46.96	36.03	-415.84	70.95	-133.23	368.54
1378	-14.57	2.50	12.09	-147.83	43.66	-522.73	22.65	-300.38	358.42
1379	-13.57	2.50	12.09	-247.66	50.08	-659.68	-24.13	-468.25	323.94
1380	-12.56	2.50	12.09	-340.96	54.99	-835.00	-70.47	-648.10	268.83
1381	-11.56	2.50	12.09	-412.84	58.12	-1069.68	-119.59	-842.89	193.31
1382	-10.55	2.50	12.09	-441.07	58.65	-1386.89	-173.57	-1038.47	93.96
1383	-9.55	2.50	12.09	-406.61	56.12	-1787.26	-230.54	-1197.09	-33.96
1384	-8.54	2.50	12.09	-338.33	42.67	-2258.33	-282.73	-1295.10	-190.87
1385	-7.54	2.50	12.09	-201.04	24.71	-2749.16	-327.95	-1285.76	-375.89
1386	-6.53	2.50	12.09	-101.28	-11.31	-3190.89	-342.14	-1163.34	-576.26

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]
1387	-5.53	2.50	12.09	-31.96	-60.64	-3522.05	-340.64	-967.67	-779.32
1388	-4.52	2.50	12.09	-26.32	-115.85	-3723.12	-300.17	-740.20	-964.95
1389	-3.52	2.50	12.09	-65.41	-156.53	-3804.54	-245.78	-536.51	-1108.67
1390	-2.51	2.50	12.09	-131.79	-188.21	-3817.35	-181.45	-387.31	-1212.29
1391	-1.51	2.50	12.09	-177.38	-208.04	-3815.68	-116.23	-296.32	-1276.26
1392	-0.50	2.50	12.09	-194.88	-219.76	-3841.66	-53.42	-234.12	-1305.48
1393	-15.47	3.10	12.09	-48.19	35.84	-468.50	71.63	-139.81	359.44
1394	-14.47	3.10	12.09	-157.55	47.76	-577.81	27.70	-318.38	358.51
1395	-13.48	3.10	12.09	-265.15	58.17	-722.53	-14.64	-498.75	333.24
1396	-12.48	3.10	12.09	-365.70	67.44	-910.73	-56.48	-692.96	288.41
1397	-11.48	3.10	12.09	-443.59	75.44	-1164.50	-101.40	-904.11	224.73
1398	-10.48	3.10	12.09	-475.45	81.68	-1508.48	-152.38	-1117.31	138.86
1399	-9.48	3.10	12.09	-441.23	85.99	-1943.60	-208.78	-1292.94	25.05
1400	-8.49	3.10	12.09	-372.00	79.56	-2459.12	-263.23	-1407.55	-118.31
1401	-7.49	3.10	12.09	-223.01	70.82	-3000.63	-315.27	-1407.71	-292.94
1402	-6.49	3.10	12.09	-117.35	40.27	-3499.57	-339.25	-1289.89	-490.47
1403	-5.49	3.10	12.09	-34.09	5.92	-3893.01	-349.03	-1091.11	-697.01
1404	-4.49	3.10	12.09	-10.63	-34.98	-4149.30	-310.46	-844.45	-890.53
1405	-3.49	3.10	12.09	-47.86	-70.33	-4266.76	-253.56	-612.48	-1040.29
1406	-2.50	3.10	12.09	-110.97	-94.64	-4299.39	-187.42	-440.38	-1146.33
1407	-1.50	3.10	12.09	-158.87	-113.89	-4313.49	-119.72	-326.71	-1215.92
1408	-0.50	3.10	12.09	-178.70	-127.33	-4347.98	-52.81	-243.24	-1249.77
1409	-15.99	2.50	10.41	-65.07	7.17	-683.05	49.35	-209.51	283.60
1410	-14.96	2.50	10.41	-143.91	14.45	-742.56	7.40	-359.83	290.78
1411	-13.93	2.50	10.41	-212.67	23.43	-844.29	-37.37	-508.99	274.69
1412	-12.89	2.50	10.41	-268.15	33.08	-988.45	-83.58	-656.82	236.65
1413	-11.86	2.50	10.41	-303.39	42.78	-1179.38	-130.67	-800.49	177.22
1414	-10.83	2.50	10.41	-310.58	51.70	-1420.75	-177.77	-930.85	96.28
1415	-9.80	2.50	10.41	-287.39	58.01	-1712.16	-222.71	-1035.03	-6.12
1416	-8.77	2.50	10.41	-228.97	61.16	-2040.46	-262.44	-1093.07	-129.24
1417	-7.74	2.50	10.41	-157.95	57.47	-2382.61	-290.45	-1093.50	-268.98
1418	-6.71	2.50	10.41	-78.07	48.19	-2708.21	-304.83	-1033.04	-419.04
1419	-5.67	2.50	10.41	-16.32	33.18	-2989.04	-297.96	-918.36	-569.11
1420	-4.64	2.50	10.41	21.25	14.36	-3204.38	-273.36	-771.45	-707.95
1421	-3.61	2.50	10.41	30.80	-7.51	-3352.95	-230.45	-615.57	-826.44
1422	-2.58	2.50	10.41	24.60	-26.49	-3447.82	-176.62	-470.48	-916.36
1423	-1.55	2.50	10.41	14.22	-41.04	-3512.11	-116.23	-343.23	-975.88
1424	-0.52	2.50	10.41	14.71	-49.09	-3565.82	-52.63	-229.71	-1004.10
1425	-15.89	3.10	10.41	-68.59	5.08	-755.87	49.58	-223.17	278.30
1426	-14.86	3.10	10.41	-153.11	15.35	-815.67	11.90	-381.42	292.89
1427	-13.84	3.10	10.41	-226.80	27.69	-922.30	-28.87	-539.66	284.87
1428	-12.81	3.10	10.41	-286.41	41.34	-1075.82	-71.36	-697.79	255.83
1429	-11.79	3.10	10.41	-324.57	55.62	-1280.86	-115.23	-852.60	206.29
1430	-10.76	3.10	10.41	-333.12	69.74	-1541.37	-159.98	-994.37	135.98
1431	-9.74	3.10	10.41	-309.48	81.76	-1857.42	-203.94	-1109.66	44.49
1432	-8.71	3.10	10.41	-247.50	91.24	-2215.53	-244.65	-1176.88	-68.49
1433	-7.69	3.10	10.41	-172.04	93.56	-2592.52	-275.32	-1183.91	-200.12
1434	-6.66	3.10	10.41	-83.67	91.27	-2955.86	-293.47	-1125.24	-344.30
1435	-5.64	3.10	10.41	-13.20	81.26	-3273.94	-290.32	-1005.99	-490.99
1436	-4.61	3.10	10.41	31.78	66.11	-3524.22	-270.64	-850.06	-629.80
1437	-3.59	3.10	10.41	48.76	47.18	-3703.44	-230.97	-679.71	-751.85
1438	-2.56	3.10	10.41	45.93	29.27	-3821.10	-177.84	-516.11	-846.05
1439	-1.54	3.10	10.41	38.20	17.01	-3899.21	-116.67	-369.73	-907.68
1440	-0.51	3.10	10.41	40.13	10.89	-3959.82	-51.43	-236.46	-936.37
1441	-16.40	2.50	8.72	-78.30	-28.71	-911.99	32.04	-267.81	211.65
1442	-15.34	2.50	8.72	-139.11	-24.87	-934.52	0.98	-393.58	225.01
1443	-14.29	2.50	8.72	-188.68	-17.70	-996.00	-34.23	-518.18	219.75
1444	-13.23	2.50	8.72	-224.58	-8.37	-1096.02	-71.90	-637.22	195.54
1445	-12.17	2.50	8.72	-243.71	2.37	-1234.45	-110.49	-746.37	152.55
1446	-11.11	2.50	8.72	-243.20	13.59	-1410.68	-148.35	-839.93	91.34
1447	-10.05	2.50	8.72	-221.01	24.44	-1620.86	-183.42	-909.84	12.99
1448	-9.00	2.50	8.72	-180.67	33.47	-1857.00	-212.88	-948.33	-80.44
1449	-7.94	2.50	8.72	-125.39	40.00	-2105.86	-234.05	-948.61	-185.63
1450	-6.88	2.50	8.72	-66.24	42.79	-2351.07	-243.43	-908.26	-297.45
1451	-5.82	2.50	8.72	-10.12	41.76	-2575.95	-239.82	-831.13	-409.51
1452	-4.76	2.50	8.72	34.74	37.30	-2768.51	-221.99	-725.37	-514.86
1453	-3.70	2.50	8.72	66.76	31.03	-2922.74	-191.51	-602.23	-606.59
1454	-2.65	2.50	8.72	87.28	24.13	-3039.91	-150.19	-471.62	-679.08
1455	-1.59	2.50	8.72	102.06	18.71	-3125.84	-101.44	-339.81	-727.88
1456	-0.53	2.50	8.72	116.12	15.93	-3187.59	-48.62	-207.40	-750.78
1457	-16.31	3.10	8.72	-83.34	-31.99	-997.99	31.64	-285.91	210.79
1458	-15.25	3.10	8.72	-147.59	-26.48	-1020.07	4.23	-416.68	229.61
1459	-14.20	3.10	8.72	-200.13	-17.09	-1084.39	-27.61	-547.26	230.79
1460	-13.15	3.10	8.72	-238.36	-4.85	-1190.52	-62.12	-673.25	213.96
1461	-12.10	3.10	8.72	-258.91	9.40	-1338.56	-97.97	-789.87	179.08
1462	-11.05	3.10	8.72	-258.66	24.69	-1528.01	-133.69	-890.95	126.53
1463	-9.99	3.10	8.72	-235.28	40.11	-1755.01	-167.50	-967.74	57.02
1464	-8.94	3.10	8.72	-192.41	54.10	-2011.40	-196.72	-1011.89	-27.79
1465	-7.89	3.10	8.72	-132.70	66.02	-2283.27	-218.79	-1015.61	-125.07
1466	-6.84	3.10	8.72	-68.25	73.98	-2553.33	-230.11	-975.81	-230.40
1467	-5.79	3.10	8.72	-5.98	78.06	-2803.64	-229.24	-895.93	-337.93
1468	-4.73	3.10	8.72	45.31	78.39	-3020.30	-213.94	-783.48	-440.39
1469	-3.68	3.10	8.72	82.93	76.22	-3195.60	-185.85	-650.38	-530.41
1470	-2.63	3.10	8.72	108.21	72.57	-3329.70	-146.34	-506.92	-602.36
1471	-1.58	3.10	8.72	125.85	68.89	-3427.28	-98.66	-360.06	-651.30
1472	-0.53	3.10	8.72	141.26	66.95	-3494.62	-46.40	-211.61	-674.11
1473	-16.82	2.50	7.03	-88.63	-67.68	-1096.45	18.50	-313.44	156.66
1474	-15.73	2.50	7.03	-137.31	-67.98	-1091.45	-1.44	-418.01	170.85
1475	-14.65	2.50	7.03	-176.60	-64.25	-1116.22	-25.41	-520.03	170.43
1476	-13.56	2.50	7.03	-203.56	-57.45	-1172.64	-52.27	-614.48	154.67
1477	-12.48	2.50	7.03	-216.01	-48.25	-1261.16	-80.64	-697.33	123.48
1478	-11.39	2.50	7.03	-212.48	-37.39	-1380.58	-108.95	-764.51	77.52
1479	-10.31	2.50	7.03	-193.11	-25.79	-1527.54	-135.28	-811.77	18.13
1480	-9.22	2.50	7.03	-159.28	-14.29	-1695.98	-157.59	-834.77	-52.63
1481	-8.14	2.50	7.03	-115.08	-3.85	-1877.33	-173.64	-830.25	-131.83
1482	-7.05	2.50	7.03	-64.96	4.87	-2061.23	-181.62	-796.89	-215.70
1483	-5.97	2.50	7.03	-14.76	11.39	-2237.24	-180.03	-735.92	-299.72
1484	-4.88	2.50	7.03	31.36	15.69	-2396.21	-168.41	-651.23	-378.89
1485	-3.80	2.50	7.03	70.43	18.03	-2532.03	-147.14	-548.21	-448.29



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]
1486	-2.71	2.50	7.03	101.99	19.07	-2641.73	-117.70	-432.41	-503.56
1487	-1.63	2.50	7.03	126.83	19.46	-2724.85	-82.12	-308.09	-541.30
1488	-0.54	2.50	7.03	146.39	19.96	-2781.80	-42.98	-177.62	-559.10
1489	-16.72	3.10	7.03	-94.65	-71.78	-1189.54	17.35	-334.03	160.03
1490	-15.64	3.10	7.03	-145.20	-71.44	-1184.20	0.27	-441.62	178.29
1491	-14.56	3.10	7.03	-186.18	-66.61	-1210.66	-20.94	-547.41	182.91
1492	-13.49	3.10	7.03	-214.44	-58.14	-1270.85	-45.10	-646.36	173.04
1493	-12.41	3.10	7.03	-227.56	-46.70	-1365.50	-71.05	-734.05	148.39
1494	-11.33	3.10	7.03	-223.86	-33.09	-1493.52	-97.34	-805.98	109.40
1495	-10.25	3.10	7.03	-203.38	-18.28	-1651.56	-122.26	-857.49	57.20
1496	-9.17	3.10	7.03	-167.37	-3.20	-1833.34	-143.86	-883.70	-6.42
1497	-8.09	3.10	7.03	-120.08	11.01	-2029.90	-159.98	-880.89	-78.86
1498	-7.01	3.10	7.03	-65.97	23.63	-2230.27	-168.77	-847.29	-156.63
1499	-5.93	3.10	7.03	-11.26	33.94	-2423.10	-168.55	-783.73	-235.42
1500	-4.85	3.10	7.03	39.44	41.67	-2598.28	-158.78	-694.02	-310.48
1501	-3.78	3.10	7.03	82.81	46.93	-2748.59	-139.48	-583.51	-376.90
1502	-2.70	3.10	7.03	117.88	50.30	-2870.02	-111.99	-458.15	-430.09
1503	-1.62	3.10	7.03	145.24	52.42	-2961.35	-78.24	-322.66	-466.43
1504	-0.54	3.10	7.03	166.03	53.84	-3022.43	-40.77	-180.01	-483.35
1505	-17.23	2.50	5.34	-98.76	-109.92	-1246.75	9.53	-352.52	117.85
1506	-16.12	2.50	5.34	-141.75	-113.71	-1217.74	-0.51	-443.28	130.26
1507	-15.01	2.50	5.34	-177.28	-113.14	-1207.83	-13.48	-526.90	130.52
1508	-13.90	2.50	5.34	-201.41	-108.87	-1222.95	-29.68	-599.75	117.89
1509	-12.78	2.50	5.34	-211.60	-101.37	-1265.93	-48.36	-659.53	92.69
1510	-11.67	2.50	5.34	-207.12	-91.44	-1336.75	-68.20	-704.48	55.88
1511	-10.56	2.50	5.34	-188.69	-79.95	-1432.71	-87.54	-732.66	8.90
1512	-9.45	2.50	5.34	-158.35	-67.79	-1548.91	-104.57	-742.03	-46.35
1513	-8.34	2.50	5.34	-118.98	-55.77	-1678.78	-117.53	-730.79	-107.48
1514	-7.23	2.50	5.34	-74.27	-44.59	-1814.78	-124.91	-698.08	-171.60
1515	-6.11	2.50	5.34	-27.89	-34.78	-1949.13	-125.66	-644.33	-235.39
1516	-5.00	2.50	5.34	16.68	-26.65	-2074.77	-119.29	-571.34	-295.34
1517	-3.89	2.50	5.34	56.95	-20.27	-2185.89	-106.02	-481.95	-347.89
1518	-2.78	2.50	5.34	91.32	-15.53	-2278.35	-86.72	-379.46	-389.82
1519	-1.67	2.50	5.34	119.09	-12.20	-2349.39	-62.88	-267.03	-418.48
1520	-0.56	2.50	5.34	139.87	-10.04	-2397.14	-36.42	-147.38	-432.03
1521	-17.14	3.10	5.34	-105.32	-114.90	-1342.76	7.48	-374.30	124.92
1522	-16.03	3.10	5.34	-149.28	-118.87	-1313.88	-0.33	-467.13	140.75
1523	-14.93	3.10	5.34	-185.77	-118.19	-1304.91	-11.02	-553.20	145.14
1524	-13.82	3.10	5.34	-210.67	-113.35	-1322.06	-24.84	-628.90	137.21
1525	-12.72	3.10	5.34	-221.22	-104.78	-1368.51	-41.30	-691.66	117.14
1526	-11.61	3.10	5.34	-216.54	-93.29	-1444.45	-59.24	-739.42	85.77
1527	-10.50	3.10	5.34	-197.19	-79.79	-1547.23	-77.14	-769.95	44.43
1528	-9.40	3.10	5.34	-165.22	-65.27	-1671.86	-93.28	-780.87	-5.15
1529	-8.29	3.10	5.34	-123.50	-50.62	-1811.51	-105.95	-770.10	-60.75
1530	-7.19	3.10	5.34	-75.90	-36.71	-1958.19	-113.63	-736.48	-119.70
1531	-6.08	3.10	5.34	-26.27	-24.18	-2103.56	-115.24	-680.25	-178.86
1532	-4.98	3.10	5.34	21.66	-13.48	-2239.87	-110.15	-603.09	-234.83
1533	-3.87	3.10	5.34	65.07	-4.83	-2360.61	-98.48	-507.89	-284.14
1534	-2.76	3.10	5.34	102.07	1.72	-2460.93	-80.98	-398.10	-323.60
1535	-1.66	3.10	5.34	131.69	6.32	-2537.50	-59.05	-277.23	-350.52
1536	-0.55	3.10	5.34	153.37	9.17	-2588.04	-34.56	-148.44	-363.01
1537	0.45	3.95	17.16	-1659.89	-996.12	-9281.72	-98.38	-337.70	-1321.51
1538	1.36	3.95	17.16	-1579.69	-1140.72	-9277.69	-174.09	-323.46	-1365.65
1539	2.26	3.95	17.16	-1561.33	-1266.47	-9418.00	-76.42	-187.61	-1342.51
1540	3.16	3.96	17.16	-1712.94	-1264.76	-9897.17	7.87	-53.03	-1193.90
1541	4.07	3.96	17.16	-1827.54	-1320.08	-10600.20	-40.36	0.87	-974.63
1542	4.97	3.96	17.16	-1733.63	-1656.10	-11625.90	-74.22	213.92	-711.02
1543	5.87	3.96	17.16	-1833.46	-2293.74	-14387.90	-103.52	1326.89	-213.00
1544	6.78	3.96	17.16	-6539.94	-2789.67	-9067.87	-1696.07	7245.17	716.28
1545	7.68	3.96	17.16	-2886.71	-1332.96	-1909.66	-1294.13	2654.44	256.34
1546	8.59	3.97	17.16	-1186.69	-877.09	-747.30	-1001.43	1146.78	173.21
1547	9.49	3.97	17.16	-345.25	-596.52	-336.55	-805.58	528.74	136.50
1548	10.39	3.97	17.16	59.63	-413.64	-182.20	-655.59	239.38	120.57
1549	11.30	3.97	17.16	232.66	-285.48	-118.61	-530.77	81.54	115.39
1550	12.20	3.97	17.16	272.57	-192.47	-86.41	-417.04	-19.16	121.75
1551	13.11	3.97	17.16	228.51	-120.27	-52.30	-301.95	-90.91	152.21
1552	14.01	3.97	17.16	125.14	-52.11	26.75	-171.62	-141.56	251.65
1553	0.44	5.05	17.16	-1297.91	-1073.01	-6148.38	-18.83	-603.03	1959.58
1554	1.32	5.06	17.16	-1758.26	-1464.56	-8521.14	-207.23	-1997.52	306.69
1555	2.20	5.06	17.16	-1415.03	-1682.19	-10587.90	-68.93	-118.81	-889.63
1556	3.08	5.06	17.16	-1842.85	-1544.20	-8918.11	8.08	1578.26	583.14
1557	3.97	5.07	17.16	-1399.78	-1390.19	-7347.93	-214.81	300.17	2105.47
1558	4.85	5.07	17.16	-1627.77	-2016.61	-11529.60	-232.29	-1451.09	899.52
1559	5.73	5.07	17.16	-2129.58	-2614.53	-17288.80	-83.13	1680.68	248.14
1560	6.61	5.08	17.16	-7329.65	-3309.78	-10592.10	-2255.76	8679.92	1590.41
1561	7.49	5.08	17.16	-3108.72	-1601.81	-2092.21	-1406.38	2938.76	700.21
1562	8.37	5.09	17.16	-1253.99	-1004.21	-834.94	-988.76	1270.83	330.96
1563	9.25	5.09	17.16	-354.24	-673.76	-384.10	-741.02	590.80	196.98
1564	10.13	5.09	17.16	79.58	-457.66	-211.77	-580.57	269.28	141.14
1565	11.01	5.10	17.16	265.89	-308.23	-139.02	-462.57	92.41	116.71
1566	11.90	5.10	17.16	309.39	-200.01	-100.93	-363.72	-21.06	112.61
1567	12.78	5.11	17.16	261.88	-115.54	-60.88	-268.22	-103.27	137.48
1568	13.66	5.11	17.16	148.83	-36.21	26.89	-161.44	-165.25	233.26
1569	0.43	6.15	17.16	-789.64	-415.03	-2686.76	-93.51	-1049.28	-87.33
1570	1.28	6.16	17.16	-2058.41	-1531.17	-8268.79	-247.61	-4170.97	-749.88
1571	2.13	6.16	17.16	-1391.16	-2168.06	-12701.50	-82.71	-94.53	-900.38
1572	2.99	6.16	17.16	-2037.14	-1566.99	-8414.38	-21.71	3245.43	-472.09
1573	3.84	6.17	17.16	-1246.89	-1501.10	-7557.62	-147.87	-1227.44	-2270.92
1574	4.69	6.17	17.16	-1821.34	-2597.66	-14617.50	294.16	-1034.65	-1862.57
1575	5.54	6.18	17.16	-5106.27	-4731.02	-15307.80	-1630.28	5083.40	3858.92
1576	6.40	6.18	17.16	-5484.61	-4347.05	-7469.97	-3013.44	6133.15	4616.40
1577	7.25	6.18	17.16	-2706.96	-1823.53	-2090.79	-1641.62	2716.83	1236.46
1578	8.10	6.19	17.16	-1162.65	-1121.52	-860.65	-987.53	1274.81	521.89
1579	8.96	6.19	17.16	-329.99	-729.21	-420.71	-674.86	620.77	271.71
1580	9.81	6.20	17.16	94.11	-486.19	-240.44	-499.82	289.88	167.59
1581	10.66	6.20	17.16	283.61	-321.41	-160.58	-388.19	100.90	119.43
1582	11.51	6.20	17.16	330.83	-203.51	-116.27	-304.93	-22.80	102.60
1583	12.37	6.21	17.16	284.39	-111.30	-69.08	-230.21	-114.13	120.75
1584	13.22	6.21	17.16	169.02	-25.54	27.51	-149.66	-187.55	211.50

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]
1585	0.41	7.25	17.16	-992.39	-489.12	-3288.87	-105.82	-1364.18	-366.97
1586	1.23	7.25	17.16	-2434.79	-1813.79	-9846.60	-317.73	-5045.76	-933.21
1587	2.05	7.25	17.16	-1613.02	-2469.20	-14738.10	-51.64	-162.81	-964.32
1588	2.87	7.26	17.16	-2218.46	-1895.77	-10378.40	54.45	3181.01	-575.06
1589	3.69	7.26	17.16	-1773.67	-2108.59	-12918.80	-49.93	-2726.46	-1178.90
1590	4.51	7.26	17.16	-2391.56	-3082.21	-20157.00	279.82	1525.29	75.09
1591	5.33	7.26	17.16	-8030.16	-4217.48	-12445.60	-2217.30	9455.84	2011.16
1592	6.14	7.26	17.16	-3406.48	-2463.26	-3252.22	-1458.13	3344.88	1272.90
1593	6.96	7.27	17.16	-1984.13	-1924.36	-1773.22	-1292.87	2079.46	1220.37
1594	7.78	7.27	17.16	-930.51	-1166.53	-831.39	-860.13	1146.11	619.42
1595	8.60	7.27	17.16	-265.72	-754.95	-442.43	-572.75	604.62	333.00
1596	9.42	7.27	17.16	108.47	-495.39	-267.63	-406.81	295.15	192.77
1597	10.24	7.27	17.16	287.12	-323.27	-183.55	-307.38	104.68	121.80
1598	11.06	7.27	17.16	335.93	-201.91	-132.72	-241.43	-25.27	91.41
1599	11.88	7.28	17.16	294.32	-107.99	-77.22	-188.39	-123.86	101.92
1600	12.70	7.28	17.16	183.97	-19.34	29.24	-134.41	-206.79	186.79
1601	0.47	3.95	15.47	-1019.53	-147.27	-6257.92	-122.96	-323.68	-1322.15
1602	1.40	3.95	15.47	-926.06	-325.11	-6596.86	-182.85	-365.14	-1506.86
1603	2.33	3.95	15.47	-863.16	-464.75	-6944.04	-48.10	-208.54	-1597.07
1604	3.26	3.96	15.47	-884.35	-440.60	-7201.90	89.89	-60.41	-1410.84
1605	4.19	3.96	15.47	-800.89	-458.94	-7685.14	105.74	13.78	-1118.92
1606	5.12	3.96	15.47	-493.44	-676.72	-8539.19	109.52	490.97	-848.56
1607	6.05	3.96	15.47	-159.05	-703.86	-8133.87	71.45	2091.37	-487.89
1608	6.98	3.96	15.47	-112.38	-418.82	-6431.14	153.06	3021.62	-74.62
1609	7.91	3.96	15.47	-1816.70	-464.82	-4114.95	-227.57	3393.96	266.95
1610	8.84	3.96	15.47	-1680.83	-284.35	-2036.95	-337.65	2274.79	296.14
1611	9.78	3.97	15.47	-1244.29	-181.90	-1111.26	-343.68	1414.10	290.86
1612	10.71	3.97	15.47	-832.13	-111.89	-672.04	-310.91	843.39	288.14
1613	11.64	3.97	15.47	-510.68	-59.65	-449.98	-262.62	468.28	297.22
1614	12.57	3.97	15.47	-273.85	-17.79	-314.72	-208.49	214.18	324.68
1615	13.50	3.97	15.47	-101.17	16.22	-186.48	-157.57	33.52	379.97
1616	14.43	3.97	15.47	26.60	38.56	9.54	-131.54	-109.55	466.81
1617	0.45	5.05	15.47	-1500.28	-634.13	-6909.49	-213.39	-600.54	-574.39
1618	1.36	5.06	15.47	-932.25	-722.16	-7580.27	-354.20	-612.95	-794.82
1619	2.27	5.06	15.47	-647.57	-792.00	-8047.34	-50.81	-224.43	-866.45
1620	3.18	5.06	15.47	-891.79	-893.88	-8363.07	196.98	93.42	-814.71
1621	4.09	5.07	15.47	-1213.60	-1154.00	-9055.55	84.14	162.29	-787.79
1622	5.00	5.07	15.47	-619.48	-1079.16	-9612.51	66.15	909.63	-419.04
1623	5.91	5.07	15.47	-91.98	-573.17	-8653.76	88.12	2472.18	250.38
1624	6.82	5.08	15.47	-89.44	-210.60	-6851.31	60.01	3262.41	606.69
1625	7.73	5.08	15.47	-1979.25	-448.16	-4480.33	-445.89	3701.04	751.06
1626	8.64	5.08	15.47	-1802.02	-300.01	-2249.64	-500.17	2478.90	572.64
1627	9.54	5.09	15.47	-1335.59	-192.99	-1251.24	-442.10	1554.10	437.20
1628	10.45	5.09	15.47	-897.75	-113.63	-768.58	-364.59	935.30	360.69
1629	11.36	5.10	15.47	-553.62	-52.53	-519.53	-288.81	524.08	326.36
1630	12.27	5.10	15.47	-297.48	-3.69	-365.12	-219.19	242.33	326.83
1631	13.18	5.10	15.47	-108.01	34.50	-219.91	-161.08	39.00	363.23
1632	14.09	5.11	15.47	36.25	55.61	-4.81	-131.98	-123.86	432.45
1633	0.44	6.15	15.47	-2045.13	-1351.85	-7150.06	-135.79	-899.15	-450.44
1634	1.32	6.16	15.47	-874.70	-1167.56	-8142.23	-220.52	-889.26	-690.44
1635	2.20	6.16	15.47	-348.67	-1043.55	-8771.85	-47.55	-324.13	-861.88
1636	3.09	6.16	15.47	-932.00	-1339.96	-9519.95	26.90	37.08	-899.65
1637	3.97	6.17	15.47	-1324.14	-1526.40	-10201.80	105.19	583.70	-542.69
1638	4.85	6.17	15.47	-392.83	-1119.32	-10038.70	470.69	1528.86	103.03
1639	5.73	6.18	15.47	124.01	-416.77	-9002.66	737.91	2790.65	578.38
1640	6.61	6.18	15.47	-932.23	-438.69	-6973.33	-68.29	3829.49	1141.84
1641	7.49	6.18	15.47	-1945.93	-629.98	-4336.12	-695.97	3604.10	1294.16
1642	8.37	6.19	15.47	-1785.94	-400.89	-2358.93	-668.98	2519.16	868.54
1643	9.26	6.19	15.47	-1353.92	-243.21	-1365.48	-546.08	1626.51	600.85
1644	10.14	6.19	15.47	-928.92	-133.90	-863.33	-424.52	1001.53	445.02
1645	11.02	6.20	15.47	-582.41	-54.87	-592.70	-320.39	572.61	362.08
1646	11.90	6.20	15.47	-316.76	4.91	-418.67	-233.91	271.77	331.27
1647	12.78	6.21	15.47	-114.75	49.08	-254.54	-166.86	50.11	345.01
1648	13.66	6.21	15.47	45.04	69.73	-20.55	-133.29	-130.71	393.02
1649	0.42	7.25	15.47	-2318.57	-1363.06	-7928.11	-39.02	-1021.54	-975.21
1650	1.27	7.25	15.47	-921.75	-1165.87	-9159.75	-2.60	-1056.97	-989.86
1651	2.12	7.25	15.47	-324.91	-1061.57	-10146.00	51.25	-492.82	-1006.60
1652	2.97	7.26	15.47	-964.64	-1300.28	-11407.00	75.09	-23.17	-1063.46
1653	3.82	7.26	15.47	-1004.84	-1109.66	-11705.60	385.82	1278.18	-670.79
1654	4.67	7.26	15.47	-74.89	-692.82	-10571.80	522.32	2393.58	147.61
1655	5.52	7.26	15.47	110.55	-682.26	-9295.14	632.16	3323.29	1188.81
1656	6.37	7.26	15.47	-1996.79	-1117.10	-6831.96	-358.33	4418.61	1806.59
1657	7.21	7.26	15.47	-1969.50	-743.61	-3933.96	-670.61	3394.76	1446.50
1658	8.06	7.27	15.47	-1715.09	-513.38	-2351.20	-717.53	2433.91	1064.26
1659	8.91	7.27	15.47	-1319.28	-310.99	-1447.52	-606.28	1631.82	738.33
1660	9.76	7.27	15.47	-926.85	-168.06	-952.98	-470.54	1037.48	525.95
1661	10.61	7.27	15.47	-594.32	-66.42	-668.67	-349.26	610.84	399.61
1662	11.46	7.27	15.47	-329.30	7.12	-475.57	-249.66	301.26	336.93
1663	12.31	7.27	15.47	-119.86	57.86	-291.11	-174.19	67.17	325.36
1664	13.16	7.28	15.47	52.99	81.11	-37.56	-134.04	-127.16	349.58
1665	0.48	3.95	13.78	-553.00	-263.46	-5584.26	-14.59	-235.27	-1389.99
1666	1.44	3.95	13.78	-471.70	-256.37	-5764.73	35.05	-193.72	-1371.78
1667	2.40	3.95	13.78	-363.12	-257.49	-5999.56	110.82	-77.22	-1313.08
1668	3.35	3.96	13.78	-232.45	-290.80	-6267.27	206.52	133.11	-1202.82
1669	4.31	3.96	13.78	-53.86	-298.33	-6483.15	303.86	523.85	-1002.08
1670	5.27	3.96	13.78	110.67	-187.43	-6321.77	351.61	1176.07	-689.01
1671	6.23	3.96	13.78	-13.85	-63.42	-5684.25	322.35	1771.10	-337.92
1672	7.19	3.96	13.78	-417.66	-41.40	-4706.42	181.54	2120.77	-66.71
1673	8.15	3.96	13.78	-543.00	18.42	-3595.87	108.61	2139.99	113.94
1674	9.10	3.96	13.78	-863.00	19.27	-2568.76	1.04	1965.53	246.73
1675	10.06	3.97	13.78	-882.08	40.70	-1729.82	-62.55	1533.14	313.47
1676	11.02	3.97	13.78	-745.04	56.38	-1196.14	-90.49	1106.52	354.47
1677	11.98	3.97	13.78	-553.23	67.39	-861.91	-97.95	754.89	388.40
1678	12.94	3.97	13.78	-356.60	74.61	-633.26	-97.96	477.81	422.55
1679	13.89	3.97	13.78	-175.82	76.63	-441.97	-102.82	251.81	455.16
1680	14.85	3.97	13.78	-16.23	71.26	-247.30	-122.83	40.01	473.62
1681	0.47	5.05	13.78	-566.83	-228.41	-6621.73	14.29	-206.58	-1111.58
1682	1.41	5.06	13.78	-487.51	-214.78	-6786.24	80.64	-149.74	-1068.94
1683	2.34	5.06	13.78	-367.10	-216.88	-7047.70	114.70	-11.48	-1016.41

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]
1684	3.28	5.06	13.78	-183.51	-219.13	-7346.55	186.14	269.00	-925.83
1685	4.22	5.07	13.78	69.05	-125.09	-7440.34	344.02	829.61	-678.56
1686	5.15	5.07	13.78	107.40	-24.63	-7059.70	407.63	1548.35	-308.45
1687	6.09	5.07	13.78	-131.59	-26.98	-6234.15	302.46	2101.04	19.50
1688	7.03	5.08	13.78	-540.19	-27.53	-5105.47	125.73	2380.32	258.32
1689	7.96	5.08	13.78	-607.65	62.61	-3907.40	29.18	2331.54	396.10
1690	8.90	5.08	13.78	-929.70	49.88	-2827.97	-93.95	2134.91	465.24
1691	9.84	5.09	13.78	-942.12	64.66	-1932.62	-146.79	1671.89	461.46
1692	10.77	5.09	13.78	-796.29	78.30	-1354.25	-154.54	1214.93	444.97
1693	11.71	5.09	13.78	-593.19	88.78	-986.14	-142.08	834.81	436.10
1694	12.65	5.10	13.78	-383.37	95.03	-732.04	-125.61	531.99	437.87
1695	13.58	5.10	13.78	-187.98	94.34	-521.85	-117.58	282.75	443.72
1696	14.52	5.10	13.78	-12.81	83.79	-314.89	-126.17	50.18	436.30
1697	0.46	6.15	13.78	-547.72	-231.48	-7579.66	26.06	-157.93	-848.96
1698	1.37	6.16	13.78	-502.87	-234.25	-7715.86	88.57	-90.64	-800.34
1699	2.28	6.16	13.78	-373.88	-240.22	-8028.46	151.50	49.87	-731.05
1700	3.19	6.16	13.78	-61.61	-153.77	-8314.19	287.72	460.51	-571.87
1701	4.10	6.17	13.78	177.68	-27.30	-8237.02	427.92	1172.08	-256.19
1702	5.01	6.17	13.78	7.86	11.19	-7645.59	353.11	1894.36	120.63
1703	5.92	6.17	13.78	-291.92	-37.49	-6615.80	135.73	2371.73	416.08
1704	6.83	6.18	13.78	-496.71	27.43	-5392.58	92.89	2548.98	581.08
1705	7.74	6.18	13.78	-740.82	73.48	-4155.96	-42.28	2524.50	680.48
1706	8.65	6.18	13.78	-973.79	51.74	-3008.11	-193.95	2237.85	699.74
1707	9.56	6.19	13.78	-967.98	66.16	-2108.29	-237.09	1765.80	622.81
1708	10.47	6.19	13.78	-819.80	84.73	-1507.13	-225.17	1300.14	546.38
1709	11.38	6.20	13.78	-614.91	99.85	-1113.32	-192.51	906.33	491.01
1710	12.29	6.20	13.78	-400.07	108.64	-835.86	-158.52	586.89	456.26
1711	13.20	6.20	13.78	-196.36	108.14	-607.27	-135.70	320.08	431.19
1712	14.11	6.21	13.78	-9.98	95.12	-389.95	-130.99	70.39	394.67
1713	0.44	7.25	13.78	-517.01	-182.59	-8624.84	58.78	-110.88	-628.65
1714	1.32	7.25	13.78	-477.30	-144.20	-8733.76	140.20	-8.39	-559.42
1715	2.20	7.25	13.78	-299.84	-88.06	-9028.00	230.30	192.65	-426.93
1716	3.07	7.26	13.78	105.01	49.62	-9153.68	369.16	770.48	-144.76
1717	3.95	7.26	13.78	222.24	94.87	-8830.50	404.14	1543.20	240.09
1718	4.83	7.26	13.78	-109.97	69.21	-8021.82	340.74	2206.88	613.87
1719	5.71	7.26	13.78	-417.05	96.54	-6834.52	105.79	2569.88	821.84
1720	6.59	7.26	13.78	-419.25	155.66	-5578.82	21.79	2667.98	930.12
1721	7.47	7.26	13.78	-859.48	38.13	-4328.86	-185.62	2670.56	1001.74
1722	8.34	7.27	13.78	-1000.82	34.05	-3131.49	-294.47	2291.92	913.28
1723	9.22	7.27	13.78	-964.57	51.37	-2255.38	-321.81	1817.82	778.94
1724	10.10	7.27	13.78	-815.91	77.61	-1652.91	-293.97	1360.69	650.33
1725	10.98	7.27	13.78	-616.43	100.38	-1243.15	-244.51	967.50	550.35
1726	11.86	7.27	13.78	-404.46	114.50	-946.03	-194.54	641.42	477.39
1727	12.73	7.27	13.78	-199.28	116.35	-700.69	-156.78	364.09	418.41
1728	13.61	7.28	13.78	-7.56	105.38	-474.33	-136.99	103.10	350.46
1729	0.49	3.95	12.09	-135.60	-34.61	-5122.48	22.18	-145.46	-1115.54
1730	1.48	3.95	12.09	-86.54	-30.50	-5213.19	94.14	-14.30	-1072.37
1731	2.46	3.95	12.09	-3.96	-19.56	-5310.55	166.50	167.18	-989.16
1732	3.45	3.95	12.09	94.01	8.88	-5359.67	236.16	436.06	-855.80
1733	4.43	3.96	12.09	155.30	53.94	-5259.08	287.73	794.97	-670.79
1734	5.42	3.96	12.09	109.10	84.66	-4957.92	302.64	1158.65	-457.82
1735	6.41	3.96	12.09	-13.80	100.94	-4470.06	275.36	1455.14	-248.56
1736	7.39	3.96	12.09	-159.99	125.14	-3835.60	230.73	1642.06	-54.40
1737	8.38	3.96	12.09	-369.44	127.28	-3142.85	156.15	1673.60	105.56
1738	9.36	3.96	12.09	-471.79	129.87	-2484.32	93.86	1554.29	222.07
1739	10.35	3.96	12.09	-534.03	120.87	-1929.78	37.35	1356.78	307.90
1740	11.33	3.97	12.09	-511.02	112.01	-1491.59	-5.78	1106.36	367.87
1741	12.32	3.97	12.09	-426.46	102.53	-1171.17	-37.60	853.60	410.23
1742	13.30	3.97	12.09	-310.08	92.04	-938.04	-63.27	618.08	437.73
1743	14.29	3.97	12.09	-181.45	80.32	-763.54	-86.88	396.03	447.20
1744	15.28	3.97	12.09	-50.00	67.28	-636.30	-110.18	173.35	432.35
1745	0.48	5.05	12.09	-88.67	90.35	-5997.71	30.06	-120.07	-870.24
1746	1.45	5.05	12.09	-36.88	95.10	-6081.10	101.82	55.89	-824.99
1747	2.41	5.06	12.09	53.23	111.78	-6148.64	182.68	290.77	-731.68
1748	3.38	5.06	12.09	144.86	143.38	-6124.34	257.77	620.86	-575.26
1749	4.34	5.06	12.09	163.20	165.12	-5925.08	287.41	1007.78	-376.94
1750	5.31	5.07	12.09	96.22	177.41	-5523.95	273.06	1374.74	-172.41
1751	6.27	5.07	12.09	-37.93	196.27	-4940.09	234.13	1665.67	23.10
1752	7.23	5.07	12.09	-197.35	201.82	-4219.79	174.09	1835.73	191.08
1753	8.20	5.08	12.09	-418.54	179.63	-3456.61	91.42	1841.05	312.78
1754	9.16	5.08	12.09	-512.29	172.23	-2745.43	27.78	1693.56	387.00
1755	10.13	5.08	12.09	-569.95	153.95	-2152.17	-24.50	1475.73	430.53
1756	11.09	5.09	12.09	-542.88	138.50	-1681.04	-57.92	1206.17	450.46
1757	12.06	5.09	12.09	-453.46	124.10	-1333.92	-77.61	934.25	457.59
1758	13.02	5.09	12.09	-330.51	109.37	-1081.20	-90.96	679.79	454.79
1759	13.99	5.10	12.09	-193.31	93.70	-895.04	-102.80	439.69	437.77
1760	14.95	5.10	12.09	-52.06	76.93	-764.40	-114.37	201.58	399.01
1761	0.47	6.15	12.09	-24.46	221.86	-6821.33	41.33	-89.54	-551.38
1762	1.41	6.16	12.09	31.44	231.89	-6890.51	119.50	137.20	-493.29
1763	2.35	6.16	12.09	128.93	258.28	-6902.53	196.54	435.84	-377.83
1764	3.29	6.16	12.09	188.31	277.87	-6781.97	247.98	812.29	-208.26
1765	4.22	6.17	12.09	169.66	281.39	-6480.50	252.15	1204.87	-18.60
1766	5.16	6.17	12.09	98.88	280.67	-5983.70	234.79	1570.04	169.94
1767	6.10	6.17	12.09	-50.58	280.28	-5311.78	192.57	1850.55	347.28
1768	7.04	6.18	12.09	-255.72	246.79	-4522.12	85.99	1989.32	477.58
1769	7.98	6.18	12.09	-429.49	216.03	-3714.83	8.36	1956.06	542.51
1770	8.92	6.18	12.09	-536.80	195.68	-2980.27	-48.92	1802.13	566.28
1771	9.86	6.19	12.09	-585.72	171.42	-2358.53	-94.56	1567.41	564.77
1772	10.80	6.19	12.09	-555.67	152.35	-1866.56	-116.82	1287.98	541.53
1773	11.73	6.19	12.09	-465.71	135.99	-1499.60	-123.37	1005.98	510.21
1774	12.67	6.20	12.09	-341.64	119.84	-1230.77	-123.28	740.02	473.83
1775	13.61	6.20	12.09	-201.22	103.21	-1034.90	-121.81	487.90	427.41
1776	14.55	6.20	12.09	-54.81	85.82	-902.56	-120.31	239.25	363.15
1777	0.45	7.25	12.09	70.63	402.98	-7566.40	46.87	-48.66	-114.94
1778	1.36	7.25	12.09	124.98	402.18	-7599.32	124.43	239.15	-47.25
1779	2.27	7.25	12.09	209.76	411.78	-7524.97	191.91	597.13	80.81
1780	3.18	7.26	12.09	221.75	401.68	-7298.89	217.13	992.23	243.83
1781	4.08	7.26	12.09	180.13	387.94	-6899.42	206.80	1376.81	415.05
1782	4.99	7.26	12.09	103.67	361.22	-6322.20	150.28	1726.83	566.70

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]
1783	5.90	7.26	12.09	-59.63	311.20	-5578.81	90.98	1991.70	696.16
1784	6.81	7.26	12.09	-299.47	256.63	-4740.93	-11.69	2088.88	769.07
1785	7.72	7.26	12.09	-416.53	239.46	-3918.29	-75.94	2022.74	777.51
1786	8.62	7.26	12.09	-536.37	200.00	-3183.64	-135.94	1872.08	756.61
1787	9.53	7.27	12.09	-578.85	172.48	-2549.31	-169.87	1630.30	703.99
1788	10.44	7.27	12.09	-547.84	152.69	-2048.07	-179.50	1350.15	637.20
1789	11.35	7.27	12.09	-461.54	137.19	-1669.35	-172.83	1067.22	566.76
1790	12.25	7.27	12.09	-341.74	122.55	-1389.20	-159.19	797.69	495.26
1791	13.16	7.27	12.09	-203.84	107.78	-1186.29	-143.91	540.46	417.78
1792	14.07	7.27	12.09	-57.93	93.82	-1053.24	-128.42	287.71	327.31
1793	0.51	3.95	10.41	99.10	105.93	-4560.83	18.95	-82.11	-793.26
1794	1.52	3.95	10.41	130.68	111.08	-4595.02	84.55	97.42	-752.23
1795	2.53	3.95	10.41	166.50	121.93	-4589.48	144.37	306.98	-675.05
1796	3.54	3.95	10.41	187.14	135.39	-4512.92	191.53	546.84	-564.86
1797	4.56	3.96	10.41	171.49	146.07	-4341.62	219.16	796.59	-430.67
1798	5.57	3.96	10.41	117.14	154.92	-4065.26	224.80	1030.36	-283.61
1799	6.58	3.96	10.41	23.45	160.27	-3689.17	210.25	1218.04	-134.34
1800	7.60	3.96	10.41	-100.21	155.34	-3246.33	175.76	1326.69	3.46
1801	8.61	3.96	10.41	-210.09	146.66	-2780.04	133.08	1350.21	122.92
1802	9.62	3.96	10.41	-306.83	131.96	-2334.19	83.61	1295.74	221.65
1803	10.63	3.96	10.41	-354.96	116.53	-1941.22	36.54	1177.94	298.83
1804	11.65	3.96	10.41	-361.51	99.79	-1621.13	-6.23	1024.44	357.42
1805	12.66	3.97	10.41	-327.13	83.69	-1375.60	-42.69	850.45	398.46
1806	13.67	3.97	10.41	-260.66	68.85	-1199.38	-71.92	665.84	421.28
1807	14.68	3.97	10.41	-175.05	54.72	-1085.38	-93.82	475.02	423.79
1808	15.70	3.97	10.41	-70.23	44.07	-1028.65	-104.86	276.13	402.23
1809	0.50	5.05	10.41	159.81	230.37	-5235.50	23.49	-53.33	-544.95
1810	1.49	5.05	10.41	188.93	234.63	-5251.38	87.50	165.57	-499.35
1811	2.48	5.06	10.41	215.45	241.00	-5208.31	141.62	411.35	-417.21
1812	3.47	5.06	10.41	220.49	245.05	-5080.90	178.30	676.55	-307.03
1813	4.47	5.06	10.41	191.97	246.45	-4850.89	195.99	942.90	-178.79
1814	5.46	5.07	10.41	121.37	242.82	-4511.58	192.68	1184.07	-42.27
1815	6.45	5.07	10.41	13.43	230.03	-4074.94	166.84	1367.46	88.17
1816	7.44	5.07	10.41	-118.42	211.29	-3580.65	125.07	1464.62	199.73
1817	8.44	5.08	10.41	-230.51	191.69	-3072.20	79.13	1475.54	288.47
1818	9.43	5.08	10.41	-329.70	166.37	-2591.51	31.38	1408.12	354.27
1819	10.42	5.08	10.41	-377.19	143.53	-2170.10	-10.36	1276.73	398.48
1820	11.41	5.09	10.41	-382.45	121.10	-1827.86	-45.48	1110.29	425.58
1821	12.41	5.09	10.41	-346.01	100.74	-1565.68	-72.99	923.48	437.42
1822	13.40	5.09	10.41	-276.28	82.72	-1378.58	-92.98	726.25	434.06
1823	14.39	5.09	10.41	-186.17	66.10	-1260.15	-106.15	524.02	414.41
1824	15.38	5.10	10.41	-75.05	54.40	-1204.81	-108.19	315.72	374.86
1825	0.48	6.15	10.41	229.54	351.87	-5835.60	25.79	-21.91	-212.44
1826	1.45	6.15	10.41	254.01	352.31	-5827.15	81.71	235.51	-165.97
1827	2.42	6.16	10.41	265.88	348.89	-5742.03	125.65	511.58	-86.86
1828	3.39	6.16	10.41	255.97	341.36	-5562.94	151.34	795.13	14.99
1829	4.35	6.16	10.41	213.23	328.61	-5275.99	157.45	1071.96	130.15
1830	5.32	6.17	10.41	125.90	308.06	-4880.87	139.37	1311.03	244.47
1831	6.29	6.17	10.41	7.91	279.03	-4398.60	101.89	1482.93	341.97
1832	7.25	6.17	10.41	-120.25	250.38	-3868.00	62.35	1569.68	418.60
1833	8.22	6.18	10.41	-241.80	218.35	-3331.24	13.80	1570.74	472.23
1834	9.19	6.18	10.41	-334.67	185.86	-2828.03	-30.08	1491.35	499.87
1835	10.16	6.18	10.41	-383.22	157.18	-2390.15	-64.20	1353.53	506.81
1836	11.12	6.19	10.41	-388.76	131.28	-2032.65	-90.12	1179.98	499.28
1837	12.09	6.19	10.41	-353.23	108.93	-1758.28	-107.45	986.38	479.20
1838	13.06	6.19	10.41	-284.31	90.03	-1562.60	-117.21	782.59	447.42
1839	14.03	6.20	10.41	-194.21	73.32	-1440.77	-120.74	575.09	404.08
1840	14.99	6.20	10.41	-80.63	63.26	-1387.43	-113.00	362.68	346.06
1841	0.47	7.25	10.41	305.72	451.81	-6311.64	25.11	10.39	202.60
1842	1.41	7.25	10.41	322.34	447.71	-6277.01	66.49	300.07	244.82
1843	2.34	7.25	10.41	318.00	433.78	-6152.42	93.95	597.61	311.53
1844	3.28	7.26	10.41	294.53	413.78	-5926.24	105.27	892.72	394.32
1845	4.22	7.26	10.41	236.38	384.13	-5591.79	95.76	1170.79	481.10
1846	5.15	7.26	10.41	136.81	348.36	-5155.05	71.29	1400.95	561.25
1847	6.09	7.26	10.41	13.87	309.58	-4646.79	28.10	1556.80	620.21
1848	7.03	7.26	10.41	-107.76	268.38	-4100.29	-14.70	1635.28	655.23
1849	7.97	7.26	10.41	-236.41	222.82	-3552.70	-61.81	1629.07	665.71
1850	8.90	7.26	10.41	-321.22	187.87	-3042.46	-97.04	1543.00	651.10
1851	9.84	7.27	10.41	-370.98	155.74	-2600.34	-123.02	1405.46	620.36
1852	10.78	7.27	10.41	-378.97	128.91	-2236.16	-138.78	1231.72	577.01
1853	11.72	7.27	10.41	-347.51	107.03	-1955.11	-145.44	1037.88	524.33
1854	12.65	7.27	10.41	-283.42	89.73	-1754.07	-144.47	834.00	463.63
1855	13.59	7.27	10.41	-197.81	75.66	-1630.06	-137.73	627.54	396.17
1856	14.53	7.27	10.41	-86.75	70.00	-1578.19	-120.06	417.36	319.78
1857	0.52	3.95	8.72	194.65	138.05	-3953.92	8.73	-40.60	-528.31
1858	1.56	3.95	8.72	208.22	140.12	-3955.29	57.16	144.11	-495.13
1859	2.60	3.95	8.72	213.05	142.43	-3909.22	98.59	337.92	-436.56
1860	3.64	3.95	8.72	201.33	143.72	-3806.13	129.18	535.23	-356.73
1861	4.68	3.96	8.72	167.70	143.18	-3638.98	146.32	725.34	-261.29
1862	5.72	3.96	8.72	108.93	139.17	-3407.72	148.53	892.63	-157.17
1863	6.76	3.96	8.72	29.45	130.74	-3123.70	135.74	1020.16	-52.16
1864	7.80	3.96	8.72	-58.85	119.33	-2806.05	110.83	1098.07	47.72
1865	8.84	3.96	8.72	-147.34	104.66	-2479.38	76.01	1121.52	137.79
1866	9.88	3.96	8.72	-219.30	88.69	-2168.14	35.79	1094.60	215.72
1867	10.92	3.96	8.72	-270.26	71.78	-1893.24	-7.41	1027.73	281.40
1868	11.96	3.96	8.72	-292.57	55.18	-1669.50	-49.91	931.87	335.57
1869	13.00	3.96	8.72	-284.88	39.27	-1507.46	-87.64	817.29	379.19
1870	14.04	3.97	8.72	-244.49	25.40	-1412.81	-114.26	686.65	410.84
1871	15.08	3.97	8.72	-167.81	17.67	-1374.59	-122.00	529.45	422.81
1872	16.12	3.97	8.72	-95.33	6.98	-1382.25	-119.78	358.28	413.57
1873	0.51	5.05	8.72	244.63	225.61	-4458.12	9.61	-16.81	-293.60
1874	1.53	5.05	8.72	253.72	225.23	-4446.08	51.67	194.79	-260.60
1875	2.55	5.06	8.72	250.80	222.50	-4376.36	86.10	411.39	-204.85
1876	3.57	5.06	8.72	229.58	216.92	-4241.72	109.41	626.39	-130.89
1877	4.59	5.06	8.72	184.72	207.41	-4038.25	118.86	827.64	-45.18
1878	5.61	5.07	8.72	115.97	193.53	-3769.99	113.70	999.31	44.21
1879	6.63	5.07	8.72	28.44	176.03	-3451.31	95.97	1126.41	130.11
1880	7.65	5.07	8.72	-65.79	155.67	-3102.41	68.62	1200.57	207.54
1881	8.67	5.07	8.72	-158.60	133.19	-2749.04	34.33	1217.70	272.69

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]
1882	9.69	5.08	8.72	-232.78	111.33	-2416.01	-2.67	1183.48	324.23
1883	10.71	5.08	8.72	-285.43	90.03	-2123.95	-40.16	1109.13	363.13
1884	11.73	5.08	8.72	-308.63	70.90	-1887.63	-75.38	1005.80	391.08
1885	12.75	5.09	8.72	-300.78	54.04	-1718.14	-105.35	884.21	409.92
1886	13.77	5.09	8.72	-258.36	40.62	-1621.24	-124.65	746.77	419.12
1887	14.79	5.09	8.72	-177.53	34.49	-1584.16	-126.44	582.15	411.89
1888	15.81	5.10	8.72	-103.18	22.33	-1595.90	-122.16	405.68	390.25
1889	0.50	6.15	8.72	295.15	296.41	-4891.69	8.40	6.76	-2.73
1890	1.49	6.15	8.72	298.89	292.97	-4865.76	40.65	240.85	27.46
1891	2.49	6.16	8.72	288.31	284.87	-4773.44	65.10	475.52	76.09
1892	3.49	6.16	8.72	257.43	271.65	-4610.21	78.65	703.17	138.23
1893	4.48	6.16	8.72	202.63	253.21	-4376.30	79.22	910.15	206.73
1894	5.48	6.17	8.72	126.32	230.23	-4079.58	67.74	1082.45	274.46
1895	6.47	6.17	8.72	33.76	204.16	-3735.78	46.42	1207.18	335.74
1896	7.47	6.17	8.72	-65.12	175.39	-3366.65	16.77	1276.42	385.07
1897	8.47	6.18	8.72	-157.60	147.04	-2997.40	-14.79	1288.44	420.13
1898	9.46	6.18	8.72	-233.82	120.57	-2651.88	-46.83	1249.97	441.67
1899	10.46	6.18	8.72	-286.79	96.91	-2349.46	-76.96	1170.98	450.74
1900	11.45	6.19	8.72	-311.49	77.14	-2105.15	-103.22	1063.77	449.56
1901	12.45	6.19	8.72	-305.49	61.41	-1929.68	-123.92	938.72	440.70
1902	13.44	6.19	8.72	-264.57	50.53	-1829.30	-134.93	798.75	424.57
1903	14.44	6.19	8.72	-184.06	48.01	-1790.69	-130.52	632.55	395.91
1904	15.44	6.20	8.72	-112.19	36.94	-1805.88	-125.08	458.15	362.06
1905	0.48	7.25	8.72	343.34	337.31	-5227.44	4.77	28.51	332.42
1906	1.45	7.25	8.72	341.76	330.63	-5189.15	23.82	278.48	356.53
1907	2.42	7.25	8.72	324.09	317.42	-5078.25	36.03	524.81	393.19
1908	3.38	7.25	8.72	284.34	297.19	-4893.88	38.33	758.59	437.23
1909	4.35	7.26	8.72	222.15	271.49	-4639.71	30.40	966.34	482.77
1910	5.32	7.26	8.72	140.69	241.05	-4326.88	11.98	1135.76	523.04
1911	6.28	7.26	8.72	45.99	207.89	-3970.94	-12.25	1256.89	553.71
1912	7.25	7.26	8.72	-54.31	174.53	-3594.68	-41.16	1321.32	571.07
1913	8.22	7.26	8.72	-144.15	143.65	-3221.99	-69.01	1330.70	574.10
1914	9.18	7.26	8.72	-220.97	114.57	-2874.44	-95.34	1291.35	563.97
1915	10.15	7.26	8.72	-273.60	90.75	-2569.71	-116.96	1211.59	542.01
1916	11.12	7.27	8.72	-300.10	72.15	-2322.48	-133.52	1104.26	511.21
1917	12.08	7.27	8.72	-297.75	58.99	-2142.68	-144.25	979.32	474.03
1918	13.05	7.27	8.72	-262.07	51.67	-2036.97	-146.64	840.95	431.99
1919	14.02	7.27	8.72	-187.35	52.63	-1993.76	-136.57	679.55	382.13
1920	14.98	7.27	8.72	-122.21	44.78	-2010.06	-129.49	515.01	336.09
1921	0.53	3.95	7.03	207.75	99.59	-3376.12	-2.40	-17.15	-348.48
1922	1.60	3.95	7.03	212.52	99.32	-3366.71	29.78	151.59	-324.26
1923	2.67	3.95	7.03	205.42	97.31	-3315.20	56.48	320.63	-282.17
1924	3.73	3.95	7.03	183.78	93.24	-3219.15	75.18	484.35	-225.15
1925	4.80	3.96	7.03	145.77	86.71	-3078.65	83.99	634.73	-157.27
1926	5.87	3.96	7.03	92.33	77.65	-2898.23	82.02	762.62	-83.23
1927	6.94	3.96	7.03	27.19	66.47	-2686.95	69.47	860.09	-7.59
1928	8.00	3.96	7.03	-44.30	53.57	-2458.11	47.10	921.41	65.61
1929	9.07	3.96	7.03	-114.51	40.02	-2227.13	16.35	945.35	133.49
1930	10.14	3.96	7.03	-178.23	26.42	-2009.62	-21.63	934.75	194.65
1931	11.20	3.96	7.03	-230.06	13.22	-1819.58	-65.53	895.95	249.42
1932	12.27	3.96	7.03	-267.78	-0.43	-1669.47	-114.10	837.85	300.36
1933	13.34	3.96	7.03	-288.50	-16.42	-1571.76	-164.25	770.03	352.36
1934	14.41	3.97	7.03	-286.59	-36.69	-1543.93	-207.15	700.87	412.01
1935	15.47	3.97	7.03	-244.89	-58.38	-1623.60	-218.85	628.99	480.26
1936	16.54	3.97	7.03	-74.90	-29.58	-1730.50	-133.86	438.85	495.54
1937	0.52	5.05	7.03	241.92	148.52	-3762.69	-3.36	1.24	-143.10
1938	1.57	5.05	7.03	243.60	146.59	-3745.38	22.16	188.13	-120.40
1939	2.62	5.06	7.03	231.32	141.34	-3679.85	42.24	372.91	-82.61
1940	3.67	5.06	7.03	203.07	132.68	-3565.34	54.60	548.91	-32.97
1941	4.72	5.06	7.03	158.17	120.74	-3404.00	57.86	707.69	24.32
1942	5.76	5.06	7.03	98.17	105.93	-3202.24	51.74	840.37	84.79
1943	6.81	5.07	7.03	27.45	89.00	-2970.65	36.79	939.43	144.17
1944	7.86	5.07	7.03	-48.43	71.06	-2723.80	14.24	999.88	198.83
1945	8.91	5.07	7.03	-121.86	53.56	-2477.63	-14.19	1021.41	246.56
1946	9.96	5.08	7.03	-188.23	37.51	-2247.96	-47.37	1007.42	286.55
1947	11.01	5.08	7.03	-242.53	23.86	-2049.03	-84.47	964.92	319.60
1948	12.05	5.08	7.03	-283.27	11.96	-1893.67	-125.28	903.82	348.77
1949	13.10	5.08	7.03	-307.63	-0.40	-1795.34	-168.57	834.91	380.06
1950	14.15	5.09	7.03	-308.39	-17.01	-1774.01	-207.61	767.47	422.21
1951	15.20	5.09	7.03	-263.56	-37.47	-1869.98	-218.34	696.78	478.11
1952	16.25	5.09	7.03	-77.66	-1.07	-1987.55	-130.38	492.64	477.33
1953	0.51	6.15	7.03	273.17	179.22	-4094.86	-5.67	18.64	97.60
1954	1.54	6.15	7.03	271.85	175.54	-4070.18	11.09	219.50	117.10
1955	2.56	6.16	7.03	254.74	167.12	-3992.77	22.91	415.86	147.77
1956	3.59	6.16	7.03	220.86	154.27	-3863.72	27.87	600.14	186.46
1957	4.61	6.16	7.03	170.52	137.56	-3687.06	25.13	764.05	229.30
1958	5.63	6.17	7.03	105.91	117.87	-3470.76	14.78	899.05	272.21
1959	6.66	6.17	7.03	31.75	96.41	-3226.68	-2.18	998.30	311.36
1960	7.68	6.17	7.03	-45.80	74.93	-2969.68	-23.83	1057.89	344.18
1961	8.71	6.17	7.03	-120.55	54.84	-2715.74	-48.99	1077.88	368.99
1962	9.73	6.18	7.03	-187.03	37.79	-2480.32	-75.99	1061.95	385.29
1963	10.76	6.18	7.03	-241.97	25.09	-2277.31	-104.37	1017.52	394.21
1964	11.78	6.18	7.03	-284.23	17.02	-2119.19	-134.56	954.64	398.60
1965	12.81	6.19	7.03	-312.44	11.99	-2019.86	-167.15	885.59	404.43
1966	13.83	6.19	7.03	-319.28	5.81	-2001.46	-199.03	821.98	421.96
1967	14.86	6.19	7.03	-277.83	-4.46	-2108.26	-209.93	758.76	458.41
1968	15.88	6.19	7.03	-79.44	40.30	-2232.48	-125.39	549.26	440.51
1969	0.50	7.25	7.03	299.69	184.19	-4359.32	-9.21	34.26	362.28
1970	1.49	7.25	7.03	295.73	179.15	-4328.83	-2.74	243.60	376.87
1971	2.49	7.25	7.03	274.64	168.40	-4243.41	-0.43	446.37	397.88
1972	3.49	7.25	7.03	236.68	152.72	-4105.64	-3.50	634.53	422.65
1973	4.48	7.26	7.03	182.76	132.90	-3921.21	-12.51	800.04	447.78
1974	5.48	7.26	7.03	115.85	110.39	-3699.04	-26.61	935.13	470.08
1975	6.48	7.26	7.03	40.62	86.69	-3451.78	-44.95	1033.61	486.66
1976	7.47	7.26	7.03	-36.42	63.52	-3193.77	-65.38	1092.79	495.65
1977	8.47	7.26	7.03	-110.36	42.66	-2940.37	-86.66	1112.61	496.08
1978	9.46	7.26	7.03	-174.90	26.22	-2706.23	-107.03	1096.84	487.96
1979	10.46	7.26	7.03	-228.22	15.34	-2504.32	-126.14	1052.57	472.41
1980	11.46	7.26	7.03	-269.22	11.45	-2345.99	-144.15	989.01	451.48

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]
1981	12.45	7.27	7.03	-298.41	14.39	-2243.91	-162.43	918.62	429.46
1982	13.45	7.27	7.03	-311.69	20.98	-2219.32	-181.49	855.75	415.26
1983	14.45	7.27	7.03	-281.40	26.77	-2318.53	-188.91	801.12	419.71
1984	15.44	7.27	7.03	-81.84	81.27	-2437.63	-116.93	604.47	382.45
1985	0.55	3.95	5.34	183.89	32.37	-2866.84	-10.46	-2.93	-245.11
1986	1.64	3.95	5.34	185.87	31.17	-2856.25	8.74	144.42	-227.63
1987	2.74	3.95	5.34	176.05	27.54	-2811.67	23.87	288.97	-197.36
1988	3.83	3.95	5.34	153.75	21.53	-2733.56	33.13	425.58	-156.39
1989	4.92	3.95	5.34	119.26	13.35	-2624.39	35.26	548.48	-107.45
1990	6.02	3.96	5.34	74.13	3.41	-2489.17	29.56	652.00	-53.63
1991	7.11	3.96	5.34	21.23	-7.66	-2335.52	15.85	731.25	1.94
1992	8.21	3.96	5.34	-35.50	-18.90	-2173.09	-5.65	783.27	56.50
1993	9.30	3.96	5.34	-92.25	-29.34	-2012.61	-34.74	807.29	107.95
1994	10.40	3.96	5.34	-145.59	-38.18	-1864.75	-71.55	804.96	155.16
1995	11.49	3.96	5.34	-193.91	-45.55	-1739.29	-117.20	780.05	198.45
1996	12.59	3.96	5.34	-237.09	-53.64	-1644.63	-174.00	738.00	240.45
1997	13.68	3.96	5.34	-277.29	-68.58	-1588.37	-245.16	686.32	287.89
1998	14.77	3.96	5.34	-321.32	-101.46	-1581.36	-333.06	637.90	355.86
1999	15.87	3.97	5.34	-387.35	-167.31	-1653.60	-437.39	625.13	482.60
2000	16.96	3.97	5.34	-498.93	-321.05	-2200.83	-545.75	794.50	811.94
2001	0.54	5.05	5.34	204.05	51.38	-3173.89	-12.26	11.67	-71.30
2002	1.61	5.05	5.34	203.95	49.14	-3158.84	0.99	171.74	-55.50
2003	2.69	5.06	5.34	190.73	43.51	-3106.39	10.46	327.56	-29.43
2004	3.77	5.06	5.34	164.23	34.79	-3017.97	14.69	473.43	4.88
2005	4.84	5.06	5.34	125.26	23.44	-2897.19	12.75	603.34	44.82
2006	5.92	5.06	5.34	75.91	10.20	-2750.19	4.31	711.61	87.50
2007	6.99	5.07	5.34	19.40	-3.91	-2585.58	-10.40	793.67	130.14
2008	8.07	5.07	5.34	-40.11	-17.59	-2413.70	-30.83	846.90	170.39
2009	9.15	5.07	5.34	-98.90	-29.42	-2245.77	-56.51	870.89	206.51
2010	10.22	5.07	5.34	-153.82	-38.00	-2092.75	-87.42	867.68	237.67
2011	11.30	5.08	5.34	-204.10	-42.67	-1964.60	-124.88	841.48	264.33
2012	12.37	5.08	5.34	-251.06	-44.71	-1869.96	-172.43	798.57	289.34
2013	13.45	5.08	5.34	-298.71	-50.99	-1817.07	-236.96	748.02	320.66
2014	14.53	5.08	5.34	-353.30	-79.16	-1818.24	-326.60	704.30	377.30
2015	15.60	5.09	5.34	-429.81	-159.40	-1909.03	-443.23	700.06	504.12
2016	16.68	5.09	5.34	-550.22	-367.12	-2520.97	-559.88	884.16	849.41
2017	0.53	6.15	5.34	220.00	54.18	-3442.79	-14.93	25.33	125.80
2018	1.58	6.15	5.34	217.98	51.03	-3423.92	-8.75	194.64	138.90
2019	2.63	6.16	5.34	201.93	43.81	-3365.63	-5.82	358.42	159.18
2020	3.69	6.16	5.34	172.19	33.02	-3270.20	-7.22	510.63	184.80
2021	4.74	6.16	5.34	130.07	19.39	-3142.20	-13.52	645.18	213.44
2022	5.79	6.16	5.34	78.11	3.93	-2988.65	-24.65	756.60	242.66
2023	6.85	6.17	5.34	19.86	-12.06	-2818.71	-40.08	840.70	270.19
2024	7.90	6.17	5.34	-40.53	-27.05	-2643.06	-59.05	895.18	294.13
2025	8.95	6.17	5.34	-99.08	-39.24	-2472.96	-80.68	919.92	313.17
2026	10.00	6.18	5.34	-153.06	-46.79	-2319.28	-104.71	917.09	326.74
2027	11.06	6.18	5.34	-201.96	-47.97	-2191.79	-131.95	890.92	335.15
2028	12.11	6.18	5.34	-248.77	-42.03	-2099.10	-165.77	848.10	340.60
2029	13.16	6.18	5.34	-301.25	-31.93	-2049.83	-214.91	799.46	350.09
2030	14.22	6.19	5.34	-371.65	-35.06	-2059.44	-297.07	765.14	385.12
2031	15.27	6.19	5.34	-472.14	-99.18	-2177.00	-428.97	785.40	503.35
2032	16.32	6.19	5.34	-611.26	-334.19	-2886.21	-578.52	1010.41	876.43
2033	0.51	7.25	5.34	230.53	37.20	-3667.89	-18.30	37.57	337.41
2034	1.54	7.25	5.34	226.91	33.51	-3646.37	-19.84	212.00	346.85
2035	2.56	7.25	5.34	208.87	25.50	-3585.03	-23.91	379.95	360.02
2036	3.59	7.25	5.34	177.08	13.78	-3486.84	-31.18	535.25	375.39
2037	4.62	7.26	5.34	133.34	-0.68	-3356.99	-41.80	671.95	391.18
2038	5.64	7.26	5.34	80.46	-16.74	-3202.96	-55.52	784.93	405.46
2039	6.67	7.26	5.34	22.24	-32.90	-3034.03	-71.50	870.44	416.59
2040	7.69	7.26	5.34	-37.23	-47.52	-2860.76	-88.85	926.42	423.24
2041	8.72	7.26	5.34	-93.76	-58.72	-2694.03	-106.50	952.96	424.61
2042	9.74	7.26	5.34	-144.67	-64.56	-2544.19	-123.88	952.07	420.28
2043	10.77	7.26	5.34	-188.93	-62.71	-2420.52	-140.94	927.60	410.42
2044	11.80	7.26	5.34	-229.54	-50.66	-2331.13	-159.37	885.66	396.06
2045	12.82	7.26	5.34	-275.64	-26.36	-2284.27	-184.76	836.63	380.67
2046	13.85	7.27	5.34	-347.74	7.98	-2294.46	-233.89	803.33	377.51
2047	14.87	7.27	5.34	-477.59	8.17	-2421.46	-349.07	845.62	445.84
2048	15.90	7.27	5.34	-663.79	-188.15	-3205.00	-532.41	1145.29	795.26
2049	-14.01	3.97	17.16	118.10	-11.10	19.85	177.34	127.00	243.02
2050	-13.11	3.97	17.16	208.99	-78.53	-47.12	304.84	76.77	145.42
2051	-12.20	3.97	17.16	245.12	-148.55	-76.52	417.34	10.24	114.56
2052	-11.30	3.97	17.16	205.33	-236.35	-104.60	527.83	-81.31	106.69
2053	-10.39	3.97	17.16	46.90	-354.55	-159.36	646.97	-222.83	108.82
2054	-9.49	3.97	17.16	-315.56	-519.49	-290.20	785.31	-477.96	118.13
2055	-8.59	3.97	17.16	-1057.39	-765.91	-633.21	956.43	-1012.72	138.78
2056	-7.68	3.96	17.16	-2535.28	-1155.18	-1589.81	1194.49	-2292.24	181.15
2057	-6.78	3.96	17.16	-5651.60	-2344.28	-7369.12	1500.08	-6097.22	487.25
2058	-5.87	3.96	17.16	-1602.02	-1878.09	-11738.60	89.59	-1605.30	-305.70
2059	-4.97	3.96	17.16	-1516.31	-1397.18	-9851.41	57.24	-731.96	-751.77
2060	-4.07	3.96	17.16	-1611.86	-1150.63	-9275.56	12.07	-575.94	-991.14
2061	-3.16	3.96	17.16	-1538.61	-1144.69	-8919.38	-45.73	-540.44	-1194.53
2062	-2.26	3.95	17.16	-1439.55	-1181.31	-8750.78	24.06	-423.00	-1334.19
2063	-1.36	3.95	17.16	-1505.87	-1089.27	-8891.23	111.63	-302.67	-1356.74
2064	-0.45	3.95	17.16	-1634.78	-978.81	-9155.25	31.72	-297.47	-1317.95
2065	-13.66	5.11	17.16	143.86	-1.84	19.97	170.50	150.86	228.22
2066	-12.78	5.11	17.16	246.13	-81.42	-55.25	276.54	89.70	134.04
2067	-11.90	5.10	17.16	287.60	-164.44	-90.19	371.34	13.08	108.11
2068	-11.01	5.10	17.16	246.13	-267.80	-123.83	468.51	-90.79	109.50
2069	-10.13	5.09	17.16	75.91	-407.01	-187.45	581.87	-250.82	128.70
2070	-9.25	5.09	17.16	-315.50	-603.64	-336.12	730.67	-537.90	173.28
2071	-8.37	5.09	17.16	-1119.94	-896.66	-720.38	950.75	-1136.30	279.35
2072	-7.49	5.08	17.16	-2764.32	-1410.30	-1778.55	1305.48	-2583.01	569.52
2073	-6.61	5.08	17.16	-8460.22	-2843.60	-8862.29	2000.07	-7477.71	1247.28
2074	-5.73	5.07	17.16	-1892.46	-2210.03	-14533.90	86.24	-1923.29	94.87
2075	-4.85	5.07	17.16	-1322.63	-1704.67	-9912.14	269.39	811.80	690.85
2076	-3.97	5.07	17.16	-1271.13	-1182.07	-6500.35	280.30	-721.82	1787.42
2077	-3.08	5.06	17.16	-1807.97	-1402.42	-8176.74	25.08	-1944.12	416.25
2078	-2.20	5.06	17.16	-1321.04	-1578.69	-9957.56	71.95	-434.48	-913.80
2079	-1.32	5.06	17.16	-1530.97	-1369.53	-8178.23	258.44	1442.01	297.92

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]
2080	-0.44	5.05	17.16	-1229.79	-1036.17	-6058.00	121.26	122.05	1953.77
2081	-13.22	6.21	17.16	167.10	3.08	20.39	161.66	173.85	210.31
2082	-12.37	6.21	17.16	273.94	-84.26	-63.29	243.39	101.59	120.72
2083	-11.51	6.20	17.16	316.72	-176.06	-104.89	318.92	15.94	100.77
2084	-10.66	6.20	17.16	273.66	-290.21	-144.43	401.63	-98.11	113.54
2085	-9.81	6.20	17.16	101.26	-445.80	-215.19	509.12	-270.58	153.99
2086	-8.96	6.19	17.16	-283.15	-670.13	-373.18	671.64	-569.42	241.82
2087	-8.10	6.19	17.16	-1034.94	-1023.91	-755.14	952.74	-1153.67	451.75
2088	-7.25	6.18	17.16	-2424.68	-1643.56	-1812.28	1527.50	-2428.15	1048.76
2089	-6.40	6.18	17.16	-4920.36	-3816.12	-6391.87	2718.01	-5427.57	3864.00
2090	-5.54	6.18	17.16	-4651.38	-4141.04	-13218.80	1485.67	-4811.88	3173.05
2091	-4.69	6.17	17.16	-1538.75	-2306.99	-12841.10	-282.22	458.06	-1791.33
2092	-3.84	6.17	17.16	-1091.91	-1365.90	-6805.23	96.17	715.36	-2109.99
2093	-2.99	6.16	17.16	-2091.03	-1469.94	-7850.49	-17.02	-3432.39	-496.90
2094	-2.13	6.16	17.16	-1302.57	-2054.36	-12052.40	79.30	-427.08	-923.33
2095	-1.28	6.16	17.16	-1668.15	-1435.50	-7931.09	248.33	3661.19	-749.29
2096	-0.43	6.15	17.16	-673.18	-398.20	-2618.93	78.89	695.73	-80.59
2097	-12.70	7.28	17.16	185.73	3.84	21.43	149.21	194.63	189.28
2098	-11.88	7.28	17.16	290.46	-87.25	-71.66	205.57	112.85	105.20
2099	-11.06	7.27	17.16	331.02	-182.27	-121.05	260.32	19.67	92.11
2100	-10.24	7.27	17.16	288.12	-301.57	-166.89	326.19	-101.19	117.07
2101	-9.42	7.27	17.16	125.95	-466.39	-242.44	421.40	-276.91	178.15
2102	-8.60	7.27	17.16	-215.59	-709.31	-398.30	574.56	-560.58	298.91
2103	-7.78	7.27	17.16	-824.88	-1086.55	-743.06	832.33	-1054.61	543.70
2104	-6.96	7.27	17.16	-1799.43	-1763.84	-1573.87	1211.07	-1909.34	1051.79
2105	-6.14	7.26	17.16	-3152.73	-2239.76	-2909.69	1344.76	-3116.61	1090.00
2106	-5.33	7.26	17.16	-7413.92	-3786.41	-11082.70	1997.43	-8614.14	1688.29
2107	-4.51	7.26	17.16	-2221.38	-2755.33	-17998.20	-243.42	-1852.31	-51.92
2108	-3.69	7.26	17.16	-1516.15	-1929.90	-11733.60	60.53	2033.79	-1160.29
2109	-2.87	7.26	17.16	-2221.50	-1812.30	-9746.35	-80.90	-3412.50	-593.57
2110	-2.05	7.25	17.16	-1517.49	-2360.60	-14083.90	40.82	-347.73	-983.06
2111	-1.23	7.25	17.16	-2043.42	-1712.21	-9497.71	300.97	4544.18	-941.76
2112	-0.41	7.25	17.16	-866.38	-464.92	-3212.26	81.78	1009.66	-369.17
2113	-14.43	3.97	15.47	25.30	47.49	0.33	122.78	98.96	436.91
2114	-13.50	3.97	15.47	-89.28	29.85	-167.27	141.41	-31.25	349.29
2115	-12.57	3.97	15.47	-241.30	0.59	-278.15	183.04	-194.00	292.02
2116	-11.64	3.97	15.47	-448.95	-35.64	-395.43	226.31	-419.93	259.99
2117	-10.71	3.97	15.47	-730.23	-80.20	-585.92	261.54	-749.45	241.93
2118	-9.78	3.97	15.47	-1090.54	-138.62	-957.90	278.64	-1245.20	228.18
2119	-8.84	3.96	15.47	-1474.36	-222.36	-1732.89	256.60	-1985.66	205.11
2120	-7.91	3.96	15.47	-1611.14	-368.32	-3452.71	142.86	-2945.09	134.59
2121	-6.98	3.96	15.47	-240.40	-334.06	-5377.84	-185.56	-2704.31	-206.48
2122	-6.05	3.96	15.47	-323.81	-587.09	-6826.79	-95.64	-2013.51	-597.23
2123	-5.12	3.96	15.47	-546.34	-560.63	-7247.00	-127.92	-805.67	-908.44
2124	-4.19	3.96	15.47	-774.53	-392.05	-6713.39	-136.61	-461.17	-1140.04
2125	-3.26	3.96	15.47	-831.50	-400.06	-6500.11	-137.19	-414.64	-1399.91
2126	-2.33	3.95	15.47	-815.08	-434.43	-6457.81	-21.09	-276.41	-1566.23
2127	-1.40	3.95	15.47	-893.18	-304.66	-6307.88	95.01	-128.35	-1477.10
2128	-0.47	3.95	15.47	-1007.75	-139.95	-6161.95	25.20	-174.36	-1310.16
2129	-14.09	5.11	15.47	34.87	58.21	-12.07	123.71	114.54	409.34
2130	-13.18	5.10	15.47	-95.79	41.76	-198.28	145.48	-34.74	337.84
2131	-12.27	5.10	15.47	-264.78	8.85	-325.43	193.66	-219.68	297.38
2132	-11.36	5.10	15.47	-492.85	-33.37	-461.26	250.74	-473.34	289.14
2133	-10.45	5.09	15.47	-799.47	-85.34	-678.58	310.38	-840.17	309.26
2134	-9.54	5.09	15.47	-1190.49	-151.36	-1095.40	367.15	-1387.70	360.35
2135	-8.64	5.08	15.47	-1611.00	-238.70	-1949.78	401.70	-2200.81	451.24
2136	-7.73	5.08	15.47	-1790.50	-359.18	-3843.76	336.73	-3275.19	561.29
2137	-6.82	5.08	15.47	-225.51	-161.52	-5871.30	-98.93	-2974.52	387.90
2138	-5.91	5.07	15.47	-271.18	-492.03	-7442.36	-94.69	-2375.64	44.86
2139	-5.00	5.07	15.47	-708.74	-944.85	-8346.79	-76.57	-1179.45	-535.08
2140	-4.09	5.07	15.47	-1176.72	-1030.46	-8057.92	-100.65	-610.96	-853.18
2141	-3.18	5.06	15.47	-843.36	-811.97	-7657.57	-196.01	-561.05	-868.01
2142	-2.27	5.06	15.47	-627.38	-736.81	-7539.57	42.54	-245.10	-889.16
2143	-1.36	5.06	15.47	-937.45	-692.68	-7251.82	318.03	98.98	-790.81
2144	-0.45	5.05	15.47	-1492.69	-624.16	-6793.56	159.86	56.53	-569.64
2145	-13.66	6.21	15.47	43.69	66.96	-26.51	124.97	123.63	377.05
2146	-12.78	6.21	15.47	-102.45	51.19	-231.42	151.32	-43.25	325.01
2147	-11.90	6.20	15.47	-284.92	13.25	-376.74	207.83	-246.80	305.01
2148	-11.02	6.20	15.47	-524.99	-38.33	-531.69	280.35	-520.94	324.76
2149	-10.14	6.19	15.47	-839.25	-105.64	-771.35	365.91	-909.23	388.44
2150	-9.26	6.19	15.47	-1227.25	-197.29	-1212.48	462.96	-1472.23	510.75
2151	-8.37	6.19	15.47	-1628.70	-327.94	-2079.24	556.36	-2274.59	720.64
2152	-7.49	6.18	15.47	-1803.45	-517.11	-3796.62	562.16	-3257.65	1051.57
2153	-6.61	6.18	15.47	-969.08	-350.20	-6109.17	8.63	-3531.77	877.41
2154	-5.73	6.18	15.47	-56.09	-348.91	-7924.19	-669.38	-2703.74	342.81
2155	-4.85	6.17	15.47	-526.32	-982.86	-8913.78	-408.12	-1704.20	-82.81
2156	-3.97	6.17	15.47	-1315.87	-1369.07	-9228.94	-82.65	-975.90	-634.07
2157	-3.09	6.16	15.47	-874.62	-1225.98	-8826.22	-21.30	-488.66	-937.67
2158	-2.20	6.16	15.47	-347.32	-979.76	-8280.08	46.49	-100.14	-884.49
2159	-1.32	6.16	15.47	-914.91	-1131.59	-7800.61	213.71	394.66	-699.61
2160	-0.44	6.15	15.47	-2042.07	-1334.97	-7023.33	127.06	352.49	-453.17
2161	-13.16	7.28	15.47	51.52	73.95	-42.98	125.39	123.51	340.56
2162	-12.31	7.27	15.47	-108.06	56.50	-267.37	158.33	-57.20	310.61
2163	-11.46	7.27	15.47	-299.71	13.10	-432.36	222.99	-274.37	313.76
2164	-10.61	7.27	15.47	-542.95	-50.30	-606.23	308.15	-560.11	362.62
2165	-9.76	7.27	15.47	-850.29	-137.18	-861.62	410.62	-952.50	466.25
2166	-8.91	7.27	15.47	-1217.21	-258.01	-1303.71	523.30	-1498.53	641.70
2167	-8.06	7.27	15.47	-1596.44	-427.51	-2108.95	611.91	-2237.95	909.63
2168	-7.21	7.26	15.47	-1861.12	-618.27	-3521.85	562.21	-3136.32	1217.39
2169	-6.37	7.26	15.47	-1916.84	-935.60	-6115.59	284.99	-4111.66	1493.23
2170	-5.52	7.26	15.47	-47.14	-562.98	-8362.57	-580.36	-3227.59	917.47
2171	-4.67	7.26	15.47	-239.64	-609.98	-9593.00	-469.67	-2458.10	-16.84
2172	-3.82	7.26	15.47	-1071.08	-1011.97	-10749.10	-348.90	-1576.23	-742.85
2173	-2.97	7.26	15.47	-925.91	-1202.69	-10669.70	-64.70	-411.29	-1089.91
2174	-2.12	7.25	15.47	-326.68	-1004.22	-9637.23	-49.35	80.94	-1027.27
2175	-1.27	7.25	15.47	-965.04	-1134.59	-8813.73	3.93	579.58	-1003.39
2176	-0.42	7.25	15.47	-2318.86	-1349.28	-7800.72	39.39	492.64	-979.60
2177	-14.85	3.97	13.78	-17.01	55.95	-222.22	99.83	-34.31	419.02
2178	-13.89	3.97	13.78	-160.57	66.00	-389.40	69.84	-220.62	396.54

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]
2179	-12.94	3.97	13.78	-322.29	68.74	-555.60	54.69	-421.50	361.06
2180	-11.98	3.97	13.78	-498.39	66.71	-753.76	44.31	-667.90	322.75
2181	-11.02	3.97	13.78	-672.76	61.55	-1040.44	27.12	-979.84	281.51
2182	-10.06	3.97	13.78	-804.55	52.79	-1493.42	-8.35	-1358.32	228.86
2183	-9.10	3.96	13.78	-810.38	39.13	-2200.44	-73.66	-1747.67	147.11
2184	-8.15	3.96	13.78	-571.12	40.39	-3069.00	-172.09	-1934.49	3.48
2185	-7.19	3.96	13.78	-486.95	-10.09	-4020.03	-235.42	-1971.64	-183.38
2186	-6.23	3.96	13.78	-159.20	-32.21	-4881.55	-352.51	-1741.93	-445.32
2187	-5.27	3.96	13.78	-62.67	-148.29	-5488.92	-366.61	-1306.99	-769.36
2188	-4.31	3.96	13.78	-178.29	-251.73	-5727.04	-316.38	-819.43	-1049.29
2189	-3.35	3.96	13.78	-304.28	-253.37	-5674.44	-226.21	-522.46	-1224.57
2190	-2.40	3.95	13.78	-401.57	-232.22	-5581.79	-140.75	-356.91	-1318.60
2191	-1.44	3.95	13.78	-491.49	-241.49	-5515.74	-76.18	-263.61	-1369.69
2192	-0.48	3.95	13.78	-559.29	-258.49	-5501.30	-33.96	-233.40	-1388.21
2193	-14.52	5.10	13.78	-15.43	62.17	-282.75	102.03	-42.81	390.11
2194	-13.58	5.10	13.78	-175.07	77.81	-462.84	83.42	-249.43	391.14
2195	-12.65	5.10	13.78	-352.57	84.07	-648.07	80.75	-473.46	379.59
2196	-11.71	5.09	13.78	-543.77	84.18	-871.97	85.83	-746.48	369.92
2197	-10.77	5.09	13.78	-732.01	80.95	-1193.89	87.09	-1089.33	366.45
2198	-9.84	5.09	13.78	-875.16	75.57	-1695.60	70.38	-1502.65	364.65
2199	-8.90	5.08	13.78	-888.00	69.28	-2468.53	15.56	-1928.64	345.57
2200	-7.96	5.08	13.78	-641.67	84.42	-3405.32	-95.51	-2140.79	259.14
2201	-7.03	5.08	13.78	-605.03	9.24	-4458.08	-179.00	-2238.42	112.11
2202	-6.09	5.07	13.78	-265.97	7.55	-5476.83	-329.03	-2066.46	-121.02
2203	-5.15	5.07	13.78	-61.01	1.71	-6267.20	-406.80	-1654.22	-425.56
2204	-4.22	5.07	13.78	-73.07	-94.23	-6700.50	-340.18	-1090.97	-753.52
2205	-3.28	5.06	13.78	-271.45	-188.14	-6745.64	-194.60	-638.10	-966.21
2206	-2.34	5.06	13.78	-419.36	-195.55	-6618.63	-130.53	-413.59	-1038.54
2207	-1.41	5.06	13.78	-517.35	-202.16	-6528.22	-102.54	-304.06	-1079.36
2208	-0.47	5.05	13.78	-579.77	-224.38	-6535.09	-41.43	-264.57	-1114.20
2209	-14.11	6.21	13.78	-14.68	68.57	-352.15	105.35	-60.38	357.45
2210	-13.20	6.20	13.78	-186.48	87.43	-543.66	100.21	-284.38	385.13
2211	-12.29	6.20	13.78	-374.23	94.68	-747.62	112.15	-526.85	401.61
2212	-11.38	6.20	13.78	-573.30	93.81	-995.55	134.24	-818.68	424.85
2213	-10.47	6.19	13.78	-766.87	87.93	-1345.68	154.99	-1179.51	463.36
2214	-9.56	6.19	13.78	-915.31	79.79	-1877.19	157.48	-1608.57	516.01
2215	-8.65	6.18	13.78	-944.61	75.45	-2671.00	113.05	-2051.85	563.82
2216	-7.74	6.18	13.78	-769.05	100.39	-3689.53	-21.54	-2346.95	524.42
2217	-6.83	6.18	13.78	-575.51	63.37	-4800.73	-136.81	-2423.78	413.94
2218	-5.92	6.17	13.78	-411.83	6.65	-5925.35	-171.03	-2335.22	249.78
2219	-5.01	6.17	13.78	-143.43	41.41	-6913.46	-352.09	-1981.75	-25.43
2220	-4.10	6.17	13.78	27.66	-1.54	-7539.91	-407.28	-1393.75	-364.58
2221	-3.19	6.16	13.78	-168.82	-124.76	-7724.40	-272.43	-797.26	-639.08
2222	-2.28	6.16	13.78	-437.28	-215.83	-7598.46	-145.23	-458.92	-768.99
2223	-1.37	6.16	13.78	-539.72	-220.92	-7457.82	-89.38	-349.84	-819.76
2224	-0.46	6.15	13.78	-565.88	-228.41	-7492.83	-31.55	-303.60	-854.64
2225	-13.61	7.28	13.78	-14.62	75.41	-432.30	109.66	-89.41	321.96
2226	-12.73	7.27	13.78	-193.24	93.48	-634.19	119.94	-325.96	378.79
2227	-11.86	7.27	13.78	-385.04	99.64	-855.60	147.13	-580.84	426.43
2228	-10.98	7.27	13.78	-584.71	95.20	-1124.43	185.49	-882.67	484.84
2229	-10.10	7.27	13.78	-776.70	83.75	-1494.34	223.56	-1248.63	564.83
2230	-9.22	7.27	13.78	-927.88	70.10	-2036.75	242.95	-1677.51	666.86
2231	-8.34	7.27	13.78	-983.39	64.66	-2825.74	215.10	-2130.39	770.35
2232	-7.47	7.26	13.78	-881.92	76.77	-3908.26	118.10	-2509.65	830.63
2233	-6.59	7.26	13.78	-512.14	184.25	-5053.97	-61.74	-2562.08	750.24
2234	-5.71	7.26	13.78	-523.35	134.08	-6228.46	-129.21	-2536.53	638.60
2235	-4.83	7.26	13.78	-242.64	108.79	-7373.37	-328.06	-2277.71	442.73
2236	-3.95	7.26	13.78	76.21	124.00	-8201.68	-373.65	-1723.01	106.72
2237	-3.07	7.26	13.78	-19.25	72.06	-8599.35	-336.50	-1061.32	-233.17
2238	-2.20	7.25	13.78	-377.27	-67.61	-8608.33	-205.11	-570.63	-478.80
2239	-1.32	7.25	13.78	-522.14	-132.17	-8479.34	-120.34	-408.80	-587.33
2240	-0.44	7.25	13.78	-537.47	-179.40	-8539.02	-41.18	-329.92	-637.61
2241	-15.28	3.97	12.09	-51.06	37.31	-549.70	72.68	-154.74	346.18
2242	-14.29	3.97	12.09	-170.77	53.29	-663.19	36.42	-347.31	358.41
2243	-13.30	3.97	12.09	-287.92	68.77	-818.75	1.98	-543.89	348.56
2244	-12.32	3.97	12.09	-396.96	83.36	-1024.70	-31.88	-756.43	321.12
2245	-11.33	3.97	12.09	-481.69	97.35	-1304.03	-69.18	-987.84	277.67
2246	-10.35	3.96	12.09	-517.74	110.80	-1682.45	-114.29	-1222.33	215.01
2247	-9.36	3.96	12.09	-484.68	123.87	-2160.66	-168.48	-1418.73	125.92
2248	-8.38	3.96	12.09	-416.99	126.36	-2731.63	-224.76	-1556.06	6.86
2249	-7.39	3.96	12.09	-256.99	127.43	-3341.53	-287.85	-1573.32	-151.36
2250	-6.41	3.96	12.09	-142.94	107.48	-3918.39	-321.16	-1464.78	-338.26
2251	-5.42	3.96	12.09	-36.45	92.60	-4391.18	-337.03	-1262.97	-534.99
2252	-4.43	3.96	12.09	11.52	62.93	-4725.78	-314.45	-997.25	-730.32
2253	-3.45	3.95	12.09	-23.12	19.74	-4906.64	-260.69	-726.25	-896.30
2254	-2.46	3.95	12.09	-85.59	-10.03	-4973.53	-192.79	-518.56	-1013.74
2255	-1.48	3.95	12.09	-133.68	-24.41	-5007.80	-123.03	-372.71	-1085.15
2256	-0.49	3.95	12.09	-150.99	-32.54	-5053.66	-52.90	-257.68	-1119.44
2257	-14.95	5.10	12.09	-56.08	39.62	-664.46	75.04	-181.18	323.89
2258	-13.99	5.10	12.09	-186.36	59.95	-782.97	51.28	-389.14	357.79
2259	-13.02	5.09	12.09	-312.95	80.39	-951.71	29.07	-603.95	371.43
2260	-12.06	5.09	12.09	-429.79	100.38	-1179.08	7.63	-836.40	370.64
2261	-11.09	5.09	12.09	-520.47	120.53	-1487.94	-17.64	-1088.81	358.19
2262	-10.13	5.08	12.09	-560.70	141.72	-1904.10	-53.03	-1344.90	331.06
2263	-9.16	5.08	12.09	-530.48	164.96	-2428.13	-102.46	-1563.46	279.97
2264	-8.20	5.08	12.09	-467.99	178.06	-3059.89	-159.08	-1728.46	199.36
2265	-7.23	5.07	12.09	-293.37	202.06	-3747.68	-228.80	-1768.83	76.21
2266	-6.27	5.07	12.09	-163.81	200.14	-4414.80	-275.10	-1671.35	-85.86
2267	-5.31	5.07	12.09	-45.32	184.38	-4983.55	-301.50	-1468.73	-268.80
2268	-4.34	5.06	12.09	22.62	171.61	-5413.54	-304.12	-1193.09	-455.55
2269	-3.38	5.06	12.09	24.45	149.77	-5684.32	-268.92	-890.70	-631.68
2270	-2.41	5.06	12.09	-33.58	118.00	-5815.85	-194.92	-624.63	-767.22
2271	-1.45	5.05	12.09	-88.21	99.10	-5876.44	-116.32	-429.19	-844.35
2272	-0.48	5.05	12.09	-105.06	91.72	-5928.92	-45.91	-271.00	-876.43
2273	-14.55	6.20	12.09	-62.04	43.27	-792.44	79.05	-216.20	300.16
2274	-13.61	6.20	12.09	-198.63	65.19	-914.68	69.48	-435.76	357.35
2275	-12.67	6.20	12.09	-329.85	87.84	-1094.78	61.27	-663.87	397.40
2276	-11.73	6.19	12.09	-449.58	110.51	-1340.22	53.76	-909.79	426.67
2277	-10.80	6.19	12.09	-542.13	133.94	-1672.22	41.92	-1175.01	448.80



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]
2278	-9.86	6.19	12.09	-585.19	159.98	-2115.05	18.03	-1444.02	460.95
2279	-8.92	6.18	12.09	-560.96	190.28	-2675.17	-24.11	-1680.85	451.48
2280	-7.98	6.18	12.09	-484.33	216.51	-3341.23	-74.10	-1853.78	417.90
2281	-7.04	6.18	12.09	-346.47	250.29	-4082.95	-139.18	-1927.47	347.65
2282	-6.10	6.17	12.09	-172.26	284.08	-4825.44	-225.99	-1853.36	221.24
2283	-5.16	6.17	12.09	-38.16	287.17	-5482.45	-255.09	-1652.79	56.83
2284	-4.22	6.17	12.09	34.35	287.36	-6002.97	-260.60	-1371.89	-113.26
2285	-3.29	6.16	12.09	68.25	281.84	-6367.04	-248.01	-1057.57	-280.15
2286	-2.35	6.16	12.09	38.16	261.60	-6583.37	-194.53	-745.01	-425.88
2287	-1.41	6.16	12.09	-23.13	234.54	-6691.74	-118.12	-489.21	-520.31
2288	-0.47	6.15	12.09	-41.50	223.02	-6754.32	-40.64	-281.38	-560.12
2289	-14.07	7.27	12.09	-68.59	48.37	-936.24	85.33	-261.15	276.39
2290	-13.16	7.27	12.09	-206.27	68.21	-1061.28	91.08	-487.15	357.76
2291	-12.25	7.27	12.09	-336.83	90.26	-1250.17	97.65	-722.62	426.00
2292	-11.35	7.27	12.09	-454.30	112.68	-1509.14	104.52	-974.87	487.30
2293	-10.44	7.27	12.09	-544.50	136.45	-1856.71	106.63	-1244.35	545.52
2294	-9.53	7.27	12.09	-588.00	164.28	-2315.29	96.01	-1517.32	598.44
2295	-8.62	7.26	12.09	-567.35	198.82	-2896.46	65.95	-1762.69	637.17
2296	-7.72	7.26	12.09	-476.91	243.19	-3574.73	15.22	-1933.71	647.09
2297	-6.81	7.26	12.09	-384.41	267.07	-4343.21	-37.06	-2034.84	631.25
2298	-5.90	7.26	12.09	-175.38	321.62	-5140.66	-121.30	-1992.88	560.11
2299	-4.99	7.26	12.09	-26.38	369.81	-5869.94	-165.70	-1798.83	441.65
2300	-4.08	7.26	12.09	51.71	395.24	-6466.99	-207.08	-1524.68	306.65
2301	-3.18	7.26	12.09	106.11	406.76	-6920.55	-206.79	-1210.50	158.14
2302	-2.27	7.25	12.09	118.35	414.54	-7230.23	-176.09	-875.50	20.87
2303	-1.36	7.25	12.09	68.75	404.05	-7413.11	-107.39	-561.28	-81.77
2304	-0.45	7.25	12.09	52.86	403.73	-7503.22	-29.84	-293.41	-126.13
2305	-15.70	3.97	10.41	-74.70	3.47	-867.33	50.04	-247.33	271.34
2306	-14.68	3.97	10.41	-165.73	16.69	-927.98	19.47	-414.71	296.31
2307	-13.67	3.97	10.41	-245.09	33.04	-1041.02	-14.35	-584.19	301.30
2308	-12.66	3.97	10.41	-309.18	51.57	-1206.84	-50.34	-755.03	287.00
2309	-11.65	3.96	10.41	-350.38	71.56	-1430.19	-88.43	-923.38	253.93
2310	-10.63	3.96	10.41	-360.33	92.29	-1715.12	-128.70	-1078.99	201.56
2311	-9.62	3.96	10.41	-336.32	111.88	-2062.37	-170.13	-1208.07	128.88
2312	-8.61	3.96	10.41	-270.27	130.33	-2458.43	-211.30	-1287.15	34.11
2313	-7.60	3.96	10.41	-189.08	142.83	-2879.71	-244.33	-1303.22	-80.65
2314	-6.58	3.96	10.41	-90.14	151.01	-3292.37	-268.10	-1248.46	-211.69
2315	-5.57	3.96	10.41	-9.33	148.97	-3662.00	-272.75	-1125.66	-351.45
2316	-4.56	3.96	10.41	46.71	142.68	-3961.24	-258.83	-959.38	-486.85
2317	-3.54	3.95	10.41	76.61	133.66	-4184.34	-225.31	-771.77	-607.98
2318	-2.53	3.95	10.41	81.58	121.56	-4337.34	-174.83	-582.73	-704.81
2319	-1.52	3.95	10.41	78.00	111.28	-4437.31	-113.66	-407.73	-769.44
2320	-0.51	3.95	10.41	81.33	106.06	-4507.28	-47.64	-245.29	-798.87
2321	-15.38	5.10	10.41	-83.77	2.62	-1022.36	51.80	-284.45	260.07
2322	-14.39	5.09	10.41	-180.79	18.15	-1084.14	32.18	-461.01	301.26
2323	-13.40	5.09	10.41	-265.16	38.25	-1204.51	8.93	-642.25	325.31
2324	-12.41	5.09	10.41	-332.80	61.66	-1384.34	-17.03	-826.29	332.99
2325	-11.41	5.09	10.41	-376.09	87.66	-1628.25	-46.02	-1008.47	324.70
2326	-10.42	5.08	10.41	-386.78	115.68	-1940.11	-78.77	-1178.10	299.62
2327	-9.43	5.08	10.41	-362.09	143.97	-2321.33	-114.97	-1321.37	256.16
2328	-8.44	5.08	10.41	-291.62	173.86	-2758.22	-154.26	-1412.98	191.24
2329	-7.44	5.07	10.41	-205.72	197.94	-3227.26	-189.90	-1439.65	104.92
2330	-6.45	5.07	10.41	-96.68	219.93	-3695.34	-220.03	-1392.75	-1.30
2331	-5.46	5.07	10.41	-0.90	235.35	-4126.80	-234.51	-1269.74	-122.53
2332	-4.47	5.06	10.41	70.71	241.46	-4487.67	-228.58	-1092.13	-246.54
2333	-3.48	5.06	10.41	112.70	241.75	-4766.31	-203.81	-884.88	-360.33
2334	-2.48	5.06	10.41	131.55	238.94	-4965.91	-162.52	-668.68	-454.91
2335	-1.49	5.05	10.41	136.36	233.67	-5098.92	-106.28	-457.15	-521.46
2336	-0.50	5.05	10.41	141.88	230.09	-5183.57	-41.55	-255.63	-552.19
2337	-14.99	6.20	10.41	-93.74	3.64	-1190.80	55.41	-328.12	249.90
2338	-14.03	6.20	10.41	-193.10	19.23	-1253.41	47.88	-510.29	307.67
2339	-13.06	6.19	10.41	-278.82	40.61	-1379.52	36.41	-698.75	352.23
2340	-12.09	6.19	10.41	-346.65	66.43	-1570.16	21.73	-890.78	384.02
2341	-11.12	6.19	10.41	-389.31	95.93	-1829.42	3.19	-1080.99	403.21
2342	-10.16	6.18	10.41	-399.03	128.74	-2160.97	-20.46	-1258.70	408.68
2343	-9.19	6.18	10.41	-371.76	163.86	-2564.62	-49.26	-1408.93	398.92
2344	-8.22	6.18	10.41	-304.07	201.72	-3030.47	-84.68	-1511.24	369.27
2345	-7.25	6.17	10.41	-206.84	238.25	-3533.99	-122.33	-1545.26	316.19
2346	-6.29	6.17	10.41	-97.97	270.62	-4043.01	-150.57	-1504.64	243.44
2347	-5.32	6.17	10.41	9.22	301.69	-4522.15	-175.48	-1387.45	153.97
2348	-4.35	6.16	10.41	97.03	324.01	-4937.49	-182.81	-1206.48	52.19
2349	-3.39	6.16	10.41	152.41	338.17	-5269.15	-168.44	-984.62	-47.40
2350	-2.42	6.16	10.41	184.61	346.60	-5514.97	-136.95	-747.01	-131.91
2351	-1.45	6.15	10.41	202.45	350.92	-5683.67	-89.85	-503.76	-192.89
2352	-0.48	6.15	10.41	211.77	351.39	-5786.51	-32.68	-263.58	-221.35
2353	-14.53	7.27	10.41	-104.16	6.47	-1374.56	61.72	-378.93	242.44
2354	-13.59	7.27	10.41	-201.62	19.58	-1438.17	66.63	-562.15	316.54
2355	-12.65	7.27	10.41	-284.71	39.58	-1568.16	67.50	-752.63	382.09
2356	-11.72	7.27	10.41	-349.14	64.95	-1765.65	64.65	-946.83	438.96
2357	-10.78	7.27	10.41	-388.15	94.99	-2034.10	57.21	-1138.68	486.89
2358	-9.84	7.27	10.41	-394.52	129.58	-2376.48	43.73	-1317.37	524.70
2359	-8.90	7.26	10.41	-364.01	168.69	-2790.41	23.02	-1467.50	549.92
2360	-7.97	7.26	10.41	-300.28	209.77	-3270.10	-4.20	-1574.78	560.12
2361	-7.03	7.26	10.41	-193.50	259.22	-3791.05	-40.32	-1612.94	548.29
2362	-6.09	7.26	10.41	-87.23	303.76	-4321.28	-71.23	-1575.99	515.83
2363	-5.15	7.26	10.41	26.75	344.79	-4829.09	-101.55	-1468.27	464.06
2364	-4.22	7.26	10.41	127.04	381.69	-5284.81	-114.77	-1289.66	396.07
2365	-3.28	7.26	10.41	196.82	411.99	-5659.70	-114.83	-1061.10	325.06
2366	-2.34	7.25	10.41	241.09	432.47	-5946.10	-96.58	-807.74	260.64
2367	-1.41	7.25	10.41	273.06	446.79	-6146.32	-64.75	-540.40	213.86
2368	-0.47	7.25	10.41	288.63	451.49	-6266.80	-21.43	-266.98	192.24
2369	-16.12	3.97	8.72	-91.51	-35.64	-1128.14	31.29	-315.30	211.08
2370	-15.08	3.97	8.72	-159.43	-28.37	-1150.04	9.67	-451.28	237.33
2371	-14.04	3.97	8.72	-215.06	-16.53	-1217.99	-16.42	-588.81	248.53
2372	-13.00	3.96	8.72	-255.56	-0.91	-1331.90	-45.56	-722.99	243.46
2373	-11.96	3.96	8.72	-277.29	17.56	-1492.08	-76.62	-848.44	221.79
2374	-10.92	3.96	8.72	-276.92	37.88	-1698.15	-108.44	-958.40	183.56
2375	-9.88	3.96	8.72	-251.80	59.17	-1946.14	-139.65	-1043.37	129.02
2376	-8.84	3.96	8.72	-205.72	79.72	-2227.73	-167.77	-1094.36	59.23

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]
2377	-7.80	3.96	8.72	-140.75	98.72	-2528.51	-190.72	-1102.60	-23.97
2378	-6.76	3.96	8.72	-69.73	114.14	-2830.28	-204.49	-1064.07	-116.91
2379	-5.72	3.96	8.72	0.84	126.11	-3113.65	-207.17	-981.40	-214.14
2380	-4.68	3.96	8.72	60.80	133.31	-3362.73	-196.37	-861.02	-309.28
2381	-3.64	3.95	8.72	106.09	136.65	-3567.05	-172.45	-715.15	-394.75
2382	-2.60	3.95	8.72	138.29	137.71	-3724.72	-136.97	-554.92	-463.94
2383	-1.56	3.95	8.72	160.68	137.45	-3838.89	-92.48	-387.71	-511.57
2384	-0.52	3.95	8.72	178.36	137.19	-3914.16	-42.62	-216.82	-533.78
2385	-15.81	5.10	8.72	-103.08	-38.69	-1306.46	32.05	-357.58	211.66
2386	-14.79	5.09	8.72	-173.86	-30.70	-1328.65	18.93	-498.05	249.11
2387	-13.77	5.09	8.72	-231.73	-16.80	-1400.74	1.35	-642.13	274.49
2388	-12.75	5.09	8.72	-273.50	1.95	-1523.29	-19.67	-784.17	286.45
2389	-11.73	5.08	8.72	-295.41	24.59	-1696.73	-43.32	-918.15	284.28
2390	-10.71	5.08	8.72	-294.03	50.17	-1920.69	-68.87	-1036.68	267.58
2391	-9.69	5.08	8.72	-266.48	77.93	-2191.02	-95.46	-1129.56	235.98
2392	-8.67	5.07	8.72	-216.86	105.89	-2499.38	-121.16	-1187.42	189.67
2393	-7.65	5.07	8.72	-146.06	133.65	-2831.31	-144.01	-1200.61	129.39
2394	-6.63	5.07	8.72	-67.69	158.60	-3167.75	-160.21	-1163.62	57.73
2395	-5.61	5.07	8.72	11.80	179.96	-3487.80	-167.50	-1078.56	-20.81
2396	-4.59	5.06	8.72	81.95	197.04	-3774.19	-163.42	-950.77	-100.93
2397	-3.57	5.06	8.72	137.90	209.34	-4013.54	-146.51	-791.09	-175.65
2398	-2.55	5.06	8.72	178.76	217.35	-4200.31	-117.73	-611.16	-237.46
2399	-1.53	5.05	8.72	207.78	222.23	-4334.98	-79.74	-419.87	-280.37
2400	-0.51	5.05	8.72	228.88	224.63	-4420.15	-36.00	-221.52	-300.22
2401	-15.44	6.20	8.72	-115.50	-39.76	-1495.92	34.62	-404.05	215.37
2402	-14.44	6.19	8.72	-186.32	-32.51	-1518.90	30.68	-546.13	263.76
2403	-13.44	6.19	8.72	-243.69	-18.42	-1594.47	22.27	-692.93	303.82
2404	-12.45	6.19	8.72	-284.32	1.38	-1723.46	10.17	-838.64	333.92
2405	-11.45	6.19	8.72	-304.47	25.98	-1906.34	-5.15	-976.71	352.92
2406	-10.46	6.18	8.72	-300.79	54.54	-2142.44	-23.35	-1099.22	360.02
2407	-9.46	6.18	8.72	-271.12	86.31	-2427.85	-44.17	-1196.21	354.20
2408	-8.47	6.18	8.72	-217.34	119.89	-2753.77	-66.11	-1257.19	334.98
2409	-7.47	6.17	8.72	-144.18	154.15	-3106.32	-87.05	-1273.43	302.72
2410	-6.47	6.17	8.72	-59.26	187.64	-3466.72	-105.68	-1238.38	257.89
2411	-5.48	6.17	8.72	26.70	217.62	-3813.98	-116.55	-1152.17	203.44
2412	-4.48	6.16	8.72	104.98	243.67	-4129.06	-118.47	-1019.94	144.97
2413	-3.49	6.16	8.72	170.41	264.65	-4397.11	-109.90	-851.01	87.99
2414	-2.49	6.16	8.72	219.93	280.08	-4609.18	-90.30	-655.70	39.11
2415	-1.49	6.15	8.72	255.25	290.16	-4762.14	-61.82	-444.48	4.86
2416	-0.50	6.15	8.72	280.19	295.48	-4856.28	-27.60	-222.71	-10.32
2417	-14.98	7.27	8.72	-128.34	-39.03	-1697.48	39.85	-454.86	223.63
2418	-14.02	7.27	8.72	-196.02	-33.95	-1722.24	44.96	-594.86	282.22
2419	-13.05	7.27	8.72	-249.96	-21.67	-1800.58	45.89	-740.24	336.81
2420	-12.08	7.27	8.72	-286.93	-3.10	-1933.49	42.97	-885.03	385.21
2421	-11.12	7.27	8.72	-303.28	20.90	-2121.38	36.29	-1022.28	425.84
2422	-10.15	7.26	8.72	-295.99	49.64	-2363.15	25.92	-1143.72	457.46
2423	-9.18	7.26	8.72	-263.76	82.43	-2655.12	11.89	-1240.02	479.03
2424	-8.22	7.26	8.72	-206.32	118.94	-2988.04	-5.56	-1300.06	488.99
2425	-7.25	7.26	8.72	-132.40	156.01	-3348.90	-23.67	-1316.35	487.08
2426	-6.28	7.26	8.72	-43.54	194.09	-3720.29	-42.10	-1282.54	473.07
2427	-5.32	7.26	8.72	46.42	230.82	-4081.84	-56.00	-1195.83	448.53
2428	-4.35	7.26	8.72	130.58	264.00	-4413.20	-64.67	-1062.01	417.25
2429	-3.38	7.25	8.72	203.11	291.82	-4699.46	-64.29	-888.09	383.43
2430	-2.42	7.25	8.72	260.34	313.78	-4928.73	-55.50	-683.20	353.26
2431	-1.45	7.25	8.72	301.11	328.51	-5094.95	-38.91	-457.90	332.00
2432	-0.48	7.25	8.72	329.40	336.61	-5195.27	-17.63	-218.96	324.15
2433	-16.54	3.97	7.03	-104.12	-76.87	-1328.84	15.96	-365.91	167.13
2434	-15.47	3.97	7.03	-156.39	-75.72	-1323.58	3.24	-476.14	190.75
2435	-14.41	3.97	7.03	-198.86	-69.89	-1352.35	-13.42	-585.97	203.02
2436	-13.34	3.96	7.03	-228.14	-59.65	-1417.36	-33.15	-689.91	202.33
2437	-12.27	3.96	7.03	-241.55	-45.73	-1519.62	-55.01	-783.06	188.09
2438	-11.20	3.96	7.03	-237.22	-28.93	-1658.19	-77.85	-860.39	160.44
2439	-10.14	3.96	7.03	-215.10	-10.27	-1829.70	-100.16	-916.70	120.16
2440	-9.07	3.96	7.03	-176.24	9.24	-2027.72	-120.29	-946.56	68.60
2441	-8.00	3.96	7.03	-125.03	28.36	-2242.88	-136.12	-945.67	7.88
2442	-6.94	3.96	7.03	-65.92	46.17	-2463.54	-145.88	-911.69	-59.00
2443	-5.87	3.96	7.03	-5.55	61.61	-2677.37	-147.75	-844.94	-128.27
2444	-4.80	3.96	7.03	51.16	74.33	-2873.05	-140.88	-749.01	-195.39
2445	-3.73	3.95	7.03	100.35	84.08	-3042.02	-125.02	-629.04	-255.64
2446	-2.67	3.95	7.03	140.25	91.02	-3178.73	-101.09	-491.25	-304.40
2447	-1.60	3.95	7.03	171.10	95.65	-3280.64	-70.93	-341.06	-337.78
2448	-0.53	3.95	7.03	193.54	98.38	-3346.71	-37.05	-182.24	-353.02
2449	-16.25	5.09	7.03	-117.25	-81.54	-1517.16	15.31	-409.87	178.27
2450	-15.20	5.09	7.03	-170.35	-80.72	-1512.89	8.64	-521.63	209.79
2451	-14.15	5.09	7.03	-213.38	-74.34	-1544.69	-1.51	-634.68	232.60
2452	-13.10	5.08	7.03	-242.71	-62.84	-1615.19	-14.77	-742.90	244.92
2453	-12.05	5.08	7.03	-255.51	-46.85	-1725.68	-30.55	-840.88	245.76
2454	-11.01	5.08	7.03	-249.78	-27.12	-1875.31	-48.07	-923.03	234.83
2455	-9.96	5.08	7.03	-225.37	-4.71	-2060.79	-66.22	-983.62	212.42
2456	-8.91	5.07	7.03	-183.15	19.46	-2275.51	-83.65	-1016.66	179.30
2457	-7.86	5.07	7.03	-127.62	43.93	-2509.85	-98.55	-1017.30	136.97
2458	-6.81	5.07	7.03	-63.05	67.64	-2751.67	-109.22	-982.73	87.62
2459	-5.76	5.06	7.03	3.64	89.33	-2987.90	-113.76	-912.52	34.26
2460	-4.72	5.06	7.03	67.19	108.10	-3205.84	-110.96	-809.73	-19.09
2461	-3.67	5.06	7.03	123.05	123.39	-3395.38	-100.40	-679.37	-68.10
2462	-2.62	5.06	7.03	168.89	134.98	-3549.26	-82.49	-527.63	-108.45
2463	-1.57	5.05	7.03	203.94	142.88	-3663.14	-58.70	-360.51	-136.20
2464	-0.52	5.05	7.03	228.32	147.30	-3734.61	-31.33	-182.96	-148.42
2465	-15.88	6.19	7.03	-131.28	-84.31	-1713.53	16.31	-455.85	193.83
2466	-14.86	6.19	7.03	-183.05	-84.54	-1711.26	15.98	-566.88	232.74
2467	-13.83	6.19	7.03	-224.57	-78.85	-1746.34	12.56	-680.12	266.18
2468	-12.81	6.19	7.03	-252.17	-67.61	-1821.37	6.16	-789.39	292.05
2469	-11.78	6.18	7.03	-263.00	-51.32	-1937.71	-3.04	-888.90	308.96
2470	-10.76	6.18	7.03	-255.10	-30.66	-2094.67	-14.65	-972.68	316.16
2471	-9.73	6.18	7.03	-228.11	-6.50	-2288.87	-27.92	-1034.55	313.49
2472	-8.71	6.17	7.03	-183.37	20.14	-2513.88	-41.89	-1068.49	301.22
2473	-7.68	6.17	7.03	-124.30	48.00	-2760.06	-55.24	-1069.21	280.03
2474	-6.66	6.17	7.03	-56.15	75.67	-3015.28	-66.04	-1033.57	251.49
2475	-5.63	6.17	7.03	15.21	102.04	-3266.12	-73.03	-960.79	217.87

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]
2476	-4.61	6.16	7.03	83.91	125.67	-3499.36	-74.58	-853.11	182.08
2477	-3.59	6.16	7.03	145.06	145.64	-3703.61	-69.91	-715.14	147.90
2478	-2.56	6.16	7.03	195.76	161.25	-3870.18	-59.22	-552.98	119.22
2479	-1.54	6.15	7.03	234.44	172.13	-3993.13	-43.51	-372.77	99.56
2480	-0.51	6.15	7.03	260.35	178.10	-4068.58	-24.77	-180.45	91.69
2481	-15.44	7.27	7.03	-145.81	-85.41	-1918.18	19.70	-503.89	214.87
2482	-14.45	7.27	7.03	-193.87	-87.27	-1919.35	25.33	-611.12	260.25
2483	-13.45	7.27	7.03	-231.73	-83.53	-1958.04	28.53	-721.37	304.01
2484	-12.45	7.27	7.03	-255.83	-74.11	-2036.51	28.92	-828.27	343.31
2485	-11.46	7.26	7.03	-263.33	-59.47	-2156.13	26.31	-925.75	376.32
2486	-10.46	7.26	7.03	-252.41	-40.10	-2316.27	20.81	-1007.56	401.97
2487	-9.46	7.26	7.03	-222.67	-16.57	-2513.47	12.68	-1067.39	419.70
2488	-8.47	7.26	7.03	-175.93	9.92	-2741.57	2.65	-1099.48	429.38
2489	-7.47	7.26	7.03	-114.51	38.64	-2991.24	-8.51	-1098.47	431.03
2490	-6.48	7.26	7.03	-44.42	67.93	-3250.71	-19.10	-1060.91	425.38
2491	-5.48	7.26	7.03	29.58	96.40	-3506.78	-28.05	-986.13	413.86
2492	-4.48	7.26	7.03	101.29	122.63	-3746.46	-33.62	-875.40	398.49
2493	-3.49	7.25	7.03	165.88	145.39	-3957.57	-35.28	-732.92	382.14
2494	-2.49	7.25	7.03	219.79	163.49	-4130.54	-32.57	-564.39	367.73
2495	-1.49	7.25	7.03	261.03	176.33	-4258.08	-26.25	-375.94	358.30
2496	-0.50	7.25	7.03	287.82	183.27	-4335.22	-17.76	-174.16	356.02
2497	-16.96	3.97	5.34	-115.43	-121.37	-1484.84	4.73	-406.87	137.80
2498	-15.87	3.97	5.34	-160.07	-125.35	-1456.96	0.15	-501.24	158.10
2499	-14.77	3.96	5.34	-197.15	-124.94	-1449.60	-6.89	-589.73	168.67
2500	-13.68	3.96	5.34	-222.48	-119.80	-1469.48	-16.95	-668.43	167.98
2501	-12.59	3.96	5.34	-233.05	-110.34	-1520.17	-29.82	-734.38	155.99
2502	-11.49	3.96	5.34	-227.80	-97.31	-1602.16	-44.63	-785.15	133.36
2503	-10.40	3.96	5.34	-207.12	-81.67	-1712.93	-60.06	-818.10	101.20
2504	-9.30	3.96	5.34	-173.03	-64.47	-1847.42	-74.57	-830.51	60.99
2505	-8.21	3.96	5.34	-128.39	-46.73	-1998.54	-86.58	-819.96	14.66
2506	-7.11	3.96	5.34	-77.21	-29.47	-2157.84	-94.57	-784.93	-35.46
2507	-6.02	3.96	5.34	-23.53	-13.50	-2316.35	-97.40	-725.42	-86.53
2508	-4.92	3.95	5.34	28.60	0.49	-2465.50	-94.36	-642.89	-135.45
2509	-3.83	3.95	5.34	75.97	12.08	-2597.88	-85.38	-540.24	-178.94
2510	-2.74	3.95	5.34	116.34	21.06	-2707.74	-71.02	-421.12	-213.92
2511	-1.64	3.95	5.34	148.31	27.39	-2790.92	-52.53	-289.41	-237.74
2512	-0.55	3.95	5.34	171.06	31.12	-2844.55	-31.64	-148.86	-248.51
2513	-16.68	5.09	5.34	-129.23	-127.60	-1674.58	2.10	-450.27	157.42
2514	-15.60	5.09	5.34	-173.71	-132.83	-1649.36	1.67	-545.11	184.33
2515	-14.53	5.08	5.34	-210.51	-133.24	-1644.69	-0.37	-635.17	203.34
2516	-13.45	5.08	5.34	-235.41	-128.55	-1668.04	-5.15	-716.13	212.83
2517	-12.37	5.08	5.34	-245.29	-118.92	-1723.35	-12.87	-784.62	212.45
2518	-11.30	5.08	5.34	-238.90	-105.02	-1811.47	-23.04	-837.76	202.55
2519	-10.22	5.07	5.34	-216.47	-87.75	-1930.09	-34.72	-872.49	183.93
2520	-9.15	5.07	5.34	-179.93	-68.23	-2074.19	-46.62	-885.75	157.75
2521	-8.07	5.07	5.34	-132.11	-47.56	-2236.51	-57.35	-874.76	125.49
2522	-6.99	5.07	5.34	-77.10	-26.92	-2408.25	-65.51	-837.69	89.03
2523	-5.92	5.06	5.34	-19.10	-7.32	-2579.86	-69.94	-774.24	50.68
2524	-4.84	5.06	5.34	37.56	10.30	-2741.99	-69.83	-685.63	13.07
2525	-3.77	5.06	5.34	89.29	25.25	-2886.29	-64.87	-574.66	-20.93
2526	-2.69	5.06	5.34	133.35	37.03	-3005.95	-55.42	-445.11	-48.50
2527	-1.61	5.05	5.34	167.91	45.38	-3095.87	-42.42	-301.27	-67.20
2528	-0.54	5.05	5.34	191.76	50.15	-3152.44	-27.41	-147.56	-75.25
2529	-16.32	6.19	5.34	-143.89	-131.86	-1869.15	0.78	-493.72	181.97
2530	-15.27	6.19	5.34	-186.53	-138.59	-1848.26	4.51	-587.26	215.09
2531	-14.22	6.19	5.34	-221.45	-140.63	-1847.41	7.36	-676.62	242.60
2532	-13.16	6.18	5.34	-244.59	-137.47	-1874.32	7.96	-757.54	262.69
2533	-12.11	6.18	5.34	-252.82	-129.06	-1933.19	5.61	-826.29	274.61
2534	-11.06	6.18	5.34	-244.78	-115.91	-2025.14	0.40	-879.61	278.42
2535	-10.00	6.18	5.34	-220.63	-98.81	-2148.15	-7.11	-914.17	274.59
2536	-8.95	6.17	5.34	-182.08	-78.79	-2297.37	-15.96	-926.68	263.95
2537	-7.90	6.17	5.34	-132.09	-57.04	-2465.65	-24.98	-914.26	247.54
2538	-6.85	6.17	5.34	-74.47	-34.73	-2644.15	-33.01	-874.88	226.73
2539	-5.79	6.16	5.34	-13.62	-13.09	-2823.13	-38.88	-807.99	203.21
2540	-4.74	6.16	5.34	46.11	6.80	-2992.85	-41.77	-714.64	179.11
2541	-3.69	6.16	5.34	100.87	23.98	-3144.37	-41.24	-597.41	156.70
2542	-2.63	6.16	5.34	147.54	37.73	-3270.13	-37.38	-460.09	138.32
2543	-1.58	6.15	5.34	183.89	47.52	-3364.23	-30.86	-307.23	126.06
2544	-0.53	6.15	5.34	208.39	53.04	-3422.47	-22.86	-143.72	121.47
2545	-15.90	7.27	5.34	-159.01	-134.39	-2068.22	1.38	-537.19	212.11
2546	-14.87	7.27	5.34	-198.05	-142.70	-2053.83	8.75	-626.89	250.61
2547	-13.85	7.27	5.34	-229.50	-147.09	-2058.03	16.26	-713.18	286.51
2548	-12.82	7.26	5.34	-249.63	-146.45	-2088.63	21.95	-791.66	317.17
2549	-11.80	7.26	5.34	-255.27	-140.64	-2149.99	24.76	-858.26	341.46
2550	-10.77	7.26	5.34	-245.07	-129.92	-2243.45	24.46	-909.37	359.16
2551	-9.74	7.26	5.34	-219.23	-114.89	-2367.25	21.21	-941.59	370.55
2552	-8.72	7.26	5.34	-179.22	-96.46	-2516.84	15.58	-951.62	376.07
2553	-7.69	7.26	5.34	-128.05	-75.80	-2685.39	8.53	-936.58	376.34
2554	-6.67	7.26	5.34	-69.22	-54.02	-2864.36	0.94	-894.49	372.21
2555	-5.64	7.26	5.34	-7.14	-32.37	-3044.23	-6.17	-824.62	364.80
2556	-4.62	7.26	5.34	53.99	-12.08	-3215.26	-12.02	-727.89	355.55
2557	-3.59	7.25	5.34	110.15	5.72	-3368.37	-16.00	-606.67	346.10
2558	-2.56	7.25	5.34	158.08	20.14	-3495.61	-18.07	-464.62	338.20
2559	-1.54	7.25	5.34	195.18	30.44	-3590.68	-18.55	-306.36	333.40
2560	-0.51	7.25	5.34	219.74	36.20	-3648.97	-18.27	-137.07	332.87
2561	12.23	8.10	17.16	190.72	-21.39	30.99	-118.81	-219.72	162.63
2562	11.83	8.70	17.16	190.50	-23.51	32.15	-104.42	-229.75	143.25
2563	11.44	8.10	17.16	292.77	-106.60	-83.13	-151.46	-130.13	84.09
2564	11.07	8.70	17.16	283.22	-104.58	-88.41	-121.06	-135.08	69.55
2565	10.65	8.10	17.16	328.15	-200.15	-146.58	-186.39	-26.88	79.30
2566	10.30	8.70	17.16	311.88	-194.26	-159.19	-142.89	-29.57	69.72
2567	9.86	8.10	17.16	278.06	-321.95	-203.32	-236.76	105.72	118.92
2568	9.54	8.70	17.16	259.68	-312.19	-219.29	-181.18	107.06	115.56
2569	9.07	8.10	17.16	111.50	-495.51	-289.62	-319.81	291.75	201.50
2570	8.78	8.70	17.16	97.75	-480.04	-308.35	-250.26	288.62	199.30
2571	8.28	8.10	17.16	-218.79	-752.77	-455.70	-460.94	572.86	346.39
2572	8.01	8.70	17.16	-217.36	-728.75	-470.95	-368.39	557.66	337.56
2573	7.49	8.10	17.16	-788.01	-1153.55	-797.14	-681.38	1021.55	588.53
2574	7.25	8.70	17.16	-781.18	-1074.27	-787.11	-560.64	1007.57	535.34

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]
2575	6.70	8.10	17.16	-1776.27	-1604.51	-1459.58	-956.36	1822.31	808.83
2576	6.49	8.70	17.16	-1842.54	-1623.05	-1504.56	-950.25	1936.32	938.82
2577	5.92	8.10	17.16	-4019.39	-2432.40	-3389.82	-1630.21	4050.84	1559.13
2578	5.72	8.70	17.16	-3763.43	-2574.21	-3530.91	-1849.97	4057.54	1893.90
2579	5.13	8.10	17.16	-8845.33	-4701.62	-14453.80	-3006.61	11285.60	3417.57
2580	4.96	8.70	17.16	-6948.77	-6373.76	-11565.30	-3999.35	8672.30	7360.88
2581	4.34	8.10	17.16	-2928.62	-3212.20	-23005.90	349.20	2127.33	695.64
2582	4.20	8.70	17.16	-5775.03	-6113.25	-20683.80	-1879.52	5304.00	5916.69
2583	3.55	8.10	17.16	-2405.84	-2806.96	-16944.30	371.71	-779.03	-2361.26
2584	3.43	8.70	17.16	-2798.44	-2895.66	-20689.30	383.01	1110.51	45.13
2585	2.76	8.10	17.16	-2417.68	-2574.55	-14467.90	99.02	1694.64	-2377.41
2586	2.67	8.70	17.16	-2534.63	-2526.40	-18122.00	96.74	362.52	-570.46
2587	1.97	8.10	17.16	-1894.37	-2616.43	-16263.30	-7.49	-269.98	-965.71
2588	1.91	8.70	17.16	-2180.71	-2670.20	-17535.80	155.53	-281.80	-818.28
2589	1.18	8.10	17.16	-2688.35	-2045.79	-11118.40	-339.02	-5472.37	-1077.75
2590	1.14	8.70	17.16	-2848.28	-2227.28	-12084.40	-245.94	-5491.42	-1213.09
2591	0.39	8.10	17.16	-1146.06	-694.15	-3988.07	-102.66	-1461.63	-555.31
2592	0.38	8.70	17.16	-1214.20	-1056.65	-4750.45	-26.60	-1268.16	-1040.75
2593	12.70	8.10	15.47	57.42	84.32	-53.85	-134.12	-116.21	309.61
2594	12.31	8.70	15.47	59.46	87.25	-70.49	-133.68	-102.61	278.40
2595	11.88	8.10	15.47	-123.26	63.46	-322.22	-179.63	85.89	307.13
2596	11.52	8.70	15.47	-125.98	65.98	-349.67	-183.22	103.98	294.84
2597	11.06	8.10	15.47	-335.43	8.15	-523.52	-259.89	326.58	340.32
2598	10.73	8.70	15.47	-338.55	6.37	-564.36	-267.22	346.90	345.16
2599	10.24	8.10	15.47	-595.98	-75.11	-731.31	-365.71	637.86	426.60
2600	9.93	8.70	15.47	-597.23	-82.85	-782.42	-376.75	659.32	448.28
2601	9.42	8.10	15.47	-915.01	-189.77	-1022.48	-491.56	1054.81	579.04
2602	9.14	8.70	15.47	-909.87	-202.05	-1079.43	-503.77	1067.22	614.09
2603	8.60	8.10	15.47	-1290.38	-344.38	-1500.46	-623.88	1617.67	815.07
2604	8.34	8.70	15.47	-1282.57	-353.11	-1548.87	-638.75	1613.96	861.10
2605	7.78	8.10	15.47	-1703.47	-533.70	-2320.55	-723.56	2372.01	1139.92
2606	7.55	8.70	15.47	-1710.29	-535.28	-2346.43	-763.58	2359.90	1204.44
2607	6.96	8.10	15.47	-2112.08	-763.67	-3785.34	-740.36	3379.53	1547.56
2608	6.75	8.70	15.47	-2104.41	-701.44	-3775.09	-829.53	3363.61	1645.83
2609	6.14	8.10	15.47	-2131.13	-823.98	-6514.95	-495.33	4532.82	1856.59
2610	5.96	8.70	15.47	-2119.64	-807.34	-6360.64	-734.71	4475.76	2210.57
2611	5.32	8.10	15.47	78.33	-110.61	-8992.15	381.22	3690.32	1551.75
2612	5.16	8.70	15.47	-724.20	-39.47	-9306.72	231.61	4343.59	1603.69
2613	4.51	8.10	15.47	-159.05	-318.92	-11094.90	524.63	3270.24	1016.80
2614	4.37	8.70	15.47	79.11	209.65	-11742.70	1027.75	3527.56	950.58
2615	3.69	8.10	15.47	-763.26	-717.22	-12987.30	578.45	1633.55	157.49
2616	3.58	8.70	15.47	-492.07	-469.48	-13554.10	603.09	2067.99	450.32
2617	2.87	8.10	15.47	-799.29	-925.11	-12867.20	185.17	304.87	-544.68
2618	2.78	8.70	15.47	-691.27	-596.23	-13903.10	393.24	723.45	-322.09
2619	2.05	8.10	15.47	-441.60	-938.47	-11674.50	186.50	-602.65	-984.03
2620	1.99	8.70	15.47	-597.15	-731.99	-12980.90	380.37	-514.40	-727.43
2621	1.23	8.10	15.47	-1041.02	-1124.01	-10463.20	221.84	-990.81	-1131.61
2622	1.19	8.70	15.47	-1180.69	-1035.83	-11918.00	460.94	-704.76	-1229.76
2623	0.41	8.10	15.47	-2486.79	-1440.81	-9308.38	68.88	-1006.09	-1328.62
2624	0.40	8.70	15.47	-2552.58	-1479.29	-11121.50	168.54	-889.90	-1707.83
2625	13.17	8.10	13.78	-6.36	109.84	-550.79	-142.85	138.48	312.09
2626	12.80	8.70	13.78	-5.28	114.15	-618.08	-149.01	171.14	284.51
2627	12.32	8.10	13.78	-197.94	120.41	-782.63	-174.95	404.34	406.93
2628	11.97	8.70	13.78	-194.45	121.59	-852.47	-189.80	438.38	401.54
2629	11.47	8.10	13.78	-400.01	115.38	-1039.62	-223.75	685.92	494.79
2630	11.15	8.70	13.78	-391.10	112.65	-1116.85	-246.73	719.68	511.19
2631	10.62	8.10	13.78	-605.67	96.32	-1349.73	-284.75	1011.93	597.85
2632	10.32	8.70	13.78	-590.69	89.82	-1434.12	-315.33	1043.93	636.43
2633	9.77	8.10	13.78	-797.99	67.77	-1767.32	-345.27	1397.99	729.82
2634	9.49	8.70	13.78	-775.53	57.98	-1856.25	-382.80	1420.37	788.98
2635	8.92	8.10	13.78	-945.97	36.97	-2363.94	-385.41	1842.24	893.20
2636	8.67	8.70	13.78	-918.95	24.50	-2448.22	-432.58	1850.75	977.48
2637	8.07	8.10	13.78	-999.94	13.93	-3221.66	-377.73	2313.30	1075.16
2638	7.84	8.70	13.78	-973.69	5.23	-3285.41	-435.79	2307.16	1189.77
2639	7.22	8.10	13.78	-872.15	29.43	-4391.77	-281.79	2703.80	1227.78
2640	7.02	8.70	13.78	-867.17	19.58	-4412.09	-358.66	2690.54	1383.53
2641	6.37	8.10	13.78	-491.58	89.94	-5655.43	-91.18	2751.23	1262.75
2642	6.19	8.70	13.78	-555.34	125.75	-5676.47	-154.57	2809.07	1420.88
2643	5.52	8.10	13.78	-539.40	25.43	-6995.78	36.93	2748.07	1167.56
2644	5.37	8.70	13.78	-404.10	128.51	-6986.44	-54.71	2759.82	1463.01
2645	4.67	8.10	13.78	-111.70	177.05	-8247.52	234.61	2411.26	939.59
2646	4.54	8.70	13.78	-173.58	221.27	-8276.09	-26.03	2506.85	1405.01
2647	3.82	8.10	13.78	243.46	300.38	-9207.14	341.80	1848.96	655.52
2648	3.72	8.70	13.78	184.63	458.92	-9347.44	280.56	1992.01	1170.43
2649	2.97	8.10	13.78	168.65	272.90	-9765.94	424.63	1023.90	294.61
2650	2.89	8.70	13.78	195.40	462.64	-10045.00	380.58	1233.32	804.94
2651	2.12	8.10	13.78	-194.88	180.64	-9805.10	308.74	409.91	-27.84
2652	2.06	8.70	13.78	-102.79	438.04	-10290.70	319.66	621.11	411.77
2653	1.27	8.10	13.78	-415.43	119.30	-9637.11	190.82	98.10	-260.51
2654	1.24	8.70	13.78	-322.93	444.75	-10252.40	192.03	194.39	197.10
2655	0.42	8.10	13.78	-433.85	101.87	-9563.49	84.50	-56.29	-373.04
2656	0.41	8.70	13.78	-316.25	502.96	-10190.40	90.99	-10.96	117.18
2657	13.64	8.10	12.09	-60.43	97.64	-1184.05	-136.64	333.85	299.07
2658	13.28	8.70	12.09	-60.67	101.24	-1292.00	-144.85	372.79	281.39
2659	12.76	8.10	12.09	-202.06	108.76	-1316.77	-163.48	585.43	410.66
2660	12.42	8.70	12.09	-198.05	107.37	-1423.81	-179.97	621.15	409.75
2661	11.88	8.10	12.09	-334.35	120.13	-1523.14	-189.59	842.40	513.61
2662	11.57	8.70	12.09	-323.41	114.72	-1631.12	-213.59	874.21	530.80
2663	11.00	8.10	12.09	-447.53	132.08	-1808.81	-213.61	1110.09	613.09
2664	10.71	8.70	12.09	-429.75	123.57	-1917.61	-244.67	1138.36	650.46
2665	10.12	8.10	12.09	-528.00	145.57	-2191.86	-230.42	1388.36	713.75
2666	9.85	8.70	12.09	-503.37	134.37	-2300.82	-268.10	1408.40	771.21
2667	9.24	8.10	12.09	-556.70	164.43	-2693.76	-231.55	1662.37	814.50
2668	9.00	8.70	12.09	-527.41	151.73	-2797.81	-276.51	1671.89	895.32
2669	8.36	8.10	12.09	-515.55	194.98	-3323.31	-207.28	1899.45	905.40
2670	8.14	8.70	12.09	-486.68	181.44	-3415.45	-259.96	1900.33	1013.17
2671	7.48	8.10	12.09	-405.61	237.92	-4053.22	-157.07	2053.57	968.79
2672	7.28	8.70	12.09	-382.62	226.19	-4133.85	-216.01	2053.30	1106.37
2673	6.60	8.10	12.09	-289.63	285.59	-4872.53	-93.37	2131.46	998.36

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]
2674	6.43	8.70	12.09	-256.01	270.54	-4932.62	-167.31	2121.03	1184.61
2675	5.72	8.10	12.09	-41.82	370.35	-5710.21	-2.64	2045.74	987.66
2676	5.57	8.70	12.09	-61.91	351.79	-5758.33	-80.00	2058.06	1204.74
2677	4.84	8.10	12.09	96.23	409.91	-6481.68	72.13	1812.74	925.58
2678	4.71	8.70	12.09	114.42	427.92	-6526.64	39.50	1847.31	1157.82
2679	3.96	8.10	12.09	191.05	453.64	-7109.53	139.05	1486.42	807.00
2680	3.86	8.70	12.09	215.25	471.88	-7176.35	69.64	1538.19	1076.94
2681	3.08	8.10	12.09	261.55	506.65	-7579.92	157.42	1122.29	665.91
2682	3.00	8.70	12.09	287.75	552.27	-7677.29	109.84	1179.85	989.30
2683	2.20	8.10	12.09	272.35	538.17	-7893.09	159.83	713.58	523.65
2684	2.14	8.70	12.09	318.15	604.16	-8022.99	122.02	776.00	891.28
2685	1.32	8.10	12.09	216.45	551.85	-8032.40	112.89	324.08	411.94
2686	1.29	8.70	12.09	284.45	625.34	-8205.51	95.80	379.36	787.09
2687	0.44	8.10	12.09	161.46	558.77	-8035.30	46.76	-14.18	349.71
2688	0.43	8.70	12.09	228.16	623.32	-8241.34	42.94	10.07	719.82
2689	14.11	8.10	10.41	-91.07	73.86	-1736.56	-126.88	465.39	301.16
2690	13.76	8.70	10.41	-94.17	75.13	-1861.18	-135.20	503.84	292.95
2691	13.20	8.10	10.41	-196.86	74.72	-1788.19	-152.78	669.97	392.65
2692	12.88	8.70	10.41	-192.77	72.33	-1912.77	-165.38	701.45	394.74
2693	12.29	8.10	10.41	-276.53	84.74	-1913.08	-168.08	872.01	479.26
2694	11.99	8.70	10.41	-267.05	77.94	-2038.11	-186.87	897.69	494.92
2695	11.38	8.10	10.41	-334.50	99.27	-2115.80	-177.46	1071.96	562.30
2696	11.10	8.70	10.41	-318.92	89.47	-2239.44	-201.77	1092.74	593.33
2697	10.47	8.10	10.41	-360.58	119.20	-2398.11	-179.03	1261.70	639.92
2698	10.21	8.70	10.41	-339.54	106.58	-2519.83	-208.75	1275.69	686.97
2699	9.56	8.10	10.41	-349.12	145.19	-2761.49	-171.30	1430.67	710.60
2700	9.32	8.70	10.41	-324.57	130.42	-2878.20	-206.62	1437.34	776.40
2701	8.65	8.10	10.41	-299.17	177.60	-3200.00	-152.63	1564.43	771.41
2702	8.44	8.70	10.41	-273.42	161.89	-3308.02	-192.75	1565.05	857.87
2703	7.74	8.10	10.41	-215.59	215.36	-3703.99	-123.02	1648.95	818.32
2704	7.55	8.70	10.41	-190.17	198.77	-3799.25	-168.53	1643.75	927.39
2705	6.83	8.10	10.41	-91.53	260.31	-4245.93	-82.34	1657.67	844.74
2706	6.66	8.70	10.41	-73.98	245.93	-4328.22	-129.25	1653.94	975.12
2707	5.92	8.10	10.41	23.99	303.34	-4793.21	-38.66	1589.10	844.46
2708	5.77	8.70	10.41	48.08	292.52	-4864.42	-86.37	1587.26	1000.63
2709	5.01	8.10	10.41	153.90	357.03	-5310.03	6.22	1443.49	818.14
2710	4.88	8.70	10.41	167.91	342.45	-5375.57	-51.44	1446.34	1006.51
2711	4.10	8.10	10.41	257.44	404.01	-5764.18	38.10	1221.42	773.34
2712	4.00	8.70	10.41	273.80	397.08	-5827.04	-6.59	1233.51	988.61
2713	3.19	8.10	10.41	323.74	441.89	-6121.88	59.05	947.59	716.56
2714	3.11	8.70	10.41	346.53	436.73	-6191.23	17.58	967.54	950.42
2715	2.28	8.10	10.41	360.61	474.08	-6374.18	58.94	650.96	657.53
2716	2.22	8.70	10.41	388.45	472.17	-6454.65	29.27	672.76	908.07
2717	1.37	8.10	10.41	374.34	495.05	-6525.61	46.65	342.86	605.19
2718	1.33	8.70	10.41	408.19	499.03	-6616.39	28.86	363.29	871.60
2719	0.46	8.10	10.41	366.70	504.05	-6579.52	21.32	35.47	568.91
2720	0.44	8.70	10.41	408.24	514.65	-6679.23	17.13	50.66	844.30
2721	14.58	8.10	8.72	-130.10	44.69	-2172.02	-134.02	562.49	322.31
2722	14.25	8.70	8.72	-126.78	47.59	-2292.64	-133.90	595.08	314.73
2723	13.64	8.10	8.72	-187.76	49.97	-2155.52	-143.91	715.42	377.80
2724	13.33	8.70	8.72	-187.76	43.66	-2279.75	-152.60	741.98	382.32
2725	12.70	8.10	8.72	-254.62	45.99	-2203.30	-158.33	868.83	442.65
2726	12.41	8.70	8.72	-245.33	38.46	-2329.84	-168.77	885.59	455.70
2727	11.76	8.10	8.72	-283.71	50.50	-2313.73	-162.31	1003.30	503.83
2728	11.49	8.70	8.72	-268.16	40.59	-2443.15	-176.77	1016.22	529.68
2729	10.82	8.10	8.72	-282.25	60.91	-2495.41	-159.18	1125.90	562.04
2730	10.57	8.70	8.72	-263.58	48.10	-2624.75	-178.68	1134.82	600.80
2731	9.88	8.10	8.72	-254.15	77.52	-2741.38	-150.17	1230.54	614.96
2732	9.65	8.70	8.72	-234.02	62.53	-2866.80	-174.55	1234.86	668.25
2733	8.94	8.10	8.72	-201.53	100.44	-3042.12	-134.97	1307.68	660.46
2734	8.73	8.70	8.72	-181.17	83.61	-3160.20	-163.39	1307.76	729.48
2735	8.00	8.10	8.72	-126.14	128.95	-3384.26	-113.87	1345.49	695.46
2736	7.81	8.70	8.72	-107.56	110.13	-3493.24	-145.65	1342.35	780.75
2737	7.05	8.10	8.72	-38.06	161.42	-3751.60	-88.67	1336.43	717.66
2738	6.89	8.70	8.72	-20.43	140.97	-3850.18	-123.30	1331.12	821.05
2739	6.11	8.10	8.72	61.68	197.69	-4123.80	-61.13	1273.69	726.33
2740	5.97	8.70	8.72	75.21	176.24	-4212.15	-97.17	1268.91	848.20
2741	5.17	8.10	8.72	155.13	232.33	-4478.69	-35.49	1156.03	721.76
2742	5.06	8.70	8.72	169.03	212.40	-4558.31	-68.33	1154.13	860.53
2743	4.23	8.10	8.72	238.97	266.18	-4794.74	-13.03	991.01	705.20
2744	4.14	8.70	8.72	252.18	245.71	-4869.44	-45.05	992.37	860.75
2745	3.29	8.10	8.72	305.40	296.12	-5056.59	1.71	785.51	680.44
2746	3.22	8.70	8.72	319.50	277.19	-5128.96	-24.62	790.50	852.23
2747	2.35	8.10	8.72	349.81	319.42	-5250.84	9.02	551.05	653.01
2748	2.30	8.70	8.72	366.50	301.95	-5323.88	-11.52	559.01	837.43
2749	1.41	8.10	8.72	372.92	336.09	-5371.08	7.64	300.65	628.40
2750	1.38	8.70	8.72	392.07	319.14	-5446.60	-5.06	309.43	821.23
2751	0.47	8.10	8.72	377.84	344.87	-5416.26	0.56	43.53	610.89
2752	0.46	8.70	8.72	398.32	327.77	-5494.15	-3.21	51.82	808.02
2753	15.05	8.10	7.03	-86.93	95.31	-2564.05	-111.42	643.48	334.15
2754	14.73	8.70	7.03	-122.22	72.03	-2651.81	-130.61	680.61	332.81
2755	14.08	8.10	7.03	-274.90	37.14	-2461.75	-169.52	816.03	388.85
2756	13.78	8.70	7.03	-257.85	34.89	-2554.83	-156.02	812.45	375.68
2757	13.11	8.10	7.03	-290.18	21.92	-2385.55	-166.80	867.61	414.17
2758	12.83	8.70	7.03	-264.66	13.71	-2508.56	-160.98	869.43	423.20
2759	12.14	8.10	7.03	-275.35	6.85	-2421.76	-160.98	934.67	454.30
2760	11.88	8.70	7.03	-252.63	-4.15	-2554.39	-163.62	942.06	478.07
2761	11.17	8.10	7.03	-248.39	-0.64	-2526.34	-154.24	1006.84	496.46
2762	10.93	8.70	7.03	-229.17	-13.62	-2660.18	-163.78	1014.32	531.79
2763	10.20	8.10	7.03	-210.10	0.65	-2682.82	-145.18	1069.59	535.66
2764	9.98	8.70	7.03	-193.28	-13.78	-2813.62	-159.79	1074.58	582.42
2765	9.22	8.10	7.03	-159.26	9.79	-2880.41	-132.66	1112.00	569.41
2766	9.03	8.70	7.03	-144.31	-6.38	-3005.40	-151.05	1114.13	627.98
2767	8.25	8.10	7.03	-96.86	24.89	-3108.88	-116.97	1125.92	595.97
2768	8.08	8.70	7.03	-83.80	6.68	-3226.46	-138.46	1125.13	666.63
2769	7.28	8.10	7.03	-24.92	44.68	-3356.22	-98.84	1104.88	614.38
2770	7.13	8.70	7.03	-14.09	24.88	-3465.38	-122.07	1102.25	697.49
2771	6.31	8.10	7.03	50.42	67.22	-3608.80	-79.48	1045.66	624.23
2772	6.18	8.70	7.03	59.77	45.87	-3709.48	-103.30	1042.37	719.82

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]
2773	5.34	8.10	7.03	125.17	91.31	-3852.20	-60.23	948.04	625.76
2774	5.23	8.70	7.03	132.63	68.27	-3945.27	-84.10	945.26	733.93
2775	4.37	8.10	7.03	192.33	114.42	-4072.55	-43.29	813.99	620.34
2776	4.28	8.70	7.03	199.05	90.69	-4159.26	-64.99	812.87	740.25
2777	3.40	8.10	7.03	247.59	135.17	-4257.18	-29.57	649.43	610.07
2778	3.33	8.70	7.03	254.14	110.73	-4339.52	-48.35	650.38	740.15
2779	2.43	8.10	7.03	287.73	152.10	-4396.95	-20.18	461.19	597.31
2780	2.38	8.70	7.03	294.64	127.32	-4476.75	-34.32	464.21	735.86
2781	1.46	8.10	7.03	310.91	163.70	-4485.31	-14.75	257.02	584.68
2782	1.43	8.70	7.03	318.63	139.00	-4564.25	-23.40	261.91	729.25
2783	0.49	8.10	7.03	316.61	169.32	-4518.70	-12.61	45.07	574.43
2784	0.48	8.70	7.03	325.25	144.85	-4598.18	-15.18	51.24	722.10
2785	15.52	8.10	5.34	-656.56	0.25	-3319.18	-402.79	1192.73	608.11
2786	15.21	8.70	5.34	-455.56	144.81	-3196.26	-202.59	1067.62	369.95
2787	14.52	8.10	5.34	-404.20	90.62	-2573.98	-227.72	841.17	363.97
2788	14.23	8.70	5.34	-298.51	73.27	-2674.43	-171.22	807.86	340.98
2789	13.52	8.10	5.34	-292.45	11.67	-2475.83	-181.98	816.67	377.84
2790	13.25	8.70	5.34	-240.97	-5.92	-2606.05	-164.20	822.87	391.84
2791	12.52	8.10	5.34	-240.44	-37.13	-2469.37	-167.83	858.38	411.01
2792	12.27	8.70	5.34	-213.00	-51.45	-2604.18	-163.43	871.63	439.05
2793	11.52	8.10	5.34	-207.24	-65.72	-2515.23	-159.24	908.58	443.63
2794	11.29	8.70	5.34	-190.58	-79.62	-2650.31	-162.76	921.05	480.69
2795	10.51	8.10	5.34	-174.27	-79.82	-2601.27	-150.75	948.61	471.95
2796	10.31	8.70	5.34	-162.81	-94.12	-2733.52	-159.01	958.09	517.60
2797	9.51	8.10	5.34	-134.68	-83.42	-2720.00	-140.11	970.35	495.25
2798	9.32	8.70	5.34	-126.20	-99.20	-2847.34	-151.74	976.77	549.62
2799	8.51	8.10	5.34	-86.89	-79.43	-2863.96	-127.09	968.56	513.01
2800	8.34	8.70	5.34	-80.74	-97.18	-2985.16	-141.27	972.06	576.08
2801	7.51	8.10	5.34	-32.66	-69.88	-3024.53	-112.11	939.82	525.14
2802	7.36	8.70	5.34	-28.33	-89.59	-3138.77	-127.89	941.11	597.18
2803	6.51	8.10	5.34	25.22	-56.64	-3191.91	-95.90	882.35	531.80
2804	6.38	8.70	5.34	27.84	-78.27	-3299.00	-112.41	882.33	612.80
2805	5.51	8.10	5.34	82.38	-41.64	-3355.77	-79.56	796.04	533.51
2806	5.40	8.70	5.34	83.72	-64.90	-3456.09	-95.72	795.65	623.06
2807	4.51	8.10	5.34	134.92	-26.36	-3505.98	-63.99	682.80	531.05
2808	4.42	8.70	5.34	135.21	-51.13	-3600.46	-79.01	682.81	628.53
2809	3.50	8.10	5.34	178.90	-12.36	-3633.47	-50.11	545.94	525.58
2810	3.44	8.70	5.34	178.61	-38.24	-3723.33	-62.94	546.95	630.02
2811	2.50	8.10	5.34	211.39	-0.87	-3730.65	-38.34	390.35	518.49
2812	2.45	8.70	5.34	210.94	-27.55	-3817.33	-48.23	392.68	628.53
2813	1.50	8.10	5.34	230.42	7.16	-3792.11	-28.81	221.71	511.19
2814	1.47	8.70	5.34	230.14	-20.04	-3877.05	-35.04	225.43	625.18
2815	0.50	8.10	5.34	234.99	10.97	-3814.55	-21.19	46.11	504.86
2816	0.49	8.70	5.34	235.15	-16.44	-3899.11	-23.30	51.12	620.90
2817	-0.39	8.10	17.16	-1025.85	-672.95	-3910.03	79.78	1107.73	-562.33
2818	-0.38	8.70	17.16	-1107.42	-1045.26	-4676.23	2.54	916.47	-1055.47
2819	-1.18	8.10	17.16	-2312.78	-1949.32	-10763.90	314.85	4973.57	-1091.85
2820	-1.14	8.70	17.16	-2496.44	-2140.19	-11726.20	215.56	4991.75	-1236.20
2821	-1.97	8.10	17.16	-1794.46	-2515.16	-15612.40	-4.87	-240.49	-983.05
2822	-1.91	8.70	17.16	-2081.84	-2572.88	-16877.20	-157.90	-228.14	-846.23
2823	-2.76	8.10	17.16	-2348.93	-2458.25	-13616.80	-135.05	-2064.86	-2286.45
2824	-2.67	8.70	17.16	-2413.19	-2386.35	-17085.30	-90.77	-842.92	-613.16
2825	-3.55	8.10	17.16	-2206.67	-2608.93	-15565.70	-365.38	238.53	-2290.46
2826	-3.43	8.70	17.16	-2653.94	-2672.67	-19123.70	-338.86	-1510.96	-68.34
2827	-4.34	8.10	17.16	-2739.19	-2899.97	-20741.20	-308.03	-2400.84	514.23
2828	-4.20	8.70	17.16	-5431.25	-5549.29	-18873.60	1763.76	-5215.17	5175.63
2829	-5.13	8.10	17.16	-8229.17	-4259.83	-12985.20	2733.45	-10344.20	2974.73
2830	-4.96	8.70	17.16	-6518.33	-5802.90	-10520.30	3695.59	-8077.93	6524.79
2831	-5.92	8.10	17.16	-3733.97	-2241.87	-3071.58	1518.36	-3761.52	1376.03
2832	-5.72	8.70	17.16	-3513.62	-2399.45	-3229.17	1724.54	-3792.49	1695.17
2833	-6.70	8.10	17.16	-1635.44	-1501.18	-1328.70	910.54	-1713.36	720.19
2834	-6.49	8.70	17.16	-1701.46	-1530.42	-1383.07	905.45	-1824.67	846.79
2835	-7.49	8.10	17.16	-700.81	-1088.52	-724.26	663.95	-958.62	524.35
2836	-7.25	8.70	17.16	-699.50	-1025.15	-724.79	550.40	-955.54	486.13
2837	-8.28	8.10	17.16	-168.67	-718.07	-415.31	466.18	-538.24	313.83
2838	-8.01	8.70	17.16	-167.30	-701.74	-433.70	376.01	-530.04	309.35
2839	-9.07	8.10	17.16	136.39	-474.69	-264.76	336.97	-276.04	187.44
2840	-8.78	8.70	17.16	127.18	-465.36	-284.27	268.31	-275.49	186.96
2841	-9.86	8.10	17.16	288.07	-306.80	-186.27	258.29	-102.28	115.50
2842	-9.54	8.70	17.16	275.91	-301.90	-202.29	203.66	-104.06	113.43
2843	-10.65	8.10	17.16	331.38	-185.76	-134.69	208.06	22.21	82.10
2844	-10.30	8.70	17.16	321.17	-183.88	-147.33	165.86	25.46	74.13
2845	-11.44	8.10	17.16	295.12	-89.88	-77.82	171.03	120.55	90.07
2846	-11.07	8.70	17.16	290.52	-91.16	-83.49	142.05	126.70	77.45
2847	-12.23	8.10	17.16	196.34	-0.68	22.75	135.31	209.16	168.37
2848	-11.83	8.70	17.16	199.47	-5.16	23.41	122.11	220.51	151.21
2849	-0.41	8.10	15.47	-2488.59	-1427.86	-9180.96	-58.10	487.49	-1336.06
2850	-0.40	8.70	15.47	-2555.53	-1464.73	-10994.20	-148.41	378.82	-1716.45
2851	-1.23	8.10	15.47	-1086.40	-1096.95	-10115.10	-210.19	521.33	-1153.26
2852	-1.19	8.70	15.47	-1228.98	-1009.36	-11570.70	-437.02	242.37	-1259.07
2853	-2.05	8.10	15.47	-445.37	-888.96	-11136.00	-176.24	187.71	-1013.52
2854	-1.99	8.70	15.47	-607.10	-688.36	-12426.70	-354.43	100.33	-777.26
2855	-2.87	8.10	15.47	-805.72	-855.22	-12112.70	-157.30	-695.70	-609.71
2856	-2.78	8.70	15.47	-738.15	-548.82	-13152.30	-354.14	-1070.98	-398.00
2857	-3.69	8.10	15.47	-846.64	-646.00	-12042.00	-511.95	-1884.63	18.51
2858	-3.58	8.70	15.47	-599.42	-413.37	-12678.40	-535.16	-2260.79	293.10
2859	-4.51	8.10	15.47	-328.08	-276.82	-10210.10	-472.86	-3260.53	784.43
2860	-4.37	8.70	15.47	-94.21	213.36	-10904.20	-933.67	-3524.52	755.37
2861	-5.32	8.10	15.47	-77.63	-62.86	-8227.76	-362.25	-3579.11	1291.55
2862	-5.16	8.70	15.47	-812.21	8.08	-8587.63	-236.31	-4196.33	1371.41
2863	-6.14	8.10	15.47	-2053.14	-691.29	-5935.21	419.44	-4262.17	1590.85
2864	-5.96	8.70	15.47	-2059.25	-680.18	-5849.50	643.95	-4239.47	1939.88
2865	-6.96	8.10	15.47	-2005.59	-640.96	-3445.70	641.90	-3162.47	1338.37
2866	-6.75	8.70	15.47	-2011.61	-592.35	-3471.10	734.34	-3171.07	1451.63
2867	-7.78	8.10	15.47	-1605.95	-447.64	-2112.24	630.99	-2211.79	994.82
2868	-7.55	8.70	15.47	-1622.79	-452.08	-2157.08	677.23	-2218.27	1068.03
2869	-8.60	8.10	15.47	-1206.95	-288.39	-1367.18	546.93	-1503.54	719.62
2870	-8.34	8.70	15.47	-1209.51	-297.35	-1423.92	567.42	-1512.33	769.94
2871	-9.42	8.10	15.47	-850.18	-157.07	-933.29	433.71	-977.77	519.27

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]
2872	-9.14	8.70	15.47	-852.82	-168.32	-992.80	448.83	-996.25	555.95
2873	-10.24	8.10	15.47	-550.82	-58.85	-668.64	325.14	-589.01	390.49
2874	-9.93	8.70	15.47	-556.79	-65.87	-720.23	337.28	-612.22	413.31
2875	-11.06	8.10	15.47	-308.54	12.80	-479.92	233.26	-298.50	319.54
2876	-10.73	8.70	15.47	-314.08	10.87	-520.87	240.90	-318.08	326.06
2877	-11.88	8.10	15.47	-112.26	59.80	-298.49	163.48	-73.30	296.38
2878	-11.52	8.70	15.47	-115.81	61.33	-326.21	166.99	-89.25	286.64
2879	-12.70	8.10	15.47	55.91	74.94	-58.97	124.96	115.90	306.21
2880	-12.31	8.70	15.47	57.80	76.29	-75.52	124.11	105.03	278.76
2881	-0.42	8.10	13.78	-455.49	103.86	-9480.12	-49.93	-360.78	-384.65
2882	-0.41	8.70	13.78	-338.62	503.42	-10110.80	-42.88	-382.97	102.52
2883	-1.27	8.10	13.78	-464.74	128.01	-9388.77	-155.01	-490.97	-296.48
2884	-1.24	8.70	13.78	-374.50	450.47	-10014.10	-143.96	-564.16	152.93
2885	-2.12	8.10	13.78	-284.24	194.08	-9403.79	-268.43	-754.85	-94.77
2886	-2.06	8.70	13.78	-198.43	447.07	-9912.50	-270.31	-937.40	333.66
2887	-2.97	8.10	13.78	41.65	289.45	-9247.28	-381.47	-1280.90	190.02
2888	-2.89	8.70	13.78	70.86	477.99	-9565.97	-332.08	-1464.81	683.27
2889	-3.82	8.10	13.78	96.16	321.73	-8638.41	-311.91	-1996.19	513.23
2890	-3.72	8.70	13.78	47.01	479.59	-8823.42	-248.28	-2127.16	1013.47
2891	-4.67	8.10	13.78	-235.73	219.53	-7669.57	-224.07	-2467.49	771.41
2892	-4.54	8.70	13.78	-289.23	268.46	-7750.72	22.38	-2553.20	1224.07
2893	-5.52	8.10	13.78	-629.22	83.90	-6455.11	-53.36	-2714.50	978.37
2894	-5.37	8.70	13.78	-502.40	180.22	-6501.36	43.30	-2731.52	1274.17
2895	-6.37	8.10	13.78	-575.85	137.42	-5188.74	52.89	-2658.87	1072.17
2896	-6.19	8.70	13.78	-630.91	171.98	-5254.35	121.91	-2723.85	1239.41
2897	-7.22	8.10	13.78	-899.64	74.22	-4015.43	217.79	-2564.29	1054.36
2898	-7.02	8.70	13.78	-897.42	67.79	-4068.97	298.34	-2567.59	1213.35
2899	-8.07	8.10	13.78	-992.04	50.24	-2941.66	301.79	-2171.58	931.49
2900	-7.84	8.70	13.78	-973.53	43.92	-3024.39	364.23	-2180.11	1048.49
2901	-8.92	8.10	13.78	-921.90	59.76	-2157.72	309.75	-1716.67	780.73
2902	-8.67	8.70	13.78	-903.69	49.98	-2251.62	360.37	-1735.85	866.42
2903	-9.77	8.10	13.78	-770.34	76.83	-1613.10	276.67	-1294.25	644.22
2904	-9.49	8.70	13.78	-756.17	69.35	-1706.26	316.49	-1323.05	704.34
2905	-10.62	8.10	13.78	-582.75	92.77	-1231.77	226.36	-930.46	533.47
2906	-10.32	8.70	13.78	-574.43	88.09	-1317.62	258.01	-965.36	573.17
2907	-11.47	8.10	13.78	-386.52	100.87	-948.57	176.16	-625.49	446.72
2908	-11.15	8.70	13.78	-382.27	99.25	-1025.98	199.29	-659.65	465.05
2909	-12.32	8.10	13.78	-195.53	96.75	-714.70	137.28	-364.39	372.21
2910	-11.97	8.70	13.78	-195.05	98.22	-783.91	151.67	-397.11	369.91
2911	-13.17	8.10	13.78	-15.51	78.57	-506.00	114.30	-121.39	290.50
2912	-12.80	8.70	13.78	-16.23	82.23	-571.49	119.37	-151.39	267.46
2913	-0.44	8.10	12.09	143.44	559.51	-7976.48	-17.63	-300.03	336.56
2914	-0.43	8.70	12.09	210.46	624.47	-8186.76	-6.65	-300.90	705.74
2915	-1.32	8.10	12.09	159.83	553.62	-7860.69	-84.72	-617.70	371.92
2916	-1.29	8.70	12.09	228.82	627.84	-8047.47	-61.18	-649.72	744.38
2917	-2.20	8.10	12.09	183.54	541.70	-7623.62	-135.21	-965.19	456.26
2918	-2.14	8.70	12.09	233.12	609.16	-7776.08	-92.07	-1007.13	819.95
2919	-3.08	8.10	12.09	149.98	513.08	-7237.52	-141.03	-1317.53	572.39
2920	-3.00	8.70	12.09	181.15	560.36	-7363.73	-89.63	-1359.29	893.17
2921	-3.96	8.10	12.09	70.75	464.84	-6719.47	-133.92	-1618.99	691.13
2922	-3.86	8.70	12.09	99.72	485.10	-6820.17	-62.23	-1659.01	960.37
2923	-4.84	8.10	12.09	-26.00	421.59	-6074.10	-82.35	-1877.88	792.81
2924	-4.71	8.70	12.09	-2.79	440.94	-6154.42	-43.80	-1907.70	1025.47
2925	-5.72	8.10	12.09	-153.76	380.43	-5314.35	-24.46	-2048.41	847.78
2926	-5.57	8.70	12.09	-166.44	367.31	-5394.11	54.47	-2062.14	1063.86
2927	-6.60	8.10	12.09	-373.54	297.12	-4509.77	49.11	-2084.52	859.42
2928	-6.43	8.70	12.09	-339.97	286.56	-4596.36	125.48	-2080.74	1044.57
2929	-7.48	8.10	12.09	-467.82	246.06	-3735.56	100.03	-1974.94	836.78
2930	-7.28	8.70	12.09	-446.19	237.60	-3836.18	162.49	-1982.50	975.25
2931	-8.36	8.10	12.09	-552.56	197.67	-3053.42	140.96	-1801.32	785.27
2932	-8.14	8.70	12.09	-527.96	187.38	-3159.48	196.94	-1810.94	894.14
2933	-9.24	8.10	12.09	-573.93	159.76	-2469.47	160.86	-1559.00	709.36
2934	-9.00	8.70	12.09	-550.62	150.01	-2581.85	208.80	-1576.20	791.59
2935	-10.12	8.10	12.09	-533.27	132.20	-2004.97	160.07	-1289.55	623.89
2936	-9.85	8.70	12.09	-515.03	123.76	-2118.36	200.07	-1315.25	683.16
2937	-11.00	8.10	12.09	-447.99	109.71	-1649.85	146.99	-1021.92	537.13
2938	-10.71	8.70	12.09	-436.08	103.65	-1760.63	179.64	-1053.80	577.05
2939	-11.88	8.10	12.09	-335.55	89.10	-1383.50	128.91	-769.04	449.80
2940	-11.57	8.70	12.09	-329.35	85.69	-1492.01	153.72	-802.56	470.63
2941	-12.76	8.10	12.09	-208.94	69.36	-1189.73	110.58	-531.54	358.15
2942	-12.42	8.70	12.09	-208.25	69.46	-1296.14	127.00	-566.93	361.90
2943	-13.64	8.10	12.09	-74.01	51.87	-1063.26	92.40	-304.13	257.36
2944	-13.28	8.70	12.09	-77.16	55.58	-1169.42	99.91	-340.83	245.73
2945	-0.46	8.10	10.41	350.43	504.00	-6538.84	-10.62	-266.55	557.81
2946	-0.44	8.70	10.41	392.81	514.83	-6641.96	-2.34	-262.00	832.95
2947	-1.37	8.10	10.41	327.83	495.07	-6406.96	-38.40	-559.03	572.20
2948	-1.33	8.70	10.41	364.29	499.95	-6507.49	-16.82	-560.98	837.96
2949	-2.28	8.10	10.41	288.02	474.28	-6187.03	-55.76	-839.54	603.76
2950	-2.22	8.70	10.41	319.70	473.82	-6282.62	-22.74	-845.18	853.65
2951	-3.19	8.10	10.41	232.07	442.35	-5879.87	-63.38	-1098.56	644.10
2952	-3.11	8.70	10.41	259.69	439.16	-5968.62	-18.88	-1105.42	877.31
2953	-4.10	8.10	10.41	154.29	403.93	-5485.03	-52.55	-1327.87	685.32
2954	-4.00	8.70	10.41	176.08	399.37	-5569.67	-4.72	-1331.09	899.93
2955	-5.01	8.10	10.41	49.60	356.52	-5012.53	-32.51	-1503.79	718.80
2956	-4.88	8.70	10.41	68.55	344.90	-5099.93	27.38	-1502.01	907.05
2957	-5.92	8.10	10.41	-72.67	301.81	-4494.12	-0.35	-1606.52	738.34
2958	-5.77	8.70	10.41	-46.00	293.11	-4585.80	50.80	-1603.72	895.41
2959	-6.83	8.10	10.41	-175.76	255.29	-3958.90	31.37	-1637.92	736.74
2960	-6.66	8.70	10.41	-156.70	243.39	-4058.55	81.70	-1636.19	868.45
2961	-7.74	8.10	10.41	-281.36	205.78	-3438.08	61.52	-1599.95	712.90
2962	-7.55	8.70	10.41	-257.19	192.15	-3546.72	110.39	-1599.01	823.31
2963	-8.65	8.10	10.41	-346.58	161.95	-2959.03	83.17	-1495.44	671.55
2964	-8.44	8.70	10.41	-324.14	149.31	-3076.36	126.83	-1501.25	759.84
2965	-9.56	8.10	10.41	-379.36	122.33	-2544.12	96.60	-1349.31	617.84
2966	-9.32	8.70	10.41	-359.73	110.69	-2666.83	135.40	-1361.43	686.22
2967	-10.47	8.10	10.41	-377.35	88.28	-2199.38	101.90	-1174.85	554.72
2968	-10.21	8.70	10.41	-362.08	78.79	-2324.84	134.89	-1193.94	605.34
2969	-11.38	8.10	10.41	-343.38	59.75	-1927.96	100.66	-985.95	484.25
2970	-11.10	8.70	10.41	-333.41	53.02	-2054.17	127.88	-1011.03	520.11

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]
2971	-12.29	8.10	10.41	-283.91	36.47	-1727.92	94.28	-793.74	407.55
2972	-11.99	8.70	10.41	-279.13	32.54	-1854.93	115.27	-822.18	429.41
2973	-13.20	8.10	10.41	-205.40	19.21	-1596.26	83.67	-605.03	325.34
2974	-12.88	8.70	10.41	-205.77	18.68	-1722.97	98.03	-637.64	335.55
2975	-14.11	8.10	10.41	-112.24	9.20	-1531.78	68.85	-424.07	238.55
2976	-13.76	8.70	10.41	-117.01	11.88	-1657.98	76.24	-460.27	239.25
2977	-0.47	8.10	8.72	364.87	344.44	-5386.95	-9.38	-212.59	602.35
2978	-0.46	8.70	8.72	386.15	327.57	-5467.04	-3.39	-204.95	799.51
2979	-1.41	8.10	8.72	335.01	334.76	-5285.19	-18.82	-459.80	603.13
2980	-1.38	8.70	8.72	356.36	318.47	-5367.12	-3.93	-453.48	795.99
2981	-2.35	8.10	8.72	290.32	317.09	-5114.26	-24.77	-691.38	612.02
2982	-2.30	8.70	8.72	310.39	300.67	-5197.32	-2.03	-685.92	796.46
2983	-3.29	8.10	8.72	229.29	292.46	-4878.52	-24.14	-899.98	625.46
2984	-3.22	8.70	8.72	247.52	274.96	-4963.50	4.42	-893.95	797.38
2985	-4.23	8.10	8.72	152.81	260.88	-4586.35	-17.78	-1075.28	638.61
2986	-4.14	8.70	8.72	170.23	242.16	-4674.98	16.47	-1068.33	794.59
2987	-5.17	8.10	8.72	65.56	224.61	-4251.72	-4.91	-1208.54	646.45
2988	-5.06	8.70	8.72	83.10	206.63	-4345.36	30.52	-1201.12	785.89
2989	-6.11	8.10	8.72	-24.81	186.49	-3889.46	10.62	-1295.28	645.42
2990	-5.97	8.70	8.72	-8.59	167.51	-3990.58	49.28	-1287.66	768.16
2991	-7.05	8.10	8.72	-115.38	145.81	-3519.07	28.13	-1330.31	634.10
2992	-6.89	8.70	8.72	-96.99	128.04	-3628.28	65.79	-1324.39	738.76
2993	-8.00	8.10	8.72	-190.31	107.50	-3159.78	44.12	-1316.02	611.73
2994	-7.81	8.70	8.72	-172.96	91.54	-3276.74	79.38	-1313.94	698.84
2995	-8.94	8.10	8.72	-249.34	71.60	-2828.45	57.25	-1259.29	578.41
2996	-8.73	8.70	8.72	-232.60	57.92	-2951.81	89.63	-1261.80	649.95
2997	-9.88	8.10	8.72	-284.38	39.70	-2537.35	65.99	-1167.10	535.49
2998	-9.65	8.70	8.72	-270.13	28.13	-2665.88	94.92	-1175.03	592.41
2999	-10.82	8.10	8.72	-295.42	12.67	-2295.33	70.14	-1049.95	484.98
3000	-10.57	8.70	8.72	-284.65	3.61	-2426.86	94.84	-1063.78	529.01
3001	-11.76	8.10	8.72	-283.42	-9.17	-2106.57	70.24	-916.52	427.88
3002	-11.49	8.70	8.72	-276.70	-15.28	-2239.40	90.56	-935.92	461.48
3003	-12.70	8.10	8.72	-250.87	-25.41	-1972.38	66.21	-775.32	365.44
3004	-12.41	8.70	8.72	-248.44	-28.88	-2106.06	82.01	-798.74	389.44
3005	-13.64	8.10	8.72	-201.40	-35.19	-1892.45	58.06	-633.71	299.70
3006	-13.33	8.70	8.72	-203.43	-35.94	-2025.32	69.13	-662.02	316.10
3007	-14.58	8.10	8.72	-138.24	-37.47	-1865.69	45.88	-497.74	233.13
3008	-14.25	8.70	8.72	-144.37	-36.04	-1996.89	51.97	-530.36	243.79
3009	-0.49	8.10	7.03	305.56	168.60	-4496.48	-12.29	-167.00	568.08
3010	-0.48	8.70	7.03	314.84	144.27	-4577.40	-8.64	-160.00	715.82
3011	-1.46	8.10	7.03	278.59	161.48	-4420.01	-12.19	-372.19	565.87
3012	-1.43	8.70	7.03	288.16	137.24	-4503.10	-2.44	-364.46	710.62
3013	-2.43	8.10	7.03	236.49	148.17	-4292.49	-10.74	-563.59	566.80
3014	-2.38	8.70	7.03	246.23	124.18	-4378.70	4.57	-555.15	705.65
3015	-3.40	8.10	7.03	181.19	129.19	-4119.55	-7.07	-734.33	569.16
3016	-3.33	8.70	7.03	191.17	105.82	-4209.89	13.00	-725.38	699.68
3017	-4.37	8.10	7.03	115.38	105.80	-3909.12	-0.53	-878.30	570.75
3018	-4.28	8.70	7.03	125.68	83.41	-4004.58	22.69	-869.09	691.24
3019	-5.34	8.10	7.03	42.85	79.27	-3670.91	8.16	-990.47	569.44
3020	-5.23	8.70	7.03	53.52	57.85	-3772.57	33.79	-981.46	678.40
3021	-6.31	8.10	7.03	-31.99	50.75	-3417.20	18.49	-1066.71	563.23
3022	-6.18	8.70	7.03	-20.40	31.23	-3525.50	44.49	-1058.89	659.87
3023	-7.28	8.10	7.03	-102.47	22.37	-3160.71	28.72	-1106.30	550.62
3024	-7.13	8.70	7.03	-90.84	4.72	-3275.83	54.58	-1100.59	635.09
3025	-8.25	8.10	7.03	-164.76	-4.95	-2914.01	37.84	-1110.17	531.05
3026	-8.08	8.70	7.03	-152.97	-20.55	-3035.46	62.55	-1107.53	603.51
3027	-9.22	8.10	7.03	-213.02	-29.73	-2688.31	44.87	-1081.47	504.41
3028	-9.03	8.70	7.03	-202.10	-42.72	-2814.97	67.40	-1082.87	565.52
3029	-10.20	8.10	7.03	-244.93	-51.24	-2492.54	49.07	-1025.44	470.93
3030	-9.98	8.70	7.03	-235.74	-61.77	-2623.13	69.16	-1031.07	521.46
3031	-11.17	8.10	7.03	-258.81	-68.25	-2332.65	49.92	-947.65	431.36
3032	-10.93	8.70	7.03	-252.16	-76.26	-2465.42	66.97	-958.13	472.51
3033	-12.14	8.10	7.03	-254.82	-80.37	-2212.23	47.67	-854.05	386.32
3034	-11.88	8.70	7.03	-251.21	-85.60	-2345.50	61.53	-869.37	420.03
3035	-13.11	8.10	7.03	-234.52	-87.48	-2131.96	42.34	-751.09	336.89
3036	-12.83	8.70	7.03	-234.38	-90.45	-2264.95	53.07	-770.22	363.80
3037	-14.08	8.10	7.03	-200.78	-89.15	-2090.44	34.15	-645.19	285.29
3038	-13.78	8.70	7.03	-204.42	-90.13	-2221.38	41.75	-668.97	306.86
3039	-15.05	8.10	7.03	-157.17	-85.11	-2085.67	23.99	-542.86	234.60
3040	-14.73	8.70	7.03	-164.65	-84.89	-2213.76	28.27	-571.14	252.37
3041	-0.50	8.10	5.34	224.92	10.10	-3796.83	-14.88	-130.27	500.29
3042	-0.49	8.70	5.34	225.63	-17.21	-3882.31	-12.66	-124.12	616.42
3043	-1.50	8.10	5.34	200.75	4.51	-3739.87	-9.07	-301.27	497.66
3044	-1.47	8.70	5.34	202.09	-22.38	-3827.42	-2.69	-294.15	611.83
3045	-2.50	8.10	5.34	163.78	-5.53	-3646.51	-3.06	-461.22	496.55
3046	-2.45	8.70	5.34	165.82	-31.69	-3737.20	7.07	-453.46	606.85
3047	-3.50	8.10	5.34	115.89	-19.47	-3521.45	3.64	-604.92	496.15
3048	-3.44	8.70	5.34	118.72	-44.61	-3616.25	16.85	-596.84	600.95
3049	-4.51	8.10	5.34	59.75	-36.55	-3371.06	11.09	-727.83	495.35
3050	-4.42	8.70	5.34	63.44	-60.38	-3470.85	26.69	-719.86	593.29
3051	-5.51	8.10	5.34	-1.33	-55.81	-3203.35	19.11	-826.33	492.90
3052	-5.40	8.70	5.34	3.29	-77.91	-3308.73	36.13	-819.06	583.04
3053	-6.51	8.10	5.34	-63.29	-76.01	-3027.19	27.06	-898.31	487.71
3054	-6.38	8.70	5.34	-57.92	-96.19	-3138.50	44.76	-892.37	569.46
3055	-7.51	8.10	5.34	-122.19	-96.03	-2852.02	34.25	-942.88	478.89
3056	-7.36	8.70	5.34	-116.14	-113.95	-2969.13	51.69	-938.97	551.92
3057	-8.51	8.10	5.34	-173.66	-114.48	-2686.97	39.77	-960.77	465.76
3058	-8.34	8.70	5.34	-167.42	-129.94	-2809.33	56.22	-959.51	530.13
3059	-9.51	8.10	5.34	-214.47	-130.30	-2540.20	42.93	-953.85	447.82
3060	-9.32	8.70	5.34	-208.47	-142.96	-2666.78	57.74	-955.77	504.01
3061	-10.51	8.10	5.34	-241.66	-142.63	-2418.15	43.09	-924.89	424.75
3062	-10.31	8.70	5.34	-236.70	-152.65	-2547.77	56.00	-930.07	473.09
3063	-11.52	8.10	5.34	-253.85	-150.48	-2325.00	39.78	-877.15	396.53
3064	-11.29	8.70	5.34	-250.60	-157.99	-2455.96	50.46	-886.03	437.75
3065	-12.52	8.10	5.34	-250.84	-153.43	-2262.48	33.30	-813.80	362.98
3066	-12.27	8.70	5.34	-249.77	-158.31	-2393.01	41.64	-826.48	398.49
3067	-13.52	8.10	5.34	-233.80	-151.63	-2229.15	24.09	-738.69	324.29
3068	-13.25	8.70	5.34	-235.45	-154.45	-2358.20	30.30	-754.41	354.41
3069	-14.52	8.10	5.34	-205.91	-145.28	-2220.48	13.19	-656.20	281.87



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]
3070	-14.23	8.70	5.34	-210.67	-146.52	-2346.17	17.42	-675.79	307.61
3071	-15.52	8.10	5.34	-170.84	-134.88	-2228.41	3.15	-571.08	238.55
3072	-15.21	8.70	5.34	-178.89	-135.21	-2349.12	5.25	-594.36	260.56
3073	7.92	9.28	17.16	-160.75	-642.74	-442.05	-260.81	489.27	308.35
3074	8.62	9.26	17.16	103.58	-433.95	-307.27	-175.44	255.09	183.22
3075	9.33	9.23	17.16	243.42	-288.35	-225.04	-129.63	94.28	107.50
3076	7.99	9.85	17.16	-41.37	-491.43	-380.86	-140.77	352.00	222.84
3077	8.62	9.77	17.16	134.24	-349.15	-286.56	-99.65	183.52	134.41
3078	9.23	9.68	17.16	232.28	-246.65	-219.82	-83.28	60.77	78.88
3079	8.07	10.41	17.16	33.97	-355.98	-331.08	-44.83	226.23	137.65
3080	8.60	10.27	17.16	145.29	-271.92	-264.60	-37.48	113.05	88.16
3081	9.13	10.13	17.16	214.20	-205.45	-213.94	-40.19	18.68	51.52
3082	0.38	9.50	17.16	-2592.81	-2695.88	-13627.20	3.31	-688.57	-4897.31
3083	1.14	9.50	17.16	-3216.28	-2793.39	-17182.80	127.06	-2792.30	-2496.23
3084	1.90	9.49	17.16	-2782.58	-2733.22	-20328.80	339.96	77.32	-307.41
3085	2.66	9.47	17.16	-3095.36	-2780.55	-21984.00	347.19	799.02	355.29
3086	3.42	9.46	17.16	-3386.23	-3305.72	-25951.80	112.84	1922.80	1214.85
3087	4.18	9.44	17.16	-8650.72	-4385.79	-16875.20	-2317.51	11169.60	1706.59
3088	4.93	9.41	17.16	-3987.05	-4053.16	-5628.51	-1810.81	4557.17	3283.65
3089	5.69	9.38	17.16	-2784.94	-2576.93	-2823.99	-1468.97	3104.10	2005.88
3090	6.44	9.35	17.16	-1476.22	-1472.14	-1286.54	-764.02	1633.39	915.44
3091	7.19	9.31	17.16	-645.29	-956.09	-711.06	-423.41	885.54	498.42
3092	0.39	10.50	17.16	-4115.01	-2428.43	-25533.40	106.86	-201.51	984.92
3093	1.17	10.49	17.16	-3959.25	-2690.18	-26029.40	251.49	47.88	1184.96
3094	1.95	10.46	17.16	-3769.92	-3269.13	-27704.50	261.18	854.10	1720.73
3095	2.73	10.42	17.16	-6247.50	-6230.16	-22316.80	-2035.30	6814.95	5578.73
3096	3.50	10.37	17.16	-4713.53	-9472.59	-17314.90	-2524.97	3466.43	11687.50
3097	4.27	10.31	17.16	-6564.17	-6436.07	-10316.50	-3661.98	8569.38	7464.99
3098	5.04	10.23	17.16	-3110.94	-2528.14	-3075.50	-1233.02	3301.31	2051.12
3099	5.80	10.15	17.16	-1627.33	-1752.32	-1571.53	-713.10	1776.70	1205.25
3100	6.56	10.05	17.16	-890.11	-1118.71	-907.77	-426.41	1086.85	687.75
3101	7.31	9.94	17.16	-361.59	-718.23	-555.99	-229.16	621.96	369.64
3102	0.40	11.50	17.16	-4316.69	-10432.90	-16290.80	-136.78	66.43	12360.70
3103	1.20	11.48	17.16	-4347.79	-10652.30	-16742.90	-646.72	652.47	12777.00
3104	2.00	11.43	17.16	-4370.96	-11050.20	-17342.70	-1583.97	2018.28	13713.60
3105	2.80	11.37	17.16	-5638.19	-7687.61	-10878.80	-3054.75	7223.22	8914.93
3106	3.59	11.29	17.16	-2927.61	-3903.46	-3823.20	-1066.46	2962.80	3563.50
3107	4.37	11.18	17.16	-2026.65	-3105.95	-2606.84	-1068.89	2028.18	2731.06
3108	5.15	11.06	17.16	-1872.34	-1950.40	-1818.83	-787.18	1974.43	1710.40
3109	5.92	10.92	17.16	-1046.15	-1123.51	-1018.13	-312.10	1132.14	794.17
3110	6.68	10.75	17.16	-511.68	-750.56	-653.58	-149.05	678.11	439.83
3111	7.43	10.57	17.16	-173.50	-501.07	-448.70	-73.39	397.27	238.14
3112	0.41	12.50	17.16	-1991.44	-4023.17	-3079.86	-62.03	48.38	3905.44
3113	1.23	12.47	17.16	-2018.62	-4031.12	-3088.42	-229.42	380.44	3976.09
3114	2.05	12.41	17.16	-2018.27	-3751.53	-2666.52	-453.31	1098.50	3560.59
3115	2.86	12.32	17.16	-1875.42	-3060.77	-2432.01	-648.74	1234.94	2952.86
3116	3.67	12.20	17.16	-1915.30	-2156.10	-2042.34	-543.36	1591.91	2087.35
3117	4.47	12.06	17.16	-1319.54	-1430.05	-1331.56	-221.24	1075.16	1212.87
3118	5.26	11.88	17.16	-914.26	-1024.20	-952.06	-144.83	807.56	799.02
3119	6.04	11.68	17.16	-620.67	-675.87	-694.08	-51.81	623.81	468.49
3120	6.80	11.46	17.16	-297.28	-446.47	-494.12	23.73	382.57	231.55
3121	7.55	11.20	17.16	-66.42	-313.65	-362.33	35.66	204.85	111.27
3122	0.42	13.50	17.16	-1394.50	-1229.20	-1353.66	1.60	37.49	1206.29
3123	1.26	13.46	17.16	-1370.75	-1217.25	-1320.84	18.74	176.34	1167.77
3124	2.10	13.38	17.16	-1295.75	-1152.14	-1268.85	10.99	291.53	1086.89
3125	2.93	13.27	17.16	-1210.36	-1001.82	-1123.52	7.23	438.54	915.56
3126	3.75	13.12	17.16	-1032.55	-785.32	-940.42	29.52	460.77	687.35
3127	4.56	12.93	17.16	-840.71	-579.75	-778.47	76.40	448.40	455.49
3128	5.36	12.71	17.16	-582.32	-422.06	-606.78	119.24	330.06	258.53
3129	6.15	12.45	17.16	-363.32	-313.40	-465.81	120.41	226.92	136.02
3130	6.92	12.16	17.16	-180.02	-229.59	-350.07	112.26	127.88	51.34
3131	7.67	11.84	17.16	-25.32	-173.67	-254.68	90.79	27.03	5.80
3132	0.43	14.50	17.16	-980.35	-190.75	-448.30	22.27	5.14	-8.57
3133	1.29	14.45	17.16	-948.22	-196.33	-440.65	79.86	-1.74	-10.54
3134	2.14	14.36	17.16	-884.18	-199.43	-416.57	124.12	-1.35	-17.05
3135	2.99	14.22	17.16	-788.99	-193.20	-381.49	152.06	-3.72	-27.25
3136	3.83	14.04	17.16	-677.25	-176.17	-330.94	168.74	-4.07	-43.72
3137	4.66	13.81	17.16	-540.29	-153.35	-265.35	177.04	-22.24	-63.58
3138	5.47	13.54	17.16	-395.99	-133.92	-198.38	173.05	-52.78	-76.42
3139	6.26	13.22	17.16	-252.90	-118.36	-134.01	155.44	-96.50	-76.62
3140	7.04	12.87	17.16	-129.18	-104.87	-77.03	125.67	-137.97	-63.20
3141	7.79	12.47	17.16	-27.43	-91.49	-28.27	90.93	-176.45	-40.68
3142	11.39	9.32	17.16	186.83	-27.97	36.15	-86.59	-239.78	124.66
3143	10.90	9.94	17.16	176.37	-33.50	43.70	-65.62	-247.85	105.50
3144	10.37	10.54	17.16	160.12	-40.66	51.59	-43.72	-254.45	82.61
3145	10.70	9.28	17.16	267.94	-101.36	-90.02	-91.59	-141.34	58.10
3146	10.35	9.82	17.16	243.33	-95.49	-86.02	-63.22	-149.74	46.75
3147	9.98	10.34	17.16	212.37	-91.05	-78.80	-36.19	-158.51	34.96
3148	10.02	9.23	17.16	292.00	-182.27	-165.96	-104.26	-37.78	60.90
3149	9.81	9.70	17.16	266.65	-164.89	-164.52	-71.32	-52.64	44.93
3150	9.58	10.15	17.16	233.33	-148.05	-156.64	-40.72	-64.46	32.04
3151	8.50	12.04	17.16	49.40	-79.30	7.52	53.89	-208.64	-12.22
3152	8.34	11.50	17.16	78.37	-140.09	-186.33	58.58	-48.20	-8.58
3153	8.19	10.96	17.16	74.18	-234.99	-280.70	26.05	86.80	50.72
3154	9.16	11.58	17.16	102.48	-67.49	30.49	17.64	-233.07	20.76
3155	8.93	11.15	17.16	141.47	-118.89	-136.42	25.37	-100.86	-0.44
3156	8.71	10.73	17.16	150.80	-192.42	-224.20	7.73	14.08	30.56
3157	9.79	11.08	17.16	136.49	-53.77	49.84	-15.21	-247.71	55.63
3158	9.50	10.79	17.16	179.95	-99.70	-92.29	-6.64	-141.38	17.18
3159	9.22	10.49	17.16	198.80	-159.41	-175.95	-15.29	-47.20	26.30
3160	8.25	9.30	15.47	-1175.19	-313.83	-1471.49	-628.78	1472.01	843.84
3161	8.99	9.27	15.47	-844.70	-180.78	-1069.75	-492.59	998.90	610.00
3162	9.73	9.24	15.47	-566.80	-74.87	-798.86	-373.38	639.57	452.23
3163	8.35	9.90	15.47	-957.29	-232.59	-1285.47	-570.42	1190.32	734.59
3164	8.99	9.82	15.47	-709.40	-129.42	-995.40	-450.54	847.34	552.28
3165	9.63	9.72	15.47	-497.09	-46.94	-777.10	-349.81	574.41	423.67
3166	8.43	10.50	15.47	-739.42	-147.93	-1124.17	-498.40	933.81	617.37
3167	8.98	10.36	15.47	-570.60	-76.08	-918.20	-405.10	701.80	490.21
3168	9.53	10.20	15.47	-416.28	-16.62	-749.78	-323.28	503.19	391.48

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]
3169	0.40	9.53	15.47	-2021.50	-110.03	-13579.30	298.94	-528.23	-592.91
3170	1.19	9.53	15.47	-1251.53	-185.29	-14172.10	671.38	-256.39	-257.43
3171	1.99	9.52	15.47	-804.60	-269.44	-14750.10	561.30	232.00	327.37
3172	2.78	9.50	15.47	-677.82	-162.88	-14750.40	544.52	1500.57	1248.63
3173	3.57	9.49	15.47	-244.53	58.25	-12817.30	283.12	3179.56	2176.99
3174	4.36	9.46	15.47	165.67	-367.39	-11081.10	338.10	3497.49	2999.45
3175	5.15	9.44	15.47	-1957.36	-805.67	-8582.65	-555.32	4885.36	2762.89
3176	5.93	9.41	15.47	-2059.23	-743.06	-5315.99	-904.15	3969.49	2244.63
3177	6.71	9.37	15.47	-1931.17	-638.84	-3331.55	-917.09	2996.18	1651.85
3178	7.50	9.33	15.47	-1556.51	-465.51	-2143.11	-774.46	2118.15	1166.67
3179	0.41	10.60	15.47	-1240.50	915.79	-14339.00	164.44	-102.66	2413.36
3180	1.23	10.59	15.47	-937.19	676.55	-14595.80	341.75	356.16	2799.02
3181	2.05	10.56	15.47	-400.27	404.57	-13974.50	341.74	1585.13	3408.96
3182	2.86	10.52	15.47	-82.16	370.20	-13179.50	755.23	2235.28	3758.47
3183	3.67	10.46	15.47	-673.79	567.75	-11060.00	43.89	4009.87	3288.44
3184	4.47	10.39	15.47	-714.19	-129.19	-8382.46	-719.05	3810.68	3315.34
3185	5.27	10.31	15.47	-2001.91	-925.91	-6057.37	-1227.47	4066.46	2974.07
3186	6.07	10.22	15.47	-1896.08	-748.88	-3848.49	-1094.11	3150.98	2092.61
3187	6.85	10.12	15.47	-1587.69	-541.58	-2546.39	-909.26	2324.29	1455.47
3188	7.63	10.00	15.47	-1257.57	-364.91	-1755.29	-722.90	1668.09	1011.05
3189	0.42	11.67	15.47	-648.50	482.58	-11734.70	72.48	106.22	5089.38
3190	1.26	11.65	15.47	-391.80	394.72	-11639.30	31.54	807.97	5133.03
3191	2.10	11.60	15.47	2.34	349.66	-10669.60	-251.71	1985.40	4835.62
3192	2.94	11.53	15.47	-217.79	-663.22	-9571.29	-589.40	2486.38	4942.35
3193	3.76	11.44	15.47	-1380.97	-1735.92	-8056.82	-1197.59	3476.01	4797.47
3194	4.58	11.33	15.47	-1489.32	-1395.00	-5780.75	-1391.40	3379.78	3637.25
3195	5.39	11.19	15.47	-1453.21	-931.13	-3991.33	-1259.54	2838.93	2527.41
3196	6.20	11.04	15.47	-1423.11	-663.86	-2789.70	-1060.51	2282.37	1754.37
3197	6.99	10.87	15.47	-1203.58	-427.36	-1980.70	-827.34	1724.69	1204.06
3198	7.77	10.68	15.47	-949.30	-255.81	-1451.27	-633.55	1262.03	834.55
3199	0.43	12.74	15.47	-454.94	-2465.70	-7181.21	-47.16	172.98	5469.64
3200	1.30	12.71	15.47	-356.83	-2488.07	-7068.48	-312.53	768.00	5407.19
3201	2.16	12.64	15.47	-356.36	-2452.48	-6654.03	-708.53	1434.46	5121.75
3202	3.01	12.55	15.47	-573.59	-2059.38	-5638.81	-1123.63	2078.89	4322.81
3203	3.85	12.42	15.47	-740.01	-1560.13	-4410.52	-1185.17	2164.26	3351.27
3204	4.69	12.26	15.47	-940.04	-1210.08	-3458.62	-1176.51	2083.61	2573.48
3205	5.51	12.08	15.47	-981.23	-815.11	-2674.20	-1056.08	1856.18	1882.36
3206	6.32	11.86	15.47	-917.25	-495.59	-2036.98	-866.58	1536.19	1323.35
3207	7.12	11.62	15.47	-802.29	-283.15	-1552.63	-680.50	1208.10	922.19
3208	7.90	11.35	15.47	-642.76	-138.43	-1190.12	-517.36	905.67	646.63
3209	0.44	13.81	15.47	8.22	-1810.18	-3520.03	-65.39	124.76	3071.55
3210	1.33	13.77	15.47	14.60	-1780.64	-3449.57	-279.20	451.08	3003.82
3211	2.21	13.69	15.47	-22.17	-1642.46	-3260.90	-524.30	782.18	2800.53
3212	3.08	13.56	15.47	-133.47	-1387.19	-2988.68	-724.51	1038.78	2470.10
3213	3.94	13.40	15.47	-293.13	-1058.25	-2627.57	-825.58	1196.89	2040.14
3214	4.79	13.20	15.47	-396.08	-736.15	-2204.32	-804.61	1197.23	1588.70
3215	5.63	12.96	15.47	-457.65	-475.27	-1810.70	-730.67	1106.79	1196.59
3216	6.45	12.69	15.47	-459.49	-263.22	-1462.76	-617.90	959.70	872.00
3217	7.25	12.37	15.47	-411.99	-113.41	-1160.79	-493.86	780.68	621.31
3218	8.03	12.03	15.47	-335.23	-19.33	-906.06	-381.95	596.51	444.05
3219	0.45	14.88	15.47	387.64	-642.64	-1744.60	-41.15	68.87	1271.06
3220	1.35	14.83	15.47	387.79	-618.22	-1715.11	-149.03	216.74	1237.81
3221	2.25	14.73	15.47	365.88	-557.11	-1647.67	-259.44	361.48	1161.06
3222	3.14	14.58	15.47	309.58	-455.47	-1537.48	-355.87	490.85	1035.53
3223	4.02	14.39	15.47	224.79	-327.26	-1390.23	-414.29	579.68	871.25
3224	4.89	14.14	15.47	130.29	-198.80	-1216.18	-424.88	616.23	690.21
3225	5.73	13.85	15.47	55.62	-89.58	-1025.25	-395.50	595.01	517.50
3226	6.56	13.51	15.47	6.37	-7.12	-836.06	-345.90	530.38	372.75
3227	7.37	13.13	15.47	-14.10	49.37	-659.71	-287.02	437.35	262.19
3228	8.16	12.70	15.47	-8.85	80.41	-501.06	-230.39	328.85	187.40
3229	11.87	9.34	15.47	64.62	89.07	-89.13	-133.90	-84.74	246.82
3230	11.37	10.00	15.47	69.13	90.20	-108.97	-133.02	-58.18	212.28
3231	10.83	10.64	15.47	71.69	92.21	-133.10	-132.20	-21.52	176.06
3232	11.16	9.29	15.47	-120.57	66.49	-370.48	-185.80	118.88	283.09
3233	10.80	9.87	15.47	-108.42	70.99	-380.97	-185.27	130.21	266.35
3234	10.42	10.43	15.47	-94.98	75.29	-388.96	-185.29	144.86	247.40
3235	10.45	9.25	15.47	-324.64	8.56	-588.14	-267.64	349.99	344.88
3236	10.23	9.74	15.47	-293.98	21.13	-589.68	-259.33	334.89	330.61
3237	10.01	10.22	15.47	-263.86	34.21	-582.41	-252.15	324.15	315.84
3238	8.89	12.24	15.47	9.03	94.69	-371.20	-185.44	222.24	147.82
3239	8.73	11.67	15.47	-256.10	34.63	-714.90	-297.70	439.62	334.83
3240	8.56	11.09	15.47	-501.84	-51.96	-950.30	-403.08	676.41	481.64
3241	9.58	11.75	15.47	32.11	96.35	-269.48	-155.18	126.71	138.54
3242	9.34	11.30	15.47	-185.57	59.45	-572.99	-242.42	315.45	278.34
3243	9.10	10.85	15.47	-391.86	-4.93	-787.02	-330.65	518.20	392.99
3244	10.24	11.22	15.47	57.82	95.16	-183.03	-137.15	43.24	148.08
3245	9.93	10.90	15.47	-120.25	74.05	-448.05	-202.15	207.72	245.42
3246	9.63	10.59	15.47	-291.08	26.80	-644.52	-274.62	379.97	333.23
3247	8.59	9.32	13.78	-845.08	25.28	-2368.84	-465.92	1742.96	1005.52
3248	9.36	9.29	13.78	-712.61	56.58	-1852.53	-404.98	1364.95	811.23
3249	10.12	9.26	13.78	-548.89	87.20	-1468.87	-334.56	1031.55	654.31
3250	8.70	9.96	13.78	-716.68	32.11	-2145.30	-474.94	1519.54	954.01
3251	9.37	9.87	13.78	-603.84	63.49	-1759.74	-405.43	1230.15	779.49
3252	10.03	9.77	13.78	-476.21	89.83	-1453.28	-336.93	971.32	635.60
3253	8.80	10.60	13.78	-563.55	43.56	-1946.89	-460.76	1302.03	870.40
3254	9.37	10.44	13.78	-483.69	71.31	-1670.04	-396.74	1096.52	729.72
3255	9.93	10.27	13.78	-392.94	92.76	-1438.82	-334.57	903.57	605.32
3256	0.41	9.57	13.78	-167.78	764.79	-10623.40	73.72	25.52	1098.77
3257	1.24	9.56	13.78	-92.73	761.40	-10602.30	148.24	383.97	1205.02
3258	2.07	9.55	13.78	96.35	739.58	-10419.50	266.55	927.14	1418.49
3259	2.89	9.54	13.78	256.96	629.64	-9861.19	224.96	1594.98	1636.90
3260	3.72	9.52	13.78	33.48	405.94	-9050.60	138.45	2145.08	1798.05
3261	4.54	9.49	13.78	-321.46	352.96	-7836.24	-150.96	2612.81	1781.26
3262	5.36	9.46	13.78	-243.08	267.56	-6548.99	-225.56	2676.68	1762.92
3263	6.18	9.43	13.78	-664.77	77.47	-5335.33	-368.81	2785.39	1667.68
3264	6.99	9.39	13.78	-860.53	11.65	-4093.78	-471.82	2539.84	1476.05
3265	7.80	9.35	13.78	-913.25	2.30	-3098.55	-498.60	2155.02	1231.49
3266	0.43	10.71	13.78	80.83	694.20	-10203.40	67.67	102.52	2526.69
3267	1.29	10.69	13.78	191.71	661.45	-10035.40	87.51	657.23	2591.52

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]
3268	2.14	10.66	13.78	186.85	553.01	-9685.39	45.21	1186.56	2652.89
3269	2.99	10.61	13.78	130.74	374.59	-8952.80	-238.73	1839.10	2612.71
3270	3.83	10.55	13.78	26.18	111.96	-7992.99	-309.00	2219.96	2544.07
3271	4.67	10.48	13.78	-342.63	18.52	-6883.82	-346.46	2577.68	2354.12
3272	5.50	10.39	13.78	-401.08	63.85	-5648.96	-471.00	2602.54	2102.77
3273	6.33	10.30	13.78	-699.15	-11.67	-4506.59	-582.24	2530.89	1808.03
3274	7.15	10.19	13.78	-812.94	-22.63	-3482.37	-588.81	2227.16	1476.84
3275	7.96	10.06	13.78	-798.37	0.75	-2696.68	-540.98	1859.06	1180.60
3276	0.44	11.85	13.78	301.75	69.69	-8660.71	-1.97	174.99	3438.74
3277	1.33	11.82	13.78	325.93	17.15	-8448.42	-110.69	748.77	3406.66
3278	2.20	11.76	13.78	209.10	-115.23	-8048.34	-218.33	1232.21	3347.09
3279	3.07	11.69	13.78	130.98	-49.53	-7397.15	-343.63	1722.85	3131.50
3280	3.94	11.59	13.78	123.23	100.11	-6526.16	-478.64	2059.61	2795.88
3281	4.79	11.47	13.78	-212.19	-30.80	-5590.81	-597.68	2290.85	2493.09
3282	5.64	11.33	13.78	-471.69	-118.69	-4601.51	-688.36	2293.83	2138.06
3283	6.47	11.17	13.78	-603.14	-90.43	-3695.59	-684.94	2121.32	1740.68
3284	7.30	10.98	13.78	-657.27	-44.01	-2945.77	-627.14	1856.21	1377.52
3285	8.11	10.78	13.78	-629.87	5.94	-2355.26	-540.54	1556.79	1077.34
3286	0.45	12.99	13.78	483.52	-300.62	-6590.79	-44.71	176.57	3544.63
3287	1.36	12.95	13.78	466.10	-297.20	-6441.61	-207.31	646.57	3460.24
3288	2.26	12.88	13.78	401.98	-280.96	-6097.39	-366.58	1085.75	3271.49
3289	3.15	12.77	13.78	271.45	-345.14	-5637.00	-494.43	1432.86	3055.02
3290	4.04	12.64	13.78	55.05	-387.99	-5056.76	-657.30	1723.17	2758.60
3291	4.91	12.47	13.78	-133.24	-304.90	-4347.48	-732.04	1849.18	2337.35
3292	5.77	12.27	13.78	-294.61	-210.94	-3644.37	-729.86	1814.95	1903.14
3293	6.61	12.04	13.78	-399.77	-122.44	-3023.36	-679.43	1679.21	1515.29
3294	7.44	11.78	13.78	-437.45	-41.25	-2497.31	-595.11	1485.04	1185.63
3295	8.25	11.50	13.78	-423.42	20.44	-2063.29	-500.02	1265.36	918.62
3296	0.47	14.13	13.78	597.09	-745.85	-4706.63	-60.81	142.74	2920.26
3297	1.39	14.08	13.78	573.08	-719.25	-4625.85	-228.87	485.02	2850.16
3298	2.31	13.99	13.78	503.86	-662.07	-4435.83	-388.18	805.26	2690.45
3299	3.23	13.86	13.78	391.56	-565.61	-4125.73	-525.70	1076.18	2435.86
3300	4.13	13.69	13.78	252.56	-447.70	-3737.21	-612.54	1252.86	2121.87
3301	5.02	13.47	13.78	96.61	-325.13	-3324.56	-652.76	1342.24	1789.25
3302	5.89	13.21	13.78	-34.98	-199.40	-2904.94	-637.64	1343.53	1457.25
3303	6.74	12.92	13.78	-129.34	-92.12	-2503.28	-583.66	1269.57	1153.82
3304	7.58	12.59	13.78	-182.55	-9.67	-2138.74	-508.82	1146.06	896.21
3305	8.39	12.22	13.78	-196.44	48.62	-1817.23	-427.50	994.70	687.98
3306	0.47	15.27	13.78	761.29	-490.24	-3581.87	-52.58	99.52	1662.38
3307	1.42	15.22	13.78	742.04	-466.60	-3535.23	-173.82	320.51	1619.11
3308	2.36	15.11	13.78	691.27	-414.30	-3427.07	-287.90	529.93	1523.17
3309	3.29	14.95	13.78	606.47	-337.94	-3260.23	-382.19	710.81	1379.66
3310	4.21	14.74	13.78	494.73	-246.16	-3039.08	-445.86	848.10	1199.22
3311	5.12	14.48	13.78	372.38	-150.59	-2775.79	-472.72	927.76	1000.07
3312	6.00	14.16	13.78	253.44	-62.69	-2490.74	-466.15	949.36	802.71
3313	6.87	13.80	13.78	153.44	10.85	-2200.50	-432.54	918.32	621.66
3314	7.71	13.39	13.78	80.00	65.33	-1918.78	-382.84	844.92	468.25
3315	8.52	12.94	13.78	34.36	100.86	-1656.74	-327.68	742.09	347.43
3316	12.36	9.36	13.78	-1.25	118.09	-701.10	-157.84	209.53	258.42
3317	11.85	10.07	13.78	4.93	121.47	-800.73	-167.48	259.97	228.77
3318	11.29	10.74	13.78	11.54	125.46	-914.68	-179.58	321.32	201.20
3319	11.62	9.31	13.78	-181.61	119.72	-921.94	-204.89	467.20	394.21
3320	11.25	9.92	13.78	-158.50	118.96	-990.18	-217.54	491.33	377.63
3321	10.86	10.52	13.78	-132.24	118.21	-1065.81	-230.14	518.55	358.95
3322	10.87	9.26	13.78	-365.76	108.44	-1173.49	-263.88	731.99	518.36
3323	10.66	9.79	13.78	-322.94	108.47	-1206.47	-272.77	722.41	506.24
3324	10.43	10.30	13.78	-278.10	108.24	-1238.22	-281.02	716.23	489.88
3325	9.29	12.45	13.78	11.97	121.05	-1427.06	-276.03	629.14	263.74
3326	9.11	11.83	13.78	-186.50	84.97	-1562.45	-356.77	848.72	540.35
3327	8.93	11.22	13.78	-381.86	61.22	-1753.84	-419.72	1072.44	734.22
3328	10.00	11.92	13.78	4.66	128.72	-1229.05	-233.88	518.78	215.53
3329	9.74	11.44	13.78	-165.78	104.37	-1363.57	-302.23	719.86	445.56
3330	9.49	10.96	13.78	-334.56	85.70	-1536.09	-360.38	921.83	616.35
3331	10.68	11.36	13.78	9.28	130.25	-1054.36	-200.59	411.79	191.60
3332	10.36	11.02	13.78	-136.37	115.45	-1186.67	-256.40	597.17	374.75
3333	10.04	10.69	13.78	-280.73	101.34	-1344.89	-308.99	779.31	523.27
3334	8.93	9.34	12.09	-483.51	131.93	-2769.91	-319.20	1608.40	938.71
3335	9.73	9.31	12.09	-459.55	119.52	-2329.75	-299.61	1371.87	799.31
3336	10.52	9.27	12.09	-396.22	113.35	-1982.84	-269.61	1130.62	669.10
3337	9.05	10.01	12.09	-420.54	100.46	-2624.50	-352.94	1467.99	922.46
3338	9.74	9.91	12.09	-395.19	99.83	-2285.78	-321.07	1276.00	782.82
3339	10.43	9.81	12.09	-346.04	100.56	-2008.02	-285.02	1083.51	655.20
3340	9.16	10.69	12.09	-338.32	71.77	-2504.01	-368.83	1318.57	864.74
3341	9.75	10.52	12.09	-321.73	81.28	-2254.92	-333.32	1175.11	743.10
3342	10.34	10.35	12.09	-289.84	87.99	-2043.75	-295.95	1027.92	628.26
3343	0.43	9.60	12.09	345.69	654.11	-8282.03	36.68	61.79	1347.85
3344	1.29	9.60	12.09	369.71	627.67	-8194.42	59.85	466.63	1392.50
3345	2.15	9.58	12.09	366.05	574.78	-7945.96	38.04	873.16	1443.58
3346	3.01	9.57	12.09	302.22	506.87	-7556.18	5.70	1251.87	1488.72
3347	3.87	9.55	12.09	239.48	450.08	-7001.16	-65.35	1606.23	1505.40
3348	4.72	9.52	12.09	122.62	348.88	-6317.65	-106.75	1881.79	1506.66
3349	5.57	9.49	12.09	-116.58	270.18	-5536.16	-197.11	2049.90	1453.84
3350	6.42	9.46	12.09	-230.07	233.79	-4735.08	-257.93	2052.88	1353.23
3351	7.27	9.42	12.09	-367.02	185.11	-3998.40	-300.62	1984.40	1225.63
3352	8.11	9.37	12.09	-453.59	152.19	-3327.15	-321.30	1823.05	1081.96
3353	0.45	10.81	12.09	476.94	495.67	-7878.87	7.99	121.71	2125.37
3354	1.34	10.79	12.09	458.00	464.85	-7759.13	-30.88	544.74	2121.98
3355	2.23	10.75	12.09	436.94	419.65	-7462.41	-88.40	967.27	2093.20
3356	3.12	10.70	12.09	357.30	364.49	-7014.76	-117.93	1335.72	2051.04
3357	4.00	10.64	12.09	220.92	322.82	-6428.67	-206.96	1649.40	1967.77
3358	4.87	10.56	12.09	96.99	262.64	-5735.70	-301.89	1855.10	1828.95
3359	5.73	10.47	12.09	-109.13	181.90	-5011.13	-348.22	1953.88	1655.30
3360	6.59	10.37	12.09	-231.48	145.79	-4298.48	-376.43	1927.71	1470.81
3361	7.44	10.25	12.09	-344.89	118.34	-3648.69	-389.57	1830.07	1278.72
3362	8.28	10.12	12.09	-408.12	104.80	-3074.03	-378.52	1661.54	1086.35
3363	0.46	12.02	12.09	570.88	174.95	-6974.46	-18.25	145.64	2625.76
3364	1.39	11.99	12.09	540.18	160.13	-6858.21	-102.22	554.41	2593.01
3365	2.30	11.93	12.09	498.19	150.55	-6584.65	-196.97	948.90	2504.57
3366	3.21	11.85	12.09	393.03	101.19	-6166.40	-296.13	1292.13	2366.57

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]
3367	4.11	11.74	12.09	220.65	33.96	-5643.84	-370.48	1545.94	2188.08
3368	5.00	11.62	12.09	91.39	37.14	-5054.88	-426.25	1697.00	1963.47
3369	5.88	11.47	12.09	-55.30	45.39	-4450.06	-452.57	1761.48	1718.89
3370	6.75	11.29	12.09	-188.98	43.44	-3861.25	-460.95	1731.77	1475.79
3371	7.60	11.10	12.09	-280.73	49.98	-3322.84	-444.38	1627.60	1242.37
3372	8.44	10.88	12.09	-329.00	60.88	-2854.08	-408.81	1474.51	1028.31
3373	0.48	13.23	12.09	628.87	-237.07	-5875.62	-41.29	144.43	2666.69
3374	1.43	13.19	12.09	598.61	-235.78	-5778.36	-159.71	506.92	2616.26
3375	2.37	13.11	12.09	526.93	-231.46	-5566.29	-269.82	837.46	2505.53
3376	3.30	13.00	12.09	424.79	-193.51	-5245.06	-372.44	1121.35	2325.16
3377	4.22	12.85	12.09	304.62	-143.68	-4841.21	-439.41	1329.82	2096.98
3378	5.13	12.67	12.09	157.09	-115.47	-4397.89	-486.17	1460.44	1854.23
3379	6.02	12.46	12.09	16.55	-82.08	-3936.00	-504.57	1511.37	1600.37
3380	6.90	12.22	12.09	-97.91	-42.66	-3482.52	-492.47	1485.60	1347.44
3381	7.76	11.95	12.09	-179.23	-4.94	-3063.40	-458.50	1400.22	1112.57
3382	8.60	11.64	12.09	-224.27	27.53	-2691.41	-410.34	1275.36	904.45
3383	0.49	14.44	12.09	675.32	-441.76	-4971.83	-50.80	126.31	2257.37
3384	1.46	14.39	12.09	647.73	-425.29	-4904.23	-172.43	414.96	2206.99
3385	2.42	14.30	12.09	585.30	-390.52	-4753.89	-283.22	679.87	2098.60
3386	3.38	14.15	12.09	490.62	-345.80	-4535.79	-374.34	903.97	1945.32
3387	4.32	13.97	12.09	371.99	-288.64	-4259.53	-443.89	1079.30	1753.83
3388	5.24	13.74	12.09	247.25	-218.44	-3936.92	-481.56	1191.25	1533.69
3389	6.15	13.47	12.09	126.30	-147.93	-3593.72	-488.87	1237.94	1306.03
3390	7.04	13.15	12.09	22.63	-82.43	-3250.83	-469.97	1226.97	1087.02
3391	7.91	12.80	12.09	-55.21	-25.69	-2922.77	-432.02	1168.57	887.14
3392	8.75	12.41	12.09	-105.07	19.81	-2619.21	-383.63	1075.64	712.95
3393	0.50	15.66	12.09	695.14	-414.19	-4653.18	-48.17	101.83	1578.78
3394	1.49	15.60	12.09	673.72	-395.10	-4604.64	-150.71	319.19	1541.65
3395	2.47	15.48	12.09	623.83	-356.50	-4494.75	-244.00	522.19	1462.91
3396	3.44	15.31	12.09	548.74	-301.28	-4325.90	-321.34	699.27	1347.39
3397	4.40	15.09	12.09	454.53	-235.06	-4106.44	-376.65	838.95	1204.51
3398	5.35	14.81	12.09	349.68	-164.20	-3848.44	-407.40	935.00	1045.61
3399	6.27	14.48	12.09	245.64	-94.35	-3564.21	-413.18	984.06	881.59
3400	7.17	14.09	12.09	151.71	-31.90	-3267.45	-397.59	987.90	724.00
3401	8.05	13.66	12.09	74.87	19.49	-2970.93	-366.47	952.78	582.10
3402	8.89	13.18	12.09	18.46	58.51	-2685.43	-326.64	886.63	461.04
3403	12.84	9.38	12.09	-59.46	104.74	-1427.11	-156.61	417.80	267.87
3404	12.32	10.13	12.09	-55.43	107.20	-1590.64	-170.40	474.57	254.05
3405	11.75	10.84	12.09	-49.12	108.70	-1769.90	-187.64	538.43	246.41
3406	12.07	9.33	12.09	-187.44	103.65	-1539.90	-197.15	651.41	407.43
3407	11.70	9.98	12.09	-167.09	99.64	-1666.18	-213.44	677.29	397.51
3408	11.30	10.61	12.09	-143.21	95.51	-1804.52	-229.38	704.95	388.53
3409	11.30	9.28	12.09	-301.99	106.63	-1724.70	-233.98	886.37	538.76
3410	11.08	9.83	12.09	-267.94	99.08	-1803.87	-249.39	879.14	529.11
3411	10.85	10.37	12.09	-230.63	91.68	-1888.87	-263.12	874.26	515.94
3412	9.68	12.66	12.09	-16.94	84.97	-2422.77	-284.98	803.95	367.74
3413	9.50	12.00	12.09	-129.87	52.11	-2365.41	-335.78	973.63	580.61
3414	9.31	11.35	12.09	-238.42	51.58	-2410.83	-363.96	1148.30	749.07
3415	10.42	12.10	12.09	-37.36	100.88	-2184.29	-247.15	715.50	302.54
3416	10.15	11.58	12.09	-138.99	73.90	-2156.27	-294.18	875.10	487.85
3417	9.89	11.08	12.09	-235.08	69.59	-2204.91	-324.75	1037.80	641.35
3418	11.12	11.50	12.09	-44.70	109.40	-1965.63	-213.25	622.77	258.73
3419	10.78	11.14	12.09	-135.61	89.26	-1965.63	-255.55	774.01	413.35
3420	10.45	10.79	12.09	-220.76	82.84	-2021.00	-287.33	925.62	551.14
3421	9.27	9.35	10.41	-297.03	105.16	-2908.36	-243.22	1397.87	816.57
3422	10.09	9.32	10.41	-310.53	87.73	-2588.78	-236.68	1251.19	712.70
3423	10.92	9.29	10.41	-294.78	76.98	-2334.49	-223.04	1087.25	610.32
3424	9.40	10.06	10.41	-265.14	66.89	-2865.04	-276.73	1307.93	813.00
3425	10.12	9.96	10.41	-273.59	62.61	-2613.43	-260.04	1185.33	705.13
3426	10.83	9.86	10.41	-262.28	61.05	-2406.05	-239.25	1052.95	603.11
3427	9.52	10.78	10.41	-222.01	32.34	-2848.74	-297.37	1207.28	775.42
3428	10.13	10.60	10.41	-230.67	40.17	-2655.86	-275.55	1113.80	679.33
3429	10.74	10.42	10.41	-226.62	46.36	-2490.91	-251.83	1011.99	586.97
3430	0.45	9.64	10.41	461.91	460.58	-6669.35	6.71	73.44	1271.48
3431	1.34	9.63	10.41	454.96	445.44	-6593.58	-5.31	398.62	1282.03
3432	2.24	9.62	10.41	423.86	418.07	-6411.54	-20.58	713.37	1291.41
3433	3.13	9.60	10.41	371.56	381.58	-6120.71	-49.14	1007.93	1292.88
3434	4.02	9.58	10.41	280.67	332.88	-5735.84	-81.65	1257.93	1282.16
3435	4.90	9.55	10.41	167.39	289.00	-5279.51	-129.70	1446.63	1247.42
3436	5.79	9.52	10.41	59.85	241.27	-4779.78	-167.99	1568.95	1191.14
3437	6.67	9.48	10.41	-72.15	192.15	-4263.68	-204.04	1622.55	1115.97
3438	7.55	9.44	10.41	-173.01	156.43	-3759.97	-228.90	1598.19	1023.69
3439	8.42	9.39	10.41	-250.66	126.96	-3301.10	-241.50	1518.57	920.30
3440	0.47	10.92	10.41	520.30	295.63	-6412.01	-9.32	102.37	1762.97
3441	1.40	10.89	10.41	507.39	283.58	-6324.92	-52.20	440.53	1751.62
3442	2.33	10.85	10.41	457.50	259.37	-6124.45	-95.91	756.52	1720.21
3443	3.25	10.80	10.41	382.27	227.35	-5821.62	-150.76	1036.79	1661.29
3444	4.16	10.73	10.41	284.74	188.26	-5434.18	-195.34	1265.37	1576.44
3445	5.06	10.65	10.41	159.89	152.66	-4990.90	-232.53	1427.43	1474.20
3446	5.96	10.55	10.41	46.68	128.11	-4517.50	-267.86	1519.58	1353.19
3447	6.85	10.44	10.41	-71.51	103.34	-4044.53	-288.40	1544.63	1216.47
3448	7.73	10.32	10.41	-162.44	86.09	-3595.78	-294.95	1505.40	1075.11
3449	8.60	10.18	10.41	-228.77	73.82	-3191.51	-289.60	1420.04	935.54
3450	0.48	12.20	10.41	554.80	32.57	-5924.76	-26.44	118.23	2048.37
3451	1.45	12.16	10.41	535.00	29.01	-5843.15	-98.84	440.87	2018.53
3452	2.41	12.10	10.41	476.70	19.30	-5657.18	-167.19	738.02	1950.84
3453	3.35	12.01	10.41	392.72	14.50	-5383.94	-226.94	991.61	1849.68
3454	4.29	11.90	10.41	293.91	15.82	-5041.07	-280.66	1194.80	1717.99
3455	5.21	11.76	10.41	171.78	8.19	-4651.84	-319.77	1335.33	1564.23
3456	6.13	11.60	10.41	55.46	5.26	-4242.88	-343.25	1407.02	1397.45
3457	7.03	11.42	10.41	-47.85	9.26	-3839.58	-348.64	1419.22	1226.14
3458	7.91	11.21	10.41	-131.84	15.69	-3459.14	-340.43	1379.72	1058.53
3459	8.78	10.98	10.41	-190.90	23.90	-3114.25	-320.89	1300.01	900.51
3460	0.50	13.48	10.41	567.66	-225.55	-5388.00	-38.82	120.03	2058.31
3461	1.49	13.43	10.41	543.71	-219.14	-5322.56	-127.41	404.43	2021.57
3462	2.47	13.35	10.41	488.96	-204.47	-5173.46	-210.07	666.76	1939.45
3463	3.45	13.23	10.41	406.04	-188.45	-4953.00	-279.11	891.22	1820.49
3464	4.40	13.07	10.41	302.40	-167.91	-4677.60	-333.68	1066.97	1672.16
3465	5.35	12.88	10.41	194.56	-136.43	-4364.10	-367.25	1187.35	1501.58

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]
3466	6.28	12.66	10.41	88.54	-102.72	-4033.43	-381.18	1251.58	1321.82
3467	7.19	12.40	10.41	-7.11	-70.21	-3703.21	-377.92	1264.34	1143.38
3468	8.08	12.11	10.41	-84.30	-39.46	-3386.91	-360.07	1232.88	973.36
3469	8.95	11.79	10.41	-139.31	-12.21	-3094.71	-331.89	1166.68	816.76
3470	0.51	14.76	10.41	557.53	-394.66	-5034.96	-44.28	111.18	1817.44
3471	1.53	14.70	10.41	535.46	-381.60	-4984.86	-135.73	348.89	1782.60
3472	2.53	14.60	10.41	485.40	-354.58	-4872.09	-218.67	568.40	1707.23
3473	3.53	14.45	10.41	412.78	-313.61	-4702.43	-288.01	758.79	1595.80
3474	4.51	14.25	10.41	324.48	-263.73	-4486.65	-338.18	909.85	1457.52
3475	5.47	14.01	10.41	227.35	-211.22	-4238.51	-368.70	1017.26	1303.49
3476	6.41	13.72	10.41	131.66	-157.84	-3970.05	-379.40	1079.61	1142.28
3477	7.34	13.39	10.41	45.32	-106.63	-3693.63	-372.35	1098.76	982.39
3478	8.24	13.01	10.41	-26.07	-60.54	-3420.55	-351.36	1080.18	831.27
3479	9.11	12.60	10.41	-78.90	-21.17	-3159.23	-321.09	1031.22	694.06
3480	0.52	16.04	10.41	528.56	-379.63	-5050.20	-41.86	98.45	1463.84
3481	1.55	15.98	10.41	511.06	-364.59	-5009.29	-123.00	291.41	1434.63
3482	2.58	15.86	10.41	471.07	-334.18	-4915.72	-196.70	471.69	1373.18
3483	3.59	15.68	10.41	411.77	-291.52	-4773.63	-258.03	630.56	1284.17
3484	4.59	15.44	10.41	338.33	-239.96	-4588.82	-303.58	761.16	1173.30
3485	5.58	15.14	10.41	257.46	-183.59	-4368.95	-331.12	858.08	1047.58
3486	6.54	14.79	10.41	175.87	-127.41	-4123.70	-340.74	919.09	915.35
3487	7.47	14.38	10.41	100.16	-75.16	-3863.05	-334.41	944.96	784.36
3488	8.38	13.92	10.41	35.37	-29.64	-3596.46	-315.56	938.90	661.18
3489	9.26	13.41	10.41	-15.62	7.71	-3332.42	-288.38	905.72	550.52
3490	13.33	9.40	10.41	-97.54	75.29	-2018.31	-146.04	548.17	290.78
3491	12.79	10.19	10.41	-95.62	74.24	-2209.00	-160.21	601.81	292.71
3492	12.21	10.95	10.41	-90.71	72.29	-2412.17	-176.82	658.24	303.82
3493	12.53	9.35	10.41	-184.04	68.31	-2053.32	-178.86	728.49	398.16
3494	12.15	10.03	10.41	-167.79	62.55	-2211.73	-193.15	752.81	398.76
3495	11.74	10.69	10.41	-149.03	56.73	-2380.78	-207.24	777.76	403.63
3496	11.73	9.29	10.41	-251.58	68.98	-2157.51	-203.60	908.14	504.34
3497	11.51	9.88	10.41	-227.11	59.49	-2272.30	-217.78	903.88	501.67
3498	11.27	10.45	10.41	-198.88	50.74	-2394.28	-230.27	901.19	498.52
3499	10.08	12.86	10.41	-50.31	35.35	-3081.11	-257.87	854.93	459.11
3500	9.88	12.17	10.41	-111.61	8.46	-2931.64	-288.74	968.61	584.98
3501	9.68	11.48	10.41	-169.49	9.06	-2865.66	-302.77	1089.22	695.66
3502	10.84	12.27	10.41	-72.90	55.06	-2845.30	-228.31	794.27	387.77
3503	10.56	11.73	10.41	-130.40	30.74	-2736.17	-258.56	902.66	503.56
3504	10.28	11.19	10.41	-182.74	26.40	-2691.51	-276.03	1016.36	608.23
3505	11.56	11.64	10.41	-84.21	68.04	-2622.78	-199.92	725.70	333.38
3506	11.21	11.26	10.41	-137.86	48.12	-2554.06	-228.92	830.44	435.34
3507	10.86	10.89	10.41	-185.98	40.88	-2533.31	-248.99	938.24	532.73
3508	9.61	9.37	8.72	-215.99	39.68	-2943.63	-201.09	1209.45	704.41
3509	10.46	9.34	8.72	-242.46	30.93	-2726.28	-198.31	1118.21	625.42
3510	11.31	9.30	8.72	-248.22	28.61	-2558.75	-190.46	1011.46	546.95
3511	9.75	10.12	8.72	-199.33	8.30	-2983.69	-226.44	1151.03	710.26
3512	10.50	10.01	8.72	-219.20	10.08	-2807.62	-215.88	1073.98	627.41
3513	11.23	9.90	8.72	-224.39	14.74	-2664.81	-202.10	987.44	548.49
3514	9.88	10.87	8.72	-175.71	-18.28	-3049.25	-242.59	1084.16	692.84
3515	10.52	10.69	8.72	-192.15	-7.33	-2905.41	-227.63	1025.40	617.82
3516	11.14	10.49	8.72	-199.60	2.55	-2782.14	-211.72	959.07	545.63
3517	0.47	9.67	8.72	423.88	259.89	-5521.60	-9.86	68.13	1114.02
3518	1.39	9.66	8.72	413.78	251.00	-5467.18	-26.79	330.52	1116.59
3519	2.32	9.65	8.72	382.29	233.87	-5334.72	-47.83	581.23	1112.67
3520	3.25	9.63	8.72	327.78	209.55	-5131.52	-71.59	808.16	1100.18
3521	4.17	9.61	8.72	256.31	181.88	-4867.76	-99.26	1001.95	1076.14
3522	5.09	9.58	8.72	171.00	150.89	-4556.85	-125.49	1154.48	1040.35
3523	6.00	9.54	8.72	75.11	121.35	-4216.90	-151.87	1257.53	991.87
3524	6.91	9.50	8.72	-14.53	94.94	-3867.91	-173.50	1309.94	931.12
3525	7.82	9.46	8.72	-99.16	70.73	-3528.39	-189.62	1315.86	860.66
3526	8.73	9.41	8.72	-167.31	52.14	-3213.34	-198.79	1278.69	783.05
3527	0.49	11.02	8.72	446.19	110.00	-5424.85	-20.61	90.74	1454.25
3528	1.46	10.99	8.72	430.30	104.27	-5365.05	-59.11	356.54	1441.60
3529	2.42	10.95	8.72	391.04	93.32	-5226.79	-98.19	605.56	1409.62
3530	3.38	10.89	8.72	328.91	78.71	-5019.16	-134.11	825.79	1359.85
3531	4.32	10.82	8.72	248.65	62.97	-4756.61	-168.32	1006.23	1293.50
3532	5.26	10.73	8.72	160.19	47.09	-4455.21	-197.78	1141.58	1210.95
3533	6.19	10.63	8.72	65.48	31.53	-4133.72	-218.82	1227.46	1116.76
3534	7.11	10.52	8.72	-21.62	20.15	-3809.69	-232.50	1264.98	1015.30
3535	8.03	10.39	8.72	-98.99	12.13	-3499.04	-237.62	1259.42	909.65
3536	8.93	10.24	8.72	-159.31	8.15	-3214.08	-234.57	1216.81	803.99
3537	0.51	12.37	8.72	449.17	-80.48	-5220.36	-30.83	103.10	1646.06
3538	1.51	12.33	8.72	430.70	-80.09	-5164.77	-87.02	356.89	1622.93
3539	2.51	12.26	8.72	387.66	-79.10	-5038.16	-139.90	591.70	1571.68
3540	3.49	12.17	8.72	322.88	-78.18	-4849.66	-187.23	796.83	1494.80
3541	4.46	12.05	8.72	241.28	-76.69	-4613.19	-225.04	961.67	1397.18
3542	5.42	11.90	8.72	153.75	-71.01	-4344.78	-252.69	1081.81	1284.36
3543	6.37	11.74	8.72	64.70	-63.22	-4060.19	-269.12	1156.53	1161.79
3544	7.30	11.54	8.72	-17.62	-53.72	-3774.15	-274.94	1186.85	1035.18
3545	8.22	11.33	8.72	-87.59	-42.42	-3499.73	-270.66	1178.46	909.68
3546	9.12	11.08	8.72	-141.77	-30.25	-3246.37	-258.32	1138.51	789.55
3547	0.52	13.72	8.72	433.14	-257.50	-5027.07	-37.82	106.11	1662.62
3548	1.56	13.67	8.72	415.15	-250.62	-4980.58	-104.59	335.34	1635.25
3549	2.58	13.58	8.72	372.75	-237.75	-4874.32	-165.38	546.93	1576.10
3550	3.59	13.45	8.72	310.90	-218.22	-4716.38	-217.09	730.72	1489.31
3551	4.59	13.29	8.72	235.88	-193.65	-4517.32	-256.56	879.40	1380.81
3552	5.57	13.09	8.72	153.26	-167.10	-4289.74	-282.96	988.42	1257.80
3553	6.53	12.85	8.72	71.25	-138.65	-4046.08	-295.70	1056.76	1126.89
3554	7.47	12.58	8.72	-3.74	-109.46	-3798.11	-295.86	1086.55	994.38
3555	8.40	12.27	8.72	-67.29	-81.10	-3555.78	-285.65	1082.47	865.71
3556	9.30	11.93	8.72	-116.42	-54.83	-3326.68	-267.70	1050.52	744.68
3557	0.53	15.07	8.72	401.16	-357.04	-4969.53	-39.77	102.95	1540.52
3558	1.59	15.01	8.72	385.20	-346.09	-4931.99	-107.92	301.02	1514.21
3559	2.64	14.90	8.72	348.26	-324.33	-4845.10	-169.83	485.07	1457.85
3560	3.68	14.74	8.72	293.83	-294.05	-4714.42	-221.52	646.58	1375.98
3561	4.69	14.53	8.72	227.17	-257.22	-4547.26	-260.57	779.38	1274.10
3562	5.70	14.28	8.72	154.83	-215.81	-4352.03	-285.30	879.39	1158.30
3563	6.68	13.97	8.72	82.52	-173.08	-4138.18	-295.93	945.42	1035.44
3564	7.63	13.62	8.72	15.62	-131.55	-3914.64	-293.96	978.80	911.70

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]
3565	8.56	13.23	8.72	-41.64	-92.99	-3689.32	-281.75	982.70	792.14
3566	9.47	12.79	8.72	-86.48	-58.48	-3468.78	-262.27	961.77	680.60
3567	0.54	16.43	8.72	354.73	-354.37	-5121.42	-36.76	97.46	1378.31
3568	1.62	16.36	8.72	342.12	-342.39	-5089.82	-99.28	265.47	1354.73
3569	2.69	16.23	8.72	312.40	-318.56	-5014.75	-156.29	423.21	1305.43
3570	3.74	16.04	8.72	268.37	-284.80	-4899.24	-204.23	564.13	1233.56
3571	4.78	15.79	8.72	213.94	-244.00	-4748.00	-240.44	682.81	1143.65
3572	5.80	15.47	8.72	153.73	-199.48	-4567.02	-263.65	775.69	1041.15
3573	6.80	15.10	8.72	92.72	-154.17	-4362.96	-273.84	841.00	931.68
3574	7.78	14.67	8.72	35.38	-110.83	-4142.84	-272.22	878.88	820.71
3575	8.72	14.19	8.72	-14.74	-71.60	-3913.54	-261.01	891.21	713.19
3576	9.63	13.65	8.72	-55.42	-37.55	-3681.55	-242.93	881.02	613.02
3577	13.81	9.42	8.72	-123.61	48.35	-2445.36	-141.35	632.47	317.42
3578	13.27	10.25	8.72	-124.55	45.54	-2633.34	-148.52	679.25	329.23
3579	12.67	11.05	8.72	-121.72	37.56	-2830.43	-161.08	723.65	352.31
3580	12.98	9.37	8.72	-186.36	36.85	-2423.93	-161.92	765.35	389.82
3581	12.60	10.08	8.72	-175.70	29.62	-2589.10	-171.03	784.57	399.47
3582	12.18	10.78	8.72	-159.13	21.05	-2763.28	-181.12	802.56	416.39
3583	12.15	9.31	8.72	-231.80	30.04	-2458.49	-178.38	891.35	466.74
3584	11.93	9.92	8.72	-211.30	20.29	-2591.38	-187.86	887.39	472.45
3585	11.70	10.52	8.72	-187.65	11.30	-2730.92	-196.63	885.13	480.50
3586	10.47	13.07	8.72	-83.97	-10.60	-3455.41	-221.71	854.46	526.20
3587	10.27	12.33	8.72	-116.35	-31.36	-3270.99	-240.37	926.88	588.80
3588	10.06	11.61	8.72	-147.04	-33.69	-3142.24	-248.31	1005.64	649.10
3589	11.26	12.45	8.72	-103.42	11.06	-3238.74	-200.31	817.12	453.31
3590	10.97	11.87	8.72	-135.54	-9.37	-3096.26	-219.08	886.08	516.53
3591	10.67	11.30	8.72	-164.24	-15.99	-2998.28	-229.60	960.34	577.97
3592	12.00	11.78	8.72	-114.05	27.64	-3031.11	-179.06	771.31	393.40
3593	11.64	11.38	8.72	-146.24	9.46	-2931.36	-197.43	838.61	453.90
3594	11.27	10.98	8.72	-174.04	0.47	-2866.03	-210.13	909.61	514.86
3595	9.95	9.39	7.03	-181.01	-31.82	-2925.13	-176.55	1060.86	619.10
3596	10.83	9.35	7.03	-211.18	-27.90	-2785.55	-174.70	1005.43	558.88
3597	11.71	9.32	7.03	-229.80	-16.35	-2684.41	-168.68	938.88	498.24
3598	10.10	10.17	7.03	-172.21	-52.80	-3027.07	-192.64	1026.11	636.35
3599	10.87	10.06	7.03	-194.22	-42.05	-2908.26	-184.91	978.69	571.58
3600	11.64	9.94	7.03	-207.27	-27.62	-2814.56	-174.36	923.99	509.00
3601	10.25	10.96	7.03	-159.01	-68.40	-3150.06	-202.26	984.54	637.70
3602	10.90	10.77	7.03	-175.38	-52.62	-3043.59	-191.38	948.38	576.89
3603	11.55	10.57	7.03	-186.77	-36.90	-2952.19	-180.21	906.37	517.99
3604	0.48	9.71	7.03	332.10	78.26	-4675.08	-20.18	64.08	955.36
3605	1.45	9.70	7.03	323.34	73.43	-4637.56	-39.18	277.21	954.49
3606	2.41	9.68	7.03	296.23	63.65	-4545.81	-59.19	479.65	947.09
3607	3.36	9.66	7.03	252.90	50.16	-4404.94	-80.40	663.54	932.35
3608	4.32	9.63	7.03	195.46	34.00	-4222.97	-101.67	821.49	909.67
3609	5.27	9.60	7.03	128.14	17.08	-4010.69	-122.63	947.43	878.41
3610	6.22	9.57	7.03	56.74	0.51	-3780.14	-141.28	1038.28	838.74
3611	7.16	9.53	7.03	-15.13	-14.10	-3544.00	-156.89	1092.55	791.46
3612	8.10	9.48	7.03	-80.57	-24.99	-3314.73	-168.26	1111.36	737.67
3613	9.04	9.43	7.03	-136.88	-31.48	-3103.62	-174.84	1098.77	678.90
3614	0.51	11.12	7.03	330.61	-43.87	-4710.54	-27.63	82.64	1218.09
3615	1.51	11.09	7.03	319.08	-45.45	-4670.08	-60.74	298.42	1206.58
3616	2.51	11.05	7.03	287.74	-49.44	-4574.82	-92.69	500.38	1180.12
3617	3.50	10.99	7.03	239.73	-54.91	-4432.05	-122.70	679.75	1139.47
3618	4.49	10.91	7.03	179.26	-60.84	-4251.27	-148.96	829.94	1086.01
3619	5.46	10.82	7.03	110.61	-65.96	-4044.14	-170.43	945.82	1022.08
3620	6.42	10.71	7.03	40.47	-69.07	-3822.80	-186.56	1025.58	949.82
3621	7.38	10.59	7.03	-27.16	-69.91	-3599.23	-196.44	1069.61	871.78
3622	8.32	10.46	7.03	-86.97	-67.65	-3384.00	-200.35	1080.58	790.82
3623	9.25	10.31	7.03	-136.43	-62.07	-3185.96	-198.50	1063.28	709.38
3624	0.53	12.54	7.03	313.80	-179.36	-4702.69	-33.92	94.42	1376.04
3625	1.57	12.50	7.03	301.01	-176.47	-4664.79	-78.08	302.07	1357.57
3626	2.61	12.43	7.03	268.65	-171.98	-4576.27	-119.18	494.98	1317.59
3627	3.63	12.33	7.03	220.23	-165.47	-4444.37	-154.98	664.49	1258.80
3628	4.64	12.20	7.03	160.72	-156.71	-4278.37	-184.13	804.64	1184.45
3629	5.63	12.05	7.03	94.87	-146.18	-4088.74	-205.37	911.47	1098.34
3630	6.61	11.87	7.03	28.71	-133.56	-3886.36	-218.36	983.64	1004.67
3631	7.58	11.67	7.03	-33.18	-119.02	-3681.29	-223.30	1022.62	907.37
3632	8.53	11.44	7.03	-86.93	-102.82	-3482.13	-221.17	1031.49	809.93
3633	9.46	11.19	7.03	-130.05	-85.39	-3295.81	-213.20	1015.04	715.24
3634	0.54	13.97	7.03	283.50	-288.65	-4724.67	-37.33	100.00	1419.98
3635	1.62	13.91	7.03	271.07	-281.86	-4691.79	-87.33	290.84	1398.62
3636	2.69	13.81	7.03	240.73	-269.23	-4614.67	-133.08	468.02	1353.10
3637	3.74	13.68	7.03	195.79	-251.65	-4499.00	-171.89	624.02	1286.72
3638	4.77	13.50	7.03	140.71	-230.01	-4352.31	-201.98	753.19	1203.77
3639	5.79	13.29	7.03	80.88	-205.09	-4183.04	-222.29	852.32	1108.97
3640	6.79	13.04	7.03	21.08	-178.29	-3999.79	-232.95	920.49	1007.19
3641	7.76	12.76	7.03	-34.31	-150.72	-3810.61	-234.74	958.86	902.91
3642	8.72	12.43	7.03	-81.85	-123.20	-3622.47	-229.04	970.31	799.99
3643	9.65	12.08	7.03	-119.46	-96.33	-3441.14	-217.74	958.96	701.31
3644	0.55	15.39	7.03	242.27	-341.66	-4837.25	-36.94	101.12	1378.96
3645	1.66	15.32	7.03	231.63	-332.64	-4809.39	-87.31	270.46	1357.71
3646	2.75	15.21	7.03	205.50	-315.25	-4742.61	-133.15	428.57	1313.07
3647	3.82	15.04	7.03	166.83	-290.67	-4640.86	-171.78	569.18	1248.12
3648	4.88	14.82	7.03	119.45	-260.69	-4509.42	-201.27	687.48	1166.95
3649	5.92	14.54	7.03	67.59	-227.40	-4354.53	-220.79	780.49	1074.27
3650	6.94	14.22	7.03	15.65	-192.55	-4182.66	-230.40	847.07	974.76
3651	7.93	13.85	7.03	-32.56	-157.75	-4000.17	-231.05	887.83	872.83
3652	8.89	13.44	7.03	-74.12	-124.25	-3812.90	-224.40	904.87	772.34
3653	9.83	12.98	7.03	-107.02	-92.70	-3625.93	-212.45	901.35	676.33
3654	0.56	16.81	7.03	192.69	-335.80	-5056.89	-33.07	100.30	1314.71
3655	1.68	16.74	7.03	184.55	-326.19	-5033.21	-79.83	247.79	1294.75
3656	2.79	16.61	7.03	164.00	-307.45	-4973.53	-122.68	387.01	1253.59
3657	3.89	16.40	7.03	133.08	-281.17	-4880.24	-159.05	512.87	1193.72
3658	4.97	16.14	7.03	94.70	-249.26	-4756.76	-187.09	621.31	1118.49
3659	6.03	15.81	7.03	52.28	-213.82	-4607.37	-205.86	709.46	1031.80
3660	7.07	15.42	7.03	9.25	-177.11	-4436.92	-215.34	775.82	937.90
3661	8.08	14.96	7.03	-31.22	-141.06	-4250.50	-216.36	820.31	840.95
3662	9.05	14.45	7.03	-66.64	-107.14	-4053.18	-210.44	844.02	744.71
3663	9.99	13.89	7.03	-95.37	-75.94	-3849.93	-199.48	849.00	652.35

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]
3664	14.30	9.44	7.03	-159.13	52.27	-2768.55	-126.98	718.88	333.68
3665	13.74	10.32	7.03	-154.35	31.97	-2911.33	-139.31	742.06	344.20
3666	13.14	11.15	7.03	-139.55	15.04	-3078.40	-150.29	761.90	378.78
3667	13.44	9.38	7.03	-226.86	27.65	-2671.53	-146.75	802.39	377.29
3668	13.05	10.14	7.03	-189.93	9.54	-2824.97	-150.33	799.01	395.27
3669	12.62	10.87	7.03	-164.40	-5.84	-2993.16	-158.88	808.05	422.98
3670	12.58	9.32	7.03	-237.85	2.69	-2641.75	-159.31	866.99	436.01
3671	12.36	9.97	7.03	-208.88	-10.60	-2785.38	-163.08	861.47	449.98
3672	12.12	10.60	7.03	-182.33	-21.67	-2932.88	-168.77	859.27	468.07
3673	10.87	13.27	7.03	-115.23	-49.28	-3648.03	-186.36	839.32	569.23
3674	10.65	12.50	7.03	-129.07	-66.51	-3454.03	-198.65	884.50	594.82
3675	10.43	11.74	7.03	-143.72	-73.81	-3291.61	-205.08	934.60	621.78
3676	11.68	12.62	7.03	-128.48	-25.19	-3451.61	-173.13	819.28	495.37
3677	11.37	12.01	7.03	-143.43	-43.62	-3298.65	-184.98	860.84	527.46
3678	11.07	11.42	7.03	-158.42	-54.54	-3171.99	-192.33	907.36	560.58
3679	12.45	11.92	7.03	-134.98	-3.43	-3262.00	-160.17	791.74	430.54
3680	12.06	11.50	7.03	-151.75	-21.94	-3150.72	-170.63	831.07	466.79
3681	11.69	11.08	7.03	-168.54	-34.74	-3060.98	-178.48	875.30	504.31
3682	10.28	9.41	5.34	-156.44	-108.22	-2869.99	-169.01	956.55	559.56
3683	11.20	9.37	5.34	-177.32	-91.54	-2792.51	-168.21	922.97	513.92
3684	12.11	9.33	5.34	-190.71	-64.88	-2744.69	-164.21	878.13	465.94
3685	10.45	10.23	5.34	-154.13	-119.57	-3018.58	-177.91	942.53	590.60
3686	11.25	10.11	5.34	-167.10	-98.93	-2946.09	-173.13	913.38	538.34
3687	12.04	9.99	5.34	-173.29	-72.76	-2892.21	-166.49	876.64	486.14
3688	10.61	11.05	5.34	-150.69	-123.98	-3184.41	-181.07	921.98	609.10
3689	11.28	10.85	5.34	-158.51	-101.77	-3108.65	-174.59	899.76	556.59
3690	11.95	10.64	5.34	-162.59	-77.51	-3043.26	-168.84	871.87	504.56
3691	0.50	9.74	5.34	228.28	-78.88	-4016.77	-27.32	62.37	813.40
3692	1.50	9.73	5.34	222.06	-81.17	-3992.47	-46.57	239.09	811.71
3693	2.49	9.71	5.34	201.28	-86.32	-3930.35	-66.27	407.27	804.73
3694	3.48	9.69	5.34	167.45	-93.64	-3834.59	-85.97	560.76	792.24
3695	4.47	9.66	5.34	123.28	-102.06	-3711.42	-105.18	694.30	774.03
3696	5.45	9.63	5.34	72.15	-110.49	-3568.56	-123.02	803.91	750.10
3697	6.43	9.59	5.34	17.78	-117.60	-3414.82	-138.84	886.86	720.64
3698	7.40	9.55	5.34	-35.44	-122.20	-3259.37	-151.80	942.27	686.05
3699	8.38	9.51	5.34	-84.12	-123.13	-3111.00	-161.39	970.75	646.95
3700	9.34	9.45	5.34	-124.98	-119.05	-2977.60	-167.17	974.24	604.02
3701	0.53	11.23	5.34	208.76	-180.74	-4150.16	-32.86	79.58	1042.55
3702	1.57	11.20	5.34	200.92	-179.97	-4123.50	-61.78	259.99	1032.76
3703	2.61	11.15	5.34	177.86	-179.71	-4058.84	-89.57	429.46	1011.49
3704	3.63	11.08	5.34	142.01	-179.38	-3961.32	-115.03	581.58	979.64
3705	4.65	11.00	5.34	96.73	-178.30	-3838.00	-137.26	711.18	938.46
3706	5.66	10.90	5.34	46.21	-175.77	-3697.06	-155.43	814.90	889.40
3707	6.65	10.79	5.34	-5.57	-171.14	-3547.08	-168.95	891.00	834.19
3708	7.64	10.67	5.34	-54.34	-163.66	-3396.34	-177.68	939.51	774.58
3709	8.61	10.52	5.34	-96.93	-152.82	-3252.21	-181.69	961.99	712.20
3710	9.58	10.37	5.34	-130.78	-138.08	-3120.81	-181.40	961.21	648.61
3711	0.55	12.72	5.34	176.69	-277.45	-4278.63	-36.79	92.06	1201.83
3712	1.63	12.67	5.34	168.37	-273.26	-4253.11	-72.48	268.48	1186.59
3713	2.71	12.59	5.34	145.35	-266.39	-4191.90	-105.64	433.14	1154.97
3714	3.77	12.49	5.34	110.44	-256.87	-4099.95	-134.64	579.81	1108.84
3715	4.81	12.35	5.34	67.30	-244.71	-3983.83	-158.20	703.66	1050.66
3716	5.84	12.19	5.34	20.22	-229.93	-3850.88	-175.60	801.77	983.22
3717	6.86	12.01	5.34	-26.76	-212.71	-3708.52	-186.65	873.00	909.36
3718	7.85	11.79	5.34	-69.85	-193.16	-3563.61	-191.71	917.81	831.78
3719	8.83	11.55	5.34	-106.13	-171.33	-3422.08	-191.54	938.17	752.89
3720	9.79	11.29	5.34	-133.68	-147.42	-3288.68	-187.39	937.13	674.67
3721	0.56	14.21	5.34	135.10	-340.42	-4447.60	-37.84	100.10	1283.54
3722	1.69	14.15	5.34	127.43	-333.66	-4424.71	-76.12	265.81	1265.61
3723	2.79	14.05	5.34	106.60	-321.41	-4369.06	-111.15	420.50	1228.58
3724	3.88	13.90	5.34	75.32	-304.25	-4284.66	-140.99	558.39	1174.89
3725	4.95	13.72	5.34	37.08	-282.99	-4176.76	-164.33	675.19	1107.62
3726	6.01	13.50	5.34	-4.33	-258.61	-4051.18	-180.54	768.22	1030.23
3727	7.04	13.24	5.34	-45.10	-231.95	-3913.82	-189.69	836.48	946.19
3728	8.05	12.93	5.34	-81.98	-203.76	-3770.19	-192.50	880.52	858.77
3729	9.04	12.60	5.34	-112.44	-174.56	-3625.06	-190.17	902.14	770.77
3730	10.00	12.22	5.34	-134.90	-144.31	-3482.42	-184.30	904.13	684.39
3731	0.58	15.70	5.34	87.96	-354.19	-4680.84	-35.56	104.60	1299.36
3732	1.72	15.63	5.34	81.77	-346.33	-4660.68	-72.45	254.91	1280.85
3733	2.86	15.51	5.34	64.67	-331.50	-4609.63	-106.13	395.99	1242.87
3734	3.97	15.33	5.34	38.86	-310.74	-4530.50	-134.67	522.90	1187.80
3735	5.07	15.10	5.34	7.19	-285.31	-4427.06	-156.77	631.80	1118.72
3736	6.15	14.81	5.34	-27.14	-256.60	-4303.63	-171.84	720.22	1039.09
3737	7.20	14.48	5.34	-61.01	-225.95	-4164.78	-180.02	787.07	952.51
3738	8.23	14.09	5.34	-91.68	-194.48	-4014.96	-182.14	832.55	862.34
3739	9.22	13.65	5.34	-116.99	-162.86	-3858.27	-179.47	857.97	771.56
3740	10.19	13.17	5.34	-135.55	-131.16	-3698.45	-173.61	865.58	682.55
3741	0.58	17.20	5.34	39.26	-331.35	-4956.32	-30.54	106.86	1277.40
3742	1.75	17.12	5.34	34.98	-323.48	-4938.84	-63.95	239.45	1259.54
3743	2.90	16.98	5.34	22.25	-308.49	-4891.05	-94.73	365.22	1223.38
3744	4.04	16.77	5.34	2.62	-287.49	-4814.65	-121.06	480.11	1170.86
3745	5.16	16.49	5.34	-21.84	-261.86	-4712.14	-141.66	580.84	1104.56
3746	6.26	16.14	5.34	-48.71	-233.14	-4586.57	-155.93	665.05	1027.53
3747	7.34	15.73	5.34	-75.54	-202.77	-4441.39	-163.91	731.40	943.03
3748	8.38	15.25	5.34	-100.10	-171.99	-4280.25	-166.27	779.58	854.27
3749	9.39	14.72	5.34	-120.64	-141.63	-4106.88	-164.19	810.21	764.20
3750	10.36	14.12	5.34	-135.91	-111.74	-3924.97	-159.08	824.71	675.32
3751	14.78	9.47	5.34	-217.11	131.28	-3032.79	-177.03	864.07	266.24
3752	14.22	10.38	5.34	-127.79	60.61	-3048.82	-167.14	769.10	317.37
3753	13.60	11.25	5.34	-140.87	13.43	-3205.61	-151.48	787.83	375.85
3754	13.89	9.40	5.34	-210.64	39.21	-2806.46	-149.85	795.52	352.78
3755	13.50	10.19	5.34	-154.50	0.87	-2962.03	-156.81	800.90	382.46
3756	13.07	10.96	5.34	-147.41	-21.52	-3122.51	-157.57	812.17	421.61
3757	13.01	9.34	5.34	-201.90	-22.98	-2745.61	-157.66	829.89	412.75
3758	12.78	10.01	5.34	-172.27	-40.18	-2896.43	-160.12	836.08	435.58
3759	12.54	10.67	5.34	-156.30	-51.12	-3047.15	-162.46	841.78	461.12
3760	11.26	13.48	5.34	-144.55	-83.57	-3740.73	-153.45	825.90	592.54
3761	11.04	12.67	5.34	-146.06	-102.82	-3547.44	-167.25	860.26	604.55
3762	10.80	11.87	5.34	-147.48	-117.62	-3361.62	-177.79	892.88	612.95

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]
3763	12.10	12.79	5.34	-148.19	-54.72	-3558.28	-148.97	817.61	515.25
3764	11.78	12.16	5.34	-150.55	-75.83	-3407.31	-161.92	847.49	536.98
3765	11.46	11.53	5.34	-153.16	-94.11	-3262.12	-171.48	876.81	555.75
3766	12.89	12.06	5.34	-146.01	-23.19	-3379.25	-146.59	802.49	442.50
3767	12.49	11.61	5.34	-149.72	-46.74	-3271.74	-157.68	828.79	473.19
3768	12.10	11.18	5.34	-154.60	-68.19	-3168.26	-165.19	855.67	500.69
3769	-7.92	9.28	17.16	-111.58	-623.58	-409.95	273.29	-467.49	288.18
3770	-8.63	9.25	17.16	135.93	-423.55	-284.89	195.43	-244.66	175.09
3771	-9.33	9.23	17.16	264.48	-280.95	-208.55	152.85	-91.87	107.68
3772	-8.01	9.84	17.16	5.38	-480.98	-353.89	159.27	-335.91	211.99
3773	-8.63	9.76	17.16	167.74	-343.22	-266.30	122.39	-175.90	132.04
3774	-9.24	9.67	17.16	256.56	-241.52	-204.31	107.54	-59.10	82.48
3775	-8.10	10.40	17.16	78.79	-352.28	-309.00	67.30	-215.13	135.89
3776	-8.62	10.26	17.16	180.16	-269.10	-246.80	61.73	-107.70	91.49
3777	-9.14	10.12	17.16	241.24	-202.04	-199.85	65.20	-17.58	58.72
3778	-0.38	9.50	17.16	-2532.06	-2664.73	-13514.10	-95.29	259.89	-4903.74
3779	-1.15	9.49	17.16	-3011.79	-2696.45	-16749.40	-171.34	2280.89	-2481.13
3780	-1.91	9.48	17.16	-2686.97	-2622.19	-19555.60	-321.48	-569.67	-357.07
3781	-2.67	9.47	17.16	-2971.15	-2622.92	-20779.90	-313.39	-1254.96	258.88
3782	-3.43	9.45	17.16	-3238.44	-3048.69	-24117.90	-77.85	-2259.87	1048.55
3783	-4.19	9.43	17.16	-8221.75	-3946.04	-15692.60	2072.78	-10547.50	1271.41
3784	-4.94	9.40	17.16	-3786.24	-3768.21	-5213.48	1686.97	-4363.32	2970.07
3785	-5.70	9.38	17.16	-2604.02	-2403.06	-2603.12	1373.81	-2928.92	1802.14
3786	-6.45	9.34	17.16	-1354.17	-1397.52	-1190.26	730.51	-1544.42	832.93
3787	-7.20	9.31	17.16	-568.06	-918.71	-659.42	420.77	-841.63	458.43
3788	-0.40	10.50	17.16	-4094.40	-2404.15	-25339.40	-75.92	-323.51	970.84
3789	-1.19	10.48	17.16	-3900.22	-2615.32	-25431.40	-214.26	-552.75	1138.56
3790	-1.98	10.45	17.16	-3677.37	-3118.74	-26628.20	-210.36	-1296.04	1609.14
3791	-2.76	10.41	17.16	-6076.73	-5859.74	-21269.10	1977.85	-6860.80	5123.62
3792	-3.54	10.35	17.16	-4548.37	-8898.66	-16104.10	2487.48	-3578.14	10879.40
3793	-4.31	10.29	17.16	-6266.43	-5967.24	-9626.33	3460.68	-8135.99	6832.36
3794	-5.08	10.22	17.16	-2919.12	-2364.82	-2853.80	1163.71	-3135.42	1878.41
3795	-5.83	10.13	17.16	-1503.55	-1656.01	-1459.30	681.68	-1695.87	1101.79
3796	-6.59	10.04	17.16	-792.94	-1068.76	-841.34	416.10	-1030.30	628.88
3797	-7.33	9.93	17.16	-293.89	-696.59	-516.45	238.36	-590.82	343.43
3798	-0.41	11.50	17.16	-4298.00	-10356.30	-16142.10	308.29	-490.86	12246.70
3799	-1.23	11.47	17.16	-4292.50	-10424.10	-16305.70	795.81	-1025.80	12439.50
3800	-2.04	11.42	17.16	-4283.13	-10656.70	-16621.80	1672.63	-2266.98	13157.40
3801	-2.84	11.35	17.16	-5501.40	-7347.92	-10465.80	2994.09	-7073.32	8477.43
3802	-3.64	11.26	17.16	-2836.70	-3712.56	-3652.40	1041.90	-2929.67	3357.86
3803	-4.42	11.16	17.16	-1915.75	-2945.91	-2444.25	1021.45	-1997.07	2539.49
3804	-5.20	11.03	17.16	-1725.71	-1854.09	-1698.69	747.96	-1878.03	1577.18
3805	-5.96	10.89	17.16	-938.14	-1081.10	-951.34	307.87	-1079.77	737.67
3806	-6.72	10.73	17.16	-432.08	-729.38	-610.26	158.17	-646.77	410.80
3807	-7.46	10.56	17.16	-113.73	-492.46	-418.74	91.07	-377.73	226.30
3808	-0.42	12.50	17.16	-1976.81	-3999.48	-3052.78	80.85	-168.77	3870.36
3809	-1.26	12.46	17.16	-1980.54	-3962.58	-3021.66	237.81	-477.52	3881.53
3810	-2.09	12.39	17.16	-1961.20	-3668.45	-2602.74	436.70	-1139.18	3452.36
3811	-2.91	12.30	17.16	-1786.50	-2986.44	-2341.82	620.20	-1258.91	2841.49
3812	-3.72	12.18	17.16	-1803.09	-2101.19	-1956.18	522.01	-1568.19	1994.42
3813	-4.52	12.03	17.16	-1218.47	-1391.12	-1267.24	211.89	-1055.00	1150.51
3814	-5.30	11.86	17.16	-815.83	-999.44	-899.86	140.19	-783.91	753.73
3815	-6.08	11.66	17.16	-530.63	-665.73	-653.88	59.35	-596.00	443.86
3816	-6.84	11.44	17.16	-226.91	-444.08	-464.70	-6.03	-364.38	224.59
3817	-7.58	11.19	17.16	-12.37	-313.61	-340.35	-13.35	-193.70	113.62
3818	-0.43	13.50	17.16	-1381.86	-1224.30	-1344.26	-25.79	-69.94	1196.66
3819	-1.28	13.45	17.16	-1334.80	-1207.28	-1298.65	-47.87	-199.57	1147.02
3820	-2.13	13.37	17.16	-1236.13	-1142.74	-1235.97	-41.17	-305.60	1060.29
3821	-2.96	13.26	17.16	-1132.50	-998.10	-1089.01	-32.74	-438.47	891.76
3822	-3.79	13.10	17.16	-944.43	-787.84	-907.01	-44.92	-454.61	670.34
3823	-4.60	12.92	17.16	-752.32	-584.81	-747.08	-78.96	-436.51	446.35
3824	-5.40	12.69	17.16	-500.61	-426.95	-579.41	-112.64	-317.43	256.56
3825	-6.18	12.44	17.16	-289.66	-318.55	-443.28	-106.61	-214.11	140.31
3826	-6.95	12.15	17.16	-117.69	-233.85	-332.64	-92.37	-116.89	61.49
3827	-7.70	11.82	17.16	24.62	-175.46	-242.12	-67.64	-19.88	19.76
3828	-0.43	14.50	17.16	-970.78	-190.56	-445.73	-43.06	12.29	-8.63
3829	-1.30	14.45	17.16	-920.32	-197.01	-433.76	-101.30	22.62	-8.11
3830	-2.15	14.36	17.16	-839.29	-203.00	-408.10	-143.46	25.40	-11.24
3831	-3.00	14.22	17.16	-730.20	-199.66	-372.81	-165.86	28.98	-17.10
3832	-3.84	14.03	17.16	-609.96	-184.28	-323.46	-174.33	29.01	-29.02
3833	-4.67	13.80	17.16	-470.60	-161.00	-260.17	-173.71	44.64	-45.24
3834	-5.48	13.53	17.16	-329.22	-139.29	-195.71	-162.10	71.80	-55.89
3835	-6.27	13.22	17.16	-191.90	-120.88	-133.96	-139.27	112.03	-55.13
3836	-7.05	12.86	17.16	-75.39	-104.56	-79.72	-105.90	150.21	-41.34
3837	-7.80	12.46	17.16	18.05	-88.03	-33.70	-69.17	185.20	-19.06
3838	-11.39	9.32	17.16	199.04	-11.66	26.46	105.28	232.75	135.18
3839	-10.90	9.94	17.16	192.69	-18.88	33.18	85.32	242.99	118.42
3840	-10.38	10.53	17.16	180.91	-27.65	40.19	64.31	251.99	97.65
3841	-10.71	9.27	17.16	279.76	-89.85	-85.76	113.45	134.65	68.24
3842	-10.36	9.81	17.16	259.88	-85.57	-82.70	85.81	144.60	58.86
3843	-9.99	10.33	17.16	233.79	-82.45	-76.85	59.15	155.17	49.04
3844	-10.03	9.23	17.16	306.28	-174.05	-154.48	127.87	34.42	67.56
3845	-9.82	9.69	17.16	285.31	-158.30	-153.83	95.50	49.87	53.69
3846	-9.60	10.14	17.16	256.64	-142.56	-147.09	65.01	62.38	42.97
3847	-8.51	12.03	17.16	87.46	-73.18	-0.25	-31.54	213.94	8.07
3848	-8.36	11.49	17.16	118.88	-139.28	-177.67	-34.35	51.90	6.72
3849	-8.21	10.95	17.16	116.92	-234.96	-263.61	-1.51	-80.75	58.19
3850	-9.16	11.57	17.16	133.93	-58.63	21.03	4.56	235.52	39.57
3851	-8.95	11.14	17.16	174.41	-115.10	-130.73	-1.14	101.89	15.27
3852	-8.73	10.72	17.16	185.36	-190.70	-210.48	17.25	-11.53	40.63
3853	-9.80	11.08	17.16	162.23	-42.60	38.83	36.63	247.55	72.56
3854	-9.51	10.78	17.16	206.63	-92.98	-89.60	30.18	140.09	32.56
3855	-9.23	10.48	17.16	226.77	-155.15	-165.49	39.82	47.07	37.97
3856	-8.26	9.30	15.47	-1113.11	-264.55	-1361.94	565.70	-1384.94	765.01
3857	-8.99	9.27	15.47	-795.83	-150.30	-989.99	443.37	-935.65	558.52
3858	-9.73	9.24	15.47	-531.40	-59.10	-739.47	336.75	-595.22	420.62
3859	-8.36	9.90	15.47	-908.30	-194.92	-1195.61	517.80	-1120.37	674.64
3860	-9.00	9.81	15.47	-670.02	-105.76	-925.57	408.60	-793.44	511.75
3861	-9.64	9.72	15.47	-467.51	-34.73	-722.70	317.29	-533.83	397.97



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]
3862	-8.45	10.50	15.47	-703.47	-121.87	-1051.75	456.27	-877.89	575.29
3863	-9.00	10.35	15.47	-540.61	-59.53	-858.51	370.15	-655.87	460.61
3864	-9.54	10.20	15.47	-392.82	-8.50	-701.18	294.98	-466.02	372.01
3865	-0.40	9.53	15.47	-2026.11	-101.34	-13454.40	-242.91	54.08	-610.13
3866	-1.20	9.53	15.47	-1289.47	-166.60	-13822.00	-617.80	-176.08	-310.33
3867	-1.99	9.52	15.47	-838.38	-231.23	-14193.60	-505.88	-607.62	235.09
3868	-2.78	9.50	15.47	-751.59	-124.80	-14019.80	-479.77	-1784.50	1090.24
3869	-3.58	9.48	15.47	-392.17	92.70	-12080.00	-228.00	-3261.74	1940.79
3870	-4.37	9.46	15.47	13.08	-293.42	-10349.10	-275.59	-3492.53	2694.10
3871	-5.15	9.43	15.47	-1943.12	-670.51	-7976.98	504.41	-4694.50	2453.76
3872	-5.94	9.40	15.47	-2008.12	-625.59	-4928.02	816.67	-3782.46	2006.94
3873	-6.72	9.37	15.47	-1854.84	-541.63	-3085.12	826.47	-2837.90	1480.84
3874	-7.50	9.33	15.47	-1482.92	-394.18	-1984.29	697.07	-1999.46	1049.94
3875	-0.41	10.60	15.47	-1255.89	921.01	-14222.70	-84.73	-302.13	2381.62
3876	-1.24	10.58	15.47	-983.35	691.76	-14263.50	-259.11	-716.27	2701.79
3877	-2.06	10.55	15.47	-490.48	429.34	-13516.60	-253.11	-1839.52	3230.03
3878	-2.88	10.51	15.47	-187.57	396.56	-12598.40	-648.91	-2424.01	3505.40
3879	-3.69	10.45	15.47	-786.56	590.42	-10493.50	-5.42	-4021.41	3025.85
3880	-4.49	10.38	15.47	-798.69	-53.98	-7878.26	689.79	-3743.34	3046.70
3881	-5.29	10.30	15.47	-1975.88	-795.35	-5671.06	1143.96	-3917.30	2716.05
3882	-6.08	10.21	15.47	-1842.36	-640.29	-3590.17	1008.14	-3010.07	1903.66
3883	-6.87	10.11	15.47	-1528.32	-461.95	-2371.72	831.35	-2207.73	1323.95
3884	-7.65	10.00	15.47	-1200.20	-309.12	-1633.46	657.69	-1576.76	922.19
3885	-0.43	11.67	15.47	-671.80	491.85	-11648.20	33.21	-408.93	5043.97
3886	-1.28	11.64	15.47	-456.58	418.72	-11398.00	63.65	-1063.41	5004.74
3887	-2.12	11.59	15.47	-99.60	377.23	-10359.60	319.13	-2135.99	4661.05
3888	-2.96	11.52	15.47	-302.22	-574.17	-9201.59	631.21	-2579.17	4704.45
3889	-3.79	11.43	15.47	-1416.67	-1574.58	-7677.63	1187.92	-3472.70	4509.04
3890	-4.61	11.31	15.47	-1506.87	-1246.86	-5469.58	1336.60	-3305.04	3388.83
3891	-5.42	11.18	15.47	-1445.24	-820.29	-3761.06	1188.27	-2744.82	2343.38
3892	-6.22	11.03	15.47	-1387.18	-578.38	-2621.53	989.04	-2187.11	1620.86
3893	-7.01	10.86	15.47	-1160.97	-367.07	-1857.63	765.24	-1641.57	1111.43
3894	-7.79	10.67	15.47	-908.48	-215.97	-1359.06	582.30	-1193.57	772.43
3895	-0.44	12.74	15.47	-472.95	-2441.37	-7135.52	153.42	-345.36	5431.14
3896	-1.31	12.70	15.47	-401.45	-2417.61	-6942.53	402.46	-912.59	5297.96
3897	-2.18	12.64	15.47	-409.33	-2342.85	-6470.94	764.91	-1526.88	4960.72
3898	-3.03	12.54	15.47	-622.07	-1939.33	-5452.26	1138.37	-2108.14	4152.64
3899	-3.88	12.41	15.47	-775.56	-1445.53	-4240.96	1171.26	-2156.85	3193.55
3900	-4.72	12.25	15.47	-953.45	-1105.33	-3304.46	1140.00	-2046.05	2432.24
3901	-5.54	12.07	15.47	-976.21	-733.05	-2541.84	1006.93	-1798.20	1768.98
3902	-6.35	11.85	15.47	-899.39	-437.95	-1929.89	816.93	-1473.64	1240.95
3903	-7.14	11.61	15.47	-777.24	-244.57	-1467.62	635.88	-1149.15	865.31
3904	-7.92	11.34	15.47	-617.44	-115.02	-1122.96	479.98	-854.12	609.53
3905	-0.45	13.81	15.47	-2.11	-1796.26	-3502.53	125.51	-190.01	3054.48
3906	-1.34	13.77	15.47	-10.98	-1740.87	-3402.13	329.47	-505.12	2956.51
3907	-2.22	13.68	15.47	-55.13	-1585.43	-3192.84	554.70	-813.51	2732.73
3908	-3.10	13.56	15.47	-163.78	-1323.29	-2907.85	733.97	-1045.92	2393.25
3909	-3.96	13.39	15.47	-315.06	-996.74	-2543.58	817.28	-1181.61	1965.35
3910	-4.81	13.19	15.47	-408.79	-682.91	-2124.81	784.01	-1166.70	1523.05
3911	-5.65	12.95	15.47	-460.36	-433.84	-1738.72	702.49	-1066.18	1143.26
3912	-6.47	12.68	15.47	-454.26	-235.18	-1400.37	587.50	-914.34	832.89
3913	-7.27	12.37	15.47	-402.26	-97.18	-1109.14	465.25	-735.98	595.88
3914	-8.04	12.02	15.47	-324.15	-12.25	-864.92	356.90	-555.80	429.81
3915	-0.45	14.88	15.47	381.08	-638.60	-1737.66	60.52	-74.80	1265.73
3916	-1.36	14.83	15.47	370.87	-607.37	-1696.51	163.48	-215.86	1223.88
3917	-2.26	14.73	15.47	343.60	-541.67	-1621.66	265.79	-350.44	1141.27
3918	-3.15	14.58	15.47	286.99	-439.29	-1508.48	353.42	-468.82	1014.45
3919	-4.03	14.38	15.47	205.47	-313.41	-1361.72	404.73	-548.72	852.68
3920	-4.89	14.14	15.47	115.59	-188.92	-1190.34	410.51	-579.32	676.44
3921	-5.74	13.85	15.47	45.38	-84.53	-1003.48	378.25	-555.20	509.56
3922	-6.57	13.51	15.47	0.19	-7.27	-819.03	327.56	-490.11	370.95
3923	-7.38	13.13	15.47	-17.29	44.58	-647.81	269.29	-398.90	266.20
3924	-8.16	12.70	15.47	-10.50	72.09	-494.43	214.24	-294.26	196.18
3925	-11.87	9.34	15.47	62.55	76.88	-94.53	123.90	90.79	251.02
3926	-11.37	10.00	15.47	66.78	77.23	-114.94	122.70	68.17	220.15
3927	-10.84	10.64	15.47	69.12	78.74	-139.76	121.54	35.76	187.10
3928	-11.16	9.29	15.47	-111.73	61.28	-348.17	169.68	-101.73	277.81
3929	-10.80	9.87	15.47	-101.06	64.86	-360.74	169.56	-110.96	264.11
3930	-10.42	10.43	15.47	-89.01	68.29	-371.41	169.98	-123.41	248.19
3931	-10.45	9.25	15.47	-303.11	12.47	-546.13	242.49	-320.72	328.50
3932	-10.24	9.74	15.47	-275.60	23.40	-550.56	235.91	-305.81	317.52
3933	-10.01	10.22	15.47	-248.51	34.69	-546.98	230.31	-295.21	306.26
3934	-8.90	12.24	15.47	7.89	83.86	-369.25	171.10	-192.58	159.32
3935	-8.74	11.66	15.47	-245.86	35.31	-682.43	276.24	-404.02	327.94
3936	-8.57	11.08	15.47	-479.15	-38.86	-895.70	371.97	-632.40	457.31
3937	-9.58	11.75	15.47	30.68	84.05	-271.31	142.39	-102.17	151.41
3938	-9.35	11.29	15.47	-177.02	56.24	-547.20	223.75	-284.95	276.15
3939	-9.11	10.84	15.47	-372.50	1.81	-741.24	304.05	-480.40	376.52
3940	-10.24	11.22	15.47	55.63	81.77	-188.34	125.62	-24.16	160.94
3941	-9.94	10.90	15.47	-113.82	67.73	-428.78	185.85	-182.48	246.50
3942	-9.64	10.59	15.47	-275.41	28.79	-607.04	251.87	-347.97	322.91
3943	-8.59	9.32	13.78	-836.92	48.80	-2193.39	398.98	-1640.82	904.05
3944	-9.36	9.29	13.78	-700.89	67.16	-1713.59	342.95	-1276.03	732.58
3945	-10.12	9.26	13.78	-539.05	85.59	-1357.52	279.79	-957.28	594.63
3946	-8.70	9.96	13.78	-714.33	49.44	-1998.49	414.40	-1431.93	868.94
3947	-9.37	9.87	13.78	-599.37	69.93	-1636.94	348.97	-1151.52	711.56
3948	-10.03	9.77	13.78	-472.66	86.11	-1350.16	285.75	-902.83	582.43
3949	-8.80	10.59	13.78	-567.92	53.57	-1824.76	407.07	-1226.80	801.99
3950	-9.37	10.44	13.78	-486.27	73.02	-1562.36	345.79	-1026.97	672.96
3951	-9.94	10.27	13.78	-395.40	86.48	-1343.92	287.10	-840.69	559.21
3952	-0.41	9.57	13.78	-190.86	766.93	-10547.80	-10.64	-376.27	1080.04
3953	-1.24	9.56	13.78	-151.93	768.18	-10381.80	-85.53	-706.28	1146.96
3954	-2.07	9.55	13.78	-2.01	748.45	-10079.40	-206.33	-1192.07	1318.52
3955	-2.90	9.54	13.78	133.36	646.39	-9448.97	-176.52	-1776.28	1498.62
3956	-3.72	9.52	13.78	-82.58	439.84	-8597.77	-108.07	-2253.95	1629.78
3957	-4.54	9.49	13.78	-423.73	388.98	-7391.09	146.59	-2638.66	1606.40
3958	-5.36	9.46	13.78	-346.61	305.12	-6138.17	208.40	-2646.20	1584.95
3959	-6.18	9.43	13.78	-723.85	126.18	-4976.21	327.33	-2698.89	1493.27
3960	-6.99	9.39	13.78	-887.47	57.62	-3805.18	412.59	-2431.05	1321.08

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]
3961	-7.81	9.35	13.78	-916.85	38.66	-2873.41	431.27	-2043.80	1103.22
3962	-0.43	10.71	13.78	57.36	698.20	-10137.00	12.83	-382.06	2501.70
3963	-1.29	10.69	13.78	127.09	673.52	-9852.68	-12.55	-903.77	2517.02
3964	-2.14	10.66	13.78	99.91	576.26	-9404.47	16.81	-1385.30	2535.72
3965	-2.99	10.61	13.78	25.13	409.69	-8618.82	272.12	-1963.24	2468.45
3966	-3.84	10.55	13.78	-76.88	163.24	-7636.59	323.85	-2282.28	2377.27
3967	-4.68	10.48	13.78	-430.05	73.24	-6533.72	344.51	-2578.68	2177.66
3968	-5.51	10.39	13.78	-478.40	112.51	-5328.81	445.50	-2554.61	1932.31
3969	-6.33	10.30	13.78	-743.86	36.08	-4233.10	534.43	-2448.03	1653.42
3970	-7.15	10.19	13.78	-833.23	17.93	-3259.82	530.07	-2132.25	1345.91
3971	-7.96	10.06	13.78	-803.60	29.91	-2517.43	478.88	-1764.73	1074.13
3972	-0.44	11.85	13.78	281.12	76.66	-8610.83	83.04	-371.47	3413.61
3973	-1.33	11.82	13.78	270.61	38.27	-8314.29	181.81	-918.38	3335.86
3974	-2.21	11.76	13.78	137.44	-75.65	-7844.13	274.86	-1365.15	3235.04
3975	-3.08	11.69	13.78	45.35	-5.56	-7150.85	379.10	-1802.84	2993.55
3976	-3.95	11.59	13.78	31.29	137.55	-6267.65	489.43	-2086.56	2650.62
3977	-4.80	11.47	13.78	-287.65	13.31	-5338.59	585.77	-2273.71	2344.56
3978	-5.65	11.33	13.78	-526.07	-69.68	-4370.58	655.27	-2242.32	1995.64
3979	-6.48	11.17	13.78	-639.45	-48.10	-3495.19	637.97	-2049.79	1615.33
3980	-7.30	10.98	13.78	-677.47	-12.03	-2776.21	573.35	-1776.66	1273.04
3981	-8.11	10.78	13.78	-639.45	26.21	-2212.89	485.29	-1477.44	992.99
3982	-0.46	12.99	13.78	467.80	-292.71	-6558.08	111.68	-296.76	3523.56
3983	-1.37	12.95	13.78	423.51	-276.07	-6351.59	264.96	-750.11	3401.40
3984	-2.27	12.88	13.78	340.56	-251.06	-5964.67	408.33	-1159.31	3184.24
3985	-3.16	12.77	13.78	203.25	-304.07	-5474.34	518.07	-1472.92	2945.41
3986	-4.04	12.64	13.78	-10.27	-338.92	-4880.27	658.66	-1727.05	2637.36
3987	-4.92	12.47	13.78	-191.04	-258.47	-4174.63	713.58	-1822.51	2219.34
3988	-5.77	12.27	13.78	-340.78	-171.25	-3484.32	697.29	-1767.55	1796.38
3989	-6.62	12.04	13.78	-433.30	-91.42	-2879.22	637.38	-1618.99	1422.80
3990	-7.45	11.78	13.78	-460.61	-20.79	-2369.81	548.51	-1418.98	1108.72
3991	-8.26	11.49	13.78	-438.99	30.18	-1951.51	452.42	-1198.86	856.84
3992	-0.47	14.13	13.78	585.68	-738.55	-4687.56	105.78	-202.18	2906.01
3993	-1.40	14.08	13.78	541.68	-699.03	-4572.30	267.02	-534.94	2809.66
3994	-2.32	13.99	13.78	458.62	-632.11	-4354.16	413.69	-836.99	2629.19
3995	-3.23	13.86	13.78	339.32	-531.12	-4026.62	535.55	-1085.83	2362.69
3996	-4.13	13.68	13.78	199.46	-413.19	-3629.52	607.17	-1241.80	2044.58
3997	-5.02	13.47	13.78	47.84	-294.27	-3214.33	633.81	-1313.19	1713.82
3998	-5.89	13.21	13.78	-77.02	-175.56	-2797.37	608.46	-1300.80	1388.70
3999	-6.75	12.92	13.78	-163.93	-76.76	-2401.83	547.87	-1218.35	1094.96
4000	-7.58	12.59	13.78	-210.11	-3.08	-2044.99	469.49	-1090.83	847.85
4001	-8.39	12.22	13.78	-218.42	46.69	-1731.69	387.13	-939.21	649.83
4002	-0.47	15.27	13.78	752.83	-486.98	-3570.22	69.13	-121.73	1655.97
4003	-1.42	15.22	13.78	718.25	-457.69	-3502.47	186.50	-336.79	1600.88
4004	-2.36	15.11	13.78	655.73	-401.78	-3377.33	293.14	-535.76	1495.69
4005	-3.29	14.95	13.78	563.97	-324.55	-3198.15	378.34	-704.08	1346.82
4006	-4.21	14.74	13.78	449.70	-234.53	-2969.44	432.96	-828.90	1165.05
4007	-5.12	14.48	13.78	328.18	-142.83	-2702.72	451.95	-897.94	967.87
4008	-6.00	14.16	13.78	212.37	-60.20	-2417.25	439.24	-911.48	774.77
4009	-6.87	13.80	13.78	116.66	7.38	-2128.78	401.48	-875.28	599.33
4010	-7.71	13.39	13.78	47.75	55.88	-1850.31	349.47	-799.68	451.87
4011	-8.53	12.94	13.78	6.29	85.77	-1592.26	293.46	-697.38	336.59
4012	-12.36	9.36	13.78	-14.11	86.23	-652.88	127.25	-186.63	245.74
4013	-11.85	10.07	13.78	-10.20	90.48	-751.05	136.25	-233.70	220.42
4014	-11.29	10.74	13.78	-5.99	95.76	-863.75	147.83	-291.48	196.46
4015	-11.62	9.31	13.78	-185.63	96.94	-853.75	166.73	-424.94	366.10
4016	-11.25	9.92	13.78	-166.28	96.56	-923.25	179.81	-448.78	353.52
4017	-10.86	10.52	13.78	-143.64	96.39	-1000.33	193.02	-475.74	338.70
4018	-10.88	9.26	13.78	-361.72	95.59	-1084.70	217.55	-673.24	475.39
4019	-10.66	9.79	13.78	-323.81	95.11	-1121.46	228.18	-666.06	467.46
4020	-10.43	10.30	13.78	-283.77	94.31	-1157.34	238.19	-662.26	455.56
4021	-9.29	12.45	13.78	-12.67	101.17	-1366.56	241.90	-586.86	256.89
4022	-9.12	11.83	13.78	-204.67	76.08	-1484.00	316.75	-795.38	509.98
4023	-8.94	11.22	13.78	-393.17	62.28	-1654.13	373.14	-1008.64	683.84
4024	-10.00	11.92	13.78	-17.20	104.77	-1172.27	200.33	-479.96	211.29
4025	-9.75	11.44	13.78	-181.39	89.98	-1290.75	263.18	-669.90	420.87
4026	-9.50	10.96	13.78	-343.85	80.17	-1445.13	315.43	-861.80	574.09
4027	-10.68	11.36	13.78	-10.43	102.80	-1001.12	167.96	-377.62	188.48
4028	-10.36	11.02	13.78	-150.28	96.08	-1119.31	218.74	-551.69	354.62
4029	-10.04	10.69	13.78	-288.93	89.98	-1262.12	266.05	-723.83	488.07
4030	-8.93	9.34	12.09	-509.79	130.67	-2572.62	254.90	-1520.49	842.15
4031	-9.73	9.31	12.09	-476.13	109.72	-2158.21	234.84	-1285.51	716.97
4032	-10.52	9.27	12.09	-407.75	94.70	-1831.35	207.01	-1050.80	600.12
4033	-9.04	10.02	12.09	-447.31	97.35	-2452.36	292.12	-1388.29	838.44
4034	-9.74	9.92	12.09	-415.24	88.90	-2129.38	259.98	-1197.68	710.08
4035	-10.43	9.82	12.09	-362.04	81.77	-1864.37	225.33	-1009.71	593.15
4036	-9.15	10.69	12.09	-366.70	65.85	-2352.44	311.87	-1246.71	794.40
4037	-9.75	10.53	12.09	-345.30	68.74	-2111.35	275.99	-1104.31	680.66
4038	-10.33	10.35	12.09	-309.89	68.84	-1906.85	239.24	-960.10	573.62
4039	-0.43	9.60	12.09	327.97	655.75	-8233.32	8.47	-311.60	1331.96
4040	-1.29	9.60	12.09	316.84	632.61	-8054.49	-18.15	-696.41	1345.91
4041	-2.15	9.59	12.09	285.99	584.37	-7729.45	-4.29	-1066.34	1368.70
4042	-3.01	9.57	12.09	205.13	521.51	-7281.16	16.86	-1399.62	1389.37
4043	-3.86	9.55	12.09	131.60	466.51	-6691.96	72.65	-1699.93	1387.90
4044	-4.72	9.52	12.09	15.91	370.13	-5996.57	100.09	-1923.34	1375.17
4045	-5.57	9.49	12.09	-207.78	292.34	-5223.50	171.90	-2044.51	1317.85
4046	-6.42	9.46	12.09	-308.86	251.77	-4444.85	218.07	-2012.54	1220.84
4047	-7.27	9.42	12.09	-426.48	198.62	-3737.27	248.58	-1917.25	1101.95
4048	-8.11	9.38	12.09	-494.65	159.08	-3099.01	260.95	-1740.62	970.82
4049	-0.45	10.81	12.09	460.03	498.40	-7837.52	41.91	-312.20	2108.80
4050	-1.34	10.79	12.09	410.92	473.15	-7640.80	75.43	-717.39	2074.23
4051	-2.23	10.76	12.09	363.79	432.80	-7282.28	122.51	-1106.34	2018.28
4052	-3.11	10.71	12.09	270.22	382.41	-6790.16	140.41	-1434.96	1952.83
4053	-3.99	10.65	12.09	128.28	342.64	-6179.10	212.99	-1704.87	1853.80
4054	-4.86	10.57	12.09	6.53	283.71	-5479.75	289.12	-1869.06	1707.79
4055	-5.72	10.48	12.09	-187.80	203.66	-4761.97	320.21	-1933.59	1533.52
4056	-6.58	10.38	12.09	-298.15	164.09	-4064.42	335.62	-1880.92	1353.50
4057	-7.43	10.26	12.09	-396.40	131.06	-3434.89	338.29	-1764.23	1170.30
4058	-8.28	10.13	12.09	-445.47	109.98	-2882.35	320.54	-1585.15	989.86
4059	-0.46	12.02	12.09	556.15	178.68	-6941.49	65.04	-277.72	2610.00

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]
4060	-1.38	11.99	12.09	499.82	170.88	-6765.11	143.31	-671.45	2547.24
4061	-2.29	11.94	12.09	436.03	166.00	-6443.44	226.73	-1039.01	2433.88
4062	-3.20	11.86	12.09	319.01	121.65	-5992.42	310.92	-1349.66	2277.61
4063	-4.10	11.75	12.09	144.41	59.67	-5451.13	369.98	-1571.03	2086.82
4064	-4.99	11.63	12.09	16.82	62.18	-4855.76	410.45	-1692.09	1857.50
4065	-5.87	11.48	12.09	-123.20	66.48	-4253.80	423.18	-1731.39	1614.35
4066	-6.74	11.30	12.09	-246.35	59.85	-3673.76	420.06	-1682.41	1376.83
4067	-7.59	11.11	12.09	-327.00	59.79	-3147.48	395.01	-1565.26	1152.02
4068	-8.44	10.89	12.09	-364.89	62.70	-2691.68	354.09	-1404.89	948.30
4069	-0.47	13.23	12.09	616.80	-233.05	-5851.10	78.18	-224.94	2653.23
4070	-1.42	13.19	12.09	565.19	-224.07	-5710.43	190.80	-575.53	2577.79
4071	-2.36	13.12	12.09	477.20	-212.87	-5462.56	290.90	-887.32	2446.10
4072	-3.29	13.01	12.09	364.44	-171.78	-5115.87	380.22	-1148.04	2251.48
4073	-4.21	12.86	12.09	239.75	-122.15	-4696.77	433.57	-1333.11	2015.72
4074	-5.12	12.68	12.09	93.71	-94.88	-4245.82	467.34	-1442.70	1770.03
4075	-6.01	12.47	12.09	-41.71	-64.56	-3782.30	474.01	-1475.97	1517.53
4076	-6.89	12.23	12.09	-149.21	-30.65	-3331.47	452.63	-1436.92	1269.67
4077	-7.75	11.95	12.09	-222.75	0.07	-2917.27	411.88	-1342.70	1042.12
4078	-8.59	11.65	12.09	-260.29	24.51	-2551.00	359.45	-1213.01	842.47
4079	-9.49	14.44	12.09	665.79	-438.27	-4954.50	73.36	-167.29	2247.59
4080	-1.45	14.39	12.09	620.97	-415.43	-4855.73	190.28	-448.07	2179.19
4081	-2.41	14.30	12.09	544.68	-376.05	-4679.14	293.02	-700.40	2056.30
4082	-3.37	14.16	12.09	440.90	-328.60	-4440.30	374.04	-909.38	1892.58
4083	-4.31	13.98	12.09	317.94	-271.12	-4149.22	432.55	-1068.90	1695.18
4084	-5.23	13.75	12.09	192.66	-203.33	-3817.44	459.82	-1166.42	1473.61
4085	-6.14	13.47	12.09	74.16	-137.12	-3469.24	458.13	-1201.26	1247.82
4086	-7.03	13.16	12.09	-25.16	-77.39	-3124.17	432.00	-1181.32	1032.90
4087	-7.90	12.81	12.09	-97.79	-27.51	-2795.76	388.75	-1116.98	838.49
4088	-8.74	12.41	12.09	-142.30	10.52	-2492.83	336.91	-1021.00	670.37
4089	-0.50	15.66	12.09	687.63	-412.18	-4639.76	56.30	-118.36	1573.19
4090	-1.48	15.60	12.09	652.18	-389.38	-4565.92	155.78	-331.29	1525.59
4091	-2.47	15.48	12.09	590.59	-348.44	-4433.51	243.50	-526.40	1438.47
4092	-3.44	15.31	12.09	506.97	-292.68	-4245.94	313.64	-693.57	1317.26
4093	-4.40	15.09	12.09	407.63	-227.79	-4011.79	361.18	-822.81	1171.48
4094	-5.34	14.81	12.09	300.80	-159.96	-3742.87	384.40	-909.06	1012.18
4095	-6.27	14.48	12.09	197.23	-94.55	-3451.07	383.56	-949.83	849.80
4096	-7.17	14.10	12.09	105.52	-37.51	-3149.42	362.57	-947.42	695.16
4097	-8.04	13.66	12.09	31.98	7.88	-2849.97	327.36	-908.25	556.81
4098	-8.89	13.18	12.09	-20.66	40.60	-2562.76	284.72	-840.28	439.36
4099	-12.84	9.38	12.09	-78.92	60.07	-1303.23	111.10	-383.44	237.96
4100	-12.32	10.13	12.09	-77.88	64.95	-1466.06	125.08	-437.60	230.01
4101	-11.75	10.85	12.09	-74.86	69.71	-1645.24	142.47	-498.98	226.98
4102	-12.07	9.33	12.09	-201.20	67.55	-1412.59	144.64	-597.58	364.63
4103	-11.70	9.98	12.09	-185.01	65.42	-1539.92	162.02	-624.79	360.15
4104	-11.30	10.61	12.09	-165.33	63.55	-1679.32	179.29	-653.72	356.05
4105	-11.30	9.28	12.09	-312.61	79.07	-1587.89	175.65	-817.53	483.13
4106	-11.08	9.83	12.09	-283.19	72.54	-1670.48	193.03	-814.20	478.83
4107	-10.85	10.38	12.09	-250.42	66.21	-1758.68	208.86	-812.97	471.01
4108	-9.68	12.66	12.09	-52.45	61.15	-2299.18	241.28	-757.59	348.71
4109	-9.49	12.00	12.09	-162.53	36.07	-2239.80	287.14	-918.28	542.92
4110	-9.30	11.36	12.09	-268.71	41.45	-2274.99	311.04	-1084.60	694.19
4111	-10.42	12.10	12.09	-69.38	71.40	-2060.22	202.43	-670.42	285.17
4112	-10.15	11.59	12.09	-167.82	51.78	-2031.11	244.69	-820.62	453.83
4113	-9.88	11.08	12.09	-261.42	53.40	-2072.21	271.22	-974.84	591.95
4114	-11.12	11.50	12.09	-73.59	74.65	-1841.19	168.20	-580.43	241.63
4115	-10.78	11.14	12.09	-161.23	61.22	-1840.84	205.98	-721.80	382.18
4116	-10.45	10.79	12.09	-243.90	60.69	-1891.04	233.95	-864.65	506.64
4117	-9.26	9.36	10.41	-334.13	86.85	-2710.40	175.34	-1326.28	732.99
4118	-10.09	9.32	10.41	-337.11	61.72	-2402.09	166.34	-1174.62	637.23
4119	-10.91	9.29	10.41	-314.16	42.74	-2154.10	152.36	-1010.36	542.87
4120	-9.39	10.08	10.41	-301.53	48.42	-2684.30	211.79	-1240.05	739.95
4121	-10.11	9.97	10.41	-302.53	37.03	-2437.19	193.11	-1114.26	638.62
4122	-10.83	9.86	10.41	-285.73	28.06	-2231.38	171.76	-981.50	542.92
4123	-9.50	10.79	10.41	-258.78	13.17	-2680.40	235.52	-1143.37	713.71
4124	-10.12	10.62	10.41	-262.21	14.70	-2487.25	212.06	-1047.93	622.05
4125	-10.73	10.43	10.41	-253.71	14.54	-2320.51	187.38	-945.69	534.07
4126	-0.45	9.64	10.41	447.52	461.58	-6635.97	12.29	-251.37	1259.62
4127	-1.34	9.63	10.41	414.12	448.19	-6497.01	21.07	-563.10	1247.99
4128	-2.23	9.62	10.41	360.55	422.32	-6259.83	30.23	-854.51	1236.82
4129	-3.12	9.60	10.41	291.49	386.71	-5925.90	49.84	-1117.70	1220.57
4130	-4.01	9.58	10.41	191.94	339.04	-5511.41	71.70	-1332.74	1195.62
4131	-4.89	9.56	10.41	77.06	294.07	-5038.98	107.09	-1485.96	1151.63
4132	-5.78	9.52	10.41	-26.82	244.58	-4535.11	133.27	-1575.03	1090.61
4133	-6.66	9.49	10.41	-148.29	192.54	-4024.61	157.77	-1599.73	1015.05
4134	-7.54	9.44	10.41	-236.75	151.85	-3533.02	173.01	-1553.03	926.17
4135	-8.41	9.40	10.41	-300.66	116.15	-3088.82	178.25	-1457.14	828.83
4136	-0.46	10.92	10.41	507.36	297.09	-6382.67	29.99	-233.27	1751.65
4137	-1.39	10.90	10.41	470.46	287.48	-6242.23	68.95	-557.73	1719.06
4138	-2.31	10.86	10.41	401.52	265.71	-5996.87	105.67	-852.64	1668.29
4139	-3.22	10.81	10.41	312.45	235.35	-5659.78	150.35	-1106.53	1593.58
4140	-4.13	10.75	10.41	207.72	197.25	-5249.31	183.42	-1306.62	1497.16
4141	-5.04	10.67	10.41	82.06	161.11	-4793.01	208.98	-1441.13	1387.36
4142	-5.94	10.57	10.41	-27.61	133.86	-4315.19	232.43	-1508.11	1263.13
4143	-6.83	10.46	10.41	-137.94	104.99	-3844.16	242.44	-1512.10	1127.22
4144	-7.71	10.34	10.41	-219.18	82.05	-3401.14	240.40	-1456.47	989.58
4145	-8.59	10.20	10.41	-274.84	62.87	-3004.14	228.54	-1359.19	855.71
4146	-0.48	12.20	10.41	543.51	34.29	-5900.10	44.31	-204.74	2037.74
4147	-1.43	12.17	10.41	503.15	33.77	-5774.68	112.16	-514.99	1988.38
4148	-2.38	12.11	10.41	428.68	27.01	-5552.81	173.01	-794.50	1903.93
4149	-3.32	12.03	10.41	333.35	24.04	-5252.14	223.26	-1027.50	1789.43
4150	-4.26	11.92	10.41	228.13	25.31	-4890.27	265.98	-1209.05	1648.56
4151	-5.18	11.78	10.41	104.91	16.62	-4489.39	293.93	-1329.09	1489.56
4152	-6.09	11.62	10.41	-8.67	11.10	-4074.39	306.93	-1382.85	1321.03
4153	-7.00	11.44	10.41	-106.69	10.54	-3668.97	303.23	-1380.20	1150.90
4154	-7.89	11.23	10.41	-183.54	10.94	-3288.74	287.54	-1329.05	986.73
4155	-8.76	11.00	10.41	-234.61	11.92	-2945.02	262.35	-1240.88	833.64
4156	-0.49	13.48	10.41	558.14	-223.62	-5368.32	50.52	-168.32	2049.15
4157	-1.47	13.44	10.41	517.09	-213.70	-5267.81	134.70	-443.07	1995.56
4158	-2.45	13.36	10.41	448.40	-196.45	-5089.54	210.25	-691.99	1899.75

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]
4159	-3.41	13.24	10.41	355.74	-178.83	-4846.13	270.55	-901.20	1770.49
4160	-4.37	13.09	10.41	246.61	-157.98	-4553.51	315.51	-1061.52	1615.24
4161	-5.31	12.90	10.41	136.79	-128.30	-4227.76	339.49	-1167.48	1441.11
4162	-6.24	12.68	10.41	31.79	-98.15	-3888.64	344.59	-1219.20	1260.60
4163	-7.16	12.42	10.41	-60.49	-70.60	-3552.56	333.56	-1221.66	1083.53
4164	-8.05	12.13	10.41	-132.79	-46.14	-3232.01	309.33	-1182.22	916.42
4165	-8.93	11.80	10.41	-182.05	-26.31	-2936.21	276.30	-1110.30	763.80
4166	-9.50	14.76	10.41	549.69	-392.91	-5019.33	48.77	-130.10	1810.60
4167	-1.51	14.71	10.41	513.29	-376.42	-4940.66	136.49	-361.31	1763.02
4168	-2.51	14.61	10.41	451.34	-346.95	-4802.75	213.59	-571.77	1677.37
4169	-3.50	14.46	10.41	369.84	-305.11	-4611.93	275.61	-751.65	1558.49
4170	-4.48	14.27	10.41	275.82	-256.06	-4378.90	317.85	-892.01	1415.51
4171	-5.44	14.02	10.41	175.99	-205.88	-4116.87	340.42	-989.41	1259.10
4172	-6.39	13.74	10.41	80.07	-156.33	-3837.31	343.70	-1043.00	1097.47
4173	-7.31	13.40	10.41	-4.61	-110.34	-3551.94	330.09	-1054.98	938.68
4174	-8.22	13.03	10.41	-72.92	-70.59	-3271.36	303.64	-1030.94	789.70
4175	-9.09	12.61	10.41	-121.80	-38.48	-3003.31	269.11	-978.18	655.16
4176	-0.52	16.04	10.41	522.16	-378.53	-5036.47	40.93	-97.51	1459.53
4177	-1.55	15.98	10.41	492.49	-361.26	-4969.25	119.55	-287.23	1422.05
4178	-2.57	15.86	10.41	441.93	-329.68	-4851.19	188.88	-462.00	1353.90
4179	-3.58	15.68	10.41	374.24	-287.08	-4687.17	244.52	-613.99	1259.86
4180	-4.58	15.44	10.41	294.86	-236.96	-4483.36	283.64	-737.15	1145.75
4181	-5.57	15.15	10.41	210.42	-183.46	-4247.49	304.59	-826.83	1018.49
4182	-6.53	14.80	10.41	127.38	-131.41	-3989.00	307.92	-881.39	886.10
4183	-7.46	14.39	10.41	51.98	-84.37	-3717.47	295.90	-901.95	755.94
4184	-8.37	13.93	10.41	-11.15	-44.94	-3441.82	272.16	-891.92	634.16
4185	-9.25	13.42	10.41	-59.56	-14.36	-3169.91	240.99	-856.16	525.04
4186	-13.33	9.40	10.41	-121.68	15.48	-1818.42	87.42	-502.53	246.05
4187	-12.79	10.19	10.41	-123.24	19.62	-2014.18	102.13	-554.49	256.72
4188	-12.21	10.95	10.41	-121.97	22.87	-2222.95	120.16	-609.28	274.23
4189	-12.53	9.35	10.41	-202.23	17.14	-1866.89	113.73	-666.87	346.71
4190	-12.15	10.04	10.41	-191.11	15.15	-2029.10	130.31	-693.76	354.83
4191	-11.74	10.70	10.41	-176.70	13.33	-2201.93	146.86	-720.81	365.76
4192	-11.72	9.30	10.41	-268.20	26.13	-1977.48	134.61	-836.26	445.23
4193	-11.50	9.88	10.41	-248.35	19.17	-2095.86	151.61	-836.48	449.14
4194	-11.27	10.45	10.41	-224.82	13.00	-2221.06	166.97	-837.85	451.95
4195	-10.07	12.86	10.41	-91.33	6.49	-2911.71	207.28	-804.03	434.53
4196	-9.87	12.18	10.41	-150.56	-15.75	-2769.77	233.69	-913.37	548.14
4197	-9.66	11.49	10.41	-207.03	-11.82	-2703.83	244.11	-1029.64	646.19
4198	-10.83	12.27	10.41	-110.66	19.18	-2669.40	175.21	-743.02	363.33
4199	-10.55	11.74	10.41	-165.50	-0.22	-2568.65	201.43	-846.40	468.03
4200	-10.27	11.20	10.41	-216.12	-0.58	-2526.21	215.62	-955.37	561.42
4201	-11.56	11.64	10.41	-118.66	25.18	-2439.96	144.97	-675.26	307.66
4202	-11.20	11.27	10.41	-169.38	10.28	-2380.34	170.39	-774.18	400.31
4203	-10.85	10.90	10.41	-215.63	7.35	-2363.86	187.51	-876.71	488.12
4204	-9.60	9.38	8.72	-254.86	7.06	-2750.75	125.36	-1151.15	635.06
4205	-10.46	9.34	8.72	-269.27	-11.06	-2533.24	119.10	-1050.87	560.37
4206	-11.31	9.30	8.72	-264.62	-23.89	-2359.02	109.42	-936.80	486.07
4207	-9.73	10.14	8.72	-238.42	-24.19	-2800.42	154.02	-1092.73	650.34
4208	-10.48	10.03	8.72	-249.82	-30.77	-2619.83	140.70	-1009.48	570.95
4209	-11.22	9.91	8.72	-247.48	-35.24	-2468.43	125.26	-917.60	495.31
4210	-9.86	10.89	8.72	-216.15	-50.77	-2870.86	173.33	-1026.07	642.54
4211	-10.50	10.70	8.72	-226.85	-47.18	-2720.19	156.20	-963.36	569.67
4212	-11.13	10.51	8.72	-228.46	-44.86	-2587.80	138.32	-893.27	499.51
4213	-0.46	9.67	8.72	412.45	260.21	-5497.06	5.58	-193.72	1105.26
4214	-1.39	9.67	8.72	380.80	251.49	-5396.00	19.88	-446.59	1091.83
4215	-2.31	9.66	8.72	330.76	234.31	-5222.27	35.96	-681.22	1073.11
4216	-3.23	9.64	8.72	262.13	209.61	-4985.04	52.78	-887.32	1047.68
4217	-4.15	9.62	8.72	181.47	180.68	-4695.63	71.86	-1057.34	1013.28
4218	-5.07	9.59	8.72	92.33	147.75	-4367.69	88.77	-1185.19	969.96
4219	-5.99	9.55	8.72	-2.09	114.97	-4018.59	105.50	-1264.65	916.94
4220	-6.90	9.51	8.72	-86.32	84.02	-3666.80	117.92	-1295.86	854.48
4221	-7.81	9.47	8.72	-161.82	54.03	-3328.82	125.78	-1283.65	784.72
4222	-8.72	9.42	8.72	-218.61	28.29	-3017.36	128.05	-1231.80	709.64
4223	-0.48	11.02	8.72	435.75	110.41	-5402.94	16.92	-177.29	1446.30
4224	-1.44	11.01	8.72	400.86	105.19	-5302.89	52.31	-432.73	1419.06
4225	-2.39	10.97	8.72	345.52	94.57	-5130.25	85.95	-666.95	1373.87
4226	-3.34	10.92	8.72	271.38	79.84	-4894.84	114.68	-869.54	1312.86
4227	-4.28	10.85	8.72	183.49	63.07	-4611.18	140.41	-1031.15	1237.66
4228	-5.22	10.76	8.72	91.67	45.03	-4294.89	160.65	-1147.78	1149.02
4229	-6.16	10.66	8.72	-2.30	26.15	-3963.77	172.64	-1216.31	1051.36
4230	-7.08	10.54	8.72	-85.40	9.98	-3634.10	177.84	-1238.48	948.76
4231	-8.00	10.41	8.72	-156.01	-4.23	-3320.41	175.49	-1219.91	843.97
4232	-8.90	10.26	8.72	-207.65	-15.79	-3033.31	166.31	-1166.59	740.63
4233	-0.49	12.37	8.72	439.95	-79.99	-5201.14	25.36	-153.62	1638.81
4234	-1.48	12.34	8.72	404.99	-78.84	-5111.05	78.00	-397.44	1602.47
4235	-2.47	12.28	8.72	348.24	-77.33	-4955.41	125.35	-619.67	1539.86
4236	-3.44	12.20	8.72	273.17	-76.48	-4743.40	165.59	-810.81	1453.84
4237	-4.41	12.08	8.72	184.93	-75.92	-4488.42	195.44	-961.53	1349.39
4238	-5.37	11.94	8.72	94.06	-72.48	-4205.75	214.78	-1068.28	1231.98
4239	-6.32	11.77	8.72	4.73	-68.36	-3910.27	223.06	-1130.86	1106.94
4240	-7.26	11.57	8.72	-75.22	-63.91	-3615.77	221.33	-1150.65	979.71
4241	-8.18	11.35	8.72	-140.70	-59.07	-3334.32	210.44	-1133.35	855.07
4242	-9.09	11.11	8.72	-188.67	-54.69	-3074.28	192.64	-1085.89	736.82
4243	-0.51	13.73	8.72	425.24	-256.89	-5010.55	29.53	-125.59	1656.37
4244	-1.53	13.68	8.72	393.01	-248.92	-4934.40	92.68	-346.63	1617.66
4245	-2.54	13.60	8.72	338.81	-235.39	-4802.66	148.23	-548.48	1549.29
4246	-3.54	13.48	8.72	267.89	-216.06	-4623.23	193.51	-721.96	1455.44
4247	-4.53	13.32	8.72	186.59	-192.87	-4406.25	225.86	-860.54	1341.95
4248	-5.51	13.12	8.72	100.37	-168.88	-4163.66	244.93	-960.26	1215.76
4249	-6.48	12.88	8.72	17.16	-144.32	-3907.24	250.50	-1020.40	1083.22
4250	-7.43	12.61	8.72	-56.99	-120.41	-3648.11	244.01	-1043.17	950.37
4251	-8.36	12.30	8.72	-117.94	-98.66	-3395.57	227.90	-1033.18	822.36
4252	-9.27	11.96	8.72	-162.98	-80.38	-3156.45	204.97	-996.24	702.72
4253	-0.52	15.08	8.72	394.48	-356.41	-4955.08	29.39	-97.51	1535.81
4254	-1.57	15.02	8.72	366.22	-344.20	-4890.79	94.42	-290.08	1500.70
4255	-2.61	14.92	8.72	318.77	-321.93	-4779.73	151.79	-467.49	1437.38
4256	-3.64	14.76	8.72	255.95	-292.16	-4627.51	197.90	-621.91	1350.30
4257	-4.65	14.56	8.72	183.13	-256.98	-4441.32	230.73	-747.73	1244.78

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]
4258	-5.65	14.30	8.72	106.74	-218.52	-4229.34	249.01	-841.31	1126.73
4259	-6.64	14.00	8.72	32.32	-180.02	-4000.62	253.26	-901.70	1002.73
4260	-7.60	13.64	8.72	-34.95	-143.98	-3763.69	245.25	-930.29	878.74
4261	-8.53	13.25	8.72	-91.05	-112.14	-3526.00	227.54	-930.24	759.53
4262	-9.44	12.81	8.72	-133.48	-85.55	-3293.48	203.27	-906.02	648.70
4263	-10.54	16.43	8.72	349.10	-353.96	-5107.63	26.87	-73.10	1375.25
4264	-1.61	16.36	8.72	325.69	-341.01	-5049.42	87.28	-238.67	1345.55
4265	-2.67	16.24	8.72	286.31	-317.09	-4949.04	140.69	-392.68	1291.23
4266	-3.73	16.05	8.72	234.17	-284.21	-4810.06	183.88	-529.10	1215.43
4267	-4.77	15.80	8.72	173.37	-245.42	-4637.51	214.58	-643.00	1122.73
4268	-5.79	15.48	8.72	108.58	-204.09	-4437.47	231.86	-731.22	1018.47
4269	-6.79	15.11	8.72	44.70	-163.18	-4216.53	236.03	-792.30	908.10
4270	-7.76	14.68	8.72	-13.94	-125.41	-3981.47	228.55	-826.57	796.92
4271	-8.71	14.20	8.72	-63.98	-92.86	-3738.77	211.82	-835.99	689.60
4272	-9.62	13.66	8.72	-103.42	-66.59	-3494.30	188.73	-823.55	589.77
4273	-13.81	9.42	8.72	-151.36	-33.77	-2165.58	61.52	-568.77	262.31
4274	-13.27	10.26	8.72	-155.50	-30.69	-2372.41	74.83	-614.60	287.99
4275	-12.67	11.05	8.72	-156.62	-28.84	-2588.11	91.09	-659.60	320.94
4276	-12.98	9.37	8.72	-203.40	-36.91	-2180.05	81.50	-688.32	335.51
4277	-12.59	10.09	8.72	-197.40	-38.24	-2357.35	95.40	-713.00	355.87
4278	-12.17	10.79	8.72	-188.58	-39.53	-2542.09	109.56	-736.32	380.12
4279	-12.15	9.31	8.72	-242.57	-33.74	-2242.16	96.86	-811.77	410.13
4280	-11.93	9.93	8.72	-230.35	-38.94	-2380.99	110.80	-814.71	423.84
4281	-11.68	10.53	8.72	-214.80	-43.17	-2525.13	123.53	-817.80	438.24
4282	-10.47	13.07	8.72	-130.03	-47.84	-3256.39	162.96	-795.28	502.82
4283	-10.25	12.35	8.72	-160.26	-66.27	-3084.68	177.45	-868.53	557.24
4284	-10.03	11.63	8.72	-189.11	-66.75	-2962.92	182.03	-947.64	608.38
4285	-11.25	12.45	8.72	-146.72	-35.29	-3027.60	137.50	-756.42	429.23
4286	-10.95	11.88	8.72	-175.73	-52.45	-2899.16	153.07	-825.52	484.89
4287	-10.65	11.32	8.72	-201.91	-56.12	-2810.25	160.92	-899.55	538.11
4288	-12.00	11.78	8.72	-154.06	-28.42	-2805.56	112.57	-709.25	367.15
4289	-11.63	11.39	8.72	-182.09	-42.53	-2721.63	128.96	-775.74	421.36
4290	-11.26	11.00	8.72	-206.97	-48.01	-2667.85	139.63	-845.87	475.50
4291	-9.94	9.40	7.03	-227.59	-77.96	-2737.80	90.05	-1015.29	564.14
4292	-10.82	9.36	7.03	-243.37	-87.14	-2591.47	83.55	-949.88	506.24
4293	-11.70	9.32	7.03	-244.38	-91.91	-2476.26	74.41	-871.22	448.17
4294	-10.07	10.20	7.03	-220.33	-99.39	-2843.12	109.35	-976.16	589.93
4295	-10.85	10.08	7.03	-232.77	-99.98	-2714.55	98.11	-921.83	527.13
4296	-11.62	9.96	7.03	-234.51	-98.94	-2606.30	85.28	-858.68	466.73
4297	-10.21	10.99	7.03	-209.42	-115.24	-2965.21	121.78	-930.00	599.73
4298	-10.87	10.79	7.03	-220.03	-109.16	-2848.12	108.20	-889.57	540.12
4299	-11.52	10.59	7.03	-223.74	-103.99	-2743.22	94.30	-841.99	482.51
4300	-0.48	9.71	7.03	322.30	78.08	-4656.02	-2.68	-149.33	948.95
4301	-1.43	9.70	7.03	295.09	72.38	-4582.12	14.11	-355.44	936.73
4302	-2.39	9.69	7.03	251.68	61.47	-4457.51	30.08	-546.75	918.78
4303	-3.34	9.67	7.03	195.08	46.41	-4288.49	45.61	-716.37	894.73
4304	-4.30	9.65	7.03	128.06	28.04	-4083.81	59.95	-858.17	864.35
4305	-5.25	9.62	7.03	55.12	7.98	-3854.38	73.09	-967.35	827.24
4306	-6.20	9.58	7.03	-18.01	-12.80	-3611.85	83.53	-1041.92	783.64
4307	-7.14	9.54	7.03	-87.78	-32.95	-3368.07	90.95	-1081.26	734.27
4308	-8.08	9.50	7.03	-147.71	-50.95	-3134.23	94.53	-1086.98	679.98
4309	-9.02	9.44	7.03	-195.24	-66.28	-2919.91	94.04	-1063.10	621.92
4310	-0.50	11.13	7.03	321.68	-44.14	-4693.17	4.69	-134.04	1212.58
4311	-1.48	11.11	7.03	293.69	-46.65	-4620.67	35.19	-341.49	1191.24
4312	-2.47	11.07	7.03	248.17	-51.66	-4497.37	62.82	-532.78	1155.79
4313	-3.45	11.02	7.03	188.74	-58.58	-4330.75	87.07	-700.10	1107.35
4314	-4.43	10.95	7.03	119.90	-66.67	-4130.27	106.51	-837.75	1047.54
4315	-5.41	10.86	7.03	46.03	-74.95	-3907.24	120.53	-941.36	978.83
4316	-6.37	10.75	7.03	-26.32	-82.45	-3673.27	128.95	-1009.70	903.35
4317	-7.33	10.63	7.03	-93.24	-89.09	-3439.62	131.28	-1043.50	823.59
4318	-8.28	10.49	7.03	-149.59	-94.23	-3215.96	128.11	-1045.51	742.16
4319	-9.22	10.33	7.03	-192.86	-97.84	-3010.00	119.90	-1020.26	661.27
4320	-0.51	12.55	7.03	305.84	-179.65	-4686.87	10.08	-114.46	1371.15
4321	-1.53	12.52	7.03	278.62	-177.61	-4620.31	51.23	-313.70	1343.97
4322	-2.55	12.46	7.03	233.96	-174.13	-4506.94	87.89	-497.21	1296.59
4323	-3.56	12.37	7.03	175.62	-169.10	-4353.68	118.13	-657.13	1231.70
4324	-4.57	12.24	7.03	108.62	-162.65	-4169.34	140.91	-788.09	1152.57
4325	-5.56	12.09	7.03	37.66	-155.46	-3963.88	155.30	-886.46	1062.96
4326	-6.54	11.92	7.03	-31.34	-147.43	-3747.63	161.26	-951.14	966.94
4327	-7.51	11.71	7.03	-93.88	-138.89	-3530.13	159.32	-983.59	868.36
4328	-8.47	11.48	7.03	-146.13	-130.28	-3319.38	150.72	-986.74	770.55
4329	-9.41	11.22	7.03	-185.59	-122.22	-3121.56	136.90	-965.00	676.19
4330	-0.53	13.97	7.03	276.55	-288.86	-4710.23	13.00	-92.31	1415.84
4331	-1.58	13.93	7.03	251.52	-282.63	-4650.99	59.93	-276.04	1387.05
4332	-2.63	13.84	7.03	210.39	-270.96	-4550.46	101.42	-445.80	1335.65
4333	-3.67	13.71	7.03	156.58	-255.04	-4413.99	135.07	-594.69	1264.77
4334	-4.70	13.54	7.03	94.54	-235.94	-4248.68	159.35	-717.43	1178.47
4335	-5.71	13.33	7.03	29.57	-214.66	-4062.53	173.46	-810.99	1081.30
4336	-6.72	13.09	7.03	-33.64	-192.74	-3863.75	177.72	-874.44	977.97
4337	-7.70	12.80	7.03	-90.75	-171.43	-3660.04	173.15	-908.84	872.83
4338	-8.66	12.47	7.03	-138.35	-151.70	-3457.98	161.33	-916.84	769.62
4339	-9.60	12.11	7.03	-174.31	-134.44	-3262.73	144.30	-902.20	671.18
4340	-0.54	15.39	7.03	236.29	-341.82	-4823.55	13.94	-69.84	1375.89
4341	-1.63	15.34	7.03	214.55	-333.07	-4770.01	61.64	-234.38	1348.89
4342	-2.70	15.23	7.03	178.69	-316.64	-4679.43	103.72	-387.51	1299.83
4343	-3.77	15.06	7.03	131.76	-293.87	-4555.71	137.71	-523.33	1231.60
4344	-4.83	14.85	7.03	77.64	-266.69	-4404.03	161.90	-637.33	1148.10
4345	-5.86	14.58	7.03	20.51	-237.29	-4230.44	175.66	-726.66	1053.82
4346	-6.88	14.26	7.03	-35.26	-207.54	-4041.23	179.24	-790.21	953.28
4347	-7.88	13.89	7.03	-85.91	-179.19	-3842.56	173.76	-828.48	850.79
4348	-8.85	13.47	7.03	-128.54	-153.65	-3639.95	161.00	-843.40	750.09
4349	-9.79	13.00	7.03	-161.17	-131.76	-3437.94	143.16	-837.87	654.18
4350	-0.56	16.81	7.03	187.55	-335.98	-5042.97	14.37	-49.24	1312.78
4351	-1.67	16.75	7.03	169.48	-326.56	-4992.34	59.31	-194.84	1288.77
4352	-2.78	16.61	7.03	139.83	-308.82	-4906.74	99.04	-331.58	1244.34
4353	-3.87	16.41	7.03	100.90	-284.35	-4788.96	131.22	-454.70	1181.91
4354	-4.95	16.15	7.03	55.76	-255.22	-4642.69	154.24	-560.40	1104.79
4355	-6.01	15.82	7.03	7.87	-223.71	-4472.34	167.37	-646.00	1016.85
4356	-7.05	15.43	7.03	-39.31	-192.17	-4282.79	170.79	-710.15	922.24

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]
4357	-8.06	14.98	7.03	-82.66	-162.65	-4079.02	165.50	-752.78	825.00
4358	-9.04	14.46	7.03	-119.72	-136.74	-3865.79	153.17	-774.95	728.81
4359	-9.98	13.89	7.03	-148.94	-115.27	-3647.50	135.81	-778.56	636.71
4360	-14.30	9.45	7.03	-173.66	-83.91	-2381.03	35.45	-604.61	279.44
4361	-13.74	10.32	7.03	-180.48	-81.86	-2587.78	46.26	-643.32	316.23
4362	-13.13	11.16	7.03	-184.53	-81.04	-2800.11	59.62	-678.73	359.86
4363	-13.43	9.39	7.03	-207.32	-90.75	-2377.34	50.47	-691.70	333.18
4364	-13.04	10.15	7.03	-205.85	-91.40	-2558.55	60.96	-713.00	363.48
4365	-12.61	10.88	7.03	-202.17	-92.06	-2744.21	72.00	-731.76	397.70
4366	-12.57	9.33	7.03	-232.39	-93.75	-2405.83	63.22	-781.85	389.63
4367	-12.35	9.98	7.03	-225.89	-96.84	-2554.60	73.23	-785.89	412.22
4368	-12.10	10.61	7.03	-216.70	-98.93	-2706.61	82.56	-789.05	436.23
4369	-10.86	13.28	7.03	-168.41	-99.50	-3431.14	116.24	-767.44	553.63
4370	-10.62	12.52	7.03	-181.88	-115.57	-3252.12	123.95	-819.02	572.57
4371	-10.39	11.77	7.03	-195.74	-121.25	-3100.73	127.09	-874.89	591.92
4372	-11.67	12.63	7.03	-180.17	-88.35	-3219.34	96.56	-745.35	479.76
4373	-11.35	12.03	7.03	-193.79	-103.67	-3082.95	105.54	-793.04	505.09
4374	-11.03	11.44	7.03	-206.77	-111.10	-2969.37	110.99	-844.83	530.99
4375	-12.44	11.93	7.03	-184.47	-81.72	-3009.97	76.95	-714.49	414.30
4376	-12.05	11.51	7.03	-198.56	-94.72	-2918.18	87.19	-759.86	444.00
4377	-11.66	11.10	7.03	-211.81	-102.94	-2844.56	94.73	-808.79	475.11
4378	-10.27	9.42	5.34	-233.60	-165.42	-2683.98	68.36	-921.46	520.08
4379	-11.19	9.38	5.34	-246.38	-166.27	-2595.73	59.86	-881.91	476.44
4380	-12.10	9.34	5.34	-246.71	-163.25	-2530.48	48.83	-829.16	431.42
4381	-10.42	10.26	5.34	-231.68	-179.18	-2831.94	78.07	-897.43	558.97
4382	-11.22	10.13	5.34	-240.95	-173.75	-2746.69	66.69	-863.93	508.55
4383	-12.01	10.01	5.34	-241.39	-166.97	-2675.52	53.99	-821.11	458.88
4384	-10.56	11.09	5.34	-227.05	-185.97	-2993.75	82.28	-866.04	585.53
4385	-11.25	10.88	5.34	-234.07	-176.85	-2905.44	70.13	-841.09	534.44
4386	-11.92	10.66	5.34	-235.53	-168.12	-2824.84	57.84	-808.83	484.40
4387	-0.49	9.75	5.34	219.27	-79.38	-4001.20	-8.99	-114.65	808.86
4388	-1.48	9.74	5.34	195.90	-83.23	-3946.95	8.29	-286.00	799.40
4389	-2.47	9.73	5.34	159.48	-90.17	-3857.20	24.47	-446.23	785.17
4390	-3.46	9.71	5.34	112.10	-99.70	-3736.92	39.21	-589.85	766.20
4391	-4.44	9.68	5.34	56.85	-111.00	-3592.76	52.26	-712.37	742.55
4392	-5.42	9.65	5.34	-2.70	-123.21	-3432.55	63.01	-810.64	714.37
4393	-6.40	9.61	5.34	-62.78	-135.29	-3264.90	71.06	-882.71	681.93
4394	-7.38	9.57	5.34	-119.09	-146.35	-3098.46	75.85	-928.28	645.57
4395	-8.36	9.52	5.34	-168.30	-155.60	-2941.20	77.06	-948.35	605.81
4396	-9.33	9.47	5.34	-207.11	-162.13	-2799.83	74.40	-944.91	563.09
4397	-0.51	11.24	5.34	200.52	-181.49	-4135.81	-4.49	-101.29	1038.97
4398	-1.53	11.22	5.34	177.27	-182.59	-4082.30	22.04	-274.66	1023.00
4399	-2.55	11.18	5.34	140.48	-184.30	-3993.40	46.04	-436.09	996.01
4400	-3.57	11.12	5.34	92.77	-186.33	-3874.29	66.49	-579.75	959.09
4401	-4.58	11.04	5.34	37.61	-188.30	-3731.91	82.68	-700.95	913.63
4402	-5.59	10.95	5.34	-20.81	-189.78	-3574.18	94.01	-796.75	861.18
4403	-6.59	10.84	5.34	-78.53	-190.42	-3409.37	100.12	-865.68	803.51
4404	-7.58	10.71	5.34	-131.39	-189.77	-3245.36	101.06	-907.99	742.35
4405	-8.56	10.56	5.34	-176.20	-187.68	-3089.04	97.08	-925.24	679.27
4406	-9.53	10.40	5.34	-210.29	-184.10	-2945.74	88.69	-920.02	615.72
4407	-0.53	12.73	5.34	169.35	-278.28	-4265.15	-1.33	-84.85	1198.83
4408	-1.58	12.69	5.34	147.47	-276.01	-4214.75	31.61	-253.77	1178.41
4409	-2.64	12.63	5.34	112.48	-271.26	-4131.08	60.87	-411.04	1142.41
4410	-3.68	12.53	5.34	67.21	-264.34	-4018.82	84.98	-550.85	1092.65
4411	-4.72	12.41	5.34	15.23	-255.54	-3884.12	102.82	-668.65	1031.53
4412	-5.75	12.25	5.34	-39.27	-245.15	-3733.98	113.82	-761.61	961.80
4413	-6.77	12.06	5.34	-92.33	-233.61	-3575.50	117.92	-828.57	886.25
4414	-7.77	11.85	5.34	-140.20	-221.33	-3415.33	115.60	-869.92	807.60
4415	-8.76	11.60	5.34	-179.95	-208.74	-3259.10	107.70	-887.38	728.24
4416	-9.74	11.33	5.34	-209.58	-196.52	-3111.10	95.54	-883.66	650.11
4417	-0.55	14.22	5.34	128.71	-341.17	-4434.59	0.43	-66.26	1281.09
4418	-1.63	14.17	5.34	109.21	-336.11	-4387.51	35.92	-225.43	1258.84
4419	-2.72	14.08	5.34	77.91	-326.03	-4309.52	67.21	-374.12	1218.59
4420	-3.79	13.95	5.34	37.44	-311.73	-4204.41	92.48	-506.88	1162.52
4421	-4.86	13.77	5.34	-8.81	-294.22	-4077.06	110.52	-619.55	1093.52
4422	-5.91	13.55	5.34	-57.17	-274.65	-3933.05	120.79	-709.44	1014.87
4423	-6.95	13.29	5.34	-103.92	-254.13	-3778.11	123.42	-775.40	929.98
4424	-7.97	12.99	5.34	-145.80	-233.67	-3617.61	119.16	-817.74	842.07
4425	-8.97	12.65	5.34	-180.27	-214.19	-3456.20	109.25	-837.99	754.02
4426	-9.94	12.27	5.34	-205.64	-196.33	-3297.50	95.27	-838.52	668.15
4427	-0.56	15.71	5.34	82.46	-354.87	-4667.60	1.46	-46.72	1297.63
4428	-1.68	15.65	5.34	65.90	-348.43	-4622.33	35.99	-192.58	1275.84
4429	-2.80	15.54	5.34	39.45	-335.75	-4547.43	66.36	-329.66	1235.61
4430	-3.91	15.36	5.34	5.26	-317.98	-4445.73	90.74	-453.22	1179.07
4431	-5.00	15.14	5.34	-33.85	-296.49	-4320.93	107.90	-559.55	1109.08
4432	-6.07	14.85	5.34	-74.73	-272.84	-4177.33	117.34	-646.13	1028.96
4433	-7.13	14.52	5.34	-114.28	-248.58	-4019.45	119.24	-711.78	942.18
4434	-8.16	14.13	5.34	-149.78	-225.11	-3851.69	114.44	-756.49	852.11
4435	-9.17	13.69	5.34	-179.04	-203.51	-3678.07	104.24	-781.32	761.77
4436	-10.14	13.20	5.34	-200.64	-184.43	-3501.95	90.23	-788.15	673.71
4437	-0.58	17.20	5.34	34.51	-331.98	-4942.15	3.21	-27.37	1276.48
4438	-1.73	17.13	5.34	20.98	-325.30	-4897.14	35.04	-158.40	1256.49
4439	-2.88	16.99	5.34	-0.43	-312.32	-4822.71	63.02	-282.51	1218.84
4440	-4.02	16.78	5.34	-28.02	-294.10	-4720.90	85.48	-395.84	1165.33
4441	-5.14	16.50	5.34	-59.61	-272.22	-4594.46	101.30	-495.24	1098.49
4442	-6.24	16.15	5.34	-92.74	-248.40	-4446.65	109.95	-578.42	1021.33
4443	-7.31	15.74	5.34	-124.94	-224.34	-4281.05	111.59	-644.06	937.07
4444	-8.36	15.27	5.34	-153.98	-201.55	-4101.33	106.92	-691.78	848.92
4445	-9.37	14.73	5.34	-178.09	-181.23	-3911.10	97.14	-722.06	759.89
4446	-10.34	14.13	5.34	-196.14	-164.03	-3713.65	83.67	-736.05	672.59
4447	-14.78	9.47	5.34	-189.35	-135.52	-2510.72	9.58	-622.24	293.90
4448	-14.21	10.38	5.34	-198.89	-134.59	-2713.17	16.95	-653.88	338.67
4449	-13.59	11.26	5.34	-206.44	-134.41	-2918.96	26.46	-680.83	389.46
4450	-13.89	9.40	5.34	-215.84	-147.42	-2499.49	22.45	-694.79	339.62
4451	-13.49	10.20	5.34	-218.24	-147.93	-2680.13	28.96	-711.94	377.61
4452	-13.05	10.97	5.34	-219.16	-148.10	-2862.77	36.28	-725.51	418.97
4453	-13.00	9.34	5.34	-236.21	-157.02	-2500.08	35.84	-764.53	385.31
4454	-12.77	10.03	5.34	-233.74	-158.67	-2654.39	41.28	-768.26	415.46
4455	-12.52	10.69	5.34	-229.35	-158.96	-2810.06	46.51	-769.98	446.95

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]
4456	-11.25	13.49	5.34	-206.85	-151.08	-3515.04	68.78	-736.27	591.75
4457	-11.00	12.69	5.34	-213.29	-170.00	-3336.32	75.39	-781.71	596.78
4458	-10.76	11.90	5.34	-219.92	-182.28	-3162.71	81.22	-825.62	597.40
4459	-12.09	12.80	5.34	-211.69	-141.62	-3317.83	53.93	-725.68	517.44
4460	-11.75	12.18	5.34	-219.28	-159.22	-3182.13	61.32	-767.12	530.86
4461	-11.42	11.56	5.34	-226.38	-171.61	-3050.45	68.17	-807.69	541.20
4462	-12.88	12.07	5.34	-210.65	-135.58	-3120.07	39.20	-706.15	449.32
4463	-12.47	11.63	5.34	-219.75	-150.64	-3029.46	47.43	-744.99	469.59
4464	-12.07	11.20	5.34	-228.17	-162.65	-2941.82	55.19	-783.39	488.16
4465	-14.22	-3.10	17.16	-68.82	-112.76	26.24	211.83	-30.69	261.01
4466	-13.31	-3.10	17.16	-117.87	-64.11	-2.50	368.40	-11.38	172.60
4467	-12.39	-3.10	17.16	-172.93	-17.95	-13.50	502.38	-14.87	133.31
4468	-11.47	-3.10	17.16	-242.64	27.22	-20.03	623.86	-28.57	108.11
4469	-10.55	-3.10	17.16	-333.23	72.13	-27.84	736.64	-49.74	83.38
4470	-9.64	-3.10	17.16	-448.65	115.05	-41.33	838.80	-80.32	48.70
4471	-8.72	-3.10	17.16	-588.71	146.43	-65.67	923.44	-125.70	-11.90
4472	-7.80	-3.10	17.16	-736.96	147.18	-109.87	970.90	-195.47	-121.00
4473	-6.88	-3.10	17.16	-866.90	100.85	-130.17	982.26	-269.44	-271.81
4474	-5.97	-3.10	17.16	-194.42	1.27	-225.81	248.40	-499.92	-482.40
4475	-5.05	-3.10	17.16	-81.32	148.94	-440.95	330.91	-181.60	-392.46
4476	-4.13	-3.10	17.16	-103.52	332.01	-454.37	314.92	-256.73	-18.91
4477	-3.21	-3.10	17.16	-120.33	377.48	-662.85	286.45	-281.34	152.18
4478	-2.29	-3.10	17.16	-138.78	393.38	-839.53	269.90	-285.26	259.11
4479	-1.38	-3.10	17.16	-153.65	380.33	-982.83	255.16	-281.49	334.86
4480	-0.46	-3.10	17.16	-168.93	346.30	-1098.29	228.96	-276.08	398.62
4481	-14.34	-2.50	17.16	-50.41	-104.12	25.38	208.32	-16.99	263.68
4482	-13.41	-2.50	17.16	-87.71	-65.36	-6.03	370.39	-3.96	172.92
4483	-12.49	-2.50	17.16	-134.98	-28.67	-18.03	509.29	-12.64	133.25
4484	-11.56	-2.50	17.16	-202.08	5.61	-25.82	635.71	-32.71	107.72
4485	-10.64	-2.50	17.16	-298.19	37.11	-36.96	753.27	-63.51	82.45
4486	-9.71	-2.50	17.16	-433.51	62.02	-59.64	859.04	-111.90	46.48
4487	-8.79	-2.50	17.16	-620.44	69.50	-110.12	941.30	-196.55	-16.66
4488	-7.86	-2.50	17.16	-877.92	36.59	-228.66	976.62	-362.60	-134.33
4489	-6.94	-2.50	17.16	-1251.30	-112.20	-750.72	961.39	-757.85	-318.71
4490	-6.01	-2.50	17.16	-266.70	-187.30	-1298.82	261.80	-576.71	-506.05
4491	-5.09	-2.50	17.16	-77.32	1.12	-963.53	356.97	229.00	-421.60
4492	-4.16	-2.50	17.16	-41.97	262.04	-232.42	259.63	-26.82	-97.67
4493	-3.24	-2.50	17.16	-20.41	366.40	-196.63	216.66	-106.63	28.77
4494	-2.31	-2.50	17.16	-18.10	412.86	-223.60	190.43	-132.98	89.22
4495	-1.39	-2.50	17.16	-24.89	428.03	-262.85	169.45	-140.80	127.36
4496	-0.46	-2.50	17.16	-36.95	420.81	-301.20	144.30	-142.28	158.89
4497	-14.64	-3.10	15.47	-52.72	-27.32	65.11	129.61	-73.36	473.99
4498	-13.70	-3.10	15.47	-82.82	-40.29	-4.17	149.64	-73.18	367.58
4499	-12.75	-3.10	15.47	-129.57	-44.73	-43.87	177.88	-84.85	282.32
4500	-11.81	-3.10	15.47	-181.08	-48.56	-72.03	196.78	-108.56	207.36
4501	-10.86	-3.10	15.47	-230.16	-56.80	-101.05	197.76	-140.79	125.48
4502	-9.92	-3.10	15.47	-287.95	-73.15	-139.75	175.01	-176.06	18.61
4503	-8.97	-3.10	15.47	-280.53	-99.00	-193.84	125.93	-203.22	-134.16
4504	-8.03	-3.10	15.47	-250.58	-127.22	-254.98	59.93	-197.51	-353.54
4505	-7.08	-3.10	15.47	-179.10	-134.11	-284.16	9.48	-134.22	-628.02
4506	-6.14	-3.10	15.47	-231.66	-74.35	-235.00	215.19	-43.77	-799.29
4507	-5.20	-3.10	15.47	-195.99	4.14	-125.09	270.02	-55.61	-786.29
4508	-4.25	-3.10	15.47	-209.20	96.23	-65.24	254.18	-69.70	-701.37
4509	-3.31	-3.10	15.47	-201.49	187.69	-49.62	195.72	-137.17	-600.05
4510	-2.36	-3.10	15.47	-187.74	238.70	-99.85	144.83	-192.65	-535.34
4511	-1.42	-3.10	15.47	-169.30	250.50	-166.27	101.91	-229.84	-489.29
4512	-0.47	-3.10	15.47	-158.24	241.35	-238.45	49.54	-248.61	-454.40
4513	-14.75	-2.50	15.47	-44.43	-21.77	59.20	128.45	-56.84	479.95
4514	-13.80	-2.50	15.47	-81.54	-35.75	-17.73	148.20	-68.47	370.54
4515	-12.85	-2.50	15.47	-136.91	-42.48	-62.68	177.20	-92.64	283.49
4516	-11.89	-2.50	15.47	-201.35	-49.32	-97.47	196.32	-133.14	206.63
4517	-10.94	-2.50	15.47	-269.61	-61.32	-139.14	196.47	-189.99	121.83
4518	-9.99	-2.50	15.47	-333.71	-82.68	-204.99	171.51	-263.34	9.84
4519	-9.04	-2.50	15.47	-375.44	-116.45	-319.45	119.64	-349.54	-151.41
4520	-8.09	-2.50	15.47	-353.40	-161.18	-523.76	53.81	-423.45	-382.14
4521	-7.14	-2.50	15.47	-152.77	-174.38	-719.89	17.65	-330.92	-658.09
4522	-6.18	-2.50	15.47	-163.62	-145.10	-761.96	232.82	-128.59	-818.18
4523	-5.23	-2.50	15.47	-179.94	-108.30	-641.30	302.37	-13.30	-760.70
4524	-4.28	-2.50	15.47	-273.17	-66.00	-459.10	301.75	44.95	-610.31
4525	-3.33	-2.50	15.47	-269.56	-10.42	-297.90	235.10	-57.53	-458.95
4526	-2.38	-2.50	15.47	-246.85	12.50	-277.59	171.37	-138.07	-363.90
4527	-1.43	-2.50	15.47	-226.88	9.28	-308.97	118.71	-188.38	-304.25
4528	-0.48	-2.50	15.47	-221.54	-7.01	-362.14	67.18	-218.75	-264.02
4529	-15.06	-3.10	13.78	-47.32	28.41	58.71	92.15	-95.77	464.33
4530	-14.09	-3.10	13.78	-64.18	-4.83	-24.99	52.28	-128.34	392.47
4531	-13.11	-3.10	13.78	-89.41	-34.50	-85.79	19.73	-154.45	309.66
4532	-12.14	-3.10	13.78	-115.63	-63.23	-134.64	-13.08	-180.03	217.57
4533	-11.17	-3.10	13.78	-134.38	-94.47	-180.77	-52.18	-204.13	110.13
4534	-10.20	-3.10	13.78	-138.46	-129.93	-229.31	-98.21	-219.91	-21.59
4535	-9.23	-3.10	13.78	-124.77	-167.97	-277.34	-144.00	-215.66	-184.13
4536	-8.26	-3.10	13.78	-102.58	-201.90	-309.86	-171.06	-181.23	-371.42
4537	-7.29	-3.10	13.78	-97.12	-220.99	-307.79	-152.08	-123.83	-553.92
4538	-6.31	-3.10	13.78	-101.54	-222.67	-262.23	-130.11	-64.63	-708.96
4539	-5.34	-3.10	13.78	-151.85	-203.14	-186.88	-58.09	-26.50	-811.92
4540	-4.37	-3.10	13.78	-190.49	-173.76	-102.19	0.60	-36.53	-842.71
4541	-3.40	-3.10	13.78	-221.89	-145.52	-41.95	28.63	-76.14	-834.34
4542	-2.43	-3.10	13.78	-230.71	-125.92	-21.65	33.51	-136.44	-810.33
4543	-1.46	-3.10	13.78	-225.20	-121.65	-49.16	25.21	-192.58	-782.90
4544	-0.49	-3.10	13.78	-216.73	-127.33	-107.35	5.54	-234.13	-760.86
4545	-15.16	-2.50	13.78	-43.67	30.10	36.00	93.32	-87.62	469.97
4546	-14.18	-2.50	13.78	-71.50	-0.15	-54.37	50.71	-134.46	396.41
4547	-13.21	-2.50	13.78	-108.26	-27.71	-123.58	16.38	-175.36	311.65
4548	-12.23	-2.50	13.78	-147.17	-54.99	-184.19	-18.50	-219.64	216.80
4549	-11.25	-2.50	13.78	-178.77	-85.27	-249.74	-60.29	-268.09	105.28
4550	-10.27	-2.50	13.78	-192.42	-120.55	-331.79	-109.48	-314.23	-32.63
4551	-9.29	-2.50	13.78	-177.28	-159.84	-435.51	-157.75	-341.85	-203.77
4552	-8.31	-2.50	13.78	-129.95	-195.35	-538.57	-184.24	-320.82	-400.24
4553	-7.34	-2.50	13.78	-108.80	-223.01	-609.92	-161.93	-257.55	-589.88
4554	-6.36	-2.50	13.78	-88.63	-236.58	-622.51	-130.80	-169.34	-745.52

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]
4555	-5.38	-2.50	13.78	-124.52	-230.38	-568.07	-52.78	-81.70	-845.93
4556	-4.40	-2.50	13.78	-171.54	-212.22	-465.52	6.88	-45.28	-871.65
4557	-3.42	-2.50	13.78	-227.80	-196.88	-367.74	33.84	-57.25	-852.97
4558	-2.45	-2.50	13.78	-248.02	-185.83	-307.27	34.62	-113.23	-821.23
4559	-1.47	-2.50	13.78	-247.85	-185.61	-304.42	22.93	-171.05	-793.38
4560	-0.49	-2.50	13.78	-243.15	-192.05	-342.73	3.21	-219.00	-774.06
4561	-15.47	-3.10	12.09	-42.54	43.97	-0.64	61.99	-106.58	386.59
4562	-14.47	-3.10	12.09	-55.73	13.10	-70.51	9.11	-160.41	340.17
4563	-13.48	-3.10	12.09	-68.74	-19.52	-132.73	-41.58	-199.49	274.42
4564	-12.48	-3.10	12.09	-79.48	-53.43	-187.93	-90.77	-228.32	190.96
4565	-11.48	-3.10	12.09	-84.34	-89.31	-238.78	-139.03	-247.50	88.98
4566	-10.48	-3.10	12.09	-80.95	-127.29	-285.91	-184.48	-253.98	-32.66
4567	-9.48	-3.10	12.09	-71.00	-166.08	-325.67	-221.73	-243.58	-172.59
4568	-8.49	-3.10	12.09	-60.92	-203.00	-350.69	-244.02	-215.09	-324.53
4569	-7.49	-3.10	12.09	-57.74	-234.80	-352.31	-249.72	-172.37	-479.19
4570	-6.49	-3.10	12.09	-72.42	-256.93	-325.95	-229.25	-126.93	-622.52
4571	-5.49	-3.10	12.09	-98.01	-267.60	-275.41	-197.04	-94.01	-741.83
4572	-4.49	-3.10	12.09	-135.39	-269.34	-217.12	-153.40	-83.92	-830.16
4573	-3.49	-3.10	12.09	-167.11	-267.76	-169.47	-110.48	-100.04	-883.07
4574	-2.50	-3.10	12.09	-187.44	-266.00	-146.79	-76.89	-132.65	-909.57
4575	-1.50	-3.10	12.09	-193.02	-264.44	-153.70	-53.40	-172.30	-921.45
4576	-0.50	-3.10	12.09	-187.18	-264.95	-190.75	-36.66	-210.44	-925.83
4577	-15.58	-2.50	12.09	-42.45	42.94	-44.16	63.78	-107.53	390.80
4578	-14.57	-2.50	12.09	-65.22	15.64	-117.71	8.11	-174.82	344.16
4579	-13.57	-2.50	12.09	-87.20	-13.57	-187.92	-44.98	-227.73	277.25
4580	-12.56	-2.50	12.09	-106.36	-44.28	-255.61	-96.80	-272.43	191.39
4581	-11.56	-2.50	12.09	-117.71	-77.24	-325.42	-147.90	-309.74	85.67
4582	-10.55	-2.50	12.09	-116.57	-112.76	-400.25	-196.21	-335.19	-41.30
4583	-9.55	-2.50	12.09	-102.41	-149.87	-476.46	-235.77	-340.61	-188.02
4584	-8.54	-2.50	12.09	-84.56	-187.05	-545.17	-259.18	-322.15	-347.79
4585	-7.54	-2.50	12.09	-66.48	-220.66	-592.50	-263.76	-278.92	-510.01
4586	-6.53	-2.50	12.09	-68.58	-247.72	-606.99	-240.82	-221.18	-658.88
4587	-5.53	-2.50	12.09	-86.48	-267.51	-586.44	-204.47	-167.78	-779.43
4588	-4.52	-2.50	12.09	-122.12	-280.82	-542.80	-157.03	-133.00	-866.15
4589	-3.52	-2.50	12.09	-156.86	-288.79	-494.11	-111.82	-126.61	-917.96
4590	-2.51	-2.50	12.09	-184.89	-295.08	-461.96	-76.58	-143.35	-943.27
4591	-1.51	-2.50	12.09	-196.76	-300.24	-458.94	-51.81	-174.87	-952.96
4592	-0.50	-2.50	12.09	-194.75	-305.26	-490.34	-34.23	-208.65	-955.17
4593	-15.89	-3.10	10.41	-41.11	35.30	-89.94	43.04	-115.13	295.38
4594	-14.86	-3.10	10.41	-54.70	11.87	-136.65	-6.75	-177.58	266.70
4595	-13.84	-3.10	10.41	-63.59	-14.90	-185.82	-56.56	-224.70	217.77
4596	-12.81	-3.10	10.41	-68.31	-44.23	-234.34	-105.14	-257.92	150.35
4597	-11.79	-3.10	10.41	-68.39	-75.91	-280.63	-151.22	-278.06	65.22
4598	-10.76	-3.10	10.41	-63.90	-109.52	-323.07	-192.61	-284.75	-36.43
4599	-9.74	-3.10	10.41	-56.48	-144.22	-358.77	-226.34	-277.43	-152.18
4600	-8.71	-3.10	10.41	-49.52	-178.59	-383.47	-249.18	-256.75	-277.90
4601	-7.69	-3.10	10.41	-47.82	-210.69	-393.02	-257.50	-226.32	-407.02
4602	-6.66	-3.10	10.41	-53.96	-238.96	-385.58	-251.64	-192.51	-531.69
4603	-5.64	-3.10	10.41	-69.89	-262.24	-363.79	-231.04	-163.26	-644.14
4604	-4.61	-3.10	10.41	-90.55	-279.47	-334.48	-200.51	-145.54	-738.33
4605	-3.59	-3.10	10.41	-111.47	-290.78	-308.08	-163.87	-142.07	-811.61
4606	-2.56	-3.10	10.41	-126.11	-297.98	-294.49	-125.53	-151.30	-863.20
4607	-1.54	-3.10	10.41	-131.25	-302.99	-300.51	-88.57	-167.78	-895.24
4608	-0.51	-3.10	10.41	-125.16	-306.47	-328.83	-53.71	-185.50	-911.13
4609	-15.99	-2.50	10.41	-43.19	32.12	-151.64	44.58	-123.45	297.88
4610	-14.96	-2.50	10.41	-64.07	11.73	-199.54	-7.29	-196.72	270.07
4611	-13.93	-2.50	10.41	-79.19	-11.79	-254.50	-59.14	-255.08	220.96
4612	-12.89	-2.50	10.41	-89.07	-37.74	-313.17	-110.04	-300.53	152.09
4613	-11.86	-2.50	10.41	-92.49	-66.02	-374.52	-158.55	-333.48	64.26
4614	-10.83	-2.50	10.41	-88.63	-96.40	-437.40	-202.33	-352.57	-41.35
4615	-9.80	-2.50	10.41	-78.81	-128.37	-498.95	-238.11	-355.80	-162.26
4616	-8.77	-2.50	10.41	-65.78	-160.73	-553.72	-262.25	-341.69	-293.93
4617	-7.74	-2.50	10.41	-56.43	-192.07	-595.23	-270.90	-312.36	-429.24
4618	-6.71	-2.50	10.41	-53.95	-220.71	-618.36	-264.10	-273.57	-559.80
4619	-5.67	-2.50	10.41	-62.46	-245.11	-622.48	-241.65	-233.74	-677.46
4620	-4.64	-2.50	10.41	-78.42	-264.47	-612.50	-208.61	-201.86	-775.24
4621	-3.61	-2.50	10.41	-97.98	-279.26	-598.43	-169.30	-182.98	-850.07
4622	-2.58	-2.50	10.41	-113.28	-289.86	-590.87	-128.54	-177.75	-902.10
4623	-1.55	-2.50	10.41	-120.14	-297.19	-598.87	-89.45	-181.86	-934.21
4624	-0.52	-2.50	10.41	-115.26	-301.73	-627.71	-52.64	-189.30	-949.80
4625	-16.31	-3.10	8.72	-42.03	12.94	-192.42	31.45	-125.68	212.31
4626	-15.25	-3.10	8.72	-57.74	-3.01	-215.04	-9.04	-189.25	194.05
4627	-14.20	-3.10	8.72	-67.15	-22.17	-245.06	-51.04	-239.37	158.10
4628	-13.15	-3.10	8.72	-71.18	-43.99	-279.23	-92.74	-275.61	105.57
4629	-12.10	-3.10	8.72	-70.52	-68.22	-314.91	-132.46	-298.24	37.49
4630	-11.05	-3.10	8.72	-66.04	-94.44	-349.72	-168.21	-307.71	-44.60
4631	-9.99	-3.10	8.72	-59.22	-122.05	-381.05	-197.73	-304.69	-138.36
4632	-8.94	-3.10	8.72	-52.32	-150.19	-406.11	-218.68	-290.64	-240.36
4633	-7.89	-3.10	8.72	-47.74	-177.80	-422.45	-229.32	-268.25	-346.17
4634	-6.84	-3.10	8.72	-47.54	-203.59	-429.02	-228.43	-241.54	-450.59
4635	-5.79	-3.10	8.72	-51.88	-226.39	-426.91	-216.54	-215.13	-548.29
4636	-4.73	-3.10	8.72	-59.80	-245.57	-419.73	-194.84	-193.10	-634.51
4637	-3.68	-3.10	8.72	-68.15	-260.76	-412.73	-165.76	-177.91	-705.75
4638	-2.63	-3.10	8.72	-73.67	-271.84	-411.76	-131.73	-169.55	-760.16
4639	-1.58	-3.10	8.72	-73.17	-279.10	-421.70	-94.96	-165.69	-797.05
4640	-0.53	-3.10	8.72	-64.92	-283.04	-445.29	-57.07	-162.20	-816.48
4641	-16.40	-2.50	8.72	-45.39	8.18	-267.19	32.31	-139.34	213.49
4642	-15.34	-2.50	8.72	-66.32	-5.67	-289.57	-9.40	-210.92	196.71
4643	-14.29	-2.50	8.72	-80.03	-22.31	-323.11	-52.79	-269.56	161.35
4644	-13.23	-2.50	8.72	-87.36	-41.31	-364.36	-96.17	-314.84	108.29
4645	-12.17	-2.50	8.72	-88.60	-62.49	-410.88	-137.71	-346.59	38.59
4646	-11.11	-2.50	8.72	-84.22	-85.61	-460.36	-175.29	-364.58	-46.18
4647	-10.05	-2.50	8.72	-75.41	-110.22	-509.98	-206.46	-368.56	-143.58
4648	-9.00	-2.50	8.72	-64.65	-135.69	-556.21	-228.67	-359.03	-250.01
4649	-7.94	-2.50	8.72	-54.60	-161.08	-595.34	-239.94	-337.82	-360.73
4650	-6.88	-2.50	8.72	-48.38	-185.34	-624.65	-238.94	-308.48	-470.09
4651	-5.82	-2.50	8.72	-47.00	-207.45	-643.49	-226.14	-275.82	-572.27
4652	-4.76	-2.50	8.72	-50.25	-226.54	-654.00	-202.86	-244.63	-662.29
4653	-3.70	-2.50	8.72	-55.30	-241.94	-660.69	-171.72	-218.44	-736.43



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]
4654	-2.65	-2.50	8.72	-58.98	-253.52	-669.43	-135.44	-198.25	-792.66
4655	-1.59	-2.50	8.72	-57.67	-261.39	-685.54	-96.40	-182.51	-830.34
4656	-0.53	-2.50	8.72	-49.13	-265.71	-712.45	-56.34	-167.39	-849.74
4657	-16.72	-3.10	7.03	-44.87	-16.23	-299.35	24.94	-139.60	143.58
4658	-15.64	-3.10	7.03	-63.46	-26.18	-299.29	-4.91	-201.04	130.53
4659	-14.56	-3.10	7.03	-75.49	-38.33	-308.18	-37.20	-250.51	102.80
4660	-13.49	-3.10	7.03	-81.37	-52.58	-324.23	-70.21	-286.95	61.17
4661	-12.41	-3.10	7.03	-81.76	-68.87	-345.42	-102.33	-310.36	6.54
4662	-11.33	-3.10	7.03	-77.65	-86.97	-369.56	-131.77	-321.36	-59.62
4663	-10.25	-3.10	7.03	-70.46	-106.53	-394.31	-156.68	-321.02	-135.29
4664	-9.17	-3.10	7.03	-61.91	-126.99	-417.35	-175.28	-310.88	-217.76
4665	-8.09	-3.10	7.03	-53.75	-147.65	-436.73	-186.11	-293.07	-303.72
4666	-7.01	-3.10	7.03	-47.32	-167.71	-451.29	-188.31	-270.21	-389.40
4667	-5.93	-3.10	7.03	-43.26	-186.32	-461.18	-181.65	-245.21	-470.86
4668	-4.85	-3.10	7.03	-41.05	-202.70	-467.85	-166.75	-220.68	-544.42
4669	-3.78	-3.10	7.03	-39.45	-216.26	-473.94	-144.80	-198.30	-606.95
4670	-2.70	-3.10	7.03	-36.57	-226.67	-482.47	-117.40	-178.47	-656.06
4671	-1.62	-3.10	7.03	-30.71	-233.76	-496.10	-86.26	-160.11	-690.23
4672	-0.54	-3.10	7.03	-20.73	-237.48	-516.32	-52.97	-141.00	-708.55
4673	-16.82	-2.50	7.03	-48.95	-22.23	-382.32	24.99	-156.98	144.03
4674	-15.73	-2.50	7.03	-71.21	-31.01	-381.35	-5.33	-224.26	132.70
4675	-14.65	-2.50	7.03	-86.32	-41.53	-391.93	-38.31	-279.99	105.98
4676	-13.56	-2.50	7.03	-94.50	-53.75	-412.33	-72.32	-322.96	64.46
4677	-12.48	-2.50	7.03	-96.10	-67.67	-440.69	-105.63	-352.76	9.06
4678	-11.39	-2.50	7.03	-91.89	-83.20	-474.85	-136.35	-369.54	-58.74
4679	-10.31	-2.50	7.03	-83.19	-100.11	-512.28	-162.47	-373.83	-136.84
4680	-9.22	-2.50	7.03	-71.77	-117.99	-550.18	-182.07	-366.59	-222.39
4681	-8.14	-2.50	7.03	-59.71	-136.27	-585.80	-193.54	-349.47	-311.89
4682	-7.05	-2.50	7.03	-48.76	-154.25	-617.01	-195.88	-324.80	-401.29
4683	-5.97	-2.50	7.03	-40.10	-171.15	-642.86	-188.83	-295.46	-486.40
4684	-4.88	-2.50	7.03	-33.71	-186.23	-663.87	-173.03	-264.32	-563.21
4685	-3.80	-2.50	7.03	-28.69	-198.92	-681.96	-149.73	-233.56	-628.36
4686	-2.71	-2.50	7.03	-23.28	-208.75	-699.75	-120.68	-204.14	-679.36
4687	-1.63	-2.50	7.03	-15.75	-215.46	-719.83	-87.70	-175.47	-714.59
4688	-0.54	-2.50	7.03	-4.82	-218.93	-743.73	-52.53	-145.66	-733.15
4689	-17.14	-3.10	5.34	-50.61	-48.05	-407.75	23.25	-157.81	89.87
4690	-16.03	-3.10	5.34	-72.44	-53.33	-385.62	3.03	-216.08	77.96
4691	-14.93	-3.10	5.34	-88.30	-59.43	-372.24	-19.80	-262.49	54.15
4692	-13.82	-3.10	5.34	-97.10	-66.78	-367.97	-44.35	-295.91	18.94
4693	-12.72	-3.10	5.34	-98.93	-75.61	-372.26	-69.21	-316.83	-26.71
4694	-11.61	-3.10	5.34	-94.82	-85.97	-383.54	-92.78	-326.41	-81.44
4695	-10.50	-3.10	5.34	-86.34	-97.73	-399.61	-113.41	-326.00	-143.56
4696	-9.40	-3.10	5.34	-75.24	-110.60	-418.11	-129.58	-317.06	-210.93
4697	-8.29	-3.10	5.34	-63.15	-124.11	-436.94	-140.08	-301.21	-281.05
4698	-7.19	-3.10	5.34	-51.37	-137.70	-454.63	-144.04	-280.22	-351.08
4699	-6.08	-3.10	5.34	-40.62	-150.73	-470.46	-141.15	-255.91	-418.05
4700	-4.98	-3.10	5.34	-31.03	-162.61	-484.64	-131.60	-229.93	-479.08
4701	-3.87	-3.10	5.34	-22.13	-172.76	-498.05	-116.08	-203.46	-531.53
4702	-2.76	-3.10	5.34	-13.15	-180.74	-511.94	-95.65	-176.92	-573.25
4703	-1.66	-3.10	5.34	-3.27	-186.25	-527.40	-71.62	-149.96	-602.58
4704	-0.55	-3.10	5.34	7.96	-189.14	-544.89	-45.44	-121.54	-618.40
4705	-17.23	-2.50	5.34	-55.08	-55.36	-495.35	22.56	-177.81	90.17
4706	-16.12	-2.50	5.34	-79.71	-60.24	-471.91	2.48	-240.63	79.95
4707	-15.01	-2.50	5.34	-97.96	-65.51	-458.67	-20.45	-291.63	57.29
4708	-13.90	-2.50	5.34	-108.55	-71.58	-456.39	-45.39	-329.60	22.51
4709	-12.78	-2.50	5.34	-111.27	-78.75	-464.82	-70.88	-354.78	-23.39
4710	-11.67	-2.50	5.34	-107.02	-87.15	-482.48	-95.23	-368.06	-79.06
4711	-10.56	-2.50	5.34	-97.31	-96.77	-507.03	-116.68	-370.46	-142.71
4712	-9.45	-2.50	5.34	-83.99	-107.43	-535.76	-133.59	-363.12	-212.14
4713	-8.34	-2.50	5.34	-68.89	-118.77	-566.05	-144.63	-347.33	-284.69
4714	-7.23	-2.50	5.34	-53.59	-130.34	-595.73	-148.85	-324.67	-357.36
4715	-6.11	-2.50	5.34	-39.15	-141.59	-623.41	-145.85	-296.89	-426.98
4716	-5.00	-2.50	5.34	-26.04	-151.93	-648.56	-135.82	-265.74	-490.46
4717	-3.89	-2.50	5.34	-14.05	-160.85	-671.50	-119.47	-232.62	-545.00
4718	-2.78	-2.50	5.34	-2.59	-167.90	-693.05	-97.94	-198.27	-588.27
4719	-1.67	-2.50	5.34	9.06	-172.77	-714.02	-72.64	-162.67	-618.53
4720	-0.56	-2.50	5.34	21.34	-175.25	-734.73	-45.11	-125.09	-634.60
4721	14.34	-2.50	17.16	-47.24	-191.41	36.54	-233.81	7.22	280.98
4722	13.41	-2.50	17.16	-71.86	-156.36	-5.51	-407.19	-9.68	189.57
4723	12.49	-2.50	17.16	-107.76	-122.80	-22.09	-555.65	-0.02	148.45
4724	11.56	-2.50	17.16	-168.41	-92.30	-33.96	-689.36	24.73	120.68
4725	10.64	-2.50	17.16	-269.50	-66.17	-53.26	-810.78	66.52	92.13
4726	9.71	-2.50	17.16	-434.73	-49.92	-97.24	-914.97	141.68	51.07
4727	8.79	-2.50	17.16	-706.29	-59.32	-210.07	-987.10	296.99	-21.31
4728	7.86	-2.50	17.16	-1168.18	-132.36	-515.31	-999.49	665.40	-159.26
4729	6.94	-2.50	17.16	-2051.14	-515.05	-2390.68	-950.13	1821.83	-408.76
4730	6.01	-2.50	17.16	-491.80	-612.89	-3906.18	-284.62	202.15	-486.24
4731	5.09	-2.50	17.16	-700.07	-330.00	-2389.05	-264.03	-1075.38	-323.53
4732	4.16	-2.50	17.16	-366.73	85.09	-717.58	-123.77	-394.01	52.94
4733	3.24	-2.50	17.16	-211.97	219.97	-502.21	-19.92	-213.17	205.07
4734	2.31	-2.50	17.16	-133.73	307.64	-419.91	40.09	-160.01	232.52
4735	1.39	-2.50	17.16	-87.76	363.63	-375.52	79.59	-145.24	218.19
4736	0.46	-2.50	17.16	-56.95	399.10	-338.08	113.35	-142.36	189.80
4737	14.22	-3.10	17.16	-67.85	-203.72	38.04	-241.59	21.25	278.07
4738	13.31	-3.10	17.16	-104.51	-158.72	-1.31	-409.83	-2.30	189.26
4739	12.39	-3.10	17.16	-148.14	-115.64	-17.06	-553.79	1.78	148.50
4740	11.47	-3.10	17.16	-210.81	-74.27	-27.86	-682.84	19.80	120.86
4741	10.55	-3.10	17.16	-305.01	-35.00	-44.02	-799.45	51.68	92.42
4742	9.64	-3.10	17.16	-447.72	-1.72	-79.14	-899.16	108.89	51.62
4743	8.72	-3.10	17.16	-667.76	11.31	-166.42	-970.20	225.25	-20.38
4744	7.80	-3.10	17.16	-1014.96	-29.42	-400.05	-986.97	497.49	-155.94
4745	6.88	-3.10	17.16	-1645.55	-306.36	-1766.30	-949.73	1327.32	-393.71
4746	5.97	-3.10	17.16	-410.60	-419.09	-2815.81	-275.31	129.98	-476.79
4747	5.05	-3.10	17.16	-482.74	-243.70	-2037.97	-207.41	-525.65	-155.32
4748	4.13	-3.10	17.16	-381.28	-21.04	-1414.25	-40.72	-297.44	407.33
4749	3.21	-3.10	17.16	-324.58	100.59	-1372.26	64.40	-256.22	539.13
4750	2.29	-3.10	17.16	-278.58	191.54	-1331.81	118.46	-252.26	551.52
4751	1.38	-3.10	17.16	-234.49	256.77	-1273.67	154.94	-259.98	514.36
4752	0.46	-3.10	17.16	-195.33	304.54	-1194.47	191.72	-268.17	458.93

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]
4753	14.75	-2.50	15.47	-49.06	-70.13	89.96	-151.33	51.59	523.32
4754	13.80	-2.50	15.47	-96.31	-90.26	-12.89	-178.32	67.49	410.18
4755	12.85	-2.50	15.47	-168.57	-101.87	-74.84	-211.93	101.35	317.99
4756	11.89	-2.50	15.47	-257.92	-113.08	-127.74	-232.77	161.89	233.96
4757	10.94	-2.50	15.47	-362.14	-130.12	-200.30	-231.47	256.23	139.16
4758	9.99	-2.50	15.47	-475.01	-159.32	-330.74	-201.97	396.61	13.18
4759	9.04	-2.50	15.47	-569.11	-208.12	-589.74	-144.03	596.02	-167.38
4760	8.09	-2.50	15.47	-551.83	-287.18	-1145.49	-76.65	827.86	-422.44
4761	7.14	-2.50	15.47	-28.52	-296.70	-1738.26	-62.57	608.09	-699.78
4762	6.18	-2.50	15.47	8.68	-294.41	-2034.59	-286.41	145.59	-842.75
4763	5.23	-2.50	15.47	-90.42	-278.66	-1898.91	-371.97	-366.98	-726.00
4764	4.28	-2.50	15.47	-379.60	-231.51	-1382.04	-333.01	-607.18	-514.81
4765	3.33	-2.50	15.47	-389.31	-127.80	-877.56	-227.09	-467.11	-344.03
4766	2.38	-2.50	15.47	-338.99	-69.35	-646.48	-128.84	-351.57	-260.44
4767	1.43	-2.50	15.47	-282.04	-39.70	-516.57	-52.96	-281.98	-234.48
4768	0.48	-2.50	15.47	-239.68	-23.46	-429.44	10.31	-243.89	-239.53
4769	14.64	-3.10	15.47	-58.83	-78.45	98.32	-154.64	68.61	515.84
4770	13.70	-3.10	15.47	-98.76	-97.61	3.11	-181.62	71.87	405.44
4771	12.75	-3.10	15.47	-161.81	-107.00	-53.96	-213.81	92.44	314.58
4772	11.81	-3.10	15.47	-237.33	-115.27	-100.68	-233.39	135.34	231.56
4773	10.86	-3.10	15.47	-321.06	-128.53	-160.96	-231.39	204.08	138.09
4774	9.92	-3.10	15.47	-405.81	-152.39	-264.49	-202.02	305.18	14.42
4775	8.97	-3.10	15.47	-468.52	-192.26	-463.24	-144.64	443.92	-162.37
4776	8.03	-3.10	15.47	-440.92	-252.55	-873.65	-76.71	593.30	-412.50
4777	7.08	-3.10	15.47	-48.65	-252.36	-1293.75	-55.90	402.83	-688.81
4778	6.14	-3.10	15.47	-53.47	-217.13	-1501.68	-272.89	64.11	-841.25
4779	5.20	-3.10	15.47	-120.64	-121.26	-1386.99	-356.41	-316.63	-793.77
4780	4.25	-3.10	15.47	-264.92	21.71	-1009.01	-321.42	-459.65	-669.29
4781	3.31	-3.10	15.47	-279.06	146.07	-689.21	-225.97	-391.80	-534.59
4782	2.36	-3.10	15.47	-252.17	213.72	-521.76	-144.07	-323.99	-469.01
4783	1.42	-3.10	15.47	-208.88	235.34	-408.30	-78.91	-279.63	-441.47
4784	0.47	-3.10	15.47	-171.36	236.02	-317.56	-14.57	-258.71	-437.05
4785	15.16	-2.50	13.78	-52.95	3.46	66.76	-119.05	97.14	535.89
4786	14.18	-2.50	13.78	-94.26	-32.06	-51.78	-83.53	158.07	455.40
4787	13.21	-2.50	13.78	-147.45	-63.77	-148.19	-53.59	214.23	361.71
4788	12.23	-2.50	13.78	-204.36	-94.42	-242.35	-20.44	280.99	255.67
4789	11.25	-2.50	13.78	-251.84	-127.93	-358.83	21.78	363.03	130.43
4790	10.27	-2.50	13.78	-270.46	-167.16	-525.18	72.23	453.82	-23.71
4791	9.29	-2.50	13.78	-230.95	-211.82	-766.45	119.96	524.33	-212.34
4792	8.31	-2.50	13.78	-101.10	-248.56	-1038.84	140.64	492.20	-422.26
4793	7.34	-2.50	13.78	-31.65	-284.83	-1281.45	111.62	366.80	-619.01
4794	6.36	-2.50	13.78	63.52	-299.32	-1414.19	69.23	148.02	-770.50
4795	5.38	-2.50	13.78	42.34	-290.40	-1381.79	-10.76	-107.84	-861.28
4796	4.40	-2.50	13.78	-44.27	-265.61	-1189.80	-71.13	-304.29	-873.61
4797	3.42	-2.50	13.78	-172.57	-244.85	-923.52	-87.12	-387.05	-839.44
4798	2.45	-2.50	13.78	-229.98	-221.32	-680.72	-73.54	-359.34	-800.63
4799	1.47	-2.50	13.78	-244.18	-207.66	-518.67	-49.06	-308.35	-775.84
4800	0.49	-2.50	13.78	-242.94	-199.55	-412.55	-22.05	-261.63	-767.30
4801	15.06	-3.10	13.78	-57.79	-1.28	94.94	-118.75	105.64	527.41
4802	14.09	-3.10	13.78	-87.52	-39.86	-17.24	-85.32	150.89	447.71
4803	13.11	-3.10	13.78	-128.33	-73.68	-105.76	-56.33	191.14	355.10
4804	12.14	-3.10	13.78	-171.46	-105.82	-188.73	-24.23	237.98	250.75
4805	11.17	-3.10	13.78	-204.89	-140.23	-286.07	16.42	294.21	128.03
4806	10.20	-3.10	13.78	-212.79	-179.31	-418.50	64.68	352.80	-22.18
4807	9.23	-3.10	13.78	-174.18	-221.85	-602.26	110.24	389.31	-205.12
4808	8.26	-3.10	13.78	-70.70	-255.31	-800.77	130.34	342.76	-408.45
4809	7.29	-3.10	13.78	-19.31	-280.98	-967.61	103.36	225.57	-600.06
4810	6.31	-3.10	13.78	50.52	-281.03	-1043.27	67.64	39.93	-751.07
4811	5.34	-3.10	13.78	22.16	-265.87	-994.07	-5.02	-164.03	-838.08
4812	4.37	-3.10	13.78	-63.41	-237.98	-826.61	-62.62	-315.92	-850.09
4813	3.40	-3.10	13.78	-157.86	-199.49	-603.44	-80.85	-369.40	-825.29
4814	2.43	-3.10	13.78	-203.04	-165.63	-408.33	-70.77	-345.37	-791.51
4815	1.46	-3.10	13.78	-214.80	-146.06	-275.04	-49.04	-303.40	-765.78
4816	0.49	-3.10	13.78	-214.13	-135.60	-181.69	-21.55	-267.13	-754.08
4817	15.58	-2.50	12.09	-55.03	21.29	-27.74	-98.03	128.21	485.01
4818	14.57	-2.50	12.09	-87.68	-9.01	-119.56	-52.02	210.89	427.93
4819	13.57	-2.50	12.09	-117.23	-40.08	-216.52	-5.37	277.04	347.83
4820	12.56	-2.50	12.09	-140.52	-71.85	-321.33	43.20	336.30	246.78
4821	11.56	-2.50	12.09	-149.05	-105.35	-443.07	93.37	389.98	124.59
4822	10.55	-2.50	12.09	-133.00	-141.15	-589.17	141.70	429.46	-19.31
4823	9.55	-2.50	12.09	-87.74	-178.05	-753.88	180.71	435.73	-181.99
4824	8.54	-2.50	12.09	-32.64	-216.08	-922.15	202.39	398.27	-355.38
4825	7.54	-2.50	12.09	36.46	-249.23	-1062.90	202.82	303.90	-526.66
4826	6.53	-2.50	12.09	67.55	-277.42	-1142.97	175.85	163.67	-678.99
4827	5.53	-2.50	12.09	65.81	-298.55	-1140.62	135.57	9.58	-796.74
4828	4.52	-2.50	12.09	20.50	-312.25	-1061.70	88.17	-126.81	-876.97
4829	3.52	-2.50	12.09	-42.49	-316.81	-929.66	45.04	-218.56	-922.44
4830	2.51	-2.50	12.09	-109.02	-317.57	-782.75	14.37	-259.85	-942.89
4831	1.51	-2.50	12.09	-154.81	-314.54	-652.10	-5.61	-259.19	-950.80
4832	0.50	-2.50	12.09	-181.44	-310.15	-554.62	-20.18	-238.39	-954.07
4833	15.47	-3.10	12.09	-56.28	18.41	25.30	-96.54	127.19	476.24
4834	14.47	-3.10	12.09	-78.64	-15.55	-63.59	-52.30	194.45	418.22
4835	13.48	-3.10	12.09	-98.27	-49.91	-153.43	-7.17	245.33	338.32
4836	12.48	-3.10	12.09	-112.21	-84.79	-246.54	39.54	287.41	238.80
4837	11.48	-3.10	12.09	-113.44	-121.09	-349.69	87.45	321.62	119.37
4838	10.48	-3.10	12.09	-94.74	-159.11	-467.66	133.15	340.79	-20.35
4839	9.48	-3.10	12.09	-54.04	-197.28	-594.54	169.60	330.21	-177.45
4840	8.49	-3.10	12.09	-7.75	-234.45	-717.12	189.46	282.60	-344.20
4841	7.49	-3.10	12.09	45.34	-264.79	-810.24	189.56	189.73	-508.69
4842	6.49	-3.10	12.09	63.26	-287.09	-848.76	163.23	63.96	-655.34
4843	5.49	-3.10	12.09	53.04	-296.38	-818.47	124.37	-66.55	-771.08
4844	4.49	-3.10	12.09	9.45	-296.29	-728.83	79.15	-176.55	-850.75
4845	3.49	-3.10	12.09	-50.48	-292.06	-601.93	38.10	-246.72	-894.64
4846	2.50	-3.10	12.09	-108.12	-284.96	-466.91	8.84	-273.09	-914.29
4847	1.50	-3.10	12.09	-148.10	-276.31	-347.73	-9.80	-266.41	-922.31
4848	0.50	-3.10	12.09	-172.71	-268.98	-255.57	-23.42	-242.75	-925.73
4849	15.99	-2.50	10.41	-59.53	2.92	-145.46	-93.99	151.10	432.72
4850	14.96	-2.50	10.41	-85.87	-18.10	-198.12	-57.99	232.77	389.23
4851	13.93	-2.50	10.41	-101.49	-40.85	-272.10	-15.13	296.79	319.95

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]
4852	12.89	-2.50	10.41	-105.88	-64.86	-362.84	31.81	346.47	229.45
4853	11.86	-2.50	10.41	-97.48	-90.67	-468.60	80.31	382.31	120.24
4854	10.83	-2.50	10.41	-74.97	-118.44	-586.47	126.19	400.13	-5.10
4855	9.80	-2.50	10.41	-40.52	-148.06	-710.76	164.50	393.89	-143.26
4856	8.77	-2.50	10.41	3.00	-178.20	-829.79	190.29	356.47	-288.95
4857	7.74	-2.50	10.41	40.83	-208.08	-928.42	199.51	287.45	-434.57
4858	6.71	-2.50	10.41	67.41	-235.42	-991.12	192.03	193.16	-571.36
4859	5.67	-2.50	10.41	70.26	-258.71	-1008.48	168.71	86.32	-691.41
4860	4.64	-2.50	10.41	51.40	-276.90	-979.96	134.99	-15.38	-788.41
4861	3.61	-2.50	10.41	14.65	-290.45	-916.56	96.16	-98.01	-860.39
4862	2.58	-2.50	10.41	-27.83	-298.81	-834.40	56.53	-153.84	-909.08
4863	1.55	-2.50	10.41	-67.81	-303.05	-750.85	18.80	-183.58	-938.07
4864	0.52	-2.50	10.41	-97.74	-303.76	-679.22	-17.10	-192.55	-951.01
4865	15.89	-3.10	10.41	-59.08	0.78	-68.62	-92.52	142.17	423.44
4866	14.86	-3.10	10.41	-76.87	-23.18	-121.70	-57.01	210.28	377.91
4867	13.84	-3.10	10.41	-85.34	-48.93	-191.66	-15.05	261.44	308.07
4868	12.81	-3.10	10.41	-83.62	-76.04	-273.81	30.32	297.74	218.70
4869	11.79	-3.10	10.41	-71.37	-104.97	-365.55	76.67	319.97	111.98
4870	10.76	-3.10	10.41	-48.24	-135.66	-463.26	120.02	324.83	-9.64
4871	9.74	-3.10	10.41	-16.67	-167.65	-561.27	155.76	307.76	-142.91
4872	8.71	-3.10	10.41	19.95	-199.34	-649.40	179.37	263.93	-282.83
4873	7.69	-3.10	10.41	49.16	-229.48	-715.26	187.15	194.56	-422.15
4874	6.66	-3.10	10.41	66.32	-255.76	-747.15	179.40	106.59	-552.64
4875	5.64	-3.10	10.41	61.74	-277.51	-739.09	156.92	11.78	-666.69
4876	4.61	-3.10	10.41	38.03	-293.13	-692.77	124.64	-74.30	-758.95
4877	3.59	-3.10	10.41	0.84	-302.49	-619.34	87.60	-140.55	-827.82
4878	2.56	-3.10	10.41	-40.63	-307.23	-533.61	49.95	-181.84	-874.28
4879	1.54	-3.10	10.41	-78.67	-308.94	-450.04	14.10	-199.33	-901.53
4880	0.51	-3.10	10.41	-107.51	-308.52	-379.57	-19.98	-198.22	-913.14
4881	16.40	-2.50	8.72	-65.81	-36.47	-255.55	-112.23	171.61	411.44
4882	15.34	-2.50	8.72	-91.45	-50.11	-267.29	-92.53	238.93	366.64
4883	14.29	-2.50	8.72	-97.68	-61.80	-311.48	-62.60	289.62	297.58
4884	13.23	-2.50	8.72	-91.41	-75.35	-381.26	-20.10	329.80	209.87
4885	12.17	-2.50	8.72	-76.14	-91.08	-467.03	27.54	357.67	109.93
4886	11.11	-2.50	8.72	-52.94	-108.96	-561.99	73.70	369.59	0.53
4887	10.05	-2.50	8.72	-23.19	-128.78	-659.53	113.27	361.80	-116.25
4888	9.00	-2.50	8.72	8.84	-150.20	-751.94	142.43	332.22	-237.46
4889	7.94	-2.50	8.72	38.78	-172.30	-830.27	158.74	281.15	-358.89
4890	6.88	-2.50	8.72	59.60	-194.13	-886.22	161.06	212.54	-475.33
4891	5.82	-2.50	8.72	67.91	-214.50	-914.16	150.20	133.93	-581.38
4892	4.76	-2.50	8.72	61.60	-232.30	-913.31	128.09	54.33	-672.61
4893	3.70	-2.50	8.72	43.46	-246.54	-887.76	97.70	-17.52	-745.98
4894	2.65	-2.50	8.72	17.86	-257.02	-845.81	62.08	-75.90	-800.10
4895	1.59	-2.50	8.72	-9.07	-263.61	-797.13	23.58	-118.77	-834.98
4896	0.53	-2.50	8.72	-32.54	-266.47	-750.61	-16.16	-147.91	-851.31
4897	16.31	-3.10	8.72	-63.72	-37.98	-157.58	-111.13	156.36	400.28
4898	15.25	-3.10	8.72	-83.53	-54.26	-172.86	-89.72	211.93	352.98
4899	14.20	-3.10	8.72	-83.15	-67.77	-217.20	-59.55	251.99	283.40
4900	13.15	-3.10	8.72	-72.64	-83.77	-283.30	-18.08	282.85	196.80
4901	12.10	-3.10	8.72	-55.46	-102.12	-360.33	27.66	301.80	99.11
4902	11.05	-3.10	8.72	-32.67	-122.62	-441.61	71.42	305.40	-7.08
4903	9.99	-3.10	8.72	-5.71	-144.91	-521.12	108.45	290.83	-119.80
4904	8.94	-3.10	8.72	21.59	-168.46	-592.20	135.28	257.07	-236.26
4905	7.89	-3.10	8.72	45.21	-192.19	-647.50	149.80	205.40	-352.43
4906	6.84	-3.10	8.72	59.36	-214.98	-680.69	151.03	140.28	-463.44
4907	5.79	-3.10	8.72	61.51	-235.42	-688.13	139.92	69.00	-564.29
4908	4.73	-3.10	8.72	50.56	-252.72	-670.58	118.42	-0.38	-650.79
4909	3.68	-3.10	8.72	29.27	-266.31	-632.83	89.29	-60.32	-720.13
4910	2.63	-3.10	8.72	2.26	-275.88	-583.03	55.31	-106.18	-771.16
4911	1.58	-3.10	8.72	-25.11	-281.60	-530.22	18.71	-136.83	-803.85
4912	0.53	-3.10	8.72	-48.50	-283.89	-482.43	-19.03	-154.19	-818.77
4913	16.82	-2.50	7.03	-86.64	-97.32	-337.76	-138.76	196.89	448.03
4914	15.73	-2.50	7.03	-95.43	-87.88	-306.62	-183.29	223.12	382.00
4915	14.65	-2.50	7.03	-86.54	-90.23	-336.25	-152.57	258.86	279.41
4916	13.56	-2.50	7.03	-75.02	-95.90	-390.56	-99.88	295.24	180.43
4917	12.48	-2.50	7.03	-59.89	-102.74	-457.95	-43.56	322.10	84.60
4918	11.39	-2.50	7.03	-40.13	-110.95	-532.89	8.33	334.64	-11.44
4919	10.31	-2.50	7.03	-16.38	-121.05	-610.31	51.84	330.56	-109.40
4920	9.22	-2.50	7.03	9.26	-133.11	-684.60	84.81	309.12	-208.98
4921	8.14	-2.50	7.03	33.21	-146.79	-749.88	106.05	271.28	-308.22
4922	7.05	-2.50	7.03	52.09	-161.31	-800.80	115.19	219.83	-404.04
4923	5.97	-2.50	7.03	62.82	-175.76	-833.68	112.69	159.26	-492.88
4924	4.88	-2.50	7.03	64.30	-189.18	-847.29	99.80	95.11	-571.23
4925	3.80	-2.50	7.03	57.01	-200.80	-843.32	78.35	32.74	-636.21
4926	2.71	-2.50	7.03	43.37	-209.90	-825.74	50.41	-23.66	-685.79
4927	1.63	-2.50	7.03	26.50	-216.09	-799.91	18.09	-71.92	-718.76
4928	0.54	-2.50	7.03	9.65	-219.13	-771.19	-16.77	-112.02	-734.59
4929	16.72	-3.10	7.03	-87.86	-100.23	-218.84	-136.84	176.75	432.13
4930	15.64	-3.10	7.03	-82.74	-89.11	-196.14	-176.37	187.74	365.66
4931	14.56	-3.10	7.03	-69.48	-93.70	-233.86	-145.06	218.90	263.76
4932	13.49	-3.10	7.03	-56.64	-101.69	-288.62	-93.24	250.67	166.24
4933	12.41	-3.10	7.03	-41.87	-110.45	-351.30	-38.88	272.38	72.54
4934	11.33	-3.10	7.03	-23.72	-120.46	-417.46	10.46	279.82	-20.78
4935	10.25	-3.10	7.03	-2.75	-132.39	-482.78	51.29	271.48	-115.51
4936	9.17	-3.10	7.03	19.01	-146.27	-542.48	81.78	247.45	-211.40
4937	8.09	-3.10	7.03	38.29	-161.65	-591.69	101.00	209.31	-306.59
4938	7.01	-3.10	7.03	52.10	-177.63	-626.25	108.77	160.25	-398.16
4939	5.93	-3.10	7.03	57.95	-193.24	-643.68	105.58	104.73	-482.76
4940	4.85	-3.10	7.03	55.17	-207.46	-643.84	92.68	47.95	-557.14
4941	3.78	-3.10	7.03	44.66	-219.47	-629.11	71.82	-5.31	-618.62
4942	2.70	-3.10	7.03	28.82	-228.73	-603.81	45.00	-51.51	-665.32
4943	1.62	-3.10	7.03	10.74	-234.91	-573.31	14.14	-89.03	-696.13
4944	0.54	-3.10	7.03	-6.53	-237.85	-542.81	-19.03	-118.22	-710.57
4945	17.23	-2.50	5.34	-56.95	-80.42	-334.57	-509.65	173.46	676.26
4946	16.12	-2.50	5.34	-34.62	-99.40	-336.30	-384.44	172.70	362.96
4947	15.01	-2.50	5.34	-35.51	-112.15	-365.95	-277.70	217.63	215.78
4948	13.90	-2.50	5.34	-37.47	-117.24	-403.80	-187.43	257.83	116.47
4949	12.78	-2.50	5.34	-33.98	-118.30	-451.75	-112.39	285.76	33.05
4950	11.67	-2.50	5.34	-23.72	-118.50	-507.55	-51.34	299.66	-46.03

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]
4951	10.56	-2.50	5.34	-7.84	-119.97	-567.37	-3.26	299.07	-124.98
4952	9.45	-2.50	5.34	11.23	-123.64	-626.70	32.69	284.18	-204.67
4953	8.34	-2.50	5.34	30.58	-129.50	-681.03	57.13	256.01	-284.10
4954	7.23	-2.50	5.34	47.23	-137.04	-726.39	70.64	216.52	-361.18
4955	6.11	-2.50	5.34	58.91	-145.49	-759.88	73.94	168.63	-433.29
4956	5.00	-2.50	5.34	64.28	-154.01	-780.14	68.07	115.83	-497.70
4957	3.89	-2.50	5.34	63.23	-161.82	-787.48	54.39	61.68	-551.92
4958	2.78	-2.50	5.34	56.71	-168.28	-783.75	34.51	9.15	-593.90
4959	1.67	-2.50	5.34	46.39	-172.87	-771.75	10.14	-39.81	-622.18
4960	0.56	-2.50	5.34	34.08	-175.26	-754.54	-16.96	-84.45	-635.86
4961	17.14	-3.10	5.34	-26.62	-59.51	-181.73	-495.49	125.75	652.67
4962	16.03	-3.10	5.34	-10.07	-93.75	-226.82	-370.72	135.97	346.95
4963	14.93	-3.10	5.34	-15.39	-113.03	-262.75	-264.50	180.85	201.30
4964	13.82	-3.10	5.34	-19.93	-121.22	-301.54	-175.71	217.97	103.51
4965	12.72	-3.10	5.34	-18.67	-123.43	-347.15	-103.11	242.18	21.79
4966	11.61	-3.10	5.34	-10.73	-124.27	-397.80	-45.07	252.56	-55.27
4967	10.50	-3.10	5.34	2.56	-126.54	-449.99	-0.03	249.19	-131.90
4968	9.40	-3.10	5.34	18.60	-131.29	-499.73	33.22	232.78	-208.97
4969	8.29	-3.10	5.34	34.46	-138.43	-543.17	55.49	204.71	-285.52
4970	7.19	-3.10	5.34	47.35	-147.28	-577.11	67.41	167.22	-359.54
4971	6.08	-3.10	5.34	55.29	-156.92	-599.47	69.75	123.27	-428.52
4972	4.98	-3.10	5.34	57.26	-166.44	-609.66	63.51	76.18	-489.91
4973	3.87	-3.10	5.34	53.39	-175.04	-608.62	49.99	29.23	-541.38
4974	2.76	-3.10	5.34	44.80	-182.01	-598.59	30.71	-15.02	-581.04
4975	1.66	-3.10	5.34	33.20	-186.88	-582.62	7.29	-54.98	-607.56
4976	0.55	-3.10	5.34	20.41	-189.32	-563.85	-18.63	-90.28	-620.11
4977	-0.45	-3.95	17.16	-106.29	130.19	-610.00	52.08	-372.01	-1037.92
4978	-1.36	-3.95	17.16	-116.37	182.76	-502.71	91.85	-391.46	-1040.15
4979	-2.26	-3.95	17.16	-115.37	218.98	-337.34	87.41	-381.96	-1014.34
4980	-3.16	-3.96	17.16	-71.57	206.02	-58.14	94.32	-377.48	-948.59
4981	-4.07	-3.96	17.16	-30.22	185.79	306.11	144.88	-402.38	-859.24
4982	-4.97	-3.96	17.16	-30.45	193.68	730.62	190.18	-429.70	-733.65
4983	-5.87	-3.96	17.16	-59.56	252.38	1353.42	202.92	-383.21	-438.94
4984	-6.78	-3.96	17.16	-305.92	424.30	804.70	1040.02	454.84	-161.68
4985	-7.68	-3.96	17.16	-541.86	316.19	74.04	963.32	59.98	-87.17
4986	-8.59	-3.97	17.16	-534.37	257.79	1.61	884.39	-23.24	3.10
4987	-9.49	-3.97	17.16	-462.93	186.88	-12.33	800.44	-35.59	54.17
4988	-10.39	-3.97	17.16	-377.42	120.32	-12.30	704.88	-30.77	85.04
4989	-11.30	-3.97	17.16	-296.44	57.79	-9.68	600.90	-23.45	107.97
4990	-12.20	-3.97	17.16	-224.56	-1.41	-5.33	488.72	-18.93	132.10
4991	-13.11	-3.97	17.16	-159.69	-59.76	3.85	364.48	-22.89	170.11
4992	-14.01	-3.97	17.16	-95.03	-121.03	27.97	219.10	-49.44	256.22
4993	-0.44	-5.05	17.16	66.75	-206.19	429.90	-20.24	-383.80	-406.35
4994	-1.32	-5.06	17.16	223.12	121.34	1006.63	149.83	-708.06	-796.81
4995	-2.20	-5.06	17.16	98.27	340.14	1524.59	50.10	-360.74	-1052.29
4996	-3.08	-5.06	17.16	93.16	183.11	1268.83	-50.14	8.51	-627.59
4997	-3.97	-5.07	17.16	54.58	95.63	1031.02	67.97	-276.19	-172.67
4998	-4.85	-5.07	17.16	210.57	377.06	2140.08	150.58	-788.95	-352.94
4999	-5.73	-5.07	17.16	170.62	563.20	3603.30	133.96	-186.98	-284.40
5000	-6.61	-5.08	17.16	384.86	885.42	2071.17	1199.84	1527.35	152.25
5001	-7.49	-5.08	17.16	-267.15	559.20	283.75	922.03	367.53	44.52
5002	-8.37	-5.09	17.16	-450.95	385.49	84.74	823.09	106.05	46.58
5003	-9.25	-5.09	17.16	-468.81	270.47	25.28	737.32	22.99	69.68
5004	-10.13	-5.09	17.16	-424.70	174.60	8.24	651.23	-5.28	89.94
5005	-11.01	-5.10	17.16	-359.07	91.37	4.00	560.47	-16.22	108.05
5006	-11.90	-5.10	17.16	-287.23	15.86	5.24	462.76	-23.87	129.44
5007	-12.78	-5.11	17.16	-212.35	-56.62	11.69	353.87	-37.65	165.08
5008	-13.66	-5.11	17.16	-130.20	-131.21	29.44	225.73	-72.79	245.46
5009	-0.43	-6.15	17.16	183.70	32.54	596.28	74.30	-464.17	-377.43
5010	-1.28	-6.16	17.16	588.24	403.52	2013.42	301.14	-1282.89	-802.71
5011	-2.13	-6.16	17.16	256.26	562.80	3140.64	52.38	-351.19	-1030.70
5012	-2.99	-6.16	17.16	274.28	391.10	2150.88	-75.44	507.24	-690.71
5013	-3.84	-6.17	17.16	252.05	562.76	2203.58	198.95	-703.87	-1018.48
5014	-4.69	-6.17	17.16	420.71	882.94	4245.67	57.45	-610.87	-891.20
5015	-5.54	-6.18	17.16	950.23	1667.16	4229.05	587.13	1162.89	902.17
5016	-6.40	-6.18	17.16	501.16	1674.81	1880.46	1253.60	1426.55	1188.82
5017	-7.25	-6.18	17.16	-113.80	731.99	435.29	928.76	548.10	243.40
5018	-8.10	-6.19	17.16	-381.46	495.79	150.92	764.70	209.70	115.86
5019	-8.96	-6.19	17.16	-464.54	336.94	60.79	668.13	76.53	95.50
5020	-9.81	-6.20	17.16	-457.09	217.54	29.25	588.46	19.44	98.56
5021	-10.66	-6.20	17.16	-408.36	118.07	18.54	511.18	-8.87	108.63
5022	-11.51	-6.20	17.16	-340.14	30.37	16.52	429.67	-28.46	125.53
5023	-12.37	-6.21	17.16	-259.89	-52.33	19.88	338.59	-51.70	157.68
5024	-13.22	-6.21	17.16	-166.31	-136.71	30.87	231.02	-94.89	231.77
5025	-0.41	-7.25	17.16	296.20	224.95	1060.08	100.57	-604.62	-353.99
5026	-1.23	-7.25	17.16	870.79	660.47	3161.02	348.49	-1807.45	-805.30
5027	-2.05	-7.25	17.16	442.96	806.72	4741.53	47.29	-375.56	-1008.82
5028	-2.87	-7.26	17.16	507.37	639.33	3442.00	-92.16	680.47	-693.74
5029	-3.69	-7.26	17.16	531.15	826.81	4447.71	121.34	-1260.24	-804.14
5030	-4.51	-7.26	17.16	570.94	1107.65	7033.05	-44.41	76.77	-352.19
5031	-5.33	-7.26	17.16	1778.05	1648.71	4273.14	1112.48	3062.84	512.89
5032	-6.14	-7.26	17.16	313.62	1143.06	995.45	886.14	999.86	341.74
5033	-6.96	-7.27	17.16	-113.59	890.97	478.56	828.86	550.02	334.32
5034	-7.78	-7.27	17.16	-358.29	573.03	197.50	688.37	264.22	181.63
5035	-8.60	-7.27	17.16	-461.62	386.07	93.26	590.34	116.01	127.06
5036	-9.42	-7.27	17.16	-477.42	247.81	51.42	518.47	40.50	110.34
5037	-10.24	-7.27	17.16	-443.61	137.13	34.86	454.92	-2.28	109.80
5038	-11.06	-7.27	17.16	-381.57	41.65	29.21	390.51	-32.97	120.50
5039	-11.88	-7.28	17.16	-300.52	-46.72	28.85	319.04	-65.20	148.00
5040	-12.70	-7.28	17.16	-201.30	-136.33	32.74	234.18	-115.50	214.56
5041	-0.47	-3.95	15.47	-84.60	278.64	56.95	62.22	-297.80	-570.78
5042	-1.40	-3.95	15.47	-112.00	322.52	202.30	117.99	-303.17	-640.12
5043	-2.33	-3.95	15.47	-138.07	333.99	336.42	124.18	-249.93	-694.30
5044	-3.26	-3.96	15.47	-140.90	271.35	421.62	135.26	-191.61	-698.98
5045	-4.19	-3.96	15.47	-155.73	177.71	508.23	175.80	-158.45	-713.78
5046	-5.12	-3.96	15.47	-207.85	90.31	622.36	190.42	-87.55	-763.95
5047	-6.05	-3.96	15.47	-299.75	-8.43	537.51	158.73	117.32	-751.14
5048	-6.98	-3.96	15.47	-209.31	-105.49	336.53	-15.40	151.31	-546.60
5049	-7.91	-3.96	15.47	-100.35	-91.98	127.57	76.35	122.45	-276.74

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	-145.41	-78.09	-14.86	143.50	2.83	-89.23
5051	-9.78	-3.97	15.47	-174.24	-60.82	-45.69	184.79	-53.18	41.67
5052	-10.71	-3.97	15.47	-173.33	-51.20	-45.18	201.93	-71.27	135.82
5053	-11.64	-3.97	15.47	-151.41	-48.11	-34.15	198.40	-73.75	210.36
5054	-12.57	-3.97	15.47	-118.67	-48.40	-15.55	179.24	-73.84	280.53
5055	-13.50	-3.97	15.47	-84.74	-47.15	16.35	151.84	-79.73	361.41
5056	-14.43	-3.97	15.47	-64.08	-35.21	73.58	132.15	-94.41	464.15
5057	-0.45	-5.05	15.47	73.33	246.06	659.32	65.35	-393.67	-854.40
5058	-1.36	-5.06	15.47	-74.25	255.79	909.03	111.54	-403.78	-922.24
5059	-2.27	-5.06	15.47	-143.62	251.86	1096.95	66.23	-290.03	-941.95
5060	-3.18	-5.06	15.47	-78.48	271.68	1230.07	39.57	-213.23	-924.51
5061	-4.09	-5.07	15.47	-29.20	300.54	1471.31	76.64	-205.94	-910.68
5062	-5.00	-5.07	15.47	-212.19	202.33	1658.94	67.11	1.18	-781.95
5063	-5.91	-5.07	15.47	-363.07	10.90	1416.07	66.95	393.45	-552.99
5064	-6.82	-5.08	15.47	-228.50	-126.72	1023.75	-32.47	482.68	-319.73
5065	-7.73	-5.08	15.47	84.44	-54.87	578.69	135.75	506.06	-106.05
5066	-8.64	-5.08	15.47	16.82	-47.81	205.19	186.97	252.18	4.36
5067	-9.54	-5.09	15.47	-58.92	-42.94	75.26	208.38	99.97	88.53
5068	-10.45	-5.09	15.47	-101.08	-42.45	28.79	212.51	17.52	157.06
5069	-11.36	-5.10	15.47	-112.40	-46.15	16.84	202.59	-28.10	217.05
5070	-12.27	-5.10	15.47	-103.69	-51.55	22.72	181.46	-58.28	277.93
5071	-13.18	-5.10	15.47	-86.92	-53.92	43.94	154.46	-86.40	350.97
5072	-14.09	-5.11	15.47	-78.76	-43.58	84.64	134.45	-118.50	443.90
5073	-0.44	-6.15	15.47	309.40	286.01	1522.77	39.20	-491.26	-912.77
5074	-1.32	-6.16	15.47	-16.18	268.07	1878.29	66.79	-489.01	-978.41
5075	-2.20	-6.16	15.47	-138.19	265.59	2117.09	38.86	-312.95	-1007.41
5076	-3.09	-6.16	15.47	16.06	335.98	2381.90	22.71	-230.79	-1017.95
5077	-3.97	-6.17	15.47	24.25	331.23	2637.63	-31.31	-53.51	-878.11
5078	-4.85	-6.17	15.47	-283.16	204.21	2580.67	-121.80	307.23	-592.51
5079	-5.73	-6.18	15.47	-373.00	-55.14	2203.17	-179.08	679.20	-354.98
5080	-6.61	-6.18	15.47	-1.18	-80.94	1577.52	27.75	899.47	-64.10
5081	-7.49	-6.18	15.47	204.74	37.97	866.59	224.52	753.99	124.59
5082	-8.37	-6.19	15.47	136.86	1.41	396.37	246.39	448.86	128.78
5083	-9.26	-6.19	15.47	36.37	-16.94	191.65	241.59	232.98	153.76
5084	-10.14	-6.19	15.47	-36.36	-30.35	104.90	228.82	99.68	188.01
5085	-11.02	-6.20	15.47	-75.10	-42.46	71.02	209.71	16.56	227.71
5086	-11.90	-6.20	15.47	-88.38	-53.26	63.57	184.81	-41.08	275.35
5087	-12.78	-6.21	15.47	-88.68	-59.09	73.03	157.14	-89.72	337.45
5088	-13.66	-6.21	15.47	-93.69	-50.30	96.76	136.41	-138.28	418.26
5089	-0.42	-7.25	15.47	527.91	364.04	2489.81	10.87	-558.95	-988.40
5090	-1.27	-7.25	15.47	66.36	306.77	2937.81	6.29	-550.72	-1010.40
5091	-2.12	-7.25	15.47	-104.46	285.07	3292.39	-6.17	-358.30	-1018.14
5092	-2.97	-7.26	15.47	77.91	366.29	3765.55	-29.01	-222.95	-1025.14
5093	-3.82	-7.26	15.47	-16.30	287.14	3910.70	-156.88	264.27	-815.62
5094	-4.67	-7.26	15.47	-361.68	134.52	3428.67	-163.05	762.41	-445.22
5095	-5.52	-7.26	15.47	-306.10	64.40	2867.58	-247.38	1028.04	-16.91
5096	-6.37	-7.26	15.47	366.93	194.64	1979.04	115.55	1320.86	296.49
5097	-7.21	-7.26	15.47	327.64	102.37	1020.22	245.91	922.61	282.62
5098	-8.06	-7.27	15.47	226.47	57.54	543.39	284.99	587.67	250.46
5099	-8.91	-7.27	15.47	109.72	15.33	299.41	272.14	339.23	226.57
5100	-9.76	-7.27	15.47	17.60	-13.99	182.55	246.89	171.68	225.80
5101	-10.61	-7.27	15.47	-41.55	-36.14	128.99	218.75	59.07	242.04
5102	-11.46	-7.27	15.47	-73.59	-52.96	107.73	189.16	-22.07	273.28
5103	-12.31	-7.27	15.47	-90.04	-62.17	104.26	159.87	-88.94	321.63
5104	-13.16	-7.28	15.47	-108.04	-55.55	110.29	137.65	-151.80	387.72
5105	-0.48	-3.95	13.78	-170.23	-31.35	286.57	-4.60	-252.81	-813.77
5106	-1.44	-3.95	13.78	-191.02	-38.86	365.71	9.02	-216.57	-824.77
5107	-2.40	-3.95	13.78	-208.65	-55.53	427.24	12.23	-159.95	-837.31
5108	-3.35	-3.96	13.78	-213.54	-76.86	459.59	1.65	-89.45	-847.64
5109	-4.31	-3.96	13.78	-205.94	-113.72	449.14	-29.78	-9.58	-835.61
5110	-5.27	-3.96	13.78	-183.59	-170.59	362.80	-81.40	70.41	-767.25
5111	-6.23	-3.96	13.78	-116.44	-216.82	232.37	-137.05	88.81	-633.89
5112	-7.19	-3.96	13.78	-75.96	-223.04	103.25	-138.22	61.49	-478.09
5113	-8.15	-3.96	13.78	-65.70	-211.43	5.12	-149.34	8.28	-310.43
5114	-9.10	-3.96	13.78	-54.18	-178.01	-55.00	-119.02	-42.59	-140.83
5115	-10.06	-3.97	13.78	-65.33	-141.42	-82.71	-76.85	-89.09	4.31
5116	-11.02	-3.97	13.78	-73.68	-106.06	-80.51	-36.50	-114.34	122.91
5117	-11.98	-3.97	13.78	-72.14	-73.98	-61.65	-2.58	-123.59	221.29
5118	-12.94	-3.97	13.78	-63.33	-43.67	-29.60	26.05	-123.91	306.98
5119	-13.89	-3.97	13.78	-54.01	-11.71	18.87	54.78	-118.38	384.85
5120	-14.85	-3.97	13.78	-51.31	25.78	91.55	90.63	-104.12	454.63
5121	-0.47	-5.05	13.78	-120.03	18.00	908.84	-24.42	-261.16	-890.54
5122	-1.41	-5.06	13.78	-145.74	11.38	1001.87	-22.21	-228.34	-885.83
5123	-2.34	-5.06	13.78	-175.96	-3.69	1101.25	-23.76	-172.21	-880.69
5124	-3.28	-5.06	13.78	-211.36	-38.60	1187.84	-45.02	-77.87	-860.53
5125	-4.22	-5.07	13.78	-246.33	-110.34	1191.96	-97.36	75.90	-787.17
5126	-5.15	-5.07	13.78	-214.14	-182.94	1059.75	-137.68	232.59	-663.14
5127	-6.09	-5.07	13.78	-111.49	-214.60	846.29	-154.61	299.91	-511.29
5128	-7.03	-5.08	13.78	-33.14	-216.06	604.20	-122.98	299.19	-353.61
5129	-7.96	-5.08	13.78	-17.32	-220.55	387.33	-117.35	238.29	-202.03
5130	-8.90	-5.08	13.78	30.17	-186.61	221.25	-77.49	167.58	-60.11
5131	-9.84	-5.09	13.78	21.58	-151.62	104.85	-40.20	72.32	54.52
5132	-10.77	-5.09	13.78	-0.62	-117.20	51.06	-9.06	-1.05	149.48
5133	-11.71	-5.09	13.78	-19.11	-84.94	35.79	16.04	-50.47	231.13
5134	-12.65	-5.10	13.78	-31.21	-53.40	46.11	37.35	-82.63	304.75
5135	-13.58	-5.10	13.78	-41.38	-19.10	78.32	59.54	-102.71	373.06
5136	-14.52	-5.10	13.78	-55.74	21.61	135.76	88.21	-110.85	434.03
5137	-0.46	-6.15	13.78	-87.66	-30.41	1676.83	-43.80	-252.55	-936.94
5138	-1.37	-6.16	13.78	-110.28	-38.90	1769.91	-53.23	-216.56	-917.54
5139	-2.28	-6.16	13.78	-156.16	-56.49	1898.52	-71.99	-153.35	-888.19
5140	-3.19	-6.16	13.78	-242.90	-102.77	1993.54	-117.78	-0.09	-816.17
5141	-4.10	-6.17	13.78	-282.87	-165.38	1944.98	-167.96	229.17	-681.66
5142	-5.01	-6.17	13.78	-195.98	-215.73	1732.54	-166.64	422.66	-513.18
5143	-5.92	-6.17	13.78	-79.75	-214.06	1407.33	-123.46	519.40	-344.78
5144	-6.83	-6.18	13.78	-16.46	-225.26	1056.07	-118.31	515.03	-200.53
5145	-7.74	-6.18	13.78	57.06	-227.33	736.30	-81.66	460.63	-67.49
5146	-8.65	-6.18	13.78	104.60	-187.73	468.71	-27.98	349.06	44.13
5147	-9.56	-6.19	13.78	94.09	-154.38	284.79	4.25	215.60	121.31
5148	-10.47	-6.19	13.78	61.09	-122.49	183.34	24.91	103.70	186.78

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]
5149	-11.38	-6.20	13.78	26.67	-91.72	136.73	39.49	20.41	246.75
5150	-12.29	-6.20	13.78	-2.98	-60.39	125.69	51.70	-39.73	304.10
5151	-13.20	-6.20	13.78	-30.06	-25.27	141.25	65.73	-82.97	359.15
5152	-14.11	-6.21	13.78	-59.43	17.03	183.65	85.78	-112.38	408.41
5153	-0.44	-7.25	13.78	-70.51	-131.68	2584.36	-67.30	-229.04	-874.82
5154	-1.32	-7.25	13.78	-89.79	-144.91	2662.34	-93.08	-174.35	-834.19
5155	-2.20	-7.25	13.78	-156.82	-171.97	2782.57	-125.78	-80.02	-764.55
5156	-3.07	-7.26	13.78	-290.07	-235.26	2811.64	-178.05	150.26	-632.36
5157	-3.95	-7.26	13.78	-304.72	-271.11	2650.73	-196.15	430.30	-455.23
5158	-4.83	-7.26	13.78	-153.34	-276.08	2325.24	-188.75	632.38	-264.47
5159	-5.71	-7.26	13.78	-35.19	-273.19	1883.26	-100.68	723.17	-120.09
5160	-6.59	-7.26	13.78	-12.00	-277.32	1444.03	-82.01	705.33	-7.71
5161	-7.47	-7.26	13.78	132.41	-215.51	1042.96	-14.31	657.23	101.84
5162	-8.34	-7.27	13.78	168.27	-180.73	688.41	29.79	501.64	160.51
5163	-9.22	-7.27	13.78	150.70	-149.35	455.15	53.67	338.02	199.33
5164	-10.10	-7.27	13.78	109.27	-121.27	316.25	63.33	197.88	232.76
5165	-10.98	-7.27	13.78	63.24	-93.65	242.13	66.70	88.28	267.69
5166	-11.86	-7.27	13.78	20.09	-64.17	210.57	68.76	5.04	305.31
5167	-12.73	-7.27	13.78	-20.54	-29.92	209.35	73.38	-58.25	343.81
5168	-13.61	-7.28	13.78	-61.93	11.81	236.43	83.68	-106.34	378.35
5169	-0.49	-3.95	12.09	-180.41	-237.75	244.40	-41.54	-210.38	-893.76
5170	-1.48	-3.95	12.09	-190.13	-239.00	288.16	-59.27	-165.09	-885.61
5171	-2.46	-3.95	12.09	-192.36	-245.36	306.75	-83.16	-113.10	-867.72
5172	-3.45	-3.95	12.09	-182.70	-257.71	292.33	-115.91	-57.55	-831.64
5173	-4.43	-3.96	12.09	-156.28	-271.62	237.57	-155.30	-9.39	-767.83
5174	-5.42	-3.96	12.09	-112.98	-276.77	154.30	-191.86	11.45	-674.66
5175	-6.41	-3.96	12.09	-75.05	-269.10	62.30	-215.10	3.97	-558.40
5176	-7.39	-3.96	12.09	-45.31	-251.80	-20.33	-229.38	-26.25	-421.96
5177	-8.38	-3.96	12.09	-29.06	-222.23	-80.81	-219.49	-68.90	-278.01
5178	-9.36	-3.96	12.09	-29.66	-185.87	-114.24	-197.64	-110.95	-139.30
5179	-10.35	-3.96	12.09	-33.84	-145.19	-123.15	-163.41	-141.85	-11.92
5180	-11.33	-3.97	12.09	-39.76	-104.48	-113.63	-122.60	-160.38	99.20
5181	-12.32	-3.97	12.09	-43.16	-65.23	-88.95	-79.38	-165.56	193.22
5182	-13.30	-3.97	12.09	-43.50	-27.54	-51.30	-35.09	-158.41	271.05
5183	-14.29	-3.97	12.09	-42.43	9.08	-0.60	10.80	-138.43	333.19
5184	-15.28	-3.97	12.09	-41.43	45.02	62.77	59.23	-102.23	379.49
5185	-0.48	-5.05	12.09	-177.38	-239.74	836.62	-50.71	-206.52	-850.63
5186	-1.45	-5.05	12.09	-192.79	-244.44	885.82	-72.78	-148.04	-834.73
5187	-2.41	-5.06	12.09	-205.38	-257.18	910.36	-100.70	-74.91	-802.44
5188	-3.38	-5.06	12.09	-205.26	-275.68	890.76	-133.53	12.95	-746.29
5189	-4.34	-5.06	12.09	-176.79	-290.22	814.60	-161.86	95.54	-666.28
5190	-5.31	-5.07	12.09	-127.35	-295.44	692.88	-183.51	148.90	-565.72
5191	-6.27	-5.07	12.09	-77.53	-292.15	544.70	-194.85	169.10	-449.57
5192	-7.23	-5.07	12.09	-30.44	-276.27	391.38	-199.02	154.87	-322.96
5193	-8.20	-5.08	12.09	9.66	-243.29	255.36	-182.36	110.93	-196.32
5194	-9.16	-5.08	12.09	18.83	-206.30	151.95	-159.90	51.73	-78.45
5195	-10.13	-5.08	12.09	21.07	-163.16	85.37	-129.18	-3.11	28.57
5196	-11.09	-5.09	12.09	12.63	-119.62	49.73	-95.02	-50.74	121.76
5197	-12.06	-5.09	12.09	0.10	-77.07	42.22	-59.59	-84.78	201.52
5198	-13.02	-5.09	12.09	-12.92	-35.63	57.75	-23.17	-103.85	268.60
5199	-13.99	-5.10	12.09	-25.84	5.08	93.55	14.94	-107.44	323.01
5200	-14.95	-5.10	12.09	-39.08	44.99	147.62	55.55	-92.91	363.87
5201	-0.47	-6.15	12.09	-184.85	-289.87	1470.98	-61.63	-195.14	-766.42
5202	-1.41	-6.16	12.09	-205.27	-294.73	1516.64	-90.09	-115.42	-739.68
5203	-2.35	-6.16	12.09	-226.02	-308.53	1526.43	-120.36	-13.41	-688.64
5204	-3.29	-6.16	12.09	-223.74	-324.06	1477.70	-146.78	103.32	-613.19
5205	-4.22	-6.17	12.09	-190.24	-333.25	1364.25	-162.51	208.90	-521.07
5206	-5.16	-6.17	12.09	-140.48	-331.68	1193.30	-172.52	288.22	-416.99
5207	-6.10	-6.17	12.09	-76.80	-323.94	985.28	-175.10	326.31	-304.21
5208	-7.04	-6.18	12.09	-8.08	-296.64	766.28	-155.91	319.13	-192.78
5209	-7.98	-6.18	12.09	36.75	-258.47	565.72	-136.92	268.27	-91.91
5210	-8.92	-6.18	12.09	59.67	-218.78	404.91	-115.17	198.32	0.05
5211	-9.86	-6.19	12.09	65.68	-173.70	287.57	-88.41	122.47	82.82
5212	-10.80	-6.19	12.09	55.39	-128.64	212.88	-61.71	51.08	153.97
5213	-11.73	-6.19	12.09	36.12	-84.50	176.35	-35.20	-7.02	215.58
5214	-12.67	-6.20	12.09	13.30	-41.20	171.04	-7.99	-48.74	268.33
5215	-13.61	-6.20	12.09	-10.81	1.61	192.24	20.93	-73.33	311.70
5216	-14.55	-6.20	12.09	-35.82	43.52	237.08	52.16	-79.18	344.63
5217	-0.45	-7.25	12.09	-209.17	-390.32	2114.93	-70.48	-175.09	-591.92
5218	-1.36	-7.25	12.09	-232.08	-390.56	2144.16	-101.79	-65.39	-556.91
5219	-2.27	-7.25	12.09	-253.37	-396.05	2117.57	-130.42	68.46	-493.45
5220	-3.18	-7.26	12.09	-238.55	-393.71	2022.15	-145.79	206.03	-410.18
5221	-4.08	-7.26	12.09	-198.23	-386.40	1859.98	-150.67	324.88	-316.17
5222	-4.99	-7.26	12.09	-149.05	-369.92	1638.34	-139.87	417.97	-222.32
5223	-5.90	-7.26	12.09	-73.43	-341.65	1373.97	-133.10	468.18	-126.26
5224	-6.81	-7.26	12.09	14.34	-302.29	1097.34	-104.86	459.20	-39.29
5225	-7.72	-7.26	12.09	53.86	-268.07	846.05	-85.96	400.19	31.11
5226	-8.62	-7.26	12.09	88.86	-221.69	641.74	-62.90	324.10	94.93
5227	-9.53	-7.27	12.09	97.85	-175.73	483.28	-42.12	232.62	148.45
5228	-10.44	-7.27	12.09	86.73	-130.79	376.37	-23.90	143.52	194.50
5229	-11.35	-7.27	12.09	63.43	-87.05	314.75	-7.04	66.92	235.02
5230	-12.25	-7.27	12.09	34.10	-43.96	290.41	10.15	6.89	270.55
5231	-13.16	-7.27	12.09	2.10	-1.35	297.59	28.86	-35.59	300.19
5232	-14.07	-7.27	12.09	-31.37	40.44	332.85	49.74	-59.20	322.80
5233	-0.51	-3.95	10.41	-139.16	-314.81	84.79	-56.24	-179.06	-850.55
5234	-1.52	-3.95	10.41	-147.00	-313.17	111.83	-89.19	-146.79	-832.78
5235	-2.53	-3.95	10.41	-144.02	-311.24	113.76	-123.55	-113.07	-798.61
5236	-3.54	-3.95	10.41	-129.72	-306.97	90.26	-158.07	-84.36	-745.87
5237	-4.56	-3.96	10.41	-106.07	-297.94	46.45	-189.68	-68.09	-673.90
5238	-5.57	-3.96	10.41	-79.72	-283.16	-9.04	-215.18	-67.43	-583.69
5239	-6.58	-3.96	10.41	-54.73	-261.96	-65.74	-232.00	-82.62	-477.68
5240	-7.60	-3.96	10.41	-37.14	-233.58	-113.67	-235.43	-109.67	-362.16
5241	-8.61	-3.96	10.41	-28.81	-200.09	-146.29	-226.92	-141.14	-243.64
5242	-9.62	-3.96	10.41	-27.49	-163.21	-161.44	-205.60	-169.96	-128.48
5243	-10.63	-3.96	10.41	-31.46	-125.38	-160.26	-174.97	-190.87	-22.33
5244	-11.65	-3.96	10.41	-36.39	-88.03	-145.34	-137.53	-200.36	71.40
5245	-12.66	-3.97	10.41	-40.35	-52.35	-119.60	-95.74	-197.28	150.61
5246	-13.67	-3.97	10.41	-42.23	-18.95	-85.13	-51.43	-180.65	214.16
5247	-14.68	-3.97	10.41	-41.48	11.71	-44.23	-5.73	-149.09	261.30

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]
5248	-15.70	-3.97	10.41	-37.15	39.47	-0.18	40.55	-100.93	291.44
5249	-0.50	-5.05	10.41	-160.23	-338.98	611.30	-60.31	-168.34	-753.97
5250	-1.49	-5.05	10.41	-169.55	-338.14	633.86	-91.45	-116.32	-732.45
5251	-2.48	-5.06	10.41	-167.72	-337.26	626.25	-122.10	-60.78	-693.89
5252	-3.47	-5.06	10.41	-152.39	-333.82	586.57	-150.36	-9.37	-638.56
5253	-4.47	-5.06	10.41	-125.82	-325.67	518.28	-174.97	29.88	-567.21
5254	-5.46	-5.07	10.41	-92.22	-311.08	428.65	-193.33	51.64	-481.58
5255	-6.45	-5.07	10.41	-56.13	-288.26	328.84	-203.13	51.98	-385.10
5256	-7.44	-5.07	10.41	-25.47	-257.72	232.80	-201.81	32.05	-283.48
5257	-8.44	-5.08	10.41	-6.08	-222.10	150.84	-192.04	-0.38	-181.38
5258	-9.43	-5.08	10.41	5.23	-181.94	88.88	-172.49	-38.04	-83.05
5259	-10.42	-5.08	10.41	5.73	-140.75	49.10	-146.12	-74.33	7.37
5260	-11.41	-5.09	10.41	0.87	-99.60	31.03	-114.43	-102.49	87.60
5261	-12.41	-5.09	10.41	-7.20	-59.91	31.78	-79.19	-119.48	156.04
5262	-13.40	-5.09	10.41	-16.32	-22.45	48.80	-41.65	-122.78	211.80
5263	-14.39	-5.09	10.41	-24.91	12.19	79.13	-2.66	-110.28	254.18
5264	-15.38	-5.10	10.41	-31.27	43.39	118.91	37.31	-79.78	282.27
5265	-0.48	-6.15	10.41	-185.93	-379.87	1120.35	-64.10	-154.02	-618.74
5266	-1.45	-6.15	10.41	-195.27	-377.98	1133.21	-92.25	-81.25	-594.07
5267	-2.42	-6.16	10.41	-191.54	-374.31	1109.86	-117.96	-5.54	-552.83
5268	-3.39	-6.16	10.41	-174.00	-366.94	1048.99	-139.37	65.03	-497.03
5269	-4.35	-6.16	10.41	-143.78	-354.24	952.81	-155.90	123.28	-428.59
5270	-5.32	-6.17	10.41	-102.43	-334.95	829.26	-165.30	160.26	-350.80
5271	-6.29	-6.17	10.41	-57.87	-307.06	691.02	-166.74	171.59	-268.30
5272	-7.25	-6.17	10.41	-18.83	-273.79	553.46	-163.13	157.43	-183.96
5273	-8.22	-6.18	10.41	11.83	-235.19	429.56	-151.05	124.61	-100.76
5274	-9.19	-6.18	10.41	29.55	-192.48	328.01	-133.41	79.54	-22.68
5275	-10.16	-6.18	10.41	34.76	-148.97	253.82	-111.79	31.79	48.61
5276	-11.12	-6.19	10.41	30.77	-105.66	207.02	-86.51	-11.34	112.20
5277	-12.09	-6.19	10.41	20.24	-63.80	185.51	-58.68	-44.90	166.91
5278	-13.06	-6.19	10.41	5.98	-24.16	186.45	-28.98	-65.24	212.10
5279	-14.03	-6.20	10.41	-9.69	12.62	206.47	2.16	-69.61	247.22
5280	-14.99	-6.20	10.41	-24.67	45.66	241.70	34.38	-55.73	271.47
5281	-0.47	-7.25	10.41	-215.87	-424.49	1586.82	-66.08	-136.62	-429.07
5282	-1.41	-7.25	10.41	-223.23	-419.78	1586.22	-88.39	-44.11	-403.98
5283	-2.34	-7.25	10.41	-215.35	-410.39	1543.92	-106.53	48.73	-364.92
5284	-3.28	-7.26	10.41	-194.86	-396.84	1459.53	-120.08	134.55	-314.36
5285	-4.22	-7.26	10.41	-160.36	-376.93	1335.93	-127.33	206.47	-255.81
5286	-5.15	-7.26	10.41	-112.43	-350.71	1181.74	-130.06	253.94	-191.77
5287	-6.09	-7.26	10.41	-62.07	-318.21	1012.55	-124.44	271.52	-127.66
5288	-7.03	-7.26	10.41	-17.88	-280.48	843.29	-117.24	262.52	-65.10
5289	-7.97	-7.26	10.41	22.37	-236.98	687.11	-104.14	230.13	-5.13
5290	-8.90	-7.26	10.41	44.39	-193.61	554.89	-89.83	180.33	49.56
5291	-9.84	-7.27	10.41	54.09	-149.20	453.69	-73.23	125.31	99.59
5292	-10.78	-7.27	10.41	52.01	-105.65	383.38	-54.90	71.63	144.16
5293	-11.72	-7.27	10.41	40.89	-63.72	342.91	-34.99	25.56	182.89
5294	-12.65	-7.27	10.41	23.84	-23.97	329.49	-13.72	-8.36	215.41
5295	-13.59	-7.27	10.41	3.66	12.82	339.67	8.77	-26.93	241.30
5296	-14.53	-7.27	10.41	-17.14	46.15	369.60	32.53	-27.49	260.08
5297	-0.52	-3.95	8.72	-86.59	-305.33	-81.62	-58.13	-154.25	-755.93
5298	-1.56	-3.95	8.72	-94.29	-301.56	-62.67	-92.77	-142.09	-736.20
5299	-2.60	-3.95	8.72	-93.50	-294.57	-61.20	-126.01	-130.13	-700.17
5300	-3.64	-3.95	8.72	-85.48	-283.79	-75.12	-156.35	-122.90	-648.11
5301	-4.68	-3.96	8.72	-72.96	-268.73	-100.19	-181.99	-123.47	-580.90
5302	-5.72	-3.96	8.72	-58.93	-249.05	-130.55	-200.82	-133.25	-500.46
5303	-6.76	-3.96	8.72	-47.04	-224.88	-159.87	-210.72	-151.19	-410.16
5304	-7.80	-3.96	8.72	-39.40	-197.20	-182.85	-210.93	-174.00	-314.08
5305	-8.84	-3.96	8.72	-36.70	-167.05	-196.24	-200.91	-197.37	-216.86
5306	-9.88	-3.96	8.72	-38.30	-135.82	-199.02	-181.81	-216.83	-122.99
5307	-10.92	-3.96	8.72	-42.13	-104.73	-191.93	-154.96	-228.66	-36.29
5308	-11.96	-3.96	8.72	-46.39	-74.86	-176.79	-122.36	-230.24	40.19
5309	-13.00	-3.96	8.72	-49.25	-47.00	-155.77	-85.94	-219.70	104.35
5310	-14.04	-3.97	8.72	-49.38	-21.73	-131.34	-47.44	-195.74	154.75
5311	-15.08	-3.97	8.72	-45.58	0.48	-106.31	-8.35	-157.41	190.40
5312	-16.12	-3.97	8.72	-36.57	19.48	-84.04	29.91	-104.56	211.03
5313	-0.51	-5.05	8.72	-114.62	-333.04	367.52	-59.27	-143.16	-654.38
5314	-1.53	-5.05	8.72	-121.25	-329.00	379.84	-89.27	-111.84	-634.26
5315	-2.55	-5.06	8.72	-118.52	-321.50	370.06	-117.37	-80.90	-599.47
5316	-3.57	-5.06	8.72	-107.29	-309.92	339.65	-142.34	-55.13	-550.73
5317	-4.59	-5.06	8.72	-89.51	-293.64	292.41	-162.60	-38.61	-489.38
5318	-5.61	-5.07	8.72	-68.34	-272.27	234.52	-176.64	-34.18	-417.64
5319	-6.63	-5.07	8.72	-47.83	-246.11	173.50	-183.28	-42.01	-338.51
5320	-7.65	-5.07	8.72	-31.10	-215.98	116.17	-182.11	-59.69	-255.17
5321	-8.67	-5.07	8.72	-19.71	-182.86	68.18	-172.62	-83.59	-171.34
5322	-9.69	-5.08	8.72	-14.87	-148.41	32.92	-155.88	-108.70	-90.54
5323	-10.71	-5.08	8.72	-14.73	-113.76	11.48	-132.82	-130.22	-15.65
5324	-11.73	-5.08	8.72	-18.17	-80.27	3.19	-104.94	-144.40	50.98
5325	-12.75	-5.09	8.72	-23.06	-48.80	6.47	-73.66	-148.02	107.66
5326	-13.77	-5.09	8.72	-27.66	-20.08	18.90	-40.32	-138.77	153.17
5327	-14.79	-5.09	8.72	-30.24	5.29	37.52	-6.13	-114.93	186.68
5328	-15.81	-5.10	8.72	-29.00	26.77	58.60	27.88	-75.42	207.62
5329	-0.50	-6.15	8.72	-142.28	-356.83	782.55	-59.64	-131.12	-522.90
5330	-1.49	-6.15	8.72	-147.20	-351.72	786.98	-84.05	-82.55	-503.18
5331	-2.49	-6.16	8.72	-142.21	-342.58	765.18	-106.15	-35.04	-470.86
5332	-3.49	-6.16	8.72	-127.61	-328.96	718.43	-124.93	6.47	-427.08
5333	-4.48	-6.16	8.72	-105.05	-310.33	650.85	-139.18	36.91	-373.66
5334	-5.48	-6.17	8.72	-78.13	-286.50	569.02	-148.17	53.08	-312.83
5335	-6.47	-6.17	8.72	-50.67	-258.09	481.15	-151.42	53.83	-246.90
5336	-7.47	-6.17	8.72	-26.22	-225.43	395.42	-148.20	40.77	-178.75
5337	-8.47	-6.18	8.72	-8.14	-190.10	318.94	-139.44	17.26	-110.97
5338	-9.46	-6.18	8.72	2.76	-153.56	256.71	-125.21	-11.39	-45.68
5339	-10.46	-6.18	8.72	6.64	-116.94	211.14	-106.29	-40.15	14.98
5340	-11.45	-6.19	8.72	4.72	-81.50	182.70	-83.68	-64.15	69.37
5341	-12.45	-6.19	8.72	-1.03	-48.09	170.26	-58.25	-79.36	116.30
5342	-13.44	-6.19	8.72	-8.60	-17.49	171.61	-30.92	-82.67	154.86
5343	-14.44	-6.19	8.72	-15.94	9.66	183.82	-2.54	-71.68	184.39
5344	-15.44	-6.20	8.72	-21.01	32.57	203.20	26.05	-44.88	204.43
5345	-0.48	-7.25	8.72	-168.86	-370.58	1151.56	-58.72	-118.78	-361.15
5346	-1.45	-7.25	8.72	-171.65	-363.98	1147.59	-76.24	-55.68	-343.34

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]
5347	-2.42	-7.25	8.72	-164.26	-352.73	1114.13	-91.44	5.35	-315.65
5348	-3.38	-7.25	8.72	-146.33	-336.30	1052.93	-103.34	59.19	-279.58
5349	-4.35	-7.26	8.72	-119.85	-314.85	968.48	-111.54	100.39	-236.80
5350	-5.32	-7.26	8.72	-88.53	-288.42	867.98	-115.18	125.61	-189.60
5351	-6.28	-7.26	8.72	-55.91	-257.72	759.60	-115.19	133.64	-139.59
5352	-7.25	-7.26	8.72	-25.64	-223.69	652.49	-110.60	124.81	-88.75
5353	-8.22	-7.26	8.72	-2.58	-187.82	554.64	-102.73	102.94	-38.77
5354	-9.18	-7.26	8.72	13.61	-150.53	471.81	-91.12	73.02	9.25
5355	-10.15	-7.26	8.72	21.09	-113.72	407.25	-76.66	39.90	53.94
5356	-11.12	-7.27	8.72	21.38	-78.21	362.46	-59.61	9.20	94.48
5357	-12.08	-7.27	8.72	16.08	-44.75	336.69	-40.36	-14.64	130.08
5358	-13.05	-7.27	8.72	7.16	-13.97	328.09	-19.50	-27.91	160.17
5359	-14.02	-7.27	8.72	-3.08	13.36	333.92	2.44	-27.76	184.30
5360	-14.98	-7.27	8.72	-12.37	36.82	350.66	25.10	-12.11	202.32
5361	-0.53	-3.95	7.03	-42.12	-258.92	-207.76	-53.37	-134.15	-659.38
5362	-1.60	-3.95	7.03	-50.79	-254.86	-192.34	-83.58	-139.06	-641.44
5363	-2.67	-3.95	7.03	-54.41	-247.24	-187.05	-111.69	-143.73	-608.97
5364	-3.73	-3.95	7.03	-53.97	-236.02	-190.46	-136.27	-150.79	-562.90
5365	-4.80	-3.96	7.03	-51.10	-221.29	-199.79	-155.83	-161.94	-504.72
5366	-5.87	-3.96	7.03	-47.87	-203.34	-211.51	-168.98	-177.49	-436.63
5367	-6.94	-3.96	7.03	-45.93	-182.76	-222.18	-174.75	-196.33	-361.40
5368	-8.00	-3.96	7.03	-46.34	-160.29	-229.11	-172.58	-216.29	-282.32
5369	-9.07	-3.96	7.03	-49.22	-136.85	-230.87	-162.65	-234.48	-202.82
5370	-10.14	-3.96	7.03	-53.76	-113.38	-227.29	-145.63	-247.96	-126.24
5371	-11.20	-3.96	7.03	-58.68	-90.73	-219.29	-122.80	-254.06	-55.53
5372	-12.27	-3.96	7.03	-62.36	-69.57	-208.51	-95.65	-250.51	6.90
5373	-13.34	-3.96	7.03	-63.35	-50.43	-196.97	-65.81	-235.58	59.18
5374	-14.41	-3.97	7.03	-60.38	-33.65	-186.82	-34.87	-208.02	99.95
5375	-15.47	-3.97	7.03	-52.43	-19.45	-180.32	-4.28	-167.27	128.31
5376	-16.54	-3.97	7.03	-38.70	-7.79	-179.59	24.56	-113.78	143.99
5377	-0.52	-5.05	7.03	-68.68	-280.59	170.69	-53.41	-125.13	-573.95
5378	-1.57	-5.05	7.03	-75.62	-275.93	180.08	-79.02	-113.05	-556.72
5379	-2.62	-5.06	7.03	-76.46	-267.43	175.28	-102.55	-101.41	-526.89
5380	-3.67	-5.06	7.03	-72.00	-255.01	157.75	-122.81	-93.32	-485.45
5381	-4.72	-5.06	7.03	-63.91	-238.74	130.49	-138.63	-91.09	-433.87
5382	-5.76	-5.06	7.03	-54.33	-218.90	97.56	-149.00	-95.76	-374.08
5383	-6.81	-5.07	7.03	-45.37	-196.05	63.28	-153.16	-106.91	-308.45
5384	-7.86	-5.07	7.03	-38.68	-170.99	31.64	-150.71	-122.85	-239.69
5385	-8.91	-5.07	7.03	-35.20	-144.73	5.51	-141.87	-140.78	-170.55
5386	-9.96	-5.08	7.03	-34.71	-118.24	-13.53	-127.08	-157.51	-103.67
5387	-11.01	-5.08	7.03	-36.56	-92.54	-25.20	-107.33	-169.82	-41.45
5388	-12.05	-5.08	7.03	-39.31	-68.38	-30.30	-83.73	-174.70	14.15
5389	-13.10	-5.08	7.03	-41.52	-46.40	-30.40	-57.58	-169.69	61.55
5390	-14.15	-5.09	7.03	-41.70	-27.08	-27.55	-30.14	-152.81	99.58
5391	-15.20	-5.09	7.03	-38.47	-10.76	-24.20	-2.62	-122.86	127.46
5392	-16.25	-5.09	7.03	-30.44	2.38	-22.98	23.90	-79.39	144.68
5393	-0.51	-6.15	7.03	-93.24	-292.59	517.60	-52.77	-116.11	-464.98
5394	-1.54	-6.15	7.03	-98.40	-287.22	520.81	-73.04	-89.27	-449.05
5395	-2.56	-6.16	7.03	-96.58	-277.67	506.60	-91.35	-63.62	-422.75
5396	-3.59	-6.16	7.03	-88.59	-263.95	476.64	-106.72	-42.62	-387.10
5397	-4.61	-6.16	7.03	-76.10	-246.19	434.17	-118.34	-28.93	-343.46
5398	-5.63	-6.17	7.03	-61.25	-224.78	383.65	-125.52	-24.14	-293.51
5399	-6.66	-6.17	7.03	-46.49	-200.27	330.06	-127.77	-28.29	-239.19
5400	-7.68	-6.17	7.03	-33.94	-173.61	278.24	-125.02	-40.05	-182.50
5401	-8.71	-6.17	7.03	-24.89	-145.71	232.12	-117.21	-56.81	-125.51
5402	-9.73	-6.18	7.03	-19.92	-117.60	194.32	-104.84	-75.32	-70.21
5403	-10.76	-6.18	7.03	-18.63	-90.27	166.07	-88.49	-91.99	-18.34
5404	-11.78	-6.18	7.03	-19.99	-64.55	147.27	-68.92	-103.41	28.61
5405	-12.81	-6.19	7.03	-22.61	-41.06	136.80	-47.04	-106.52	69.41
5406	-13.83	-6.19	7.03	-24.90	-20.32	132.76	-23.80	-98.83	103.15
5407	-14.86	-6.19	7.03	-25.26	-2.70	132.69	-0.08	-78.56	129.19
5408	-15.88	-6.19	7.03	-22.01	11.39	133.81	23.23	-44.77	147.05
5409	-0.50	-7.25	7.03	-115.22	-291.95	827.05	-51.34	-107.52	-336.12
5410	-1.49	-7.25	7.03	-118.62	-285.89	824.34	-65.63	-68.59	-322.30
5411	-2.49	-7.25	7.03	-114.42	-275.42	802.04	-78.17	-31.61	-300.63
5412	-3.49	-7.25	7.03	-103.55	-260.72	762.04	-88.33	-0.21	-272.03
5413	-4.48	-7.26	7.03	-87.61	-241.98	707.84	-95.50	22.78	-237.73
5414	-5.48	-7.26	7.03	-68.78	-219.72	644.11	-99.46	35.56	-198.99
5415	-6.48	-7.26	7.03	-49.58	-194.59	576.25	-99.80	37.67	-157.27
5416	-7.47	-7.26	7.03	-32.45	-167.45	509.49	-96.69	30.31	-113.93
5417	-8.47	-7.26	7.03	-18.78	-139.22	448.34	-90.00	15.70	-70.34
5418	-9.46	-7.26	7.03	-9.92	-111.02	396.16	-80.13	-2.96	-27.81
5419	-10.46	-7.26	7.03	-5.52	-83.63	354.82	-67.32	-21.97	12.53
5420	-11.46	-7.26	7.03	-5.01	-57.91	324.79	-52.03	-37.76	49.62
5421	-12.45	-7.27	7.03	-7.16	-34.37	305.39	-34.71	-46.93	82.63
5422	-13.45	-7.27	7.03	-10.46	-13.41	294.97	-16.03	-46.62	110.90
5423	-14.45	-7.27	7.03	-13.12	4.46	291.17	3.38	-34.66	133.97
5424	-15.44	-7.27	7.03	-13.18	19.17	291.23	23.11	-9.46	151.69
5425	-0.55	-3.95	5.34	-10.01	-204.33	-286.42	-45.68	-116.40	-582.46
5426	-1.64	-3.95	5.34	-19.81	-200.93	-273.05	-69.50	-132.62	-567.13
5427	-2.74	-3.95	5.34	-27.33	-194.61	-264.63	-91.28	-148.05	-539.43
5428	-3.83	-3.95	5.34	-33.04	-185.49	-260.51	-109.75	-164.10	-500.40
5429	-4.92	-3.95	5.34	-37.88	-173.89	-259.26	-123.74	-181.54	-451.56
5430	-6.02	-3.96	5.34	-42.83	-160.22	-259.12	-132.31	-200.35	-394.86
5431	-7.11	-3.96	5.34	-48.68	-145.08	-258.48	-134.86	-219.66	-332.63
5432	-8.21	-3.96	5.34	-55.72	-129.13	-256.30	-131.18	-237.99	-267.46
5433	-9.30	-3.96	5.34	-63.67	-113.08	-252.34	-121.53	-253.48	-201.97
5434	-10.40	-3.96	5.34	-71.63	-97.62	-247.23	-106.61	-264.11	-138.70
5435	-11.49	-3.96	5.34	-78.25	-83.32	-242.33	-87.48	-267.94	-79.93
5436	-12.59	-3.96	5.34	-81.94	-70.60	-239.51	-65.44	-263.08	-27.58
5437	-13.68	-3.96	5.34	-81.16	-59.71	-240.74	-41.95	-247.81	16.75
5438	-14.77	-3.96	5.34	-74.69	-50.74	-247.64	-18.47	-220.62	51.80
5439	-15.87	-3.97	5.34	-62.11	-43.53	-261.17	3.70	-180.67	76.62
5440	-16.96	-3.97	5.34	-44.08	-37.68	-281.70	23.86	-128.68	90.97
5441	-0.54	-5.05	5.34	-32.04	-217.47	31.75	-45.55	-109.77	-516.81
5442	-1.61	-5.05	5.34	-40.03	-213.45	40.11	-65.71	-111.42	-502.35
5443	-2.69	-5.06	5.34	-44.68	-206.17	40.27	-83.99	-113.06	-477.22
5444	-3.77	-5.06	5.34	-46.53	-195.79	33.10	-99.36	-116.52	-442.38
5445	-4.84	-5.06	5.34	-46.58	-182.59	20.41	-110.86	-123.01	-399.13



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]
5446	-5.92	-5.06	5.34	-46.06	-167.03	4.49	-117.77	-132.94	-349.15
5447	-6.99	-5.07	5.34	-46.10	-149.73	-12.26	-119.58	-145.85	-294.39
5448	-8.07	-5.07	5.34	-47.46	-131.41	-27.87	-116.14	-160.44	-236.96
5449	-9.15	-5.07	5.34	-50.32	-112.86	-41.08	-107.62	-174.86	-179.03
5450	-10.22	-5.07	5.34	-54.31	-94.84	-51.53	-94.55	-186.92	-122.68
5451	-11.30	-5.08	5.34	-58.41	-78.04	-59.75	-77.74	-194.31	-69.82
5452	-12.37	-5.08	5.34	-61.31	-62.99	-66.97	-58.21	-194.76	-22.10
5453	-13.45	-5.08	5.34	-61.50	-50.06	-74.83	-37.14	-186.09	19.13
5454	-14.53	-5.08	5.34	-57.64	-39.42	-85.01	-15.72	-166.45	52.73
5455	-15.60	-5.09	5.34	-48.97	-31.05	-98.87	4.94	-134.58	77.82
5456	-16.68	-5.09	5.34	-35.56	-24.63	-117.72	24.27	-90.64	93.95
5457	-0.53	-6.15	5.34	-51.91	-220.95	325.60	-44.93	-103.38	-431.72
5458	-1.58	-6.15	5.34	-58.15	-216.37	329.10	-60.83	-92.37	-418.57
5459	-2.63	-6.16	5.34	-60.23	-208.32	321.92	-75.08	-82.05	-396.65
5460	-3.69	-6.16	5.34	-58.74	-197.00	305.16	-86.88	-74.54	-366.80
5461	-4.74	-6.16	5.34	-54.75	-182.73	280.88	-95.52	-71.38	-330.14
5462	-5.79	-6.16	5.34	-49.64	-165.98	251.83	-100.45	-73.30	-288.01
5463	-6.85	-6.17	5.34	-44.77	-147.41	220.91	-101.34	-80.11	-241.95
5464	-7.90	-6.17	5.34	-41.22	-127.75	190.77	-98.04	-90.73	-193.60
5465	-8.95	-6.17	5.34	-39.61	-107.83	163.43	-90.70	-103.40	-144.62
5466	-10.00	-6.18	5.34	-39.90	-88.45	140.01	-79.65	-115.83	-96.63
5467	-11.06	-6.18	5.34	-41.47	-70.34	120.68	-65.48	-125.57	-51.11
5468	-12.11	-6.18	5.34	-43.24	-54.07	104.75	-48.89	-130.04	-9.40
5469	-13.16	-6.18	5.34	-43.85	-40.03	90.89	-30.76	-126.83	27.38
5470	-14.22	-6.19	5.34	-41.93	-28.43	77.44	-12.00	-113.78	58.28
5471	-15.27	-6.19	5.34	-36.42	-19.30	62.77	6.54	-89.31	82.54
5472	-16.32	-6.19	5.34	-27.10	-12.47	44.91	24.38	-53.30	99.66
5473	-0.51	-7.25	5.34	-69.11	-213.35	592.15	-43.82	-97.54	-331.30
5474	-1.54	-7.25	5.34	-73.71	-208.37	591.13	-55.07	-76.03	-319.92
5475	-2.56	-7.25	5.34	-73.63	-199.90	577.84	-64.97	-55.84	-301.82
5476	-3.59	-7.25	5.34	-69.44	-188.14	553.54	-72.94	-39.20	-277.68
5477	-4.62	-7.26	5.34	-62.26	-173.48	520.47	-78.53	-27.85	-248.36
5478	-5.64	-7.26	5.34	-53.53	-156.41	481.60	-81.34	-22.71	-214.89
5479	-6.67	-7.26	5.34	-44.76	-137.58	440.12	-81.21	-23.80	-178.35
5480	-7.69	-7.26	5.34	-37.22	-117.76	399.10	-78.01	-30.26	-139.91
5481	-8.72	-7.26	5.34	-31.82	-97.75	361.01	-71.85	-40.43	-100.74
5482	-9.74	-7.26	5.34	-28.78	-78.29	327.53	-62.88	-52.13	-61.99
5483	-10.77	-7.26	5.34	-27.87	-60.13	299.32	-51.48	-62.87	-24.75
5484	-11.80	-7.26	5.34	-28.21	-43.83	276.15	-38.07	-69.97	9.99
5485	-12.82	-7.26	5.34	-28.65	-29.70	256.99	-23.14	-70.87	41.33
5486	-13.85	-7.27	5.34	-27.91	-17.90	240.27	-7.38	-63.24	68.55
5487	-14.87	-7.27	5.34	-24.71	-8.57	224.20	8.58	-45.29	91.01
5488	-15.90	-7.27	5.34	-18.45	-1.30	206.30	24.66	-16.46	108.43
5489	0.45	-3.95	17.16	-130.40	111.62	-730.98	-7.05	-337.59	-1030.44
5490	0.44	-5.05	17.16	-11.50	-247.32	340.76	-130.68	-175.87	-404.45
5491	0.43	-6.15	17.16	42.41	12.17	525.07	-88.54	28.70	-365.62
5492	0.41	-7.25	17.16	138.03	195.55	978.99	-102.93	148.89	-352.74
5493	1.36	-3.95	17.16	-187.16	128.59	-873.60	-51.84	-308.58	-1019.63
5494	1.32	-5.06	17.16	-36.37	18.16	674.01	-238.25	70.64	-790.54
5495	1.28	-6.16	17.16	120.99	296.89	1681.02	-329.50	683.19	-791.61
5496	1.23	-7.25	17.16	384.30	544.93	2817.50	-356.19	1195.81	-806.37
5497	2.26	-3.95	17.16	-231.40	131.03	-980.06	-58.08	-303.07	-986.57
5498	2.20	-5.06	17.16	9.89	237.03	922.28	-79.18	-286.77	-1058.55
5499	2.13	-6.16	17.16	172.27	451.75	2526.65	-74.24	-287.47	-1038.51
5500	2.05	-7.25	17.16	351.91	701.80	4128.25	-61.19	-276.85	-1015.69
5501	3.16	-3.96	17.16	-236.52	83.37	-1002.37	-80.24	-292.41	-920.93
5502	3.08	-5.06	17.16	98.93	52.47	561.46	-22.52	-468.58	-766.81
5503	2.99	-6.16	17.16	392.21	301.37	1619.68	83.90	-812.97	-693.60
5504	2.87	-7.26	17.16	572.19	564.63	2846.89	87.90	-1059.53	-695.04
5505	4.07	-3.96	17.16	-232.64	14.38	-975.47	-142.34	-251.66	-836.86
5506	3.97	-5.07	17.16	-53.16	-100.06	213.34	-182.78	-234.30	-446.81
5507	3.84	-6.17	17.16	98.16	416.98	1475.33	-162.33	89.54	-838.10
5508	3.69	-7.26	17.16	257.72	640.67	3304.94	-156.83	436.35	-765.07
5509	4.97	-3.96	17.16	-229.89	-64.34	-991.94	-203.89	-170.36	-721.83
5510	4.85	-5.07	17.16	-102.39	69.78	569.66	-228.71	59.84	-508.44
5511	4.69	-6.17	17.16	138.22	587.02	2525.01	-88.87	-81.82	-791.72
5512	4.51	-7.26	17.16	448.73	784.42	4955.42	-27.19	-567.87	-446.73
5513	5.87	-3.96	17.16	-263.33	-158.31	-1233.13	-232.14	14.60	-458.41
5514	5.73	-5.07	17.16	-30.10	166.77	926.03	-181.83	-174.27	-372.29
5515	5.54	-6.18	17.16	636.29	1131.59	2228.09	-536.81	-1025.31	270.88
5516	5.33	-7.26	17.16	1418.65	1255.89	2996.44	-984.50	-2374.80	224.11
5517	6.78	-3.96	17.16	-1050.64	8.11	-834.60	-972.65	597.46	-337.94
5518	6.61	-5.08	17.16	-294.36	453.37	414.58	-1069.84	-449.29	-138.88
5519	6.40	-6.18	17.16	116.86	1195.51	865.75	-1098.66	-835.75	489.53
5520	6.14	-7.26	17.16	223.24	923.58	692.71	-866.54	-869.86	188.48
5521	7.68	-3.96	17.16	-796.49	128.70	-223.01	-970.64	243.88	-140.55
5522	7.49	-5.08	17.16	-489.61	354.52	-2.50	-931.09	-84.78	-60.62
5523	7.25	-6.18	17.16	-271.64	541.28	186.38	-932.71	-335.26	87.13
5524	6.96	-7.27	17.16	-181.27	716.52	307.17	-852.92	-451.48	193.14
5525	8.59	-3.97	17.16	-604.17	116.27	-99.43	-936.14	120.35	-13.85
5526	8.37	-5.09	17.16	-511.41	241.58	-13.91	-884.27	-17.47	13.94
5527	8.10	-6.19	17.16	-430.31	359.79	63.11	-832.53	-139.50	66.86
5528	7.78	-7.27	17.16	-386.84	453.24	127.31	-761.12	-224.94	126.82
5529	9.49	-3.97	17.16	-460.21	67.15	-50.05	-868.66	61.99	53.71
5530	9.25	-5.09	17.16	-467.42	149.73	-12.08	-817.00	-0.64	63.36
5531	8.96	-6.19	17.16	-467.28	222.89	25.50	-756.82	-60.44	82.71
5532	8.60	-7.27	17.16	-467.59	283.88	62.41	-684.13	-110.19	109.29
5533	10.39	-3.97	17.16	-351.22	10.88	-28.14	-776.10	31.02	92.60
5534	10.13	-5.09	17.16	-404.22	64.30	-7.45	-733.70	3.00	94.89
5535	9.81	-6.20	17.16	-445.62	111.88	14.08	-680.39	-24.78	100.45
5536	9.42	-7.27	17.16	-476.42	151.47	37.46	-616.42	-50.10	109.22
5537	11.30	-3.97	17.16	-268.42	-46.09	-16.94	-668.02	13.45	120.04
5538	11.01	-5.10	17.16	-338.44	-14.02	-2.88	-638.15	4.46	118.68
5539	10.66	-6.20	17.16	-397.85	15.57	12.08	-598.12	-4.83	117.47
5540	10.24	-7.27	17.16	-445.18	41.64	29.06	-548.53	-13.74	116.63
5541	12.20	-3.97	17.16	-204.24	-101.91	-8.08	-547.75	5.10	146.92
5542	11.90	-5.10	17.16	-274.64	-86.97	3.24	-531.65	8.91	143.22
5543	11.51	-6.20	17.16	-337.39	-71.07	15.28	-507.53	12.22	137.90
5544	11.06	-7.27	17.16	-390.45	-54.70	28.85	-475.47	15.24	131.19

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]
5545	13.11	-3.97	17.16	-150.74	-157.58	6.13	-413.04	9.02	186.41
5546	12.78	-5.11	17.16	-210.71	-157.59	15.14	-411.71	23.28	180.32
5547	12.37	-6.21	17.16	-267.27	-153.13	24.57	-405.17	36.57	171.39
5548	11.88	-7.28	17.16	-318.39	-143.95	34.89	-393.14	49.07	159.85
5549	14.01	-3.97	17.16	-97.94	-215.73	40.91	-255.60	40.25	272.52
5550	13.66	-5.11	17.16	-139.46	-229.61	43.81	-271.09	63.60	260.16
5551	13.22	-6.21	17.16	-183.61	-236.12	46.65	-285.01	85.11	244.42
5552	12.70	-7.28	17.16	-227.75	-233.36	50.21	-296.15	104.90	224.60
5553	0.47	-3.95	15.47	-95.26	268.82	-36.31	-22.02	-260.22	-555.93
5554	0.45	-5.05	15.47	68.60	234.73	545.33	-66.25	-230.19	-845.76
5555	0.44	-6.15	15.47	311.36	268.11	1396.09	-88.50	-155.14	-912.22
5556	0.42	-7.25	15.47	534.48	349.51	2361.73	-69.76	-87.52	-990.74
5557	1.40	-3.95	15.47	-141.54	295.78	-77.53	-89.16	-249.45	-602.90
5558	1.36	-5.06	15.47	-59.13	222.64	590.33	-134.37	-185.47	-908.12
5559	1.32	-6.16	15.47	41.57	230.20	1544.07	-120.18	-96.35	-978.97
5560	1.27	-7.25	15.47	130.72	274.11	2598.50	-67.81	-33.42	-1018.23
5561	2.33	-3.95	15.47	-180.08	295.27	-133.00	-115.58	-293.74	-652.69
5562	2.27	-5.06	15.47	-156.95	190.02	611.55	-120.78	-251.78	-951.37
5563	2.20	-6.16	15.47	-133.43	195.89	1648.29	-99.98	-196.13	-1018.09
5564	2.12	-7.25	15.47	-96.08	221.26	2807.38	-57.57	-153.51	-1030.36
5565	3.26	-3.96	15.47	-184.10	220.62	-255.86	-150.44	-342.03	-672.99
5566	3.18	-5.06	15.47	-119.39	179.90	558.76	-102.07	-330.62	-960.65
5567	3.09	-6.16	15.47	-35.18	214.10	1726.70	-91.79	-313.06	-1040.06
5568	2.97	-7.26	15.47	49.64	259.33	3070.48	-45.15	-318.89	-1040.34
5569	4.19	-3.96	15.47	-168.57	99.10	-431.44	-211.07	-346.33	-713.45
5570	4.09	-5.07	15.47	-46.67	166.32	517.03	-124.63	-319.99	-953.56
5571	3.97	-6.17	15.47	47.43	168.32	1714.05	-63.55	-431.99	-949.53
5572	3.82	-7.26	15.47	93.27	178.65	3009.32	50.44	-668.55	-873.74
5573	5.12	-3.96	15.47	-137.23	-37.31	-626.56	-245.25	-282.55	-795.57
5574	5.00	-5.07	15.47	-91.03	58.75	447.88	-131.39	-343.60	-871.30
5575	4.85	-6.17	15.47	-108.33	59.24	1520.72	-19.22	-564.97	-758.15
5576	4.67	-7.26	15.47	-152.35	33.41	2524.37	36.09	-918.02	-592.86
5577	6.05	-3.96	15.47	-110.33	-136.47	-711.43	-220.13	-94.64	-831.31
5578	5.91	-5.07	15.47	-151.20	-83.17	275.63	-146.02	-364.76	-731.68
5579	5.73	-6.18	15.47	-169.93	-148.85	1206.62	37.70	-676.14	-566.86
5580	5.52	-7.26	15.47	-134.54	-84.98	2025.26	122.55	-1033.08	-260.63
5581	6.98	-3.96	15.47	-70.20	-212.37	-655.02	-33.60	102.29	-645.15
5582	6.82	-5.08	15.47	-79.81	-203.48	119.02	-9.47	-273.47	-506.12
5583	6.61	-6.18	15.47	62.07	-204.19	797.27	-45.37	-699.26	-293.98
5584	6.37	-7.26	15.47	328.11	-17.26	1349.98	-127.87	-1127.75	20.31
5585	7.91	-3.96	15.47	-277.88	-214.63	-481.54	-81.83	256.31	-370.08
5586	7.73	-5.08	15.47	-70.55	-175.67	6.62	-116.54	-166.42	-256.81
5587	7.49	-6.18	15.47	100.74	-110.89	395.81	-180.19	-504.75	-77.95
5588	7.21	-7.26	15.47	261.17	-62.23	675.75	-227.50	-768.87	91.66
5589	8.84	-3.96	15.47	-323.32	-174.33	-280.68	-152.10	226.45	-138.49
5590	8.64	-5.08	15.47	-140.33	-149.96	-47.94	-178.98	-47.84	-76.62
5591	8.37	-6.19	15.47	15.80	-116.20	168.93	-225.23	-288.32	20.04
5592	8.06	-7.27	15.47	143.71	-74.60	355.75	-270.89	-482.64	132.51
5593	9.78	-3.97	15.47	-305.77	-144.44	-168.31	-205.91	174.72	25.06
5594	9.54	-5.09	15.47	-178.01	-132.28	-42.79	-220.73	7.48	54.09
5595	9.26	-6.19	15.47	-63.05	-114.81	81.85	-246.98	-147.16	102.26
5596	8.91	-7.27	15.47	33.58	-90.93	202.39	-278.15	-281.71	164.25
5597	10.71	-3.97	15.47	-261.29	-127.26	-103.25	-233.15	129.61	140.72
5598	10.45	-5.09	15.47	-183.35	-123.17	-26.70	-240.11	32.59	150.87
5599	10.14	-6.19	15.47	-109.76	-115.83	52.69	-253.29	-60.91	170.37
5600	9.76	-7.27	15.47	-44.42	-103.68	134.94	-270.82	-147.65	198.57
5601	11.64	-3.97	15.47	-207.14	-118.81	-60.56	-235.02	97.32	229.32
5602	11.36	-5.10	15.47	-166.80	-120.61	-6.89	-238.87	46.65	228.22
5603	11.02	-6.20	15.47	-126.95	-119.65	49.81	-245.50	-4.46	230.30
5604	10.61	-7.27	15.47	-89.51	-114.97	110.44	-254.59	-55.19	236.33
5605	12.57	-3.97	15.47	-151.95	-114.37	-22.74	-216.81	79.53	308.81
5606	12.27	-5.10	15.47	-138.30	-120.70	19.04	-220.89	60.91	300.02
5607	11.90	-6.20	15.47	-124.04	-124.08	63.04	-225.69	39.76	290.25
5608	11.46	-7.27	15.47	-109.76	-124.02	110.11	-231.17	15.70	280.68
5609	13.50	-3.97	15.47	-102.69	-108.03	27.18	-186.55	77.61	395.92
5610	13.18	-5.10	15.47	-107.74	-117.76	59.20	-192.50	82.61	380.04
5611	12.78	-6.21	15.47	-112.57	-124.17	92.38	-198.07	83.39	359.92
5612	12.31	-7.27	15.47	-116.93	-126.92	127.35	-203.09	79.10	336.97
5613	14.43	-3.97	15.47	-72.62	-90.02	110.49	-160.54	89.86	503.07
5614	14.09	-5.11	15.47	-90.82	-101.50	126.40	-167.03	113.41	477.72
5615	13.66	-6.21	15.47	-109.79	-109.65	142.96	-172.88	131.53	445.80
5616	13.16	-7.28	15.47	-128.28	-114.65	160.62	-177.52	142.40	408.11
5617	0.48	-3.95	13.78	-162.75	-37.59	206.95	-28.57	-273.11	-809.70
5618	0.47	-5.05	13.78	-105.53	12.21	826.75	-29.73	-281.93	-891.17
5619	0.46	-6.15	13.78	-67.60	-35.30	1595.65	-30.93	-295.37	-940.69
5620	0.44	-7.25	13.78	-47.98	-136.85	2504.93	-30.73	-312.08	-882.17
5621	1.44	-3.95	13.78	-168.01	-57.70	127.11	-50.61	-297.35	-815.78
5622	1.41	-5.06	13.78	-112.57	-6.66	757.57	-37.66	-296.93	-890.17
5623	1.37	-6.16	13.78	-70.19	-58.24	1528.34	-26.90	-310.15	-931.12
5624	1.32	-7.25	13.78	-41.42	-163.58	2426.33	-7.58	-343.05	-857.15
5625	2.40	-3.95	13.78	-165.52	-87.54	27.75	-66.78	-329.96	-831.29
5626	2.34	-5.06	13.78	-117.87	-34.03	695.62	-43.52	-323.68	-892.30
5627	2.28	-6.16	13.78	-85.36	-90.91	1496.18	-16.69	-341.22	-916.34
5628	2.20	-7.25	13.78	-70.77	-203.55	2393.76	18.81	-396.96	-807.77
5629	3.35	-3.96	13.78	-135.75	-123.80	-106.23	-68.71	-355.08	-853.05
5630	3.28	-5.06	13.78	-115.61	-82.10	621.40	-32.40	-360.67	-886.16
5631	3.19	-6.16	13.78	-126.09	-146.43	1444.63	17.97	-419.51	-869.95
5632	3.07	-7.26	13.78	-155.63	-274.26	2302.85	62.17	-536.76	-708.05
5633	4.31	-3.96	13.78	-74.42	-172.83	-270.18	-47.42	-340.92	-861.48
5634	4.22	-5.07	13.78	-96.08	-157.85	499.20	4.96	-406.31	-843.20
5635	4.10	-6.17	13.78	-125.18	-211.64	1303.98	61.77	-533.54	-772.28
5636	3.95	-7.26	13.78	-152.17	-322.95	2083.74	81.24	-706.11	-570.80
5637	5.27	-3.96	13.78	-3.05	-226.48	-423.12	3.31	-257.35	-821.11
5638	5.15	-5.07	13.78	-38.64	-231.48	326.44	46.36	-409.74	-756.04
5639	5.01	-6.17	13.78	-37.94	-272.58	1068.52	78.12	-597.03	-634.98
5640	4.83	-7.26	13.78	-14.20	-344.42	1749.36	89.90	-804.48	-411.49
5641	6.23	-3.96	13.78	34.38	-270.72	-516.85	72.36	-119.66	-707.77
5642	6.09	-5.07	13.78	29.39	-277.62	154.68	89.13	-341.89	-620.03
5643	5.92	-6.17	13.78	50.15	-289.20	791.04	66.81	-573.47	-480.27

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]
5644	5.71	-7.26	13.78	83.10	-344.83	1355.58	34.19	-791.83	-274.26
5645	7.19	-3.96	13.78	3.01	-281.60	-526.96	93.17	25.04	-553.52
5646	7.03	-5.08	13.78	43.52	-286.08	24.70	79.77	-235.53	-460.88
5647	6.83	-6.18	13.78	72.74	-298.20	540.82	67.63	-480.75	-331.75
5648	6.59	-7.26	13.78	88.28	-346.75	1000.91	30.70	-700.89	-154.04
5649	8.15	-3.96	13.78	-28.47	-266.52	-465.87	113.25	134.92	-371.26
5650	7.96	-5.08	13.78	26.92	-282.06	-47.15	86.11	-124.61	-293.14
5651	7.74	-6.18	13.78	95.90	-298.08	346.67	49.81	-373.40	-181.87
5652	7.47	-7.26	13.78	164.39	-299.38	705.18	-12.16	-597.64	-31.21
5653	9.10	-3.96	13.78	-95.86	-235.41	-368.53	91.39	200.47	-181.23
5654	8.90	-5.08	13.78	0.36	-250.54	-71.65	57.32	-35.39	-126.25
5655	8.65	-6.18	13.78	86.90	-260.28	206.97	12.08	-249.15	-44.34
5656	8.34	-7.27	13.78	160.37	-261.73	463.94	-45.38	-436.16	58.71
5657	10.06	-3.97	13.78	-132.85	-195.16	-265.05	48.91	210.44	-11.23
5658	9.84	-5.09	13.78	-34.83	-211.71	-66.39	19.21	30.53	18.77
5659	9.56	-6.19	13.78	50.99	-221.75	128.60	-20.45	-136.01	66.93
5660	9.22	-7.27	13.78	121.01	-223.42	317.92	-68.78	-284.95	130.86
5661	11.02	-3.97	13.78	-139.42	-156.25	-180.40	4.88	196.33	129.23
5662	10.77	-5.09	13.78	-58.45	-173.01	-41.48	-17.32	70.50	139.74
5663	10.47	-6.19	13.78	13.18	-183.83	99.17	-47.22	-49.67	161.22
5664	10.10	-7.27	13.78	72.25	-187.40	241.89	-83.80	-161.90	193.28
5665	11.98	-3.97	13.78	-125.38	-120.79	-110.26	-32.22	176.00	245.12
5666	11.71	-5.09	13.78	-67.87	-136.61	-6.12	-47.54	94.43	241.61
5667	11.38	-6.20	13.78	-16.19	-147.49	101.16	-68.11	13.30	243.32
5668	10.98	-7.27	13.78	27.34	-152.58	212.90	-93.46	-66.73	250.86
5669	12.94	-3.97	13.78	-101.53	-86.88	-43.36	-61.65	156.96	344.57
5670	12.65	-5.10	13.78	-67.84	-100.90	39.77	-71.48	109.99	330.72
5671	12.29	-6.20	13.78	-37.15	-111.05	125.80	-84.33	60.06	317.45
5672	11.86	-7.27	13.78	-10.73	-116.87	216.30	-100.11	6.70	305.86
5673	13.89	-3.97	13.78	-78.06	-50.64	33.69	-88.12	138.88	433.41
5674	13.58	-5.10	13.78	-66.06	-62.08	101.62	-93.05	119.58	411.36
5675	13.20	-6.20	13.78	-54.87	-70.92	171.81	-99.17	94.90	385.87
5676	12.73	-7.27	13.78	-44.84	-77.02	245.84	-106.53	63.77	358.38
5677	14.85	-3.97	13.78	-63.49	-7.98	135.32	-118.59	113.62	512.53
5678	14.52	-5.10	13.78	-70.03	-16.22	188.73	-117.73	118.72	483.12
5679	14.11	-6.21	13.78	-75.68	-23.47	244.47	-116.58	117.12	447.14
5680	13.61	-7.28	13.78	-79.69	-29.99	303.52	-115.44	106.43	405.63
5681	0.49	-3.95	12.09	-164.61	-241.48	179.62	-25.99	-248.56	-895.35
5682	0.48	-5.05	12.09	-160.63	-243.15	772.92	-30.51	-255.19	-854.69
5683	0.47	-6.15	12.09	-167.58	-293.43	1409.96	-34.82	-260.77	-773.24
5684	0.45	-7.25	12.09	-191.35	-393.69	2058.50	-40.76	-265.58	-601.32
5685	1.48	-3.95	12.09	-141.77	-250.11	94.98	-10.89	-277.70	-891.38
5686	1.45	-5.05	12.09	-140.13	-254.61	696.54	-10.51	-295.93	-847.64
5687	1.41	-6.16	12.09	-149.45	-304.53	1336.00	-7.56	-321.56	-760.81
5688	1.36	-7.25	12.09	-175.04	-400.21	1978.34	-9.82	-355.32	-585.94
5689	2.46	-3.95	12.09	-108.83	-263.42	-9.60	8.79	-294.08	-880.32
5690	2.41	-5.06	12.09	-116.69	-273.89	603.58	13.77	-329.62	-826.99
5691	2.35	-6.16	12.09	-133.81	-324.01	1237.88	21.04	-380.71	-726.58
5692	2.27	-7.25	12.09	-161.41	-412.00	1856.99	19.31	-445.50	-543.93
5693	3.45	-3.95	12.09	-63.29	-280.94	-131.18	37.42	-288.81	-854.77
5694	3.38	-5.06	12.09	-82.79	-297.25	487.68	43.68	-354.04	-786.72
5695	3.29	-6.16	12.09	-102.36	-345.47	1105.87	48.04	-434.42	-670.19
5696	3.18	-7.26	12.09	-122.74	-417.56	1691.37	39.05	-523.98	-481.99
5697	4.43	-3.96	12.09	-10.10	-297.26	-257.36	76.11	-250.26	-803.86
5698	4.34	-5.06	12.09	-34.10	-317.00	350.54	75.21	-353.62	-723.07
5699	4.22	-6.17	12.09	-53.53	-362.20	941.37	70.04	-463.36	-595.47
5700	4.08	-7.26	12.09	-69.61	-418.22	1487.20	52.86	-573.88	-405.83
5701	5.42	-3.96	12.09	35.31	-306.05	-366.30	117.16	-175.36	-720.96
5702	5.31	-5.07	12.09	16.77	-328.12	209.08	105.68	-318.02	-633.51
5703	5.16	-6.17	12.09	-1.65	-366.92	756.97	89.40	-460.32	-504.04
5704	4.99	-7.26	12.09	-18.74	-408.80	1256.87	54.96	-592.30	-323.65
5705	6.41	-3.96	12.09	58.38	-301.82	-436.66	147.95	-75.32	-608.60
5706	6.27	-5.07	12.09	52.36	-327.31	83.86	126.05	-251.92	-522.45
5707	6.10	-6.17	12.09	47.17	-362.74	572.68	102.51	-420.48	-397.75
5708	5.90	-7.26	12.09	42.21	-388.35	1016.08	60.82	-573.56	-233.29
5709	7.39	-3.96	12.09	56.99	-285.61	-456.26	170.06	31.53	-469.20
5710	7.23	-5.07	12.09	70.43	-313.84	-9.76	140.92	-166.91	-393.06
5711	7.04	-6.18	12.09	86.46	-341.25	408.12	100.12	-350.14	-283.00
5712	6.81	-7.26	12.09	100.98	-354.96	787.72	48.28	-510.12	-142.79
5713	8.38	-3.96	12.09	25.77	-257.93	-428.82	167.97	122.34	-315.08
5714	8.20	-5.08	12.09	66.08	-284.88	-64.42	134.00	-77.64	-255.05
5715	7.98	-6.18	12.09	96.63	-306.16	279.81	90.99	-258.43	-169.25
5716	7.72	-7.26	12.09	116.05	-320.56	597.97	39.46	-414.90	-59.74
5717	9.36	-3.96	12.09	-9.04	-221.72	-368.96	149.58	183.70	-160.20
5718	9.16	-5.08	12.09	44.28	-248.26	-81.67	116.40	0.92	-119.75
5719	8.92	-6.18	12.09	89.07	-267.02	195.13	74.81	-167.19	-59.24
5720	8.62	-7.26	12.09	121.62	-275.64	458.39	24.32	-315.75	20.70
5721	10.35	-3.96	12.09	-43.19	-181.94	-293.99	116.61	216.60	-14.17
5722	10.13	-5.08	12.09	18.10	-205.99	-70.17	87.73	60.34	7.23
5723	9.86	-6.19	12.09	69.19	-222.24	149.00	51.04	-84.71	43.68
5724	9.53	-7.27	12.09	107.39	-229.15	363.07	7.19	-215.67	94.16
5725	11.33	-3.97	12.09	-64.95	-141.28	-215.08	75.29	224.78	116.42
5726	11.09	-5.09	12.09	-6.69	-162.31	-39.63	52.99	101.08	121.17
5727	10.80	-6.19	12.09	42.57	-176.42	135.58	24.07	-16.50	135.97
5728	10.44	-7.27	12.09	80.48	-182.65	311.31	-10.70	-126.20	160.73
5729	12.32	-3.97	12.09	-73.24	-101.62	-138.08	31.66	217.08	229.04
5730	12.06	-5.09	12.09	-25.76	-119.08	4.38	16.38	125.35	220.59
5731	11.73	-6.19	12.09	15.27	-131.02	148.49	-3.97	35.23	217.62
5732	11.35	-7.27	12.09	48.02	-136.91	295.83	-28.90	-52.54	220.82
5733	13.30	-3.97	12.09	-71.88	-62.95	-61.59	-11.29	198.59	323.97
5734	13.02	-5.09	12.09	-39.13	-76.49	59.48	-19.99	135.66	305.72
5735	12.67	-6.20	12.09	-9.96	-86.15	182.62	-32.05	70.81	288.81
5736	12.25	-7.27	12.09	14.40	-91.72	309.74	-47.36	3.99	274.57
5737	14.29	-3.97	12.09	-65.70	-24.65	17.97	-52.95	168.79	401.43
5738	13.99	-5.10	12.09	-49.06	-34.13	125.62	-55.55	131.83	376.62
5739	13.61	-6.20	12.09	-33.27	-41.56	235.11	-59.85	90.20	349.28
5740	13.16	-7.27	12.09	-18.86	-46.98	348.40	-66.01	43.31	321.33
5741	15.28	-3.97	12.09	-56.76	14.00	101.52	-94.34	121.50	461.35
5742	14.95	-5.10	12.09	-56.12	8.40	201.52	-91.11	108.85	432.75

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]
5743	14.55	-6.20	12.09	-54.14	2.97	303.33	-87.90	89.98	398.60
5744	14.07	-7.27	12.09	-50.33	-2.46	408.17	-85.35	62.91	360.70
5745	0.51	-3.95	10.41	-121.36	-316.76	35.55	-24.29	-205.16	-853.83
5746	0.50	-5.05	10.41	-142.34	-340.92	564.73	-29.57	-212.86	-759.07
5747	0.48	-6.15	10.41	-168.34	-381.87	1077.56	-35.34	-218.86	-625.68
5748	0.47	-7.25	10.41	-199.16	-426.81	1549.01	-42.00	-222.17	-437.65
5749	1.52	-3.95	10.41	-94.21	-318.90	-32.92	8.08	-220.56	-842.88
5750	1.49	-5.05	10.41	-117.17	-343.87	497.53	1.46	-247.78	-748.02
5751	1.45	-6.15	10.41	-144.40	-384.12	1008.58	-6.63	-274.70	-615.00
5752	1.41	-7.25	10.41	-175.27	-426.88	1476.54	-18.30	-298.74	-429.54
5753	2.53	-3.95	10.41	-58.87	-320.29	-116.73	41.79	-220.23	-816.13
5754	2.48	-5.06	10.41	-84.08	-346.58	410.71	32.56	-269.70	-720.32
5755	2.42	-6.16	10.41	-111.32	-384.77	914.12	20.86	-318.31	-587.59
5756	2.34	-7.25	10.41	-140.51	-422.59	1372.41	3.09	-362.08	-406.59
5757	3.54	-3.95	10.41	-18.68	-318.90	-208.02	76.64	-199.05	-770.95
5758	3.47	-5.06	10.41	-44.77	-346.91	309.44	62.88	-273.20	-675.28
5759	3.39	-6.16	10.41	-71.67	-382.01	798.70	45.96	-344.03	-544.44
5760	3.28	-7.26	10.41	-99.79	-414.29	1241.21	21.83	-407.12	-370.32
5761	4.56	-3.96	10.41	19.89	-312.84	-295.26	110.14	-154.60	-705.25
5762	4.47	-5.06	10.41	-4.19	-342.49	202.74	91.15	-254.88	-612.32
5763	4.35	-6.16	10.41	-28.60	-373.79	669.59	67.92	-348.76	-486.30
5764	4.22	-7.26	10.41	-53.90	-399.76	1090.18	36.20	-430.77	-323.14
5765	5.57	-3.96	10.41	49.25	-300.58	-365.55	138.84	-89.51	-618.59
5766	5.46	-5.07	10.41	31.61	-331.29	101.43	114.43	-214.92	-532.13
5767	5.32	-6.17	10.41	14.03	-359.07	537.12	84.52	-329.38	-415.08
5768	5.15	-7.26	10.41	-5.01	-378.85	929.41	47.32	-428.13	-266.48
5769	6.58	-3.96	10.41	63.23	-281.70	-407.90	159.55	-11.46	-512.23
5770	6.45	-5.07	10.41	57.35	-312.33	16.38	130.52	-156.94	-436.44
5771	6.29	-6.17	10.41	49.35	-335.97	412.98	94.30	-287.75	-333.79
5772	6.09	-7.26	10.41	37.42	-351.04	772.79	51.22	-398.76	-204.37
5773	7.60	-3.96	10.41	58.80	-256.14	-417.48	166.65	67.45	-391.41
5774	7.44	-5.07	10.41	67.91	-285.55	-43.59	134.94	-88.69	-330.11
5775	7.25	-6.17	10.41	71.22	-306.50	308.23	97.31	-228.96	-245.48
5776	7.03	-7.26	10.41	67.48	-317.52	632.14	52.32	-349.10	-138.59
5777	8.61	-3.96	10.41	41.16	-225.45	-395.83	160.19	136.62	-262.79
5778	8.44	-5.08	10.41	63.86	-253.14	-75.05	129.14	-20.38	-218.31
5779	8.22	-6.18	10.41	80.03	-271.62	230.01	91.16	-162.27	-153.53
5780	9.97	-7.26	10.41	87.69	-278.29	515.96	46.43	-285.18	-70.68
5781	9.62	-3.96	10.41	14.23	-191.78	-349.64	139.39	188.40	-133.43
5782	9.43	-5.08	10.41	49.00	-216.63	-79.60	111.64	40.07	-106.10
5783	9.19	-6.18	10.41	74.76	-232.44	180.72	77.03	-94.96	-62.30
5784	8.90	-7.26	10.41	90.09	-237.84	429.83	36.54	-213.87	-3.93
5785	10.63	-3.96	10.41	-13.00	-157.01	-287.63	107.55	219.62	-9.71
5786	10.42	-5.08	10.41	27.61	-178.69	-61.61	85.16	87.61	1.47
5787	10.16	-6.18	10.41	59.47	-192.09	159.65	56.42	-34.72	25.24
5788	9.84	-7.27	10.41	80.97	-196.24	376.02	22.18	-145.17	60.81
5789	11.65	-3.96	10.41	-36.40	-122.85	-217.84	68.43	231.94	103.96
5790	11.41	-5.09	10.41	4.73	-140.86	-26.43	52.32	120.08	101.06
5791	11.12	-6.19	10.41	38.23	-151.89	163.08	30.69	14.35	107.05
5792	10.78	-7.27	10.41	62.64	-155.34	351.69	4.23	-83.89	122.00
5793	12.66	-3.97	10.41	-53.27	-90.18	-145.81	26.02	227.98	204.68
5794	12.41	-5.09	10.41	-16.78	-104.34	20.66	16.18	137.83	190.37
5795	12.09	-6.19	10.41	14.12	-113.05	186.56	1.97	50.36	181.37
5796	11.72	-7.27	10.41	38.17	-116.00	353.52	-16.28	-33.73	178.66
5797	13.67	-3.97	10.41	-62.81	-59.31	-75.88	-16.15	209.79	290.29
5798	13.40	-5.09	10.41	-34.91	-69.67	74.81	-20.48	141.33	267.73
5799	13.06	-6.19	10.41	-10.07	-76.19	225.05	-27.81	72.39	247.07
5800	12.65	-7.27	10.41	10.68	-78.76	376.81	-38.11	3.15	230.06
5801	14.68	-3.97	10.41	-63.88	-29.89	-11.61	-55.82	176.15	359.02
5802	14.39	-5.09	10.41	-47.06	-36.61	131.56	-55.80	128.82	331.99
5803	14.03	-6.20	10.41	-30.79	-41.13	273.81	-57.32	78.18	303.49
5804	13.59	-7.27	10.41	-15.80	-43.67	416.89	-60.42	24.21	275.90
5805	15.70	-3.97	10.41	-57.30	-2.65	41.40	-90.23	125.35	408.13
5806	15.38	-5.10	10.41	-53.65	-6.61	184.21	-86.88	98.71	380.31
5807	14.99	-6.20	10.41	-48.53	-9.92	325.84	-83.48	66.93	348.26
5808	14.53	-7.27	10.41	-41.43	-12.44	466.92	-80.66	28.82	314.35
5809	0.52	-3.95	8.72	-70.52	-306.35	-116.94	-23.03	-161.89	-759.26
5810	0.51	-5.05	8.72	-99.24	-334.29	335.05	-28.43	-170.15	-659.04
5811	0.50	-6.15	8.72	-127.88	-358.40	753.59	-34.06	-175.99	-528.74
5812	0.48	-7.25	8.72	-155.71	-372.52	1126.62	-39.87	-178.96	-367.91
5813	1.56	-3.95	8.72	-47.35	-304.58	-165.76	11.75	-160.50	-746.10
5814	1.53	-5.05	8.72	-76.36	-332.78	285.26	2.14	-188.56	-648.05
5815	1.49	-6.15	8.72	-105.15	-356.47	702.70	-8.62	-212.61	-520.44
5816	1.45	-7.25	8.72	-133.23	-369.86	1075.08	-20.92	-231.35	-363.29
5817	2.60	-3.95	8.72	-19.51	-299.62	-223.52	45.43	-146.43	-716.20
5818	2.55	-5.06	8.72	-47.98	-327.96	221.52	31.53	-194.85	-621.76
5819	2.49	-6.16	8.72	-76.25	-350.67	633.08	15.61	-237.34	-498.68
5820	2.42	-7.25	8.72	-104.01	-362.67	1000.67	-2.90	-271.95	-347.75
5821	3.64	-3.95	8.72	9.23	-290.95	-283.20	76.62	-117.46	-669.27
5822	3.57	-5.06	8.72	-17.13	-319.19	149.91	58.52	-186.51	-580.28
5823	3.49	-6.16	8.72	-43.45	-340.56	550.26	37.53	-247.45	-463.96
5824	3.38	-7.25	8.72	-69.54	-350.45	908.89	13.09	-297.74	-322.09
5825	4.68	-3.96	8.72	34.31	-278.12	-336.62	103.43	-73.81	-605.52
5826	4.59	-5.06	8.72	12.39	-305.97	77.71	81.44	-162.70	-524.23
5827	4.48	-6.16	8.72	-10.07	-325.74	461.28	55.83	-241.02	-417.31
5828	4.35	-7.26	8.72	-33.14	-333.38	806.62	26.39	-306.10	-287.23
5829	5.72	-3.96	8.72	51.31	-261.01	-375.88	123.49	-18.62	-526.08
5830	5.61	-5.07	8.72	36.54	-288.06	12.72	98.53	-124.81	-454.95
5831	5.48	-6.17	8.72	19.85	-305.97	373.97	69.31	-218.50	-360.19
5832	5.32	-7.26	8.72	1.16	-311.47	702.01	35.72	-296.76	-244.77
5833	6.76	-3.96	8.72	57.28	-239.98	-395.23	134.14	42.31	-433.60
5834	6.63	-5.07	8.72	51.84	-265.73	-38.19	107.80	-76.76	-374.86
5835	6.47	-6.17	8.72	42.86	-281.86	295.99	76.76	-182.26	-294.53
5836	6.28	-7.26	8.72	30.18	-285.44	602.91	41.19	-271.41	-196.02
5837	7.80	-3.96	8.72	51.94	-216.00	-392.05	133.90	102.08	-331.73
5838	7.65	-5.07	8.72	56.91	-239.95	-70.49	108.23	-24.25	-286.86
5839	7.47	-6.17	8.72	56.85	-254.00	233.44	77.04	-136.87	-222.83
5840	7.25	-7.26	8.72	51.28	-256.21	516.62	41.37	-233.10	-142.80
5841	8.84	-3.96	8.72	36.86	-190.32	-367.41	121.72	153.83	-224.86

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]
5842	8.67	-5.07	8.72	52.12	-211.88	-82.38	98.70	26.80	-194.51
5843	8.47	-6.18	8.72	60.59	-223.86	190.23	70.06	-87.57	-147.77
5844	8.22	-7.26	8.72	61.86	-225.26	448.53	36.77	-186.97	-86.95
5845	9.88	-3.96	8.72	16.15	-164.27	-325.08	98.35	192.64	-117.30
5846	9.69	-5.08	8.72	39.52	-183.09	-74.63	79.82	70.89	-101.36
5847	9.46	-6.18	8.72	55.46	-193.08	167.84	55.68	-40.14	-71.73
5848	9.18	-7.26	8.72	63.42	-193.50	401.56	26.74	-138.54	-29.92
5849	10.92	-3.96	8.72	-6.69	-139.08	-270.22	65.38	215.96	-12.60
5850	10.71	-5.08	8.72	22.12	-154.87	-49.88	52.61	104.15	-10.18
5851	10.46	-6.18	8.72	43.23	-162.94	165.60	34.57	0.89	3.11
5852	10.15	-7.26	8.72	56.13	-162.77	376.45	11.84	-92.52	26.74
5853	11.96	-3.96	8.72	-28.43	-115.54	-208.01	25.73	223.40	86.73
5854	11.73	-5.08	8.72	2.35	-128.33	-11.56	19.14	124.57	77.04
5855	11.45	-6.19	8.72	26.11	-134.66	181.64	8.01	32.03	75.31
5856	11.12	-7.27	8.72	42.28	-134.11	372.62	-7.46	-53.46	82.15
5857	13.00	-3.96	8.72	-47.57	-94.17	-143.52	-16.53	216.44	179.01
5858	12.75	-5.09	8.72	-18.23	-104.13	36.54	-17.50	131.91	159.12
5859	12.45	-6.19	8.72	5.65	-108.97	213.27	-21.98	51.55	144.15
5860	12.08	-7.27	8.72	23.41	-108.22	388.19	-30.18	-24.28	135.85
5861	14.04	-3.97	8.72	-63.17	-75.37	-83.02	-55.80	198.04	262.09
5862	13.77	-5.09	8.72	-38.85	-82.86	88.98	-52.78	128.25	234.52
5863	13.44	-6.19	8.72	-17.55	-86.54	256.17	-52.10	60.32	208.74
5864	13.05	-7.27	8.72	0.12	-85.67	420.06	-54.17	-5.62	187.57
5865	15.08	-3.97	8.72	-72.01	-59.59	-38.45	-85.72	171.88	330.74
5866	14.79	-5.09	8.72	-56.90	-65.34	133.38	-81.35	118.02	299.19
5867	14.44	-6.19	8.72	-41.76	-68.35	298.83	-78.06	62.71	266.17
5868	14.02	-7.27	8.72	-26.80	-67.47	458.86	-76.32	6.08	235.50
5869	16.12	-3.97	8.72	-60.15	-41.23	-18.18	-109.45	130.74	382.75
5870	15.81	-5.10	8.72	-54.50	-44.85	160.82	-106.73	92.98	352.61
5871	15.44	-6.20	8.72	-47.80	-47.48	333.59	-103.62	50.80	318.14
5872	14.98	-7.27	8.72	-39.36	-47.04	498.75	-100.33	3.83	282.50
5873	0.53	-3.95	7.03	-28.41	-259.54	-232.60	-22.40	-125.91	-662.20
5874	0.52	-5.05	7.03	-55.77	-281.53	148.29	-26.94	-134.28	-577.73
5875	0.51	-6.15	7.03	-81.32	-293.88	497.99	-31.58	-140.51	-469.57
5876	0.50	-7.25	7.03	-104.45	-293.60	810.50	-36.14	-144.45	-341.33
5877	1.60	-3.95	7.03	-10.79	-256.76	-264.70	7.96	-111.32	-649.70
5878	1.57	-5.05	7.03	-37.97	-278.84	114.90	-0.84	-137.34	-567.83
5879	1.54	-6.15	7.03	-63.62	-291.16	463.83	-10.53	-159.14	-462.57
5880	1.49	-7.25	7.03	-87.16	-290.89	776.30	-20.83	-176.11	-337.63
5881	2.67	-3.95	7.03	8.66	-250.59	-300.60	36.31	-88.28	-622.08
5882	2.62	-5.06	7.03	-17.09	-272.47	73.22	23.61	-131.85	-544.61
5883	2.56	-6.16	7.03	-41.75	-284.44	417.57	9.29	-169.22	-444.39
5884	2.49	-7.25	7.03	-64.80	-283.89	727.14	-6.30	-199.31	-325.23
5885	3.73	-3.95	7.03	27.16	-241.10	-335.33	61.12	-55.95	-579.79
5886	3.67	-5.06	7.03	4.32	-262.49	27.96	45.08	-116.45	-508.58
5887	3.59	-6.16	7.03	-18.10	-273.81	363.80	26.74	-168.86	-415.52
5888	3.49	-7.25	7.03	-39.71	-272.86	667.43	6.58	-211.79	-304.50
5889	4.80	-3.96	7.03	41.74	-228.54	-363.56	80.64	-15.25	-523.85
5890	4.72	-5.06	7.03	23.48	-249.11	-15.56	62.15	-91.19	-460.69
5891	4.61	-6.16	7.03	4.67	-259.53	307.80	40.70	-157.52	-376.83
5892	4.48	-7.26	7.03	-14.39	-258.08	602.46	16.93	-212.55	-276.17
5893	5.87	-3.96	7.03	49.92	-213.42	-380.56	93.08	31.17	-455.98
5894	5.76	-5.06	7.03	37.82	-232.77	-52.21	73.38	-57.75	-402.42
5895	5.63	-6.17	7.03	23.96	-242.12	255.00	50.09	-136.00	-329.58
5896	5.48	-7.26	7.03	8.59	-240.15	537.77	24.10	-201.79	-241.13
5897	6.94	-3.96	7.03	50.37	-196.50	-383.07	96.94	79.33	-378.53
5898	6.81	-5.07	7.03	45.57	-214.24	-77.81	77.53	-19.12	-335.78
5899	6.66	-6.17	7.03	37.67	-222.31	210.31	53.95	-106.52	-275.38
5900	6.48	-7.26	7.03	26.89	-219.84	478.72	27.25	-181.00	-200.61
5901	8.00	-3.96	7.03	43.20	-178.78	-369.93	91.01	124.58	-294.40
5902	7.86	-5.07	7.03	46.12	-194.55	-89.66	73.57	20.79	-263.18
5903	7.68	-6.17	7.03	44.55	-201.24	177.48	51.58	-72.29	-216.09
5904	7.47	-7.26	7.03	38.80	-198.22	429.72	26.00	-152.91	-155.88
5905	9.07	-3.96	7.03	30.07	-161.39	-342.03	74.75	162.55	-206.60
5906	8.91	-5.07	7.03	40.18	-174.94	-86.93	61.04	57.81	-187.12
5907	8.71	-6.17	7.03	44.66	-180.12	158.76	42.46	-37.15	-153.67
5908	8.47	-7.26	7.03	43.91	-176.51	393.95	19.82	-120.81	-108.31
5909	10.14	-3.96	7.03	13.45	-145.36	-301.93	48.15	189.69	-117.77
5910	9.96	-5.08	7.03	29.56	-156.65	-70.35	39.76	88.14	-109.81
5911	9.73	-6.18	7.03	38.95	-160.31	154.80	26.45	-4.92	-89.91
5912	9.46	-7.26	7.03	42.28	-156.13	373.12	8.60	-88.35	-59.23
5913	11.20	-3.96	7.03	-3.82	-131.38	-253.13	11.81	203.62	-29.59
5914	11.01	-5.08	7.03	16.57	-140.72	-41.81	9.97	108.59	-32.71
5915	10.76	-6.18	7.03	29.39	-143.14	165.05	3.54	20.79	-26.04
5916	10.46	-7.26	7.03	35.50	-138.40	367.61	-7.81	-59.24	-9.62
5917	12.27	-3.96	7.03	-19.69	-119.54	-199.26	-33.04	203.17	57.82
5918	12.05	-5.08	7.03	3.39	-127.55	-3.57	-27.85	116.73	44.18
5919	11.78	-6.18	7.03	18.20	-129.49	188.23	-26.28	36.73	37.82
5920	11.46	-7.26	7.03	25.58	-124.68	376.82	-29.57	-36.93	40.15
5921	13.34	-3.96	7.03	-33.61	-109.09	-143.54	-83.74	188.60	146.45
5922	13.10	-5.08	7.03	-9.17	-116.60	42.55	-72.29	111.23	123.03
5923	12.81	-6.19	7.03	6.89	-119.41	223.54	-62.71	40.10	103.55
5924	12.45	-7.27	7.03	14.74	-115.68	400.20	-57.03	-24.97	91.06
5925	14.41	-3.97	7.03	-47.49	-99.11	-88.77	-133.75	163.17	240.10
5926	14.15	-5.09	7.03	-23.22	-106.48	95.94	-118.70	93.54	208.35
5927	13.83	-6.19	7.03	-5.99	-111.71	272.30	-103.42	30.00	175.93
5928	13.45	-7.27	7.03	3.43	-110.84	439.61	-89.91	-26.54	146.90
5929	15.47	-3.97	7.03	-65.65	-91.66	-40.60	-166.17	137.77	339.59
5930	15.20	-5.09	7.03	-45.39	-98.12	155.55	-152.32	74.19	302.40
5931	14.86	-6.19	7.03	-28.49	-105.95	338.49	-137.30	14.56	259.57
5932	14.45	-7.27	7.03	-15.54	-109.50	503.09	-121.95	-38.64	213.83
5933	16.54	-3.97	7.03	-88.20	-106.10	-50.90	-134.03	143.80	408.41
5934	16.25	-5.09	7.03	-86.18	-114.14	163.06	-129.45	96.52	370.31
5935	15.88	-6.19	7.03	-81.66	-124.54	364.69	-124.88	45.22	324.80
5936	15.44	-7.27	7.03	-72.19	-130.65	544.84	-121.26	-10.94	272.01
5937	0.55	-3.95	5.34	1.94	-204.77	-303.99	-21.17	-97.68	-584.78
5938	0.54	-5.05	5.34	-20.87	-218.24	16.16	-24.68	-106.04	-519.83
5939	0.53	-6.15	5.34	-41.65	-222.05	312.23	-28.32	-112.76	-435.34
5940	0.51	-7.25	5.34	-59.85	-214.76	581.11	-31.89	-117.80	-335.36

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]
5941	1.64	-3.95	5.34	15.16	-202.33	-324.19	2.61	-74.90	-573.90
5942	1.61	-5.05	5.34	-7.34	-215.84	-5.16	-4.30	-98.35	-511.23
5943	1.58	-6.15	5.34	-28.09	-219.72	290.30	-11.96	-118.35	-429.21
5944	1.54	-7.25	5.34	-46.56	-212.65	559.19	-20.01	-134.56	-331.90
5945	2.74	-3.95	5.34	28.24	-197.18	-344.72	24.24	-47.10	-550.14
5946	2.69	-5.06	5.34	7.25	-210.39	-30.42	14.38	-85.31	-491.39
5947	2.63	-6.16	5.34	-12.50	-214.12	261.55	3.15	-118.41	-413.71
5948	2.56	-7.25	5.34	-30.49	-207.21	528.34	-8.91	-145.77	-321.09
5949	3.83	-3.95	5.34	39.36	-189.62	-362.37	42.25	-14.20	-514.21
5950	3.77	-5.06	5.34	21.12	-202.21	-56.36	30.11	-66.32	-460.87
5951	3.69	-6.16	5.34	3.42	-205.59	229.19	16.00	-111.92	-389.26
5952	3.59	-7.25	5.34	-13.25	-198.73	491.70	0.63	-150.12	-303.21
5953	4.92	-3.95	5.34	46.75	-180.15	-373.84	55.17	22.76	-467.28
5954	4.84	-5.06	5.34	32.44	-191.79	-79.46	41.68	-41.80	-420.68
5955	4.74	-6.16	5.34	17.79	-194.59	196.87	25.63	-98.79	-356.67
5956	4.62	-7.26	5.34	3.29	-187.74	452.91	7.89	-147.10	-278.81
5957	6.02	-3.96	5.34	49.10	-169.45	-376.41	61.66	61.72	-411.03
5958	5.92	-5.06	5.34	39.67	-179.81	-96.47	47.96	-13.16	-372.20
5959	5.79	-6.16	5.34	28.89	-181.83	168.20	31.16	-79.86	-317.00
5960	5.64	-7.26	5.34	17.29	-174.90	415.77	12.18	-137.13	-248.67
5961	7.11	-3.96	5.34	45.93	-158.37	-368.35	60.53	99.88	-347.53
5962	6.99	-5.07	5.34	41.90	-167.17	-104.84	47.98	17.37	-317.15
5963	6.85	-6.17	5.34	35.47	-168.20	146.34	31.81	-56.85	-271.63
5964	6.67	-7.26	5.34	27.24	-161.07	383.75	12.95	-121.45	-213.74
5965	8.21	-3.96	5.34	37.79	-147.93	-349.30	50.85	134.16	-279.09
5966	8.07	-5.07	5.34	39.11	-154.98	-103.12	40.97	47.09	-257.48
5967	7.90	-6.17	5.34	36.95	-154.81	133.58	26.99	-32.06	-222.10
5968	7.69	-7.26	5.34	32.13	-147.31	359.72	9.69	-101.97	-175.16
5969	9.30	-3.96	5.34	26.25	-139.21	-320.25	31.91	161.62	-207.98
5970	9.15	-5.07	5.34	32.25	-144.48	-91.03	26.36	73.19	-195.14
5971	8.95	-6.17	5.34	33.61	-142.97	131.16	16.28	-8.06	-169.99
5972	8.72	-7.26	5.34	31.61	-134.88	345.62	2.11	-80.97	-134.10
5973	10.40	-3.96	5.34	13.76	-133.14	-283.33	3.05	179.80	-136.07
5974	10.22	-5.07	5.34	23.24	-136.94	-69.46	3.59	93.07	-131.79
5975	10.00	-6.18	5.34	26.70	-134.16	139.26	-0.70	12.59	-116.74
5976	9.74	-7.26	5.34	26.18	-125.20	342.40	-10.08	-60.82	-91.73
5977	11.49	-3.96	5.34	3.30	-130.15	-241.45	-36.73	186.84	-64.28
5978	11.30	-5.08	5.34	14.91	-133.40	-40.17	-28.34	104.43	-68.36
5979	11.06	-6.18	5.34	18.51	-129.95	157.11	-24.57	27.47	-63.32
5980	10.77	-7.26	5.34	17.15	-119.98	350.09	-27.14	-43.78	-48.98
5981	12.59	-3.96	5.34	-2.18	-129.40	-197.86	-89.22	181.37	8.26
5982	12.37	-5.08	5.34	10.83	-133.99	-5.42	-71.57	105.17	-4.10
5983	12.11	-6.18	5.34	12.65	-131.73	183.34	-56.96	34.15	-9.52
5984	11.80	-7.26	5.34	7.11	-121.31	368.01	-49.80	-32.09	-6.26
5985	13.68	-3.96	5.34	-0.65	-127.47	-155.48	-157.15	162.40	85.92
5986	13.45	-5.08	5.34	14.60	-135.95	32.76	-130.48	93.02	65.33
5987	13.16	-6.18	5.34	14.37	-139.71	216.71	-102.21	29.49	47.91
5988	12.82	-7.26	5.34	0.65	-131.75	395.52	-80.13	-28.51	37.60
5989	14.77	-3.96	5.34	7.70	-117.60	-115.27	-243.47	129.63	180.35
5990	14.53	-5.08	5.34	27.79	-130.23	74.71	-211.31	65.51	152.28
5991	14.22	-6.19	5.34	29.56	-147.09	258.92	-170.34	8.21	120.84
5992	13.85	-7.27	5.34	6.53	-153.89	434.00	-125.42	-38.94	89.56
5993	15.87	-3.97	5.34	19.03	-91.06	-70.47	-349.35	85.24	322.25
5994	15.60	-5.09	5.34	47.15	-100.89	130.87	-317.32	21.55	287.81
5995	15.27	-6.19	5.34	57.52	-129.81	324.74	-273.03	-36.18	242.92
5996	14.87	-7.27	5.34	36.17	-170.43	500.18	-208.50	-78.09	180.89
5997	16.96	-3.97	5.34	12.10	-39.66	29.66	-473.54	58.26	618.69
5998	16.68	-5.09	5.34	52.96	-26.13	294.37	-440.95	-25.92	569.43
5999	16.32	-6.19	5.34	76.31	-41.72	541.82	-402.66	-104.10	511.48
6000	15.90	-7.27	5.34	72.27	-103.11	748.54	-344.60	-171.08	421.19
6001	-12.23	-8.10	17.16	-229.30	-134.38	33.39	233.21	-130.01	199.01
6002	-11.83	-8.70	17.16	-249.13	-129.70	34.16	230.87	-139.83	186.06
6003	-11.44	-8.10	17.16	-328.98	-44.37	35.33	299.40	-74.65	138.49
6004	-11.07	-8.70	17.16	-345.54	-39.21	41.41	282.57	-81.57	130.65
6005	-10.65	-8.10	17.16	-407.64	47.37	39.36	354.81	-35.60	115.05
6006	-10.30	-8.70	17.16	-419.84	52.05	48.96	325.93	-38.30	111.10
6007	-9.86	-8.10	17.16	-463.08	147.26	48.28	405.24	3.29	109.81
6008	-9.54	-8.70	17.16	-469.93	152.08	59.89	365.54	7.42	110.48
6009	-9.07	-8.10	17.16	-486.42	264.88	69.13	456.36	55.43	118.48
6010	-8.78	-8.70	17.16	-485.09	270.67	84.47	406.73	64.33	123.25
6011	-8.28	-8.10	17.16	-459.59	413.46	116.91	517.31	138.80	145.94
6012	-8.01	-8.70	17.16	-449.26	422.28	136.49	455.74	152.91	155.56
6013	-7.49	-8.10	17.16	-351.44	620.78	226.29	597.97	284.11	205.69
6014	-7.25	-8.70	17.16	-326.10	616.40	247.83	520.65	309.83	210.42
6015	-6.70	-8.10	17.16	-94.86	858.99	462.55	690.52	563.91	267.80
6016	-6.49	-8.70	17.16	-18.45	888.04	515.58	643.07	645.99	339.84
6017	-5.92	-8.10	17.16	603.76	1216.93	1169.66	892.15	1346.53	507.95
6018	-5.72	-8.70	17.16	649.68	1288.24	1308.39	961.01	1464.31	673.23
6019	-5.13	-8.10	17.16	2334.16	2045.60	5546.40	1483.00	4160.62	1169.28
6020	-4.96	-8.70	17.16	1852.11	3013.94	4663.59	1786.65	3348.50	2979.03
6021	-4.34	-8.10	17.16	872.53	1276.20	9076.77	-109.38	340.16	-36.35
6022	-4.20	-8.70	17.16	1925.85	2762.92	8624.74	718.66	1863.65	2304.50
6023	-3.55	-8.10	17.16	798.68	1205.75	6621.77	-74.29	-659.22	-1293.72
6024	-3.43	-8.70	17.16	940.01	1221.92	8633.19	-160.08	38.56	-382.32
6025	-2.76	-8.10	17.16	741.58	1050.48	5527.83	-41.56	251.95	-1402.35
6026	-2.67	-8.70	17.16	891.74	1034.54	7434.09	-45.97	-231.46	-734.82
6027	-1.97	-8.10	17.16	623.83	977.60	6020.94	30.30	-420.44	-976.37
6028	-1.91	-8.70	17.16	789.29	1074.12	7052.89	-41.26	-432.11	-886.60
6029	-1.18	-8.10	17.16	1068.69	855.99	4118.05	335.25	-2183.81	-845.80
6030	-1.14	-8.70	17.16	1207.40	997.91	4857.41	265.51	-2346.22	-896.33
6031	-0.39	-8.10	17.16	383.44	378.41	1506.22	91.65	-695.78	-422.98
6032	-0.38	-8.70	17.16	420.70	581.13	1948.84	44.24	-648.27	-643.95
6033	-12.70	-8.10	15.47	-118.90	-56.86	122.37	137.57	-157.27	359.86
6034	-12.31	-8.70	15.47	-126.48	-57.90	133.43	137.56	-156.78	337.43
6035	-11.88	-8.10	15.47	-90.83	-62.55	130.74	161.72	-84.21	306.90
6036	-11.52	-8.70	15.47	-91.15	-62.37	153.08	163.25	-77.60	295.28
6037	-11.06	-8.10	15.47	-62.36	-50.92	145.33	192.79	-4.53	270.96
6038	-10.73	-8.70	15.47	-54.57	-48.61	176.84	196.09	9.74	270.28
6039	-10.24	-8.10	15.47	-17.40	-29.63	177.76	226.15	92.68	254.15

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]
6040	-9.93	-8.70	15.47	-0.96	-24.06	217.47	232.55	117.86	265.44
6041	-9.42	-8.10	15.47	54.65	-0.61	245.28	260.25	223.96	256.66
6042	-9.14	-8.70	15.47	79.41	9.25	295.26	270.84	259.29	281.20
6043	-8.60	-8.10	15.47	159.96	37.61	379.79	292.19	410.79	282.00
6044	-8.34	-8.70	15.47	194.26	50.97	440.94	309.25	457.64	323.82
6045	-7.78	-8.10	15.47	298.06	82.95	639.31	311.04	680.48	332.75
6046	-7.55	-8.70	15.47	345.98	101.15	715.64	342.93	743.21	399.23
6047	-6.96	-8.10	15.47	456.49	138.93	1145.31	300.59	1067.24	409.08
6048	-6.75	-8.70	15.47	506.40	146.32	1246.04	356.29	1149.56	511.98
6049	-6.14	-8.10	15.47	503.88	143.09	2164.66	199.57	1551.43	452.10
6050	-5.96	-8.70	15.47	539.22	176.00	2264.68	306.49	1631.84	675.69
6051	-5.32	-8.10	15.47	-297.69	-140.56	3130.19	-184.21	1288.84	250.94
6052	-5.16	-8.70	15.47	16.88	-193.78	3483.08	-100.15	1645.74	337.59
6053	-4.51	-8.10	15.47	-344.92	-15.86	4013.40	-203.59	1203.15	-31.40
6054	-4.37	-8.70	15.47	-402.66	-274.58	4557.58	-420.33	1366.03	-0.62
6055	-3.69	-8.10	15.47	-67.72	144.96	4860.96	-253.58	488.76	-442.85
6056	-3.58	-8.70	15.47	-154.20	67.41	5416.40	-272.50	743.42	-248.16
6057	-2.87	-8.10	15.47	35.72	234.21	4826.15	-98.15	-62.85	-779.02
6058	-2.78	-8.70	15.47	-1.97	119.33	5604.32	-188.10	138.98	-627.89
6059	-2.05	-8.10	15.47	-48.86	259.69	4364.17	-67.48	-392.78	-965.60
6060	-1.99	-8.70	15.47	14.92	182.52	5232.52	-156.92	-353.43	-819.33
6061	-1.23	-8.10	15.47	143.81	330.68	3897.38	-84.70	-545.32	-1020.34
6062	-1.19	-8.70	15.47	217.07	313.95	4812.88	-193.80	-440.30	-1030.22
6063	-0.41	-8.10	15.47	677.14	458.76	3438.01	-34.76	-581.13	-1084.01
6064	-0.40	-8.70	15.47	764.19	505.16	4482.16	-82.37	-555.06	-1223.08
6065	-13.17	-8.10	13.78	-63.17	7.73	283.08	82.55	-95.73	351.47
6066	-12.80	-8.70	13.78	-63.51	4.29	322.59	82.72	-82.78	331.67
6067	-12.32	-8.10	13.78	-14.22	-32.27	267.89	80.66	-34.20	330.71
6068	-11.97	-8.70	13.78	-10.58	-34.01	316.10	87.04	-12.98	321.41
6069	-11.47	-8.10	13.78	34.78	-64.97	282.29	83.96	42.80	307.15
6070	-11.15	-8.70	13.78	42.38	-64.41	340.27	96.40	71.91	310.30
6071	-10.62	-8.10	13.78	85.92	-92.11	329.32	90.23	141.14	286.96
6072	-10.32	-8.70	13.78	97.65	-89.09	397.86	109.02	179.49	304.22
6073	-9.77	-8.10	13.78	138.43	-116.55	422.68	95.91	266.89	273.03
6074	-9.49	-8.70	13.78	152.58	-110.60	504.22	121.29	313.02	305.82
6075	-8.92	-8.10	13.78	184.75	-141.39	585.63	95.80	423.46	265.41
6076	-8.67	-8.70	13.78	200.06	-132.40	681.77	128.74	477.00	318.10
6077	-8.07	-8.10	13.78	206.84	-169.32	850.65	82.01	605.29	260.29
6078	-7.84	-8.70	13.78	221.77	-159.54	962.44	121.71	664.61	337.17
6079	-7.22	-8.10	13.78	167.36	-208.00	1246.48	41.42	777.75	243.19
6080	-7.02	-8.70	13.78	184.56	-197.58	1371.33	87.82	840.78	349.97
6081	-6.37	-8.10	13.78	22.96	-259.04	1701.54	-30.78	837.28	184.81
6082	-6.19	-8.70	13.78	60.98	-268.35	1858.10	7.30	926.47	305.43
6083	-5.52	-8.10	13.78	25.93	-247.99	2220.44	-65.98	883.48	89.48
6084	-5.37	-8.70	13.78	-14.50	-277.46	2388.85	-28.96	946.14	275.63
6085	-4.67	-8.10	13.78	-136.08	-319.99	2734.27	-148.91	789.20	-48.72
6086	-4.54	-8.70	13.78	-109.62	-331.86	2935.71	-39.69	882.13	210.80
6087	-3.82	-8.10	13.78	-311.56	-368.23	3146.90	-185.25	606.81	-206.74
6088	-3.72	-8.70	13.78	-285.57	-450.82	3412.35	-162.73	703.78	73.79
6089	-2.97	-8.10	13.78	-307.74	-350.64	3416.19	-212.60	287.93	-387.30
6090	-2.89	-8.70	13.78	-315.72	-449.63	3753.71	-202.12	404.57	-108.16
6091	-2.12	-8.10	13.78	-181.08	-311.85	3461.58	-169.22	28.56	-545.41
6092	-2.06	-8.70	13.78	-209.76	-436.96	3897.75	-179.61	135.08	-297.50
6093	-1.27	-8.10	13.78	-92.51	-285.22	3400.00	-122.53	-115.48	-658.93
6094	-1.24	-8.70	13.78	-118.38	-441.49	3893.67	-127.99	-63.10	-404.73
6095	-0.42	-8.10	13.78	-81.30	-281.30	3347.97	-84.37	-198.24	-718.16
6096	-0.41	-8.70	13.78	-119.41	-470.33	3850.74	-92.02	-170.48	-450.29
6097	-13.64	-8.10	12.09	-27.33	37.04	414.53	48.91	-38.76	304.05
6098	-13.28	-8.70	12.09	-24.14	33.99	480.31	49.56	-19.65	291.43
6099	-12.76	-8.10	12.09	10.84	-2.70	386.78	36.83	-2.54	291.32
6100	-12.42	-8.70	12.09	15.94	-4.19	458.10	43.88	24.14	285.71
6101	-11.88	-8.10	12.09	46.83	-44.02	390.04	26.50	51.83	273.89
6102	-11.57	-8.70	12.09	52.91	-43.25	468.65	39.68	85.05	278.20
6103	-11.00	-8.10	12.09	79.05	-85.68	427.94	17.41	123.44	253.47
6104	-10.71	-8.70	12.09	85.74	-82.76	515.09	36.45	163.22	269.73
6105	-10.12	-8.10	12.09	103.53	-127.87	506.56	8.41	210.96	230.98
6106	-9.85	-8.70	12.09	109.31	-122.50	604.29	33.04	255.30	260.59
6107	-9.24	-8.10	12.09	113.89	-171.62	634.26	-2.44	309.58	206.27
6108	-9.00	-8.70	12.09	117.71	-164.42	743.29	27.58	357.11	251.88
6109	-8.36	-8.10	12.09	101.90	-218.18	816.79	-17.78	408.21	177.15
6110	-8.14	-8.70	12.09	103.45	-209.84	937.39	16.57	457.21	240.82
6111	-7.48	-8.10	12.09	63.76	-266.49	1048.15	-37.54	488.90	139.49
6112	-7.28	-8.70	12.09	63.75	-258.28	1182.20	-0.59	538.91	222.74
6113	-6.60	-8.10	12.09	20.13	-311.53	1329.10	-57.11	551.51	93.91
6114	-6.43	-8.70	12.09	11.53	-302.27	1472.88	-15.53	595.72	203.73
6115	-5.72	-8.10	12.09	-80.03	-367.33	1634.97	-86.43	557.43	38.37
6116	-5.57	-8.70	12.09	-71.50	-359.41	1791.28	-43.74	606.15	167.39
6117	-4.84	-8.10	12.09	-151.21	-398.77	1932.83	-104.39	505.88	-29.27
6118	-4.71	-8.70	12.09	-157.84	-406.68	2102.67	-84.78	555.07	111.50
6119	-3.96	-8.10	12.09	-204.14	-426.93	2190.20	-122.87	408.99	-108.82
6120	-3.86	-8.70	12.09	-213.76	-434.07	2378.33	-90.74	458.05	50.15
6121	-3.08	-8.10	12.09	-253.82	-454.85	2391.88	-125.31	287.49	-190.76
6122	-3.00	-8.70	12.09	-262.88	-478.10	2598.36	-103.65	331.49	-8.26
6123	-2.20	-8.10	12.09	-275.28	-470.33	2530.33	-122.19	135.35	-268.10
6124	-2.14	-8.70	12.09	-291.85	-507.14	2754.13	-106.78	176.21	-66.29
6125	-1.32	-8.10	12.09	-262.98	-478.58	2588.02	-101.92	-19.15	-328.56
6126	-1.29	-8.70	12.09	-287.35	-520.49	2834.34	-95.98	13.93	-123.85
6127	-0.44	-8.10	12.09	-238.96	-483.74	2576.23	-74.21	-155.19	-364.33
6128	-0.43	-8.70	12.09	-261.85	-522.93	2839.70	-74.01	-139.69	-162.45
6129	-14.11	-8.10	10.41	-10.97	45.12	475.53	32.07	-2.21	251.02
6130	-13.76	-8.70	10.41	-6.51	43.99	557.87	32.82	18.92	246.20
6131	-13.20	-8.10	10.41	12.86	13.47	450.03	15.55	8.60	237.94
6132	-12.88	-8.70	10.41	18.40	13.33	535.85	21.53	35.89	236.75
6133	-12.29	-8.10	10.41	34.91	-22.30	447.13	0.11	36.44	220.16
6134	-11.99	-8.70	10.41	40.41	-20.66	537.98	11.10	68.71	225.49
6135	-11.38	-8.10	10.41	52.58	-60.87	470.47	-14.48	78.72	198.63
6136	-11.10	-8.70	10.41	57.51	-57.38	567.33	1.19	115.46	212.48
6137	-10.47	-8.10	10.41	62.81	-101.46	523.42	-28.10	131.88	173.45
6138	-10.21	-8.70	10.41	66.04	-95.67	627.62	-8.00	171.29	197.14

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]
6139	-9.56	-8.10	10.41	62.57	-143.95	608.41	-40.81	190.76	144.74
6140	-9.32	-8.70	10.41	63.51	-136.32	720.26	-16.66	231.60	180.21
6141	-8.65	-8.10	10.41	49.65	-187.82	725.89	-53.08	248.84	112.65
6142	-8.44	-8.70	10.41	48.01	-178.86	845.54	-25.96	289.61	161.07
6143	-7.74	-8.10	10.41	23.61	-231.54	875.34	-64.90	299.39	77.37
6144	-7.55	-8.70	10.41	19.18	-221.43	1002.00	-35.42	338.03	140.04
6145	-6.83	-8.10	10.41	-20.75	-275.13	1048.98	-76.97	329.99	38.16
6146	-6.66	-8.70	10.41	-25.12	-265.38	1182.53	-47.54	367.27	114.58
6147	-5.92	-8.10	10.41	-66.62	-313.72	1236.18	-86.48	336.54	-5.49
6148	-5.77	-8.70	10.41	-76.21	-305.13	1376.17	-58.66	370.48	85.50
6149	-5.01	-8.10	10.41	-122.20	-352.34	1423.49	-95.54	315.00	-52.54
6150	-4.88	-8.70	10.41	-129.94	-343.11	1570.07	-65.11	345.58	54.54
6151	-4.10	-8.10	10.41	-173.37	-384.43	1595.86	-98.81	261.26	-100.47
6152	-4.00	-8.70	10.41	-182.41	-379.94	1748.32	-75.62	289.36	19.96
6153	-3.19	-8.10	10.41	-210.41	-409.64	1736.17	-98.46	181.67	-146.50
6154	-3.11	-8.70	10.41	-221.71	-406.37	1896.18	-78.45	207.20	-17.09
6155	-2.28	-8.10	10.41	-234.83	-430.15	1835.78	-91.51	87.33	-187.69
6156	-2.22	-8.70	10.41	-247.13	-428.74	2003.70	-77.60	108.40	-50.89
6157	-1.37	-8.10	10.41	-245.25	-443.64	1892.54	-80.75	-16.28	-221.57
6158	-1.33	-8.70	10.41	-259.48	-445.81	2066.93	-72.85	-0.08	-78.04
6159	-0.46	-8.10	10.41	-240.83	-450.91	1904.19	-65.62	-121.73	-244.96
6160	-0.44	-8.70	10.41	-258.18	-456.56	2084.41	-64.13	-111.52	-97.92
6161	-14.58	-8.10	8.72	-5.55	38.77	470.11	25.04	15.27	201.55
6162	-14.25	-8.70	8.72	-0.80	39.93	560.64	25.78	36.57	202.99
6163	-13.64	-8.10	8.72	5.96	16.39	455.88	7.59	7.59	186.32
6164	-13.33	-8.70	8.72	11.64	17.97	548.54	12.12	33.80	189.28
6165	-12.70	-8.10	8.72	17.33	-10.34	454.85	-9.09	14.54	167.00
6166	-12.41	-8.70	8.72	22.84	-7.65	550.89	-0.87	44.60	173.90
6167	-11.76	-8.10	8.72	26.23	-40.25	470.32	-24.90	33.90	144.25
6168	-11.49	-8.70	8.72	31.07	-36.20	570.52	-13.23	67.15	156.78
6169	-10.82	-8.10	8.72	30.31	-72.51	504.78	-39.31	62.53	118.15
6170	-10.57	-8.70	8.72	33.63	-66.47	610.06	-24.21	97.52	137.54
6171	-9.88	-8.10	8.72	27.81	-106.87	559.75	-51.93	96.39	89.05
6172	-9.65	-8.70	8.72	29.16	-99.18	670.24	-33.74	132.11	116.80
6173	-8.94	-8.10	8.72	17.36	-142.82	635.46	-62.93	130.86	57.44
6174	-8.73	-8.70	8.72	16.48	-133.61	751.13	-42.41	165.96	94.47
6175	-8.00	-8.10	8.72	-2.22	-179.38	729.98	-72.25	160.22	23.64
6176	-7.81	-8.70	8.72	-4.98	-168.59	850.72	-50.17	193.59	70.68
6177	-7.05	-8.10	8.72	-28.61	-215.24	839.59	-79.46	179.89	-11.72
6178	-6.89	-8.70	8.72	-33.63	-203.16	964.71	-56.59	210.51	46.10
6179	-6.11	-8.10	8.72	-62.49	-250.01	958.04	-84.74	184.89	-47.88
6180	-5.97	-8.70	8.72	-68.18	-237.11	1086.92	-62.00	212.52	20.68
6181	-5.17	-8.10	8.72	-97.58	-281.24	1077.12	-87.05	171.84	-83.95
6182	-5.06	-8.70	8.72	-105.03	-268.56	1209.22	-66.88	196.40	-5.73
6183	-4.23	-8.10	8.72	-131.46	-309.08	1187.66	-87.05	141.09	-118.99
6184	-4.14	-8.70	8.72	-139.70	-295.94	1323.15	-68.61	162.28	-31.85
6185	-3.29	-8.10	8.72	-160.34	-332.34	1281.79	-83.69	93.35	-151.70
6186	-3.22	-8.70	8.72	-169.38	-320.07	1420.43	-68.97	111.16	-56.49
6187	-2.35	-8.10	8.72	-180.16	-350.23	1351.76	-77.48	32.09	-180.22
6188	-2.30	-8.70	8.72	-190.37	-338.87	1493.72	-66.49	46.46	-78.95
6189	-1.41	-8.10	8.72	-189.61	-363.27	1392.52	-68.25	-37.17	-202.76
6190	-1.38	-8.70	8.72	-200.77	-352.28	1537.85	-61.63	-26.86	-97.62
6191	-0.47	-8.10	8.72	-188.42	-371.11	1402.14	-56.96	-109.36	-217.99
6192	-0.46	-8.70	8.72	-200.30	-360.20	1550.35	-55.03	-103.46	-110.98
6193	-15.05	-8.10	7.03	-6.33	24.11	416.66	23.37	18.83	156.87
6194	-14.73	-8.70	7.03	-1.64	27.56	510.05	24.04	39.77	162.62
6195	-14.08	-8.10	7.03	-4.41	9.95	417.87	6.95	-0.17	140.31
6196	-13.78	-8.70	7.03	1.27	13.45	512.44	10.08	24.69	146.57
6197	-13.11	-8.10	7.03	-0.72	-7.67	424.64	-8.87	-6.61	120.04
6198	-12.83	-8.70	7.03	5.03	-3.66	521.34	-3.24	21.36	128.68
6199	-12.14	-8.10	7.03	2.65	-28.12	439.55	-24.00	-2.36	96.58
6200	-11.88	-8.70	7.03	7.99	-23.25	539.02	-15.97	28.03	108.96
6201	-11.17	-8.10	7.03	3.84	-50.74	464.84	-37.75	10.17	70.15
6202	-10.93	-8.70	7.03	8.12	-44.38	567.80	-27.15	41.80	87.29
6203	-10.20	-8.10	7.03	1.56	-75.51	501.88	-49.68	27.95	41.17
6204	-9.98	-8.70	7.03	4.36	-67.89	608.45	-36.75	59.99	64.22
6205	-9.22	-8.10	7.03	-5.23	-102.03	551.00	-59.77	47.45	10.22
6206	-9.03	-8.70	7.03	-4.17	-93.11	661.29	-45.04	78.82	39.86
6207	-8.25	-8.10	7.03	-16.91	-129.38	611.40	-67.76	65.08	-22.02
6208	-8.08	-8.70	7.03	-17.61	-119.08	725.31	-51.70	94.71	14.87
6209	-7.28	-8.10	7.03	-33.51	-156.83	680.78	-73.52	77.22	-54.76
6210	-7.13	-8.70	7.03	-35.73	-145.36	797.93	-56.93	104.54	-10.27
6211	-6.31	-8.10	7.03	-53.38	-183.39	755.50	-76.91	80.95	-87.24
6212	-6.18	-8.70	7.03	-57.18	-170.82	875.50	-60.63	105.43	-35.24
6213	-5.34	-8.10	7.03	-75.24	-208.34	830.86	-78.03	74.28	-118.68
6214	-5.23	-8.70	7.03	-80.09	-194.75	953.35	-62.49	95.58	-59.37
6215	-4.37	-8.10	7.03	-96.35	-230.61	901.52	-76.59	56.07	-148.11
6216	-4.28	-8.70	7.03	-102.23	-216.52	1026.13	-62.92	74.09	-82.17
6217	-3.40	-8.10	7.03	-114.28	-249.61	961.93	-72.85	27.12	-174.50
6218	-3.33	-8.70	7.03	-121.01	-235.05	1088.54	-61.47	41.76	-102.98
6219	-2.43	-8.10	7.03	-126.96	-264.82	1007.49	-66.86	-10.78	-196.94
6220	-2.38	-8.70	7.03	-134.41	-250.04	1136.03	-58.48	0.41	-120.95
6221	-1.46	-8.10	7.03	-132.64	-275.67	1034.62	-59.00	-54.78	-214.49
6222	-1.43	-8.70	7.03	-140.88	-260.97	1165.09	-53.98	-47.11	-135.47
6223	-0.49	-8.10	7.03	-130.53	-282.08	1041.23	-49.68	-101.21	-226.34
6224	-0.48	-8.70	7.03	-139.53	-267.54	1173.65	-48.24	-97.33	-145.87
6225	-15.52	-8.10	5.34	-11.86	6.43	333.29	24.90	12.19	117.19
6226	-15.21	-8.70	5.34	-7.48	11.82	426.46	25.31	32.61	125.33
6227	-14.52	-8.10	5.34	-16.20	-0.54	351.75	10.69	-11.39	100.50
6228	-14.23	-8.70	5.34	-10.49	4.76	445.57	12.57	12.54	109.09
6229	-13.52	-8.10	5.34	-18.08	-9.83	369.11	-3.04	-24.87	79.92
6230	-13.25	-8.70	5.34	-11.89	-4.39	463.93	0.39	1.68	90.15
6231	-12.52	-8.10	5.34	-18.38	-21.38	388.20	-16.45	-29.07	56.07
6232	-12.27	-8.70	5.34	-12.23	-15.47	484.51	-11.45	-0.65	68.96
6233	-11.52	-8.10	5.34	-18.48	-34.88	410.91	-28.84	-25.87	29.39
6234	-11.29	-8.70	5.34	-12.92	-27.91	509.36	-21.96	3.39	45.73
6235	-10.51	-8.10	5.34	-19.44	-50.50	438.64	-39.74	-17.66	0.47
6236	-10.31	-8.70	5.34	-14.94	-42.68	539.43	-31.13	11.79	21.11
6237	-9.51	-8.10	5.34	-22.27	-68.00	472.17	-49.02	-7.02	-30.01



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]
6238	-9.32	-8.70	5.34	-19.15	-59.22	575.56	-38.99	21.66	-4.64
6239	-8.51	-8.10	5.34	-27.67	-86.74	511.51	-56.40	3.34	-61.31
6240	-8.34	-8.70	5.34	-25.98	-76.89	617.58	-45.30	30.43	-30.71
6241	-7.51	-8.10	5.34	-35.59	-106.08	555.63	-61.71	11.06	-92.61
6242	-7.36	-8.70	5.34	-35.40	-95.23	664.23	-50.07	36.01	-56.45
6243	-6.51	-8.10	5.34	-45.70	-125.32	602.60	-64.88	14.08	-123.11
6244	-6.38	-8.70	5.34	-46.87	-113.51	713.51	-53.26	36.43	-81.41
6245	-5.51	-8.10	5.34	-56.86	-143.64	649.74	-65.85	10.89	-152.02
6246	-5.40	-8.70	5.34	-59.30	-131.00	762.69	-54.88	30.31	-105.05
6247	-4.51	-8.10	5.34	-67.77	-160.37	693.84	-64.69	0.81	-178.54
6248	-4.42	-8.70	5.34	-71.28	-146.97	808.64	-54.87	17.08	-126.78
6249	-3.50	-8.10	5.34	-76.87	-174.83	731.65	-61.52	-16.05	-201.92
6250	-3.44	-8.70	5.34	-81.30	-160.90	848.11	-53.39	-3.06	-146.03
6251	-2.50	-8.10	5.34	-82.71	-186.51	760.13	-56.57	-38.63	-221.39
6252	-2.45	-8.70	5.34	-87.94	-172.22	878.15	-50.53	-29.03	-162.28
6253	-1.50	-8.10	5.34	-84.20	-195.06	777.00	-50.15	-65.17	-236.31
6254	-1.47	-8.70	5.34	-90.14	-180.58	896.51	-46.53	-59.07	-175.01
6255	-0.50	-8.10	5.34	-80.73	-200.22	780.92	-42.65	-93.40	-246.13
6256	-0.49	-8.70	5.34	-87.32	-185.70	901.86	-41.66	-90.96	-183.77
6257	12.23	-8.10	17.16	-264.15	-228.48	52.02	-300.25	118.30	207.37
6258	11.44	-8.10	17.16	-356.33	-137.81	42.27	-378.01	57.40	148.84
6259	10.65	-8.10	17.16	-426.90	-43.80	39.51	-443.65	16.36	124.46
6260	9.86	-8.10	17.16	-475.15	58.37	42.84	-501.96	-21.73	115.41
6261	9.07	-8.10	17.16	-493.95	176.68	56.18	-556.62	-69.72	116.15
6262	8.28	-8.10	17.16	-466.85	321.48	90.17	-613.31	-144.00	128.50
6263	7.49	-8.10	17.16	-362.70	512.84	171.15	-677.68	-273.94	160.92
6264	6.70	-8.10	17.16	-114.83	726.44	356.43	-744.58	-526.91	203.19
6265	5.92	-8.10	17.16	511.60	1013.96	890.43	-886.73	-1164.08	356.56
6266	5.13	-8.10	17.16	2020.26	1631.92	4171.98	-1313.31	-3402.14	766.10
6267	4.34	-8.10	17.16	743.88	963.60	6901.84	29.95	-806.96	-189.85
6268	3.55	-8.10	17.16	614.31	1003.69	5302.59	51.72	-48.88	-1212.05
6269	2.76	-8.10	17.16	716.92	938.68	4724.18	59.92	-791.73	-1303.95
6270	1.97	-8.10	17.16	529.64	880.07	5413.96	-42.95	-252.56	-984.05
6271	1.18	-8.10	17.16	587.51	745.32	3768.66	-333.60	1557.11	-855.00
6272	0.39	-8.10	17.16	227.17	352.75	1423.32	-95.35	224.81	-427.95
6273	11.83	-8.70	17.16	-291.04	-220.04	53.56	-301.15	126.67	192.87
6274	11.07	-8.70	17.16	-380.37	-127.53	49.19	-363.65	63.21	139.98
6275	10.30	-8.70	17.16	-447.01	-33.17	49.65	-416.56	17.61	119.79
6276	9.54	-8.70	17.16	-489.58	69.85	54.94	-463.23	-28.07	115.63
6277	8.78	-8.70	17.16	-498.45	189.91	72.61	-507.42	-82.59	121.38
6278	8.01	-8.70	17.16	-457.76	338.12	112.83	-553.21	-165.91	141.65
6279	7.25	-8.70	17.16	-332.34	521.25	202.28	-607.22	-310.96	180.20
6280	6.49	-8.70	17.16	-37.22	763.28	417.19	-703.49	-606.21	273.40
6281	5.72	-8.70	17.16	582.15	1102.02	1041.35	-956.23	-1301.03	512.07
6282	4.96	-8.70	17.16	1682.67	2485.12	3677.76	-1635.35	-2899.17	2212.63
6283	4.20	-8.70	17.16	1763.78	2249.95	6893.34	-722.23	-1989.00	1626.09
6284	3.43	-8.70	17.16	844.21	1000.19	7145.37	82.06	-641.16	-477.14
6285	2.67	-8.70	17.16	795.88	896.25	6453.18	10.04	-437.85	-765.69
6286	1.91	-8.70	17.16	698.66	980.17	6439.26	17.51	-257.53	-907.13
6287	1.14	-8.70	17.16	745.28	898.06	4503.74	-256.16	1703.64	-917.98
6288	0.38	-8.70	17.16	280.74	568.43	1870.70	-46.23	167.48	-659.22
6289	12.70	-8.10	15.47	-142.60	-114.48	175.56	-179.43	144.85	374.77
6290	11.88	-8.10	15.47	-120.01	-125.74	156.53	-206.27	70.77	316.42
6291	11.06	-8.10	15.47	-98.60	-120.69	149.95	-235.69	-6.70	272.42
6292	10.24	-8.10	15.47	-61.75	-108.15	161.57	-262.92	-96.45	242.52
6293	9.42	-8.10	15.47	1.85	-91.45	202.23	-286.27	-213.23	224.11
6294	8.60	-8.10	15.47	100.06	-71.14	295.10	-304.00	-377.15	217.02
6295	7.78	-8.10	15.47	234.74	-49.68	486.10	-309.84	-615.31	221.67
6296	6.96	-8.10	15.47	391.94	-23.48	872.66	-293.29	-959.37	237.08
6297	6.14	-8.10	15.47	466.00	-24.02	1669.67	-208.97	-1399.96	223.95
6298	5.32	-8.10	15.47	-128.12	-226.04	2453.74	89.94	-1284.57	21.33
6299	4.51	-8.10	15.47	-121.93	-82.53	3206.58	75.64	-1294.90	-242.83
6300	3.69	-8.10	15.47	60.08	58.47	3974.97	114.05	-855.55	-567.37
6301	2.87	-8.10	15.47	60.74	153.22	4116.69	1.71	-446.76	-834.05
6302	2.05	-8.10	15.47	-36.68	202.46	3850.35	-5.46	-134.92	-989.53
6303	1.23	-8.10	15.47	213.79	302.27	3556.66	11.30	-44.65	-1039.08
6304	0.41	-8.10	15.47	686.46	445.05	3310.09	-36.47	-69.51	-1090.59
6305	12.31	-8.70	15.47	-152.98	-114.15	188.21	-180.81	141.22	347.93
6306	11.52	-8.70	15.47	-122.02	-123.75	180.70	-208.68	60.95	300.40
6307	10.73	-8.70	15.47	-90.86	-116.92	183.07	-239.77	-25.06	267.56
6308	9.93	-8.70	15.47	-42.97	-101.71	203.17	-270.47	-127.73	250.19
6309	9.14	-8.70	15.47	31.85	-80.98	255.95	-299.47	-258.30	246.45
6310	8.34	-8.70	15.47	142.06	-56.14	365.19	-326.21	-439.38	260.25
6311	7.55	-8.70	15.47	290.07	-27.58	581.00	-347.75	-698.79	294.95
6312	6.75	-8.70	15.47	452.83	-2.83	1006.85	-352.22	-1067.51	354.13
6313	5.96	-8.70	15.47	518.77	12.42	1831.99	-302.13	-1515.22	444.43
6314	5.16	-8.70	15.47	133.06	-284.15	2848.02	34.49	-1616.22	138.26
6315	4.37	-8.70	15.47	-191.46	-318.46	3792.11	265.35	-1473.12	-173.16
6316	3.58	-8.70	15.47	-2.56	-9.00	4597.61	132.78	-1058.48	-390.08
6317	2.78	-8.70	15.47	71.34	58.34	4899.20	80.90	-613.01	-696.19
6318	1.99	-8.70	15.47	35.95	129.86	4703.92	66.37	-183.14	-866.02
6319	1.19	-8.70	15.47	293.92	285.66	4474.99	105.60	-153.22	-1059.06
6320	0.40	-8.70	15.47	774.94	488.98	4355.12	-0.49	-98.75	-1231.77
6321	13.17	-8.10	13.78	-81.91	-34.25	353.90	-114.68	90.97	369.72
6322	12.32	-8.10	13.78	-37.75	-79.76	308.14	-113.44	33.53	335.66
6323	11.47	-8.10	13.78	7.03	-118.40	291.95	-114.61	-38.93	297.84
6324	10.62	-8.10	13.78	55.87	-152.56	305.11	-116.48	-130.33	260.42
6325	9.77	-8.10	13.78	109.95	-185.21	356.70	-116.66	-246.29	224.54
6326	8.92	-8.10	13.78	164.72	-219.03	464.44	-112.40	-391.89	189.54
6327	8.07	-8.10	13.78	205.86	-255.52	654.95	-99.36	-566.26	152.61
6328	7.22	-8.10	13.78	202.28	-297.91	955.08	-69.80	-746.38	104.42
6329	6.37	-8.10	13.78	113.78	-347.07	1318.17	-21.26	-854.00	26.12
6330	5.52	-8.10	13.78	127.63	-340.34	1759.62	-5.72	-960.80	-71.27
6331	4.67	-8.10	13.78	-7.85	-392.49	2229.84	54.05	-956.01	-193.04
6332	3.82	-8.10	13.78	-157.65	-414.12	2641.80	72.89	-860.02	-331.19
6333	2.97	-8.10	13.78	-171.58	-385.39	2945.47	87.90	-650.45	-479.81
6334	2.12	-8.10	13.78	-82.58	-337.44	3093.45	47.26	-482.27	-604.59
6335	1.27	-8.10	13.78	-39.93	-301.32	3171.60	5.60	-387.46	-690.65
6336	0.42	-8.10	13.78	-57.66	-285.51	3271.59	-31.30	-328.83	-728.43

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]
6337	12.80	-8.70	13.78	-82.79	-37.58	394.94	-115.10	73.38	343.09
6338	11.97	-8.70	13.78	-33.34	-81.22	358.40	-119.54	7.00	319.27
6339	11.15	-8.70	13.78	17.02	-117.87	352.45	-126.82	-74.50	294.08
6340	10.32	-8.70	13.78	71.79	-150.04	377.26	-135.41	-177.14	271.29
6341	9.49	-8.70	13.78	129.72	-180.13	444.48	-143.02	-303.84	252.03
6342	8.67	-8.70	13.78	186.09	-211.26	571.90	-147.30	-460.59	238.61
6343	7.84	-8.70	13.78	225.89	-246.76	786.80	-141.94	-644.34	228.00
6344	7.02	-8.70	13.78	220.10	-289.58	1113.39	-118.60	-829.95	211.65
6345	6.19	-8.70	13.78	141.85	-353.81	1519.39	-63.61	-955.25	153.58
6346	5.37	-8.70	13.78	91.45	-361.57	1982.90	-48.04	-1032.54	113.52
6347	4.54	-8.70	13.78	13.02	-405.56	2483.64	-44.05	-1044.06	53.00
6348	3.72	-8.70	13.78	-141.99	-495.59	2952.11	48.02	-951.56	-65.43
6349	2.89	-8.70	13.78	-183.65	-483.68	3323.72	71.74	-748.07	-217.66
6350	2.06	-8.70	13.78	-105.28	-458.87	3554.12	48.37	-566.16	-368.05
6351	1.24	-8.70	13.78	-64.56	-455.17	3676.19	-1.93	-422.42	-444.84
6352	0.41	-8.70	13.78	-95.36	-473.06	3778.50	-38.54	-338.75	-463.70
6353	13.64	-8.10	12.09	-46.39	-6.58	494.74	-84.06	35.52	329.27
6354	12.76	-8.10	12.09	-8.50	-49.42	441.95	-72.53	1.86	299.71
6355	11.88	-8.10	12.09	30.26	-93.06	414.19	-61.78	-50.80	265.46
6356	11.00	-8.10	12.09	68.08	-137.25	415.39	-51.48	-120.92	227.49
6357	10.12	-8.10	12.09	102.36	-181.97	451.08	-41.60	-208.08	186.33
6358	9.24	-8.10	12.09	127.90	-227.90	528.85	-31.70	-309.71	142.16
6359	8.36	-8.10	12.09	137.22	-275.40	655.59	-20.69	-418.77	94.23
6360	7.48	-8.10	12.09	124.74	-322.89	830.43	-9.21	-522.04	41.00
6361	6.60	-8.10	12.09	103.05	-365.09	1058.34	-0.74	-618.00	-15.21
6362	5.72	-8.10	12.09	29.52	-413.78	1322.66	13.51	-673.18	-75.70
6363	4.84	-8.10	12.09	-29.96	-440.70	1599.00	16.45	-682.83	-140.44
6364	3.96	-8.10	12.09	-85.13	-462.75	1862.35	21.57	-652.59	-207.28
6365	3.08	-8.10	12.09	-143.07	-480.36	2099.31	14.23	-592.59	-271.10
6366	2.20	-8.10	12.09	-186.97	-487.44	2296.89	3.97	-495.80	-326.48
6367	1.32	-8.10	12.09	-206.07	-488.37	2437.97	-19.39	-383.07	-363.37
6368	0.44	-8.10	12.09	-221.09	-487.20	2524.57	-47.82	-267.61	-375.77
6369	13.28	-8.70	12.09	-43.16	-10.04	562.16	-84.20	10.21	307.22
6370	12.42	-8.70	12.09	-1.91	-51.03	515.17	-78.57	-31.82	284.94
6371	11.57	-8.70	12.09	38.69	-92.75	495.43	-73.83	-91.91	261.14
6372	10.71	-8.70	12.09	77.99	-135.14	506.70	-69.59	-169.98	235.90
6373	9.85	-8.70	12.09	111.62	-177.70	555.58	-65.78	-263.38	209.06
6374	9.00	-8.70	12.09	134.68	-222.09	648.66	-61.85	-370.01	182.07
6375	8.14	-8.70	12.09	140.14	-268.85	792.43	-55.62	-481.61	153.38
6376	7.28	-8.70	12.09	123.51	-316.69	986.51	-47.13	-585.14	120.80
6377	6.43	-8.70	12.09	92.14	-359.34	1230.13	-42.52	-674.24	90.41
6378	5.57	-8.70	12.09	29.52	-410.65	1511.84	-28.42	-729.39	50.23
6379	4.71	-8.70	12.09	-43.86	-450.12	1805.09	-6.40	-733.64	-0.77
6380	3.86	-8.70	12.09	-100.66	-471.71	2085.08	-11.12	-696.31	-50.04
6381	3.00	-8.70	12.09	-158.01	-505.11	2335.22	-9.59	-627.56	-91.86
6382	2.14	-8.70	12.09	-208.32	-525.62	2543.91	-15.40	-522.95	-129.02
6383	1.29	-8.70	12.09	-231.89	-530.95	2698.49	-30.54	-399.49	-161.60
6384	0.43	-8.70	12.09	-244.47	-526.81	2792.45	-53.91	-266.32	-174.90
6385	14.11	-8.10	10.41	-35.05	-14.37	579.41	-78.91	-5.63	287.53
6386	13.20	-8.10	10.41	-5.11	-43.96	531.94	-64.30	-21.13	255.95
6387	12.29	-8.10	10.41	24.17	-77.99	499.11	-48.40	-52.16	219.76
6388	11.38	-8.10	10.41	52.51	-114.40	487.16	-33.20	-98.31	180.97
6389	10.47	-8.10	10.41	75.71	-152.83	500.59	-19.42	-156.80	139.44
6390	9.56	-8.10	10.41	90.79	-193.13	543.55	-7.84	-224.51	95.63
6391	8.65	-8.10	10.41	95.05	-234.64	618.45	1.35	-296.92	50.23
6392	7.74	-8.10	10.41	86.62	-275.66	727.14	7.87	-368.54	4.18
6393	6.83	-8.10	10.41	59.67	-315.88	865.72	12.32	-428.65	-42.22
6394	5.92	-8.10	10.41	25.73	-350.61	1027.83	12.83	-472.08	-88.19
6395	5.01	-8.10	10.41	-22.78	-383.58	1203.84	11.98	-492.69	-132.45
6396	4.10	-8.10	10.41	-74.72	-409.76	1381.44	5.77	-483.99	-172.94
6397	3.19	-8.10	10.41	-122.68	-429.51	1545.16	-2.72	-447.91	-207.12
6398	2.28	-8.10	10.41	-165.18	-444.01	1685.48	-15.74	-390.34	-233.17
6399	1.37	-8.10	10.41	-200.63	-451.80	1796.16	-30.61	-313.66	-249.66
6400	0.46	-8.10	10.41	-225.13	-453.55	1870.96	-47.72	-222.80	-254.45
6401	13.76	-8.70	10.41	-29.47	-15.10	663.72	-79.11	-34.80	270.11
6402	12.88	-8.70	10.41	1.57	-43.93	619.06	-68.15	-56.16	242.98
6403	11.99	-8.70	10.41	31.49	-76.29	591.99	-57.19	-92.70	214.91
6404	11.10	-8.70	10.41	59.35	-111.26	587.52	-46.75	-143.93	185.97
6405	10.21	-8.70	10.41	80.43	-147.72	610.73	-37.80	-205.88	155.57
6406	9.32	-8.70	10.41	92.41	-186.56	664.45	-30.83	-275.82	124.81
6407	8.44	-8.70	10.41	92.90	-227.01	750.79	-25.19	-348.41	93.52
6408	7.55	-8.70	10.41	80.19	-267.14	870.48	-21.41	-417.46	62.77
6409	6.66	-8.70	10.41	51.20	-307.53	1019.63	-17.43	-474.43	31.35
6410	5.77	-8.70	10.41	11.33	-343.30	1190.84	-15.85	-511.86	0.51
6411	4.88	-8.70	10.41	-36.91	-376.54	1374.39	-18.60	-525.78	-27.81
6412	4.00	-8.70	10.41	-90.47	-407.17	1557.37	-18.57	-510.69	-54.81
6413	3.11	-8.70	10.41	-139.76	-427.89	1725.92	-24.04	-467.95	-79.52
6414	2.22	-8.70	10.41	-181.98	-443.89	1869.49	-31.41	-402.95	-97.75
6415	1.33	-8.70	10.41	-217.93	-454.79	1980.91	-40.83	-319.15	-107.20
6416	0.44	-8.70	10.41	-243.47	-459.41	2054.81	-51.91	-221.01	-107.80
6417	14.58	-8.10	8.72	-32.36	-45.06	625.74	-96.74	-35.80	256.27
6418	13.64	-8.10	8.72	-15.58	-63.96	583.66	-76.13	-39.99	215.37
6419	12.70	-8.10	8.72	11.62	-81.64	549.05	-58.09	-56.96	175.45
6420	11.76	-8.10	8.72	33.54	-103.90	526.25	-39.24	-81.74	134.53
6421	10.82	-8.10	8.72	50.32	-129.08	522.46	-22.37	-116.76	93.27
6422	9.88	-8.10	8.72	61.20	-157.16	539.81	-8.74	-159.96	51.55
6423	8.94	-8.10	8.72	64.53	-187.57	579.59	1.49	-207.78	9.70
6424	8.00	-8.10	8.72	58.30	-219.09	641.67	8.21	-255.20	-31.74
6425	7.05	-8.10	8.72	43.07	-250.16	724.52	11.21	-297.72	-71.77
6426	6.11	-8.10	8.72	17.21	-280.16	824.24	10.98	-329.90	-109.39
6427	5.17	-8.10	8.72	-15.03	-306.83	934.78	7.16	-347.12	-143.47
6428	4.23	-8.10	8.72	-51.97	-329.95	1048.45	0.94	-347.40	-173.04
6429	3.29	-8.10	8.72	-89.95	-348.39	1157.61	-8.10	-329.07	-197.18
6430	2.35	-8.10	8.72	-125.05	-361.65	1253.75	-18.94	-292.96	-214.56
6431	1.41	-8.10	8.72	-154.42	-370.07	1329.83	-31.39	-241.99	-224.10
6432	0.47	-8.10	8.72	-176.39	-373.38	1380.57	-44.36	-179.41	-225.22
6433	14.25	-8.70	8.72	-30.27	-44.47	716.76	-92.81	-65.64	238.77
6434	13.33	-8.70	8.72	-7.62	-59.65	676.06	-77.47	-74.75	203.67
6435	12.41	-8.70	8.72	17.88	-77.59	644.80	-62.27	-93.74	169.86

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]
6436	11.49	-8.70	8.72	38.19	-99.17	628.52	-47.08	-122.03	137.20
6437	10.57	-8.70	8.72	52.94	-122.83	632.43	-34.40	-159.56	104.77
6438	9.65	-8.70	8.72	61.30	-149.86	657.62	-24.67	-204.11	72.97
6439	8.73	-8.70	8.72	61.68	-179.21	705.30	-17.50	-251.43	41.64
6440	7.81	-8.70	8.72	52.55	-209.55	775.08	-12.94	-296.62	11.27
6441	6.89	-8.70	8.72	34.11	-239.66	864.57	-11.15	-335.26	-17.17
6442	5.97	-8.70	8.72	6.53	-268.99	969.65	-11.51	-362.63	-43.38
6443	5.06	-8.70	8.72	-27.86	-295.64	1084.05	-13.26	-374.38	-67.15
6444	4.14	-8.70	8.72	-65.66	-318.27	1200.42	-17.86	-368.68	-87.38
6445	3.22	-8.70	8.72	-103.99	-337.38	1310.82	-23.48	-344.41	-103.18
6446	2.30	-8.70	8.72	-139.24	-351.26	1407.12	-30.80	-302.54	-114.17
6447	1.38	-8.70	8.72	-168.13	-359.70	1482.41	-39.04	-245.88	-119.44
6448	0.46	-8.70	8.72	-189.20	-362.69	1531.25	-47.41	-178.09	-118.36
6449	15.05	-8.10	7.03	-59.59	-126.55	670.08	-119.74	-58.26	230.84
6450	14.08	-8.10	7.03	-7.13	-105.11	621.58	-111.82	-76.42	181.95
6451	13.11	-8.10	7.03	6.12	-104.74	567.53	-82.42	-67.89	130.47
6452	12.14	-8.10	7.03	17.03	-107.93	537.99	-56.66	-73.90	87.99
6453	11.17	-8.10	7.03	28.01	-116.47	523.84	-35.99	-91.80	48.27
6454	10.20	-8.10	7.03	37.03	-130.20	524.35	-19.94	-117.62	9.41
6455	9.22	-8.10	7.03	41.69	-147.95	540.14	-7.96	-147.89	-28.93
6456	8.25	-8.10	7.03	40.32	-168.14	571.47	0.05	-179.17	-66.32
6457	7.28	-8.10	7.03	31.83	-189.55	617.34	4.30	-207.93	-101.93
6458	6.31	-8.10	7.03	16.75	-210.80	675.46	5.02	-230.85	-134.88
6459	5.34	-8.10	7.03	-4.38	-230.89	742.21	2.68	-245.01	-164.33
6460	4.37	-8.10	7.03	-29.41	-248.66	812.89	-2.51	-248.01	-189.37
6461	3.40	-8.10	7.03	-56.04	-263.42	881.95	-9.85	-238.94	-209.15
6462	2.43	-8.10	7.03	-81.73	-274.54	943.98	-18.91	-217.89	-223.09
6463	1.46	-8.10	7.03	-104.00	-281.46	993.79	-28.99	-186.17	-230.75
6464	0.49	-8.10	7.03	-120.71	-284.00	1027.16	-39.46	-146.23	-231.85
6465	14.73	-8.70	7.03	-36.90	-109.57	756.11	-124.44	-97.52	212.65
6466	13.78	-8.70	7.03	-4.40	-99.20	703.67	-104.26	-101.12	164.19
6467	12.83	-8.70	7.03	5.65	-97.34	661.36	-79.64	-97.72	124.34
6468	11.88	-8.70	7.03	17.44	-100.40	638.83	-58.78	-108.93	90.19
6469	10.93	-8.70	7.03	28.49	-108.49	630.72	-42.49	-129.53	57.84
6470	9.98	-8.70	7.03	36.51	-122.06	637.00	-29.97	-156.50	26.59
6471	9.03	-8.70	7.03	39.40	-139.25	658.56	-20.72	-186.25	-3.95
6472	8.08	-8.70	7.03	35.94	-158.62	695.34	-14.72	-215.47	-33.12
6473	7.13	-8.70	7.03	25.45	-179.16	745.93	-11.54	-241.12	-60.30
6474	6.18	-8.70	7.03	8.41	-199.47	807.83	-10.95	-259.97	-85.08
6475	5.23	-8.70	7.03	-14.00	-218.63	877.29	-12.81	-269.40	-106.71
6476	4.28	-8.70	7.03	-39.92	-235.80	949.50	-16.39	-267.35	-124.70
6477	3.33	-8.70	7.03	-66.89	-249.92	1019.07	-21.60	-253.16	-138.53
6478	2.38	-8.70	7.03	-92.46	-260.57	1080.70	-27.79	-227.14	-147.72
6479	1.43	-8.70	7.03	-114.35	-267.25	1129.47	-34.61	-190.75	-152.06
6480	0.48	-8.70	7.03	-130.47	-269.62	1161.36	-41.60	-146.47	-151.47
6481	15.52	-8.10	5.34	34.18	-185.73	855.04	-270.58	-201.55	310.15
6482	14.52	-8.10	5.34	-13.69	-190.41	620.34	-148.82	-95.16	126.12
6483	13.52	-8.10	5.34	-22.03	-139.29	566.80	-102.32	-72.65	73.63
6484	12.52	-8.10	5.34	-12.06	-117.08	532.80	-73.39	-73.05	37.22
6485	11.52	-8.10	5.34	2.24	-108.54	510.50	-50.93	-82.18	2.67
6486	10.51	-8.10	5.34	15.29	-108.69	498.79	-33.62	-96.44	-31.82
6487	9.51	-8.10	5.34	24.55	-114.76	498.04	-20.47	-113.96	-66.24
6488	8.51	-8.10	5.34	28.65	-124.73	508.52	-11.15	-132.73	-100.00
6489	7.51	-8.10	5.34	27.11	-137.08	529.72	-5.38	-150.71	-132.23
6490	6.51	-8.10	5.34	19.91	-150.54	560.22	-2.90	-165.73	-162.08
6491	5.51	-8.10	5.34	7.86	-163.93	597.74	-3.42	-175.74	-188.69
6492	4.51	-8.10	5.34	-7.85	-176.32	639.17	-6.50	-179.20	-211.28
6493	3.50	-8.10	5.34	-25.52	-186.85	680.93	-11.70	-175.12	-229.18
6494	2.50	-8.10	5.34	-43.31	-194.91	719.21	-18.47	-163.41	-241.87
6495	1.50	-8.10	5.34	-59.42	-200.02	750.48	-26.26	-144.82	-249.00
6496	0.50	-8.10	5.34	-72.28	-201.86	771.74	-34.50	-120.81	-250.42
6497	15.21	-8.70	5.34	-61.21	-244.42	861.55	-194.97	-182.93	199.86
6498	14.23	-8.70	5.34	-54.06	-164.15	703.36	-132.36	-105.53	103.90
6499	13.25	-8.70	5.34	-36.26	-122.53	659.87	-99.00	-100.56	71.24
6500	12.27	-8.70	5.34	-16.18	-105.54	630.31	-73.57	-106.19	41.75
6501	11.29	-8.70	5.34	1.19	-98.51	612.41	-54.53	-117.14	12.71
6502	10.31	-8.70	5.34	14.75	-99.60	604.85	-39.90	-131.96	-16.15
6503	9.32	-8.70	5.34	23.26	-105.73	608.30	-28.93	-148.77	-44.85
6504	8.34	-8.70	5.34	26.07	-115.35	622.78	-21.25	-165.70	-72.58
6505	7.36	-8.70	5.34	23.00	-127.11	647.46	-16.47	-181.00	-98.61
6506	6.38	-8.70	5.34	14.39	-139.81	680.79	-14.34	-192.60	-122.37
6507	5.40	-8.70	5.34	1.15	-152.41	720.35	-14.50	-198.64	-143.25
6508	4.42	-8.70	5.34	-15.34	-163.98	763.01	-16.64	-197.76	-160.65
6509	3.44	-8.70	5.34	-33.41	-173.84	805.22	-20.29	-189.23	-174.11
6510	2.45	-8.70	5.34	-51.25	-181.32	843.29	-25.08	-173.11	-183.30
6511	1.47	-8.70	5.34	-67.10	-185.97	873.82	-30.52	-150.25	-187.97
6512	0.49	-8.70	5.34	-79.51	-187.49	893.98	-36.19	-122.23	-188.13
6513	-7.92	-9.28	17.16	-443.49	381.49	139.93	385.16	141.99	159.88
6514	-8.62	-9.26	17.16	-476.90	247.82	93.63	352.91	59.61	125.13
6515	-9.33	-9.23	17.16	-466.32	140.95	68.74	326.21	5.13	110.37
6516	-7.99	-9.85	17.16	-444.72	295.59	128.56	312.50	102.70	141.30
6517	-8.62	-9.77	17.16	-463.76	196.13	95.00	299.65	39.63	115.57
6518	-9.23	-9.68	17.16	-453.03	113.53	74.15	289.92	-5.76	103.73
6519	-8.07	-10.41	17.16	-433.99	208.83	120.99	250.58	61.08	118.45
6520	-8.60	-10.27	17.16	-443.81	143.09	96.35	252.37	15.98	105.09
6521	-9.13	-10.13	17.16	-434.89	83.24	80.73	254.36	-23.26	96.98
6522	-0.38	-9.50	17.16	1060.56	1403.77	6113.11	57.75	-496.00	-2401.65
6523	-1.14	-9.50	17.16	1382.26	1328.56	7621.98	42.73	-1386.71	-1477.98
6524	-1.90	-9.49	17.16	1110.35	1191.22	9013.37	-143.99	-294.84	-594.79
6525	-2.66	-9.47	17.16	1213.30	1225.25	9894.63	-176.62	-40.60	-239.76
6526	-3.42	-9.46	17.16	1277.50	1485.97	11791.60	-60.51	389.94	242.93
6527	-4.18	-9.44	17.16	2863.26	2027.28	7469.39	1235.27	4765.76	566.96
6528	-4.93	-9.41	17.16	872.79	2057.24	2325.25	960.76	1797.17	1353.20
6529	-5.69	-9.38	17.16	401.55	1327.23	1100.83	809.55	1174.52	796.21
6530	-6.44	-9.35	17.16	-70.96	818.91	465.97	543.30	573.20	362.93
6531	-7.19	-9.31	17.16	-328.02	559.79	240.36	434.96	286.41	216.90
6532	-0.39	-10.50	17.16	1826.65	1158.34	12283.80	-80.78	-382.58	109.40
6533	-1.17	-10.49	17.16	1756.24	1278.74	12615.00	-139.12	-311.54	217.95
6534	-1.95	-10.46	17.16	1639.60	1563.84	13519.60	-157.28	21.80	512.77

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]
6535	-2.73	-10.42	17.16	2488.79	3065.71	10715.90	920.20	3048.42	2488.99
6536	-3.50	-10.37	17.16	1720.74	4876.40	8152.59	963.63	1328.58	5548.19
6537	-4.27	-10.31	17.16	2129.42	3335.47	4729.45	1695.58	3814.69	3480.69
6538	-5.04	-10.23	17.16	640.37	1385.02	1310.81	653.67	1369.66	879.78
6539	-5.80	-10.15	17.16	59.37	978.67	628.81	482.54	692.58	515.93
6540	-6.56	-10.05	17.16	-204.54	648.39	340.95	389.92	396.50	306.34
6541	-7.31	-9.94	17.16	-369.27	433.70	196.69	333.42	206.84	187.66
6542	-8.00	-11.50	17.16	1921.23	5389.43	8118.39	-114.09	-148.60	6196.10
6543	-1.20	-11.48	17.16	1906.47	5542.94	8375.96	96.88	118.31	6440.39
6544	-2.00	-11.43	17.16	1836.55	5813.18	8692.70	527.03	791.93	6923.89
6545	-2.80	-11.37	17.16	2113.36	4097.23	5353.77	1369.95	3475.79	4450.68
6546	-3.59	-11.29	17.16	769.16	2149.00	1781.88	506.75	1346.71	1714.50
6547	-4.37	-11.18	17.16	384.83	1690.49	1175.54	574.64	893.87	1292.84
6548	-5.15	-11.06	17.16	283.11	1079.43	791.17	468.92	856.58	799.49
6549	-5.92	-10.92	17.16	-79.60	660.50	417.97	294.34	458.33	377.82
6550	-6.68	-10.75	17.16	-280.32	453.79	255.07	256.99	253.13	229.10
6551	-7.43	-10.57	17.16	-385.06	305.39	168.26	248.38	131.44	151.38
6552	-0.41	-12.50	17.16	629.75	2212.49	1508.13	-39.69	-33.22	2024.95
6553	-1.23	-12.47	17.16	617.42	2234.71	1514.77	51.71	138.27	2064.71
6554	-2.05	-12.41	17.16	560.38	2083.67	1292.06	203.25	511.96	1841.67
6555	-2.86	-12.32	17.16	474.05	1705.71	1169.93	333.03	577.97	1513.62
6556	-3.67	-12.20	17.16	442.37	1223.55	964.63	308.69	752.27	1064.03
6557	-4.47	-12.06	17.16	134.07	835.23	605.71	196.72	485.94	620.15
6558	-5.26	-11.88	17.16	-49.20	602.74	419.45	194.49	349.05	416.73
6559	-6.04	-11.68	17.16	-178.66	406.13	295.98	176.25	256.06	262.24
6560	-6.80	-11.46	17.16	-305.57	271.83	204.57	167.59	140.79	158.15
6561	-7.55	-11.20	17.16	-377.62	180.98	147.73	183.08	58.85	111.66
6562	-0.42	-13.50	17.16	275.85	756.47	673.51	-19.49	-8.58	689.56
6563	-1.26	-13.46	17.16	259.70	747.79	655.95	-2.53	66.02	667.87
6564	-2.10	-13.38	17.16	218.96	704.50	627.77	27.60	127.35	620.80
6565	-2.93	-13.27	17.16	166.69	610.53	550.28	56.40	202.46	525.68
6566	-3.75	-13.12	17.16	75.93	480.83	455.20	70.49	210.60	402.91
6567	-4.56	-12.93	17.16	-21.59	357.38	371.64	70.69	200.20	282.28
6568	-5.36	-12.71	17.16	-142.08	258.30	285.74	74.12	136.37	183.23
6569	-6.15	-12.45	17.16	-233.26	183.44	217.80	94.35	81.38	125.41
6570	-6.92	-12.16	17.16	-301.59	121.64	164.37	116.06	30.20	89.39
6571	-7.67	-11.84	17.16	-348.69	72.50	123.12	141.43	-20.01	74.25
6572	-0.43	-14.50	17.16	49.52	147.15	278.11	-7.59	-13.33	62.16
6573	-1.29	-14.45	17.16	41.54	146.57	272.66	-11.19	-15.94	60.06
6574	-2.14	-14.36	17.16	17.46	140.89	258.07	-8.84	-15.49	54.94
6575	-2.99	-14.22	17.16	-20.35	127.25	237.68	-0.11	-17.78	47.81
6576	-3.83	-14.04	17.16	-66.14	105.98	209.44	12.10	-20.58	38.12
6577	-4.66	-13.81	17.16	-122.46	80.78	174.35	26.61	-33.83	28.14
6578	-5.47	-13.54	17.16	-180.56	56.55	139.62	45.47	-53.94	23.55
6579	-6.26	-13.22	17.16	-234.75	33.45	107.67	69.46	-80.71	27.06
6580	-7.04	-12.87	17.16	-275.82	10.74	81.03	97.10	-105.78	38.92
6581	-7.79	-12.47	17.16	-303.00	-12.84	59.93	124.63	-128.22	56.54
6582	-11.39	-9.32	17.16	-267.01	-121.64	35.61	224.99	-152.18	174.37
6583	-10.90	-9.94	17.16	-283.27	-111.93	34.78	215.88	-161.53	160.43
6584	-10.37	-10.54	17.16	-296.78	-99.76	33.58	205.57	-169.35	143.65
6585	-10.70	-9.28	17.16	-356.11	-36.97	47.35	263.88	-90.60	125.38
6586	-10.35	-9.82	17.16	-359.57	-37.73	51.49	244.21	-98.91	118.62
6587	-9.98	-10.34	17.16	-358.47	-37.36	55.07	224.36	-107.54	111.21
6588	-10.02	-9.23	17.16	-423.08	47.74	57.50	297.30	-44.37	109.49
6589	-9.81	-9.70	17.16	-416.93	36.89	63.41	271.03	-51.93	103.32
6590	-9.58	-10.15	17.16	-406.84	25.13	66.59	245.36	-57.70	98.38
6591	-8.50	-12.04	17.16	-317.49	-36.18	46.03	150.50	-146.15	75.84
6592	-8.34	-11.50	17.16	-370.96	34.97	95.42	166.84	-56.27	72.76
6593	-8.19	-10.96	17.16	-409.22	118.12	114.51	199.84	6.74	91.08
6594	-9.16	-11.58	17.16	-318.74	-58.92	38.05	173.92	-159.34	98.97
6595	-8.93	-11.15	17.16	-373.85	5.37	76.33	188.90	-81.63	83.11
6596	-8.71	-10.73	17.16	-414.91	76.05	92.84	214.08	-25.09	88.50
6597	-9.79	-11.08	17.16	-309.60	-81.89	32.51	191.83	-166.41	122.54
6598	-9.50	-10.79	17.16	-364.19	-23.69	61.13	206.85	-100.74	97.75
6599	-9.22	-10.49	17.16	-406.76	39.23	76.76	227.01	-52.53	94.28
6600	-8.25	-9.30	15.47	188.96	51.46	458.27	318.59	441.44	351.49
6601	-8.99	-9.27	15.47	81.93	10.29	325.32	274.12	258.83	298.52
6602	-9.73	-9.24	15.47	4.71	-22.03	248.11	234.34	124.87	274.60
6603	-8.35	-9.90	15.47	140.28	35.39	433.16	308.32	361.53	347.61
6604	-8.99	-9.82	15.47	58.44	-0.22	333.17	265.04	221.10	300.10
6605	-9.63	-9.72	15.47	-3.38	-27.70	267.18	228.48	111.73	275.49
6606	-8.43	-10.50	15.47	85.46	14.35	414.51	288.37	278.61	331.61
6607	-8.98	-10.36	15.47	28.95	-12.86	339.95	251.94	177.85	295.91
6608	-9.53	-10.20	15.47	-18.39	-34.59	285.75	220.02	91.90	273.43
6609	-0.40	-9.53	15.47	600.94	-102.46	5951.69	-165.37	-410.40	-658.07
6610	-1.19	-9.53	15.47	275.03	-65.80	6213.17	-306.43	-254.73	-516.93
6611	-1.99	-9.52	15.47	89.83	-28.28	6428.23	-260.53	-17.28	-260.48
6612	-2.78	-9.50	15.47	-17.90	-88.90	6359.41	-274.28	547.49	174.47
6613	-3.57	-9.49	15.47	-281.59	-193.88	5382.34	-146.95	1333.79	625.65
6614	-4.36	-9.46	15.47	-344.63	1.03	4542.67	-200.29	1412.73	1027.30
6615	-5.15	-9.44	15.47	550.45	176.43	3404.36	224.34	1964.65	961.60
6616	-5.93	-9.41	15.47	557.70	182.09	1986.03	395.42	1511.91	790.67
6617	-6.71	-9.37	15.47	483.81	155.60	1168.23	413.62	1073.00	590.14
6618	-7.50	-9.33	15.47	328.81	98.84	703.69	366.13	701.87	436.89
6619	-0.41	-10.60	15.47	288.60	-573.77	6631.30	-133.10	-205.34	934.89
6620	-1.23	-10.59	15.47	132.94	-474.75	6754.88	-196.05	42.61	1105.71
6621	-2.05	-10.56	15.47	-156.55	-359.56	6394.91	-198.08	665.60	1382.58
6622	-2.86	-10.52	15.47	-267.81	-343.76	5962.25	-398.05	949.30	1543.08
6623	-3.67	-10.46	15.47	-18.50	-477.89	4885.26	0.95	1784.15	1300.88
6624	-4.47	-10.39	15.47	57.46	-118.85	3581.31	340.43	1626.22	1328.39
6625	-5.27	-10.31	15.47	609.07	287.04	2491.66	571.22	1690.26	1205.74
6626	-6.07	-10.22	15.47	531.95	223.53	1495.22	508.18	1239.34	835.99
6627	-6.85	-10.12	15.47	388.09	147.40	935.21	435.00	855.37	588.92
6628	-7.63	-10.00	15.47	251.31	82.22	612.30	364.09	564.51	431.57
6629	-0.42	-11.67	15.47	9.40	-386.89	5570.30	-89.55	-78.20	2379.87
6630	-1.26	-11.65	15.47	-130.49	-345.43	5534.43	-40.50	281.76	2404.20
6631	-2.10	-11.60	15.47	-340.18	-338.97	5024.33	131.19	886.25	2238.97
6632	-2.94	-11.53	15.47	-174.55	172.18	4447.89	296.19	1110.83	2277.62
6633	-3.76	-11.44	15.47	384.04	715.34	3673.27	582.38	1564.12	2203.46

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]
6634	-4.58	-11.33	15.47	404.14	557.93	2545.96	672.73	1481.48	1639.13
6635	-5.39	-11.19	15.47	384.22	343.98	1686.04	614.73	1194.19	1117.84
6636	-6.20	-11.04	15.47	366.66	225.15	1127.72	523.45	911.69	773.52
6637	-6.99	-10.87	15.47	267.41	125.17	767.26	421.56	641.97	544.30
6638	-7.77	-10.68	15.47	163.04	56.05	543.73	341.88	426.56	403.64
6639	-0.43	-12.74	15.47	-66.54	1171.03	3465.98	-30.17	-9.09	2716.53
6640	-1.30	-12.71	15.47	-120.36	1185.76	3411.54	126.04	292.57	2687.78
6641	-2.16	-12.64	15.47	-117.14	1165.84	3194.99	343.25	627.33	2536.35
6642	-3.01	-12.55	15.47	-11.14	959.93	2667.30	567.54	945.20	2120.28
6643	-3.85	-12.42	15.47	81.29	700.46	2037.85	606.21	971.25	1620.96
6644	-4.69	-12.26	15.47	184.00	522.41	1557.42	601.86	910.54	1231.32
6645	-5.51	-12.08	15.47	203.15	330.61	1171.82	544.02	779.33	898.40
6646	-6.32	-11.86	15.47	177.06	180.63	869.29	456.72	609.35	641.14
6647	-7.12	-11.62	15.47	130.66	84.45	648.34	373.11	442.31	467.64
6648	-7.90	-11.35	15.47	68.57	21.73	491.28	302.53	293.67	359.02
6649	-0.44	-13.81	15.47	-289.59	900.32	1747.69	1.53	-3.40	1585.85
6650	-1.33	-13.77	15.47	-290.52	886.97	1710.28	130.19	161.55	1551.96
6651	-2.21	-13.69	15.47	-266.23	812.32	1609.14	273.14	327.48	1444.06
6652	-3.08	-13.56	15.47	-199.60	675.12	1464.21	388.12	451.24	1269.43
6653	-3.94	-13.40	15.47	-109.39	501.08	1275.11	447.56	520.64	1046.38
6654	-4.79	-13.20	15.47	-47.30	333.74	1058.19	441.80	507.36	817.69
6655	-5.63	-12.96	15.47	-7.14	201.61	860.97	407.44	447.96	625.84
6656	-6.45	-12.69	15.47	2.81	97.70	691.95	354.45	362.16	474.67
6657	-7.25	-12.37	15.47	-9.52	26.56	551.03	297.40	264.03	365.66
6658	-8.03	-12.03	15.47	-33.73	-16.70	437.81	247.21	167.27	296.56
6659	-0.45	-14.88	15.47	-466.27	338.62	1020.45	8.51	-16.59	709.35
6660	-1.35	-14.83	15.47	-459.94	325.72	1000.48	80.82	58.09	692.90
6661	-2.25	-14.73	15.47	-437.67	291.25	959.23	152.31	129.82	652.51
6662	-3.14	-14.58	15.47	-394.86	234.42	894.93	213.32	191.04	586.73
6663	-4.02	-14.39	15.47	-335.99	164.00	811.69	251.15	228.40	502.37
6664	-4.89	-14.14	15.47	-272.81	94.70	715.96	261.50	236.41	412.33
6665	-5.73	-13.85	15.47	-221.02	36.98	613.98	249.71	213.62	330.35
6666	-6.56	-13.51	15.47	-183.70	-5.49	515.86	226.99	168.94	266.65
6667	-7.37	-13.13	15.47	-161.99	-33.80	427.57	199.89	111.56	223.80
6668	-8.16	-12.70	15.47	-153.21	-49.14	351.30	174.46	49.33	201.71
6669	-11.87	-9.34	15.47	-134.82	-57.71	148.38	137.28	-155.05	314.18
6670	-11.37	-10.00	15.47	-143.20	-57.01	165.03	135.65	-146.65	286.75
6671	-10.83	-10.64	15.47	-151.12	-56.28	183.84	134.11	-132.05	257.71
6672	-11.16	-9.29	15.47	-93.07	-60.59	176.71	164.02	-72.71	286.10
6673	-10.80	-9.87	15.47	-96.94	-60.03	198.89	163.08	-66.66	274.60
6674	-10.42	-10.43	15.47	-102.17	-58.85	221.01	162.02	-58.45	261.63
6675	-10.45	-9.25	15.47	-51.44	-46.29	205.60	196.99	16.11	271.86
6676	-10.23	-9.74	15.47	-53.92	-48.07	228.23	194.38	16.06	268.41
6677	-10.01	-10.22	15.47	-58.27	-49.85	247.90	191.64	18.16	264.45
6678	-8.89	-12.24	15.47	-151.51	-56.40	291.04	154.66	-8.97	196.79
6679	-8.73	-11.67	15.47	-58.54	-40.88	356.70	209.89	87.01	259.66
6680	-8.56	-11.09	15.47	18.25	-14.55	393.39	254.26	184.01	300.55
6681	-9.58	-11.75	15.47	-152.27	-57.66	244.95	142.35	-59.29	208.44
6682	-9.34	-11.30	15.47	-79.61	-51.79	298.74	186.19	25.00	248.66
6683	-9.10	-10.85	15.47	-18.36	-33.83	330.65	224.11	109.84	275.83
6684	-10.24	-11.22	15.47	-153.65	-57.33	208.00	135.22	-100.63	229.07
6685	-9.93	-10.90	15.47	-97.22	-57.85	251.27	169.02	-26.98	249.47
6686	-9.63	-10.59	15.47	-49.38	-45.71	280.48	200.99	45.73	266.03
6687	-8.59	-9.32	13.78	194.98	-117.97	724.60	159.60	477.59	364.88
6688	-9.36	-9.29	13.78	149.42	-100.13	559.16	143.32	324.93	335.61
6689	-10.12	-9.26	13.78	97.69	-82.63	453.50	124.95	198.47	320.40
6690	-8.70	-9.96	13.78	166.98	-95.63	715.91	181.85	425.34	390.22
6691	-9.37	-9.87	13.78	127.08	-85.50	585.67	157.47	302.00	352.53
6692	-10.03	-9.77	13.78	84.48	-73.13	494.51	134.75	196.95	328.67
6693	-8.80	-10.60	13.78	125.22	-74.57	712.73	191.51	365.96	395.64
6694	-9.37	-10.44	13.78	96.21	-70.79	612.40	165.61	273.54	358.90
6695	-9.93	-10.27	13.78	63.97	-63.17	536.59	141.63	189.68	331.20
6696	-0.41	-9.57	13.78	-173.41	-599.91	4322.58	-87.81	-139.73	98.37
6697	-1.24	-9.56	13.78	-208.49	-594.78	4318.75	-112.75	40.21	155.86
6698	-2.07	-9.55	13.78	-285.27	-581.56	4213.51	-158.09	296.35	261.60
6699	-2.89	-9.54	13.78	-333.04	-524.66	3920.03	-132.52	593.95	368.45
6700	-3.72	-9.52	13.78	-197.94	-414.71	3522.97	-96.06	804.44	454.41
6701	-4.54	-9.49	13.78	-48.14	-382.10	2959.50	38.11	977.47	467.56
6702	-5.36	-9.46	13.78	-66.40	-324.88	2388.95	59.66	965.61	490.14
6703	-6.18	-9.43	13.78	121.91	-226.03	1873.57	113.49	974.45	489.63
6704	-6.99	-9.39	13.78	202.18	-172.69	1367.70	154.44	837.32	456.00
6705	-7.80	-9.35	13.78	220.99	-139.31	984.91	167.19	655.59	405.07
6706	-0.43	-10.71	13.78	-270.36	-548.56	4409.18	-85.11	-84.17	909.45
6707	-1.29	-10.69	13.78	-321.41	-526.84	4325.37	-79.41	189.15	945.40
6708	-2.14	-10.66	13.78	-297.78	-469.44	4140.32	-46.21	434.14	973.20
6709	-2.99	-10.61	13.78	-263.18	-381.45	3762.85	96.04	729.85	948.97
6710	-3.83	-10.55	13.78	-189.98	-241.15	3288.00	114.82	876.58	922.53
6711	-4.67	-10.48	13.78	-18.13	-191.66	2756.23	129.68	1009.61	847.44
6712	-5.50	-10.39	13.78	18.59	-202.83	2185.28	180.95	985.02	752.61
6713	-6.33	-10.30	13.78	155.74	-149.27	1677.26	227.55	918.87	649.74
6714	-7.15	-10.19	13.78	204.40	-121.96	1240.22	227.50	757.35	538.14
6715	-7.96	-10.06	13.78	197.94	-106.95	922.82	206.83	579.13	447.97
6716	-0.44	-11.85	13.78	-352.57	-189.76	3884.73	-49.64	-30.11	1476.74
6717	-1.33	-11.82	13.78	-363.06	-162.00	3777.10	18.78	249.95	1461.66
6718	-2.20	-11.76	13.78	-290.87	-93.80	3569.91	79.15	474.18	1430.19
6719	-3.07	-11.69	13.78	-249.79	-127.65	3236.24	146.03	697.66	1322.39
6720	-3.94	-11.59	13.78	-231.77	-200.52	2798.45	213.27	838.36	1159.08
6721	-4.79	-11.47	13.78	-55.25	-129.41	2339.98	265.95	919.40	1021.25
6722	-5.64	-11.33	13.78	70.93	-74.60	1869.20	301.83	889.74	868.59
6723	-6.47	-11.17	13.78	133.48	-71.21	1452.63	295.34	781.99	704.76
6724	-7.30	-10.98	13.78	159.73	-73.99	1121.44	265.93	638.71	564.42
6725	-8.11	-10.78	13.78	150.02	-76.36	873.52	225.96	487.87	458.75
6726	-0.45	-12.99	13.78	-423.76	41.73	3053.23	-20.17	-11.89	1634.08
6727	-1.36	-12.95	13.78	-413.28	42.18	2977.66	74.32	215.24	1594.52
6728	-2.26	-12.88	13.78	-373.93	33.59	2798.23	164.19	424.36	1498.84
6729	-3.15	-12.77	13.78	-295.92	66.47	2559.39	231.78	581.09	1389.54
6730	-4.04	-12.64	13.78	-178.61	91.35	2263.11	312.15	704.60	1244.26
6731	-4.91	-12.47	13.78	-77.78	56.32	1908.85	346.02	743.56	1042.81
6732	-5.77	-12.27	13.78	7.59	19.21	1566.07	340.63	703.70	842.41

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]
6733	-6.61	-12.04	13.78	62.48	-11.95	1271.99	312.04	617.36	672.28
6734	-7.44	-11.78	13.78	84.28	-36.73	1031.73	269.12	507.90	536.88
6735	-8.25	-11.50	13.78	82.23	-50.15	842.24	223.35	392.02	436.88
6736	-0.47	-14.13	13.78	-461.66	325.62	2300.03	-1.94	-14.55	1412.80
6737	-1.39	-14.08	13.78	-446.74	314.14	2255.66	93.89	150.30	1380.36
6738	-2.31	-13.99	13.78	-404.21	285.27	2152.99	182.98	302.66	1300.34
6739	-3.23	-13.86	13.78	-337.57	235.97	1988.01	257.50	427.23	1171.97
6740	-4.13	-13.69	13.78	-256.57	177.03	1784.21	302.46	500.88	1015.65
6741	-5.02	-13.47	13.78	-168.67	118.32	1571.13	320.91	528.31	854.26
6742	-5.89	-13.21	13.78	-95.20	61.09	1358.98	310.33	511.18	698.71
6743	-6.74	-12.92	13.78	-42.14	15.83	1160.83	280.46	458.08	563.03
6744	-7.58	-12.59	13.78	-10.82	-14.86	985.99	241.30	383.51	455.14
6745	-8.39	-12.22	13.78	0.79	-31.98	836.92	200.54	299.34	375.78
6746	-0.47	-15.27	13.78	-526.52	245.12	1949.10	6.21	-26.29	859.93
6747	-1.42	-15.22	13.78	-512.41	234.37	1917.93	76.27	81.86	840.65
6748	-2.36	-15.11	13.78	-478.40	207.78	1852.17	141.08	183.13	793.57
6749	-3.29	-14.95	13.78	-424.44	168.58	1754.23	193.24	267.67	722.26
6750	-4.21	-14.74	13.78	-356.00	122.21	1627.71	227.01	327.39	633.51
6751	-5.12	-14.48	13.78	-282.92	75.44	1480.33	239.75	355.50	537.85
6752	-6.00	-14.16	13.78	-213.53	34.56	1323.78	234.16	352.86	446.58
6753	-6.87	-13.80	13.78	-156.04	2.89	1167.46	214.62	323.70	367.32
6754	-7.71	-13.39	13.78	-113.96	-17.58	1018.74	187.58	274.73	305.42
6755	-8.52	-12.94	13.78	-87.16	-27.44	883.08	158.94	213.86	262.82
6756	-12.36	-9.36	13.78	-64.56	0.30	372.41	84.31	-65.86	310.64
6757	-11.85	-10.07	13.78	-66.32	-4.60	432.99	86.42	-40.31	284.99
6758	-11.29	-10.74	13.78	-68.54	-10.11	501.68	90.16	-8.71	260.07
6759	-11.62	-9.31	13.78	-10.11	-33.63	369.65	94.26	7.31	313.77
6760	-11.25	-9.92	13.78	-13.78	-32.31	427.40	100.95	29.22	303.06
6761	-10.86	-10.52	13.78	-20.09	-31.09	489.49	107.69	53.02	291.32
6762	-10.87	-9.26	13.78	43.30	-60.35	395.41	107.67	92.21	315.23
6763	-10.66	-9.79	13.78	36.57	-55.35	445.25	115.95	105.06	314.64
6764	-10.43	-10.30	13.78	27.07	-50.10	495.20	123.45	119.43	312.31
6765	-9.29	-12.45	13.78	-73.51	-29.51	765.42	133.02	150.89	238.75
6766	-9.11	-11.83	13.78	-0.05	-38.94	721.29	165.94	221.82	325.05
6767	-8.93	-11.22	13.78	67.69	-55.27	712.86	186.10	295.07	374.15
6768	-10.00	-11.92	13.78	-67.90	-25.62	664.48	113.04	91.52	233.43
6769	-9.74	-11.44	13.78	-6.66	-38.94	632.00	140.29	155.85	299.63
6770	-9.49	-10.96	13.78	50.37	-55.13	625.62	159.48	222.29	340.31
6771	-10.68	-11.36	13.78	-68.03	-18.50	576.92	98.23	37.40	240.04
6772	-10.36	-11.02	13.78	-17.13	-34.47	555.54	119.68	96.14	286.72
6773	-10.04	-10.69	13.78	30.56	-50.69	553.68	137.34	155.68	319.72
6774	-8.93	-9.34	12.09	114.56	-144.09	815.36	59.43	372.07	298.80
6775	-9.73	-9.31	12.09	106.13	-107.82	682.28	57.75	275.80	290.47
6776	-10.52	-9.27	12.09	84.79	-73.98	592.26	54.75	187.99	286.04
6777	-9.05	-10.01	12.09	103.01	-108.07	851.28	89.45	354.31	334.89
6778	-9.74	-9.91	12.09	93.65	-83.23	740.19	79.71	272.49	312.75
6779	-10.43	-9.81	12.09	75.81	-58.55	659.09	70.16	197.44	297.05
6780	-9.16	-10.69	12.09	81.81	-71.43	893.25	110.61	328.11	351.25
6781	-9.75	-10.52	12.09	75.20	-58.30	801.72	96.62	263.78	324.34
6782	-10.34	-10.35	12.09	62.39	-42.61	729.71	83.47	202.12	302.66
6783	-0.43	-9.60	12.09	-306.10	-535.28	3086.88	-72.20	-108.27	194.40
6784	-1.29	-9.60	12.09	-316.98	-518.70	3053.21	-79.43	65.21	222.32
6785	-2.15	-9.58	12.09	-305.89	-488.70	2937.40	-67.64	235.64	254.15
6786	-3.01	-9.57	12.09	-263.28	-450.94	2755.01	-54.43	384.68	285.97
6787	-3.87	-9.55	12.09	-223.59	-416.39	2499.88	-26.42	517.28	309.30
6788	-4.72	-9.52	12.09	-155.00	-358.31	2196.58	-16.94	605.90	333.00
6789	-5.57	-9.49	12.09	-43.85	-308.34	1862.51	16.36	644.27	340.13
6790	-6.42	-9.46	12.09	8.42	-271.18	1535.02	36.37	612.86	333.15
6791	-7.27	-9.42	12.09	67.59	-225.26	1249.52	49.92	556.88	321.53
6792	-8.11	-9.37	12.09	102.79	-182.79	1003.80	57.40	470.16	308.40
6793	-0.45	-10.81	12.09	-355.17	-438.32	3163.55	-57.67	-68.64	660.79
6794	-1.34	-10.79	12.09	-345.18	-419.16	3109.75	-34.85	116.20	665.12
6795	-2.23	-10.75	12.09	-329.77	-392.52	2964.40	-5.33	299.17	657.48
6796	-3.12	-10.70	12.09	-279.01	-359.05	2746.13	6.92	449.12	646.54
6797	-4.00	-10.64	12.09	-205.90	-332.30	2465.46	47.13	567.97	619.36
6798	-4.87	-10.56	12.09	-137.38	-291.15	2143.46	84.54	631.67	571.99
6799	-5.73	-10.47	12.09	-37.88	-237.37	1817.72	98.76	644.99	516.07
6800	-6.59	-10.37	12.09	19.82	-201.82	1509.28	104.71	604.38	462.22
6801	-7.44	-10.25	12.09	70.70	-166.77	1240.48	105.99	537.12	411.51
6802	-8.28	-10.12	12.09	97.59	-135.34	1014.97	99.19	446.07	366.00
6803	-0.46	-12.02	12.09	-388.95	-245.90	2956.03	-40.56	-45.33	1004.32
6804	-1.39	-11.99	12.09	-372.93	-234.03	2899.45	4.75	135.86	993.90
6805	-2.30	-11.93	12.09	-348.01	-225.23	2761.34	54.05	309.27	955.57
6806	-3.21	-11.85	12.09	-286.56	-195.03	2551.60	101.72	453.00	894.35
6807	-4.11	-11.74	12.09	-194.90	-153.91	2294.54	133.68	548.76	817.74
6808	-5.00	-11.62	12.09	-127.11	-145.15	2011.49	155.00	593.73	724.24
6809	-5.88	-11.47	12.09	-52.34	-135.94	1728.62	161.50	597.45	627.35
6810	-6.75	-11.29	12.09	12.79	-118.81	1461.72	159.56	559.07	537.75
6811	-7.60	-11.10	12.09	55.75	-102.73	1226.64	147.41	490.69	458.77
6812	-8.44	-10.88	12.09	77.38	-86.34	1031.13	128.74	406.00	393.70
6813	-0.48	-13.23	12.09	-405.81	8.09	2623.39	-22.65	-35.34	1122.15
6814	-1.43	-13.19	12.09	-389.85	10.94	2572.06	40.04	127.37	1101.83
6815	-2.37	-13.11	12.09	-349.33	12.40	2461.28	96.85	273.13	1051.52
6816	-3.30	-13.00	12.09	-292.30	-2.44	2295.56	147.75	393.77	967.87
6817	-4.22	-12.85	12.09	-225.58	-21.76	2090.46	178.30	474.78	863.41
6818	-5.13	-12.67	12.09	-146.80	-27.87	1869.44	196.75	516.07	756.28
6819	-6.02	-12.46	12.09	-74.09	-33.73	1644.16	200.34	518.69	649.02
6820	-6.90	-12.22	12.09	-16.38	-39.79	1428.39	189.38	486.21	547.66
6821	-7.76	-11.95	12.09	23.38	-42.59	1234.50	169.03	428.80	460.10
6822	-8.60	-11.64	12.09	44.60	-40.68	1067.89	143.85	357.56	390.05
6823	-0.49	-14.44	12.09	-418.34	161.08	2375.14	-9.37	-35.79	1013.80
6824	-1.46	-14.39	12.09	-402.76	155.65	2335.21	54.87	95.44	993.00
6825	-2.42	-14.30	12.09	-366.80	140.71	2251.27	112.48	214.35	943.09
6826	-3.38	-14.15	12.09	-312.83	121.21	2131.95	158.18	311.37	871.67
6827	-4.32	-13.97	12.09	-246.69	96.70	1983.46	190.98	382.44	783.30
6828	-5.24	-13.74	12.09	-178.46	67.45	1813.10	206.20	420.81	683.81
6829	-6.15	-13.47	12.09	-113.91	40.20	1634.81	205.42	426.69	584.46
6830	-7.04	-13.15	12.09	-60.03	17.72	1459.60	191.70	405.30	493.51
6831	-7.91	-12.80	12.09	-20.70	1.68	1294.79	169.50	363.11	415.95

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]
6832	-8.75	-12.41	12.09	3.56	-7.09	1144.87	143.73	307.66	354.46
6833	-0.50	-15.66	12.09	-418.08	196.06	2420.14	-1.38	-42.00	779.15
6834	-1.49	-15.60	12.09	-404.62	188.70	2386.08	53.13	60.75	764.25
6835	-2.47	-15.48	12.09	-374.36	171.18	2317.25	101.98	155.79	728.17
6836	-3.44	-15.31	12.09	-329.87	145.48	2215.65	141.24	236.47	673.91
6837	-4.40	-15.09	12.09	-275.34	115.03	2086.62	167.70	296.62	607.03
6838	-5.35	-14.81	12.09	-216.19	83.57	1937.49	180.37	333.29	534.04
6839	-6.27	-14.48	12.09	-159.01	54.27	1775.62	179.69	345.45	461.02
6840	-7.17	-14.09	12.09	-108.85	30.40	1608.74	168.18	334.98	393.97
6841	-8.05	-13.66	12.09	-69.18	13.62	1443.74	149.50	306.10	337.41
6842	-8.89	-13.18	12.09	-41.18	4.26	1285.97	127.67	263.98	293.69
6843	-12.84	-9.38	12.09	-20.75	29.60	562.70	52.19	4.57	278.43
6844	-12.32	-10.13	12.09	-18.32	23.77	663.07	56.44	37.19	262.86
6845	-11.75	-10.84	12.09	-17.03	17.62	772.76	62.68	73.51	250.12
6846	-12.07	-9.33	12.09	18.82	-4.10	539.24	52.30	50.88	281.91
6847	-11.70	-9.98	12.09	17.75	-2.49	630.08	61.40	79.79	276.36
6848	-11.30	-10.61	12.09	14.04	-1.25	727.23	70.67	109.40	271.30
6849	-11.30	-9.28	12.09	54.32	-38.43	546.96	52.78	111.13	284.30
6850	-11.08	-9.83	12.09	49.79	-30.89	623.74	64.59	131.41	286.44
6851	-10.85	-10.37	12.09	42.54	-23.49	703.27	75.44	152.21	287.46
6852	-9.68	-12.66	12.09	-25.14	1.45	1140.67	106.16	215.90	263.73
6853	-9.50	-12.00	12.09	14.60	-9.90	1019.58	119.56	251.43	312.00
6854	-9.31	-11.35	12.09	50.91	-36.30	945.13	121.43	291.43	342.72
6855	-10.42	-12.10	12.09	-17.28	3.55	1008.17	87.89	166.60	248.35
6856	-10.15	-11.58	12.09	17.63	-9.01	915.25	99.80	199.80	287.58
6857	-9.89	-11.08	12.09	49.15	-31.55	856.53	103.71	237.57	314.76
6858	-11.12	-11.50	12.09	-15.92	9.46	886.64	72.85	118.41	243.41
6859	-10.78	-11.14	12.09	14.71	-4.48	821.09	82.77	150.24	272.70
6860	-10.45	-10.79	12.09	42.37	-24.64	779.95	88.05	185.78	296.08
6861	-9.27	-9.35	10.41	62.15	-115.72	814.18	10.53	253.45	220.62
6862	-10.09	-9.32	10.41	64.89	-80.77	722.61	13.84	196.04	223.68
6863	-10.92	-9.29	10.41	57.88	-48.45	659.25	17.41	142.26	227.81
6864	-9.40	-10.06	10.41	58.18	-80.05	891.20	38.56	256.88	257.56
6865	-10.12	-9.96	10.41	59.58	-56.14	808.81	35.52	206.78	247.73
6866	-10.83	-9.86	10.41	53.74	-32.96	746.43	32.83	159.51	241.47
6867	-9.52	-10.78	10.41	48.97	-44.35	975.40	60.67	253.87	280.63
6868	-10.13	-10.60	10.41	50.62	-31.94	900.15	53.32	213.32	264.57
6869	-10.74	-10.42	10.41	47.11	-17.51	837.87	46.90	173.42	252.05
6870	-0.45	-9.64	10.41	-281.28	-426.00	2278.39	-59.04	-95.98	146.35
6871	-1.34	-9.63	10.41	-279.44	-414.72	2250.57	-56.44	25.23	158.66
6872	-2.24	-9.62	10.41	-262.33	-396.46	2172.65	-53.22	140.70	173.27
6873	-3.13	-9.60	10.41	-232.93	-372.19	2045.56	-45.26	244.67	187.92
6874	-4.02	-9.58	10.41	-184.86	-340.08	1879.68	-37.14	324.88	201.68
6875	-4.90	-9.55	10.41	-130.02	-307.52	1688.08	-22.63	376.06	209.84
6876	-5.79	-9.52	10.41	-79.52	-269.70	1485.74	-13.40	398.03	214.48
6877	-6.67	-9.48	10.41	-22.39	-228.41	1285.40	-4.03	392.69	217.14
6878	-7.55	-9.44	10.41	17.98	-189.90	1099.32	2.72	359.29	217.76
6879	-8.42	-9.39	10.41	46.68	-151.70	939.95	7.15	310.20	217.81
6880	-0.47	-10.92	10.41	-306.09	-327.97	2403.53	-49.34	-75.50	454.92
6881	-1.40	-10.89	10.41	-301.39	-317.63	2364.35	-31.31	56.72	456.44
6882	-2.33	-10.85	10.41	-275.06	-300.03	2270.38	-13.67	177.73	450.89
6883	-3.25	-10.80	10.41	-235.71	-277.17	2128.59	8.09	280.38	435.23
6884	-4.16	-10.73	10.41	-184.88	-248.37	1950.20	22.88	356.75	411.71
6885	-5.06	-10.65	10.41	-123.86	-219.31	1750.90	33.71	401.34	385.22
6886	-5.96	-10.55	10.41	-70.36	-192.62	1544.39	43.35	414.79	355.48
6887	-6.85	-10.44	10.41	-17.64	-162.91	1345.24	47.14	400.65	324.12
6888	-7.73	-10.32	10.41	20.26	-134.22	1163.95	46.29	362.72	295.72
6889	-8.60	-10.18	10.41	45.68	-105.77	1008.43	42.59	311.11	272.35
6890	-0.48	-12.20	10.41	-319.90	-167.49	2389.15	-37.01	-61.01	677.45
6891	-1.45	-12.16	10.41	-311.29	-161.41	2347.89	-3.73	69.08	669.28
6892	-2.41	-12.10	10.41	-280.88	-151.00	2255.04	26.78	186.64	644.81
6893	-3.35	-12.01	10.41	-237.25	-141.67	2120.30	51.94	282.27	606.96
6894	-4.29	-11.90	10.41	-186.20	-133.57	1953.90	72.98	352.90	557.91
6895	-5.21	-11.76	10.41	-125.17	-118.77	1768.82	85.95	393.20	502.71
6896	-6.13	-11.60	10.41	-69.39	-103.80	1578.95	91.26	402.14	446.26
6897	-7.03	-11.42	10.41	-21.98	-89.75	1396.68	88.75	386.03	392.57
6898	-7.91	-11.21	10.41	14.41	-74.71	1229.80	81.36	350.21	345.20
6899	-8.78	-10.98	10.41	37.84	-58.68	1083.47	70.80	301.40	306.11
6900	-0.50	-13.48	10.41	-323.54	0.18	2327.98	-25.04	-53.98	773.08
6901	-1.49	-13.43	10.41	-311.88	1.09	2290.67	17.07	63.47	760.86
6902	-2.47	-13.35	10.41	-283.16	-1.38	2210.78	55.73	170.36	727.95
6903	-3.45	-13.23	10.41	-239.40	-3.36	2095.32	86.52	258.20	679.17
6904	-4.40	-13.07	10.41	-185.67	-5.98	1953.58	109.07	321.73	619.02
6905	-5.35	-12.88	10.41	-131.00	-12.16	1794.94	120.59	358.45	551.61
6906	-6.28	-12.66	10.41	-78.83	-17.40	1630.41	122.39	369.05	483.73
6907	-7.19	-12.40	10.41	-33.60	-19.98	1468.87	116.40	357.13	420.56
6908	-8.08	-12.11	10.41	1.02	-19.74	1316.70	104.63	327.47	365.26
6909	-8.95	-11.79	10.41	23.75	-16.06	1178.22	89.78	285.75	319.93
6910	-0.51	-14.76	10.41	-315.81	129.53	2342.19	-15.17	-53.55	753.12
6911	-1.53	-14.70	10.41	-304.17	126.54	2308.79	29.28	48.07	741.03
6912	-2.53	-14.60	10.41	-277.10	117.04	2241.91	68.98	140.89	710.04
6913	-3.53	-14.45	10.41	-238.05	101.33	2145.06	101.03	218.98	662.73
6914	-4.51	-14.25	10.41	-191.23	82.31	2024.43	122.60	277.17	604.21
6915	-5.47	-14.01	10.41	-140.86	63.49	1887.70	133.73	313.69	540.52
6916	-6.41	-13.72	10.41	-92.60	45.94	1741.55	134.86	328.54	476.21
6917	-7.34	-13.39	10.41	-50.57	31.22	1592.51	127.64	323.54	415.55
6918	-8.24	-13.01	10.41	-17.45	20.66	1446.19	114.56	302.37	362.04
6919	-9.11	-12.60	10.41	5.37	14.78	1306.50	98.46	269.50	317.80
6920	-0.52	-16.04	10.41	-298.85	170.09	2526.16	-8.39	-56.67	690.32
6921	-1.55	-15.98	10.41	-288.52	165.47	2494.00	32.11	31.13	680.10
6922	-2.58	-15.86	10.41	-265.73	153.30	2431.63	68.36	112.58	654.04
6923	-3.59	-15.68	10.41	-232.58	135.43	2341.68	97.61	182.76	614.75
6924	-4.59	-15.44	10.41	-192.36	113.86	2227.85	118.07	238.00	565.49
6925	-5.58	-15.14	10.41	-149.08	90.96	2094.82	128.83	275.65	510.22
6926	-6.54	-14.79	10.41	-106.65	69.42	1948.22	130.31	294.96	453.41
6927	-7.47	-14.38	10.41	-68.63	51.16	1793.65	123.97	296.90	399.12
6928	-8.38	-13.92	10.41	-37.56	37.47	1636.22	112.03	283.77	350.51
6929	-9.26	-13.41	10.41	-14.53	28.84	1480.10	97.06	258.80	309.83
6930	-13.33	-9.40	10.41	-0.96	41.44	661.00	35.50	45.54	242.19

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]
6931	-12.79	-10.19	10.41	3.53	37.50	786.28	40.08	79.54	238.13
6932	-12.21	-10.95	10.41	6.56	33.50	918.82	46.44	114.66	237.97
6933	-12.53	-9.35	10.41	22.93	13.98	634.55	28.96	64.39	237.93
6934	-12.15	-10.03	10.41	24.23	16.22	746.32	37.74	95.61	239.55
6935	-11.74	-10.69	10.41	23.16	18.05	863.45	46.71	126.40	242.98
6936	-11.73	-9.29	10.41	43.18	-15.85	631.20	22.67	96.43	233.27
6937	-11.51	-9.88	10.41	41.76	-8.09	726.22	34.21	120.81	239.64
6938	-11.27	-10.45	10.41	37.83	-0.78	824.33	44.84	144.88	246.25
6939	-10.08	-12.86	10.41	-0.80	25.22	1330.28	81.59	226.64	278.38
6940	-9.88	-12.17	10.41	17.69	13.01	1183.07	82.59	232.97	285.37
6941	-9.68	-11.48	10.41	34.61	-11.14	1069.70	76.29	244.16	288.45
6942	-10.84	-12.27	10.41	6.34	25.04	1188.04	67.67	190.51	256.94
6943	-10.56	-11.73	10.41	23.18	13.25	1074.48	68.89	197.02	264.49
6944	-10.28	-11.19	10.41	38.16	-6.80	986.27	65.03	208.54	269.07
6945	-11.56	-11.64	10.41	7.86	28.24	1052.13	55.53	152.92	243.43
6946	-11.21	-11.26	10.41	23.32	16.28	972.24	56.67	160.73	250.18
6947	-10.86	-10.89	10.41	37.14	-1.38	910.59	54.80	172.97	255.60
6948	-9.61	-9.37	8.72	30.00	-81.03	776.71	-12.10	157.35	151.81
6949	-10.46	-9.34	8.72	34.78	-53.24	714.38	-6.65	124.33	161.77
6950	-11.31	-9.30	8.72	33.21	-27.92	669.89	-0.28	94.52	172.11
6951	-9.75	-10.12	8.72	30.34	-50.86	880.04	11.53	173.52	189.00
6952	-10.50	-10.01	8.72	34.12	-32.20	818.03	12.02	144.22	187.85
6953	-11.23	-9.90	8.72	32.82	-14.34	768.47	13.09	116.93	188.94
6954	-9.88	-10.87	8.72	27.87	-21.31	989.77	31.23	185.41	218.41
6955	-10.52	-10.69	8.72	31.24	-12.00	926.06	27.92	161.10	210.31
6956	-11.14	-10.49	8.72	31.10	-1.04	870.16	25.79	137.13	204.88
6957	-0.47	-9.67	8.72	-216.58	-320.03	1736.62	-51.21	-93.42	66.56
6958	-1.39	-9.66	8.72	-214.82	-311.62	1716.89	-50.12	-9.97	75.11
6959	-2.32	-9.65	8.72	-201.44	-297.73	1663.03	-47.37	68.67	84.39
6960	-3.25	-9.63	8.72	-176.67	-278.63	1579.40	-43.84	136.27	93.82
6961	-4.17	-9.61	8.72	-144.73	-255.84	1471.96	-38.88	188.94	102.54
6962	-5.09	-9.58	8.72	-107.73	-229.12	1348.20	-34.62	223.84	111.01
6963	-6.00	-9.54	8.72	-68.53	-200.62	1217.06	-29.46	239.03	118.94
6964	-6.91	-9.50	8.72	-34.41	-170.96	1087.62	-24.95	236.06	126.33
6965	-7.82	-9.46	8.72	-4.56	-140.00	967.30	-20.64	218.76	133.93
6966	-8.73	-9.41	8.72	16.82	-109.57	861.25	-16.51	190.40	141.96
6967	-0.49	-11.02	8.72	-232.33	-229.63	1914.12	-43.92	-79.56	288.54
6968	-1.46	-10.99	8.72	-227.10	-222.34	1886.19	-31.67	11.06	289.67
6969	-2.42	-10.95	8.72	-209.70	-210.96	1822.16	-19.30	94.60	285.16
6970	-3.38	-10.89	8.72	-180.80	-196.00	1727.14	-8.85	164.90	276.13
6971	-4.32	-10.82	8.72	-144.07	-178.63	1608.97	0.62	217.12	263.50
6972	-5.26	-10.73	8.72	-104.66	-158.90	1476.20	7.83	249.67	247.82
6973	-6.19	-10.63	8.72	-64.36	-137.14	1338.16	11.82	261.87	231.43
6974	-7.11	-10.52	8.72	-29.54	-115.18	1203.01	13.72	255.92	216.21
6975	-8.03	-10.39	8.72	-0.89	-92.82	1077.45	13.68	235.80	203.10
6976	-8.93	-10.24	8.72	18.96	-70.71	965.91	12.39	205.61	193.27
6977	-0.51	-12.37	8.72	-238.36	-109.35	2017.76	-35.22	-70.48	454.51
6978	-1.51	-12.33	8.72	-231.10	-104.99	1987.06	-13.27	20.82	450.07
6979	-2.51	-12.26	8.72	-211.20	-99.53	1922.25	7.00	103.90	435.25
6980	-3.49	-12.17	8.72	-180.42	-92.44	1828.25	24.28	173.34	411.48
6981	-4.46	-12.05	8.72	-142.07	-83.84	1712.56	36.72	224.24	381.50
6982	-5.42	-11.90	8.72	-102.04	-75.40	1583.57	44.39	255.30	348.24
6983	-6.37	-11.74	8.72	-62.77	-66.04	1449.25	47.30	267.20	314.41
6984	-7.30	-11.54	8.72	-28.38	-55.61	1316.61	46.32	261.66	282.60
6985	-8.22	-11.33	8.72	-1.22	-44.34	1191.39	42.29	242.55	254.85
6986	-9.12	-11.08	8.72	17.55	-32.08	1077.21	36.57	214.07	232.38
6987	-0.52	-13.72	8.72	-234.58	13.16	2106.27	-26.65	-66.38	547.98
6988	-1.56	-13.67	8.72	-226.69	14.03	2075.94	1.87	20.30	540.81
6989	-2.58	-13.58	8.72	-206.23	13.11	2015.40	27.34	99.19	520.76
6990	-3.59	-13.45	8.72	-176.10	10.18	1928.97	48.13	165.16	490.02
6991	-4.59	-13.29	8.72	-139.91	6.22	1822.39	62.74	214.80	451.73
6992	-5.57	-13.09	8.72	-100.93	2.87	1702.34	71.01	246.39	409.61
6993	-6.53	-12.85	8.72	-63.53	0.26	1575.25	73.11	260.18	366.95
6994	-7.47	-12.58	8.72	-30.88	-1.11	1446.90	70.07	258.12	326.67
6995	-8.40	-12.27	8.72	-4.98	-0.61	1321.85	63.43	243.29	291.07
6996	-9.30	-11.93	8.72	13.10	2.21	1203.15	54.91	219.27	261.67
6997	-0.53	-15.07	8.72	-222.39	103.96	2242.79	-19.39	-66.14	586.51
6998	-1.59	-15.01	8.72	-214.54	102.38	2213.36	11.43	13.42	579.08
6999	-2.64	-14.90	8.72	-195.85	96.20	2157.19	39.02	86.68	558.65
7000	-3.68	-14.74	8.72	-168.38	86.72	2077.38	61.29	149.21	527.54
7001	-4.69	-14.53	8.72	-135.18	75.07	1978.03	77.06	197.97	488.64
7002	-5.70	-14.28	8.72	-99.91	62.39	1863.82	85.72	231.23	445.13
7003	-6.68	-13.97	8.72	-65.69	50.34	1739.79	87.70	248.87	400.43
7004	-7.63	-13.62	8.72	-35.30	40.18	1610.56	84.16	252.11	357.54
7005	-8.56	-13.23	8.72	-10.74	32.66	1479.99	76.66	243.15	318.70
7006	-9.47	-12.79	8.72	6.89	28.11	1350.98	67.04	224.77	285.45
7007	-0.54	-16.43	8.72	-202.35	150.09	2463.44	-13.77	-68.14	620.01
7008	-1.62	-16.36	8.72	-195.20	147.38	2433.94	16.26	5.49	613.00
7009	-2.69	-16.23	8.72	-179.10	139.08	2379.03	43.30	74.26	593.73
7010	-3.74	-16.04	8.72	-155.72	126.29	2300.60	65.43	134.59	563.84
7011	-4.78	-15.79	8.72	-127.37	110.64	2201.51	81.32	183.61	525.77
7012	-5.80	-15.47	8.72	-96.74	93.93	2085.30	90.47	219.58	482.45
7013	-6.80	-15.10	8.72	-66.59	77.73	1955.80	93.12	241.79	436.85
7014	-7.78	-14.67	8.72	-39.32	63.45	1816.91	90.18	250.66	391.75
7015	-8.72	-14.19	8.72	-16.69	52.06	1672.27	83.06	247.50	349.53
7016	-9.63	-13.65	8.72	0.44	43.94	1524.97	73.48	234.36	312.05
7017	-13.81	-9.42	8.72	5.70	40.14	674.83	28.12	63.39	206.53
7018	-13.27	-10.25	8.72	11.26	39.39	813.52	32.23	96.51	212.21
7019	-12.67	-11.05	8.72	15.26	38.65	956.63	37.74	128.73	222.01
7020	-12.98	-9.37	8.72	17.34	19.88	656.03	17.96	62.20	195.26
7021	-12.60	-10.08	8.72	20.65	23.32	778.46	25.43	93.66	203.64
7022	-12.18	-10.78	8.72	21.92	26.39	904.31	33.10	123.78	214.51
7023	-12.15	-9.31	8.72	27.03	-2.79	651.25	8.26	72.46	183.93
7024	-11.93	-9.92	8.72	28.37	4.72	755.55	18.15	99.00	194.82
7025	-11.70	-10.52	8.72	27.52	11.67	862.12	27.30	124.55	207.00
7026	-10.47	-13.07	8.72	10.66	39.40	1379.48	63.23	214.03	280.61
7027	-10.27	-12.33	8.72	16.86	26.36	1232.54	57.25	201.95	259.57
7028	-10.06	-11.61	8.72	22.67	5.84	1105.56	47.22	193.85	240.89
7029	-11.26	-12.45	8.72	15.96	36.95	1237.45	53.59	188.53	255.71



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]
7030	-10.97	-11.87	8.72	21.76	25.54	1124.39	48.47	177.71	240.91
7031	-10.67	-11.30	8.72	26.85	8.75	1026.71	40.59	171.24	227.49
7032	-12.00	-11.78	8.72	16.86	37.08	1097.64	44.82	160.22	236.47
7033	-11.64	-11.38	8.72	22.52	26.63	1019.35	40.53	151.99	226.71
7034	-11.27	-10.98	8.72	27.61	12.02	952.30	34.59	147.86	217.64
7035	-9.95	-9.39	7.03	7.39	-52.68	720.16	-20.35	87.20	96.37
7036	-10.83	-9.35	7.03	11.44	-32.98	675.23	-13.86	69.63	110.79
7037	-11.71	-9.32	7.03	11.84	-15.51	640.46	-6.33	55.37	125.11
7038	-10.10	-10.17	7.03	10.73	-28.63	837.20	-1.44	111.42	134.98
7039	-10.87	-10.06	7.03	14.12	-15.86	786.91	1.15	95.27	139.35
7040	-11.64	-9.94	7.03	14.36	-3.87	743.53	4.40	80.88	145.01
7041	-10.25	-10.96	7.03	12.55	-5.43	958.67	14.93	132.61	170.00
7042	-10.90	-10.77	7.03	15.41	0.36	901.43	14.31	118.56	166.66
7043	-11.55	-10.57	7.03	16.19	7.42	848.26	14.95	104.82	165.40
7044	-0.48	-9.71	7.03	-151.36	-228.14	1362.12	-45.29	-90.96	-9.40
7045	-1.45	-9.70	7.03	-151.09	-221.77	1348.01	-45.22	-34.73	-2.65
7046	-2.41	-9.68	7.03	-142.48	-211.43	1311.85	-44.57	17.76	5.24
7047	-3.36	-9.66	7.03	-126.90	-197.60	1256.18	-43.21	62.97	14.04
7048	-4.32	-9.63	7.03	-105.82	-180.62	1185.09	-41.43	97.97	23.65
7049	-5.27	-9.60	7.03	-81.77	-161.30	1103.76	-39.00	120.98	33.86
7050	-6.22	-9.57	7.03	-57.49	-140.08	1017.64	-36.36	131.87	44.72
7051	-7.16	-9.53	7.03	-34.66	-117.76	931.95	-33.24	131.42	56.36
7052	-8.10	-9.48	7.03	-15.91	-95.23	851.26	-29.66	121.65	68.79
7053	-9.04	-9.43	7.03	-1.82	-73.02	779.04	-25.44	105.63	81.92
7054	-0.51	-11.12	7.03	-161.70	-152.99	1577.93	-39.98	-82.10	165.49
7055	-1.51	-11.09	7.03	-159.36	-147.83	1556.91	-32.13	-18.69	167.07
7056	-2.51	-11.05	7.03	-147.87	-139.89	1511.66	-24.65	39.50	165.64
7057	-3.50	-10.99	7.03	-129.06	-129.53	1445.76	-17.84	88.46	161.58
7058	-4.49	-10.91	7.03	-105.24	-117.14	1363.95	-12.38	125.56	155.64
7059	-5.46	-10.82	7.03	-78.84	-103.30	1271.91	-8.39	149.19	148.97
7060	-6.42	-10.71	7.03	-53.08	-88.58	1175.27	-5.69	159.60	142.48
7061	-7.38	-10.59	7.03	-29.78	-73.15	1079.18	-4.19	158.13	137.09
7062	-8.32	-10.46	7.03	-11.04	-57.57	987.75	-3.35	147.17	133.61
7063	-9.25	-10.31	7.03	2.47	-42.14	903.87	-2.71	129.83	132.52
7064	-0.53	-12.54	7.03	-163.79	-62.71	1752.38	-33.84	-76.42	306.09
7065	-1.57	-12.50	7.03	-159.99	-59.63	1727.90	-19.23	-10.04	303.93
7066	-2.61	-12.43	7.03	-147.03	-55.81	1679.33	-5.89	50.50	295.15
7067	-3.63	-12.33	7.03	-126.83	-51.42	1610.27	5.15	101.21	281.01
7068	-4.64	-12.20	7.03	-102.03	-46.51	1525.38	13.42	139.63	263.10
7069	-5.63	-12.05	7.03	-75.14	-40.82	1429.84	18.60	164.49	243.25
7070	-6.61	-11.87	7.03	-49.19	-34.52	1328.86	20.91	176.01	223.32
7071	-7.58	-11.67	7.03	-26.24	-27.66	1226.97	20.86	175.78	204.92
7072	-8.53	-11.44	7.03	-7.89	-20.22	1127.70	19.28	166.06	189.27
7073	-9.46	-11.19	7.03	5.03	-12.21	1033.55	16.98	149.63	176.99
7074	-0.54	-13.97	7.03	-158.24	23.32	1920.18	-27.74	-74.03	406.92
7075	-1.62	-13.91	7.03	-153.69	24.35	1894.16	-8.49	-8.05	402.81
7076	-2.69	-13.81	7.03	-140.64	23.75	1845.41	8.86	52.34	390.02
7077	-3.74	-13.68	7.03	-120.82	22.01	1776.83	23.02	103.59	370.10
7078	-4.77	-13.50	7.03	-96.62	19.63	1692.28	33.24	143.21	345.13
7079	-5.79	-13.29	7.03	-70.85	16.98	1596.09	39.27	170.13	317.35
7080	-6.79	-13.04	7.03	-45.91	14.73	1492.54	41.45	184.48	289.01
7081	-7.76	-12.76	7.03	-23.89	13.34	1385.44	40.49	187.44	262.03
7082	-8.72	-12.43	7.03	-6.27	13.09	1277.86	37.35	180.99	237.89
7083	-9.65	-12.08	7.03	6.19	14.21	1172.00	33.18	167.50	217.69
7084	-0.55	-15.39	7.03	-146.06	89.48	2111.19	-22.33	-74.37	482.12
7085	-1.66	-15.32	7.03	-141.43	89.02	2084.31	-0.73	-10.35	477.36
7086	-2.75	-15.21	7.03	-129.28	85.27	2035.71	18.69	48.89	463.18
7087	-3.82	-15.04	7.03	-111.19	78.87	1967.53	34.62	100.26	441.04
7088	-4.88	-14.82	7.03	-89.20	70.75	1882.65	46.19	141.50	412.93
7089	-5.92	-14.54	7.03	-65.55	61.98	1784.40	53.14	171.39	381.15
7090	-6.94	-14.22	7.03	-42.52	53.42	1676.22	55.73	189.71	347.92
7091	-7.93	-13.85	7.03	-21.98	45.82	1561.33	54.68	197.16	315.23
7092	-8.89	-13.44	7.03	-5.25	39.72	1442.50	51.02	195.16	284.75
7093	-9.83	-12.98	7.03	6.84	35.33	1321.90	45.96	185.55	257.64
7094	-0.56	-16.81	7.03	-128.28	133.81	2333.29	-17.73	-76.40	561.88
7095	-1.68	-16.74	7.03	-123.92	132.47	2305.77	4.60	-14.01	556.91
7096	-2.79	-16.61	7.03	-113.36	126.89	2256.65	24.88	44.61	542.08
7097	-3.89	-16.40	7.03	-97.73	117.92	2187.38	41.77	96.78	518.57
7098	-4.97	-16.14	7.03	-78.63	106.60	2100.02	54.40	140.37	488.12
7099	-6.03	-15.81	7.03	-57.94	94.07	1997.04	62.36	173.97	452.74
7100	-7.07	-15.42	7.03	-37.50	81.51	1881.20	65.78	196.95	414.62
7101	-8.08	-14.96	7.03	-18.95	69.89	1755.30	65.25	209.42	375.83
7102	-9.05	-14.45	7.03	-3.51	59.91	1621.96	61.71	212.13	338.15
7103	-9.99	-13.89	7.03	8.22	51.86	1483.46	56.27	206.41	303.15
7104	-14.30	-9.44	7.03	5.23	30.74	629.33	25.93	66.17	171.70
7105	-13.74	-10.32	7.03	11.40	33.58	774.73	29.26	98.05	184.67
7106	-13.14	-11.15	7.03	16.09	36.41	921.99	33.58	127.67	201.51
7107	-13.44	-9.38	7.03	7.73	17.03	623.23	14.28	52.46	156.42
7108	-13.05	-10.14	7.03	12.60	22.08	750.13	20.09	83.45	170.16
7109	-12.62	-10.87	7.03	15.77	26.81	878.57	26.10	112.43	186.56
7110	-12.58	-9.32	7.03	10.45	1.63	623.73	3.41	48.84	140.99
7111	-12.36	-9.97	7.03	14.01	9.12	731.46	11.20	76.37	155.77
7112	-12.12	-10.60	7.03	15.71	16.03	840.36	18.45	102.33	172.37
7113	-10.87	-13.27	7.03	14.97	46.19	1343.87	50.20	193.88	272.04
7114	-10.65	-12.50	7.03	13.59	32.79	1208.09	40.61	171.36	235.25
7115	-10.43	-11.74	7.03	12.90	15.85	1081.53	29.54	152.07	202.98
7116	-11.68	-12.62	7.03	18.19	41.52	1204.95	44.22	175.69	245.11
7117	-11.37	-12.01	7.03	16.86	30.46	1101.52	35.64	154.76	217.40
7118	-11.07	-11.42	7.03	16.08	16.86	1005.57	26.25	137.73	192.76
7119	-12.45	-11.92	7.03	18.16	38.60	1065.26	38.54	154.04	222.12
7120	-12.06	-11.50	7.03	17.20	29.33	995.61	31.13	136.16	202.60
7121	-11.69	-11.08	7.03	16.93	17.71	931.61	23.39	122.25	184.52
7122	-10.28	-9.41	5.34	-9.83	-29.56	651.26	-19.27	40.04	52.48
7123	-11.20	-9.37	5.34	-7.53	-17.58	615.83	-12.49	31.68	69.74
7124	-12.11	-9.33	5.34	-6.69	-7.65	584.78	-4.81	26.56	86.47
7125	-10.45	-10.23	5.34	-4.08	-10.21	773.68	-4.93	69.21	93.47
7126	-11.25	-10.11	5.34	-2.08	-3.25	729.65	-1.19	60.82	101.04
7127	-12.04	-9.99	5.34	-1.65	2.91	688.38	3.14	53.91	109.18
7128	-10.61	-11.05	5.34	0.92	7.97	898.83	7.81	95.95	133.39

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]
7129	-11.28	-10.85	5.34	2.45	10.02	845.03	8.88	87.84	132.46
7130	-11.95	-10.64	5.34	3.01	12.94	792.52	11.17	79.96	133.11
7131	-0.50	-9.74	5.34	-95.74	-150.45	1090.55	-39.73	-87.08	-72.58
7132	-1.50	-9.73	5.34	-97.30	-145.66	1080.44	-40.36	-49.30	-66.52
7133	-2.49	-9.71	5.34	-93.47	-138.09	1055.91	-40.50	-14.11	-58.73
7134	-3.48	-9.69	5.34	-84.95	-128.00	1018.68	-40.14	16.08	-49.30
7135	-4.47	-9.66	5.34	-73.08	-115.83	971.38	-39.22	39.51	-38.37
7136	-5.45	-9.63	5.34	-59.40	-102.05	917.19	-37.77	55.19	-26.03
7137	-6.43	-9.59	5.34	-45.45	-87.24	859.52	-35.67	62.96	-12.37
7138	-7.40	-9.55	5.34	-32.80	-71.95	801.57	-32.87	63.59	2.49
7139	-8.38	-9.51	5.34	-22.37	-56.73	746.01	-29.25	58.52	18.39
7140	-9.34	-9.45	5.34	-14.85	-42.20	694.69	-24.73	49.74	35.00
7141	-0.53	-11.23	5.34	-102.06	-88.55	1328.59	-36.26	-81.51	77.28
7142	-1.57	-11.20	5.34	-102.10	-84.82	1311.96	-31.18	-36.18	79.43
7143	-2.61	-11.15	5.34	-96.18	-79.35	1278.84	-26.31	5.40	80.25
7144	-3.63	-11.08	5.34	-85.37	-72.41	1231.43	-21.97	40.58	80.07
7145	-4.65	-11.00	5.34	-71.26	-64.28	1172.86	-18.32	67.49	79.38
7146	-5.66	-10.90	5.34	-55.72	-55.29	1106.66	-15.43	85.33	78.74
7147	-6.65	-10.79	5.34	-40.42	-45.76	1036.35	-13.19	94.16	78.77
7148	-7.64	-10.67	5.34	-26.92	-36.11	965.10	-11.34	94.97	79.97
7149	-8.61	-10.52	5.34	-16.17	-26.62	895.36	-9.58	89.39	82.64
7150	-9.58	-10.37	5.34	-8.72	-17.59	828.77	-7.55	79.53	86.94
7151	-0.55	-12.72	5.34	-101.37	-20.67	1542.43	-32.23	-78.28	209.57
7152	-1.63	-12.67	5.34	-100.39	-18.37	1521.75	-22.28	-28.11	208.80
7153	-2.71	-12.59	5.34	-93.36	-15.92	1483.73	-13.21	17.69	203.93
7154	-3.77	-12.49	5.34	-81.52	-13.33	1430.60	-5.57	56.49	195.73
7155	-4.81	-12.35	5.34	-66.57	-10.56	1365.38	0.24	86.45	185.26
7156	-5.84	-12.19	5.34	-50.44	-7.66	1291.41	4.16	106.80	173.72
7157	-6.86	-12.01	5.34	-34.84	-4.58	1211.97	6.39	117.71	162.24
7158	-7.85	-11.79	5.34	-21.25	-1.36	1129.89	7.35	120.14	151.81
7159	-8.83	-11.55	5.34	-10.58	1.97	1047.40	7.55	115.69	143.17
7160	-9.79	-11.29	5.34	-3.32	5.44	966.04	7.62	106.19	136.63
7161	-0.56	-14.21	5.34	-94.58	40.47	1752.28	-28.15	-77.50	321.03
7162	-1.69	-14.15	5.34	-93.06	41.50	1729.00	-14.78	-24.84	318.51
7163	-2.79	-14.05	5.34	-85.85	41.07	1688.05	-2.70	23.49	309.86
7164	-3.88	-13.90	5.34	-74.17	39.46	1631.36	7.31	64.95	296.13
7165	-4.95	-13.72	5.34	-59.64	37.04	1561.48	14.79	97.83	278.69
7166	-6.01	-13.50	5.34	-44.01	34.26	1481.25	19.63	121.26	259.07
7167	-7.04	-13.24	5.34	-28.94	31.45	1393.48	22.06	135.30	238.76
7168	-8.05	-12.93	5.34	-15.79	28.91	1300.70	22.60	140.72	219.07
7169	-9.04	-12.60	5.34	-5.47	26.83	1204.94	21.89	138.85	201.02
7170	-10.00	-12.22	5.34	1.57	25.33	1107.65	20.74	131.30	185.46
7171	-0.58	-15.70	5.34	-83.03	87.28	1969.82	-24.29	-78.83	418.71
7172	-1.72	-15.63	5.34	-81.29	87.46	1944.71	-8.94	-25.13	415.34
7173	-2.86	-15.51	5.34	-74.59	85.01	1901.45	4.99	24.74	404.56
7174	-3.97	-15.33	5.34	-63.92	80.43	1841.52	16.64	68.46	387.42
7175	-5.07	-15.10	5.34	-50.65	74.36	1766.93	25.46	104.34	365.33
7176	-6.15	-14.81	5.34	-36.33	67.45	1679.98	31.28	131.42	339.91
7177	-7.20	-14.48	5.34	-22.39	60.32	1583.05	34.29	149.45	312.78
7178	-8.23	-14.09	5.34	-10.07	53.50	1478.41	34.98	158.86	285.40
7179	-9.22	-13.65	5.34	-0.24	47.33	1368.01	34.03	160.55	259.03
7180	-10.19	-13.17	5.34	6.59	41.92	1253.45	32.22	155.77	234.63
7181	-0.58	-17.20	5.34	-68.41	124.07	2185.60	-20.67	-81.70	516.08
7182	-1.75	-17.12	5.34	-66.63	123.66	2159.34	-4.10	-27.47	512.34
7183	-2.90	-16.98	5.34	-60.75	119.89	2114.27	11.13	23.64	500.23
7184	-4.04	-16.77	5.34	-51.51	113.33	2051.44	24.11	69.59	480.61
7185	-5.16	-16.49	5.34	-39.98	104.71	1972.30	34.21	108.70	454.77
7186	-6.26	-16.14	5.34	-27.38	94.86	1878.66	41.17	139.83	424.25
7187	-7.34	-15.73	5.34	-14.96	84.55	1772.49	45.06	162.36	390.69
7188	-8.38	-15.25	5.34	-3.81	74.44	1655.82	46.24	176.25	355.68
7189	-9.39	-14.72	5.34	5.25	65.05	1530.63	45.31	181.88	320.66
7190	-10.36	-14.12	5.34	11.85	56.54	1398.59	43.02	180.12	286.96
7191	-14.78	-9.47	5.34	-0.62	18.02	547.60	26.58	58.48	138.05
7192	-14.22	-10.38	5.34	5.92	24.67	696.33	28.78	89.31	155.85
7193	-13.60	-11.25	5.34	11.22	31.04	844.84	31.56	117.00	177.20
7194	-13.89	-9.40	5.34	-3.41	10.46	556.91	15.20	39.90	121.93
7195	-13.50	-10.19	5.34	2.83	17.74	685.39	19.17	70.52	139.62
7196	-13.07	-10.96	5.34	7.65	24.53	813.81	23.31	98.52	159.92
7197	-13.01	-9.34	5.34	-5.31	1.91	565.61	4.75	28.88	104.60
7198	-12.78	-10.01	5.34	0.25	10.06	673.81	10.30	56.96	122.53
7199	-12.54	-10.67	5.34	4.16	17.49	782.23	15.44	83.00	142.48
7200	-11.26	-13.48	5.34	14.94	49.47	1263.62	40.23	171.91	255.79
7201	-11.04	-12.67	5.34	9.90	37.72	1143.09	30.13	146.45	213.37
7202	-10.80	-11.87	5.34	5.07	24.27	1021.83	19.89	121.57	173.52
7203	-12.10	-12.79	5.34	15.70	42.62	1127.46	37.28	157.95	227.37
7204	-11.78	-12.16	5.34	11.04	33.35	1037.79	28.03	134.17	195.13
7205	-11.46	-11.53	5.34	6.59	22.84	947.56	18.95	111.94	164.41
7206	-12.89	-12.06	5.34	14.16	36.75	988.50	34.32	140.17	201.74
7207	-12.49	-11.61	5.34	10.22	29.59	931.29	26.17	119.52	179.00
7208	-12.10	-11.18	5.34	6.69	20.95	873.45	18.33	100.91	156.28
7209	7.92	-9.28	17.16	-458.13	303.57	121.56	-485.28	-159.98	151.84
7210	8.63	-9.25	17.16	-497.66	171.74	83.92	-453.51	-80.80	125.38
7211	9.33	-9.23	17.16	-493.50	63.19	64.82	-423.43	-27.40	115.85
7212	8.01	-9.84	17.16	-470.64	225.31	115.91	-413.66	-124.23	140.18
7213	8.63	-9.76	17.16	-494.10	125.07	88.25	-399.03	-62.86	119.26
7214	9.24	-9.67	17.16	-488.05	39.74	72.00	-385.48	-17.55	110.42
7215	8.10	-10.40	17.16	-473.23	145.49	113.45	-349.40	-84.92	122.44
7216	8.62	-10.26	17.16	-485.09	76.80	92.72	-348.85	-40.42	111.39
7217	9.14	-10.12	17.16	-478.37	13.66	80.78	-347.73	-0.60	104.54
7218	0.38	-9.50	17.16	985.60	1364.89	6000.80	43.63	-121.87	-2408.82
7219	1.15	-9.49	17.16	1130.01	1218.19	7209.76	-11.83	689.18	-1486.90
7220	1.91	-9.48	17.16	1034.87	1080.02	8287.38	92.72	-406.36	-642.26
7221	2.67	-9.47	17.16	1126.21	1064.11	8743.61	103.59	-631.72	-329.28
7222	3.43	-9.45	17.16	1186.87	1224.74	10018.50	-14.85	-961.29	86.57
7223	4.19	-9.43	17.16	2761.93	1662.30	6320.70	-1110.79	-4343.02	287.01
7224	4.94	-9.40	17.16	873.56	1757.57	1940.31	-940.53	-1710.63	1070.00
7225	5.70	-9.38	17.16	370.33	1143.45	911.47	-833.77	-1084.18	635.72
7226	6.45	-9.34	17.16	-87.63	709.04	391.97	-617.60	-551.23	306.93
7227	7.20	-9.31	17.16	-339.87	473.47	205.22	-528.40	-293.53	194.34

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]
7228	0.40	-10.50	17.16	1810.61	1131.75	12102.80	-13.25	-395.68	92.64
7229	1.19	-10.48	17.16	1712.99	1196.76	12053.90	40.61	-449.51	165.11
7230	1.98	-10.45	17.16	1582.57	1404.99	12495.30	46.67	-728.32	396.95
7231	2.76	-10.41	17.16	2532.66	2722.15	9702.47	-981.27	-3322.84	2071.51
7232	3.54	-10.35	17.16	1690.91	4274.61	7027.33	-1100.61	-1607.22	4744.45
7233	4.31	-10.29	17.16	2074.33	2884.71	4079.76	-1674.63	-3499.03	2930.85
7234	5.08	-10.22	17.16	627.42	1207.35	1131.11	-718.17	-1307.34	754.98
7235	5.83	-10.13	17.16	46.86	856.77	544.49	-561.02	-682.71	446.16
7236	6.59	-10.04	17.16	-226.10	560.94	296.31	-481.22	-398.98	272.37
7237	7.33	-9.93	17.16	-392.11	360.71	173.77	-433.25	-222.54	176.66
7238	0.41	-11.50	17.16	1914.11	5308.82	7990.31	-292.34	-396.93	6094.53
7239	1.23	-11.47	17.16	1885.18	5301.10	7992.13	-482.46	-625.52	6133.04
7240	2.04	-11.42	17.16	1817.77	5394.25	8046.36	-854.44	-1188.69	6406.29
7241	2.84	-11.35	17.16	2197.91	3744.94	4958.82	-1508.95	-3459.77	4055.94
7242	3.64	-11.26	17.16	819.70	1939.44	1636.18	-616.02	-1398.25	1546.32
7243	4.42	-11.16	17.16	369.04	1527.05	1049.91	-650.41	-928.63	1147.74
7244	5.20	-11.03	17.16	235.71	971.61	701.54	-551.95	-833.55	708.48
7245	5.96	-10.89	17.16	-115.83	586.14	373.50	-392.09	-466.23	346.76
7246	6.72	-10.73	17.16	-316.23	389.44	229.95	-356.44	-271.31	216.69
7247	7.46	-10.56	17.16	-422.86	243.93	154.14	-348.37	-153.38	149.65
7248	0.42	-12.50	17.16	622.95	2185.52	1487.00	-110.59	-140.92	1995.46
7249	1.26	-12.46	17.16	602.52	2156.70	1460.00	-189.84	-290.60	1984.13
7250	2.09	-12.39	17.16	545.70	1993.38	1240.63	-307.12	-608.27	1752.97
7251	2.91	-12.30	17.16	427.24	1627.75	1100.15	-422.72	-655.78	1430.26
7252	3.72	-12.18	17.16	393.15	1159.68	899.07	-400.69	-787.29	998.56
7253	4.52	-12.03	17.16	84.21	779.04	560.92	-285.55	-519.56	581.59
7254	5.30	-11.86	17.16	-109.67	553.92	386.48	-282.13	-376.16	391.61
7255	6.08	-11.66	17.16	-240.20	361.27	273.63	-269.61	-276.70	251.64
7256	6.84	-11.44	17.16	-362.49	224.70	191.48	-263.30	-165.12	158.87
7257	7.58	-11.19	17.16	-432.60	128.76	141.17	-277.85	-84.38	117.07
7258	0.43	-13.50	17.16	265.12	750.28	667.09	-27.31	-65.98	682.69
7259	1.28	-13.45	17.16	228.28	734.68	640.74	-40.13	-132.13	653.26
7260	2.13	-13.37	17.16	164.29	690.09	605.08	-70.22	-184.72	603.31
7261	2.96	-13.26	17.16	96.45	599.11	527.93	-103.93	-247.33	512.05
7262	3.79	-13.10	17.16	-6.21	470.38	435.29	-128.09	-249.85	395.52
7263	4.60	-12.92	17.16	-105.23	342.47	355.03	-139.43	-233.31	280.41
7264	5.40	-12.69	17.16	-224.98	236.02	273.79	-149.27	-167.07	185.90
7265	6.18	-12.44	17.16	-314.99	153.99	210.91	-174.63	-109.63	131.02
7266	6.95	-12.15	17.16	-379.16	84.08	162.53	-200.04	-56.91	97.31
7267	7.70	-11.82	17.16	-421.52	26.33	125.92	-226.47	-6.26	83.04
7268	0.43	-14.50	17.16	36.97	146.61	277.53	-1.14	-10.58	62.63
7269	1.30	-14.45	17.16	4.07	145.66	271.41	1.06	-5.95	62.57
7270	2.15	-14.36	17.16	-43.07	140.41	257.93	-5.90	-4.39	60.15
7271	3.00	-14.22	17.16	-100.80	126.34	239.44	-23.13	-1.58	55.99
7272	3.84	-14.03	17.16	-160.01	102.40	214.04	-46.59	0.78	48.78
7273	4.67	-13.80	17.16	-223.36	71.54	182.35	-72.78	12.24	39.99
7274	5.48	-13.53	17.16	-282.48	39.47	150.93	-101.63	30.65	35.07
7275	6.27	-13.22	17.16	-334.47	7.80	122.02	-132.92	56.29	37.26
7276	7.05	-12.86	17.16	-371.32	-23.57	98.15	-165.93	81.16	47.46
7277	7.80	-12.46	17.16	-392.59	-55.88	79.55	-196.95	104.05	63.39
7278	11.39	-9.32	17.16	-315.88	-207.16	56.46	-297.68	138.31	180.22
7279	10.90	-9.94	17.16	-339.83	-191.58	56.95	-290.23	146.10	165.12
7280	10.38	-10.53	17.16	-361.07	-172.98	57.04	-280.71	152.17	147.30
7281	10.71	-9.27	17.16	-398.13	-120.53	56.30	-346.19	71.71	134.29
7282	10.36	-9.81	17.16	-408.93	-116.24	61.84	-326.84	79.05	126.68
7283	9.99	-10.33	17.16	-415.31	-110.34	67.13	-306.53	86.74	118.52
7284	10.03	-9.23	17.16	-457.62	-33.00	59.10	-388.08	22.88	118.26
7285	9.82	-9.69	17.16	-458.58	-39.63	66.41	-360.91	29.69	111.83
7286	9.60	-10.14	17.16	-455.87	-47.02	71.18	-333.71	34.56	106.63
7287	8.51	-12.03	17.16	-401.25	-87.13	67.58	-224.79	122.80	80.64
7288	8.36	-11.49	17.16	-440.31	-18.64	101.92	-251.60	30.79	80.88
7289	8.21	-10.95	17.16	-463.55	60.71	112.47	-293.06	-32.42	98.35
7290	9.16	-11.57	17.16	-396.22	-117.80	60.69	-249.21	137.64	102.70
7291	8.95	-11.14	17.16	-439.54	-55.28	85.46	-272.85	57.51	90.77
7292	8.73	-10.72	17.16	-468.33	13.49	93.95	-305.35	0.05	96.45
7293	9.80	-11.08	17.16	-380.79	-148.08	56.03	-267.16	146.73	125.56
7294	9.51	-10.78	17.16	-426.31	-90.72	72.79	-289.31	78.29	104.80
7295	9.23	-10.48	17.16	-459.50	-28.77	80.81	-315.82	28.76	102.73
7296	8.26	-9.30	15.47	142.36	-48.15	398.84	-342.15	-438.24	296.49
7297	8.99	-9.27	15.47	38.24	-75.33	294.35	-306.88	-267.31	266.24
7298	9.73	-9.24	15.47	-35.47	-96.86	238.16	-274.11	-140.44	258.26
7299	8.36	-9.90	15.47	98.03	-51.80	394.93	-339.17	-373.36	306.49
7300	9.00	-9.81	15.47	17.61	-77.71	314.27	-302.18	-238.59	273.88
7301	9.64	-9.72	15.47	-42.18	-97.43	264.16	-270.21	-132.43	260.41
7302	8.45	-10.50	15.47	45.94	-60.09	394.81	-324.92	-301.65	301.22
7303	9.00	-10.35	15.47	-10.13	-81.71	332.93	-292.32	-202.57	274.67
7304	9.54	-10.20	15.47	-56.35	-98.47	290.30	-263.36	-116.95	259.33
7305	0.40	-9.53	15.47	612.20	-112.57	5830.95	28.42	-210.61	-677.35
7306	1.20	-9.53	15.47	335.61	-91.94	5877.53	177.05	-318.62	-572.41
7307	1.99	-9.52	15.47	143.96	-79.76	5901.47	133.20	-490.42	-352.62
7308	2.78	-9.50	15.47	92.13	-145.54	5680.29	133.31	-957.27	23.36
7309	3.58	-9.48	15.47	-81.78	-251.78	4715.10	13.86	-1532.17	405.34
7310	4.37	-9.46	15.47	-183.48	-114.86	3892.72	63.91	-1525.15	744.49
7311	5.15	-9.43	15.47	575.18	13.86	2881.97	-261.43	-1898.40	698.39
7312	5.94	-9.40	15.47	543.82	30.31	1671.50	-397.05	-1443.54	593.28
7313	6.72	-9.37	15.47	440.75	19.80	984.70	-414.68	-1024.09	454.65
7314	7.50	-9.33	15.47	280.73	-17.18	599.37	-378.85	-679.99	349.28
7315	0.41	-10.60	15.47	306.79	-584.24	6525.71	-46.02	-326.99	902.42
7316	1.24	-10.58	15.47	192.25	-505.10	6451.19	16.38	-531.08	1008.01
7317	2.06	-10.55	15.47	-36.45	-405.93	5977.91	15.89	-1042.87	1209.48
7318	2.88	-10.51	15.47	-150.49	-404.47	5440.64	210.32	-1253.04	1306.80
7319	3.69	-10.45	15.47	132.10	-525.27	4392.59	-107.27	-1908.44	1072.59
7320	4.49	-10.38	15.47	155.76	-219.52	3162.38	-384.64	-1680.11	1098.24
7321	5.29	-10.30	15.47	607.96	131.53	2183.00	-576.17	-1660.53	991.74
7322	6.08	-10.21	15.47	506.92	84.97	1306.57	-514.03	-1213.61	686.57
7323	6.87	-10.11	15.47	351.53	30.46	821.16	-447.76	-843.99	489.39
7324	7.65	-10.00	15.47	209.21	-17.44	545.08	-386.49	-566.58	367.28
7325	0.43	-11.67	15.47	32.93	-399.10	5495.30	-96.78	-336.68	2338.48
7326	1.28	-11.64	15.47	-59.93	-379.39	5323.77	-133.21	-651.03	2286.86

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]
7327	2.12	-11.59	15.47	-222.91	-381.59	4756.12	-271.93	-1151.29	2079.91
7328	2.96	-11.52	15.47	-93.00	63.99	4135.12	-413.13	-1316.76	2064.48
7329	3.79	-11.43	15.47	436.23	537.15	3360.38	-656.02	-1674.68	1951.54
7330	4.61	-11.31	15.47	441.53	390.95	2303.52	-702.17	-1521.63	1430.28
7331	5.42	-11.18	15.47	390.15	209.82	1521.71	-629.76	-1212.54	970.52
7332	6.22	-11.03	15.47	343.76	111.41	1020.72	-539.65	-923.55	670.87
7333	7.01	-10.86	15.47	233.56	29.30	700.95	-445.23	-657.48	475.18
7334	7.79	-10.67	15.47	124.65	-26.61	505.45	-372.90	-446.55	358.11
7335	0.44	-12.74	15.47	-49.95	1144.89	3428.68	-151.00	-267.71	2681.88
7336	1.31	-12.70	15.47	-76.73	1110.72	3309.05	-290.22	-541.49	2590.40
7337	2.18	-12.64	15.47	-63.51	1048.07	3048.61	-475.17	-826.25	2394.04
7338	3.03	-12.54	15.47	41.96	827.79	2523.85	-656.37	-1081.86	1971.73
7339	3.88	-12.41	15.47	116.81	572.48	1916.99	-665.87	-1069.42	1488.07
7340	4.72	-12.25	15.47	196.69	402.80	1456.70	-641.71	-977.96	1116.29
7341	5.54	-12.07	15.47	196.30	228.25	1094.48	-573.15	-825.02	808.13
7342	6.35	-11.85	15.47	154.59	95.54	816.90	-485.36	-645.95	576.14
7343	7.14	-11.61	15.47	97.97	11.16	617.51	-405.55	-475.61	422.13
7344	7.92	-11.34	15.47	31.54	-43.47	478.06	-339.78	-325.84	327.82
7345	0.45	-13.81	15.47	-282.30	885.23	1736.42	-115.01	-161.13	1570.84
7346	1.34	-13.77	15.47	-272.51	843.83	1680.03	-234.39	-314.75	1510.27
7347	2.22	-13.68	15.47	-243.99	749.74	1567.92	-359.12	-459.17	1384.89
7348	3.10	-13.56	15.47	-182.94	603.06	1418.50	-455.31	-559.78	1202.92
7349	3.96	-13.39	15.47	-103.07	428.10	1232.41	-499.19	-607.08	981.64
7350	4.81	-13.19	15.47	-53.05	265.01	1024.54	-483.42	-577.32	760.38
7351	5.65	-12.95	15.47	-24.91	139.25	838.41	-443.79	-505.45	577.82
7352	6.47	-12.68	15.47	-24.62	42.10	681.44	-389.88	-410.82	436.73
7353	7.27	-12.37	15.47	-43.38	-24.12	552.88	-334.81	-307.30	337.06
7354	8.04	-12.02	15.47	-70.99	-64.87	451.29	-287.53	-206.85	275.48
7355	0.45	-14.88	15.47	-464.47	333.51	1019.37	-60.95	-88.82	703.98
7356	1.36	-14.83	15.47	-456.34	311.61	998.62	-129.78	-157.92	678.17
7357	2.26	-14.73	15.47	-435.98	270.12	959.16	-195.71	-220.75	630.87
7358	3.15	-14.58	15.47	-398.58	209.32	899.47	-251.09	-271.80	561.76
7359	4.03	-14.38	15.47	-347.54	137.19	822.86	-285.12	-299.89	477.05
7360	4.89	-14.14	15.47	-292.44	67.17	734.74	-293.87	-300.15	388.42
7361	5.74	-13.85	15.47	-247.78	8.99	640.71	-282.24	-271.14	308.78
7362	6.57	-13.51	15.47	-216.21	-34.20	550.33	-261.05	-221.25	247.84
7363	7.38	-13.13	15.47	-198.40	-64.01	469.27	-236.46	-159.42	207.93
7364	8.16	-12.70	15.47	-191.55	-81.87	399.60	-213.81	-93.29	188.69
7365	11.87	-9.34	15.47	-163.71	-111.73	205.46	-181.55	136.59	320.53
7366	11.37	-10.00	15.47	-174.52	-107.72	224.43	-180.36	124.13	288.81
7367	10.84	-10.64	15.47	-184.88	-103.26	245.11	-178.95	105.09	255.92
7368	11.16	-9.29	15.47	-125.26	-119.66	207.08	-210.04	53.21	287.76
7369	10.80	-9.87	15.47	-130.40	-115.97	232.77	-209.30	43.64	272.95
7370	10.42	-10.43	15.47	-137.09	-111.12	258.56	-208.09	31.69	257.11
7371	10.45	-9.25	15.47	-87.56	-112.28	214.87	-241.48	-34.91	266.71
7372	10.24	-9.74	15.47	-89.98	-110.56	241.99	-239.43	-38.36	261.48
7373	10.01	-10.22	15.47	-94.63	-108.38	266.47	-236.84	-44.22	256.00
7374	8.90	-12.24	15.47	-190.31	-92.18	344.71	-196.44	-31.26	185.91
7375	8.74	-11.66	15.47	-96.75	-88.27	379.58	-252.74	-123.64	243.65
7376	8.57	-11.08	15.47	-20.02	-74.97	392.94	-295.19	-215.43	278.29
7377	9.58	-11.75	15.47	-190.08	-97.19	302.44	-185.84	23.14	200.19
7378	9.35	-11.29	15.47	-117.24	-100.12	328.56	-230.68	-58.68	236.84
7379	9.11	-10.84	15.47	-56.34	-92.10	339.25	-267.29	-140.05	259.39
7380	10.24	-11.22	15.47	-189.62	-100.44	268.54	-179.63	68.74	223.67
7381	9.94	-10.90	15.47	-133.56	-107.33	287.51	-214.45	-3.57	241.54
7382	9.64	-10.59	15.47	-86.50	-102.98	297.50	-245.70	-74.17	254.84
7383	8.59	-9.32	13.78	183.91	-193.96	638.31	-181.15	-476.31	289.64
7384	9.36	-9.29	13.78	130.40	-167.78	513.16	-167.19	-327.20	281.75
7385	10.12	-9.26	13.78	75.19	-142.47	440.50	-152.26	-204.38	284.43
7386	8.70	-9.96	13.78	155.73	-164.99	662.25	-206.38	-438.63	325.00
7387	9.37	-9.87	13.78	110.16	-148.25	559.83	-183.78	-315.40	302.88
7388	10.03	-9.77	13.78	64.41	-129.80	493.03	-163.25	-210.73	292.69
7389	8.80	-10.59	13.78	113.97	-135.95	687.88	-218.63	-391.18	339.20
7390	9.37	-10.44	13.78	80.78	-127.85	605.60	-193.82	-296.61	313.23
7391	9.94	-10.27	13.78	45.71	-116.03	546.59	-171.17	-210.72	295.43
7392	0.41	-9.57	13.78	-149.26	-604.60	4255.01	-57.86	-331.43	80.78
7393	1.24	-9.56	13.78	-147.13	-609.57	4121.41	-32.46	-482.91	101.65
7394	2.07	-9.55	13.78	-181.01	-604.31	3911.34	15.92	-680.96	169.17
7395	2.90	-9.54	13.78	-205.48	-561.41	3559.42	3.20	-894.15	243.01
7396	3.72	-9.52	13.78	-81.40	-473.60	3133.37	-15.88	-1033.95	305.14
7397	4.54	-9.49	13.78	63.21	-445.58	2587.04	-117.08	-1123.36	315.39
7398	5.36	-9.46	13.78	38.34	-396.50	2057.59	-126.85	-1053.68	337.47
7399	6.18	-9.43	13.78	182.93	-312.58	1598.58	-159.98	-1006.25	343.48
7400	6.99	-9.39	13.78	230.63	-261.30	1164.97	-184.65	-843.62	329.48
7401	7.81	-9.35	13.78	224.64	-223.15	846.80	-189.59	-653.47	304.36
7402	0.43	-10.71	13.78	-246.88	-555.46	4352.20	-74.96	-320.95	886.02
7403	1.29	-10.69	13.78	-256.25	-547.59	4168.99	-74.25	-561.26	876.13
7404	2.14	-10.66	13.78	-211.50	-506.82	3901.65	-93.02	-758.69	865.75
7405	2.99	-10.61	13.78	-153.61	-434.13	3484.37	-207.94	-979.95	818.87
7406	3.84	-10.55	13.78	-90.06	-316.92	2997.11	-212.34	-1065.04	773.81
7407	4.68	-10.48	13.78	69.96	-275.57	2480.23	-210.88	-1134.69	692.40
7408	5.51	-10.39	13.78	93.22	-284.61	1946.51	-238.52	-1060.35	605.75
7409	6.33	-10.30	13.78	196.47	-234.27	1489.00	-265.23	-956.94	519.51
7410	7.15	-10.19	13.78	220.28	-204.40	1105.50	-255.47	-778.87	430.54
7411	7.96	-10.06	13.78	196.99	-183.18	833.70	-231.23	-594.07	363.01
7412	0.44	-11.85	13.78	-333.19	-199.83	3844.94	-106.94	-294.52	1453.69
7413	1.33	-11.82	13.78	-310.75	-191.85	3670.20	-165.68	-548.30	1396.91
7414	2.21	-11.76	13.78	-224.34	-146.81	3408.31	-212.01	-736.74	1328.38
7415	3.08	-11.69	13.78	-165.80	-188.87	3045.32	-257.27	-907.01	1198.10
7416	3.95	-11.59	13.78	-146.97	-260.16	2605.61	-299.55	-993.95	1029.75
7417	4.80	-11.47	13.78	10.79	-199.96	2162.07	-332.00	-1029.97	890.60
7418	5.65	-11.33	13.78	115.82	-154.00	1719.30	-348.70	-963.99	744.57
7419	6.48	-11.17	13.78	159.10	-148.80	1338.07	-329.97	-832.58	596.95
7420	7.30	-10.98	13.78	168.11	-146.60	1041.65	-294.53	-675.56	475.52
7421	8.11	-10.78	13.78	146.07	-142.95	824.76	-252.72	-517.11	387.82
7422	0.46	-12.99	13.78	-410.32	32.17	3030.02	-111.63	-239.03	1615.09
7423	1.37	-12.95	13.78	-376.83	15.22	2913.79	-197.51	-449.82	1541.15
7424	2.27	-12.88	13.78	-321.83	-6.58	2706.37	-272.28	-629.84	1419.40
7425	3.16	-12.77	13.78	-240.20	11.26	2450.66	-323.41	-753.36	1289.92

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]
7426	4.04	-12.64	13.78	-127.13	24.13	2151.52	-383.55	-840.27	1134.06
7427	4.92	-12.47	13.78	-35.97	-13.11	1809.73	-399.62	-847.00	935.52
7428	5.77	-12.27	13.78	35.95	-48.54	1487.16	-382.04	-783.26	745.10
7429	6.62	-12.04	13.78	77.00	-76.43	1215.28	-345.60	-679.37	587.32
7430	7.45	-11.78	13.78	87.14	-96.65	997.19	-298.93	-557.53	465.26
7431	8.26	-11.49	13.78	76.07	-105.57	828.59	-252.04	-432.92	378.39
7432	0.47	-14.13	13.78	-453.58	316.97	2289.66	-96.93	-179.58	1399.24
7433	1.40	-14.08	13.78	-424.58	289.61	2227.04	-186.68	-334.91	1341.70
7434	2.32	-13.99	13.78	-373.29	247.61	2111.43	-264.84	-469.57	1241.57
7435	3.23	-13.86	13.78	-303.69	189.80	1942.18	-325.84	-572.00	1100.89
7436	4.13	-13.68	13.78	-225.39	126.48	1741.37	-357.96	-623.69	939.39
7437	5.02	-13.47	13.78	-144.44	66.53	1535.98	-365.41	-630.71	778.19
7438	5.89	-13.21	13.78	-79.76	10.72	1335.33	-346.93	-596.02	627.28
7439	6.75	-12.92	13.78	-35.73	-32.13	1150.97	-312.36	-528.88	498.89
7440	7.58	-12.59	13.78	-12.56	-60.43	990.58	-270.96	-443.11	399.42
7441	8.39	-12.22	13.78	-7.47	-75.53	855.75	-229.72	-349.84	328.92
7442	0.47	-15.27	13.78	-522.14	240.52	1946.71	-64.34	-134.01	852.47
7443	1.42	-15.22	13.78	-500.39	221.20	1912.05	-131.46	-236.39	819.19
7444	2.36	-15.11	13.78	-461.49	187.67	1845.50	-190.81	-327.20	760.50
7445	3.29	-14.95	13.78	-406.33	143.64	1749.86	-236.53	-398.53	681.06
7446	4.21	-14.74	13.78	-339.98	94.41	1628.72	-264.19	-444.00	587.82
7447	5.12	-14.48	13.78	-271.34	46.30	1489.25	-272.07	-458.29	490.87
7448	6.00	-14.16	13.78	-207.71	4.90	1342.16	-263.21	-442.87	400.77
7449	6.87	-13.80	13.78	-156.27	-27.00	1196.10	-242.06	-402.24	324.52
7450	7.71	-13.39	13.78	-119.77	-47.89	1057.87	-214.73	-343.16	266.84
7451	8.53	-12.94	13.78	-97.57	-58.56	932.27	-186.70	-273.33	229.31
7452	12.36	-9.36	13.78	-83.88	-40.82	446.25	-116.69	-51.25	314.90
7453	11.85	-10.07	13.78	-85.38	-44.09	507.79	-118.49	18.86	281.81
7454	11.29	-10.74	13.78	-87.17	-47.63	576.29	-121.77	-20.05	250.18
7455	11.62	-9.31	13.78	-31.79	-80.07	414.81	-126.54	-18.81	305.60
7456	11.25	-9.92	13.78	-34.14	-77.17	476.06	-132.96	-47.36	289.35
7457	10.86	-10.52	13.78	-39.23	-73.92	541.15	-139.32	-78.11	272.87
7458	10.88	-9.26	13.78	20.19	-113.02	412.06	-138.20	-100.98	294.40
7459	10.66	-9.79	13.78	15.49	-106.02	468.24	-146.65	-120.33	290.56
7460	10.43	-10.30	13.78	7.83	-98.37	524.32	-154.14	-141.51	285.57
7461	9.29	-12.45	13.78	-87.49	-61.80	823.46	-161.82	-202.30	210.25
7462	9.12	-11.83	13.78	-12.89	-81.22	752.13	-195.52	-265.11	285.85
7463	8.94	-11.22	13.78	55.79	-107.22	715.72	-215.08	-330.20	325.96
7464	10.00	-11.92	13.78	-84.21	-59.53	729.71	-142.93	-135.23	210.70
7465	9.75	-11.44	13.78	-22.36	-80.85	672.18	-170.54	-193.05	267.70
7466	9.50	-10.96	13.78	35.23	-104.81	640.75	-189.10	-253.20	300.37
7467	10.68	-11.36	13.78	-85.75	-54.00	648.22	-129.05	-73.86	223.56
7468	10.36	-11.02	13.78	-34.75	-76.10	604.34	-150.60	-127.72	262.21
7469	10.04	-10.69	13.78	13.05	-98.71	580.31	-167.72	-182.62	288.10
7470	8.93	-9.34	12.09	130.69	-201.56	743.73	-93.76	-396.50	229.07
7471	9.73	-9.31	12.09	109.65	-162.79	648.42	-90.49	-294.42	236.55
7472	10.52	-9.27	12.09	79.12	-126.19	592.42	-87.47	-203.74	247.64
7473	9.04	-10.02	12.09	114.48	-163.89	812.41	-123.18	-388.89	269.79
7474	9.74	-9.92	12.09	95.88	-136.67	728.11	-112.28	-301.00	260.19
7475	10.43	-9.82	12.09	70.75	-109.57	671.88	-102.51	-221.73	257.06
7476	9.15	-10.69	12.09	89.20	-124.24	883.52	-143.65	-372.03	291.15
7477	9.75	-10.53	12.09	75.96	-109.42	809.48	-128.84	-301.54	273.71
7478	10.33	-10.35	12.09	57.44	-91.89	754.24	-115.52	-234.57	261.63
7479	0.43	-9.60	12.09	-289.07	-539.59	3046.33	-62.41	-265.85	180.06
7480	1.29	-9.60	12.09	-265.60	-531.61	2937.18	-51.74	-419.88	180.22
7481	2.15	-9.59	12.09	-228.82	-511.56	2759.58	-55.96	-554.58	187.00
7482	3.01	-9.57	12.09	-169.69	-483.89	2532.32	-58.87	-659.08	197.72
7483	3.86	-9.55	12.09	-119.37	-456.60	2255.64	-72.94	-737.65	206.12
7484	4.72	-9.52	12.09	-54.71	-408.83	1951.92	-70.29	-774.48	219.19
7485	5.57	-9.49	12.09	41.91	-365.17	1636.50	-86.81	-765.73	224.23
7486	6.42	-9.46	12.09	80.65	-329.65	1340.73	-93.48	-697.59	222.83
7487	7.27	-9.42	12.09	119.76	-285.11	1093.68	-96.12	-612.07	221.63
7488	8.11	-9.38	12.09	135.46	-242.09	890.72	-95.89	-505.85	222.52
7489	0.45	-10.81	12.09	-339.48	-443.77	3131.87	-77.59	-257.57	645.56
7490	1.34	-10.79	12.09	-301.28	-435.63	3018.55	-95.36	-425.78	621.19
7491	2.23	-10.76	12.09	-261.19	-419.15	2827.19	-115.30	-576.17	588.77
7492	3.11	-10.71	12.09	-199.09	-395.88	2578.30	-116.73	-687.05	556.94
7493	3.99	-10.65	12.09	-120.14	-375.79	2285.21	-141.08	-761.77	516.35
7494	4.86	-10.57	12.09	-56.01	-341.20	1967.98	-161.59	-782.86	463.89
7495	5.72	-10.48	12.09	31.00	-293.72	1659.57	-162.59	-759.63	408.80
7496	6.58	-10.38	12.09	75.62	-260.55	1376.60	-157.05	-689.16	360.50
7497	7.43	-10.26	12.09	110.11	-225.98	1138.36	-148.94	-598.27	319.68
7498	8.28	-10.13	12.09	121.44	-193.29	945.75	-135.98	-490.75	287.15
7499	0.46	-12.02	12.09	-376.12	-252.08	2933.64	-85.44	-232.69	989.65
7500	1.38	-11.99	12.09	-337.45	-252.34	2835.66	-125.50	-400.26	951.17
7501	2.29	-11.94	12.09	-293.07	-253.35	2666.25	-164.30	-547.56	889.55
7502	3.20	-11.86	12.09	-222.99	-233.40	2438.37	-198.56	-659.11	811.29
7503	4.10	-11.75	12.09	-130.13	-202.50	2175.53	-217.04	-721.56	723.22
7504	4.99	-11.63	12.09	-65.56	-198.39	1897.93	-224.44	-733.98	625.47
7505	5.87	-11.48	12.09	0.63	-190.96	1629.38	-218.95	-708.77	530.34
7506	6.74	-11.30	12.09	53.74	-175.10	1382.63	-206.92	-646.29	446.53
7507	7.59	-11.11	12.09	84.11	-158.72	1171.01	-187.39	-558.87	376.53
7508	8.44	-10.89	12.09	93.80	-140.89	1000.07	-164.01	-459.57	322.60
7509	0.47	-13.23	12.09	-396.28	1.75	2609.79	-85.74	-200.27	1109.28
7510	1.42	-13.19	12.09	-363.26	-7.65	2534.63	-143.44	-352.26	1064.84
7511	2.36	-13.12	12.09	-310.24	-17.61	2405.86	-191.55	-479.75	993.94
7512	3.29	-13.01	12.09	-245.64	-40.44	2230.64	-230.73	-576.73	895.75
7513	4.21	-12.86	12.09	-177.33	-64.82	2024.70	-249.42	-632.54	782.95
7514	5.12	-12.68	12.09	-102.38	-75.42	1809.52	-256.70	-649.50	672.00
7515	6.01	-12.47	12.09	-36.83	-84.03	1595.48	-250.37	-629.75	565.27
7516	6.89	-12.23	12.09	12.06	-90.84	1394.88	-231.73	-577.99	468.39
7517	7.75	-11.95	12.09	42.39	-93.24	1218.22	-205.95	-504.46	388.06
7518	8.59	-11.65	12.09	54.58	-90.25	1069.58	-177.41	-419.80	327.16
7519	0.49	-14.44	12.09	-411.90	155.69	2368.93	-74.89	-168.55	1003.68
7520	1.45	-14.39	12.09	-384.76	139.94	2318.54	-135.39	-292.40	963.90
7521	2.41	-14.30	12.09	-340.08	116.09	2227.69	-186.45	-398.51	898.00
7522	3.37	-14.16	12.09	-281.45	89.18	2105.60	-224.00	-479.17	814.25
7523	4.31	-13.98	12.09	-214.66	59.18	1958.93	-247.97	-531.90	717.83
7524	5.23	-13.75	12.09	-149.03	26.63	1794.85	-255.03	-551.83	614.74

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]
7525	6.14	-13.47	12.09	-89.53	-2.44	1626.09	-247.46	-540.38	515.39
7526	7.03	-13.16	12.09	-42.12	-25.70	1462.49	-228.57	-503.10	427.26
7527	7.90	-12.81	12.09	-9.71	-41.82	1310.49	-202.88	-446.67	354.79
7528	8.74	-12.41	12.09	7.77	-50.34	1173.81	-175.11	-378.52	300.21
7529	0.50	-15.66	12.09	-414.20	192.21	2418.53	-57.00	-145.50	771.95
7530	1.48	-15.60	12.09	-393.63	177.34	2382.10	-109.31	-243.41	743.30
7531	2.47	-15.48	12.09	-358.09	153.28	2312.68	-154.24	-329.53	695.29
7532	3.44	-15.31	12.09	-310.73	122.33	2213.01	-188.55	-398.29	631.65
7533	4.40	-15.09	12.09	-255.93	87.96	2088.52	-209.85	-444.77	558.24
7534	5.34	-14.81	12.09	-198.80	53.74	1946.24	-217.82	-467.00	481.53
7535	6.27	-14.48	12.09	-145.31	22.59	1793.11	-213.34	-464.74	407.39
7536	7.17	-14.10	12.09	-99.85	-2.60	1636.27	-199.16	-440.36	341.47
7537	8.04	-13.66	12.09	-65.29	-20.45	1481.99	-178.92	-398.28	287.92
7538	8.89	-13.18	12.09	-42.28	-30.85	1334.95	-156.50	-343.79	248.90
7539	12.84	-9.38	12.09	-38.97	-14.20	645.52	-86.22	-21.38	283.98
7540	12.32	-10.13	12.09	-35.04	-18.77	745.66	-89.37	-63.51	257.62
7541	11.75	-10.85	12.09	-32.16	-23.22	853.23	-94.60	-109.86	235.21
7542	12.07	-9.33	12.09	2.65	-50.66	598.63	-86.08	-66.13	272.89
7543	11.70	-9.98	12.09	3.41	-48.17	691.90	-94.23	-104.03	259.62
7544	11.30	-10.61	12.09	1.48	-45.50	790.38	-102.59	-142.98	247.85
7545	11.30	-9.28	12.09	42.03	-87.85	578.32	-86.12	-125.76	261.02
7546	11.08	-9.83	12.09	39.06	-79.38	661.42	-97.20	-154.27	258.45
7547	10.85	-10.38	12.09	33.32	-70.65	746.39	-107.35	-183.67	255.56
7548	9.68	-12.66	12.09	-30.83	-34.75	1199.66	-135.18	-284.19	224.48
7549	9.49	-12.00	12.09	13.09	-52.91	1060.25	-150.14	-311.61	264.79
7550	9.30	-11.36	12.09	53.77	-84.73	962.04	-153.43	-343.83	288.36
7551	10.42	-12.10	12.09	-26.76	-34.06	1075.87	-117.62	-223.94	216.15
7552	10.15	-11.59	12.09	11.66	-52.12	965.48	-130.41	-250.85	248.00
7553	9.88	-11.08	12.09	46.99	-79.06	885.34	-135.24	-282.71	268.31
7554	11.12	-11.50	12.09	-28.55	-29.55	961.94	-103.55	-165.38	219.39
7555	10.78	-11.14	12.09	4.96	-47.68	880.24	-113.80	-192.85	241.59
7556	10.45	-10.79	12.09	35.79	-71.58	820.10	-119.61	-224.27	258.34
7557	9.26	-9.36	10.41	88.20	-166.80	778.38	-56.68	-306.68	163.12
7558	10.09	-9.32	10.41	78.36	-133.26	719.29	-58.24	-239.71	178.18
7559	10.91	-9.29	10.41	60.25	-102.31	687.24	-61.33	-179.26	195.45
7560	9.39	-10.08	10.41	77.66	-131.89	884.42	-82.71	-317.69	201.25
7561	10.11	-9.97	10.41	69.53	-108.84	825.59	-78.36	-258.80	201.29
7562	10.83	-9.86	10.41	54.98	-86.53	786.16	-75.26	-204.56	205.85
7563	9.50	-10.79	10.41	62.34	-95.81	994.23	-102.78	-322.06	226.16
7564	10.12	-10.62	10.41	57.06	-84.12	934.69	-94.59	-273.44	217.86
7565	10.73	-10.43	10.41	46.96	-70.24	888.04	-88.10	-226.21	213.73
7566	0.45	-9.64	10.41	-267.95	-429.60	2253.57	-58.63	-215.16	135.87
7567	1.34	-9.63	10.41	-241.66	-425.43	2178.94	-58.40	-323.93	128.16
7568	2.23	-9.62	10.41	-203.73	-414.10	2061.54	-56.33	-416.95	124.48
7569	3.12	-9.60	10.41	-159.13	-396.37	1906.34	-56.58	-490.19	123.72
7570	4.01	-9.58	10.41	-103.78	-371.03	1725.16	-55.66	-535.90	125.59
7571	4.89	-9.56	10.41	-47.84	-343.59	1531.35	-59.39	-551.37	126.77
7572	5.78	-9.52	10.41	-2.00	-310.51	1338.75	-58.67	-539.25	129.00
7573	6.66	-9.49	10.41	44.35	-273.31	1158.25	-58.69	-503.65	133.58
7574	7.54	-9.44	10.41	72.00	-237.45	999.35	-57.86	-445.69	140.07
7575	8.41	-9.40	10.41	86.50	-201.20	871.30	-56.71	-377.34	149.03
7576	0.46	-10.92	10.41	-294.66	-332.17	2384.47	-65.54	-204.78	444.37
7577	1.39	-10.90	10.41	-268.52	-329.88	2310.71	-80.21	-325.24	425.72
7578	2.31	-10.86	10.41	-225.48	-320.29	2188.89	-91.75	-426.44	401.95
7579	3.22	-10.81	10.41	-173.91	-304.73	2028.65	-104.69	-502.97	371.68
7580	4.13	-10.75	10.41	-117.79	-282.87	1842.15	-109.78	-550.17	337.67
7581	5.04	-10.67	10.41	-57.07	-259.48	1644.48	-110.75	-565.41	304.74
7582	5.94	-10.57	10.41	-8.39	-236.76	1448.29	-110.43	-550.87	273.07
7583	6.83	-10.46	10.41	35.35	-210.11	1266.42	-105.66	-511.94	244.03
7584	7.71	-10.34	10.41	62.51	-183.49	1107.21	-98.05	-453.11	221.26
7585	8.59	-10.20	10.41	76.12	-156.49	976.75	-89.51	-384.36	206.17
7586	0.48	-12.20	10.41	-310.61	-172.01	2376.11	-69.21	-189.78	667.18
7587	1.43	-12.17	10.41	-284.77	-174.62	2311.99	-98.82	-309.70	639.71
7588	2.38	-12.11	10.41	-241.19	-172.77	2202.02	-123.06	-410.76	598.36
7589	3.32	-12.03	10.41	-188.51	-170.94	2057.11	-140.14	-485.47	546.87
7590	4.26	-11.92	10.41	-133.38	-168.75	1888.05	-151.79	-532.64	488.34
7591	5.18	-11.78	10.41	-73.27	-159.19	1707.33	-155.47	-549.27	427.74
7592	6.09	-11.62	10.41	-22.06	-148.36	1527.57	-152.19	-535.80	369.67
7593	7.00	-11.44	10.41	18.23	-137.08	1359.83	-142.47	-499.26	317.82
7594	7.89	-11.23	10.41	45.76	-123.90	1210.66	-129.44	-445.41	275.27
7595	8.76	-11.00	10.41	59.53	-109.17	1084.10	-114.95	-381.04	243.45
7596	0.49	-13.48	10.41	-316.49	-4.36	2320.76	-67.36	-172.30	763.71
7597	1.47	-13.44	10.41	-292.05	-12.33	2271.22	-106.14	-281.84	733.82
7598	2.45	-13.36	10.41	-253.21	-22.88	2183.15	-139.10	-375.78	685.76
7599	3.41	-13.24	10.41	-203.12	-32.18	2064.27	-162.82	-447.29	624.92
7600	4.37	-13.09	10.41	-146.88	-41.11	1923.89	-177.59	-492.67	556.09
7601	5.31	-12.90	10.41	-92.99	-51.94	1771.08	-181.47	-510.66	483.63
7602	6.24	-12.68	10.41	-44.45	-60.55	1616.08	-176.44	-503.02	414.05
7603	7.16	-12.42	10.41	-5.00	-65.64	1466.84	-164.76	-473.89	352.07
7604	8.05	-12.13	10.41	22.51	-67.22	1328.96	-148.70	-428.36	300.56
7605	8.93	-11.80	10.41	37.46	-64.94	1206.03	-131.03	-372.19	261.37
7606	0.50	-14.76	10.41	-310.92	125.30	2339.70	-60.35	-156.07	745.15
7607	1.51	-14.71	10.41	-290.36	113.92	2302.63	-102.19	-251.91	717.91
7608	2.51	-14.61	10.41	-256.36	96.73	2234.30	-137.57	-335.12	673.70
7609	3.50	-14.46	10.41	-212.90	74.50	2138.79	-164.16	-400.72	615.75
7610	4.48	-14.27	10.41	-164.39	50.21	2022.41	-179.92	-444.67	549.44
7611	5.44	-14.02	10.41	-114.93	27.13	1892.52	-185.41	-466.07	480.71
7612	6.39	-13.74	10.41	-69.70	6.31	1755.41	-181.56	-465.58	414.08
7613	7.31	-13.40	10.41	-32.26	-10.89	1617.14	-170.34	-445.52	353.65
7614	8.22	-13.03	10.41	-4.78	-23.42	1482.79	-154.42	-409.83	302.74
7615	9.09	-12.61	10.41	11.85	-31.03	1355.75	-136.67	-363.11	263.32
7616	0.52	-16.04	10.41	-295.84	166.63	2526.61	-49.80	-145.26	683.81
7617	1.55	-15.98	10.41	-279.89	155.05	2495.94	-88.67	-229.13	660.96
7618	2.57	-15.86	10.41	-252.70	136.58	2436.14	-122.11	-303.38	623.56
7619	3.58	-15.68	10.41	-216.85	113.20	2350.33	-147.79	-363.77	574.68
7620	4.58	-15.44	10.41	-175.82	87.00	2242.40	-164.39	-407.27	517.96
7621	5.57	-15.15	10.41	-133.54	60.33	2117.01	-171.47	-431.92	457.50
7622	6.53	-14.80	10.41	-93.65	35.69	1979.57	-169.81	-437.56	397.82
7623	7.46	-14.39	10.41	-59.37	14.81	1835.32	-161.12	-425.54	342.86

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]
7624	8.37	-13.93	10.41	-32.81	-1.25	1688.95	-147.75	-398.46	295.76
7625	9.25	-13.42	10.41	-14.66	-12.24	1544.19	-132.26	-359.74	258.73
7626	13.33	-9.40	10.41	-22.29	-16.29	767.49	-80.08	-70.75	252.02
7627	12.79	-10.19	10.41	-16.10	-17.67	891.43	-82.90	-116.44	233.17
7628	12.21	-10.95	10.41	-10.58	-18.85	1020.22	-87.13	-163.96	220.17
7629	12.53	-9.35	10.41	7.37	-42.65	719.22	-73.52	-93.16	233.39
7630	12.15	-10.04	10.41	10.38	-38.81	832.28	-80.33	-134.61	224.55
7631	11.74	-10.70	10.41	11.13	-35.00	949.10	-87.45	-175.92	219.00
7632	11.72	-9.30	10.41	35.54	-71.24	689.08	-66.88	-128.57	214.78
7633	11.50	-9.88	10.41	34.80	-62.55	789.50	-76.70	-161.55	214.66
7634	11.27	-10.45	10.41	31.55	-53.98	891.73	-85.73	-194.61	215.73
7635	10.07	-12.86	10.41	-5.88	-18.17	1405.37	-117.22	-314.30	232.44
7636	9.87	-12.18	10.41	18.37	-34.28	1243.97	-120.30	-314.31	236.66
7637	9.66	-11.49	10.41	41.46	-61.03	1111.28	-116.20	-319.19	236.45
7638	10.83	-12.27	10.41	-3.24	-21.10	1273.19	-104.46	-265.29	218.41
7639	10.55	-11.74	10.41	18.97	-35.75	1145.31	-107.01	-267.51	222.92
7640	10.27	-11.20	10.41	39.70	-57.58	1039.08	-104.68	-274.73	223.92
7641	11.56	-11.64	10.41	-5.81	-20.76	1146.52	-94.00	-215.16	214.23
7642	11.20	-11.27	10.41	14.58	-34.52	1052.64	-95.71	-220.87	217.21
7643	10.85	-10.90	10.41	33.60	-53.53	974.40	-94.78	-230.81	218.60
7644	9.60	-9.38	8.72	57.85	-132.72	781.57	-44.25	-236.82	104.71
7645	10.46	-9.34	8.72	51.25	-109.87	748.82	-49.58	-193.96	124.04
7646	11.31	-9.30	8.72	38.83	-90.24	734.53	-57.07	-156.52	145.53
7647	9.73	-10.14	8.72	50.59	-104.47	910.87	-65.59	-259.39	140.82
7648	10.48	-10.03	8.72	45.49	-89.74	870.91	-66.11	-220.96	147.34
7649	11.22	-9.91	8.72	35.53	-76.32	843.85	-68.12	-185.91	157.53
7650	9.86	-10.89	8.72	41.03	-75.86	1043.30	-82.99	-277.63	169.52
7651	10.50	-10.70	8.72	37.78	-69.84	994.91	-79.91	-244.91	167.58
7652	11.13	-10.51	8.72	31.17	-62.18	954.92	-78.96	-212.95	169.17
7653	0.46	-9.67	8.72	-206.46	-323.00	1721.19	-51.45	-175.11	58.81
7654	1.39	-9.67	8.72	-185.50	-320.30	1672.42	-50.56	-250.20	52.57
7655	2.31	-9.66	8.72	-155.76	-312.07	1594.29	-49.50	-313.66	48.33
7656	3.23	-9.64	8.72	-118.76	-298.56	1493.28	-47.77	-360.97	46.22
7657	4.15	-9.62	8.72	-79.24	-280.96	1376.77	-46.34	-389.93	46.08
7658	5.07	-9.59	8.72	-39.82	-259.28	1252.79	-43.91	-399.74	48.66
7659	5.99	-9.55	8.72	-2.99	-235.33	1129.93	-42.39	-390.41	53.89
7660	6.90	-9.51	8.72	25.09	-209.87	1016.14	-40.99	-364.84	61.76
7661	7.81	-9.47	8.72	45.71	-183.05	917.48	-40.53	-327.70	72.72
7662	8.72	-9.42	8.72	56.13	-156.72	837.58	-41.40	-282.84	86.64
7663	0.48	-11.02	8.72	-223.57	-232.96	1903.26	-55.49	-170.09	280.87
7664	1.44	-11.01	8.72	-202.20	-232.18	1855.58	-65.49	-252.75	267.32
7665	2.39	-10.97	8.72	-171.19	-227.20	1776.21	-73.70	-322.82	249.49
7666	3.34	-10.92	8.72	-132.59	-218.42	1671.56	-78.65	-375.67	229.16
7667	4.28	-10.85	8.72	-90.20	-206.68	1550.13	-81.67	-408.01	207.82
7668	5.22	-10.76	8.72	-49.37	-192.07	1420.59	-82.09	-419.67	186.46
7669	6.16	-10.66	8.72	-11.57	-174.95	1291.79	-79.74	-411.38	167.43
7670	7.08	-10.54	8.72	17.67	-157.13	1171.06	-76.08	-386.21	152.45
7671	8.00	-10.41	8.72	38.29	-138.62	1064.13	-71.74	-348.75	142.32
7672	8.90	-10.26	8.72	48.65	-120.31	974.37	-67.66	-303.40	137.90
7673	0.49	-12.37	8.72	-231.20	-112.90	2011.22	-57.01	-162.24	447.00
7674	1.48	-12.34	8.72	-210.93	-115.56	1969.38	-76.55	-246.34	428.26
7675	2.47	-12.28	8.72	-180.35	-116.93	1897.06	-92.72	-318.03	400.64
7676	3.44	-12.20	8.72	-142.10	-116.29	1799.92	-104.65	-373.03	366.19
7677	4.41	-12.08	8.72	-99.73	-113.66	1685.68	-111.17	-407.68	328.01
7678	5.37	-11.94	8.72	-59.01	-110.43	1562.54	-112.81	-421.69	289.22
7679	6.32	-11.77	8.72	-22.12	-105.57	1438.08	-110.13	-416.54	252.60
7680	7.26	-11.57	8.72	7.33	-99.15	1318.73	-104.43	-394.61	220.66
7681	8.18	-11.35	8.72	27.62	-91.59	1209.56	-96.88	-360.13	195.28
7682	9.09	-11.11	8.72	38.22	-83.03	1113.59	-89.05	-317.46	177.50
7683	0.51	-13.73	8.72	-229.11	9.49	2103.70	-55.33	-153.43	540.84
7684	1.53	-13.68	8.72	-211.27	3.09	2069.78	-81.52	-234.10	520.12
7685	2.54	-13.60	8.72	-182.85	-4.85	2008.20	-103.34	-303.76	488.06
7686	3.54	-13.48	8.72	-147.22	-14.24	1923.67	-119.53	-358.11	447.28
7687	4.53	-13.32	8.72	-108.22	-23.94	1822.01	-129.11	-394.54	401.20
7688	5.51	-13.12	8.72	-69.10	-32.38	1709.71	-132.43	-412.06	353.63
7689	6.48	-12.88	8.72	-33.95	-39.47	1592.87	-130.06	-411.47	307.89
7690	7.43	-12.61	8.72	-5.56	-44.80	1476.91	-123.39	-395.07	266.89
7691	8.36	-12.30	8.72	14.50	-48.01	1365.99	-114.23	-366.22	232.88
7692	9.27	-11.96	8.72	25.61	-48.97	1262.79	-104.46	-328.65	207.37
7693	0.52	-15.08	8.72	-218.53	100.39	2243.44	-50.66	-146.14	579.99
7694	1.57	-15.02	8.72	-203.60	91.62	2216.25	-79.59	-221.13	560.05
7695	2.61	-14.92	8.72	-179.26	78.68	2163.82	-104.26	-287.12	528.42
7696	3.64	-14.76	8.72	-148.00	63.00	2089.50	-122.93	-340.26	487.76
7697	4.65	-14.56	8.72	-113.04	45.81	1997.46	-134.83	-378.07	441.18
7698	5.65	-14.30	8.72	-78.02	28.27	1892.32	-139.75	-399.31	392.01
7699	6.64	-14.00	8.72	-45.92	11.92	1778.93	-138.48	-404.24	343.76
7700	7.60	-13.64	8.72	-19.23	-2.18	1661.67	-132.46	-394.38	299.44
7701	8.53	-13.25	8.72	0.36	-13.50	1544.12	-123.46	-372.13	261.36
7702	9.44	-12.81	8.72	12.08	-22.01	1428.95	-113.45	-340.43	231.12
7703	0.54	-16.43	8.72	-199.95	146.86	2466.18	-44.41	-142.34	614.11
7704	1.61	-16.36	8.72	-188.25	137.51	2442.61	-73.23	-212.76	595.45
7705	2.67	-16.24	8.72	-168.52	123.02	2394.34	-98.24	-275.84	565.40
7706	3.73	-16.05	8.72	-142.79	104.56	2323.58	-117.81	-328.33	526.01
7707	4.77	-15.80	8.72	-113.57	83.80	2233.35	-130.94	-367.78	480.05
7708	5.79	-15.48	8.72	-83.57	62.50	2127.19	-137.47	-392.81	430.64
7709	6.79	-15.11	8.72	-55.50	42.13	2008.86	-137.94	-403.09	380.89
7710	7.76	-14.68	8.72	-31.54	23.89	1882.07	-133.51	-399.30	333.70
7711	8.71	-14.20	8.72	-13.22	8.54	1750.25	-125.81	-382.98	291.55
7712	9.62	-13.66	8.72	-1.09	-3.86	1616.22	-116.63	-356.38	256.44
7713	13.81	-9.42	8.72	-23.06	-41.92	828.91	-93.12	-103.46	222.51
7714	13.27	-10.26	8.72	-12.73	-37.62	962.49	-91.37	-151.16	208.09
7715	12.67	-11.05	8.72	-6.24	-31.91	1097.18	-92.74	-196.95	200.98
7716	12.98	-9.37	8.72	0.75	-55.24	782.59	-79.96	-112.06	195.19
7717	12.59	-10.09	8.72	5.83	-48.80	903.25	-83.37	-153.40	189.90
7718	12.17	-10.79	8.72	7.86	-41.46	1026.29	-87.34	-193.75	189.43
7719	12.15	-9.31	8.72	21.92	-71.73	746.98	-67.85	-128.25	169.92
7720	11.93	-9.93	8.72	22.28	-62.29	855.27	-74.66	-162.31	172.43
7721	11.68	-10.53	8.72	20.61	-53.04	964.60	-81.00	-196.25	177.50
7722	10.47	-13.07	8.72	3.69	-12.80	1483.89	-107.93	-322.64	229.27

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]
7723	10.25	-12.35	8.72	16.12	-27.48	1323.53	-104.39	-305.30	209.69
7724	10.03	-11.63	8.72	28.60	-48.67	1179.23	-96.72	-291.90	191.40
7725	11.25	-12.45	8.72	3.74	-20.61	1354.45	-100.83	-283.80	211.45
7726	10.95	-11.88	8.72	15.77	-32.50	1227.00	-97.26	-269.79	197.40
7727	10.65	-11.32	8.72	27.49	-48.90	1112.27	-90.88	-260.09	183.69
7728	12.00	-11.78	8.72	-0.52	-26.45	1227.13	-95.50	-242.21	202.02
7729	11.63	-11.39	8.72	11.48	-36.13	1133.68	-91.54	-233.05	191.55
7730	11.26	-11.00	8.72	23.05	-49.85	1049.88	-86.27	-227.81	181.19
7731	9.94	-9.40	7.03	33.73	-107.72	764.78	-44.29	-190.32	54.85
7732	10.82	-9.36	7.03	26.62	-96.77	749.51	-53.08	-163.88	75.96
7733	11.70	-9.32	7.03	16.24	-90.48	746.45	-64.48	-142.01	98.93
7734	10.07	-10.20	7.03	28.50	-86.43	906.39	-61.47	-220.74	90.69
7735	10.85	-10.08	7.03	22.67	-80.97	879.04	-66.22	-196.10	100.42
7736	11.62	-9.96	7.03	13.56	-77.92	860.01	-72.67	-173.90	113.05
7737	10.21	-10.99	7.03	22.86	-65.23	1049.19	-76.11	-248.19	122.94
7738	10.87	-10.79	7.03	18.43	-65.65	1008.73	-77.43	-226.20	123.96
7739	11.52	-10.59	7.03	11.99	-65.40	973.56	-81.35	-204.49	127.99
7740	0.48	-9.71	7.03	-143.10	-230.65	1352.78	-44.54	-146.13	-15.26
7741	1.43	-9.70	7.03	-127.24	-229.08	1321.23	-43.27	-196.66	-19.68
7742	2.39	-9.69	7.03	-105.05	-223.54	1270.80	-41.41	-239.03	-22.08
7743	3.34	-9.67	7.03	-78.83	-214.48	1205.59	-39.33	-270.59	-22.21
7744	4.30	-9.65	7.03	-50.75	-202.27	1130.76	-37.08	-289.62	-19.77
7745	5.25	-9.62	7.03	-23.55	-187.66	1052.02	-35.27	-295.54	-14.64
7746	6.20	-9.58	7.03	0.06	-171.24	974.85	-33.94	-289.33	-6.65
7747	7.14	-9.54	7.03	18.68	-153.92	904.10	-33.76	-272.72	4.36
7748	8.08	-9.50	7.03	30.32	-136.78	843.64	-35.11	-248.34	18.30
7749	9.02	-9.44	7.03	35.02	-120.61	796.06	-38.48	-219.52	34.93
7750	0.50	-11.13	7.03	-154.61	-155.79	1572.39	-47.34	-145.09	159.73
7751	1.48	-11.11	7.03	-138.99	-156.05	1541.63	-53.70	-202.95	150.26
7752	2.47	-11.07	7.03	-116.24	-153.59	1489.50	-58.52	-252.11	138.55
7753	3.45	-11.02	7.03	-88.85	-148.66	1420.48	-61.76	-289.42	125.51
7754	4.43	-10.95	7.03	-59.60	-141.56	1339.91	-63.13	-313.12	112.30
7755	5.41	-10.86	7.03	-31.11	-132.85	1253.67	-62.97	-322.49	100.32
7756	6.37	-10.75	7.03	-6.49	-123.12	1167.35	-61.84	-318.49	90.60
7757	7.33	-10.63	7.03	12.66	-112.75	1085.82	-60.28	-303.07	84.12
7758	8.28	-10.49	7.03	24.71	-102.51	1012.74	-59.19	-278.95	81.64
7759	9.22	-10.33	7.03	29.49	-93.05	950.45	-59.32	-249.43	83.55
7760	0.51	-12.55	7.03	-157.91	-65.73	1750.25	-48.28	-142.72	300.34
7761	1.53	-12.52	7.03	-143.26	-68.59	1722.80	-61.25	-203.89	287.19
7762	2.55	-12.46	7.03	-121.28	-70.73	1673.66	-71.93	-256.63	268.31
7763	3.56	-12.37	7.03	-94.38	-72.18	1606.86	-79.58	-297.60	245.34
7764	4.57	-12.24	7.03	-65.52	-72.86	1527.29	-84.10	-324.97	220.19
7765	5.56	-12.09	7.03	-37.36	-72.51	1440.20	-85.57	-338.01	194.86
7766	6.54	-11.92	7.03	-12.82	-71.39	1350.68	-84.60	-337.38	171.36
7767	7.51	-11.71	7.03	6.18	-69.67	1263.09	-82.07	-324.96	151.33
7768	8.47	-11.48	7.03	18.34	-67.64	1180.70	-79.15	-303.24	136.03
7769	9.41	-11.22	7.03	23.23	-65.64	1105.75	-76.93	-275.08	126.12
7770	0.53	-13.97	7.03	-153.61	20.15	1921.04	-47.10	-140.16	401.24
7771	1.58	-13.93	7.03	-140.58	14.81	1897.80	-64.74	-201.62	386.24
7772	2.63	-13.84	7.03	-120.55	7.96	1853.54	-79.64	-255.48	363.51
7773	3.67	-13.71	7.03	-95.68	0.22	1791.38	-90.81	-298.65	334.88
7774	4.70	-13.54	7.03	-68.59	-7.89	1715.30	-97.85	-329.07	302.61
7775	5.71	-13.33	7.03	-42.16	-15.96	1629.59	-100.84	-345.98	269.12
7776	6.72	-13.09	7.03	-18.77	-23.44	1538.45	-100.47	-349.74	236.74
7777	7.70	-12.80	7.03	-0.41	-30.05	1445.58	-97.77	-341.72	207.51
7778	8.66	-12.47	7.03	11.64	-35.81	1353.93	-94.01	-324.00	183.02
7779	9.60	-12.11	7.03	16.91	-40.96	1265.56	-90.63	-299.01	164.51
7780	0.54	-15.39	7.03	-142.67	86.27	2114.41	-44.16	-138.64	476.58
7781	1.63	-15.34	7.03	-131.77	79.26	2094.69	-64.38	-199.10	461.07
7782	2.70	-15.23	7.03	-114.51	69.21	2054.30	-81.78	-253.00	436.97
7783	3.77	-15.06	7.03	-92.78	56.82	1995.54	-95.27	-297.57	405.97
7784	4.83	-14.85	7.03	-68.85	43.05	1921.37	-104.29	-330.83	370.27
7785	5.86	-14.58	7.03	-45.06	28.90	1835.15	-108.90	-351.77	332.30
7786	6.88	-14.26	7.03	-23.68	15.12	1740.24	-109.65	-360.35	294.44
7787	7.88	-13.89	7.03	-6.50	2.23	1639.80	-107.55	-357.38	258.82
7788	8.85	-13.47	7.03	5.28	-9.50	1536.52	-103.92	-344.38	227.28
7789	9.79	-13.00	7.03	11.07	-20.33	1432.48	-100.21	-323.24	201.19
7790	0.56	-16.81	7.03	-126.08	130.73	2338.12	-40.45	-139.22	556.46
7791	1.67	-16.75	7.03	-117.49	122.95	2320.67	-61.87	-199.06	540.63
7792	2.78	-16.61	7.03	-103.47	111.24	2282.18	-80.64	-253.36	515.48
7793	3.87	-16.41	7.03	-85.47	96.44	2224.29	-95.66	-299.60	482.57
7794	4.95	-16.15	7.03	-65.30	79.60	2149.17	-106.32	-335.85	443.87
7795	6.01	-15.82	7.03	-44.94	61.81	2059.38	-112.49	-360.90	401.64
7796	7.05	-15.43	7.03	-26.27	44.11	1957.65	-114.62	-374.30	358.23
7797	8.06	-14.98	7.03	-10.87	27.23	1846.70	-113.56	-376.32	315.89
7798	9.04	-14.46	7.03	0.20	11.57	1729.07	-110.54	-367.84	276.60
7799	9.98	-13.89	7.03	6.49	-3.06	1606.91	-106.85	-350.31	242.16
7800	14.30	-9.45	7.03	-20.91	-95.30	861.17	-112.23	-137.75	192.24
7801	13.74	-10.32	7.03	-20.68	-78.56	984.55	-112.62	-179.46	174.15
7802	13.13	-11.16	7.03	-12.84	-60.87	1112.69	-108.41	-220.93	170.78
7803	13.43	-9.39	7.03	-5.16	-91.41	804.10	-97.82	-129.32	154.38
7804	13.04	-10.15	7.03	-7.26	-75.62	924.67	-96.84	-166.55	151.57
7805	12.61	-10.88	7.03	-5.42	-61.80	1046.47	-97.55	-206.19	155.09
7806	12.57	-9.33	7.03	5.32	-88.42	764.45	-80.06	-129.05	125.24
7807	12.35	-9.98	7.03	3.90	-76.02	875.45	-83.68	-163.14	130.60
7808	12.10	-10.61	7.03	3.10	-64.54	985.80	-87.17	-197.64	139.16
7809	10.86	-13.28	7.03	6.90	-16.02	1483.78	-104.16	-325.65	213.64
7810	10.62	-12.52	7.03	10.98	-29.38	1334.51	-97.55	-297.94	181.48
7811	10.39	-11.77	7.03	16.32	-45.25	1191.17	-88.87	-273.42	152.70
7812	11.67	-12.63	7.03	3.56	-29.98	1361.16	-103.10	-295.11	192.29
7813	11.35	-12.03	7.03	7.69	-39.30	1242.56	-96.38	-270.75	168.58
7814	11.03	-11.44	7.03	13.22	-50.14	1129.26	-88.19	-250.37	146.67
7815	12.44	-11.93	7.03	-3.67	-44.27	1238.67	-104.10	-260.84	177.97
7816	12.05	-11.51	7.03	1.06	-49.53	1152.03	-96.65	-241.34	161.01
7817	11.66	-11.10	7.03	7.50	-57.27	1069.90	-88.60	-226.09	144.47
7818	10.27	-9.42	5.34	12.76	-87.22	732.31	-50.88	-167.03	11.08
7819	11.19	-9.38	5.34	-0.39	-87.38	730.06	-62.85	-152.20	31.44
7820	12.10	-9.34	5.34	-17.94	-93.92	736.41	-78.33	-139.96	52.73
7821	10.42	-10.26	5.34	9.47	-71.70	879.30	-65.41	-203.45	47.77



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]
7822	11.22	-10.13	5.34	-1.93	-75.28	861.82	-74.38	-188.66	57.55
7823	12.01	-10.01	5.34	-17.59	-82.82	849.92	-86.05	-174.88	69.21
7824	10.56	-11.09	5.34	8.17	-57.18	1025.47	-77.79	-237.36	83.03
7825	11.25	-10.88	5.34	-0.92	-64.38	991.79	-83.70	-223.17	83.79
7826	11.92	-10.66	5.34	-12.51	-72.46	961.43	-93.24	-208.57	86.81
7827	0.49	-9.75	5.34	-88.52	-152.59	1085.21	-38.63	-124.16	-77.13
7828	1.48	-9.74	5.34	-76.38	-151.86	1065.24	-37.14	-158.19	-79.80
7829	2.47	-9.73	5.34	-60.37	-148.45	1033.12	-35.45	-186.89	-80.16
7830	3.46	-9.71	5.34	-41.98	-142.62	991.77	-33.71	-208.43	-78.00
7831	4.44	-9.68	5.34	-23.10	-134.84	944.71	-32.26	-221.78	-73.16
7832	5.42	-9.65	5.34	-5.62	-125.65	895.73	-31.38	-226.74	-65.53
7833	6.40	-9.61	5.34	8.70	-115.77	848.53	-31.51	-223.88	-55.09
7834	7.38	-9.57	5.34	18.31	-105.96	806.35	-33.07	-214.53	-41.97
7835	8.36	-9.52	5.34	22.31	-97.06	771.67	-36.55	-200.48	-26.38
7836	9.33	-9.47	5.34	20.15	-90.04	746.11	-42.38	-183.76	-8.75
7837	0.51	-11.24	5.34	-95.74	-90.94	1326.61	-41.04	-126.64	72.85
7838	1.53	-11.22	5.34	-83.86	-91.83	1306.89	-45.13	-168.24	66.37
7839	2.55	-11.18	5.34	-67.55	-91.16	1272.61	-48.34	-204.07	58.94
7840	3.57	-11.12	5.34	-48.50	-89.10	1226.72	-50.51	-232.02	51.26
7841	4.58	-11.04	5.34	-28.72	-85.93	1172.90	-51.75	-250.73	44.13
7842	5.59	-10.95	5.34	-10.40	-82.01	1115.04	-52.34	-259.88	38.29
7843	6.59	-10.84	5.34	4.62	-77.80	1056.91	-52.71	-259.95	34.48
7844	7.58	-10.71	5.34	14.69	-73.89	1001.73	-53.52	-252.23	33.26
7845	8.56	-10.56	5.34	18.84	-70.91	951.93	-55.47	-238.50	34.90
7846	9.53	-10.40	5.34	16.53	-69.64	909.05	-59.35	-220.81	39.59
7847	0.53	-12.73	5.34	-95.96	-23.31	1543.35	-42.05	-128.45	205.06
7848	1.58	-12.69	5.34	-84.86	-26.23	1525.34	-50.85	-174.96	195.54
7849	2.64	-12.63	5.34	-69.15	-29.13	1491.56	-58.21	-215.78	182.34
7850	3.68	-12.53	5.34	-50.55	-31.91	1444.68	-63.72	-248.60	166.52
7851	4.72	-12.41	5.34	-31.09	-34.54	1388.01	-67.29	-271.92	149.35
7852	5.75	-12.25	5.34	-12.95	-37.09	1325.12	-69.16	-285.21	132.17
7853	6.77	-12.06	5.34	1.96	-39.64	1259.39	-69.87	-288.82	116.25
7854	7.77	-11.85	5.34	12.06	-42.46	1193.78	-70.21	-283.82	102.66
7855	8.76	-11.60	5.34	16.33	-45.95	1130.56	-71.13	-271.80	92.21
7856	9.74	-11.33	5.34	14.24	-50.65	1071.29	-73.73	-254.56	85.29
7857	0.55	-14.22	5.34	-90.12	37.59	1755.63	-41.50	-130.28	316.38
7858	1.63	-14.17	5.34	-80.25	32.81	1739.77	-53.67	-179.65	304.80
7859	2.72	-14.08	5.34	-65.95	26.61	1707.40	-64.07	-223.72	287.59
7860	3.79	-13.95	5.34	-48.82	19.29	1660.71	-72.12	-260.19	265.97
7861	4.86	-13.77	5.34	-30.76	11.22	1602.41	-77.60	-287.51	241.46
7862	5.91	-13.55	5.34	-13.72	2.76	1535.46	-80.71	-304.93	215.69
7863	6.95	-13.29	5.34	0.45	-5.90	1462.78	-81.99	-312.53	190.29
7864	7.97	-12.99	5.34	10.28	-14.73	1386.97	-82.34	-311.08	166.68
7865	8.97	-12.65	5.34	14.80	-23.95	1310.11	-82.83	-301.88	146.01
7866	9.94	-12.27	5.34	13.52	-34.19	1233.73	-84.75	-286.48	129.31
7867	0.56	-15.71	5.34	-79.54	84.26	1975.06	-39.71	-132.78	413.87
7868	1.68	-15.65	5.34	-71.22	78.24	1960.97	-53.98	-183.82	400.97
7869	2.80	-15.54	5.34	-58.95	69.77	1929.51	-66.41	-230.12	381.13
7870	3.91	-15.36	5.34	-44.03	59.33	1882.35	-76.31	-269.51	355.55
7871	5.00	-15.14	5.34	-28.09	47.50	1821.63	-83.39	-300.39	325.77
7872	6.07	-14.85	5.34	-12.88	34.82	1749.73	-87.74	-321.85	293.52
7873	7.13	-14.52	5.34	0.03	21.76	1669.09	-89.88	-333.65	260.57
7874	8.16	-14.13	5.34	9.32	8.54	1582.02	-90.66	-336.19	228.53
7875	9.17	-13.69	5.34	14.09	-4.95	1490.50	-91.14	-330.36	198.83
7876	10.14	-13.20	5.34	13.83	-19.28	1396.16	-92.54	-317.38	172.63
7877	0.58	-17.20	5.34	-65.94	121.05	2192.14	-37.44	-136.34	511.01
7878	1.73	-17.13	5.34	-59.35	114.32	2179.37	-53.25	-188.69	497.00
7879	2.88	-16.99	5.34	-49.37	104.46	2148.30	-67.24	-236.86	474.91
7880	4.02	-16.78	5.34	-37.05	91.99	2100.13	-78.70	-278.84	445.89
7881	5.14	-16.50	5.34	-23.71	77.62	2036.45	-87.25	-313.03	411.42
7882	6.24	-16.15	5.34	-10.76	62.04	1959.16	-92.89	-338.35	373.21
7883	7.31	-15.74	5.34	0.45	45.86	1870.27	-96.03	-354.25	333.05
7884	8.36	-15.27	5.34	8.80	29.42	1771.80	-97.38	-360.72	292.72
7885	9.37	-14.73	5.34	13.49	12.79	1665.70	-97.92	-358.20	253.82
7886	10.34	-14.13	5.34	14.15	-4.61	1553.60	-98.73	-347.60	217.92
7887	14.78	-9.47	5.34	-93.59	-214.13	879.59	-201.14	-172.01	127.46
7888	14.21	-10.38	5.34	-49.85	-147.84	966.65	-156.42	-202.42	116.07
7889	13.59	-11.26	5.34	-25.97	-102.76	1085.92	-130.27	-245.45	122.63
7890	13.89	-9.40	5.34	-62.72	-138.20	803.53	-131.27	-136.57	101.05
7891	13.49	-10.20	5.34	-50.22	-114.30	917.26	-129.61	-182.65	103.02
7892	13.05	-10.97	5.34	-26.78	-91.49	1031.52	-118.91	-224.35	111.29
7893	13.00	-9.34	5.34	-38.20	-109.59	760.50	-100.57	-133.93	76.26
7894	12.77	-10.03	5.34	-33.96	-94.49	868.90	-104.43	-171.80	85.21
7895	12.52	-10.69	5.34	-24.02	-82.01	974.96	-104.60	-208.41	96.79
7896	11.25	-13.49	5.34	9.83	-22.23	1438.85	-101.37	-330.11	186.21
7897	11.00	-12.69	5.34	8.78	-33.17	1305.35	-95.59	-299.80	151.14
7898	10.76	-11.90	5.34	7.72	-44.05	1167.38	-88.41	-269.39	117.51
7899	12.09	-12.80	5.34	2.24	-43.39	1323.09	-106.37	-306.56	159.77
7900	11.75	-12.18	5.34	0.93	-49.44	1218.59	-100.56	-279.31	134.81
7901	11.42	-11.56	5.34	0.15	-54.66	1110.59	-93.05	-253.05	110.01
7902	12.88	-12.07	5.34	-9.35	-68.54	1206.16	-114.96	-278.76	138.54
7903	12.47	-11.63	5.34	-10.83	-68.73	1132.05	-108.29	-255.96	122.57
7904	12.07	-11.20	5.34	-10.61	-69.32	1055.10	-99.75	-234.77	105.08
7905	0.57	1.65	4.00	122.73	-56.86	-1902.82	-12.33	-21.78	-443.72
7906	0.57	0.55	4.00	103.55	-80.42	-1591.51	-12.46	-34.60	-516.19
7907	0.57	-0.55	4.00	83.25	-105.01	-1276.39	-13.29	-46.91	-561.34
7908	0.57	-1.65	4.00	62.49	-128.07	-963.18	-14.74	-58.48	-580.07
7909	1.71	1.65	4.00	127.78	-56.88	-1901.40	6.23	81.42	-428.79
7910	1.71	0.55	4.00	110.14	-79.82	-1593.94	8.10	53.55	-501.46
7911	1.71	-0.55	4.00	91.21	-103.92	-1282.37	8.19	25.69	-547.33
7912	1.71	-1.65	4.00	71.62	-126.63	-972.32	6.67	-1.44	-567.21
7913	2.85	1.65	4.00	124.54	-57.89	-1879.21	21.35	183.37	-401.08
7914	2.86	0.55	4.00	109.86	-79.47	-1579.50	25.30	141.54	-473.41
7915	2.86	-0.55	4.00	93.78	-102.42	-1275.52	26.53	99.12	-519.94
7916	2.85	-1.65	4.00	76.79	-124.17	-972.60	25.23	57.29	-541.33
7917	3.98	1.65	4.00	112.53	-59.96	-1836.15	31.33	280.74	-362.05
7918	4.00	0.55	4.00	102.03	-79.55	-1547.50	37.40	226.64	-433.38
7919	4.00	-0.55	4.00	90.09	-100.74	-1254.62	40.00	171.29	-480.36
7920	3.98	-1.65	4.00	77.00	-121.00	-962.37	39.31	116.26	-503.46

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]
7921	5.12	1.65	4.00	91.91	-63.10	-1773.37	34.73	369.75	-313.75
7922	5.14	0.55	4.00	86.48	-80.23	-1498.25	42.84	305.59	-383.30
7923	5.14	-0.55	4.00	79.69	-99.20	-1219.22	46.99	239.48	-430.36
7924	5.12	-1.65	4.00	71.57	-117.54	-940.54	47.35	173.31	-455.18
7925	6.26	1.65	4.00	63.61	-67.25	-1693.62	30.40	446.56	-258.62
7926	6.28	0.55	4.00	63.80	-81.70	-1433.47	40.31	374.85	-325.55
7927	6.28	-0.55	4.00	62.85	-98.18	-1170.07	46.13	300.55	-372.15
7928	6.26	-1.65	4.00	60.45	-114.29	-906.93	47.97	225.76	-398.52
7929	7.40	1.65	4.00	29.55	-72.21	-1601.36	17.49	507.78	-199.33
7930	7.43	0.55	4.00	35.53	-84.03	-1356.49	28.76	431.14	-262.77
7931	7.43	-0.55	4.00	40.75	-98.00	-1109.35	36.26	351.41	-308.29
7932	7.40	-1.65	4.00	44.45	-111.81	-862.61	40.00	270.79	-335.83
7933	8.54	1.65	4.00	-7.72	-77.68	-1502.52	-4.64	550.94	-138.49
7934	8.57	0.55	4.00	3.98	-87.24	-1272.08	7.35	471.90	-197.63
7935	8.57	-0.55	4.00	15.39	-98.97	-1040.60	16.41	389.50	-241.39
7936	8.54	-1.65	4.00	25.23	-110.65	-809.95	22.43	305.86	-269.62
7937	9.68	1.65	4.00	-45.19	-83.26	-1403.97	-36.59	574.87	-78.42
7938	9.71	0.55	4.00	-27.96	-91.25	-1186.06	-24.66	495.70	-132.57
7939	9.71	-0.55	4.00	-10.52	-101.27	-968.52	-14.29	413.12	-173.93
7940	9.68	-1.65	4.00	5.22	-111.29	-752.41	-5.69	329.11	-202.29
7941	10.82	1.65	4.00	-79.96	-88.74	-1312.98	-79.25	579.68	-20.98
7942	10.86	0.55	4.00	-57.34	-95.98	-1104.79	-68.21	502.25	-69.60
7943	10.86	-0.55	4.00	-34.04	-104.97	-898.40	-56.84	421.63	-107.96
7944	10.82	-1.65	4.00	-12.67	-113.93	-694.21	-45.48	339.52	-135.88
7945	11.95	1.65	4.00	-109.43	-94.21	-1236.55	-134.02	566.43	32.65
7946	12.00	0.55	4.00	-81.35	-101.36	-1034.60	-124.70	492.29	-9.99
7947	12.00	-0.55	4.00	-52.14	-109.86	-835.80	-112.77	415.30	-44.88
7948	11.95	-1.65	4.00	-25.28	-118.33	-639.99	-98.56	336.94	-71.85
7949	13.09	1.65	4.00	-131.95	-100.34	-1181.04	-203.48	536.64	82.16
7950	13.14	0.55	4.00	-97.82	-107.40	-981.41	-196.85	467.09	45.99
7951	13.14	-0.55	4.00	-61.99	-115.52	-786.02	-184.80	394.94	15.02
7952	13.09	-1.65	4.00	-29.38	-123.49	-594.38	-167.68	321.76	-10.69
7953	14.23	1.65	4.00	-147.84	-108.31	-1152.04	-293.03	491.67	128.60
7954	14.28	0.55	4.00	-105.63	-114.33	-950.49	-290.69	427.89	100.12
7955	14.28	-0.55	4.00	-60.79	-121.40	-753.64	-278.68	361.09	73.41
7956	14.23	-1.65	4.00	-21.50	-127.50	-561.31	-257.98	294.25	48.56
7957	15.37	1.65	4.00	-161.67	-120.52	-1154.25	-417.30	432.69	176.87
7958	15.43	0.55	4.00	-104.72	-123.86	-946.00	-420.96	374.48	158.80
7959	15.43	-0.55	4.00	-45.86	-127.06	-740.58	-407.25	311.99	135.64
7960	15.37	-1.65	4.00	1.90	-126.90	-541.39	-381.06	252.97	109.63
7961	16.51	1.65	4.00	-178.40	-146.50	-1211.10	-619.14	359.48	248.90
7962	16.57	0.55	4.00	-92.67	-143.25	-975.14	-626.60	296.95	239.98
7963	16.57	-0.55	4.00	-15.10	-133.14	-746.36	-605.13	239.27	213.84
7964	16.51	-1.65	4.00	40.32	-113.55	-528.70	-568.96	194.71	184.40
7965	17.65	1.65	4.00	-262.48	-193.54	-1120.28	-1039.57	356.06	390.57
7966	17.71	0.55	4.00	-135.56	-179.25	-840.69	-1042.46	248.20	359.74
7967	17.71	-0.55	4.00	-21.13	-128.02	-602.96	-994.24	177.09	308.01
7968	17.65	-1.65	4.00	49.43	-60.69	-392.82	-930.39	144.89	274.33
7969	0.58	1.65	3.00	113.55	-69.75	-1740.80	-12.72	-13.81	-413.87
7970	0.58	0.55	3.00	99.08	-82.85	-1465.67	-12.35	-25.54	-481.95
7971	0.58	-0.55	3.00	83.07	-98.02	-1186.60	-12.66	-36.91	-526.01
7972	0.58	-1.65	3.00	66.23	-112.85	-908.34	-13.62	-47.73	-546.52
7973	1.73	1.65	3.00	118.38	-70.21	-1739.20	0.52	81.59	-401.23
7974	1.74	0.55	3.00	105.14	-82.76	-1467.03	2.99	56.74	-469.34
7975	1.74	-0.55	3.00	90.26	-97.47	-1190.75	3.85	31.70	-513.89
7976	1.73	-1.65	3.00	74.37	-111.93	-915.01	3.18	7.11	-535.30
7977	2.89	1.65	3.00	115.29	-71.96	-1719.49	10.78	175.21	-377.60
7978	2.90	0.55	3.00	104.50	-83.32	-1453.39	15.39	138.14	-445.18
7979	2.90	-0.55	3.00	92.00	-96.96	-1183.17	17.56	100.28	-490.08
7980	2.89	-1.65	3.00	78.31	-110.50	-913.23	17.40	62.67	-512.61
7981	4.04	1.65	3.00	104.25	-74.98	-1682.04	16.65	264.03	-344.25
7982	4.05	0.55	3.00	96.90	-84.62	-1424.61	23.34	216.13	-410.67
7983	4.05	-0.55	3.00	87.85	-96.67	-1163.26	26.97	166.83	-455.67
7984	4.04	-1.65	3.00	77.46	-108.80	-901.98	27.62	117.50	-479.42
7985	5.19	1.65	3.00	85.74	-79.16	-1628.35	16.89	344.84	-302.91
7986	5.21	0.55	3.00	82.54	-86.72	-1381.45	25.52	287.90	-367.51
7987	5.21	-0.55	3.00	77.77	-96.82	-1131.09	30.69	228.97	-412.24
7988	5.19	-1.65	3.00	71.54	-107.19	-880.73	32.48	169.68	-437.19
7989	6.35	1.65	3.00	60.90	-84.32	-1561.20	10.52	414.54	-255.68
7990	6.37	0.55	3.00	62.26	-89.68	-1325.82	20.78	350.59	-317.76
7991	6.37	-0.55	3.00	62.30	-97.66	-1087.73	27.53	284.15	-361.79
7992	6.35	-1.65	3.00	60.80	-106.10	-849.72	30.80	216.98	-387.74
7993	7.50	1.65	3.00	31.55	-90.13	-1484.70	-3.22	470.49	-204.84
7994	7.53	0.55	3.00	37.60	-93.44	-1260.89	8.18	401.64	-263.74
7995	7.53	-0.55	3.00	42.67	-99.43	-1035.34	16.45	329.94	-306.56
7996	7.50	-1.65	3.00	46.17	-105.98	-810.19	21.52	257.19	-333.21
7997	8.66	1.65	3.00	0.08	-96.11	-1404.10	-24.96	510.89	-152.72
7998	8.69	0.55	3.00	10.71	-97.88	-1190.93	-13.08	439.17	-207.85
7999	8.69	-0.55	3.00	20.82	-102.31	-977.19	-3.48	364.44	-248.95
8000	8.66	-1.65	3.00	29.28	-107.31	-764.35	3.71	288.40	-275.87
8001	9.81	1.65	3.00	-30.77	-101.73	-1325.45	-55.38	534.96	-101.49
8002	9.85	0.55	3.00	-15.76	-102.78	-1121.06	-43.85	462.20	-152.42
8003	9.85	-0.55	3.00	-0.77	-106.37	-917.40	-33.19	386.49	-191.31
8004	9.81	-1.65	3.00	12.45	-110.48	-715.29	-23.62	309.32	-218.02
8005	10.97	1.65	3.00	-57.97	-106.48	-1255.22	-95.39	542.97	-53.20
8006	11.00	0.55	3.00	-38.84	-107.85	-1056.91	-85.16	470.77	-99.62
8007	11.00	-0.55	3.00	-19.17	-111.52	-860.65	-73.84	395.87	-135.89
8008	10.97	-1.65	3.00	-1.52	-115.63	-666.73	-61.70	319.48	-161.89
8009	12.12	1.65	3.00	-78.20	-110.03	-1199.97	-146.40	536.02	-9.83
8010	12.16	0.55	3.00	-55.23	-112.71	-1004.30	-138.56	465.79	-51.55
8011	12.16	-0.55	3.00	-31.07	-117.40	-811.95	-127.13	393.26	-84.85
8012	12.12	-1.65	3.00	-9.33	-122.42	-622.77	-112.33	319.29	-109.69
8013	13.27	1.65	3.00	-87.41	-112.07	-1166.23	-210.56	515.64	26.22
8014	13.32	0.55	3.00	-61.09	-116.68	-969.06	-206.78	448.89	-10.48
8015	13.32	-0.55	3.00	-32.36	-123.24	-776.33	-195.99	380.07	-40.48
8016	13.27	-1.65	3.00	-6.96	-129.82	-587.57	-178.30	309.96	-63.91
8017	14.43	1.65	3.00	-80.41	-111.54	-1160.39	-291.94	483.84	51.03
8018	14.48	0.55	3.00	-51.14	-118.50	-956.92	-295.64	422.28	20.50
8019	14.48	-0.55	3.00	-16.77	-127.91	-758.45	-286.35	357.98	-5.83

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]
8020	14.43	-1.65	3.00	11.57	-136.00	-564.63	-264.45	293.02	-28.31
8021	15.58	1.65	3.00	-49.55	-105.09	-1187.75	-400.83	445.32	56.08
8022	15.64	0.55	3.00	-15.59	-115.63	-972.10	-419.98	389.97	36.03
8023	15.64	-0.55	3.00	28.81	-130.90	-760.61	-411.37	327.57	13.44
8024	15.58	-1.65	3.00	57.25	-138.06	-554.33	-379.58	268.65	-11.77
8025	16.74	1.65	3.00	19.42	-90.51	-1228.38	-580.11	437.91	32.38
8026	16.80	0.55	3.00	72.46	-118.97	-995.92	-609.82	366.57	16.32
8027	16.80	-0.55	3.00	127.05	-117.95	-762.43	-593.87	295.48	-16.07
8028	16.74	-1.65	3.00	145.94	-122.45	-535.15	-549.91	237.18	-36.88
8029	17.89	1.65	3.00	155.88	-75.31	-975.60	-930.49	401.35	-81.80
8030	17.95	0.55	3.00	281.31	-77.74	-738.81	-907.45	242.56	-166.06
8031	17.95	-0.55	3.00	284.58	-54.56	-544.85	-880.12	185.89	-214.41
8032	17.89	-1.65	3.00	293.21	-31.93	-390.96	-849.74	155.54	-237.61
8033	-0.57	-1.65	4.00	50.37	-128.31	-946.80	-37.32	-113.05	-579.42
8034	-0.57	-0.55	4.00	70.80	-105.52	-1259.04	-36.12	-117.29	-561.39
8035	-0.57	0.55	4.00	90.92	-81.17	-1573.46	-34.51	-120.84	-516.92
8036	-0.57	1.65	4.00	110.08	-57.81	-1884.37	-32.49	-123.46	-445.10
8037	-1.71	-1.65	4.00	35.96	-127.31	-924.54	-59.42	-164.85	-565.36
8038	-1.71	-0.55	4.00	54.59	-105.44	-1231.67	-58.54	-184.52	-547.53
8039	-1.71	0.55	4.00	73.00	-82.07	-1541.14	-56.21	-203.57	-503.67
8040	-1.71	1.65	4.00	90.56	-59.73	-1847.37	-52.37	-221.29	-432.92
8041	-2.85	-1.65	4.00	19.61	-125.14	-897.33	-79.46	-213.75	-538.52
8042	-2.86	-0.55	4.00	35.06	-104.85	-1195.42	-78.83	-247.84	-520.44
8043	-2.86	0.55	4.00	50.30	-83.21	-1495.87	-75.78	-281.36	-477.15
8044	-2.85	1.65	4.00	64.82	-62.72	-1793.42	-70.20	-313.14	-407.90
8045	-3.98	-1.65	4.00	1.40	-121.99	-865.74	-96.01	-259.46	-500.10
8046	-4.00	-0.55	4.00	12.44	-103.93	-1151.30	-95.48	-306.38	-481.41
8047	-4.00	0.55	4.00	23.28	-84.76	-1439.15	-91.67	-352.72	-438.75
8048	-3.98	1.65	4.00	33.53	-66.87	-1724.49	-84.42	-396.88	-371.49
8049	-5.12	-1.65	4.00	-18.67	-118.13	-830.24	-107.87	-301.37	-451.82
8050	-5.14	-0.55	4.00	-12.95	-102.93	-1100.44	-107.23	-359.02	-432.33
8051	-5.14	0.55	4.00	-7.45	-86.90	-1372.82	-102.61	-415.97	-390.46
8052	-5.12	1.65	4.00	-2.33	-72.29	-1643.24	-93.83	-470.33	-325.74
8053	-6.26	-1.65	4.00	-40.41	-113.92	-791.55	-114.15	-338.57	-395.87
8054	-6.28	-0.55	4.00	-40.57	-102.13	-1044.43	-113.20	-404.42	-375.54
8055	-6.28	0.55	4.00	-40.91	-89.80	-1299.43	-107.77	-469.42	-334.73
8056	-6.26	1.65	4.00	-41.36	-79.01	-1553.19	-97.70	-531.43	-273.16
8057	-7.40	-1.65	4.00	-63.28	-109.71	-750.93	-114.43	-369.89	-334.75
8058	-7.43	-0.55	4.00	-69.38	-101.76	-985.56	-113.00	-441.22	-313.72
8059	-7.43	0.55	4.00	-75.58	-93.58	-1222.35	-106.83	-511.50	-274.36
8060	-7.40	1.65	4.00	-81.58	-86.96	-1458.79	-95.83	-578.52	-216.50
8061	-8.54	-1.65	4.00	-86.26	-105.85	-710.27	-108.72	-394.20	-271.15
8062	-8.57	-0.55	4.00	-97.90	-102.03	-926.88	-106.73	-468.28	-249.71
8063	-8.57	0.55	4.00	-109.48	-98.22	-1145.80	-100.03	-541.12	-212.21
8064	-8.54	1.65	4.00	-120.51	-95.95	-1365.36	-88.56	-610.56	-158.59
8065	-9.68	-1.65	4.00	-107.89	-102.63	-672.18	-97.55	-410.51	-207.74
8066	-9.71	-0.55	4.00	-124.16	-103.03	-872.09	-95.05	-484.85	-186.29
8067	-9.71	0.55	4.00	-140.20	-103.62	-1074.55	-88.10	-557.80	-151.07
8068	-9.68	1.65	4.00	-155.36	-105.61	-1278.71	-76.74	-627.38	-102.11
8069	-10.82	-1.65	4.00	-126.33	-100.24	-639.79	-81.92	-418.12	-146.99
8070	-10.86	-0.55	4.00	-145.96	-104.74	-825.30	-79.05	-490.61	-126.01
8071	-10.86	0.55	4.00	-165.18	-109.52	-1013.68	-72.28	-561.64	-93.48
8072	-10.82	1.65	4.00	-183.25	-115.47	-1204.76	-61.66	-629.48	-49.47
8073	-11.95	-1.65	4.00	-139.43	-98.75	-616.56	-63.15	-416.45	-91.08
8074	-12.00	-0.55	4.00	-160.88	-107.00	-790.75	-60.24	-485.48	-71.11
8075	-12.00	0.55	4.00	-181.78	-115.53	-968.13	-54.13	-553.07	-41.64
8076	-11.95	1.65	4.00	-201.38	-124.91	-1149.06	-44.93	-617.78	-2.75
8077	-13.09	-1.65	4.00	-144.91	-98.06	-605.98	-42.87	-404.80	-41.87
8078	-13.14	-0.55	4.00	-166.51	-109.49	-772.42	-40.34	-469.27	-23.48
8079	-13.14	0.55	4.00	-187.49	-121.10	-942.32	-35.47	-532.38	2.59
8080	-13.09	1.65	4.00	-207.18	-133.15	-1116.35	-28.35	-593.00	36.27
8081	-14.23	-1.65	4.00	-140.55	-97.86	-610.80	-22.86	-381.88	-0.92
8082	-14.28	-0.55	4.00	-160.64	-111.67	-773.22	-21.22	-441.00	15.27
8083	-14.28	0.55	4.00	-180.16	-125.50	-939.20	-18.17	-498.95	37.58
8084	-14.23	1.65	4.00	-198.61	-139.30	-1109.55	-13.76	-554.88	65.96
8085	-15.37	-1.65	4.00	-125.36	-97.68	-632.08	-4.86	-345.77	30.36
8086	-15.43	-0.55	4.00	-142.53	-112.92	-793.87	-4.65	-398.99	43.67
8087	-15.43	0.55	4.00	-159.37	-127.93	-959.09	-3.91	-451.36	61.79
8088	-15.37	1.65	4.00	-175.58	-142.46	-1128.48	-2.61	-502.27	84.73
8089	-16.51	-1.65	4.00	-99.88	-96.80	-667.75	9.71	-294.50	50.52
8090	-16.57	-0.55	4.00	-113.24	-112.47	-831.37	8.10	-341.43	60.25
8091	-16.57	0.55	4.00	-126.70	-127.57	-997.99	6.30	-388.01	73.74
8092	-16.51	1.65	4.00	-140.17	-141.75	-1168.18	4.35	-433.86	91.10
8093	-17.65	-1.65	4.00	-68.26	-94.81	-712.33	20.15	-228.00	57.29
8094	-17.71	-0.55	4.00	-77.83	-109.90	-879.09	16.70	-268.77	62.71
8095	-17.71	0.55	4.00	-88.04	-124.20	-1048.37	12.53	-309.79	71.29
8096	-17.65	1.65	4.00	-98.97	-137.35	-1220.19	7.80	-351.12	83.21
8097	-0.58	-1.65	3.00	54.54	-113.09	-894.39	-31.48	-100.85	-545.82
8098	-0.58	-0.55	3.00	71.02	-98.51	-1171.72	-30.40	-104.03	-525.89
8099	-0.58	0.55	3.00	86.80	-83.55	-1450.10	-29.02	-106.58	-482.40
8100	-0.58	1.65	3.00	101.20	-70.62	-1724.78	-27.35	-108.28	-414.86
8101	-1.73	-1.65	3.00	39.84	-112.61	-874.30	-48.93	-151.62	-533.26
8102	-1.74	-0.55	3.00	54.66	-98.90	-1147.24	-47.78	-168.44	-513.56
8103	-1.74	0.55	3.00	68.87	-84.85	-1421.41	-45.42	-184.59	-470.69
8104	-1.73	1.65	3.00	81.86	-72.82	-1692.20	-41.81	-199.42	-404.17
8105	-2.89	-1.65	3.00	22.52	-111.48	-849.02	-64.58	-199.58	-509.41
8106	-2.90	-0.55	3.00	34.45	-99.26	-1114.31	-63.34	-229.14	-489.65
8107	-2.90	0.55	3.00	45.85	-86.81	-1380.96	-60.03	-257.99	-447.46
8108	-2.89	1.65	3.00	56.18	-76.41	-1644.64	-54.58	-285.08	-382.43
8109	-4.04	-1.65	3.00	2.81	-109.84	-819.35	-77.18	-244.23	-475.35
8110	-4.05	-0.55	3.00	10.80	-99.73	-1074.14	-75.76	-285.14	-455.29
8111	-4.05	0.55	3.00	18.32	-89.52	-1330.37	-71.51	-325.26	-413.89
8112	-4.04	1.65	3.00	24.98	-81.42	-1584.16	-64.37	-363.20	-350.84
8113	-5.19	-1.65	3.00	-19.08	-107.94	-786.12	-85.71	-284.93	-432.62
8114	-5.21	-0.55	3.00	-15.81	-100.48	-1028.17	-83.98	-335.38	-412.12
8115	-5.21	0.55	3.00	-12.96	-93.11	-1271.73	-78.82	-384.92	-371.69
8116	-5.19	1.65	3.00	-10.71	-87.87	-1513.51	-70.18	-431.91	-311.11
8117	-6.35	-1.65	3.00	-42.79	-106.05	-750.41	-89.47	-320.92	-383.11
8118	-6.37	-0.55	3.00	-44.70	-101.71	-978.21	-87.30	-378.79	-362.16

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]
8119	-6.37	0.55	3.00	-46.92	-97.66	-1207.67	-81.31	-435.61	-322.94
8120	-6.35	1.65	3.00	-49.47	-95.74	-1436.13	-71.44	-489.58	-265.31
8121	-7.50	-1.65	3.00	-67.68	-104.47	-713.72	-88.12	-351.34	-328.97
8122	-7.53	-0.55	3.00	-74.83	-103.61	-926.68	-85.43	-414.39	-307.69
8123	-7.53	0.55	3.00	-82.17	-103.21	-1141.49	-78.73	-476.24	-269.96
8124	-7.50	1.65	3.00	-89.49	-104.89	-1356.23	-68.00	-535.05	-215.72
8125	-8.66	-1.65	3.00	-92.78	-103.49	-678.11	-81.76	-375.45	-272.46
8126	-8.69	-0.55	3.00	-104.83	-106.31	-876.57	-78.54	-441.45	-251.06
8127	-8.69	0.55	3.00	-116.90	-109.75	-1077.15	-71.33	-506.15	-215.11
8128	-8.66	1.65	3.00	-128.62	-115.13	-1278.66	-60.18	-567.75	-164.63
8129	-9.81	-1.65	3.00	-116.73	-103.34	-646.23	-70.90	-392.67	-215.79
8130	-9.85	-0.55	3.00	-132.97	-109.89	-831.43	-67.21	-459.65	-194.56
8131	-9.85	0.55	3.00	-149.04	-117.14	-1019.12	-59.81	-525.25	-160.68
8132	-9.81	1.65	3.00	-164.44	-126.13	-1208.73	-48.76	-587.83	-114.19
8133	-10.97	-1.65	3.00	-137.79	-104.20	-621.27	-56.42	-402.71	-160.98
8134	-11.00	-0.55	3.00	-157.20	-114.33	-795.30	-52.47	-469.02	-140.26
8135	-11.00	0.55	3.00	-176.25	-125.17	-972.21	-45.26	-533.96	-108.69
8136	-10.97	1.65	3.00	-194.35	-137.47	-1151.99	-34.90	-596.07	-66.32
8137	-12.12	-1.65	3.00	-153.81	-106.12	-606.92	-39.58	-405.40	-109.82
8138	-12.16	-0.55	3.00	-175.12	-119.47	-772.56	-35.69	-469.83	-89.97
8139	-12.16	0.55	3.00	-195.90	-133.47	-941.44	-29.17	-532.93	-60.91
8140	-12.12	1.65	3.00	-215.54	-148.56	-1114.01	-20.13	-593.51	-22.69
8141	-13.27	-1.65	3.00	-162.12	-108.98	-607.21	-21.92	-400.35	-63.79
8142	-13.32	-0.55	3.00	-183.86	-125.01	-767.73	-18.55	-462.07	-45.20
8143	-13.32	0.55	3.00	-204.97	-141.51	-931.81	-13.29	-522.57	-18.85
8144	-13.27	1.65	3.00	-224.87	-158.67	-1100.13	-6.28	-580.88	15.25
8145	-14.43	-1.65	3.00	-159.42	-112.44	-626.16	-5.21	-386.21	-24.20
8146	-14.48	-0.55	3.00	-179.99	-130.36	-785.16	-2.97	-444.61	-7.33
8147	-14.48	0.55	3.00	-199.91	-148.51	-947.84	0.34	-501.94	16.06
8148	-14.43	1.65	3.00	-218.74	-166.79	-1114.98	4.61	-557.40	45.97
8149	-15.58	-1.65	3.00	-142.23	-115.60	-665.17	8.60	-358.82	7.61
8150	-15.64	-0.55	3.00	-159.92	-134.38	-825.97	9.00	-413.10	22.08
8151	-15.64	0.55	3.00	-177.15	-153.03	-990.27	9.64	-466.48	42.00
8152	-15.58	1.65	3.00	-193.67	-171.28	-1158.76	10.50	-518.34	67.38
8153	-16.74	-1.65	3.00	-112.85	-117.81	-721.33	17.50	-313.89	29.66
8154	-16.80	-0.55	3.00	-126.72	-136.32	-886.22	15.60	-362.94	40.88
8155	-16.80	0.55	3.00	-140.60	-154.28	-1054.06	13.29	-411.46	56.59
8156	-16.74	1.65	3.00	-154.44	-171.29	-1225.31	10.58	-458.98	76.83
8157	-17.89	-1.65	3.00	-72.93	-117.67	-784.43	20.02	-247.50	39.67
8158	-17.95	-0.55	3.00	-82.85	-134.52	-953.39	15.71	-290.37	46.61
8159	-17.95	0.55	3.00	-93.42	-150.51	-1124.66	10.56	-333.31	57.31
8160	-17.89	1.65	3.00	-104.71	-165.28	-1298.23	4.72	-376.17	71.89
8161	0.57	2.50	4.00	136.57	-40.70	-2138.08	-12.73	-11.68	-369.46
8162	1.70	2.50	4.00	140.38	-41.27	-2133.65	3.56	102.61	-354.76
8163	2.83	2.50	4.00	134.83	-43.43	-2105.60	16.42	214.77	-328.03
8164	3.97	2.50	4.00	119.66	-47.15	-2054.33	24.26	321.03	-290.79
8165	5.10	2.50	4.00	95.30	-52.30	-1981.67	25.76	417.27	-245.13
8166	6.23	2.50	4.00	62.98	-58.62	-1891.18	19.97	499.47	-193.51
8167	7.36	2.50	4.00	24.87	-65.64	-1788.15	6.24	564.18	-138.52
8168	8.50	2.50	4.00	-16.30	-72.80	-1679.34	-15.89	609.08	-82.66
8169	9.63	2.50	4.00	-57.46	-79.43	-1572.36	-46.89	633.21	-28.13
8170	10.76	2.50	4.00	-95.81	-85.12	-1475.06	-87.64	636.92	23.41
8171	11.90	2.50	4.00	-128.92	-90.11	-1394.92	-139.69	621.51	70.91
8172	13.03	2.50	4.00	-155.28	-95.80	-1338.47	-205.74	588.41	114.05
8173	14.16	2.50	4.00	-175.54	-105.00	-1311.43	-290.57	538.46	153.24
8174	15.29	2.50	4.00	-196.29	-120.74	-1316.93	-405.87	471.64	190.56
8175	16.43	2.50	4.00	-234.38	-154.39	-1389.17	-591.54	397.21	240.61
8176	17.56	2.50	4.00	-346.45	-195.10	-1332.46	-991.11	432.23	350.40
8177	0.56	3.10	4.00	145.30	-31.86	-2298.24	-13.31	-4.54	-307.03
8178	1.69	3.10	4.00	148.21	-32.84	-2291.74	0.97	116.98	-292.73
8179	2.82	3.10	4.00	141.08	-35.84	-2259.80	11.88	235.77	-267.13
8180	3.94	3.10	4.00	123.84	-40.73	-2203.21	17.94	347.74	-231.77
8181	5.07	3.10	4.00	97.07	-47.27	-2124.28	17.95	448.61	-188.73
8182	6.20	3.10	4.00	62.26	-55.05	-2027.11	11.11	534.23	-140.42
8183	7.33	3.10	4.00	21.74	-63.46	-1917.55	-3.06	601.21	-89.36
8184	8.45	3.10	4.00	-21.64	-71.69	-1802.85	-24.88	647.30	-37.94
8185	9.58	3.10	4.00	-64.79	-78.88	-1691.08	-54.69	671.70	11.80
8186	10.71	3.10	4.00	-105.04	-84.39	-1590.43	-93.36	674.95	58.32
8187	11.83	3.10	4.00	-140.17	-88.43	-1508.65	-142.64	658.43	100.72
8188	12.96	3.10	4.00	-168.68	-93.00	-1452.39	-205.63	623.45	138.78
8189	14.09	3.10	4.00	-190.71	-102.77	-1427.20	-287.18	569.99	172.66
8190	15.22	3.10	4.00	-211.57	-123.53	-1435.24	-397.06	495.51	202.82
8191	16.34	3.10	4.00	-251.88	-168.48	-1506.18	-568.21	406.07	235.44
8192	17.47	3.10	4.00	-384.72	-227.85	-1438.86	-936.71	445.11	306.56
8193	0.57	2.50	3.00	123.49	-62.28	-1948.62	-13.47	-4.63	-345.41
8194	1.72	2.50	3.00	127.31	-63.20	-1944.74	-2.48	100.37	-333.07
8195	2.87	2.50	3.00	122.35	-65.92	-1920.53	5.59	202.90	-310.46
8196	4.02	2.50	3.00	108.75	-70.32	-1876.78	9.42	299.57	-278.85
8197	5.17	2.50	3.00	87.21	-76.15	-1815.55	7.91	386.91	-239.97
8198	6.32	2.50	3.00	59.14	-83.04	-1740.29	0.25	461.67	-195.89
8199	7.47	2.50	3.00	26.57	-90.42	-1655.81	-14.14	521.21	-148.80
8200	8.61	2.50	3.00	-7.94	-97.56	-1568.06	-35.71	563.80	-100.89
8201	9.76	2.50	3.00	-41.57	-103.63	-1483.72	-64.97	588.84	-54.18
8202	10.91	2.50	3.00	-71.31	-107.86	-1409.86	-102.76	596.76	-10.55
8203	12.06	2.50	3.00	-93.72	-109.95	-1353.54	-150.48	588.71	28.17
8204	13.21	2.50	3.00	-104.18	-110.28	-1321.88	-210.06	565.99	59.60
8205	14.36	2.50	3.00	-95.91	-108.69	-1321.28	-283.88	529.60	79.05
8206	15.51	2.50	3.00	-59.06	-103.62	-1359.01	-377.66	482.92	76.36
8207	16.66	2.50	3.00	12.93	-68.84	-1397.59	-515.99	468.83	18.84
8208	17.80	2.50	3.00	77.13	-23.55	-1199.99	-784.93	549.31	-82.11
8209	0.57	3.10	3.00	129.32	-59.67	-2090.22	-14.29	1.82	-288.49
8210	1.71	3.10	3.00	132.43	-60.92	-2084.82	-5.21	113.05	-276.56
8211	2.86	3.10	3.00	126.21	-64.32	-2057.70	1.03	221.34	-255.02
8212	4.00	3.10	3.00	110.93	-69.65	-2009.98	3.20	323.07	-225.13
8213	5.14	3.10	3.00	87.49	-76.60	-1944.09	0.34	414.62	-188.60
8214	6.29	3.10	3.00	57.45	-84.65	-1863.92	-8.26	492.68	-147.41
8215	7.43	3.10	3.00	23.02	-93.08	-1774.75	-22.99	554.61	-103.66
8216	8.57	3.10	3.00	-13.13	-100.96	-1682.94	-44.17	598.78	-59.42
8217	9.71	3.10	3.00	-48.12	-107.24	-1595.59	-72.14	624.70	-16.58

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]
8218	10.86	3.10	3.00	-78.96	-110.90	-1520.09	-107.66	632.91	23.16
8219	12.00	3.10	3.00	-102.23	-111.53	-1463.88	-152.22	624.61	58.12
8220	13.14	3.10	3.00	-112.76	-109.92	-1434.40	-207.97	600.86	86.08
8221	14.29	3.10	3.00	-101.57	-107.98	-1438.28	-276.84	561.47	102.20
8222	15.43	3.10	3.00	-54.09	-103.99	-1482.72	-361.66	508.10	94.65
8223	16.57	3.10	3.00	46.37	-84.10	-1519.95	-474.93	471.02	25.70
8224	17.72	3.10	3.00	203.99	-8.02	-1316.82	-672.02	528.78	-178.18
8225	-0.57	2.50	4.00	123.99	-41.76	-2119.51	-30.65	-124.78	-371.31
8226	-0.56	3.10	4.00	132.83	-32.97	-2279.70	-29.22	-125.13	-309.18
8227	-1.70	2.50	4.00	103.35	-44.48	-2079.20	-48.37	-233.80	-360.26
8228	-1.69	3.10	4.00	111.50	-36.22	-2237.36	-44.99	-241.49	-299.13
8229	-2.83	2.50	4.00	75.38	-48.91	-2018.94	-64.15	-336.05	-337.06
8230	-2.82	3.10	4.00	82.12	-41.63	-2173.12	-58.94	-350.56	-277.59
8231	-3.97	2.50	4.00	40.98	-55.11	-1941.16	-76.48	-428.92	-303.14
8232	-3.94	3.10	4.00	45.71	-49.20	-2089.73	-69.63	-449.41	-246.00
8233	-5.10	2.50	4.00	1.36	-63.08	-1849.11	-84.27	-509.86	-260.58
8234	-5.07	3.10	4.00	3.69	-58.86	-1990.86	-76.02	-535.26	-206.38
8235	-6.23	2.50	4.00	-41.72	-72.73	-1747.05	-86.86	-576.59	-211.82
8236	-6.20	3.10	4.00	-41.96	-70.42	-1881.27	-77.58	-605.69	-161.12
8237	-7.36	2.50	4.00	-85.92	-83.83	-1640.26	-84.15	-627.36	-159.56
8238	-7.33	3.10	4.00	-88.67	-83.53	-1766.77	-74.26	-658.93	-112.83
8239	-8.50	2.50	4.00	-128.45	-96.01	-1534.85	-76.59	-661.25	-106.51
8240	-8.45	3.10	4.00	-133.47	-97.70	-1653.98	-66.56	-694.14	-64.06
8241	-9.63	2.50	4.00	-166.23	-108.74	-1437.35	-65.09	-678.28	-55.18
8242	-9.58	3.10	4.00	-173.08	-112.29	-1549.84	-55.44	-711.48	-17.21
8243	-10.76	2.50	4.00	-196.20	-121.36	-1354.23	-50.97	-679.28	-7.83
8244	-10.71	3.10	4.00	-204.35	-126.52	-1461.18	-42.21	-711.97	25.64
8245	-11.90	2.50	4.00	-215.42	-133.08	-1291.47	-35.82	-665.49	33.61
8246	-11.83	3.10	4.00	-224.29	-139.48	-1394.17	-28.45	-697.04	62.64
8247	-13.03	2.50	4.00	-221.34	-142.99	-1253.98	-21.42	-637.93	67.42
8248	-12.96	3.10	4.00	-230.37	-150.20	-1353.79	-15.86	-667.90	92.19
8249	-14.16	2.50	4.00	-212.02	-150.07	-1244.55	-9.47	-596.61	92.00
8250	-14.09	3.10	4.00	-220.71	-157.57	-1342.72	-6.04	-624.71	112.67
8251	-15.29	2.50	4.00	-187.64	-153.38	-1262.60	-1.22	-540.57	105.75
8252	-15.22	3.10	4.00	-195.74	-160.69	-1360.05	-0.07	-566.68	122.50
8253	-16.43	2.50	4.00	-150.59	-152.18	-1302.50	2.89	-468.78	107.20
8254	-16.34	3.10	4.00	-158.01	-158.87	-1399.71	1.94	-492.97	120.23
8255	-17.56	2.50	4.00	-107.92	-146.22	-1355.07	3.98	-383.12	94.38
8256	-17.47	3.10	4.00	-114.89	-152.13	-1452.39	1.09	-405.52	104.02
8257	-0.57	2.50	3.00	111.16	-63.24	-1932.41	-25.89	-108.97	-346.79
8258	-0.57	3.10	3.00	117.07	-60.68	-2073.98	-24.77	-108.93	-290.11
8259	-1.72	2.50	3.00	90.85	-66.12	-1897.13	-38.20	-209.78	-337.15
8260	-1.71	3.10	3.00	96.18	-63.99	-2037.08	-35.23	-216.05	-281.37
8261	-2.87	2.50	3.00	63.28	-70.94	-1844.51	-48.96	-304.45	-317.10
8262	-2.86	3.10	3.00	67.45	-69.62	-1981.35	-44.26	-316.61	-262.83
8263	-4.02	2.50	3.00	29.43	-77.69	-1776.99	-56.94	-390.56	-287.84
8264	-4.00	3.10	3.00	31.94	-77.49	-1909.47	-50.71	-407.94	-235.65
8265	-5.17	2.50	3.00	-9.43	-86.30	-1697.78	-61.23	-465.92	-251.02
8266	-5.14	3.10	3.00	-8.92	-87.49	-1824.99	-53.72	-487.69	-201.45
8267	-6.32	2.50	3.00	-51.62	-96.63	-1610.96	-61.30	-528.75	-208.66
8268	-6.29	3.10	3.00	-53.26	-99.38	-1732.38	-52.85	-553.95	-162.15
8269	-7.47	2.50	3.00	-95.05	-108.42	-1521.39	-57.11	-577.84	-162.93
8270	-7.43	3.10	3.00	-98.82	-112.81	-1636.92	-48.10	-605.50	-119.83
8271	-8.61	2.50	3.00	-137.29	-121.32	-1434.57	-49.03	-612.70	-116.00
8272	-8.57	3.10	3.00	-143.01	-127.32	-1544.52	-39.90	-641.93	-76.53
8273	-9.76	2.50	3.00	-175.71	-134.85	-1356.40	-37.90	-633.68	-69.89
8274	-9.71	3.10	3.00	-183.03	-142.34	-1461.44	-29.10	-663.69	-34.12
8275	-10.91	2.50	3.00	-207.51	-148.43	-1292.92	-24.90	-641.78	-26.37
8276	-10.86	3.10	3.00	-216.01	-157.16	-1394.01	-16.90	-671.94	5.73
8277	-12.06	2.50	3.00	-229.78	-161.31	-1250.08	-11.59	-638.33	13.01
8278	-12.00	3.10	3.00	-238.96	-170.96	-1348.38	-4.83	-668.15	41.57
8279	-13.21	2.50	3.00	-239.30	-172.60	-1233.42	0.22	-624.26	46.85
8280	-13.14	3.10	3.00	-248.61	-182.72	-1330.20	5.29	-653.35	72.04
8281	-14.36	2.50	3.00	-232.46	-181.13	-1247.55	8.48	-598.87	73.55
8282	-14.29	3.10	3.00	-241.40	-191.17	-1344.00	11.46	-626.89	95.50
8283	-15.51	2.50	3.00	-205.92	-185.13	-1292.18	11.29	-557.31	90.74
8284	-15.43	3.10	3.00	-214.13	-194.48	-1389.07	11.87	-583.83	109.37
8285	-16.66	2.50	3.00	-165.12	-183.92	-1360.31	8.31	-494.98	95.61
8286	-16.57	3.10	3.00	-172.72	-192.14	-1457.85	6.69	-519.75	110.75
8287	-17.80	2.50	3.00	-113.93	-175.30	-1434.22	-0.10	-409.07	85.53
8288	-17.72	3.10	3.00	-121.11	-182.01	-1532.07	-3.75	-431.92	97.05
8289	17.30	3.97	4.00	-390.45	-314.08	-1561.57	-883.75	412.76	286.76
8290	17.02	5.09	4.00	-390.81	-391.31	-1747.37	-896.55	400.64	345.43
8291	16.67	6.19	4.00	-437.80	-350.88	-2001.77	-921.00	506.76	457.67
8292	16.26	7.27	4.00	-474.89	-121.26	-2296.73	-830.13	726.08	504.73
8293	16.18	3.96	4.00	-254.41	-188.92	-1681.01	-548.08	413.30	245.80
8294	15.92	5.08	4.00	-264.95	-188.83	-1928.69	-544.43	447.47	285.32
8295	15.60	6.19	4.00	-293.98	-111.80	-2198.60	-519.56	534.00	330.55
8296	15.21	7.27	4.00	-288.61	38.49	-2466.23	-402.77	654.34	330.69
8297	15.07	3.96	4.00	-226.70	-123.00	-1613.24	-386.73	531.50	226.46
8298	14.82	5.08	4.00	-244.23	-101.45	-1854.59	-371.18	587.58	264.70
8299	14.52	6.18	4.00	-252.54	-49.02	-2102.23	-328.35	656.20	298.73
8300	14.16	7.27	4.00	-213.78	0.67	-2344.69	-243.81	723.73	320.73
8301	13.95	3.96	4.00	-206.69	-96.43	-1599.13	-279.76	615.07	203.73
8302	13.73	5.08	4.00	-219.47	-81.12	-1829.32	-262.65	674.60	247.59
8303	13.45	6.18	4.00	-213.69	-63.79	-2063.88	-229.94	732.60	292.11
8304	13.11	7.26	4.00	-181.54	-65.26	-2299.33	-192.44	785.67	339.50
8305	12.83	3.96	4.00	-182.30	-89.34	-1620.25	-202.59	671.70	177.23
8306	12.63	5.08	4.00	-190.53	-86.05	-1843.53	-193.63	731.30	231.78
8307	12.37	6.18	4.00	-183.77	-90.02	-2071.06	-180.22	785.07	290.79
8308	12.06	7.26	4.00	-164.59	-106.20	-2301.50	-170.25	831.71	354.85
8309	11.72	3.96	4.00	-151.38	-88.53	-1674.71	-145.33	708.02	147.24
8310	11.53	5.08	4.00	-158.28	-93.59	-1894.18	-147.22	767.42	213.86
8311	11.29	6.18	4.00	-155.17	-106.83	-2116.71	-149.20	818.75	286.59
8312	11.01	7.26	4.00	-145.66	-128.44	-2341.89	-154.57	860.92	364.70
8313	10.60	3.96	4.00	-114.56	-86.84	-1757.11	-101.40	725.19	113.10
8314	10.43	5.07	4.00	-121.53	-96.01	-1975.34	-112.37	784.14	191.87
8315	10.22	6.17	4.00	-122.04	-113.25	-2194.29	-124.84	833.30	277.78
8316	9.97	7.26	4.00	-118.74	-137.64	-2414.05	-139.51	871.52	369.19

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]
8317	9.49	3.96	4.00	-72.81	-82.04	-1860.55	-66.67	721.96	74.75
8318	9.33	5.07	4.00	-79.73	-92.60	-2079.80	-83.96	779.95	165.50
8319	9.14	6.17	4.00	-82.64	-111.49	-2296.53	-103.15	826.87	264.38
8320	8.92	7.26	4.00	-83.20	-137.80	-2511.04	-123.67	861.47	368.98
8321	8.37	3.96	4.00	-27.88	-74.37	-1976.99	-39.17	696.76	32.88
8322	8.24	5.07	4.00	-34.04	-84.71	-2199.30	-60.14	753.14	135.29
8323	8.07	6.17	4.00	-38.02	-104.04	-2415.18	-83.19	797.65	246.95
8324	7.87	7.26	4.00	-40.82	-131.79	-2624.94	-107.12	829.00	364.71
8325	7.25	3.96	4.00	17.72	-64.86	-2097.83	-18.17	648.88	-11.16
8326	7.14	5.07	4.00	13.18	-74.02	-2324.93	-40.54	702.78	102.35
8327	6.99	6.17	4.00	9.22	-93.11	-2541.32	-65.15	744.63	226.38
8328	6.82	7.26	4.00	5.22	-121.91	-2747.15	-90.50	773.11	357.07
8329	6.14	3.96	4.00	60.90	-54.75	-2214.52	-3.51	578.91	-55.55
8330	6.04	5.06	4.00	58.72	-62.18	-2447.71	-25.39	629.24	68.17
8331	5.92	6.16	4.00	55.69	-80.55	-2665.86	-49.60	668.03	203.82
8332	5.77	7.26	4.00	51.37	-110.05	-2868.81	-74.58	693.96	346.83
8333	5.02	3.95	4.00	98.63	-45.09	-2319.20	4.86	488.93	-98.11
8334	4.94	5.06	4.00	99.33	-50.55	-2559.23	-14.97	534.41	34.58
8335	4.84	6.16	4.00	97.90	-67.92	-2780.16	-37.10	569.53	180.67
8336	4.72	7.26	4.00	93.91	-97.81	-2981.42	-60.11	593.00	334.95
8337	3.91	3.95	4.00	128.32	-36.74	-2405.37	7.17	382.29	-136.52
8338	3.84	5.06	4.00	132.10	-40.25	-2652.29	-9.36	421.48	3.59
8339	3.76	6.16	4.00	132.69	-56.52	-2876.62	-28.03	452.09	158.54
8340	3.67	7.25	4.00	129.57	-86.52	-3077.32	-47.62	472.96	322.55
8341	2.79	3.95	4.00	148.22	-30.31	-2468.21	4.00	263.17	-168.48
8342	2.75	5.06	4.00	154.91	-32.12	-2721.34	-8.30	294.61	-22.75
8343	2.69	6.16	4.00	157.61	-47.34	-2949.19	-22.40	319.77	139.08
8344	2.62	7.25	4.00	155.65	-77.29	-3150.26	-37.38	337.68	310.86
8345	1.67	3.95	4.00	157.40	-26.21	-2504.78	-3.68	136.08	-191.96
8346	1.65	5.05	4.00	166.47	-26.75	-2762.65	-11.12	158.49	-42.63
8347	1.61	6.15	4.00	171.04	-41.13	-2993.58	-19.86	177.25	123.84
8348	1.57	7.25	4.00	170.34	-70.93	-3195.64	-29.30	191.72	301.05
8349	0.56	3.95	4.00	155.72	-24.66	-2513.76	-14.54	5.45	-205.46
8350	0.55	5.05	4.00	166.29	-24.52	-2774.32	-16.80	17.90	-54.63
8351	0.54	6.15	4.00	172.20	-38.40	-3007.35	-19.69	29.53	114.04
8352	0.52	7.25	4.00	172.58	-68.05	-3210.65	-23.02	40.06	294.06
8353	17.55	3.96	3.00	383.83	-20.85	-1361.68	-637.76	409.58	-220.89
8354	17.27	5.09	3.00	517.07	-12.26	-1469.49	-591.51	350.33	-97.53
8355	16.93	6.19	3.00	580.20	29.82	-1646.89	-558.36	439.34	72.78
8356	16.52	7.27	3.00	490.82	129.92	-1936.42	-552.03	808.69	311.99
8357	16.41	3.96	3.00	106.55	-95.88	-1713.99	-438.77	491.12	64.46
8358	16.16	5.08	3.00	164.06	-84.49	-1963.01	-415.01	544.37	137.99
8359	15.84	6.19	3.00	174.27	-30.55	-2211.37	-386.90	666.68	248.48
8360	15.46	7.27	3.00	178.79	79.31	-2433.53	-302.70	843.54	296.18
8361	15.28	3.96	3.00	-40.83	-102.81	-1664.30	-342.01	548.07	130.32
8362	15.04	5.08	3.00	-26.98	-85.20	-1906.86	-318.05	616.39	190.94
8363	14.75	6.18	3.00	-15.09	-45.24	-2146.76	-274.55	705.21	248.93
8364	14.39	7.26	3.00	24.64	-21.58	-2375.86	-206.94	793.74	289.48
8365	14.15	3.96	3.00	-104.56	-104.66	-1611.30	-265.04	609.58	140.52
8366	13.93	5.08	3.00	-102.37	-95.97	-1840.38	-243.71	676.11	195.85
8367	13.65	6.18	3.00	-86.46	-91.07	-2070.52	-212.05	744.34	252.83
8368	13.33	7.26	3.00	-56.59	-109.31	-2298.84	-186.30	808.14	310.86
8369	13.02	3.96	3.00	-119.76	-110.81	-1599.66	-202.40	650.32	127.97
8370	12.81	5.08	3.00	-120.61	-115.53	-1818.74	-191.57	713.53	188.20
8371	12.56	6.18	3.00	-110.41	-130.13	-2040.85	-180.05	773.25	253.62
8372	12.26	7.26	3.00	-96.24	-157.35	-2264.75	-177.01	826.85	323.93
8373	11.89	3.96	3.00	-109.98	-116.96	-1624.93	-153.42	673.89	105.28
8374	11.70	5.07	3.00	-113.78	-130.15	-1837.69	-154.39	734.50	173.38
8375	11.47	6.18	3.00	-110.97	-152.31	-2053.30	-157.60	789.08	248.17
8376	11.19	7.26	3.00	-107.42	-182.14	-2271.54	-166.26	835.90	328.86
8377	10.75	3.96	3.00	-86.85	-119.08	-1679.59	-114.64	681.46	76.31
8378	10.59	5.07	3.00	-93.15	-136.17	-1888.82	-124.76	739.67	153.15
8379	10.38	6.17	3.00	-95.82	-161.26	-2099.39	-137.35	790.08	237.55
8380	10.13	7.26	3.00	-98.55	-192.63	-2311.61	-152.91	831.31	328.23
8381	9.62	3.96	3.00	-55.69	-116.41	-1755.76	-83.16	672.09	42.83
8382	9.47	5.07	3.00	-63.35	-134.82	-1963.80	-99.29	727.77	128.75
8383	9.28	6.17	3.00	-69.25	-161.06	-2170.75	-117.60	774.40	222.99
8384	9.06	7.26	3.00	-75.57	-193.79	-2377.15	-137.42	810.77	323.78
8385	8.49	3.96	3.00	-19.78	-109.95	-1845.59	-57.50	644.47	6.24
8386	8.36	5.07	3.00	-27.57	-128.31	-2054.43	-76.99	697.30	101.31
8387	8.19	6.17	3.00	-34.97	-154.89	-2259.11	-98.44	740.33	205.51
8388	8.00	7.26	3.00	-43.26	-188.85	-2460.25	-120.65	772.44	316.55
8389	7.36	3.96	3.00	17.88	-101.17	-1941.27	-37.15	597.88	-31.98
8390	7.24	5.07	3.00	11.00	-118.69	-2152.53	-57.87	647.36	72.02
8391	7.10	6.17	3.00	3.36	-145.16	-2356.20	-80.44	686.82	186.05
8392	6.93	7.26	3.00	-5.86	-180.19	-2552.87	-103.49	715.23	307.28
8393	6.23	3.96	3.00	54.30	-91.46	-2035.26	-22.02	532.66	-70.15
8394	6.13	5.06	3.00	49.12	-107.71	-2250.15	-42.25	578.08	42.20
8395	6.01	6.16	3.00	42.11	-133.79	-2453.95	-64.28	613.86	165.60
8396	5.86	7.26	3.00	32.66	-169.65	-2647.08	-86.74	639.02	296.61
8397	5.09	3.95	3.00	86.61	-81.98	-2120.68	-12.06	450.32	-106.46
8398	5.01	5.06	3.00	83.63	-96.78	-2339.92	-30.42	490.81	13.36
8399	4.92	6.16	3.00	77.83	-122.26	-2544.78	-50.52	522.60	145.25
8400	4.80	7.25	3.00	68.69	-158.72	-2735.42	-71.08	544.78	285.27
8401	3.96	3.95	3.00	112.36	-73.64	-2191.71	-7.09	353.44	-138.97
8402	3.90	5.06	3.00	111.78	-87.00	-2415.50	-22.48	387.98	-12.90
8403	3.82	6.16	3.00	107.54	-111.81	-2622.04	-39.46	415.31	126.25
8404	3.73	7.25	3.00	99.07	-148.64	-2811.21	-56.96	434.60	274.09
8405	2.83	3.95	3.00	129.73	-67.11	-2243.91	-6.63	245.36	-165.85
8406	2.79	5.06	3.00	131.43	-79.20	-2471.85	-18.21	272.95	-35.01
8407	2.73	6.16	3.00	128.82	-103.36	-2680.34	-31.15	295.22	109.83
8408	2.67	7.25	3.00	121.27	-140.38	-2868.96	-44.61	311.52	263.94
8409	1.70	3.95	3.00	137.58	-62.85	-2274.34	-9.89	129.87	-185.49
8410	1.67	5.05	3.00	141.15	-73.99	-2505.48	-17.11	149.59	-51.54
8411	1.64	6.15	3.00	140.01	-97.61	-2715.77	-25.32	166.22	97.15
8412	1.60	7.25	3.00	133.45	-134.71	-2904.55	-34.00	179.30	255.66
8413	0.57	3.95	3.00	135.46	-61.15	-2281.48	-15.81	10.83	-196.67
8414	0.56	5.05	3.00	140.23	-71.78	-2514.41	-18.34	22.04	-61.41
8415	0.55	6.15	3.00	140.18	-95.07	-2726.01	-21.42	32.53	89.13

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]
8416	0.53	7.25	3.00	134.53	-132.15	-2915.44	-24.85	42.12	249.93
8417	-0.56	3.95	4.00	143.50	-25.81	-2495.46	-27.03	-124.68	-208.00
8418	-0.55	5.05	4.00	154.52	-25.66	-2756.52	-24.00	-122.56	-57.57
8419	-0.54	6.15	4.00	161.04	-39.48	-2990.30	-20.90	-118.39	110.83
8420	-0.52	7.25	4.00	162.15	-69.02	-3194.55	-17.94	-112.04	290.71
8421	-1.67	3.95	4.00	121.41	-29.70	-2451.01	-39.47	-250.34	-199.48
8422	-1.65	5.05	4.00	131.76	-30.23	-2710.30	-31.31	-258.49	-51.33
8423	-1.61	6.15	4.00	138.06	-44.42	-2943.36	-22.40	-261.84	114.32
8424	-1.57	7.25	4.00	139.49	-73.91	-3148.11	-13.34	-259.88	291.11
8425	-2.79	3.95	4.00	90.34	-36.34	-2382.31	-50.30	-368.09	-180.72
8426	-2.75	5.06	4.00	98.99	-38.16	-2637.44	-37.40	-385.86	-36.88
8427	-2.69	6.16	4.00	104.32	-53.09	-2868.42	-23.17	-396.33	123.65
8428	-2.62	7.25	4.00	105.67	-82.51	-3073.53	-8.57	-398.65	294.78
8429	-3.91	3.95	4.00	51.49	-45.64	-2292.49	-58.24	-474.58	-153.09
8430	-3.84	5.06	4.00	57.62	-49.25	-2541.47	-41.20	-500.89	-15.43
8431	-3.76	6.16	4.00	61.44	-65.15	-2769.35	-22.43	-517.77	137.83
8432	-3.67	7.25	4.00	62.44	-94.45	-2974.81	-3.15	-524.14	301.01
8433	-5.02	3.95	4.00	6.55	-57.39	-2185.75	-62.38	-566.75	-118.50
8434	-4.94	5.06	4.00	9.65	-63.14	-2427.24	-42.03	-600.21	11.33
8435	-4.84	6.16	4.00	11.62	-80.12	-2651.40	-19.71	-622.63	155.49
8436	-4.72	7.26	4.00	12.11	-109.13	-2857.37	3.12	-632.78	308.84
8437	-6.14	3.96	4.00	-42.23	-71.26	-2067.51	-62.30	-642.03	-79.21
8438	-6.04	5.06	4.00	-42.36	-79.29	-2300.84	-39.65	-681.14	41.46
8439	-5.92	6.16	4.00	-42.35	-97.29	-2521.08	-14.98	-708.20	175.09
8440	-5.77	7.26	4.00	-42.38	-125.73	-2727.84	10.11	-721.89	317.18
8441	-7.25	3.96	4.00	-91.99	-86.74	-1944.23	-58.08	-698.65	-37.58
8442	-7.14	5.07	4.00	-95.26	-97.01	-2169.34	-34.28	-741.94	72.92
8443	-6.99	6.17	4.00	-97.16	-115.81	-2385.85	-8.55	-772.77	195.03
8444	-6.82	7.26	4.00	-97.74	-143.33	-2593.74	17.43	-789.81	324.94
8445	-8.37	3.96	4.00	-139.52	-103.18	-1823.08	-50.30	-735.88	4.04
8446	-8.24	5.07	4.00	-145.62	-115.45	-2040.52	-26.55	-781.97	103.78
8447	-8.07	6.17	4.00	-149.24	-134.67	-2253.74	-1.12	-815.81	213.85
8448	-7.87	7.26	4.00	-150.34	-160.83	-2463.01	24.39	-836.10	331.13
8449	-9.49	3.96	4.00	-181.38	-119.79	-1711.52	-39.92	-754.04	43.53
8450	-9.33	5.07	4.00	-189.84	-133.64	-1922.25	-17.45	-801.75	132.30
8451	-9.14	6.17	4.00	-194.98	-152.81	-2132.77	6.42	-837.93	230.23
8452	-8.92	7.26	4.00	-196.66	-177.09	-2343.53	30.17	-861.29	334.86
8453	-10.60	3.96	4.00	-214.30	-135.63	-1616.72	-28.25	-754.37	79.03
8454	-10.43	5.07	4.00	-224.56	-150.51	-1821.99	-8.19	-802.69	156.96
8455	-10.22	6.17	4.00	-230.95	-169.06	-2030.41	12.93	-840.58	242.99
8456	-9.97	7.26	4.00	-233.31	-190.94	-2242.52	33.81	-866.79	335.28
8457	-11.72	3.96	4.00	-235.23	-149.71	-1545.06	-16.78	-738.50	108.90
8458	-11.53	5.08	4.00	-246.70	-164.93	-1746.21	-0.15	-786.60	176.38
8459	-11.29	6.18	4.00	-254.16	-182.25	-1953.04	17.23	-825.60	251.02
8460	-11.01	7.26	4.00	-257.42	-201.27	-2166.03	34.36	-854.35	331.55
8461	-12.83	3.96	4.00	-241.68	-160.92	-1501.52	-7.11	-707.85	131.63
8462	-12.63	5.08	4.00	-253.87	-175.74	-1699.79	5.28	-755.04	189.21
8463	-12.37	6.18	4.00	-262.30	-191.22	-1905.21	18.20	-794.59	253.14
8464	-12.06	7.26	4.00	-266.78	-206.96	-2118.15	30.95	-825.43	322.61
8465	-13.95	3.96	4.00	-231.94	-168.13	-1488.53	-0.65	-662.75	145.68
8466	-13.73	5.08	4.00	-244.54	-181.80	-1684.75	7.00	-708.55	193.97
8467	-13.45	6.18	4.00	-254.08	-194.92	-1888.46	15.08	-748.21	247.88
8468	-13.11	7.26	4.00	-260.35	-207.17	-2099.89	23.27	-780.73	307.06
8469	-15.07	3.96	4.00	-206.69	-170.50	-1504.77	1.84	-602.66	149.46
8470	-14.82	5.08	4.00	-219.73	-182.43	-1699.19	4.73	-646.95	189.16
8471	-14.52	6.18	4.00	-230.82	-192.90	-1900.32	8.09	-686.71	233.93
8472	-14.16	7.27	4.00	-239.61	-201.83	-2108.26	11.98	-720.98	283.68
8473	-16.18	3.96	4.00	-168.69	-167.44	-1543.56	0.56	-527.06	141.60
8474	-15.92	5.08	4.00	-182.30	-177.38	-1735.88	-0.88	-570.12	173.54
8475	-15.60	6.19	4.00	-195.31	-185.23	-1933.20	-1.57	-610.42	210.31
8476	-15.21	7.27	4.00	-207.30	-191.07	-2135.51	-1.41	-647.06	251.84
8477	-17.30	3.97	4.00	-125.46	-160.00	-1595.35	-2.96	-438.26	120.80
8478	-17.02	5.09	4.00	-139.76	-167.85	-1784.81	-7.54	-480.83	145.91
8479	-16.67	6.19	4.00	-154.89	-173.60	-1977.23	-11.21	-522.06	176.00
8480	-16.26	7.27	4.00	-170.39	-177.42	-2171.96	-13.45	-561.84	211.41
8481	-0.57	3.95	3.00	123.41	-62.18	-2265.35	-23.12	-108.07	-198.60
8482	-0.56	5.05	3.00	128.58	-72.81	-2498.60	-20.90	-105.63	-63.65
8483	-0.55	6.15	3.00	129.08	-96.05	-2710.74	-18.73	-101.48	86.67
8484	-0.53	7.25	3.00	124.13	-133.05	-2900.88	-16.76	-95.52	247.37
8485	-1.70	3.95	3.00	101.93	-66.02	-2226.87	-30.49	-223.12	-191.19
8486	-1.67	5.05	3.00	106.63	-77.16	-2458.90	-23.66	-229.43	-58.18
8487	-1.64	6.15	3.00	107.08	-100.63	-2670.69	-16.40	-231.69	89.89
8488	-1.60	7.25	3.00	102.57	-137.48	-2861.47	-9.21	-229.55	248.09
8489	-2.83	3.95	3.00	71.85	-72.61	-2167.80	-36.66	-331.15	-175.10
8490	-2.79	5.06	3.00	75.25	-84.73	-2396.90	-25.58	-345.73	-45.75
8491	-2.73	6.16	3.00	75.10	-108.65	-2607.54	-13.68	-354.16	98.10
8492	-2.67	7.25	3.00	70.77	-145.28	-2799.11	-1.72	-355.86	251.73
8493	-3.96	3.95	3.00	34.37	-81.85	-2091.10	-40.59	-429.17	-151.38
8494	-3.90	5.06	3.00	35.83	-95.30	-2315.88	-25.83	-451.24	-27.27
8495	-3.82	6.16	3.00	34.63	-119.82	-2524.74	-9.94	-465.39	110.58
8496	-3.73	7.25	3.00	30.27	-156.10	-2717.32	6.03	-470.85	257.81
8497	-5.09	3.95	3.00	-8.87	-93.49	-2000.76	-41.57	-514.58	-121.54
8498	-5.01	5.06	3.00	-9.79	-108.54	-2220.26	-23.86	-543.15	-4.02
8499	-4.92	6.16	3.00	-12.33	-133.69	-2426.98	-4.86	-562.45	126.36
8500	-4.80	7.25	3.00	-16.85	-169.45	-2620.85	14.20	-571.60	265.68
8501	-6.23	3.96	3.00	-55.78	-107.20	-1901.72	-39.23	-585.40	-87.34
8502	-6.13	5.06	3.00	-59.30	-123.93	-2115.49	-19.48	-619.35	22.52
8503	-6.01	6.16	3.00	-63.31	-149.65	-2320.01	1.60	-643.19	144.30
8504	-5.86	7.26	3.00	-68.07	-184.62	-2515.49	22.66	-655.98	274.60
8505	-7.36	3.96	3.00	-103.90	-122.49	-1799.77	-33.68	-640.37	-50.65
8506	-7.24	5.07	3.00	-109.99	-140.87	-2007.85	-12.87	-678.61	50.81
8507	-7.10	6.17	3.00	-115.47	-166.94	-2210.38	9.17	-706.42	163.24
8508	-6.93	7.26	3.00	-120.49	-200.80	-2407.80	31.05	-722.81	283.82
8509	-8.49	3.96	3.00	-150.41	-138.77	-1701.30	-25.38	-679.18	-13.29
8510	-8.36	5.07	3.00	-158.87	-158.57	-1904.18	-4.59	-720.68	79.37
8511	-8.19	6.17	3.00	-165.72	-184.69	-2105.13	17.26	-751.91	182.11
8512	-8.00	7.26	3.00	-171.01	-217.02	-2304.78	38.79	-771.88	292.65
8513	-9.62	3.96	3.00	-192.39	-155.33	-1612.98	-15.21	-702.40	23.09
8514	-9.47	5.07	3.00	-202.84	-176.19	-1811.53	4.50	-746.26	106.88

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]
8515	-9.28	6.17	3.00	-210.87	-201.90	-2011.47	25.02	-780.43	199.92
8516	-9.06	7.26	3.00	-216.45	-232.22	-2213.53	45.05	-803.89	300.48
8517	-10.75	3.96	3.00	-226.82	-171.33	-1541.45	-4.38	-711.34	57.01
8518	-10.59	5.07	3.00	-238.79	-192.72	-1736.81	13.23	-756.79	132.16
8519	-10.38	6.17	3.00	-247.76	-217.49	-1936.36	31.35	-793.40	215.79
8520	-10.13	7.26	3.00	-253.66	-245.26	-2140.86	48.84	-820.15	306.64
8521	-11.89	3.96	3.00	-250.63	-185.80	-1493.09	5.63	-707.63	87.19
8522	-11.70	5.07	3.00	-263.57	-207.06	-1686.54	20.15	-753.97	154.10
8523	-11.47	6.18	3.00	-273.21	-230.24	-1886.27	34.90	-792.48	228.78
8524	-11.19	7.26	3.00	-279.44	-254.90	-2092.96	48.95	-822.12	310.33
8525	-13.02	3.96	3.00	-260.55	-197.61	-1473.59	13.03	-692.39	112.30
8526	-12.81	5.08	3.00	-273.89	-217.92	-1666.35	23.61	-738.92	171.43
8527	-12.56	6.18	3.00	-283.98	-238.76	-1866.59	34.16	-778.65	237.61
8528	-12.26	7.26	3.00	-290.66	-259.68	-2074.82	44.01	-810.52	310.26
8529	-14.15	3.96	3.00	-253.07	-205.37	-1487.27	15.93	-664.93	130.63
8530	-13.93	5.08	3.00	-266.40	-223.81	-1680.17	21.86	-710.91	182.28
8531	-13.65	6.18	3.00	-276.90	-241.52	-1880.66	27.62	-751.00	240.21
8532	-13.33	7.26	3.00	-284.40	-258.13	-2089.02	32.87	-784.15	304.08
8533	-15.28	3.96	3.00	-225.24	-207.21	-1532.77	12.72	-620.26	139.32
8534	-15.04	5.08	3.00	-238.55	-222.88	-1725.67	13.73	-664.88	183.44
8535	-14.75	6.18	3.00	-249.99	-236.83	-1925.03	14.60	-704.62	233.06
8536	-14.39	7.26	3.00	-259.32	-248.91	-2130.95	15.38	-738.41	287.96
8537	-16.41	3.96	3.00	-183.68	-202.87	-1601.78	4.21	-554.32	135.38
8538	-16.16	5.08	3.00	-197.73	-215.54	-1793.73	0.94	-597.50	171.96
8539	-15.84	6.19	3.00	-211.31	-225.89	-1990.06	-2.03	-637.18	213.54
8540	-15.46	7.27	3.00	-224.08	-233.95	-2190.66	-4.61	-672.35	259.81
8541	-17.55	3.96	3.00	-131.97	-191.13	-1675.51	-9.00	-464.84	116.63
8542	-17.27	5.09	3.00	-146.68	-200.49	-1865.17	-15.41	-507.03	145.66
8543	-16.93	6.19	3.00	-162.31	-207.55	-2057.20	-21.24	-547.06	179.66
8544	-16.52	7.27	3.00	-178.41	-212.48	-2250.96	-26.07	-584.75	218.67
8545	15.89	8.10	4.00	-391.15	193.71	-2482.24	-575.53	904.85	371.60
8546	15.59	8.70	4.00	-20.97	402.05	-2617.08	-258.14	931.65	105.21
8547	14.87	8.10	4.00	-180.13	146.09	-2656.81	-230.10	732.55	281.11
8548	14.59	8.70	4.00	-61.06	89.47	-2775.05	-190.58	766.35	290.08
8549	13.84	8.10	4.00	-147.73	-9.44	-2528.34	-187.64	771.28	343.68
8550	13.58	8.70	4.00	-106.73	-39.19	-2654.34	-180.81	802.06	367.78
8551	12.82	8.10	4.00	-148.29	-84.69	-2483.89	-177.27	823.36	381.14
8552	12.57	8.70	4.00	-132.21	-101.68	-2616.49	-175.59	846.91	415.33
8553	11.79	8.10	4.00	-148.00	-126.34	-2483.82	-169.87	863.36	408.78
8554	11.57	8.70	4.00	-140.54	-141.66	-2616.92	-173.03	881.92	449.89
8555	10.77	8.10	4.00	-137.75	-149.45	-2520.28	-162.20	887.80	428.97
8556	10.56	8.70	4.00	-134.18	-164.79	-2651.05	-168.50	902.00	476.80
8557	9.74	8.10	4.00	-115.68	-160.10	-2587.21	-152.22	894.20	443.50
8558	9.56	8.70	4.00	-114.31	-176.97	-2713.67	-161.03	904.83	498.05
8559	8.71	8.10	4.00	-83.13	-162.12	-2678.25	-139.82	880.48	453.31
8560	8.55	8.70	4.00	-83.39	-180.90	-2799.30	-150.58	887.90	514.45
8561	7.69	8.10	4.00	-42.79	-158.02	-2786.00	-125.41	844.93	459.08
8562	7.54	8.70	4.00	-44.42	-178.79	-2900.97	-137.40	849.83	526.92
8563	6.66	8.10	4.00	1.83	-149.92	-2902.28	-109.69	786.67	461.36
8564	6.54	8.70	4.00	-1.00	-172.69	-3011.02	-122.23	789.81	535.76
8565	5.64	8.10	4.00	47.06	-139.60	-3018.66	-93.48	705.82	460.60
8566	5.53	8.70	4.00	43.15	-164.22	-3121.48	-105.90	707.96	541.30
8567	4.61	8.10	4.00	89.12	-128.62	-3126.95	-77.58	603.68	457.44
8568	4.53	8.70	4.00	84.37	-154.78	-3224.51	-89.10	605.52	543.93
8569	3.59	8.10	4.00	124.71	-118.27	-3219.68	-62.58	482.83	452.64
8570	3.52	8.70	4.00	119.39	-145.70	-3312.97	-72.52	484.94	544.17
8571	2.56	8.10	4.00	151.09	-109.68	-3290.66	-48.91	346.84	447.06
8572	2.51	8.70	4.00	145.51	-138.04	-3380.85	-56.60	349.62	542.65
8573	1.54	8.10	4.00	166.31	-103.71	-3335.20	-36.67	200.12	441.55
8574	1.51	8.70	4.00	160.77	-132.66	-3423.54	-41.62	203.77	539.98
8575	0.51	8.10	4.00	169.21	-100.96	-3350.38	-25.75	47.53	436.86
8576	0.50	8.70	4.00	164.00	-130.17	-3438.13	-27.65	52.07	536.76
8577	16.16	8.10	3.00	461.68	314.66	-2211.24	-358.53	1236.73	253.73
8578	15.87	8.70	3.00	687.88	443.15	-2388.20	-256.79	1347.35	-11.36
8579	15.12	8.10	3.00	245.98	144.63	-2583.08	-192.21	949.70	254.06
8580	14.84	8.70	3.00	282.64	65.94	-2709.73	-212.89	962.04	241.37
8581	14.08	8.10	3.00	67.29	-56.20	-2552.02	-183.20	850.38	316.56
8582	13.82	8.70	3.00	65.75	-93.39	-2673.84	-202.14	875.45	340.11
8583	13.03	8.10	3.00	-38.95	-140.04	-2476.45	-187.09	851.76	358.23
8584	12.80	8.70	3.00	-45.61	-158.80	-2604.27	-195.27	876.30	396.51
8585	11.99	8.10	3.00	-91.09	-183.99	-2441.64	-183.81	863.45	382.41
8586	11.77	8.70	3.00	-96.83	-201.41	-2571.26	-190.57	884.55	427.03
8587	10.95	8.10	3.00	-108.38	-208.29	-2444.63	-176.74	866.75	395.64
8588	10.75	8.70	3.00	-113.81	-226.24	-2572.06	-184.31	883.77	445.88
8589	9.91	8.10	3.00	-102.83	-219.81	-2479.43	-166.26	857.22	402.86
8590	9.72	8.70	3.00	-108.43	-239.51	-2602.71	-175.16	870.67	458.47
8591	8.86	8.10	3.00	-81.87	-222.59	-2539.07	-152.93	832.37	406.18
8592	8.70	8.70	3.00	-87.86	-244.17	-2657.19	-163.00	842.48	466.95
8593	7.82	8.10	3.00	-50.87	-219.41	-2616.16	-137.48	790.39	406.76
8594	7.68	8.70	3.00	-57.41	-242.94	-2728.62	-148.35	797.76	472.77
8595	6.78	8.10	3.00	-14.35	-212.45	-2703.04	-120.76	730.25	405.24
8596	6.65	8.70	3.00	-21.53	-237.86	-2809.77	-131.93	735.56	476.36
8597	5.73	8.10	3.00	23.60	-203.43	-2792.10	-103.55	651.78	402.02
8598	5.63	8.70	3.00	15.80	-230.53	-2893.41	-114.46	655.71	478.05
8599	4.69	8.10	3.00	59.35	-193.79	-2876.13	-86.51	555.86	397.56
8600	4.61	8.70	3.00	51.00	-222.34	-2972.63	-96.59	559.07	478.10
8601	3.65	8.10	3.00	89.72	-184.71	-2948.63	-70.17	444.43	392.38
8602	3.58	8.70	3.00	81.01	-214.45	-3041.18	-78.84	447.45	476.86
8603	2.61	8.10	3.00	112.17	-177.19	-3004.17	-54.85	320.34	387.07
8604	2.56	8.70	3.00	103.29	-207.81	-3093.80	-61.62	323.59	474.71
8605	1.56	8.10	3.00	124.81	-171.97	-3038.63	-40.68	187.18	382.20
8606	1.54	8.70	3.00	116.00	-203.17	-3126.46	-45.15	190.91	472.05
8607	0.52	8.10	3.00	126.46	-169.60	-3049.41	-27.62	49.00	378.30
8608	0.51	8.70	3.00	117.99	-201.07	-3136.58	-29.53	53.29	469.30
8609	-0.51	8.10	4.00	159.44	-101.83	-3335.11	-15.86	-105.86	433.50
8610	-0.50	8.70	4.00	154.74	-130.98	-3423.50	-14.58	-100.50	533.47
8611	-1.54	8.10	4.00	137.38	-106.39	-3290.04	-6.60	-255.00	431.59
8612	-1.51	8.70	4.00	133.35	-135.13	-3380.21	-2.24	-248.95	530.19
8613	-2.56	8.10	4.00	104.11	-114.42	-3217.52	2.39	-395.22	430.92



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]
8614	-2.51	8.70	4.00	100.91	-142.41	-3310.50	9.56	-388.80	526.73
8615	-3.59	8.10	4.00	61.38	-125.53	-3121.48	11.33	-522.32	431.04
8616	-3.52	8.70	4.00	59.15	-152.45	-3218.20	20.87	-515.90	522.86
8617	-4.61	8.10	4.00	11.57	-139.07	-3007.33	20.25	-632.76	431.30
8618	-4.53	8.70	4.00	10.36	-164.56	-3108.51	31.53	-626.79	518.16
8619	-5.64	8.10	4.00	-42.42	-154.19	-2881.57	28.90	-723.93	431.00
8620	-5.53	8.70	4.00	-42.60	-177.96	-2987.74	41.27	-718.92	512.15
8621	-6.66	8.10	4.00	-97.32	-169.95	-2751.55	36.84	-794.22	429.41
8622	-6.54	8.70	4.00	-96.51	-191.65	-2862.92	49.57	-790.70	504.37
8623	-7.69	8.10	4.00	-149.55	-185.23	-2624.96	43.38	-843.18	425.90
8624	-7.54	8.70	4.00	-147.97	-204.60	-2741.45	55.86	-841.64	494.43
8625	-8.71	8.10	4.00	-195.73	-198.88	-2509.34	47.77	-871.29	419.93
8626	-8.55	8.70	4.00	-193.62	-215.75	-2630.50	59.38	-872.15	481.93
8627	-9.74	8.10	4.00	-232.58	-209.74	-2411.59	49.25	-879.75	410.88
8628	-9.56	8.70	4.00	-230.30	-223.76	-2536.56	59.39	-883.33	466.59
8629	-10.77	8.10	4.00	-257.28	-216.91	-2337.36	47.07	-870.17	398.00
8630	-10.56	8.70	4.00	-255.40	-228.08	-2465.08	55.52	-876.31	447.47
8631	-11.79	8.10	4.00	-267.77	-219.25	-2290.28	40.49	-843.95	380.51
8632	-11.57	8.70	4.00	-266.90	-227.73	-2419.12	47.03	-852.84	424.00
8633	-12.82	8.10	4.00	-263.17	-216.09	-2271.01	29.63	-801.59	357.00
8634	-12.57	8.70	4.00	-263.80	-221.77	-2399.04	34.18	-813.23	395.42
8635	-13.84	8.10	4.00	-244.99	-207.85	-2276.31	15.49	-744.22	326.25
8636	-13.58	8.70	4.00	-247.86	-211.34	-2402.16	18.44	-757.96	359.61
8637	-14.87	8.10	4.00	-215.81	-194.81	-2298.36	-0.47	-673.19	287.79
8638	-14.59	8.70	4.00	-221.36	-196.70	-2420.11	1.10	-689.93	316.80
8639	-15.89	8.10	4.00	-182.50	-178.67	-2327.21	-14.20	-591.70	241.47
8640	-15.59	8.70	4.00	-191.00	-179.50	-2443.44	-14.14	-610.98	265.87
8641	-0.52	8.10	3.00	116.70	-170.44	-3035.47	-15.47	-89.89	375.75
8642	-0.51	8.70	3.00	108.73	-201.85	-3123.14	-14.72	-85.09	466.82
8643	-1.56	8.10	3.00	95.79	-174.54	-2997.35	-3.98	-225.18	374.65
8644	-1.54	8.70	3.00	88.48	-205.58	-3086.59	-0.66	-219.97	464.65
8645	-2.61	8.10	3.00	64.64	-181.73	-2937.03	7.08	-352.91	374.85
8646	-2.56	8.70	3.00	58.17	-212.09	-3028.81	12.76	-347.59	462.68
8647	-3.65	8.10	3.00	24.79	-191.69	-2857.96	17.84	-469.57	376.09
8648	-3.58	8.70	3.00	19.27	-221.06	-2953.13	25.50	-464.50	460.81
8649	-4.69	8.10	3.00	-21.69	-203.87	-2764.80	28.29	-572.26	377.99
8650	-4.61	8.70	3.00	-26.20	-231.96	-2864.04	37.43	-567.88	458.84
8651	-5.73	8.10	3.00	-72.29	-217.57	-2663.22	38.19	-658.88	380.09
8652	-5.63	8.70	3.00	-75.78	-244.06	-2767.03	48.27	-655.66	456.49
8653	-6.78	8.10	3.00	-124.13	-231.93	-2559.64	47.15	-728.28	381.95
8654	-6.65	8.70	3.00	-126.67	-256.54	-2668.27	57.58	-726.70	453.52
8655	-7.82	8.10	3.00	-174.17	-245.99	-2460.84	54.55	-780.23	383.17
8656	-7.68	8.70	3.00	-175.88	-268.44	-2574.28	64.74	-780.72	449.71
8657	-8.86	8.10	3.00	-219.27	-258.62	-2373.67	59.61	-815.32	383.39
8658	-8.70	8.70	3.00	-220.34	-278.68	-2491.65	69.01	-818.21	444.80
8659	-9.91	8.10	3.00	-256.33	-268.65	-2304.71	61.43	-834.66	382.11
8660	-9.72	8.70	3.00	-256.97	-285.92	-2426.62	69.46	-840.16	438.56
8661	-10.95	8.10	3.00	-282.19	-274.94	-2259.84	58.97	-839.47	378.51
8662	-10.75	8.70	3.00	-282.78	-289.21	-2384.89	65.32	-847.29	429.91
8663	-11.99	8.10	3.00	-293.78	-276.00	-2243.55	50.92	-830.32	371.41
8664	-11.77	8.70	3.00	-294.79	-287.28	-2370.36	55.36	-840.40	417.67
8665	-13.03	8.10	3.00	-288.42	-270.34	-2257.82	36.44	-805.55	358.19
8666	-12.80	8.70	3.00	-290.19	-278.31	-2384.45	38.77	-817.56	399.79
8667	-14.08	8.10	3.00	-265.28	-257.19	-2297.15	15.96	-760.90	334.70
8668	-13.82	8.70	3.00	-268.66	-262.10	-2421.57	16.47	-773.76	370.95
8669	-15.12	8.10	3.00	-233.38	-239.25	-2351.57	-6.21	-696.68	299.35
8670	-14.84	8.70	3.00	-239.94	-242.39	-2471.57	-6.52	-711.75	330.95
8671	-16.16	8.10	3.00	-191.16	-214.47	-2405.09	-29.12	-612.28	251.25
8672	-15.87	8.70	3.00	-200.21	-215.74	-2520.27	-30.98	-629.22	277.41
8673	10.74	9.43	3.00	-122.97	-239.56	-2731.31	-192.49	900.67	501.67
8674	11.69	9.39	3.00	-104.97	-210.87	-2728.68	-196.99	902.54	473.24
8675	12.64	9.35	3.00	-59.15	-168.77	-2751.27	-202.08	896.07	434.87
8676	10.93	10.30	3.00	-137.23	-243.11	-2931.73	-197.45	916.15	559.36
8677	11.76	10.18	3.00	-117.73	-208.92	-2918.86	-199.76	915.50	517.79
8678	12.58	10.05	3.00	-79.72	-164.38	-2918.40	-205.44	908.33	468.30
8679	11.10	11.18	3.00	-155.67	-232.61	-3154.65	-190.04	920.88	605.89
8680	11.80	10.97	3.00	-138.81	-197.69	-3120.49	-191.40	917.82	555.24
8681	12.49	10.74	3.00	-111.62	-154.55	-3089.48	-196.97	909.82	498.99
8682	0.52	9.79	3.00	95.59	-264.97	-3287.51	-33.36	63.55	633.45
8683	1.56	9.78	3.00	92.92	-265.61	-3275.97	-54.14	204.64	632.05
8684	2.60	9.76	3.00	79.39	-267.76	-3242.00	-75.06	339.85	627.78
8685	3.64	9.74	3.00	56.47	-270.92	-3188.63	-95.70	465.21	620.71
8686	4.67	9.71	3.00	26.35	-274.37	-3120.23	-115.61	577.38	610.92
8687	5.69	9.67	3.00	-8.19	-277.21	-3042.24	-134.28	673.89	598.57
8688	6.72	9.63	3.00	-43.91	-278.40	-2960.82	-151.19	753.23	583.84
8689	7.74	9.59	3.00	-77.24	-276.75	-2882.51	-165.83	814.86	566.89
8690	8.75	9.54	3.00	-104.29	-270.87	-2813.78	-177.77	859.17	547.74
8691	9.76	9.48	3.00	-120.83	-259.24	-2760.75	-186.72	887.25	526.05
8692	0.55	11.37	3.00	53.48	-363.21	-3500.92	-38.43	80.38	854.71
8693	1.65	11.34	3.00	49.90	-360.88	-3487.54	-65.69	227.86	847.31
8694	2.73	11.29	3.00	35.24	-357.90	-3451.71	-92.00	367.80	832.96
8695	3.81	11.22	3.00	11.56	-353.89	-3396.97	-116.44	496.00	812.29
8696	4.87	11.13	3.00	-18.41	-348.32	-3328.07	-138.26	609.15	786.14
8697	5.92	11.03	3.00	-51.43	-340.61	-3250.53	-156.85	705.04	755.43
8698	6.96	10.91	3.00	-83.96	-330.03	-3170.19	-171.83	782.51	721.04
8699	7.99	10.77	3.00	-112.35	-315.78	-3092.76	-183.03	841.40	683.69
8700	9.01	10.62	3.00	-132.95	-296.97	-3023.41	-190.62	882.39	643.75
8701	10.01	10.45	3.00	-141.89	-272.53	-2966.36	-195.18	906.80	601.07
8702	0.57	12.96	3.00	-1.44	-447.13	-3746.13	-41.50	94.97	1051.97
8703	1.71	12.91	3.00	-5.24	-441.81	-3733.09	-72.39	244.47	1040.04
8704	2.84	12.82	3.00	-19.35	-433.02	-3698.86	-101.39	385.68	1017.31
8705	3.95	12.71	3.00	-41.49	-420.72	-3646.72	-127.18	514.36	984.93
8706	5.05	12.57	3.00	-68.72	-404.89	-3580.93	-148.79	627.27	944.30
8707	6.12	12.40	3.00	-97.69	-385.50	-3506.24	-165.64	722.26	896.95
8708	7.18	12.20	3.00	-124.92	-362.43	-3427.42	-177.56	798.24	844.28
8709	8.23	11.97	3.00	-147.02	-335.50	-3348.82	-184.81	855.06	787.43
8710	9.25	11.71	3.00	-160.85	-304.28	-3273.99	-188.19	893.35	727.13
8711	10.25	11.43	3.00	-163.61	-268.42	-3205.39	-189.42	914.49	663.47
8712	0.59	14.55	3.00	-63.93	-479.97	-4062.93	-40.99	107.22	1211.44

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]
8713	1.77	14.48	3.00	-67.09	-472.66	-4050.93	-70.95	253.98	1196.27
8714	2.93	14.37	3.00	-78.74	-459.38	-4018.61	-98.54	392.54	1166.84
8715	4.08	14.22	3.00	-96.78	-440.60	-3968.46	-122.28	518.73	1124.62
8716	5.20	14.02	3.00	-118.49	-416.93	-3903.65	-141.14	629.32	1071.42
8717	6.30	13.79	3.00	-140.86	-389.02	-3827.66	-154.67	722.09	1009.18
8718	7.38	13.51	3.00	-160.88	-357.48	-3743.89	-162.97	795.81	939.84
8719	8.44	13.18	3.00	-175.82	-322.74	-3655.28	-166.73	850.20	865.10
8720	9.47	12.82	3.00	-183.44	-284.94	-3564.13	-167.27	885.84	786.32
8721	10.47	12.43	3.00	-182.17	-243.10	-3471.80	-166.62	904.12	704.31
8722	0.61	16.14	3.00	-126.45	-442.96	-4461.28	-36.31	116.38	1303.94
8723	1.81	16.07	3.00	-128.17	-435.48	-4449.95	-60.78	254.40	1286.90
8724	3.00	15.93	3.00	-135.96	-421.41	-4417.11	-83.14	385.06	1253.19
8725	4.17	15.74	3.00	-148.20	-401.57	-4364.33	-102.09	504.49	1204.44
8726	5.33	15.49	3.00	-162.82	-376.96	-4293.74	-116.77	609.58	1142.72
8727	6.45	15.19	3.00	-177.58	-348.59	-4207.73	-126.90	698.12	1070.41
8728	7.56	14.83	3.00	-190.31	-317.41	-4108.70	-132.78	768.84	989.94
8729	8.63	14.41	3.00	-199.17	-284.10	-3998.91	-135.27	821.41	903.68
8730	9.67	13.95	3.00	-202.72	-248.79	-3880.31	-135.66	856.45	813.69
8731	10.67	13.43	3.00	-200.32	-210.93	-3754.56	-135.61	875.53	721.57
8732	0.61	17.73	3.00	-178.85	-356.15	-4872.20	-28.56	121.61	1292.47
8733	1.84	17.65	3.00	-178.93	-349.68	-4861.52	-46.06	243.55	1275.53
8734	3.05	17.50	3.00	-182.73	-337.69	-4826.55	-62.22	359.97	1242.01
8735	4.25	17.27	3.00	-189.29	-321.00	-4768.28	-75.95	467.61	1193.46
8736	5.42	16.97	3.00	-197.29	-300.47	-4688.14	-86.57	563.78	1131.85
8737	6.58	16.60	3.00	-205.27	-277.02	-4587.91	-93.85	646.46	1059.44
8738	7.70	16.16	3.00	-211.79	-251.47	-4469.61	-98.01	714.39	978.71
8739	8.79	15.66	3.00	-215.58	-224.36	-4335.34	-99.70	767.07	892.07
8740	9.85	15.08	3.00	-215.69	-195.85	-4187.23	-99.90	804.76	801.71
8741	10.86	14.45	3.00	-211.19	-165.03	-4027.33	-99.58	828.39	709.19
8742	15.44	9.49	3.00	407.67	422.59	-2717.78	-499.90	1120.81	-88.74
8743	14.86	10.46	3.00	-127.44	150.00	-3105.28	-209.34	862.88	190.14
8744	14.22	11.40	3.00	-141.85	25.01	-3311.01	-142.33	850.86	331.35
8745	14.51	9.43	3.00	167.10	-2.92	-2864.72	-273.44	941.83	252.03
8746	14.11	10.27	3.00	-5.50	7.58	-3038.02	-256.77	903.70	316.75
8747	13.66	11.08	3.00	-128.08	-40.35	-3224.30	-186.60	877.88	397.28
8748	13.58	9.36	3.00	26.14	-99.23	-2806.74	-218.93	893.21	373.21
8749	13.36	10.07	3.00	-31.77	-100.78	-2960.82	-220.61	901.98	406.99
8750	13.11	10.78	3.00	-94.94	-100.35	-3122.07	-201.46	897.38	446.37
8751	11.80	13.76	3.00	-201.98	-132.31	-3859.50	-101.13	840.06	618.96
8752	11.56	12.90	3.00	-192.50	-174.03	-3628.79	-137.81	882.07	636.72
8753	11.31	12.05	3.00	-173.13	-204.03	-3388.93	-167.10	908.01	631.94
8754	12.67	13.03	3.00	-189.27	-94.66	-3686.01	-106.27	843.78	528.88
8755	12.33	12.36	3.00	-179.76	-136.24	-3504.84	-143.98	881.25	557.73
8756	11.99	11.69	3.00	-158.40	-168.54	-3315.36	-170.13	905.05	568.78
8757	13.49	12.25	3.00	-173.11	-46.69	-3506.43	-117.50	842.19	434.30
8758	13.07	11.78	3.00	-159.77	-89.66	-3378.01	-155.63	876.55	475.90
8759	12.65	11.32	3.00	-138.13	-128.41	-3241.84	-179.04	897.77	501.68
8760	10.55	9.42	4.00	-134.89	-176.92	-2802.49	-175.86	910.80	525.70
8761	11.49	9.38	4.00	-136.39	-151.58	-2768.92	-177.35	893.56	489.81
8762	12.42	9.34	4.00	-123.27	-114.42	-2761.26	-177.59	863.89	448.40
8763	10.73	10.27	4.00	-139.88	-182.02	-2982.14	-181.27	912.90	570.34
8764	11.54	10.15	4.00	-136.31	-153.30	-2943.43	-180.26	897.16	524.64
8765	12.35	10.02	4.00	-121.48	-116.78	-2919.27	-180.06	873.09	475.96
8766	10.89	11.13	4.00	-147.12	-177.27	-3178.57	-178.96	906.63	602.72
8767	11.58	10.92	4.00	-142.18	-148.64	-3125.73	-177.31	894.06	552.56
8768	12.26	10.70	4.00	-130.79	-115.18	-3079.70	-178.37	875.99	500.64
8769	0.51	9.77	4.00	147.85	-191.41	-3579.59	-31.36	62.68	710.71
8770	1.54	9.76	4.00	143.82	-192.45	-3563.32	-51.21	217.38	709.09
8771	2.56	9.74	4.00	127.55	-195.33	-3518.96	-71.21	365.05	703.53
8772	3.57	9.72	4.00	100.66	-199.43	-3450.00	-90.96	500.92	694.04
8773	4.58	9.69	4.00	65.47	-203.95	-3361.50	-109.90	620.92	680.59
8774	5.59	9.65	4.00	24.97	-207.90	-3259.73	-127.46	721.91	663.28
8775	6.60	9.62	4.00	-17.36	-210.20	-3151.77	-143.02	801.94	642.26
8776	7.60	9.57	4.00	-57.95	-209.63	-3044.96	-156.01	860.14	617.76
8777	8.59	9.52	4.00	-93.10	-204.89	-2946.46	-165.96	896.78	589.98
8778	9.59	9.47	4.00	-119.55	-194.67	-2862.77	-172.62	913.00	558.98
8779	0.54	11.31	4.00	115.42	-286.12	-3767.68	-36.28	79.59	932.51
8780	1.61	11.28	4.00	110.32	-284.17	-3749.40	-63.48	239.47	924.10
8781	2.68	11.23	4.00	92.69	-281.80	-3702.86	-89.58	390.40	906.87
8782	3.73	11.16	4.00	64.77	-278.57	-3632.28	-113.59	527.30	881.54
8783	4.78	11.07	4.00	29.55	-273.96	-3543.20	-134.64	646.19	849.11
8784	5.81	10.97	4.00	-9.50	-267.34	-3442.05	-152.08	744.30	810.71
8785	6.83	10.86	4.00	-48.62	-258.06	-3335.55	-165.50	820.22	767.52
8786	7.84	10.72	4.00	-84.22	-245.47	-3230.20	-174.73	873.73	720.64
8787	8.84	10.58	4.00	-112.96	-228.87	-3131.76	-180.01	905.67	670.95
8788	9.83	10.41	4.00	-132.00	-207.56	-3044.90	-181.89	917.72	619.11
8789	0.56	12.86	4.00	71.49	-366.40	-3973.00	-39.26	93.17	1109.42
8790	1.68	12.81	4.00	66.15	-361.44	-3955.26	-70.90	252.42	1096.17
8791	2.79	12.73	4.00	49.06	-353.20	-3910.70	-100.40	401.94	1069.77
8792	3.88	12.62	4.00	22.65	-341.70	-3843.32	-126.32	536.69	1031.70
8793	4.95	12.48	4.00	-9.87	-326.99	-3758.14	-147.63	652.83	983.77
8794	6.01	12.31	4.00	-44.94	-309.18	-3660.77	-163.73	747.86	928.00
8795	7.05	12.12	4.00	-78.91	-288.33	-3556.84	-174.49	820.61	866.38
8796	8.07	11.89	4.00	-108.49	-264.44	-3451.50	-180.29	871.14	800.73
8797	9.07	11.65	4.00	-130.85	-237.39	-3349.05	-181.95	900.54	732.58
8798	10.06	11.37	4.00	-143.86	-207.13	-3252.81	-181.01	910.84	663.03
8799	0.58	14.40	4.00	19.93	-404.81	-4232.82	-39.09	103.43	1230.09
8800	1.74	14.34	4.00	15.27	-397.88	-4216.51	-71.09	256.35	1213.90
8801	2.87	14.23	4.00	0.52	-385.31	-4174.80	-100.44	399.89	1181.49
8802	4.00	14.09	4.00	-22.04	-367.68	-4110.80	-125.57	529.30	1134.75
8803	5.10	13.89	4.00	-49.49	-345.70	-4028.41	-145.40	640.93	1076.01
8804	6.18	13.66	4.00	-78.60	-320.13	-3931.96	-159.45	732.40	1007.88
8805	7.24	13.39	4.00	-106.23	-291.72	-3825.74	-167.87	802.61	932.94
8806	8.28	13.08	4.00	-129.60	-261.02	-3713.67	-171.40	851.64	853.62
8807	9.29	12.73	4.00	-146.50	-228.32	-3599.06	-171.27	880.63	772.01
8808	10.27	12.34	4.00	-155.51	-193.00	-3484.56	-169.27	891.60	689.65
8809	0.59	15.95	4.00	-33.37	-388.64	-4554.30	-35.42	110.39	1285.22
8810	1.77	15.88	4.00	-36.65	-381.23	-4539.37	-64.04	251.60	1267.81
8811	2.94	15.75	4.00	-47.80	-367.37	-4498.95	-90.21	384.72	1232.80

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]
8812	4.09	15.57	4.00	-65.03	-347.91	-4435.15	-112.44	505.52	1182.13
8813	5.22	15.32	4.00	-86.01	-323.94	-4350.75	-129.75	610.68	1118.28
8814	6.33	15.03	4.00	-108.24	-296.58	-4248.91	-141.74	697.94	1044.07
8815	7.41	14.68	4.00	-129.23	-266.86	-4132.93	-148.67	766.14	962.39
8816	8.46	14.28	4.00	-146.81	-235.56	-4006.00	-151.32	815.21	876.01
8817	9.48	13.82	4.00	-159.29	-202.99	-3871.07	-150.90	846.04	787.33
8818	10.47	13.32	4.00	-165.58	-168.71	-3730.79	-148.90	860.39	698.21
8819	0.60	17.50	4.00	-83.90	-340.69	-4897.98	-29.17	114.55	1273.47
8820	1.80	17.43	4.00	-85.58	-333.81	-4884.63	-53.17	239.52	1256.37
8821	2.99	17.28	4.00	-92.90	-320.95	-4844.61	-75.35	358.51	1222.25
8822	4.16	17.06	4.00	-104.70	-303.05	-4779.22	-94.38	467.99	1172.79
8823	5.31	16.77	4.00	-119.37	-281.12	-4690.30	-109.36	565.08	1110.15
8824	6.45	16.41	4.00	-135.10	-256.27	-4580.16	-119.90	647.68	1036.89
8825	7.55	15.98	4.00	-150.09	-229.54	-4451.38	-126.17	714.50	955.72
8826	8.62	15.48	4.00	-162.70	-201.73	-4306.70	-128.78	765.11	869.35
8827	9.65	14.93	4.00	-171.65	-173.22	-4148.91	-128.79	799.90	780.22
8828	10.65	14.31	4.00	-175.94	-143.51	-3980.79	-127.37	819.94	690.26
8829	15.16	9.48	4.00	85.98	317.88	-2881.50	-365.19	890.05	62.62
8830	14.59	10.43	4.00	-114.05	114.18	-3123.04	-206.35	823.14	254.66
8831	13.96	11.33	4.00	-138.35	21.31	-3273.71	-154.44	817.57	351.54
8832	14.25	9.42	4.00	-33.08	28.22	-2884.83	-202.01	806.87	319.77
8833	13.85	10.23	4.00	-66.16	8.88	-3021.90	-204.83	832.43	359.90
8834	13.41	11.03	4.00	-125.71	-26.96	-3188.39	-172.05	836.37	409.55
8835	13.34	9.35	4.00	-94.18	-54.15	-2793.59	-181.98	829.03	397.07
8836	13.12	10.05	4.00	-98.72	-68.71	-2947.51	-185.09	848.50	424.61
8837	12.87	10.73	4.00	-118.45	-74.96	-3100.73	-179.35	856.94	455.16
8838	11.58	13.64	4.00	-174.93	-113.24	-3807.31	-126.99	827.54	604.13
8839	11.34	12.80	4.00	-165.18	-136.13	-3594.60	-147.83	862.03	617.83
8840	11.10	11.97	4.00	-156.31	-160.67	-3384.96	-167.67	888.93	619.42
8841	12.43	12.93	4.00	-169.66	-79.30	-3631.66	-129.16	826.60	520.47
8842	12.10	12.27	4.00	-159.37	-103.38	-3464.76	-149.40	856.04	545.18
8843	11.77	11.62	4.00	-151.02	-131.38	-3300.26	-167.33	880.25	560.69
8844	13.24	12.17	4.00	-159.81	-37.95	-3456.14	-136.02	819.53	436.28
8845	12.83	11.71	4.00	-146.94	-64.65	-3336.12	-154.76	844.72	472.79
8846	12.42	11.26	4.00	-140.33	-97.89	-3218.67	-169.82	866.66	501.00
8847	-10.73	9.45	3.00	-286.25	-303.67	-2542.83	68.85	-851.24	490.09
8848	-11.68	9.40	3.00	-295.30	-296.45	-2526.40	56.14	-844.52	468.55
8849	-12.63	9.36	3.00	-290.20	-284.04	-2531.89	38.19	-823.02	442.42
8850	-10.89	10.34	3.00	-290.49	-315.19	-2741.00	66.24	-849.97	556.42
8851	-11.72	10.21	3.00	-293.62	-301.29	-2714.92	51.12	-841.35	522.14
8852	-12.55	10.07	3.00	-287.13	-284.99	-2700.28	33.24	-820.59	484.56
8853	-11.04	11.22	3.00	-290.22	-314.10	-2959.36	55.80	-838.44	612.00
8854	-11.76	11.00	3.00	-289.45	-297.98	-2913.91	41.39	-829.61	568.54
8855	-12.46	10.77	3.00	-282.99	-280.92	-2872.48	26.22	-811.32	523.30
8856	-0.52	9.79	3.00	86.81	-265.63	-3274.86	-13.35	-77.52	630.96
8857	-1.55	9.79	3.00	67.13	-268.16	-3238.65	5.65	-214.75	625.64
8858	-2.58	9.77	3.00	37.34	-272.45	-3181.32	23.35	-344.55	617.74
8859	-3.61	9.75	3.00	-0.93	-278.15	-3106.28	39.41	-463.33	607.47
8860	-4.64	9.73	3.00	-45.50	-284.78	-3018.13	53.45	-568.21	595.07
8861	-5.66	9.69	3.00	-93.73	-291.73	-2922.38	65.04	-657.15	580.83
8862	-6.69	9.65	3.00	-142.72	-298.27	-2825.08	73.72	-729.07	565.05
8863	-7.71	9.61	3.00	-189.43	-303.60	-2732.48	78.99	-783.76	547.98
8864	-8.73	9.55	3.00	-230.84	-306.87	-2650.61	80.30	-821.73	529.74
8865	-9.74	9.50	3.00	-263.99	-307.14	-2584.91	77.00	-843.92	510.16
8866	-0.53	11.38	3.00	45.45	-364.31	-3489.11	-11.74	-66.98	853.23
8867	-1.60	11.36	3.00	26.57	-364.51	-3452.97	13.28	-208.93	843.54
8868	-2.67	11.32	3.00	-2.39	-364.18	-3395.75	36.04	-342.97	827.01
8869	-3.73	11.26	3.00	-39.57	-363.19	-3320.91	55.70	-465.22	804.36
8870	-4.79	11.18	3.00	-82.44	-361.32	-3233.06	71.54	-572.60	776.55
8871	-5.84	11.08	3.00	-128.04	-358.28	-3137.61	82.99	-663.04	744.62
8872	-6.88	10.96	3.00	-173.22	-353.75	-3040.26	89.62	-735.45	709.61
8873	-7.92	10.82	3.00	-214.84	-347.35	-2946.61	91.18	-789.70	672.39
8874	-8.95	10.66	3.00	-249.99	-338.75	-2861.68	87.57	-826.28	633.56
8875	-9.96	10.49	3.00	-275.99	-327.78	-2789.48	78.79	-846.09	593.35
8876	-0.55	12.97	3.00	-8.46	-448.43	-3734.73	-10.97	-54.35	1051.10
8877	-1.66	12.94	3.00	-25.50	-445.92	-3699.73	17.35	-197.60	1037.86
8878	-2.76	12.87	3.00	-51.82	-440.17	-3644.67	42.66	-333.00	1014.07
8879	-3.85	12.77	3.00	-85.48	-431.42	-3572.58	63.72	-456.55	980.84
8880	-4.94	12.63	3.00	-123.84	-419.96	-3487.48	79.55	-565.07	939.58
8881	-6.02	12.46	3.00	-163.89	-406.05	-3393.98	89.51	-656.36	891.88
8882	-7.08	12.26	3.00	-202.51	-389.99	-3296.81	93.32	-729.18	839.30
8883	-8.13	12.03	3.00	-236.71	-372.06	-3200.39	91.04	-783.19	783.21
8884	-9.16	11.77	3.00	-263.88	-352.57	-3108.40	83.05	-818.69	724.67
8885	-10.18	11.48	3.00	-282.06	-332.22	-3023.48	70.30	-836.39	664.31
8886	-0.57	14.56	3.00	-69.81	-481.18	-4051.33	-11.24	-39.62	1210.92
8887	-1.71	14.51	3.00	-84.07	-476.51	-4016.81	16.20	-180.62	1194.91
8888	-2.85	14.42	3.00	-105.96	-466.49	-3962.67	40.32	-314.17	1165.16
8889	-3.97	14.27	3.00	-133.68	-451.79	-3891.27	59.69	-436.31	1122.99
8890	-5.09	14.08	3.00	-164.82	-433.20	-3805.67	73.25	-543.80	1070.12
8891	-6.19	13.85	3.00	-196.65	-411.66	-3709.38	80.44	-634.29	1008.52
8892	-7.28	13.57	3.00	-226.42	-388.11	-3605.89	81.21	-706.35	940.22
8893	-8.34	13.25	3.00	-251.60	-363.52	-3498.41	75.99	-759.43	867.17
8894	-9.38	12.88	3.00	-270.22	-338.82	-3389.54	65.67	-793.71	791.13
8895	-10.40	12.48	3.00	-280.98	-314.53	-3280.98	51.57	-809.92	713.64
8896	-0.59	16.15	3.00	-131.30	-444.05	-4448.54	-11.94	-22.22	1303.68
8897	-1.77	16.09	3.00	-142.25	-438.98	-4412.31	10.56	-156.15	1286.09
8898	-2.94	15.96	3.00	-158.67	-428.31	-4355.04	30.04	-283.41	1252.57
8899	-4.09	15.78	3.00	-179.15	-412.88	-4278.47	45.18	-400.23	1204.58
8900	-5.24	15.54	3.00	-201.81	-393.77	-4184.87	55.11	-503.53	1144.06
8901	-6.37	15.23	3.00	-224.55	-372.21	-4076.81	59.48	-591.00	1073.34
8902	-7.47	14.88	3.00	-245.30	-349.49	-3956.99	58.45	-661.21	994.91
8903	-8.55	14.46	3.00	-262.27	-326.80	-3827.96	52.63	-713.57	911.31
8904	-9.60	13.99	3.00	-274.12	-305.10	-3692.03	43.04	-748.31	824.98
8905	-10.62	13.47	3.00	-280.21	-285.07	-3551.18	30.93	-766.42	738.20
8906	-0.61	17.74	3.00	-182.85	-357.18	-4857.45	-11.02	-1.59	1292.63
8907	-1.82	17.66	3.00	-190.79	-353.08	-4817.92	5.30	-122.28	1275.82
8908	-3.02	17.51	3.00	-202.21	-344.47	-4754.85	19.10	-237.60	1243.17
8909	-4.22	17.29	3.00	-216.10	-332.02	-4669.58	29.42	-344.44	1195.99
8910	-5.39	16.99	3.00	-231.16	-316.78	-4563.88	35.62	-440.18	1136.15

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]
8911	-6.54	16.62	3.00	-245.92	-299.91	-4439.89	37.44	-522.80	1065.94
8912	-7.67	16.18	3.00	-258.94	-282.60	-4299.94	35.04	-590.97	987.89
8913	-8.76	15.67	3.00	-268.95	-265.92	-4146.49	28.94	-644.04	904.58
8914	-9.82	15.10	3.00	-274.99	-250.75	-3981.99	19.96	-682.01	818.51
8915	-10.84	14.46	3.00	-276.31	-237.38	-3808.84	8.87	-705.34	731.91
8916	-15.44	9.50	3.00	-212.62	-217.07	-2678.32	-32.02	-650.00	318.70
8917	-14.85	10.47	3.00	-226.66	-216.07	-2878.37	-31.51	-673.11	373.14
8918	-14.21	11.40	3.00	-240.33	-214.77	-3079.17	-29.18	-690.50	431.78
8919	-14.50	9.43	3.00	-247.97	-244.39	-2623.42	-7.24	-725.95	370.14
8920	-14.09	10.28	3.00	-255.20	-244.94	-2806.86	-7.73	-736.78	417.67
8921	-13.64	11.10	3.00	-262.26	-244.34	-2990.94	-7.23	-742.85	467.32
8922	-13.57	9.37	3.00	-271.12	-265.04	-2566.50	15.03	-782.07	409.64
8923	-13.34	10.09	3.00	-271.37	-265.04	-2731.52	12.09	-783.84	450.02
8924	-13.08	10.80	3.00	-271.48	-262.86	-2896.93	9.38	-781.67	490.42
8925	-11.79	13.78	3.00	-272.62	-226.98	-3631.55	-2.52	-715.63	649.65
8926	-11.52	12.93	3.00	-280.81	-269.37	-3414.05	19.07	-770.91	660.13
8927	-11.25	12.09	3.00	-283.67	-294.60	-3185.66	37.55	-810.69	646.99
8928	-12.66	13.04	3.00	-265.24	-219.60	-3452.40	-12.94	-715.46	571.83
8929	-12.30	12.38	3.00	-277.23	-257.67	-3281.94	8.56	-766.24	590.99
8930	-11.95	11.73	3.00	-281.38	-279.89	-3102.77	25.12	-803.37	591.26
8931	-13.48	12.26	3.00	-253.55	-214.49	-3270.14	-22.83	-705.88	498.18
8932	-13.05	11.80	3.00	-269.73	-247.52	-3148.94	-1.41	-753.47	524.91
8933	-12.62	11.34	3.00	-275.88	-267.34	-3020.64	13.52	-788.57	536.65
8934	-10.53	9.43	4.00	-255.72	-239.91	-2615.10	62.03	-874.02	500.75
8935	-11.47	9.39	4.00	-265.40	-235.14	-2568.37	51.11	-852.51	468.48
8936	-12.41	9.35	4.00	-262.85	-226.31	-2541.48	36.93	-816.84	433.05
8937	-10.69	10.30	4.00	-256.92	-250.18	-2792.62	64.22	-861.65	553.35
8938	-11.51	10.18	4.00	-262.47	-239.87	-2739.99	51.33	-841.89	511.35
8939	-12.33	10.04	4.00	-259.72	-228.14	-2698.36	36.92	-811.59	468.18
8940	-10.84	11.17	4.00	-255.13	-251.21	-2984.24	60.72	-840.35	594.23
8941	-11.54	10.95	4.00	-258.15	-238.96	-2918.70	48.29	-824.80	547.63
8942	-12.23	10.73	4.00	-256.19	-226.65	-2858.37	35.68	-801.31	500.95
8943	-0.51	9.77	4.00	139.05	-192.04	-3565.89	-12.33	-92.12	707.40
8944	-1.52	9.77	4.00	118.14	-194.90	-3523.07	5.68	-242.38	700.32
8945	-2.53	9.75	4.00	86.05	-199.83	-3453.89	22.39	-383.81	689.70
8946	-3.54	9.73	4.00	44.73	-206.41	-3362.31	37.47	-512.06	675.66
8947	-4.55	9.71	4.00	-3.34	-214.08	-3253.66	50.52	-623.65	658.41
8948	-5.56	9.67	4.00	-55.13	-222.12	-3134.33	61.12	-716.02	638.15
8949	-6.57	9.64	4.00	-107.28	-229.73	-3011.22	68.77	-787.80	615.14
8950	-7.57	9.59	4.00	-156.47	-236.10	-2891.34	73.04	-838.60	589.63
8951	-8.57	9.54	4.00	-199.37	-240.38	-2781.25	73.49	-869.00	561.79
8952	-9.57	9.48	4.00	-233.20	-241.84	-2686.56	69.75	-880.21	531.64
8953	-0.52	11.32	4.00	107.33	-287.11	-3754.95	-9.63	-80.36	930.19
8954	-1.57	11.30	4.00	87.02	-287.49	-3712.44	15.28	-234.03	917.95
8955	-2.62	11.26	4.00	55.45	-287.56	-3643.63	37.80	-378.33	897.14
8956	-3.66	11.20	4.00	14.82	-287.17	-3552.54	57.03	-508.53	868.59
8957	-4.70	11.12	4.00	-31.93	-286.07	-3444.57	72.21	-620.96	833.40
8958	-5.73	11.02	4.00	-81.50	-283.95	-3325.96	82.79	-713.10	792.81
8959	-6.76	10.91	4.00	-130.28	-280.50	-3203.26	88.42	-783.71	748.07
8960	-7.77	10.77	4.00	-174.96	-275.46	-3082.73	89.00	-832.67	700.36
8961	-8.78	10.62	4.00	-212.49	-268.62	-2969.85	84.70	-860.79	650.66
8962	-9.78	10.45	4.00	-240.45	-259.98	-2868.81	75.81	-869.58	599.68
8963	-0.54	12.87	4.00	64.31	-367.52	-3960.83	-7.94	-66.11	1107.66
8964	-1.63	12.83	4.00	45.67	-365.05	-3920.01	21.06	-218.50	1091.52
8965	-2.70	12.77	4.00	16.50	-359.56	-3854.18	46.84	-361.67	1062.76
8966	-3.78	12.67	4.00	-20.92	-351.31	-3766.84	68.06	-490.82	1022.74
8967	-4.85	12.54	4.00	-63.61	-340.65	-3662.72	83.75	-602.25	973.22
8968	-5.90	12.37	4.00	-108.22	-327.96	-3547.19	93.30	-693.44	916.23
8969	-6.95	12.18	4.00	-151.32	-313.64	-3425.75	96.61	-763.14	853.83
8970	-7.98	11.96	4.00	-189.78	-298.09	-3303.48	93.94	-811.27	787.92
8971	-8.99	11.70	4.00	-221.02	-281.76	-3184.63	86.00	-838.65	720.20
8972	-9.99	11.42	4.00	-243.23	-265.41	-3072.35	73.92	-846.86	651.95
8973	-0.56	14.41	4.00	13.76	-405.88	-4220.68	-7.26	-49.73	1228.74
8974	-1.68	14.37	4.00	-2.33	-401.25	-4181.16	22.10	-196.49	1210.28
8975	-2.79	14.27	4.00	-27.46	-391.59	-4117.54	47.93	-334.71	1176.41
8976	-3.90	14.14	4.00	-59.56	-377.61	-4032.60	68.67	-459.84	1128.77
8977	-4.99	13.95	4.00	-95.92	-360.22	-3930.03	83.27	-568.25	1069.53
8978	-6.07	13.72	4.00	-133.52	-340.41	-3814.05	91.23	-657.48	1001.20
8979	-7.14	13.45	4.00	-169.35	-319.21	-3688.95	92.61	-726.23	926.38
8980	-8.18	13.14	4.00	-200.75	-297.63	-3558.72	88.02	-774.31	847.60
8981	-9.21	12.78	4.00	-225.60	-276.54	-3426.74	78.48	-802.50	767.14
8982	-10.20	12.39	4.00	-242.59	-256.49	-3295.59	65.39	-812.33	686.97
8983	-0.58	15.96	4.00	-38.58	-389.60	-4541.37	-6.86	-31.50	1284.34
8984	-1.73	15.90	4.00	-51.68	-384.27	-4501.42	19.61	-168.44	1265.28
8985	-2.88	15.78	4.00	-71.89	-373.35	-4436.91	42.72	-298.00	1229.50
8986	-4.01	15.60	4.00	-97.54	-357.75	-4349.92	61.00	-416.07	1178.70
8987	-5.14	15.37	4.00	-126.44	-338.64	-4243.29	73.48	-519.34	1115.18
8988	-6.24	15.07	4.00	-156.16	-317.34	-4120.23	79.76	-605.49	1041.62
8989	-7.33	14.72	4.00	-184.29	-295.19	-3984.18	80.01	-673.20	960.90
8990	-8.39	14.32	4.00	-208.69	-273.38	-3838.45	74.89	-722.15	875.87
8991	-9.42	13.86	4.00	-227.69	-252.87	-3686.09	65.46	-752.89	789.15
8992	-10.42	13.36	4.00	-240.23	-234.19	-3529.68	53.01	-766.73	703.04
8993	-0.59	17.51	4.00	-88.31	-341.60	-4883.51	-5.05	-11.81	1273.21
8994	-1.78	17.43	4.00	-98.59	-336.63	-4841.88	17.56	-135.41	1255.37
8995	-2.96	17.29	4.00	-114.11	-326.56	-4774.40	37.16	-253.14	1221.16
8996	-4.13	17.07	4.00	-133.64	-312.24	-4682.68	52.56	-361.62	1172.07
8997	-5.28	16.78	4.00	-155.53	-294.88	-4568.87	62.91	-458.06	1110.20
8998	-6.41	16.42	4.00	-177.95	-275.84	-4435.53	67.85	-540.36	1038.07
8999	-7.52	15.99	4.00	-199.09	-256.47	-4285.47	67.54	-607.19	958.43
9000	-8.59	15.50	4.00	-217.30	-237.99	-4121.61	62.56	-658.00	874.07
9001	-9.63	14.94	4.00	-231.30	-221.37	-3946.83	53.86	-692.96	787.64
9002	-10.63	14.32	4.00	-240.23	-207.08	-3763.82	42.47	-712.74	701.49
9003	-15.16	9.48	4.00	-202.89	-180.70	-2602.26	-12.36	-634.55	303.60
9004	-14.58	10.43	4.00	-215.48	-180.75	-2803.16	-8.13	-661.23	354.08
9005	-13.95	11.34	4.00	-227.04	-181.11	-3005.96	-1.91	-682.69	409.55
9006	-14.25	9.42	4.00	-227.86	-197.77	-2571.71	2.87	-705.96	352.63
9007	-13.84	10.25	4.00	-232.78	-198.06	-2752.83	5.46	-719.33	395.89
9008	-13.39	11.04	4.00	-236.91	-197.45	-2934.88	8.90	-728.27	441.55
9009	-13.33	9.36	4.00	-250.21	-213.73	-2544.95	20.22	-766.96	394.57

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]
9010	-13.10	10.06	4.00	-250.11	-214.62	-2704.23	21.50	-769.84	430.57
9011	-12.85	10.75	4.00	-248.71	-213.69	-2864.07	22.78	-769.66	467.27
9012	-11.56	13.65	4.00	-243.45	-196.15	-3577.70	30.39	-719.26	620.39
9013	-11.30	12.83	4.00	-245.70	-219.67	-3379.94	40.16	-767.14	626.39
9014	-11.04	12.01	4.00	-250.62	-240.40	-3182.18	52.39	-807.94	619.52
9015	-12.42	12.94	4.00	-242.06	-188.04	-3390.79	18.72	-715.16	544.43
9016	-12.07	12.30	4.00	-245.96	-208.81	-3238.06	28.33	-758.76	559.22
9017	-11.72	11.66	4.00	-252.56	-228.30	-3085.65	40.51	-796.88	564.46
9018	-13.23	12.18	4.00	-235.81	-182.61	-3201.54	7.38	-701.92	473.35
9019	-12.80	11.73	4.00	-241.62	-199.73	-3096.14	16.83	-742.40	495.55
9020	-12.39	11.28	4.00	-250.59	-217.80	-2991.08	28.91	-778.98	511.23
9021	-17.56	-2.50	4.00	-61.14	-82.68	-584.30	22.36	-196.70	54.86
9022	-17.47	-3.10	4.00	-56.32	-74.14	-494.06	23.57	-174.88	54.39
9023	-16.43	-2.50	4.00	-89.63	-84.59	-542.50	10.85	-258.08	45.56
9024	-16.34	-3.10	4.00	-82.45	-75.93	-454.50	11.48	-232.33	43.44
9025	-15.29	-2.50	4.00	-112.05	-85.85	-508.42	-4.62	-304.27	23.33
9026	-15.22	-3.10	4.00	-102.69	-77.47	-421.60	-4.32	-274.88	20.12
9027	-14.16	-2.50	4.00	-124.93	-87.18	-486.74	-23.11	-335.75	-9.29
9028	-14.09	-3.10	4.00	-113.98	-79.59	-399.69	-22.84	-303.13	-12.99
9029	-13.03	-2.50	4.00	-128.14	-89.21	-478.84	-43.22	-354.56	-50.92
9030	-12.96	-3.10	4.00	-116.45	-82.82	-389.68	-42.69	-319.14	-54.53
9031	-11.90	-2.50	4.00	-122.86	-92.26	-483.45	-63.25	-362.75	-100.17
9032	-11.83	-3.10	4.00	-111.37	-87.42	-390.23	-62.26	-325.05	-103.19
9033	-10.76	-2.50	4.00	-111.25	-96.50	-498.00	-81.55	-361.89	-155.55
9034	-10.71	-3.10	4.00	-100.87	-93.41	-398.85	-79.98	-322.57	-157.50
9035	-9.63	-2.50	4.00	-95.49	-101.85	-519.40	-96.61	-353.01	-215.29
9036	-9.58	-3.10	4.00	-87.02	-100.64	-412.81	-94.48	-312.99	-215.78
9037	-8.50	-2.50	4.00	-77.48	-108.10	-544.81	-107.23	-337.05	-277.28
9038	-8.45	-3.10	4.00	-71.54	-108.78	-429.67	-104.63	-297.45	-276.01
9039	-7.36	-2.50	4.00	-58.77	-114.89	-571.84	-112.53	-315.02	-339.18
9040	-7.33	-3.10	4.00	-55.77	-117.41	-447.56	-109.66	-277.13	-335.97
9041	-6.23	-2.50	4.00	-40.46	-121.82	-598.74	-112.08	-288.02	-398.47
9042	-6.20	-3.10	4.00	-40.57	-126.03	-465.28	-109.17	-253.23	-393.28
9043	-5.10	-2.50	4.00	-23.18	-128.43	-624.42	-105.88	-257.20	-452.64
9044	-5.07	-3.10	4.00	-26.32	-134.13	-482.30	-103.21	-226.85	-445.59
9045	-3.97	-2.50	4.00	-7.15	-134.29	-648.41	-94.40	-223.50	-499.36
9046	-3.94	-3.10	4.00	-13.02	-141.23	-498.61	-92.22	-198.81	-490.71
9047	-2.83	-2.50	4.00	7.74	-139.01	-670.61	-78.47	-187.57	-536.60
9048	-2.82	-3.10	4.00	-0.38	-146.92	-514.53	-77.00	-169.55	-526.73
9049	-1.70	-2.50	4.00	21.66	-142.30	-691.00	-59.22	-149.61	-562.77
9050	-1.69	-3.10	4.00	11.87	-150.91	-530.31	-58.62	-139.03	-552.15
9051	-0.57	-2.50	4.00	34.65	-143.97	-709.31	-37.98	-109.48	-576.74
9052	-0.56	-3.10	4.00	23.86	-153.01	-545.89	-38.31	-106.83	-565.92
9053	-17.80	-2.50	3.00	-65.53	-104.11	-654.64	22.79	-214.48	36.60
9054	-17.72	-3.10	3.00	-60.51	-94.57	-563.22	24.41	-191.34	35.84
9055	-16.66	-2.50	3.00	-102.18	-103.48	-595.13	18.69	-275.77	23.99
9056	-16.57	-3.10	3.00	-94.68	-93.31	-506.51	19.29	-248.81	21.61
9057	-15.51	-2.50	3.00	-128.44	-101.15	-542.37	8.48	-316.50	0.09
9058	-15.43	-3.10	3.00	-118.69	-90.96	-456.26	8.46	-286.54	-3.26
9059	-14.36	-2.50	3.00	-143.35	-98.75	-504.85	-6.16	-340.66	-32.85
9060	-14.29	-3.10	3.00	-132.01	-89.11	-419.85	-6.48	-308.44	-36.60
9061	-13.21	-2.50	3.00	-145.18	-96.78	-484.72	-23.20	-352.26	-72.96
9062	-13.14	-3.10	3.00	-133.30	-88.16	-398.93	-23.46	-318.33	-76.64
9063	-12.06	-2.50	3.00	-137.31	-95.95	-480.45	-40.79	-355.27	-119.04
9064	-12.00	-3.10	3.00	-125.79	-88.67	-391.93	-40.74	-320.00	-122.24
9065	-10.91	-2.50	3.00	-122.84	-96.43	-488.30	-57.30	-351.20	-169.83
9066	-10.86	-3.10	3.00	-112.48	-90.71	-395.32	-56.80	-315.10	-172.20
9067	-9.76	-2.50	3.00	-104.31	-98.19	-504.67	-71.30	-340.75	-223.89
9068	-9.71	-3.10	3.00	-95.76	-94.16	-405.84	-70.32	-304.49	-225.13
9069	-8.61	-2.50	3.00	-83.66	-101.04	-526.42	-81.67	-324.38	-279.52
9070	-8.57	-3.10	3.00	-77.44	-98.72	-420.72	-80.28	-288.86	-279.38
9071	-7.47	-2.50	3.00	-62.38	-104.68	-550.98	-87.62	-302.67	-334.77
9072	-7.43	-3.10	3.00	-58.81	-104.04	-437.84	-85.93	-268.93	-333.10
9073	-6.32	-2.50	3.00	-41.53	-108.75	-576.42	-88.71	-276.32	-387.53
9074	-6.29	-3.10	3.00	-40.74	-109.67	-455.72	-86.91	-245.48	-384.30
9075	-5.17	-2.50	3.00	-21.79	-112.87	-601.37	-84.89	-246.09	-435.70
9076	-5.14	-3.10	3.00	-23.72	-115.19	-473.45	-83.19	-219.29	-430.99
9077	-4.02	-2.50	3.00	-3.51	-116.65	-624.98	-76.51	-212.72	-477.25
9078	-4.00	-3.10	3.00	-7.90	-120.16	-490.59	-75.11	-190.99	-471.25
9079	-2.87	-2.50	3.00	13.19	-119.78	-646.71	-64.24	-176.75	-510.42
9080	-2.86	-3.10	3.00	6.74	-124.22	-506.98	-63.32	-160.98	-503.43
9081	-1.72	-2.50	3.00	28.28	-121.98	-666.17	-49.05	-138.51	-533.77
9082	-1.71	-3.10	3.00	20.29	-127.10	-522.49	-48.74	-129.38	-526.19
9083	-0.57	-2.50	3.00	41.65	-123.10	-682.84	-32.11	-98.13	-546.29
9084	-0.57	-3.10	3.00	32.71	-128.63	-536.79	-32.45	-96.09	-538.55
9085	17.56	-2.50	4.00	89.04	-8.57	-238.86	-897.55	126.58	256.48
9086	16.43	-2.50	4.00	69.61	-97.86	-368.64	-540.26	167.25	162.43
9087	15.29	-2.50	4.00	29.46	-125.74	-391.56	-357.02	210.70	91.22
9088	14.16	-2.50	4.00	2.97	-131.90	-415.02	-238.58	243.36	31.92
9089	13.03	-2.50	4.00	-8.13	-129.35	-448.07	-152.07	265.11	-26.64
9090	11.90	-2.50	4.00	-7.48	-124.26	-490.16	-86.62	276.11	-87.23
9091	10.76	-2.50	4.00	1.52	-120.00	-537.68	-37.10	275.83	-150.42
9092	9.63	-2.50	4.00	15.53	-118.04	-586.55	-0.52	264.08	-215.57
9093	8.50	-2.50	4.00	31.31	-118.62	-632.86	24.91	241.32	-281.23
9094	7.36	-2.50	4.00	46.07	-121.32	-673.23	40.37	208.80	-345.42
9095	6.23	-2.50	4.00	57.59	-125.44	-705.14	46.82	168.52	-405.83
9096	5.10	-2.50	4.00	64.50	-130.25	-727.15	45.23	122.91	-460.13
9097	3.97	-2.50	4.00	66.30	-135.04	-738.97	36.75	74.56	-506.12
9098	2.83	-2.50	4.00	63.29	-139.21	-741.42	22.69	25.78	-541.94
9099	1.70	-2.50	4.00	56.31	-142.29	-736.06	4.52	-21.70	-566.18
9100	0.57	-2.50	4.00	46.43	-143.94	-724.77	-16.23	-66.89	-577.91
9101	17.47	-3.10	4.00	120.02	14.16	-134.49	-872.11	105.57	248.22
9102	16.34	-3.10	4.00	84.17	-89.55	-261.81	-519.71	150.46	150.18
9103	15.22	-3.10	4.00	42.41	-125.64	-287.52	-339.01	182.20	80.25
9104	14.09	-3.10	4.00	15.61	-135.19	-312.77	-223.21	207.88	21.94
9105	12.96	-3.10	4.00	3.16	-132.97	-345.60	-139.76	225.35	-35.66
9106	11.83	-3.10	4.00	2.12	-127.44	-385.16	-77.75	233.42	-95.12
9107	10.71	-3.10	4.00	9.23	-123.05	-428.00	-31.54	231.25	-156.87
9108	9.58	-3.10	4.00	21.04	-121.52	-470.42	2.20	218.73	-220.27

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]
9109	8.45	-3.10	4.00	34.28	-122.92	-509.05	25.39	196.49	-283.91
9110	7.33	-3.10	4.00	46.21	-126.64	-541.11	39.22	165.96	-345.86
9111	6.20	-3.10	4.00	54.85	-131.83	-564.71	44.60	129.14	-403.94
9112	5.07	-3.10	4.00	59.05	-137.60	-579.02	42.45	88.42	-455.94
9113	3.94	-3.10	4.00	58.53	-143.20	-584.28	33.86	46.18	-499.80
9114	2.82	-3.10	4.00	53.74	-147.96	-581.71	20.09	4.46	-533.80
9115	1.69	-3.10	4.00	45.64	-151.39	-573.14	2.49	-35.29	-556.63
9116	0.56	-3.10	4.00	35.34	-153.15	-560.60	-17.46	-72.39	-567.46
9117	17.80	-2.50	3.00	247.70	-32.22	-273.47	-748.15	152.92	-195.20
9118	16.66	-2.50	3.00	130.33	-123.82	-364.94	-503.96	203.00	-63.29
9119	15.51	-2.50	3.00	63.92	-138.63	-398.80	-350.58	227.17	-26.53
9120	14.36	-2.50	3.00	26.09	-141.00	-417.26	-242.61	242.98	-41.88
9121	13.21	-2.50	3.00	8.31	-134.36	-443.65	-161.36	255.24	-77.31
9122	12.06	-2.50	3.00	4.39	-125.80	-478.19	-99.29	261.53	-123.16
9123	10.91	-2.50	3.00	9.75	-118.18	-518.21	-52.22	259.98	-175.13
9124	9.76	-2.50	3.00	20.79	-113.01	-560.24	-17.27	249.39	-230.59
9125	8.61	-2.50	3.00	34.33	-110.54	-600.91	7.46	229.53	-287.35
9126	7.47	-2.50	3.00	47.64	-110.37	-637.26	23.24	201.06	-343.24
9127	6.32	-2.50	3.00	58.62	-111.87	-667.00	31.02	165.36	-396.08
9128	5.17	-2.50	3.00	65.89	-114.36	-688.70	31.68	124.30	-443.71
9129	4.02	-2.50	3.00	68.77	-117.21	-701.84	26.25	79.92	-484.16
9130	2.87	-2.50	3.00	67.24	-119.87	-706.72	15.83	34.17	-515.74
9131	1.72	-2.50	3.00	61.75	-121.92	-704.32	1.72	-11.38	-537.12
9132	0.57	-2.50	3.00	52.98	-123.06	-695.93	-14.73	-55.67	-547.44
9133	17.72	-3.10	3.00	125.63	-36.56	-146.58	-718.22	156.82	-176.77
9134	16.57	-3.10	3.00	103.31	-110.04	-255.55	-478.88	190.46	-71.78
9135	15.43	-3.10	3.00	60.39	-140.65	-290.96	-330.19	197.78	-32.69
9136	14.29	-3.10	3.00	30.74	-143.68	-314.58	-225.49	207.52	-48.67
9137	13.14	-3.10	3.00	15.12	-136.90	-343.07	-147.89	216.25	-83.97
9138	12.00	-3.10	3.00	11.02	-127.14	-377.03	-89.40	220.59	-129.51
9139	10.86	-3.10	3.00	15.40	-118.85	-414.22	-45.67	218.05	-180.75
9140	9.71	-3.10	3.00	24.97	-113.69	-451.69	-13.53	207.37	-235.08
9141	8.57	-3.10	3.00	36.63	-111.75	-486.58	9.02	188.46	-290.37
9142	7.43	-3.10	3.00	47.74	-112.41	-516.46	23.20	162.09	-344.57
9143	6.29	-3.10	3.00	56.41	-114.83	-539.61	29.90	129.69	-395.59
9144	5.14	-3.10	3.00	61.43	-118.21	-555.11	29.94	93.08	-441.39
9145	4.00	-3.10	3.00	62.35	-121.83	-562.89	24.27	54.20	-480.12
9146	2.86	-3.10	3.00	59.31	-125.07	-563.65	13.96	14.77	-510.21
9147	1.71	-3.10	3.00	52.85	-127.48	-558.59	0.21	-23.87	-530.44
9148	0.57	-3.10	3.00	43.75	-128.73	-549.19	-15.71	-60.93	-540.00
9149	0.56	-3.95	4.00	20.29	-162.48	-335.80	-19.42	-79.50	-541.01
9150	0.55	-5.05	4.00	1.77	-168.90	-57.25	-22.23	-87.78	-489.74
9151	0.54	-6.15	4.00	-14.93	-167.06	202.89	-25.23	-94.78	-421.22
9152	0.52	-7.25	4.00	-29.30	-156.13	442.77	-28.25	-100.50	-338.94
9153	1.67	-3.95	4.00	30.99	-160.66	-349.48	-1.01	-53.31	-531.57
9154	1.65	-5.05	4.00	12.75	-167.08	-71.81	-6.39	-74.78	-482.19
9155	1.61	-6.15	4.00	-3.91	-165.33	187.88	-12.51	-93.51	-415.72
9156	1.57	-7.25	4.00	-18.48	-154.64	427.76	-19.01	-109.25	-335.60
9157	2.79	-3.95	4.00	40.41	-156.86	-361.73	15.36	-24.07	-510.99
9158	2.75	-5.06	4.00	23.53	-162.94	-87.85	7.81	-58.38	-464.86
9159	2.69	-6.16	4.00	7.78	-161.09	169.06	-1.01	-88.60	-401.98
9160	2.62	-7.25	4.00	-6.29	-150.61	407.25	-10.58	-114.29	-325.68
9161	3.91	-3.95	4.00	47.37	-151.44	-370.37	28.38	7.91	-480.02
9162	3.84	-5.06	4.00	32.86	-156.88	-103.07	19.29	-38.41	-438.34
9163	3.76	-6.16	4.00	18.90	-154.73	148.78	8.40	-79.54	-380.43
9164	3.67	-7.25	4.00	6.03	-144.41	383.56	-3.63	-114.83	-309.43
9165	5.02	-3.95	4.00	50.80	-144.92	-373.25	36.80	41.61	-439.78
9166	4.94	-5.06	4.00	39.54	-149.42	-115.01	27.01	-15.41	-403.56
9167	4.84	-6.16	4.00	28.12	-146.77	129.67	14.88	-66.46	-351.80
9168	4.72	-7.26	4.00	17.10	-136.52	359.36	1.20	-110.70	-287.36
9169	6.14	-3.96	4.00	50.02	-137.98	-368.70	39.52	75.36	-391.81
9170	6.04	-5.06	4.00	42.60	-141.27	-121.49	30.03	9.40	-361.76
9171	5.92	-6.16	4.00	34.24	-137.91	114.28	17.68	-50.18	-317.04
9172	5.77	-7.26	4.00	25.57	-127.63	337.40	3.32	-102.36	-260.16
9173	7.25	-3.96	4.00	44.99	-131.50	-355.79	35.56	107.04	-337.93
9174	7.14	-5.07	4.00	41.60	-133.36	-120.86	27.57	34.27	-314.48
9175	6.99	-6.17	4.00	36.43	-129.07	104.78	16.20	-32.07	-277.37
9176	6.82	-7.26	4.00	30.32	-118.57	320.18	2.26	-90.87	-228.69
9177	8.37	-3.96	4.00	36.47	-126.46	-334.57	24.12	134.43	-280.16
9178	8.24	-5.07	4.00	36.75	-126.78	-112.27	19.01	57.22	-263.41
9179	8.07	-6.17	4.00	34.38	-121.35	102.72	9.98	-13.88	-234.14
9180	7.87	-7.26	4.00	30.56	-110.37	309.70	-2.35	-77.72	-193.98
9181	9.49	-3.96	4.00	26.10	-123.92	-306.08	4.40	155.50	-220.48
9182	9.33	-5.07	4.00	29.10	-122.81	-95.75	3.80	76.27	-210.28
9183	9.14	-6.17	4.00	28.42	-116.08	108.90	-1.31	2.52	-188.77
9184	8.92	-7.26	4.00	25.96	-104.29	307.36	-10.73	-64.61	-157.12
9185	10.60	-3.96	4.00	16.38	-124.87	-272.23	-24.66	168.69	-160.69
9186	10.43	-5.07	4.00	20.63	-122.86	-72.18	-18.81	89.72	-156.66
9187	10.22	-6.17	4.00	19.66	-114.89	123.32	-18.02	15.41	-142.64
9188	9.97	-7.26	4.00	16.65	-101.84	313.84	-23.02	-53.19	-119.25
9189	11.72	-3.96	4.00	10.63	-129.68	-235.65	-65.03	173.12	-102.11
9190	11.53	-5.08	4.00	14.40	-128.20	-43.20	-50.38	96.40	-103.77
9191	11.29	-6.18	4.00	10.28	-119.75	145.29	-40.89	23.42	-96.88
9192	11.01	-7.26	4.00	3.34	-105.03	329.19	-39.38	-44.91	-81.47
9193	12.83	-3.96	4.00	12.68	-136.98	-199.40	-120.58	168.73	-45.28
9194	12.63	-5.08	4.00	14.86	-139.12	-10.98	-94.79	95.94	-52.02
9195	12.37	-6.18	4.00	4.20	-132.96	173.55	-72.25	25.77	-52.02
9196	12.06	-7.26	4.00	-12.33	-116.84	353.00	-60.35	-40.82	-44.61
9197	13.95	-3.96	4.00	26.13	-141.38	-166.57	-198.31	156.68	10.38
9198	13.73	-5.08	4.00	27.38	-151.47	22.14	-161.02	89.28	-0.32
9199	13.45	-6.18	4.00	8.48	-156.01	206.70	-119.53	22.59	-7.03
9200	13.11	-7.26	4.00	-26.40	-142.39	384.83	-88.04	-41.58	-8.53
9201	15.07	-3.96	4.00	53.60	-131.21	-138.48	-310.72	139.64	67.46
9202	14.82	-5.08	4.00	55.82	-150.31	55.02	-265.48	79.94	54.83
9203	14.52	-6.18	4.00	32.65	-178.56	245.09	-203.67	16.02	42.77
9204	14.16	-7.27	4.00	-28.22	-190.67	425.67	-134.17	-47.08	29.49
9205	16.18	-3.96	4.00	97.20	-87.08	-105.59	-487.50	120.69	136.73
9206	15.92	-5.08	4.00	100.81	-105.18	98.70	-436.48	72.69	122.00
9207	15.60	-6.19	4.00	77.11	-157.30	299.06	-361.71	11.88	108.48

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]
9208	15.21	-7.27	4.00	-0.91	-233.15	487.76	-249.05	-58.12	84.16
9209	17.30	-3.97	4.00	143.96	31.47	18.83	-819.48	73.38	235.67
9210	17.02	-5.09	4.00	154.36	32.35	203.90	-750.20	28.38	211.71
9211	16.67	-6.19	4.00	138.39	-14.27	369.95	-660.43	-32.35	204.45
9212	16.26	-7.27	4.00	51.15	-140.51	527.24	-522.28	-117.78	192.33
9213	0.57	-3.95	3.00	31.15	-133.78	-347.46	-17.33	-67.82	-518.91
9214	0.56	-5.05	3.00	15.64	-135.53	-96.29	-19.75	-75.98	-476.08
9215	0.55	-6.15	3.00	1.71	-130.26	140.09	-22.41	-83.10	-417.43
9216	0.53	-7.25	3.00	-10.11	-117.25	360.32	-25.18	-89.17	-345.85
9217	1.70	-3.95	3.00	40.59	-132.43	-357.76	-2.57	-40.57	-510.50
9218	1.67	-5.05	3.00	25.31	-134.14	-107.27	-7.00	-60.67	-469.28
9219	1.64	-6.15	3.00	11.41	-128.94	128.78	-12.19	-78.49	-412.37
9220	1.60	-7.25	3.00	-0.56	-116.15	349.00	-17.81	-93.84	-342.63
9221	2.83	-3.95	3.00	48.18	-129.63	-365.84	10.32	-11.37	-492.17
9222	2.79	-5.06	3.00	34.08	-130.98	-118.48	4.23	-43.06	-453.69
9223	2.73	-6.16	3.00	21.02	-125.66	115.25	-3.11	-71.36	-399.82
9224	2.67	-7.25	3.00	9.54	-113.05	334.02	-11.23	-95.89	-333.30
9225	3.96	-3.95	3.00	53.09	-125.72	-370.09	20.16	19.31	-464.59
9226	3.90	-5.06	3.00	41.06	-126.42	-128.16	12.96	-23.22	-429.86
9227	3.82	-6.16	3.00	29.58	-120.78	101.36	4.02	-61.46	-380.18
9228	3.73	-7.25	3.00	19.22	-108.28	317.22	-6.06	-94.83	-318.12
9229	5.09	-3.95	3.00	54.63	-121.20	-368.97	25.89	50.49	-428.84
9230	5.01	-5.06	3.00	45.35	-120.97	-134.46	18.30	-1.76	-398.65
9231	4.92	-6.16	3.00	36.07	-114.82	89.13	8.47	-49.06	-354.11
9232	4.80	-7.25	3.00	27.38	-102.33	300.72	-2.89	-90.68	-297.55
9233	6.23	-3.96	3.00	52.42	-116.73	-361.35	26.54	80.70	-386.31
9234	6.13	-5.06	3.00	46.31	-115.33	-135.77	19.44	20.23	-361.21
9235	6.01	-6.16	3.00	39.58	-108.44	80.53	9.62	-34.94	-322.52
9236	5.86	-7.26	3.00	32.93	-95.82	286.66	-2.21	-83.94	-272.25
9237	7.36	-3.96	3.00	46.63	-113.11	-346.70	21.29	108.22	-338.66
9238	7.24	-5.07	3.00	43.68	-110.35	-130.93	15.75	41.28	-318.93
9239	7.10	-6.17	3.00	39.48	-102.52	77.20	6.94	-20.34	-286.49
9240	6.93	-7.26	3.00	34.95	-89.55	276.99	-4.43	-75.61	-243.00
9241	8.49	-3.96	3.00	38.07	-111.31	-325.26	9.44	131.30	-287.73
9242	8.36	-5.07	3.00	37.78	-107.12	-119.39	6.71	59.76	-273.34
9243	8.19	-6.17	3.00	35.54	-98.10	80.31	0.11	-6.72	-247.26
9244	8.00	-7.26	3.00	32.73	-84.50	273.30	-9.83	-67.01	-210.76
9245	9.62	-3.96	3.00	28.33	-112.38	-298.03	-9.71	148.45	-235.40
9246	9.47	-5.07	3.00	29.55	-106.91	-101.26	-8.10	74.14	-226.06
9247	9.28	-6.17	3.00	27.95	-96.52	90.46	-11.06	4.37	-206.15
9248	9.06	-7.26	3.00	25.78	-81.88	276.71	-18.50	-59.61	-176.57
9249	10.75	-3.96	3.00	19.73	-117.34	-266.66	-37.23	158.74	-183.56
9250	10.59	-5.07	3.00	20.71	-111.19	-77.28	-29.31	83.25	-178.71
9251	10.38	-6.17	3.00	17.48	-99.45	107.69	-26.75	11.56	-164.52
9252	10.13	-7.26	3.00	13.79	-83.22	287.87	-30.42	-54.90	-141.56
9253	11.89	-3.96	3.00	15.30	-126.67	-233.29	-75.06	162.05	-134.14
9254	11.70	-5.07	3.00	13.86	-121.48	-48.68	-58.33	86.61	-132.87
9255	11.47	-6.18	3.00	5.54	-109.12	131.61	-47.38	13.91	-123.69
9256	11.19	-7.26	3.00	-3.49	-90.68	307.02	-45.43	-54.21	-106.94
9257	13.02	-3.96	3.00	18.21	-139.04	-200.15	-126.93	159.57	-89.49
9258	12.81	-5.08	3.00	12.34	-138.38	-16.83	-98.87	84.94	-90.31
9259	12.56	-6.18	3.00	-5.34	-128.46	161.60	-74.81	11.18	-84.89
9260	12.26	-7.26	3.00	-26.29	-107.68	334.15	-63.43	-58.77	-73.88
9261	14.15	-3.96	3.00	30.13	-149.05	-168.91	-198.85	154.40	-53.67
9262	13.93	-5.08	3.00	18.57	-158.03	17.41	-159.45	81.09	-53.80
9263	13.65	-6.18	3.00	-11.16	-160.09	197.32	-115.97	4.51	-49.49
9264	13.33	-7.26	3.00	-54.17	-140.92	369.17	-85.31	-69.97	-43.27
9265	15.28	-3.96	3.00	49.51	-146.67	-138.62	-299.35	151.71	-36.52
9266	15.04	-5.08	3.00	28.22	-165.92	55.23	-253.44	81.38	-30.56
9267	14.75	-6.18	3.00	-10.64	-194.79	240.08	-190.76	-3.21	-20.22
9268	14.39	-7.26	3.00	-83.27	-202.53	411.61	-121.31	-91.16	-15.46
9269	16.41	-3.96	3.00	68.73	-115.79	-99.70	-449.79	155.47	-60.92
9270	16.16	-5.08	3.00	28.47	-147.20	98.87	-398.80	87.02	-46.59
9271	15.84	-6.19	3.00	-20.20	-195.10	286.28	-324.11	-10.96	-14.53
9272	15.46	-7.27	3.00	-111.98	-265.15	452.73	-217.74	-136.38	10.77
9273	17.55	-3.96	3.00	68.17	-51.98	-15.75	-728.27	116.61	-192.23
9274	17.27	-5.09	3.00	28.07	-86.88	117.65	-636.41	52.80	-169.41
9275	16.93	-6.19	3.00	-70.99	-141.76	245.36	-536.50	-20.50	-112.09
9276	16.52	-7.27	3.00	-164.01	-239.46	376.14	-433.81	-191.29	-17.14
9277	-17.30	-3.97	4.00	-49.42	-62.01	-364.52	24.85	-143.41	55.53
9278	-17.02	-5.09	4.00	-40.50	-46.41	-196.48	25.85	-102.73	59.37
9279	-16.67	-6.19	4.00	-31.79	-31.55	-30.62	26.28	-63.33	66.58
9280	-16.26	-7.27	4.00	-23.05	-17.54	132.98	26.56	-25.25	77.34
9281	-16.18	-3.96	4.00	-72.19	-63.56	-327.95	12.16	-195.32	42.37
9282	-15.92	-5.08	4.00	-59.13	-47.85	-163.49	12.99	-147.47	44.55
9283	-15.60	-6.19	4.00	-46.57	-32.92	-0.49	13.80	-100.95	50.94
9284	-15.21	-7.27	4.00	-34.72	-19.03	161.35	14.70	-56.22	61.61
9285	-15.07	-3.96	4.00	-89.38	-65.57	-296.84	-3.72	-232.76	18.05
9286	-14.82	-5.08	4.00	-72.55	-50.34	-134.52	-2.39	-178.42	19.90
9287	-14.52	-6.18	4.00	-56.76	-35.76	26.94	-0.53	-125.81	26.97
9288	-14.16	-7.27	4.00	-42.27	-21.95	187.96	1.88	-75.59	39.25
9289	-13.95	-3.96	4.00	-98.54	-68.72	-274.75	-21.83	-256.57	-15.10
9290	-13.73	-5.08	4.00	-79.23	-54.58	-112.23	-19.36	-196.82	-12.26
9291	-13.45	-6.18	4.00	-61.42	-40.63	49.65	-15.80	-139.39	-3.14
9292	-13.11	-7.26	4.00	-45.48	-26.98	211.39	-11.36	-85.10	12.11
9293	-12.83	-3.96	4.00	-100.12	-73.49	-262.03	-40.90	-268.90	-55.78
9294	-12.63	-5.08	4.00	-79.92	-60.89	-96.29	-36.83	-204.84	-50.71
9295	-12.37	-6.18	4.00	-61.61	-47.82	68.52	-31.17	-143.86	-38.25
9296	-12.06	-7.26	4.00	-45.58	-34.27	232.90	-24.37	-86.87	-18.78
9297	-11.72	-3.96	4.00	-95.49	-79.97	-257.22	-59.44	-271.93	-102.74
9298	-11.53	-5.08	4.00	-76.07	-69.27	-85.16	-53.55	-204.74	-94.30
9299	-11.29	-6.18	4.00	-58.75	-57.24	85.13	-45.66	-141.45	-77.32
9300	-11.01	-7.26	4.00	-43.91	-43.78	254.08	-36.38	-83.11	-52.51
9301	-10.60	-3.96	4.00	-86.68	-88.09	-258.08	-76.05	-267.59	-154.64
9302	-10.43	-5.07	4.00	-69.51	-79.52	-76.90	-68.37	-198.59	-141.82
9303	-10.22	-6.17	4.00	-54.47	-68.63	101.15	-58.38	-134.36	-119.32
9304	-9.97	-7.26	4.00	-41.85	-55.32	276.32	-46.86	-75.98	-88.20
9305	-9.49	-3.96	4.00	-75.55	-97.57	-262.29	-89.55	-257.42	-209.90
9306	-9.33	-5.07	4.00	-61.87	-91.22	-69.76	-80.33	-188.23	-191.89

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]
9307	-9.14	-6.17	4.00	-50.10	-81.57	117.80	-68.64	-124.55	-163.06
9308	-8.92	-7.26	4.00	-40.44	-68.41	300.45	-55.34	-67.52	-124.88
9309	-8.37	-3.96	4.00	-63.60	-107.97	-268.02	-98.94	-242.83	-266.68
9310	-8.24	-5.07	4.00	-54.29	-103.87	-62.60	-88.68	-175.33	-242.94
9311	-8.07	-6.17	4.00	-46.48	-95.45	135.65	-75.88	-113.86	-207.26
9312	-7.87	-7.26	4.00	-40.27	-82.47	326.54	-61.49	-59.55	-161.55
9313	-7.25	-3.96	4.00	-51.85	-118.75	-274.07	-103.59	-225.19	-322.96
9314	-7.14	-5.07	4.00	-47.45	-116.82	-55.03	-92.91	-161.41	-293.27
9315	-6.99	-6.17	4.00	-43.95	-109.61	154.44	-79.76	-103.86	-250.57
9316	-6.82	-7.26	4.00	-41.36	-96.82	353.88	-65.06	-53.64	-197.17
9317	-6.14	-3.96	4.00	-40.84	-129.36	-279.97	-103.18	-205.77	-376.62
9318	-6.04	-5.06	4.00	-41.48	-129.42	-47.38	-92.80	-147.79	-341.09
9319	-5.92	-6.16	4.00	-42.34	-123.36	173.22	-80.12	-95.85	-291.57
9320	-5.77	-7.26	4.00	-43.35	-110.79	381.10	-66.00	-50.97	-230.73
9321	-5.02	-3.95	4.00	-30.64	-139.21	-285.88	-97.77	-185.60	-425.54
9322	-4.94	-5.06	4.00	-36.10	-141.05	-40.55	-88.43	-135.39	-384.67
9323	-4.84	-6.16	4.00	-41.11	-136.05	190.53	-77.04	-90.63	-328.90
9324	-4.72	-7.26	4.00	-45.48	-123.71	406.35	-64.35	-52.25	-261.24
9325	-3.91	-3.95	4.00	-20.95	-147.77	-292.39	-87.78	-165.32	-467.77
9326	-3.84	-5.06	4.00	-30.73	-151.14	-35.82	-80.14	-124.64	-422.35
9327	-3.76	-6.16	4.00	-39.44	-147.08	204.60	-70.78	-88.44	-361.26
9328	-3.67	-7.25	4.00	-46.81	-135.00	427.62	-60.32	-57.54	-287.75
9329	-2.79	-3.95	4.00	-11.32	-154.63	-300.29	-73.92	-145.10	-501.59
9330	-2.75	-5.06	4.00	-24.67	-159.23	-34.48	-68.52	-115.37	-452.72
9331	-2.69	-6.16	4.00	-36.49	-155.97	213.77	-61.81	-88.89	-387.52
9332	-2.62	-7.25	4.00	-46.42	-144.17	442.98	-54.22	-66.29	-309.42
9333	-1.67	-3.95	4.00	-1.30	-159.47	-310.20	-57.15	-124.57	-525.66
9334	-1.65	-5.05	4.00	-17.35	-165.00	-37.55	-54.36	-106.90	-474.60
9335	-1.61	-6.15	4.00	-31.57	-162.38	216.74	-50.73	-91.03	-406.73
9336	-1.57	-7.25	4.00	-43.55	-150.88	450.98	-46.48	-77.41	-325.54
9337	-0.56	-3.95	4.00	9.31	-162.10	-322.29	-38.57	-103.01	-539.00
9338	-0.55	-5.05	4.00	-8.47	-168.23	-45.45	-38.59	-98.11	-487.16
9339	-0.54	-6.15	4.00	-24.34	-166.10	212.86	-38.26	-93.49	-418.17
9340	-0.52	-7.25	4.00	-37.83	-154.90	450.82	-37.62	-89.38	-335.53
9341	-17.55	-3.96	3.00	-53.28	-80.90	-431.88	26.16	-158.02	36.77
9342	-17.27	-5.09	3.00	-44.02	-63.33	-261.78	27.45	-115.23	40.76
9343	-16.93	-6.19	3.00	-35.13	-46.38	-94.44	27.94	-74.21	48.47
9344	-16.52	-7.27	3.00	-26.31	-30.22	70.26	28.09	-35.03	60.08
9345	-16.41	-3.96	3.00	-83.87	-78.65	-379.29	19.82	-210.15	20.50
9346	-16.16	-5.08	3.00	-70.07	-60.21	-214.25	20.18	-160.37	23.14
9347	-15.84	-6.19	3.00	-56.78	-42.58	-51.02	20.25	-112.25	30.43
9348	-15.46	-7.27	3.00	-44.14	-26.03	110.55	20.22	-66.34	42.35
9349	-15.28	-3.96	3.00	-104.71	-76.39	-332.71	8.45	-243.66	-5.19
9350	-15.04	-5.08	3.00	-86.96	-58.00	-172.24	8.74	-188.46	-2.70
9351	-14.75	-6.18	3.00	-70.12	-40.40	-12.91	9.33	-135.16	5.42
9352	-14.39	-7.26	3.00	-54.46	-23.75	145.62	10.23	-84.44	19.09
9353	-14.15	-3.96	3.00	-115.89	-75.31	-298.02	-6.47	-262.49	-38.54
9354	-13.93	-5.08	3.00	-95.55	-57.74	-139.74	-5.52	-203.52	-35.17
9355	-13.65	-6.18	3.00	-76.47	-40.60	17.71	-3.70	-146.78	-25.21
9356	-13.33	-7.26	3.00	-59.00	-24.02	174.76	-1.20	-93.05	-8.82
9357	-13.02	-3.96	3.00	-116.53	-75.69	-276.21	-22.98	-270.16	-77.87
9358	-12.81	-5.08	3.00	-95.55	-59.50	-116.98	-20.86	-208.64	-72.68
9359	-12.56	-6.18	3.00	-76.09	-43.19	41.27	-17.39	-149.83	-59.96
9360	-12.26	-7.26	3.00	-58.53	-26.76	199.01	-12.92	-94.59	-40.01
9361	-11.89	-3.96	3.00	-109.68	-77.91	-265.67	-39.49	-270.23	-122.12
9362	-11.70	-5.07	3.00	-89.70	-63.47	-102.32	-35.93	-207.05	-114.23
9363	-11.47	-6.18	3.00	-71.39	-48.18	59.45	-30.63	-147.19	-97.87
9364	-11.19	-7.26	3.00	-55.08	-31.95	220.03	-24.08	-91.57	-73.56
9365	-10.75	-3.96	3.00	-98.13	-81.90	-263.24	-54.65	-264.46	-170.17
9366	-10.59	-5.07	3.00	-80.47	-69.43	-93.06	-49.61	-200.63	-158.78
9367	-10.38	-6.17	3.00	-64.49	-55.31	74.50	-42.53	-140.76	-137.98
9368	-10.13	-7.26	3.00	-50.41	-39.37	239.70	-34.06	-85.80	-108.55
9369	-9.62	-3.96	3.00	-84.03	-87.42	-266.09	-67.31	-253.96	-220.70
9370	-9.47	-5.07	3.00	-69.73	-77.04	-86.97	-60.95	-190.73	-205.17
9371	-9.28	-6.17	3.00	-56.93	-64.15	88.12	-52.39	-132.02	-179.26
9372	-9.06	-7.26	3.00	-45.78	-48.54	259.28	-42.38	-78.82	-144.10
9373	-8.49	-3.96	3.00	-68.96	-94.08	-272.00	-76.58	-239.66	-272.20
9374	-8.36	-5.07	3.00	-58.76	-85.81	-82.47	-69.25	-178.51	-252.06
9375	-8.19	-6.17	3.00	-49.71	-74.17	101.33	-59.67	-122.29	-220.60
9376	-8.00	-7.26	3.00	-41.88	-58.88	279.28	-48.65	-71.99	-179.30
9377	-7.36	-3.96	3.00	-53.99	-101.42	-279.45	-81.82	-222.45	-322.98
9378	-7.24	-5.07	3.00	-48.29	-95.20	-78.73	-74.02	-165.04	-298.01
9379	-7.10	-6.17	3.00	-43.29	-84.77	114.37	-64.03	-112.72	-260.82
9380	-6.93	-7.26	3.00	-38.94	-69.81	299.52	-52.65	-66.44	-213.22
9381	-6.23	-3.96	3.00	-39.72	-108.93	-287.55	-82.74	-203.21	-371.23
9382	-6.13	-5.06	3.00	-38.63	-104.62	-75.56	-75.04	-151.26	-341.50
9383	-6.01	-6.16	3.00	-37.70	-95.33	126.88	-65.30	-104.26	-298.69
9384	-5.86	-7.26	3.00	-36.79	-80.67	319.23	-54.28	-63.10	-244.97
9385	-5.09	-3.95	3.00	-26.37	-116.12	-295.99	-79.34	-182.68	-415.16
9386	-5.01	-5.06	3.00	-29.70	-113.50	-73.31	-72.34	-137.87	-381.02
9387	-4.92	-6.16	3.00	-32.63	-105.25	138.01	-63.53	-97.54	-333.04
9388	-4.80	-7.25	3.00	-34.95	-90.89	337.23	-53.59	-62.49	-273.67
9389	-3.96	-3.95	3.00	-13.86	-122.51	-304.85	-71.95	-161.37	-453.05
9390	-3.90	-5.06	3.00	-21.17	-121.35	-72.65	-66.19	-125.21	-415.14
9391	-3.82	-6.16	3.00	-27.57	-114.00	146.66	-58.94	-92.76	-362.72
9392	-3.73	-7.25	3.00	-32.76	-99.93	352.13	-50.75	-64.71	-298.48
9393	-2.83	-3.95	3.00	-1.98	-127.70	-314.42	-61.15	-139.49	-483.42
9394	-2.79	-5.06	3.00	-12.61	-127.73	-74.31	-57.11	-113.24	-442.61
9395	-2.73	-6.16	3.00	-21.94	-121.14	151.73	-51.94	-89.71	-386.75
9396	-2.67	-7.25	3.00	-29.58	-107.36	362.62	-46.04	-69.41	-318.67
9397	-1.70	-3.95	3.00	9.50	-131.42	-324.88	-47.77	-116.87	-505.05
9398	-1.67	-5.05	3.00	-3.67	-132.33	-78.88	-45.77	-101.54	-462.40
9399	-1.64	-6.15	3.00	-15.27	-126.35	152.38	-43.07	-87.72	-404.28
9400	-1.60	-7.25	3.00	-24.86	-112.84	367.68	-39.88	-75.80	-333.61
9401	-0.57	-3.95	3.00	20.61	-133.46	-336.15	-32.80	-93.14	-517.05
9402	-0.56	-5.05	3.00	5.81	-134.94	-86.51	-33.00	-89.38	-473.75
9403	-0.55	-6.15	3.00	-7.34	-129.41	148.25	-32.97	-85.87	-414.69
9404	-0.53	-7.25	3.00	-18.35	-116.17	366.81	-32.74	-82.80	-342.80
9405	0.51	-8.10	4.00	-38.92	-141.97	615.76	-30.50	-104.26	-268.23



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]
9406	0.50	-8.70	4.00	-44.32	-128.20	729.40	-31.99	-106.42	-215.72
9407	1.54	-8.10	4.00	-28.41	-140.77	601.25	-24.08	-119.68	-266.52
9408	1.51	-8.70	4.00	-34.15	-127.28	715.71	-27.54	-125.67	-215.01
9409	2.56	-8.10	4.00	-16.11	-137.12	580.34	-18.18	-131.44	-259.53
9410	2.51	-8.70	4.00	-21.96	-124.04	695.28	-23.44	-141.44	-209.96
9411	3.59	-8.10	4.00	-3.20	-131.34	555.26	-13.30	-138.62	-247.41
9412	3.52	-8.70	4.00	-8.90	-118.79	670.24	-20.08	-152.70	-200.62
9413	4.61	-8.10	4.00	8.91	-123.89	528.66	-9.97	-140.83	-230.48
9414	4.53	-8.70	4.00	3.67	-111.96	643.12	-17.86	-158.96	-187.18
9415	5.64	-8.10	4.00	18.84	-115.42	503.28	-8.64	-138.32	-209.22
9416	5.53	-8.70	4.00	14.37	-104.15	616.62	-17.20	-160.34	-169.99
9417	6.66	-8.10	4.00	25.30	-106.69	481.76	-9.74	-131.91	-184.27
9418	6.54	-8.70	4.00	21.86	-96.07	593.36	-18.45	-157.48	-149.52
9419	7.69	-8.10	4.00	27.23	-98.63	466.33	-13.58	-122.88	-156.37
9420	7.54	-8.70	4.00	25.02	-88.57	575.63	-21.95	-151.51	-126.36
9421	8.71	-8.10	4.00	23.90	-92.35	458.67	-20.42	-112.78	-126.36
9422	8.55	-8.70	4.00	22.90	-82.62	565.21	-27.98	-143.84	-101.22
9423	9.74	-8.10	4.00	14.82	-89.18	459.85	-30.42	-103.16	-95.18
9424	9.56	-8.70	4.00	14.79	-79.45	563.27	-36.76	-136.02	-74.77
9425	10.77	-8.10	4.00	-0.35	-90.79	470.36	-43.77	-95.40	-63.86
9426	10.56	-8.70	4.00	0.01	-80.61	570.52	-48.64	-129.20	-47.96
9427	11.79	-8.10	4.00	-22.04	-99.59	490.19	-60.72	-90.73	-33.42
9428	11.57	-8.70	4.00	-22.56	-87.74	587.10	-64.22	-124.65	-22.06
9429	12.82	-8.10	4.00	-50.99	-119.54	519.56	-81.86	-90.18	-4.59
9430	12.57	-8.70	4.00	-55.17	-104.81	612.86	-84.59	-123.79	2.15
9431	13.84	-8.10	4.00	-86.98	-162.64	559.90	-105.85	-94.88	22.94
9432	13.58	-8.70	4.00	-106.56	-134.00	649.07	-112.02	-128.15	23.25
9433	14.87	-8.10	4.00	-120.95	-270.86	620.28	-148.25	-110.47	50.94
9434	14.59	-8.70	4.00	-193.28	-214.83	706.30	-146.35	-142.85	38.35
9435	15.89	-8.10	4.00	-108.82	-303.65	625.59	-359.31	-191.12	134.36
9436	15.59	-8.70	4.00	-367.12	-419.38	678.29	-221.74	-221.74	41.39
9437	0.52	-8.10	3.00	-17.86	-102.28	520.74	-27.31	-93.34	-283.56
9438	0.51	-8.70	3.00	-22.03	-88.51	627.48	-28.77	-95.88	-236.68
9439	1.56	-8.10	3.00	-8.55	-101.44	509.83	-22.26	-104.28	-281.72
9440	1.54	-8.70	3.00	-12.98	-87.91	617.23	-25.35	-110.53	-235.67
9441	2.61	-8.10	3.00	1.73	-98.65	494.45	-17.76	-112.62	-274.86
9442	2.56	-8.70	3.00	-2.73	-85.47	602.21	-22.33	-122.70	-230.45
9443	3.65	-8.10	3.00	12.01	-94.23	476.42	-14.29	-117.74	-263.15
9444	3.58	-8.70	3.00	7.78	-81.49	584.12	-20.09	-131.68	-221.06
9445	4.69	-8.10	3.00	21.17	-88.63	457.81	-12.31	-119.49	-246.88
9446	4.61	-8.70	3.00	17.46	-76.37	565.00	-19.03	-137.22	-207.71
9447	5.73	-8.10	3.00	28.07	-82.42	440.84	-12.26	-118.19	-226.52
9448	5.63	-8.70	3.00	25.14	-70.68	547.00	-19.50	-139.54	-190.75
9449	6.78	-8.10	3.00	31.61	-76.33	427.57	-14.47	-114.64	-202.68
9450	6.65	-8.70	3.00	29.70	-65.07	532.22	-21.85	-139.30	-170.64
9451	7.82	-8.10	3.00	30.82	-71.24	419.81	-19.24	-110.01	-176.07
9452	7.68	-8.70	3.00	30.08	-60.36	522.52	-26.34	-137.55	-147.98
9453	8.86	-8.10	3.00	24.82	-68.19	418.93	-26.72	-105.73	-147.55
9454	8.70	-8.70	3.00	25.24	-57.49	519.38	-33.21	-135.60	-123.50
9455	9.91	-8.10	3.00	12.67	-68.54	425.92	-36.95	-103.24	-118.06
9456	9.72	-8.70	3.00	14.08	-57.65	523.86	-42.63	-134.91	-97.98
9457	10.95	-8.10	3.00	-6.96	-73.99	441.38	-49.97	-104.01	-88.82
9458	10.75	-8.70	3.00	-4.99	-62.53	536.70	-54.83	-136.76	-72.57
9459	11.99	-8.10	3.00	-36.52	-87.09	465.56	-65.69	-109.76	-61.28
9460	11.77	-8.70	3.00	-34.82	-73.79	558.25	-70.39	-142.82	-49.08
9461	13.03	-8.10	3.00	-80.87	-112.35	498.51	-83.74	-123.36	-37.23
9462	12.80	-8.70	3.00	-81.29	-95.61	587.92	-90.47	-156.11	-29.67
9463	14.08	-8.10	3.00	-147.06	-165.30	539.24	-100.29	-152.97	-17.37
9464	13.82	-8.70	3.00	-160.66	-130.36	625.35	-116.81	-185.28	-18.79
9465	15.12	-8.10	3.00	-237.91	-296.94	563.86	-129.75	-229.27	-3.41
9466	14.84	-8.70	3.00	-301.75	-232.23	645.64	-148.36	-262.68	-21.03
9467	16.16	-8.10	3.00	-316.13	-364.72	483.29	-264.79	-386.02	6.86
9468	15.87	-8.70	3.00	-587.63	-454.70	545.53	-199.98	-484.39	-71.48
9469	-15.89	-8.10	4.00	-16.43	-7.45	260.97	26.56	3.84	87.98
9470	-15.59	-8.70	4.00	-12.04	-0.36	354.41	26.64	24.15	97.44
9471	-14.87	-8.10	4.00	-26.00	-8.68	288.46	15.68	-22.19	73.12
9472	-14.59	-8.70	4.00	-19.97	-1.70	381.31	16.60	1.51	83.26
9473	-13.84	-8.10	4.00	-31.83	-11.60	314.69	4.25	-37.71	52.51
9474	-13.58	-8.70	4.00	-24.94	-4.66	407.38	6.11	-11.68	64.15
9475	-12.82	-8.10	4.00	-34.25	-16.51	338.70	-7.38	-44.58	28.17
9476	-12.57	-8.70	4.00	-27.13	-9.29	431.73	-4.44	-17.08	42.08
9477	-11.79	-8.10	4.00	-34.58	-23.33	361.95	-18.47	-44.86	1.01
9478	-11.57	-8.70	4.00	-27.74	-15.32	456.03	-14.04	-16.86	17.74
9479	-10.77	-8.10	4.00	-33.95	-32.36	385.98	-28.48	-40.66	-28.18
9480	-10.56	-8.70	4.00	-27.91	-23.76	481.44	-22.68	-12.72	-8.02
9481	-9.74	-8.10	4.00	-33.57	-43.43	411.95	-37.23	-34.10	-58.66
9482	-9.56	-8.70	4.00	-28.73	-34.12	509.22	-30.24	-7.05	-34.81
9483	-8.71	-8.10	4.00	-34.29	-56.01	440.46	-44.37	-27.23	-89.61
9484	-8.55	-8.70	4.00	-30.78	-45.92	539.80	-36.45	-1.77	-61.70
9485	-7.69	-8.10	4.00	-36.46	-69.58	471.28	-49.69	-21.76	-120.21
9486	-7.54	-8.70	4.00	-34.36	-58.73	572.69	-41.27	1.67	-87.99
9487	-6.66	-8.10	4.00	-39.95	-83.47	503.41	-53.10	-19.16	-149.68
9488	-6.54	-8.70	4.00	-39.24	-71.87	606.83	-44.62	1.81	-113.20
9489	-5.64	-8.10	4.00	-44.25	-97.02	535.29	-54.55	-20.53	-177.33
9490	-5.53	-8.70	4.00	-44.81	-84.72	640.59	-46.44	-2.34	-136.75
9491	-4.61	-8.10	4.00	-48.51	-109.61	564.93	-54.07	-26.46	-202.41
9492	-4.53	-8.70	4.00	-50.20	-96.71	671.94	-46.79	-11.29	-158.10
9493	-3.59	-8.10	4.00	-51.72	-120.66	590.18	-51.81	-36.90	-224.26
9494	-3.52	-8.70	4.00	-54.41	-107.29	698.76	-45.77	-24.93	-176.74
9495	-2.56	-8.10	4.00	-52.95	-129.72	609.07	-47.98	-51.24	-242.26
9496	-2.51	-8.70	4.00	-56.48	-116.01	719.10	-43.54	-42.59	-192.21
9497	-1.54	-8.10	4.00	-51.42	-136.41	620.07	-42.91	-68.30	-255.87
9498	-1.51	-8.70	4.00	-55.68	-122.54	731.44	-40.31	-63.09	-204.10
9499	-0.51	-8.10	4.00	-46.74	-140.53	622.30	-36.94	-86.55	-264.64
9500	-0.50	-8.70	4.00	-51.60	-126.63	734.89	-36.38	-84.94	-212.06
9501	-16.16	-8.10	3.00	-19.56	-18.19	198.93	27.83	-5.35	71.69
9502	-15.87	-8.70	3.00	-14.97	-9.72	292.70	27.61	15.25	81.97
9503	-15.12	-8.10	3.00	-34.69	-13.55	237.05	20.30	-31.65	55.03
9504	-14.84	-8.70	3.00	-28.02	-4.98	329.27	20.47	-7.70	66.12

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]
9505	-14.08	-8.10	3.00	-42.96	-11.17	270.08	11.24	-46.33	33.64
9506	-13.82	-8.70	3.00	-35.18	-2.63	361.03	12.03	-20.26	46.36
9507	-13.03	-8.10	3.00	-46.38	-11.26	298.20	1.13	-52.93	8.36
9508	-12.80	-8.70	3.00	-38.11	-2.43	388.41	2.83	-25.68	23.23
9509	-11.99	-8.10	3.00	-46.04	-13.62	322.76	-8.95	-53.70	-19.64
9510	-11.77	-8.70	3.00	-37.91	-4.11	413.04	-5.93	-26.33	-2.30
9511	-10.95	-8.10	3.00	-43.62	-18.49	345.43	-18.39	-50.82	-49.42
9512	-10.75	-8.70	3.00	-36.24	-8.53	436.34	-14.18	-23.79	-29.18
9513	-9.91	-8.10	3.00	-40.63	-25.63	367.81	-26.86	-46.01	-80.15
9514	-9.72	-8.70	3.00	-34.43	-15.12	459.95	-21.60	-20.02	-56.89
9515	-8.86	-8.10	3.00	-38.11	-34.50	390.87	-33.98	-40.83	-111.04
9516	-8.70	-8.70	3.00	-33.24	-23.43	484.62	-27.89	-16.49	-84.44
9517	-7.82	-8.10	3.00	-36.51	-44.57	414.81	-39.50	-36.54	-141.26
9518	-7.68	-8.70	3.00	-33.08	-32.96	510.30	-32.94	-14.21	-111.12
9519	-6.78	-8.10	3.00	-35.94	-55.22	439.17	-43.29	-34.23	-170.15
9520	-6.65	-8.70	3.00	-33.92	-43.06	536.44	-36.62	-14.28	-136.49
9521	-5.73	-8.10	3.00	-36.07	-65.83	462.96	-45.27	-34.76	-197.02
9522	-5.63	-8.70	3.00	-35.37	-53.16	561.95	-38.87	-17.48	-159.98
9523	-4.69	-8.10	3.00	-36.33	-75.84	484.83	-45.48	-38.58	-221.24
9524	-4.61	-8.70	3.00	-36.81	-62.71	585.45	-39.73	-24.22	-181.11
9525	-3.65	-8.10	3.00	-36.01	-84.73	503.30	-44.05	-45.72	-242.18
9526	-3.58	-8.70	3.00	-37.53	-71.24	605.41	-39.30	-34.46	-199.41
9527	-2.61	-8.10	3.00	-34.41	-92.09	516.95	-41.20	-55.73	-259.32
9528	-2.56	-8.70	3.00	-36.81	-78.35	620.43	-37.75	-47.72	-214.45
9529	-1.56	-8.10	3.00	-30.99	-97.58	524.69	-37.22	-67.78	-272.17
9530	-1.54	-8.70	3.00	-34.12	-83.71	629.42	-35.29	-63.13	-225.88
9531	-0.52	-8.10	3.00	-25.46	-101.01	525.93	-32.46	-80.74	-280.35
9532	-0.51	-8.70	3.00	-29.16	-87.12	631.76	-32.21	-79.61	-233.40
9533	10.53	-9.43	4.00	-0.74	-69.38	695.85	-58.23	-165.55	-20.55
9534	11.47	-9.39	4.00	-22.50	-77.17	702.24	-72.40	-160.58	-2.46
9535	12.41	-9.35	4.00	-53.63	-92.35	715.86	-91.23	-158.33	14.54
9536	10.69	-10.30	4.00	-1.81	-57.83	844.37	-71.62	-206.09	17.66
9537	11.51	-10.18	4.00	-20.56	-68.08	833.87	-83.88	-199.63	25.04
9538	12.33	-10.04	4.00	-46.87	-83.70	827.46	-100.48	-194.32	32.45
9539	10.84	-11.17	4.00	1.38	-48.43	991.31	-82.26	-243.36	55.07
9540	11.54	-10.95	4.00	-13.08	-61.07	962.78	-91.87	-235.56	52.96
9541	12.23	-10.73	4.00	-31.90	-76.23	936.27	-106.46	-227.69	51.68
9542	0.51	-9.77	4.00	-50.72	-96.52	917.55	-34.31	-109.83	-117.85
9543	1.52	-9.77	4.00	-40.75	-96.35	903.86	-33.17	-135.06	-119.46
9544	2.53	-9.75	4.00	-28.39	-94.30	881.79	-31.99	-156.64	-118.48
9545	3.54	-9.73	4.00	-14.84	-90.63	853.52	-31.01	-173.32	-114.81
9546	4.55	-9.71	4.00	-1.53	-85.75	821.64	-30.50	-184.44	-108.36
9547	5.56	-9.67	4.00	10.04	-80.19	789.00	-30.81	-189.92	-99.15
9548	6.57	-9.64	4.00	18.42	-74.58	758.30	-32.29	-190.31	-87.30
9549	7.57	-9.59	4.00	22.39	-69.66	731.94	-35.35	-186.63	-73.06
9550	8.57	-9.54	4.00	20.88	-66.31	711.77	-40.42	-180.21	-56.83
9551	9.57	-9.48	4.00	13.09	-65.43	699.00	-47.94	-172.57	-39.24
9552	0.52	-11.32	4.00	-54.77	-42.57	1166.20	-36.82	-114.58	21.88
9553	1.57	-11.30	4.00	-44.97	-43.87	1152.44	-40.06	-147.75	17.10
9554	2.62	-11.26	4.00	-32.34	-44.32	1127.90	-42.75	-176.87	12.20
9555	3.66	-11.20	4.00	-18.21	-44.06	1094.76	-44.86	-200.39	7.64
9556	4.70	-11.12	4.00	-4.17	-43.36	1055.74	-46.51	-217.37	3.93
9557	5.73	-11.02	4.00	8.12	-42.58	1013.75	-47.99	-227.53	1.56
9558	6.76	-10.91	4.00	17.05	-42.19	971.57	-49.73	-231.25	0.93
9559	7.77	-10.77	4.00	21.28	-42.74	931.58	-52.29	-229.46	2.26
9560	8.78	-10.62	4.00	19.72	-44.90	895.61	-56.37	-223.42	5.54
9561	9.78	-10.45	4.00	11.53	-49.51	864.76	-62.79	-214.62	10.60
9562	0.54	-12.87	4.00	-52.44	13.09	1399.05	-38.21	-119.07	154.62
9563	1.63	-12.83	4.00	-43.21	10.02	1386.24	-45.05	-158.22	147.05
9564	2.70	-12.77	4.00	-31.01	6.53	1361.05	-50.92	-193.28	136.91
9565	3.78	-12.67	4.00	-17.19	2.64	1325.47	-55.56	-222.47	124.91
9566	4.85	-12.54	4.00	-3.35	-1.67	1281.96	-58.97	-244.63	111.91
9567	5.90	-12.37	4.00	8.81	-6.45	1233.15	-61.41	-259.27	98.82
9568	6.95	-12.18	4.00	17.71	-11.91	1181.60	-63.37	-266.56	86.47
9569	7.98	-11.96	4.00	22.00	-18.35	1129.47	-65.58	-267.21	75.51
9570	8.99	-11.70	4.00	20.66	-26.28	1078.42	-68.96	-262.32	66.39
9571	9.99	-11.42	4.00	12.91	-36.35	1029.59	-74.71	-253.14	59.16
9572	0.56	-14.41	4.00	-44.87	59.68	1630.98	-38.24	-123.73	276.46
9573	1.68	-14.37	4.00	-36.56	55.05	1619.35	-47.55	-167.22	266.61
9574	2.79	-14.27	4.00	-25.46	48.87	1594.00	-55.62	-206.77	252.12
9575	3.90	-14.14	4.00	-12.79	41.34	1556.54	-62.08	-240.51	233.84
9576	4.99	-13.95	4.00	-0.02	32.72	1509.03	-66.81	-267.14	212.87
9577	6.07	-13.72	4.00	11.29	23.19	1453.68	-70.05	-285.96	190.40
9578	7.14	-13.45	4.00	19.68	12.84	1392.69	-72.33	-296.88	167.57
9579	8.18	-13.14	4.00	23.95	1.57	1327.98	-74.47	-300.35	145.43
9580	9.21	-12.78	4.00	23.22	-10.99	1261.12	-77.51	-297.24	124.81
9581	10.20	-12.39	4.00	16.94	-25.81	1193.23	-82.77	-288.70	106.43
9582	0.58	-15.96	4.00	-33.92	92.31	1864.72	-37.07	-128.77	386.33
9583	1.73	-15.90	4.00	-26.86	86.70	1854.00	-47.89	-175.25	374.63
9584	2.88	-15.78	4.00	-17.35	78.82	1828.04	-57.38	-218.05	356.67
9585	4.01	-15.60	4.00	-6.42	69.02	1788.12	-65.11	-255.33	333.32
9586	5.14	-15.37	4.00	4.68	57.67	1735.90	-70.91	-285.73	305.79
9587	6.24	-15.07	4.00	14.63	45.16	1673.21	-74.96	-308.35	275.41
9588	7.33	-14.72	4.00	22.19	31.72	1601.97	-77.76	-322.85	243.57
9589	8.39	-14.32	4.00	26.35	17.36	1523.95	-80.08	-329.41	211.58
9590	9.42	-13.86	4.00	26.36	1.77	1440.73	-82.90	-328.61	180.59
9591	10.42	-13.36	4.00	21.78	-15.92	1353.61	-87.35	-321.38	151.51
9592	0.59	-17.51	4.00	-20.52	119.27	2089.78	-35.39	-134.23	486.39
9593	1.78	-17.43	4.00	-14.86	113.10	2079.93	-47.52	-182.75	473.22
9594	2.96	-17.29	4.00	-7.14	104.24	2053.49	-58.29	-227.95	452.48
9595	4.13	-17.07	4.00	1.82	93.04	2011.41	-67.23	-268.10	425.09
9596	5.28	-16.78	4.00	11.02	79.98	1954.97	-74.15	-301.78	392.22
9597	6.41	-16.42	4.00	19.38	65.52	1885.68	-79.11	-327.97	355.26
9598	7.52	-15.99	4.00	25.88	50.01	1805.15	-82.51	-346.09	315.69
9599	8.59	-15.50	4.00	29.68	33.54	1715.01	-85.01	-355.96	274.99
9600	9.63	-14.94	4.00	30.18	15.93	1616.82	-87.48	-357.81	234.48
9601	10.63	-14.32	4.00	27.05	-3.68	1511.91	-90.87	-352.32	195.50
9602	15.16	-9.48	4.00	-317.24	-371.78	795.66	-348.34	-236.42	-13.35
9603	14.58	-10.43	4.00	-56.37	-215.01	945.69	-192.45	-246.73	38.72

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]
9604	13.95	-11.34	4.00	-30.68	-137.48	1058.18	-143.34	-276.41	67.32
9605	14.25	-9.42	4.00	-171.01	-164.14	794.68	-172.05	-181.42	38.58
9606	13.84	-10.25	4.00	-103.74	-151.07	893.88	-170.43	-221.42	46.68
9607	13.39	-11.04	4.00	-39.48	-117.01	1005.67	-138.02	-252.44	64.15
9608	13.33	-9.36	4.00	-98.26	-121.20	744.87	-121.54	-163.38	30.56
9609	13.10	-10.06	4.00	-76.20	-106.54	849.09	-127.61	-200.78	41.43
9610	12.85	-10.75	4.00	-46.80	-95.69	950.81	-123.51	-233.42	56.17
9611	11.56	-13.65	4.00	19.50	-25.00	1403.18	-96.75	-340.31	159.24
9612	11.30	-12.83	4.00	12.92	-34.21	1268.38	-94.03	-309.49	125.91
9613	11.04	-12.01	4.00	6.77	-40.60	1132.89	-90.12	-277.93	91.77
9614	12.42	-12.94	4.00	8.86	-51.96	1292.02	-105.64	-322.60	126.37
9615	12.07	-12.30	4.00	1.39	-56.07	1185.89	-103.37	-294.49	104.06
9616	11.72	-11.66	4.00	-5.13	-56.33	1080.17	-98.79	-267.05	80.37
9617	13.23	-12.18	4.00	-5.30	-86.13	1178.74	-119.76	-300.99	95.92
9618	12.80	-11.73	4.00	-15.21	-83.63	1102.67	-116.90	-277.13	84.32
9619	12.39	-11.28	4.00	-21.02	-77.66	1027.96	-111.12	-254.50	69.78
9620	10.73	-9.45	3.00	-3.92	-51.56	659.26	-64.28	-174.26	-44.50
9621	11.68	-9.40	3.00	-32.06	-63.58	670.79	-79.40	-179.23	-28.68
9622	12.63	-9.36	3.00	-74.29	-83.66	688.36	-99.73	-189.58	-16.56
9623	10.89	-10.34	3.00	-2.28	-42.31	807.69	-77.26	-217.96	-4.73
9624	11.72	-10.21	3.00	-26.23	-56.91	801.94	-91.04	-219.66	-0.15
9625	12.55	-10.07	3.00	-60.35	-77.95	798.88	-110.18	-224.10	1.84
9626	11.04	-11.22	3.00	4.87	-36.43	956.05	-86.06	-257.23	35.03
9627	11.76	-11.00	3.00	-13.25	-53.17	931.33	-97.25	-255.16	29.37
9628	12.46	-10.77	3.00	-37.01	-73.90	907.07	-114.10	-253.86	22.56
9629	0.52	-9.79	3.00	-26.66	-58.31	810.37	-31.17	-100.13	-146.14
9630	1.55	-9.79	3.00	-17.72	-58.40	800.02	-30.56	-120.74	-147.16
9631	2.58	-9.77	3.00	-7.23	-57.04	783.32	-30.03	-138.70	-145.43
9632	3.61	-9.75	3.00	3.82	-54.51	762.04	-29.83	-153.11	-140.89
9633	4.64	-9.73	3.00	14.26	-51.17	738.30	-30.24	-163.52	-133.55
9634	5.66	-9.69	3.00	22.81	-47.54	714.37	-31.57	-170.00	-123.48
9635	6.69	-9.65	3.00	28.25	-44.21	692.47	-34.16	-173.10	-110.85
9636	7.71	-9.61	3.00	29.37	-41.92	674.54	-38.35	-173.75	-96.03
9637	8.73	-9.55	3.00	25.06	-41.53	662.14	-44.52	-173.18	-79.51
9638	9.74	-9.50	3.00	14.09	-43.96	656.36	-53.08	-172.80	-62.12
9639	0.53	-11.38	3.00	-28.27	-7.33	1058.12	-34.02	-106.26	-11.37
9640	1.60	-11.36	3.00	-19.38	-8.81	1047.52	-37.19	-135.07	-15.20
9641	2.67	-11.32	3.00	-8.53	-9.80	1028.20	-40.00	-160.85	-18.67
9642	3.73	-11.26	3.00	3.16	-10.46	1001.97	-42.49	-182.41	-21.44
9643	4.79	-11.18	3.00	14.38	-11.06	971.05	-44.78	-199.02	-23.15
9644	5.84	-11.08	3.00	23.69	-11.97	937.82	-47.16	-210.55	-23.49
9645	6.88	-10.96	3.00	29.67	-13.67	904.56	-50.01	-217.34	-22.27
9646	7.92	-10.82	3.00	31.04	-16.75	873.25	-53.82	-220.20	-19.48
9647	8.95	-10.66	3.00	26.59	-21.94	845.42	-59.23	-220.22	-15.36
9648	9.96	-10.49	3.00	15.09	-30.12	821.99	-67.04	-218.70	-10.42
9649	0.55	-12.97	3.00	-23.29	45.05	1295.71	-35.94	-112.42	124.73
9650	1.66	-12.94	3.00	-14.76	41.90	1285.71	-42.21	-147.97	118.27
9651	2.76	-12.87	3.00	-4.15	38.03	1265.31	-47.73	-180.37	109.87
9652	3.85	-12.77	3.00	7.42	33.42	1236.15	-52.35	-208.19	100.05
9653	4.94	-12.63	3.00	18.58	28.02	1200.25	-56.06	-230.48	89.45
9654	6.02	-12.46	3.00	27.86	21.69	1159.80	-59.13	-246.83	78.70
9655	7.08	-12.26	3.00	33.84	14.18	1116.88	-61.97	-257.35	68.33
9656	8.13	-12.03	3.00	35.24	5.12	1073.28	-65.26	-262.57	58.68
9657	9.16	-11.77	3.00	30.93	-6.10	1030.30	-69.86	-263.35	49.86
9658	10.18	-11.48	3.00	19.90	-20.22	988.80	-77.00	-260.72	41.54
9659	0.57	-14.56	3.00	-13.26	85.58	1536.99	-36.54	-118.99	257.25
9660	1.71	-14.51	3.00	-5.46	80.90	1527.81	-44.71	-159.92	248.34
9661	2.85	-14.42	3.00	4.24	74.40	1506.65	-51.87	-197.70	235.28
9662	3.97	-14.27	3.00	14.82	66.27	1474.86	-57.72	-230.75	218.72
9663	5.09	-14.08	3.00	24.98	56.67	1434.15	-62.20	-257.92	199.49
9664	6.19	-13.85	3.00	33.39	45.71	1386.33	-65.54	-278.53	178.47
9665	7.28	-13.57	3.00	38.75	33.41	1333.16	-68.21	-292.40	156.51
9666	8.34	-13.25	3.00	39.96	19.61	1276.18	-70.99	-299.79	134.35
9667	9.38	-12.88	3.00	36.15	3.86	1216.56	-74.89	-301.32	112.52
9668	10.40	-12.48	3.00	26.76	-14.98	1154.99	-81.29	-297.89	91.41
9669	0.59	-16.15	3.00	-0.36	107.99	1785.18	-35.69	-125.89	377.53
9670	1.77	-16.09	3.00	6.33	102.39	1776.50	-44.67	-170.61	366.40
9671	2.94	-15.96	3.00	14.57	94.47	1753.95	-52.54	-212.27	349.18
9672	4.09	-15.78	3.00	23.49	84.49	1718.64	-58.98	-249.24	326.59
9673	5.24	-15.54	3.00	32.03	72.75	1671.91	-63.90	-280.23	299.63
9674	6.37	-15.23	3.00	39.08	59.53	1615.29	-67.51	-304.35	269.41
9675	7.47	-14.88	3.00	43.60	44.98	1550.31	-70.30	-321.21	237.10
9676	8.55	-14.46	3.00	44.76	29.05	1478.39	-73.02	-330.83	203.78
9677	9.60	-13.99	3.00	41.93	11.30	1400.74	-76.63	-333.65	170.45
9678	10.62	-13.47	3.00	34.82	-9.23	1318.31	-82.24	-330.47	137.87
9679	0.61	-17.74	3.00	12.24	119.95	2015.33	-34.00	-132.63	477.00
9680	1.82	-17.66	3.00	17.61	113.97	2007.03	-43.69	-179.44	464.22
9681	3.02	-17.51	3.00	24.21	105.47	1983.12	-52.25	-223.46	444.03
9682	4.22	-17.29	3.00	31.33	94.71	1944.41	-59.34	-263.09	417.20
9683	5.39	-16.99	3.00	38.17	82.05	1892.01	-64.85	-297.03	384.74
9684	6.54	-16.62	3.00	43.83	67.83	1827.19	-68.93	-324.29	347.86
9685	7.67	-16.18	3.00	47.50	52.26	1751.31	-71.96	-344.24	307.87
9686	8.76	-15.67	3.00	48.51	35.31	1665.75	-74.55	-356.65	266.05
9687	9.82	-15.10	3.00	46.41	16.69	1571.82	-77.51	-361.62	223.61
9688	10.84	-14.46	3.00	40.91	-4.65	1470.55	-81.68	-359.72	181.66
9689	15.44	-9.50	3.00	-430.57	-452.80	684.52	-408.88	-401.01	-147.89
9690	14.85	-10.47	3.00	-42.92	-253.84	891.92	-196.25	-282.60	-30.72
9691	14.21	-11.40	3.00	-23.55	-158.06	1017.89	-140.11	-304.63	23.25
9692	14.50	-9.43	3.00	-238.76	-173.02	747.02	-198.21	-270.96	-30.65
9693	14.09	-10.28	3.00	-123.42	-170.70	857.81	-192.33	-273.08	-11.70
9694	13.64	-11.10	3.00	-34.57	-129.73	975.09	-144.40	-283.06	23.26
9695	13.57	-9.37	3.00	-138.15	-119.69	717.47	-134.55	-213.61	-11.94
9696	13.34	-10.09	3.00	-98.15	-109.38	819.34	-141.93	-241.69	0.81
9697	13.08	-10.80	3.00	-52.75	-100.94	921.09	-133.09	-264.14	20.21
9698	11.79	-13.78	3.00	31.41	-28.50	1364.57	-88.56	-351.61	141.36
9699	11.52	-12.93	3.00	23.98	-30.84	1236.39	-90.45	-322.74	107.93
9700	11.25	-12.09	3.00	13.76	-33.89	1099.07	-89.95	-291.89	73.05
9701	12.66	-13.04	3.00	19.19	-58.90	1255.06	-98.68	-338.08	102.90
9702	12.30	-12.38	3.00	10.76	-56.51	1155.76	-101.71	-312.07	80.67

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]
9703	11.95	-11.73	3.00	-0.82	-53.58	1048.98	-100.29	-285.37	57.10
9704	13.48	-12.26	3.00	4.15	-98.14	1141.30	-114.44	-321.28	64.49
9705	13.05	-11.80	3.00	-7.65	-89.45	1072.78	-117.74	-300.08	53.66
9706	12.62	-11.34	3.00	-19.33	-79.43	998.23	-115.38	-277.87	40.29
9707	-10.55	-9.42	4.00	-21.16	-11.54	591.23	-14.00	15.97	23.92
9708	-11.49	-9.38	4.00	-20.65	-5.25	560.25	-7.33	11.62	42.88
9709	-12.42	-9.34	4.00	-20.10	-1.03	530.08	-0.03	10.12	60.95
9710	-10.73	-10.27	4.00	-13.62	5.14	714.63	-3.08	47.56	67.91
9711	-11.54	-10.15	4.00	-13.12	7.56	673.72	1.05	42.43	77.01
9712	-12.35	-10.02	4.00	-13.06	9.09	632.93	5.65	38.39	86.13
9713	-10.89	-11.13	4.00	-6.43	20.15	840.13	6.58	76.82	111.79
9714	-11.58	-10.92	4.00	-6.25	19.03	788.22	8.48	71.06	111.61
9715	-12.26	-10.70	4.00	-6.23	18.44	735.81	11.49	65.34	112.65
9716	-0.51	-9.77	4.00	-57.55	-94.63	920.81	-35.26	-82.55	-114.03
9717	-1.54	-9.76	4.00	-60.60	-90.89	913.00	-35.87	-54.79	-108.26
9718	-2.56	-9.74	4.00	-60.00	-85.14	894.97	-36.07	-29.02	-100.31
9719	-3.57	-9.72	4.00	-56.33	-77.62	867.91	-35.79	-6.88	-90.27
9720	-4.58	-9.69	4.00	-50.45	-68.68	833.58	-34.95	10.39	-78.28
9721	-5.59	-9.65	4.00	-43.45	-58.73	794.17	-33.46	22.14	-64.49
9722	-6.60	-9.62	4.00	-36.42	-48.24	751.94	-31.25	28.34	-49.04
9723	-7.60	-9.57	4.00	-30.27	-37.72	708.96	-28.24	29.53	-32.17
9724	-8.59	-9.52	4.00	-25.67	-27.68	666.88	-24.36	26.79	-14.16
9725	-9.59	-9.47	4.00	-22.83	-18.61	626.71	-19.58	21.57	4.57
9726	-0.54	-11.31	4.00	-60.92	-40.44	1166.37	-33.14	-78.95	25.60
9727	-1.61	-11.28	4.00	-62.82	-37.62	1152.31	-29.25	-43.28	28.10
9728	-2.68	-11.23	4.00	-60.59	-33.75	1125.95	-25.49	-10.58	30.31
9729	-3.73	-11.16	4.00	-55.05	-29.00	1088.84	-22.04	17.21	32.41
9730	-4.78	-11.07	4.00	-47.33	-23.63	1043.11	-18.99	38.80	34.71
9731	-5.81	-10.97	4.00	-38.70	-17.91	991.19	-16.33	53.55	37.57
9732	-6.83	-10.86	4.00	-30.39	-12.15	935.48	-13.95	61.55	41.30
9733	-7.84	-10.72	4.00	-23.37	-6.65	878.03	-11.66	63.49	46.14
9734	-8.84	-10.58	4.00	-18.26	-1.69	820.39	-9.21	60.54	52.16
9735	-9.83	-10.41	4.00	-15.28	2.48	763.43	-6.37	54.22	59.31
9736	-0.56	-12.86	4.00	-57.94	15.51	1396.59	-30.64	-77.25	158.44
9737	-1.68	-12.81	4.00	-59.08	17.23	1378.25	-22.95	-35.55	158.36
9738	-2.79	-12.73	4.00	-56.01	18.67	1346.29	-15.90	2.55	155.51
9739	-3.88	-12.62	4.00	-49.64	19.83	1302.30	-9.87	35.05	150.45
9740	-4.95	-12.48	4.00	-41.21	20.73	1248.37	-5.08	60.60	143.89
9741	-6.01	-12.31	4.00	-32.02	21.38	1186.81	-1.55	78.58	136.64
9742	-7.05	-12.12	4.00	-23.34	21.78	1119.82	0.88	89.05	129.46
9743	-8.07	-11.89	4.00	-16.11	21.90	1049.32	2.52	92.70	122.97
9744	-9.07	-11.65	4.00	-10.92	21.69	976.70	3.81	90.64	117.64
9745	-10.06	-11.37	4.00	-7.94	21.23	902.88	5.20	84.20	113.59
9746	-0.58	-14.40	4.00	-49.65	62.41	1626.29	-28.03	-77.62	280.52
9747	-1.74	-14.34	4.00	-50.37	63.28	1604.81	-17.76	-31.77	278.66
9748	-2.87	-14.23	4.00	-47.17	62.59	1568.64	-8.42	10.35	271.91
9749	-4.00	-14.09	4.00	-40.91	60.58	1519.16	-0.53	46.76	261.05
9750	-5.10	-13.89	4.00	-32.73	57.55	1458.14	5.60	76.06	247.09
9751	-6.18	-13.66	4.00	-23.89	53.81	1387.60	9.90	97.56	231.16
9752	-7.24	-13.39	4.00	-15.52	49.67	1309.47	12.58	111.22	214.36
9753	-8.28	-13.08	4.00	-8.52	45.35	1225.49	14.03	117.55	197.65
9754	-9.29	-12.73	4.00	-3.45	41.01	1137.04	14.75	117.53	181.85
9755	-10.27	-12.34	4.00	-0.50	36.72	1045.10	15.33	112.36	167.68
9756	-0.59	-15.95	4.00	-37.89	95.28	1858.33	-25.37	-80.00	390.77
9757	-1.77	-15.88	4.00	-38.38	95.71	1834.42	-13.64	-31.60	387.92
9758	-2.94	-15.75	4.00	-35.48	93.71	1794.55	-2.87	13.36	378.50
9759	-4.09	-15.57	4.00	-29.90	89.71	1739.80	6.32	52.99	363.39
9760	-5.22	-15.32	4.00	-22.59	84.17	1671.65	13.56	85.89	343.71
9761	-6.33	-15.03	4.00	-14.59	77.61	1591.76	18.75	111.22	320.76
9762	-7.41	-14.68	4.00	-6.91	70.51	1501.91	22.02	128.73	295.83
9763	-8.46	-14.28	4.00	-0.36	63.25	1403.75	23.75	138.65	270.16
9764	-9.48	-13.82	4.00	4.51	56.09	1298.79	24.41	141.68	244.82
9765	-10.47	-13.32	4.00	7.42	49.09	1188.25	24.56	138.75	220.67
9766	-0.60	-17.50	4.00	-23.55	122.28	2082.10	-22.50	-83.91	491.28
9767	-1.80	-17.43	4.00	-23.79	122.38	2056.52	-9.67	-34.08	488.07
9768	-2.99	-17.28	4.00	-21.29	119.56	2013.80	2.29	12.90	477.13
9769	-4.16	-17.06	4.00	-16.53	114.28	1954.75	12.70	55.33	459.19
9770	-5.31	-16.77	4.00	-10.22	107.07	1880.47	21.13	91.80	435.33
9771	-6.45	-16.41	4.00	-3.24	98.54	1792.33	27.36	121.29	406.85
9772	-7.55	-15.98	4.00	3.59	89.25	1691.89	31.43	143.23	375.11
9773	-8.62	-15.48	4.00	9.51	79.71	1580.73	33.59	157.48	341.50
9774	-9.65	-14.93	4.00	13.99	70.28	1460.42	34.26	164.27	307.24
9775	-10.65	-14.31	4.00	16.77	61.07	1332.33	33.92	164.22	273.57
9776	-15.16	-9.48	4.00	-4.91	8.22	477.97	27.22	50.10	112.17
9777	-14.59	-10.43	4.00	2.38	17.97	630.53	28.35	80.91	133.09
9778	-13.96	-11.33	4.00	8.68	27.23	781.54	29.85	108.03	157.24
9779	-14.25	-9.42	4.00	-12.15	5.78	492.93	17.90	29.02	97.86
9780	-13.85	-10.23	4.00	-4.58	14.93	622.70	20.24	59.85	118.16
9781	-13.41	-11.03	4.00	1.74	23.38	751.63	22.67	87.61	140.80
9782	-13.34	-9.35	4.00	-17.22	2.71	507.94	8.71	15.60	80.16
9783	-13.12	-10.05	4.00	-9.90	11.62	615.93	12.41	44.17	100.48
9784	-12.87	-10.73	4.00	-4.08	19.66	723.69	15.74	70.33	122.70
9785	-11.58	-13.64	4.00	17.03	52.66	1200.11	33.20	157.96	241.74
9786	-11.34	-12.80	4.00	8.02	42.97	1080.29	24.42	131.32	198.95
9787	-11.10	-11.97	4.00	0.40	32.98	962.20	16.08	104.87	156.25
9788	-12.43	-12.93	4.00	15.71	43.97	1065.37	32.24	145.93	211.94
9789	-12.10	-12.27	4.00	7.37	36.61	976.06	24.11	120.72	179.62
9790	-11.77	-11.62	4.00	0.42	29.22	889.00	16.50	97.01	146.91
9791	-13.24	-12.17	4.00	12.76	35.73	926.52	31.07	129.88	184.31
9792	-12.83	-11.71	4.00	5.47	30.48	869.52	23.91	107.59	161.93
9793	-12.42	-11.26	4.00	-0.33	24.83	814.79	17.16	87.57	138.02
9794	-10.74	-9.43	3.00	-28.17	3.96	543.28	-7.34	5.07	3.89
9795	-11.69	-9.39	3.00	-29.40	6.47	514.68	-0.91	2.28	24.27
9796	-12.64	-9.35	3.00	-29.72	6.64	484.83	5.79	1.69	43.57
9797	-10.93	-10.30	3.00	-19.30	19.66	665.83	1.33	37.97	50.81
9798	-11.76	-10.18	3.00	-20.32	18.68	627.02	5.38	33.98	61.01
9799	-12.58	-10.05	3.00	-21.13	16.52	586.76	9.70	30.50	70.83
9800	-11.10	-11.18	3.00	-10.55	33.01	791.53	8.54	68.59	98.46
9801	-11.80	-10.97	3.00	-11.80	29.05	741.16	10.56	63.37	98.50

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]
9802	-12.49	-10.74	3.00	-12.72	25.24	689.07	13.55	57.82	99.45
9803	-0.52	-9.79	3.00	-33.43	-56.61	812.60	-31.69	-78.08	-142.72
9804	-1.56	-9.78	3.00	-37.50	-53.52	806.15	-31.95	-55.73	-137.07
9805	-2.60	-9.76	3.00	-38.94	-48.85	791.81	-31.84	-35.00	-128.98
9806	-3.64	-9.74	3.00	-38.17	-42.84	770.40	-31.25	-17.15	-118.55
9807	-4.67	-9.71	3.00	-35.89	-35.77	743.23	-30.08	-3.12	-105.90
9808	-5.69	-9.67	3.00	-32.89	-28.03	711.91	-28.25	6.62	-91.21
9809	-6.72	-9.63	3.00	-29.99	-20.07	678.10	-25.66	12.06	-74.67
9810	-7.74	-9.59	3.00	-27.86	-12.36	643.27	-22.26	13.64	-56.53
9811	-8.75	-9.54	3.00	-26.94	-5.38	608.52	-18.03	12.17	-37.12
9812	-9.76	-9.48	3.00	-27.29	0.37	574.42	-12.99	8.76	-16.91
9813	-0.55	-11.37	3.00	-34.54	-5.40	1057.44	-30.54	-75.65	-8.05
9814	-1.65	-11.34	3.00	-37.70	-3.13	1044.99	-26.91	-45.15	-5.31
9815	-2.73	-11.29	3.00	-37.78	-0.18	1022.59	-23.36	-17.20	-2.25
9816	-3.81	-11.22	3.00	-35.42	3.30	991.37	-20.01	6.70	1.25
9817	-4.87	-11.13	3.00	-31.49	7.07	952.96	-16.90	25.51	5.38
9818	-5.92	-11.03	3.00	-27.00	10.87	909.17	-14.01	38.74	10.37
9819	-6.96	-10.91	3.00	-22.89	14.40	861.79	-11.24	46.42	16.38
9820	-7.99	-10.77	3.00	-19.89	17.34	812.32	-8.46	49.07	23.51
9821	-9.01	-10.62	3.00	-18.42	19.39	761.79	-5.48	47.56	31.68
9822	-10.01	-10.45	3.00	-18.57	20.30	710.66	-2.19	43.01	40.73
9823	-0.57	-12.96	3.00	-29.11	47.28	1292.53	-29.10	-74.84	128.12
9824	-1.71	-12.91	3.00	-31.71	48.58	1275.77	-22.19	-37.56	128.41
9825	-2.84	-12.82	3.00	-31.12	49.31	1247.60	-15.78	-3.46	126.76
9826	-3.95	-12.71	3.00	-28.08	49.48	1209.18	-10.18	25.84	123.55
9827	-5.05	-12.57	3.00	-23.54	49.07	1162.11	-5.55	49.21	119.30
9828	-6.12	-12.40	3.00	-18.58	48.06	1108.13	-1.93	66.10	114.59
9829	-7.18	-12.20	3.00	-14.15	46.42	1048.88	0.83	76.51	109.93
9830	-8.23	-11.97	3.00	-11.00	44.08	985.74	2.97	80.90	105.75
9831	-9.25	-11.71	3.00	-9.52	40.98	919.60	4.82	80.06	102.31
9832	-10.25	-11.43	3.00	-9.73	37.20	850.99	6.75	74.95	99.58
9833	-0.59	-14.55	3.00	-18.54	88.21	1531.69	-27.63	-75.99	260.90
9834	-1.77	-14.48	3.00	-20.88	88.81	1511.56	-18.65	-33.43	259.29
9835	-2.93	-14.37	3.00	-20.29	87.62	1478.64	-10.41	5.68	253.49
9836	-4.08	-14.22	3.00	-17.45	84.83	1433.96	-3.36	39.67	244.09
9837	-5.20	-14.02	3.00	-13.27	80.73	1378.85	2.27	67.31	231.88
9838	-6.30	-13.79	3.00	-8.75	75.58	1314.80	6.42	87.96	217.74
9839	-7.38	-13.51	3.00	-4.75	69.64	1243.25	9.26	101.47	202.52
9840	-8.44	-13.18	3.00	-1.96	63.13	1165.42	11.12	108.17	187.01
9841	-9.47	-12.82	3.00	-0.70	56.20	1082.23	12.43	108.78	171.85
9842	-10.47	-12.43	3.00	-0.99	48.92	994.26	13.71	104.23	157.74
9843	-0.61	-16.14	3.00	-4.97	110.95	1778.17	-25.97	-79.29	381.69
9844	-1.81	-16.07	3.00	-7.15	111.36	1755.16	-16.16	-33.26	378.89
9845	-3.00	-15.93	3.00	-6.89	109.28	1717.64	-7.08	9.48	369.89
9846	-4.17	-15.74	3.00	-4.74	105.06	1666.42	0.81	47.22	355.43
9847	-5.33	-15.49	3.00	-1.41	99.14	1602.59	7.19	78.71	336.48
9848	-6.45	-15.19	3.00	2.30	91.96	1527.42	12.01	103.14	314.16
9849	-7.56	-14.83	3.00	5.67	83.95	1442.25	15.38	120.22	289.63
9850	-8.63	-14.41	3.00	8.14	75.44	1348.35	17.63	130.08	264.00
9851	-9.67	-13.95	3.00	9.39	66.67	1246.82	19.15	133.27	238.31
9852	-10.67	-13.43	3.00	9.33	57.69	1138.65	20.39	130.62	213.45
9853	-0.61	-17.73	3.00	8.57	123.05	2007.14	-23.66	-84.38	481.74
9854	-1.84	-17.65	3.00	6.75	123.41	1982.05	-13.27	-36.77	478.65
9855	-3.05	-17.50	3.00	6.82	121.01	1940.74	-3.46	8.08	468.08
9856	-4.25	-17.27	3.00	8.45	116.22	1883.86	5.25	48.61	450.72
9857	-5.42	-16.97	3.00	11.11	109.51	1812.29	12.51	83.57	427.53
9858	-6.58	-16.60	3.00	14.20	101.34	1727.16	18.14	112.00	399.71
9859	-7.70	-16.16	3.00	17.11	92.21	1629.73	22.19	133.37	368.52
9860	-8.79	-15.66	3.00	19.32	82.50	1521.33	24.83	147.47	335.22
9861	-9.85	-15.08	3.00	20.48	72.53	1403.31	26.37	154.48	301.00
9862	-10.86	-14.45	3.00	20.46	62.33	1276.82	27.15	154.91	267.04
9863	-15.44	-9.49	3.00	-7.54	0.46	417.79	27.55	41.77	97.94
9864	-14.86	-10.46	3.00	0.21	11.81	572.79	27.66	73.20	120.66
9865	-14.22	-11.40	3.00	7.08	22.51	725.38	27.98	100.56	146.59
9866	-14.51	-9.43	3.00	-19.24	3.96	441.12	20.75	20.33	82.09
9867	-14.11	-10.27	3.00	-10.16	14.27	571.93	21.77	51.81	104.22
9868	-13.66	-11.08	3.00	-2.07	23.86	701.62	22.87	79.99	128.77
9869	-13.58	-9.36	3.00	-26.38	5.74	460.53	13.32	7.33	63.76
9870	-13.36	-10.07	3.00	-17.66	15.00	568.22	15.42	36.31	85.78
9871	-13.11	-10.78	3.00	-10.26	23.26	675.77	17.16	62.61	109.68
9872	-11.80	-13.76	3.00	18.57	52.60	1145.50	27.64	149.24	234.61
9873	-11.56	-12.90	3.00	7.86	49.52	1031.86	21.43	123.47	190.80
9874	-11.31	-12.05	3.00	-2.35	42.41	913.60	15.09	97.12	145.90
9875	-12.67	-13.03	3.00	15.75	42.48	1010.97	27.95	137.78	203.93
9876	-12.33	-12.36	3.00	5.76	41.16	927.74	22.22	113.09	170.39
9877	-11.99	-11.69	3.00	-3.75	36.38	841.24	16.12	89.41	135.91
9878	-13.49	-12.25	3.00	11.84	32.49	871.46	27.99	122.18	175.17
9879	-13.07	-11.78	3.00	2.90	32.75	820.41	23.03	100.05	151.52
9880	-12.65	-11.32	3.00	-5.37	29.76	766.98	17.43	79.96	126.19
9881	0.59	1.65	1.75	105.51	-79.51	-1558.04	-11.27	-4.83	-395.40
9882	0.59	0.55	1.75	95.68	-82.34	-1321.23	-10.43	-15.40	-456.99
9883	0.59	-0.55	1.75	83.98	-88.02	-1080.79	-10.27	-25.75	-498.22
9884	0.59	-1.65	1.75	71.11	-94.39	-840.37	-10.75	-35.72	-519.25
9885	1.76	1.65	1.75	110.51	-80.37	-1556.94	-3.26	81.10	-385.17
9886	1.77	0.55	1.75	101.60	-82.72	-1322.21	-0.29	59.41	-446.66
9887	1.77	-0.55	1.75	90.74	-87.98	-1083.75	1.22	37.39	-488.18
9888	1.76	-1.65	1.75	78.58	-93.99	-845.17	1.31	15.56	-509.85
9889	2.93	1.65	1.75	108.22	-82.77	-1540.85	2.33	165.03	-365.79
9890	2.94	0.55	1.75	101.20	-84.10	-1310.50	7.42	132.90	-426.65
9891	2.94	-0.55	1.75	92.20	-88.40	-1076.53	10.36	99.87	-468.26
9892	2.93	-1.65	1.75	81.77	-93.57	-842.31	11.21	66.80	-490.68
9893	4.11	1.65	1.75	98.88	-86.63	-1510.41	4.35	244.37	-338.29
9894	4.12	0.55	1.75	94.54	-86.50	-1286.34	11.48	202.84	-397.97
9895	4.12	-0.55	1.75	88.25	-89.41	-1058.94	15.93	159.87	-439.41
9896	4.11	-1.65	1.75	80.44	-93.31	-831.26	17.73	116.60	-462.61
9897	5.28	1.65	1.75	83.22	-91.76	-1467.21	1.82	316.48	-304.09
9898	5.30	0.55	1.75	82.10	-89.90	-1250.73	10.80	266.90	-362.02
9899	5.30	-0.55	1.75	79.15	-91.15	-1031.43	16.79	215.39	-402.98
9900	5.28	-1.65	1.75	74.62	-93.49	-811.93	19.78	163.29	-426.89

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]
9901	6.46	1.65	1.75	62.44	-97.89	-1413.89	-6.03	379.01	-264.89
9902	6.48	0.55	1.75	64.82	-94.24	-1205.60	4.48	322.88	-320.56
9903	6.48	-0.55	1.75	65.60	-93.75	-995.22	11.95	264.44	-360.67
9904	6.46	-1.65	1.75	64.76	-94.45	-784.86	16.38	205.12	-385.13
9905	7.63	1.65	1.75	38.28	-104.58	-1354.06	-19.80	430.09	-222.59
9906	7.66	0.55	1.75	44.20	-99.36	-1153.80	-8.26	368.94	-275.53
9907	7.66	-0.55	1.75	48.85	-97.33	-952.36	0.59	305.25	-314.43
9908	7.63	-1.65	1.75	51.86	-96.54	-751.33	6.68	240.43	-339.15
9909	8.80	1.65	1.75	12.87	-111.24	-1292.16	-39.99	468.61	-179.14
9910	8.83	0.55	1.75	22.18	-105.01	-1098.98	-28.09	403.88	-229.02
9911	8.83	-0.55	1.75	30.65	-101.97	-905.66	-18.10	336.56	-266.36
9912	8.80	-1.65	1.75	37.42	-100.15	-713.30	-10.11	267.93	-291.01
9913	9.98	1.65	1.75	-11.33	-117.16	-1233.23	-67.12	494.47	-136.52
9914	10.01	0.55	1.75	1.11	-110.81	-1045.41	-55.70	427.39	-183.19
9915	10.01	-0.55	1.75	13.19	-107.63	-858.56	-44.87	357.87	-218.67
9916	9.98	-1.65	1.75	23.49	-105.57	-673.35	-34.78	286.96	-242.85
9917	11.15	1.65	1.75	-31.54	-121.53	-1182.60	-101.79	508.68	-96.79
9918	11.19	0.55	1.75	-16.36	-116.30	-997.68	-91.84	440.20	-140.29
9919	11.19	-0.55	1.75	-0.96	-114.11	-814.83	-80.61	369.66	-173.73
9920	11.15	-1.65	1.75	12.45	-112.91	-634.43	-68.28	297.71	-197.05
9921	12.33	1.65	1.75	-44.43	-123.60	-1145.63	-144.69	513.58	-62.33
9922	12.37	0.55	1.75	-27.16	-120.79	-960.42	-137.39	444.33	-102.96
9923	12.37	-0.55	1.75	-8.92	-120.91	-778.34	-126.39	373.58	-134.31
9924	12.33	-1.65	1.75	7.03	-121.87	-599.56	-111.72	301.45	-156.41
9925	13.50	1.65	1.75	-45.73	-122.34	-1127.18	-196.01	513.38	-36.62
9926	13.55	0.55	1.75	-27.85	-122.97	-937.77	-193.37	443.58	-74.86
9927	13.55	-0.55	1.75	-7.24	-127.17	-752.48	-183.65	372.79	-104.18
9928	13.50	-1.65	1.75	10.36	-131.72	-571.35	-166.29	300.71	-124.90
9929	14.67	1.65	1.75	-30.85	-114.77	-1129.60	-254.53	515.86	-26.17
9930	14.72	0.55	1.75	-15.16	-120.15	-931.76	-261.37	444.92	-62.13
9931	14.72	-0.55	1.75	8.73	-131.27	-738.94	-254.99	372.65	-89.60
9932	14.67	-1.65	1.75	27.38	-142.08	-551.04	-232.95	299.33	-109.38
9933	15.85	1.65	1.75	-0.36	-93.65	-1144.65	-312.41	537.10	-44.61
9934	15.90	0.55	1.75	8.25	-101.79	-934.93	-346.28	461.68	-77.90
9935	15.90	-0.55	1.75	47.48	-135.10	-733.91	-347.81	381.48	-103.69
9936	15.85	-1.65	1.75	69.62	-153.88	-535.78	-308.39	301.31	-124.75
9937	17.02	1.65	1.75	15.89	-40.26	-1110.59	-378.71	597.80	-118.05
9938	17.08	0.55	1.75	32.60	-101.50	-906.83	-439.94	497.45	-150.40
9939	17.08	-0.55	1.75	111.92	-95.89	-698.35	-451.21	398.66	-192.49
9940	17.02	-1.65	1.75	163.29	-162.41	-509.42	-404.91	301.04	-202.03
9941	18.20	1.65	1.75	-16.16	-188.82	-1082.52	-478.20	619.73	-261.13
9942	18.26	0.55	1.75	145.31	-126.50	-862.49	-388.85	473.22	-430.82
9943	18.26	-0.55	1.75	124.41	-73.83	-680.43	-377.52	351.34	-508.08
9944	18.20	-1.65	1.75	317.53	49.36	-459.31	-502.73	291.14	-564.77
9945	0.60	1.65	0.25	102.63	-80.32	-1365.34	-7.29	5.03	-393.22
9946	0.60	0.55	0.25	96.84	-74.34	-1166.77	-6.04	-4.37	-446.47
9947	0.60	-0.55	0.25	88.94	-71.72	-965.22	-5.47	-13.68	-483.07
9948	0.60	-1.65	0.25	79.61	-70.63	-763.25	-5.57	-22.77	-502.98
9949	1.80	1.65	0.25	107.97	-81.54	-1365.27	-3.88	80.39	-385.28
9950	1.80	0.55	0.25	102.80	-75.15	-1167.97	-0.55	61.77	-438.35
9951	1.80	-0.55	0.25	95.45	-72.14	-967.67	1.47	42.73	-475.07
9952	1.80	-1.65	0.25	86.57	-70.71	-766.87	2.18	23.70	-495.39
9953	2.99	1.65	0.25	106.80	-84.50	-1353.45	-2.30	153.86	-369.91
9954	3.00	0.55	0.25	102.98	-77.25	-1159.03	3.09	126.48	-422.32
9955	3.00	-0.55	0.25	96.96	-73.41	-961.73	6.60	98.16	-458.95
9956	2.99	-1.65	0.25	89.34	-71.21	-763.92	8.23	69.61	-479.71
9957	4.19	1.65	0.25	99.54	-89.06	-1330.64	-3.40	223.29	-347.90
9958	4.20	0.55	0.25	97.66	-80.59	-1140.35	3.95	187.86	-399.18
9959	4.20	-0.55	0.25	93.62	-75.57	-947.51	8.98	151.02	-435.46
9960	4.19	-1.65	0.25	87.92	-72.26	-754.23	11.67	113.69	-456.64
9961	5.39	1.65	0.25	87.01	-95.01	-1298.33	-7.90	286.67	-320.35
9962	5.41	0.55	0.25	87.46	-85.11	-1113.02	1.24	244.08	-370.04
9963	5.41	-0.55	0.25	85.86	-78.68	-925.63	7.76	199.69	-405.72
9964	5.39	-1.65	0.25	82.59	-74.04	-737.99	11.63	154.56	-427.22
9965	6.59	1.65	0.25	70.40	-102.01	-1258.78	-16.33	342.29	-288.55
9966	6.61	0.55	0.25	73.36	-90.64	-1078.76	-5.73	293.54	-336.29
9967	6.61	-0.55	0.25	74.47	-82.79	-897.30	2.20	242.68	-371.08
9968	6.59	-1.65	0.25	73.90	-76.78	-715.89	7.41	190.86	-392.76
9969	7.78	1.65	0.25	51.19	-109.58	-1214.91	-29.11	388.99	-253.98
9970	7.81	0.55	0.25	56.67	-96.96	-1039.93	-17.49	335.02	-299.48
9971	7.81	-0.55	0.25	60.57	-87.92	-864.28	-8.31	278.79	-333.13
9972	7.78	-1.65	0.25	62.81	-80.74	-689.10	-1.62	221.43	-354.77
9973	8.98	1.65	0.25	31.10	-117.07	-1170.12	-46.53	426.34	-218.15
9974	9.01	0.55	0.25	38.97	-103.72	-999.39	-34.49	367.95	-261.29
9975	9.01	-0.55	0.25	45.62	-94.04	-828.81	-24.30	307.33	-293.61
9976	8.98	-1.65	0.25	50.59	-86.18	-659.25	-16.00	245.47	-314.96
9977	10.18	1.65	0.25	11.87	-123.68	-1128.08	-68.85	454.90	-182.63
9978	10.21	0.55	0.25	21.95	-110.49	-960.23	-57.15	392.63	-223.52
9979	10.21	-0.55	0.25	31.24	-101.05	-793.41	-46.26	328.34	-254.41
9980	10.18	-1.65	0.25	38.79	-93.33	-628.25	-36.21	262.79	-275.19
9981	11.38	1.65	0.25	-4.80	-128.55	-1092.30	-96.30	476.43	-149.10
9982	11.41	0.55	0.25	7.31	-116.72	-925.52	-85.79	410.39	-188.13
9983	11.41	-0.55	0.25	19.10	-108.71	-760.58	-74.57	342.80	-217.63
9984	11.38	-1.65	0.25	29.01	-102.28	-598.04	-62.68	273.97	-237.57
9985	12.57	1.65	0.25	-17.43	-130.92	-1065.62	-128.82	494.24	-119.47
9986	12.61	0.55	0.25	-3.59	-121.77	-897.72	-120.37	423.99	-157.38
9987	12.61	-0.55	0.25	10.56	-116.60	-732.37	-109.36	352.83	-185.76
9988	12.57	-1.65	0.25	22.63	-112.90	-570.23	-95.56	280.52	-204.64
9989	13.77	1.65	0.25	-25.27	-130.16	-1049.16	-164.86	513.70	-96.29
9990	13.82	0.55	0.25	-10.71	-124.40	-877.81	-159.90	437.87	-134.22
9991	13.82	-0.55	0.25	6.03	-124.04	-709.68	-150.21	361.91	-161.99
9992	13.77	-1.65	0.25	20.50	-125.00	-545.62	-134.18	284.88	-179.75
9993	14.97	1.65	0.25	-31.10	-124.43	-1040.32	-197.89	542.18	-83.16
9994	15.02	0.55	0.25	-18.93	-121.56	-863.59	-201.23	457.83	-122.72
9995	15.02	-0.55	0.25	3.73	-129.69	-691.23	-196.35	374.44	-150.96
9996	14.97	-1.65	0.25	23.69	-139.83	-523.85	-175.92	289.99	-167.63
9997	16.17	1.65	0.25	-49.75	-109.25	-1029.67	-205.31	583.27	-81.74
9998	16.22	0.55	0.25	-49.25	-101.47	-847.38	-237.61	483.68	-128.78
9999	16.22	-0.55	0.25	-1.69	-135.33	-673.77	-249.29	392.50	-161.04

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]
10000	16.17	-1.65	0.25	39.49	-161.97	-504.63	-211.81	297.81	-174.32
10001	17.36	1.65	0.25	-125.99	-72.55	-1032.38	-165.44	612.52	-83.76
10002	17.42	0.55	0.25	-134.94	-115.53	-867.69	-240.05	485.29	-143.87
10003	17.42	-0.55	0.25	-25.87	-103.44	-677.05	-279.28	394.99	-208.14
10004	17.36	-1.65	0.25	91.29	-188.24	-503.41	-247.13	312.82	-214.93
10005	18.56	1.65	0.25	-243.64	-306.83	-1192.37	-131.47	519.99	66.79
10006	18.62	0.55	0.25	-122.31	-218.66	-1026.74	-62.78	344.95	-80.17
10007	18.62	-0.55	0.25	-105.48	-135.09	-838.55	-63.69	272.78	-153.59
10008	18.56	-1.65	0.25	198.01	43.00	-505.51	-240.79	309.63	-299.62
10009	0.61	1.65	-1.25	110.54	-64.73	-1200.81	-0.75	14.05	-405.05
10010	0.61	0.55	-1.25	106.82	-54.31	-1033.41	0.76	5.65	-449.94
10011	0.61	-0.55	-1.25	100.91	-47.39	-863.77	1.56	-2.76	-481.20
10012	0.61	-1.65	-1.25	93.44	-42.46	-693.62	1.68	-11.05	-498.70
10013	1.83	1.65	-1.25	116.04	-66.21	-1201.87	-0.07	79.79	-398.85
10014	1.84	0.55	-1.25	112.72	-55.42	-1035.17	3.40	63.67	-443.50
10015	1.84	-0.55	-1.25	107.14	-48.13	-866.24	5.66	47.06	-474.77
10016	1.83	-1.65	-1.25	99.93	-42.88	-696.77	6.70	30.34	-492.53
10017	3.05	1.65	-1.25	115.74	-69.53	-1193.92	-0.70	143.96	-386.51
10018	3.06	0.55	-1.25	113.37	-57.98	-1029.01	4.72	120.38	-430.50
10019	3.06	-0.55	-1.25	108.73	-49.95	-862.01	8.45	95.87	-461.57
10020	3.05	-1.65	-1.25	102.42	-44.01	-694.51	10.48	71.00	-479.56
10021	4.27	1.65	-1.25	110.14	-74.52	-1177.67	-3.25	204.79	-368.63
10022	4.29	0.55	-1.25	109.17	-61.93	-1015.38	4.03	174.21	-411.56
10023	4.29	-0.55	-1.25	105.96	-52.86	-851.28	9.23	142.29	-442.19
10024	4.27	-1.65	-1.25	101.07	-45.92	-686.81	12.32	109.78	-460.35
10025	5.49	1.65	-1.25	100.02	-80.97	-1154.36	-8.21	260.73	-346.02
10026	5.51	0.55	-1.25	100.75	-67.13	-995.22	0.78	223.73	-387.52
10027	5.51	-0.55	-1.25	99.33	-56.85	-834.69	7.39	185.03	-417.49
10028	5.49	-1.65	-1.25	96.23	-48.74	-674.00	11.61	145.52	-435.74
10029	6.72	1.65	-1.25	86.43	-88.53	-1125.80	-15.93	310.54	-319.67
10030	6.74	0.55	-1.25	89.00	-73.42	-969.97	-5.51	267.70	-359.45
10031	6.74	-0.55	-1.25	89.59	-61.90	-813.29	2.43	222.92	-388.54
10032	6.72	-1.65	-1.25	88.52	-52.60	-656.76	7.84	177.15	-406.76
10033	7.94	1.65	-1.25	70.53	-96.74	-1094.16	-26.64	353.47	-290.66
10034	7.96	0.55	-1.25	74.99	-80.51	-941.45	-15.15	305.33	-328.54
10035	7.96	-0.55	-1.25	77.67	-67.97	-788.50	-6.06	255.12	-356.58
10036	7.94	-1.65	-1.25	78.74	-57.65	-636.10	0.61	203.80	-374.61
10037	9.16	1.65	-1.25	53.48	-104.99	-1061.82	-40.46	389.43	-260.10
10038	9.19	0.55	-1.25	59.81	-88.06	-911.68	-28.42	336.34	-296.07
10039	9.19	-0.55	-1.25	64.67	-74.98	-761.95	-18.40	281.21	-322.96
10040	9.16	-1.65	-1.25	67.92	-64.07	-613.26	-10.40	224.91	-340.62
10041	10.38	1.65	-1.25	36.14	-112.53	-1031.06	-57.51	419.06	-229.15
10042	10.41	0.55	-1.25	44.44	-95.65	-882.67	-45.50	361.13	-263.40
10043	10.41	-0.55	-1.25	51.60	-82.79	-735.32	-34.80	301.35	-289.15
10044	10.38	-1.65	-1.25	57.13	-72.03	-589.58	-25.40	240.42	-306.27
10045	11.60	1.65	-1.25	18.81	-118.70	-1003.62	-77.84	443.83	-198.93
10046	11.64	0.55	-1.25	29.41	-102.87	-856.03	-66.43	380.81	-231.95
10047	11.64	-0.55	-1.25	39.19	-91.24	-710.02	-55.32	316.32	-256.71
10048	11.60	-1.65	-1.25	47.27	-81.63	-566.25	-44.47	250.75	-273.11
10049	12.82	1.65	-1.25	0.82	-123.17	-980.27	-101.22	465.97	-170.61
10050	12.86	0.55	-1.25	14.30	-109.35	-832.54	-90.78	397.18	-203.13
10051	12.86	-0.55	-1.25	27.38	-100.09	-686.82	-79.62	327.45	-227.23
10052	12.82	-1.65	-1.25	38.70	-92.88	-544.03	-67.30	256.74	-242.83
10053	14.04	1.65	-1.25	-20.16	-126.41	-960.33	-125.90	488.06	-145.10
10054	14.09	0.55	-1.25	-3.47	-114.56	-811.79	-116.93	412.15	-178.10
10055	14.09	-0.55	-1.25	14.41	-108.93	-665.67	-106.69	336.08	-202.20
10056	14.04	-1.65	-1.25	30.94	-105.88	-523.25	-92.85	259.25	-217.02
10057	15.26	1.65	-1.25	-49.80	-129.49	-942.22	-145.28	511.35	-121.08
10058	15.31	0.55	-1.25	-31.68	-116.70	-792.86	-140.72	425.32	-156.50
10059	15.31	-0.55	-1.25	-4.49	-116.94	-646.43	-135.19	342.10	-182.56
10060	15.26	-1.65	-1.25	23.26	-121.71	-504.54	-118.91	258.66	-196.45
10061	16.48	1.65	-1.25	-98.53	-134.39	-932.75	-141.63	532.09	-87.10
10062	16.54	0.55	-1.25	-87.94	-111.08	-784.78	-154.00	427.87	-132.37
10063	16.54	-0.55	-1.25	-38.31	-123.73	-636.22	-165.49	341.59	-167.78
10064	16.48	-1.65	-1.25	18.57	-143.86	-492.94	-142.34	256.77	-178.93
10065	17.70	1.65	-1.25	-181.00	-137.48	-958.48	-100.30	543.92	-11.89
10066	17.76	0.55	-1.25	-188.03	-124.99	-826.34	-148.41	408.91	-76.12
10067	17.76	-0.55	-1.25	-97.54	-118.61	-664.18	-186.11	328.65	-139.35
10068	17.70	-1.65	-1.25	24.34	-162.67	-495.46	-171.52	265.94	-157.06
10069	18.92	1.65	-1.25	-296.72	-287.81	-1224.72	-112.79	635.72	163.90
10070	18.98	0.55	-1.25	-261.83	-239.11	-1164.26	-131.07	483.63	42.79
10071	18.98	-0.55	-1.25	-191.27	-179.22	-925.38	-152.23	386.40	-19.94
10072	18.92	-1.65	-1.25	39.75	-108.23	-584.00	-224.94	334.08	-98.53
10073	-0.59	-1.65	1.75	59.75	-94.63	-828.71	-23.73	-85.96	-518.47
10074	-0.59	-0.55	1.75	72.22	-88.46	-1068.24	-22.78	-88.00	-497.90
10075	-0.59	0.55	1.75	83.64	-82.95	-1307.99	-21.68	-89.50	-457.12
10076	-0.59	1.65	1.75	93.33	-80.26	-1544.31	-20.43	-90.27	-395.95
10077	-1.76	-1.65	1.75	44.89	-94.69	-811.06	-36.37	-134.28	-507.55
10078	-1.77	-0.55	1.75	55.85	-89.30	-1046.99	-35.01	-148.02	-487.24
10079	-1.77	0.55	1.75	65.87	-84.58	-1283.35	-32.72	-161.09	-447.04
10080	-1.76	1.65	1.75	74.33	-82.65	-1516.59	-29.49	-172.95	-386.77
10081	-2.93	-1.65	1.75	26.85	-94.62	-788.36	-47.49	-179.99	-486.98
10082	-2.94	-0.55	1.75	35.27	-90.57	-1018.16	-45.74	-204.67	-466.75
10083	-2.94	0.55	1.75	42.85	-87.25	-1248.57	-42.31	-228.56	-427.26
10084	-2.93	1.65	1.75	49.07	-86.70	-1476.31	-37.22	-250.80	-368.36
10085	-4.11	-1.65	1.75	5.94	-94.54	-761.53	-56.07	-222.45	-457.68
10086	-4.12	-0.55	1.75	10.93	-92.37	-983.01	-53.87	-256.91	-437.39
10087	-4.12	0.55	1.75	15.19	-91.02	-1205.29	-49.37	-290.46	-398.76
10088	-4.11	1.65	1.75	18.31	-92.41	-1425.45	-42.58	-321.98	-341.68
10089	-5.28	-1.65	1.75	-17.53	-94.64	-731.64	-61.27	-261.02	-420.92
10090	-5.30	-0.55	1.75	-16.63	-94.83	-943.10	-58.56	-303.78	-400.50
10091	-5.30	0.55	1.75	-16.35	-95.95	-1155.58	-53.07	-345.52	-362.91
10092	-5.28	1.65	1.75	-16.95	-99.78	-1366.62	-44.78	-384.89	-308.07
10093	-6.46	-1.65	1.75	-43.13	-95.15	-699.97	-62.53	-295.07	-378.27
10094	-6.48	-0.55	1.75	-46.72	-98.11	-900.35	-59.26	-344.44	-357.74
10095	-6.48	0.55	1.75	-50.81	-102.10	-1102.01	-52.87	-392.67	-321.37
10096	-6.46	1.65	1.75	-55.47	-108.74	-1303.02	-43.37	-438.30	-269.15
10097	-7.63	-1.65	1.75	-70.25	-96.32	-668.19	-59.62	-324.02	-331.49
10098	-7.66	-0.55	1.75	-78.44	-102.34	-857.13	-55.76	-378.23	-310.92

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]
10099	-7.66	0.55	1.75	-86.96	-109.49	-1047.66	-48.61	-431.21	-275.98
10100	-7.63	1.65	1.75	-95.75	-119.18	-1238.42	-38.22	-481.48	-226.68
10101	-8.80	-1.65	1.75	-98.07	-98.39	-638.40	-52.64	-347.49	-282.36
10102	-8.83	-0.55	1.75	-110.64	-107.65	-816.29	-48.20	-404.84	-261.90
10103	-8.83	0.55	1.75	-123.39	-118.12	-996.13	-40.49	-460.92	-228.56
10104	-8.80	1.65	1.75	-136.08	-130.95	-1177.12	-29.60	-514.28	-182.39
10105	-9.98	-1.65	1.75	-125.48	-101.59	-613.20	-42.03	-365.37	-232.62
10106	-10.01	-0.55	1.75	-141.98	-114.14	-781.16	-37.10	-424.36	-212.43
10107	-10.01	0.55	1.75	-158.46	-127.90	-951.47	-29.11	-482.09	-180.84
10108	-9.98	1.65	1.75	-174.58	-143.82	-1123.85	-18.15	-537.23	-137.87
10109	-11.15	-1.65	1.75	-151.11	-106.12	-695.76	-28.55	-377.87	-183.81
10110	-11.19	-0.55	1.75	-170.84	-121.83	-755.58	-23.32	-437.34	-164.08
10111	-11.19	0.55	1.75	-190.34	-138.74	-918.17	-15.38	-495.62	-134.31
10112	-11.15	1.65	1.75	-209.23	-157.51	-1083.68	-4.83	-551.53	-94.50
10113	-12.33	-1.65	1.75	-173.14	-112.11	-689.94	-13.28	-385.56	-137.20
10114	-12.37	-0.55	1.75	-195.20	-130.72	-744.01	-8.05	-444.73	-118.08
10115	-12.37	0.55	1.75	-216.86	-150.42	-901.26	-0.57	-502.82	-90.13
10116	-12.33	1.65	1.75	-237.68	-171.67	-1062.17	9.01	-558.86	-53.32
10117	-13.50	-1.65	1.75	-188.96	-119.58	-600.51	2.38	-389.07	-93.78
10118	-13.55	-0.55	1.75	-212.29	-140.66	-751.79	7.19	-447.56	-75.42
10119	-13.55	0.55	1.75	-235.05	-162.66	-906.60	13.66	-505.11	-49.24
10120	-13.50	1.65	1.75	-256.83	-185.77	-1065.62	21.66	-560.94	-15.17
10121	-14.67	-1.65	1.75	-194.44	-128.37	-633.40	16.70	-388.35	-54.32
10122	-14.72	-0.55	1.75	-217.66	-151.28	-785.40	20.43	-446.05	-36.89
10123	-14.72	0.55	1.75	-240.20	-174.82	-941.15	25.17	-502.94	-12.43
10124	-14.67	1.65	1.75	-261.71	-198.97	-1101.41	30.79	-558.36	19.12
10125	-15.85	-1.65	1.75	-182.52	-137.93	-696.38	27.36	-380.48	-19.69
10126	-15.90	-0.55	1.75	-203.70	-161.73	-853.30	29.08	-437.11	-3.52
10127	-15.90	0.55	1.75	-224.22	-185.74	-1013.88	31.04	-492.97	18.98
10128	-15.85	1.65	1.75	-243.81	-209.75	-1178.83	33.17	-547.46	47.87
10129	-17.02	-1.65	1.75	-140.75	-144.94	-786.35	31.25	-348.79	8.46
10130	-17.08	-0.55	1.75	-156.75	-168.04	-951.32	29.61	-401.99	22.14
10131	-17.08	0.55	1.75	-172.49	-190.71	-1119.36	27.42	-454.47	41.32
10132	-17.02	1.65	1.75	-187.87	-212.57	-1290.89	24.61	-505.65	66.01
10133	-18.20	-1.65	1.75	-93.14	-149.85	-884.54	25.24	-281.79	26.17
10134	-18.26	-0.55	1.75	-104.65	-170.46	-1056.81	20.40	-327.84	35.52
10135	-18.26	0.55	1.75	-116.79	-190.19	-1231.22	14.62	-373.66	49.38
10136	-18.20	1.65	1.75	-129.61	-208.68	-1407.73	7.97	-418.95	67.77
10137	-0.60	-1.65	0.25	68.61	-70.88	-753.56	-14.01	-68.67	-502.12
10138	-0.60	-0.55	0.25	77.51	-72.11	-954.71	-13.19	-69.62	-482.56
10139	-0.60	0.55	0.25	85.08	-74.85	-1155.60	-12.37	-70.14	-446.28
10140	-0.60	1.65	0.25	90.67	-80.92	-1353.66	-11.57	-70.08	-393.32
10141	-1.80	-1.65	0.25	53.79	-71.44	-738.46	-22.17	-113.04	-492.85
10142	-1.80	-0.55	0.25	61.36	-73.32	-936.82	-20.67	-123.76	-473.53
10143	-1.80	0.55	0.25	67.72	-76.70	-1135.11	-18.53	-133.86	-437.76
10144	-1.80	1.65	0.25	72.26	-83.37	-1330.86	-15.78	-142.92	-385.54
10145	-2.99	-1.65	0.25	35.42	-72.37	-718.81	-29.11	-155.07	-475.54
10146	-3.00	-0.55	0.25	40.83	-75.38	-912.53	-26.96	-174.93	-456.41
10147	-3.00	0.55	0.25	45.14	-79.92	-1106.40	-23.57	-194.01	-421.30
10148	-2.99	1.65	0.25	47.83	-87.71	-1298.15	-18.98	-211.65	-370.26
10149	-4.19	-1.65	0.25	13.79	-73.76	-695.56	-34.02	-194.03	-450.95
10150	-4.20	-0.55	0.25	16.30	-78.37	-883.07	-31.20	-222.12	-431.93
10151	-4.20	0.55	0.25	17.84	-84.55	-1070.99	-26.65	-249.28	-397.67
10152	-4.19	1.65	0.25	17.99	-93.92	-1257.31	-20.38	-274.64	-348.20
10153	-5.39	-1.65	0.25	-10.77	-75.76	-669.87	-36.24	-229.31	-420.08
10154	-5.41	-0.55	0.25	-11.72	-82.38	-849.98	-32.76	-264.46	-401.16
10155	-5.41	0.55	0.25	-13.50	-90.63	-1030.79	-27.12	-298.56	-367.91
10156	-5.39	1.65	0.25	-16.42	-101.98	-1210.64	-19.38	-330.59	-320.36
10157	-6.59	-1.65	0.25	-37.87	-78.55	-643.11	-35.37	-260.37	-384.17
10158	-6.61	-0.55	0.25	-42.65	-87.54	-815.12	-31.19	-301.27	-365.38
10159	-6.61	0.55	0.25	-48.11	-98.19	-988.15	-24.59	-341.05	-333.28
10160	-6.59	1.65	0.25	-54.44	-111.85	-1160.93	-15.61	-378.56	-287.94
10161	-7.78	-1.65	0.25	-67.01	-82.34	-616.94	-31.21	-286.83	-344.57
10162	-7.81	-0.55	0.25	-75.78	-93.96	-780.67	-26.35	-332.16	-325.97
10163	-7.81	0.55	0.25	-85.08	-107.27	-945.79	-18.91	-376.30	-295.17
10164	-7.78	1.65	0.25	-94.96	-123.47	-1111.41	-8.97	-418.11	-252.22
10165	-8.98	-1.65	0.25	-97.62	-87.36	-593.38	-23.84	-308.59	-302.65
10166	-9.01	-0.55	0.25	-110.36	-101.78	-749.21	-18.34	-357.07	-284.31
10167	-9.01	0.55	0.25	-123.45	-117.91	-906.81	-10.23	-404.36	-254.90
10168	-8.98	1.65	0.25	-136.84	-136.78	-1065.70	0.39	-449.36	-214.46
10169	-10.18	-1.65	0.25	-129.06	-93.86	-574.83	-13.60	-325.85	-259.67
10170	-10.21	-0.55	0.25	-145.56	-111.16	-723.68	-7.52	-376.40	-241.67
10171	-10.21	0.55	0.25	-162.24	-130.16	-874.69	1.06	-425.83	-213.68
10172	-10.18	1.65	0.25	-178.97	-151.73	-1027.75	12.05	-473.11	-175.72
10173	-11.38	-1.65	0.25	-160.60	-102.08	-564.20	-1.07	-339.32	-216.70
10174	-11.41	-0.55	0.25	-180.56	-122.26	-707.47	5.46	-391.15	-199.10
10175	-11.41	0.55	0.25	-200.54	-144.10	-853.30	14.30	-441.97	-172.48
10176	-11.38	1.65	0.25	-220.35	-168.28	-1001.88	25.35	-490.91	-136.81
10177	-12.57	-1.65	0.25	-191.43	-112.35	-565.08	12.96	-350.31	-174.52
10178	-12.61	-0.55	0.25	-214.50	-135.30	-704.66	19.76	-403.00	-157.30
10179	-12.61	0.55	0.25	-237.42	-159.84	-847.18	28.60	-454.88	-131.88
10180	-12.57	1.65	0.25	-259.98	-186.49	-993.05	39.38	-505.20	-98.16
10181	-13.77	-1.65	0.25	-220.42	-125.03	-582.25	27.44	-360.93	-133.52
10182	-13.82	-0.55	0.25	-246.20	-150.60	-720.55	34.25	-414.56	-116.56
10183	-13.82	0.55	0.25	-271.69	-177.63	-862.13	42.78	-467.59	-92.00
10184	-13.77	1.65	0.25	-296.65	-206.48	-1007.54	52.93	-519.42	-59.71
10185	-14.97	-1.65	0.25	-245.41	-140.68	-623.11	40.98	-374.40	-93.59
10186	-15.02	-0.55	0.25	-273.43	-168.60	-763.29	47.38	-429.58	-76.63
10187	-15.02	0.55	0.25	-301.00	-197.81	-907.01	55.15	-484.39	-52.43
10188	-14.97	1.65	0.25	-327.92	-228.51	-1054.91	64.18	-538.32	-20.83
10189	-16.17	-1.65	0.25	-260.45	-159.85	-699.95	51.48	-394.29	-54.11
10190	-16.22	-0.55	0.25	-289.77	-189.73	-846.42	56.73	-452.20	-36.73
10191	-16.22	0.55	0.25	-318.50	-220.58	-996.62	62.90	-509.85	-12.24
10192	-16.17	1.65	0.25	-346.41	-252.48	-1151.23	69.89	-566.80	19.53
10193	-17.36	-1.65	0.25	-247.92	-184.79	-851.09	55.03	-422.11	-14.45
10194	-17.42	-0.55	0.25	-275.88	-216.11	-1013.06	57.36	-484.14	3.74
10195	-17.42	0.55	0.25	-303.19	-247.74	-1178.59	59.97	-545.72	29.03
10196	-17.36	1.65	0.25	-329.61	-279.53	-1348.19	62.58	-606.23	61.48
10197	-18.56	-1.65	0.25	-113.28	-194.19	-1040.36	39.97	-354.26	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]
10198	-18.62	-0.55	0.25	-126.10	-221.62	-1221.50	34.20	-408.00	34.20
10199	-18.62	0.55	0.25	-139.09	-248.22	-1404.97	27.03	-461.04	53.77
10200	-18.56	1.65	0.25	-152.41	-273.67	-1590.73	18.46	-512.92	79.07
10201	-0.61	-1.65	-1.25	82.95	-42.72	-685.33	-3.82	-52.13	-497.80
10202	-0.61	-0.55	-1.25	89.98	-47.72	-854.75	-3.08	-52.29	-480.55
10203	-0.61	0.55	-1.25	95.53	-54.71	-1023.77	-2.48	-52.10	-449.51
10204	-0.61	1.65	-1.25	99.01	-65.17	-1190.69	-2.05	-51.48	-404.81
10205	-1.83	-1.65	-1.25	68.58	-43.64	-672.45	-9.05	-91.93	-489.85
10206	-1.84	-0.55	-1.25	74.44	-49.16	-839.72	-7.49	-100.28	-472.83
10207	-1.84	0.55	-1.25	78.94	-56.65	-1006.79	-5.55	-108.10	-442.20
10208	-1.83	1.65	-1.25	81.52	-67.57	-1171.99	-3.25	-115.05	-398.10
10209	-3.05	-1.65	-1.25	50.51	-45.28	-655.72	-13.29	-129.60	-475.17
10210	-3.06	-0.55	-1.25	54.52	-51.73	-819.54	-10.94	-145.64	-458.36
10211	-3.06	0.55	-1.25	57.30	-60.16	-983.39	-7.72	-160.97	-428.33
10212	-3.05	1.65	-1.25	58.33	-71.96	-1145.73	-3.68	-175.05	-385.20
10213	-4.27	-1.65	-1.25	28.98	-47.71	-636.07	-15.91	-164.42	-454.34
10214	-4.29	-0.55	-1.25	30.55	-55.49	-795.34	-12.79	-187.41	-437.74
10215	-4.29	0.55	-1.25	31.01	-65.26	-954.90	-8.38	-209.52	-408.48
10216	-4.27	1.65	-1.25	29.94	-78.33	-1113.43	-2.74	-230.08	-366.68
10217	-5.49	-1.65	-1.25	4.30	-51.05	-614.62	-16.42	-195.78	-428.17
10218	-5.51	-0.55	-1.25	2.93	-60.52	-768.54	-12.53	-224.78	-411.80
10219	-5.51	0.55	-1.25	0.60	-71.98	-923.05	-7.02	-252.79	-383.47
10220	-5.49	1.65	-1.25	-3.02	-86.68	-1077.07	0.04	-279.01	-343.29
10221	-6.72	-1.65	-1.25	-23.19	-55.44	-592.73	-14.49	-223.18	-397.64
10222	-6.74	-0.55	-1.25	-27.84	-66.91	-740.84	-9.85	-257.17	-381.53
10223	-6.74	0.55	-1.25	-33.31	-80.38	-889.87	-3.35	-290.09	-354.27
10224	-6.72	1.65	-1.25	-39.81	-96.97	-1039.02	4.95	-321.06	-315.95
10225	-7.94	-1.65	-1.25	-53.14	-61.07	-571.97	-9.98	-246.33	-363.80
10226	-7.96	-0.55	-1.25	-61.28	-74.79	-714.21	-4.61	-284.26	-348.01
10227	-7.96	0.55	-1.25	-70.08	-90.49	-857.73	2.78	-321.07	-321.92
10228	-7.94	1.65	-1.25	-79.67	-109.21	-1002.00	12.09	-355.87	-285.62
10229	-9.16	-1.65	-1.25	-85.20	-68.15	-554.18	-2.93	-265.17	-327.71
10230	-9.19	-0.55	-1.25	-96.92	-84.29	-690.88	3.13	-306.03	-312.29
10231	-9.19	0.55	-1.25	-109.15	-102.41	-829.23	11.27	-345.78	-287.45
10232	-9.16	1.65	-1.25	-121.93	-123.42	-968.95	21.40	-383.56	-253.23
10233	-10.38	-1.65	-1.25	-119.12	-76.92	-541.48	6.43	-279.96	-290.31
10234	-10.41	-0.55	-1.25	-134.44	-95.61	-673.36	13.14	-322.88	-275.32
10235	-10.41	0.55	-1.25	-150.11	-116.27	-807.23	21.91	-364.78	-251.72
10236	-10.38	1.65	-1.25	-166.14	-139.68	-943.09	32.67	-404.83	-219.55
10237	-11.60	-1.65	-1.25	-154.85	-87.70	-536.33	17.74	-291.39	-252.38
10238	-11.64	-0.55	-1.25	-173.77	-109.04	-664.45	25.03	-335.74	-237.82
10239	-11.64	0.55	-1.25	-192.91	-132.32	-794.89	34.33	-379.19	-215.40
10240	-11.60	1.65	-1.25	-212.23	-158.21	-927.84	45.55	-421.01	-185.11
10241	-12.82	-1.65	-1.25	-192.75	-100.95	-541.69	30.48	-300.77	-214.38
10242	-12.86	-0.55	-1.25	-215.34	-125.02	-667.43	38.30	-346.21	-200.19
10243	-12.86	0.55	-1.25	-238.05	-150.98	-795.79	48.05	-390.92	-178.76
10244	-12.82	1.65	-1.25	-260.82	-179.43	-927.08	59.66	-434.29	-150.03
10245	-14.04	-1.65	-1.25	-233.85	-117.39	-561.47	44.10	-310.40	-176.33
10246	-14.09	-0.55	-1.25	-260.40	-144.30	-686.58	52.42	-356.98	-162.34
10247	-14.09	0.55	-1.25	-286.98	-173.06	-814.54	62.61	-403.06	-141.55
10248	-14.04	1.65	-1.25	-313.54	-204.20	-945.75	74.59	-448.14	-113.87
10249	-15.26	-1.65	-1.25	-280.39	-138.24	-601.45	57.95	-324.36	-137.56
10250	-15.31	-0.55	-1.25	-311.54	-168.22	-728.18	66.79	-372.70	-123.38
10251	-15.31	0.55	-1.25	-342.68	-200.02	-857.94	77.50	-420.82	-102.64
10252	-15.26	1.65	-1.25	-373.75	-234.09	-991.20	90.00	-468.30	-75.19
10253	-16.48	-1.65	-1.25	-336.89	-166.32	-674.70	71.30	-351.50	-96.09
10254	-16.54	-0.55	-1.25	-374.00	-199.89	-806.69	80.81	-403.31	-80.92
10255	-16.54	0.55	-1.25	-411.06	-235.23	-941.83	92.25	-455.19	-59.10
10256	-16.48	1.65	-1.25	-448.01	-272.83	-1080.63	105.56	-506.81	-30.44
10257	-17.70	-1.65	-1.25	-411.37	-206.14	-800.83	83.08	-412.53	-46.70
10258	-17.76	-0.55	-1.25	-457.01	-244.22	-943.68	93.51	-471.85	-28.68
10259	-17.76	0.55	-1.25	-502.54	-284.08	-1090.00	106.05	-531.58	-3.44
10260	-17.70	1.65	-1.25	-547.70	-326.20	-1240.49	120.57	-591.30	29.28
10261	-18.92	-1.65	-1.25	-500.88	-302.96	-1295.08	93.89	-623.49	33.41
10262	-18.98	-0.55	-1.25	-557.44	-352.49	-1497.06	102.66	-708.80	61.51
10263	-18.98	0.55	-1.25	-613.80	-403.55	-1702.47	113.16	-793.98	99.28
10264	-18.92	1.65	-1.25	-669.75	-456.44	-1911.65	125.38	-878.30	146.89
10265	18.11	2.50	1.75	31.49	-5.65	-1187.53	-248.49	784.50	-191.28
10266	18.02	3.10	1.75	383.88	106.04	-1246.27	-219.37	888.89	-337.82
10267	16.94	2.50	1.75	77.17	-25.63	-1283.89	-293.52	660.57	-105.86
10268	16.86	3.10	1.75	161.40	-74.60	-1415.38	-283.66	693.72	-79.01
10269	15.77	2.50	1.75	17.17	-99.29	-1309.84	-292.59	593.97	-11.06
10270	15.70	3.10	1.75	33.17	-100.26	-1427.20	-284.47	635.92	19.38
10271	14.60	2.50	1.75	-35.33	-115.68	-1285.91	-246.24	570.92	8.86
10272	14.53	3.10	1.75	-34.88	-117.95	-1398.18	-240.62	611.09	38.01
10273	13.44	2.50	1.75	-56.24	-124.73	-1276.19	-195.17	567.24	-0.75
10274	13.37	3.10	1.75	-61.11	-128.04	-1383.30	-193.21	605.58	28.17
10275	12.27	2.50	1.75	-55.89	-128.65	-1290.84	-148.45	566.31	-24.65
10276	12.21	3.10	1.75	-61.96	-134.47	-1394.89	-150.20	602.96	5.32
10277	11.10	2.50	1.75	-42.20	-128.67	-1326.84	-108.95	560.20	-56.48
10278	11.05	3.10	1.75	-48.39	-136.19	-1429.64	-113.88	595.34	-24.46
10279	9.93	2.50	1.75	-20.54	-125.23	-1378.87	-76.54	544.48	-93.08
10280	9.88	3.10	1.75	-26.38	-133.42	-1481.95	-83.65	578.12	-58.48
10281	8.76	2.50	1.75	5.51	-119.22	-1441.05	-50.57	516.57	-132.35
10282	8.72	3.10	1.75	0.40	-127.30	-1545.66	-58.86	548.50	-94.94
10283	7.59	2.50	1.75	33.09	-111.73	-1507.54	-30.55	475.22	-172.50
10284	7.56	3.10	1.75	29.06	-119.22	-1614.60	-39.15	505.09	-132.25
10285	6.43	2.50	1.75	59.64	-103.79	-1572.77	-16.15	420.39	-211.74
10286	6.39	3.10	1.75	56.96	-110.45	-1682.86	-24.39	447.67	-168.81
10287	5.26	2.50	1.75	82.87	-96.27	-1631.71	-7.09	353.06	-248.26
10288	5.23	3.10	1.75	81.66	-101.98	-1745.09	-14.44	377.16	-202.95
10289	4.09	2.50	1.75	100.85	-89.78	-1680.21	-2.92	275.09	-280.30
10290	4.07	3.10	1.75	101.10	-94.60	-1796.76	-9.00	295.37	-233.00
10291	2.92	2.50	1.75	112.16	-84.78	-1715.12	-3.02	188.94	-306.21
10292	2.91	3.10	1.75	113.69	-88.85	-1834.40	-7.55	204.82	-257.43
10293	1.75	2.50	1.75	115.89	-81.57	-1734.40	-6.52	97.41	-324.63
10294	1.74	3.10	1.75	118.38	-85.09	-1855.67	-9.34	108.39	-274.88
10295	0.58	2.50	1.75	111.65	-80.33	-1737.06	-12.37	3.38	-334.53
10296	0.58	3.10	1.75	114.68	-83.58	-1859.35	-13.41	9.12	-284.40

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]
10297	18.48	2.50	0.25	-97.21	-81.49	-1192.92	66.81	809.66	70.56
10298	18.39	3.10	0.25	267.72	49.45	-1166.70	-0.71	991.88	-113.74
10299	17.28	2.50	0.25	-27.50	-99.84	-1167.52	-110.49	728.23	-44.03
10300	17.20	3.10	0.25	53.02	-170.87	-1284.94	-161.98	808.46	-35.64
10301	16.09	2.50	0.25	-27.31	-131.99	-1174.56	-205.35	664.83	-44.25
10302	16.02	3.10	0.25	-20.83	-141.42	-1276.16	-219.13	720.38	-13.85
10303	14.90	2.50	0.25	-35.05	-133.73	-1178.66	-198.27	608.86	-45.24
10304	14.83	3.10	0.25	-39.00	-140.67	-1276.62	-200.88	656.98	-14.41
10305	13.71	2.50	0.25	-34.70	-138.58	-1183.20	-167.66	572.84	-60.23
10306	13.64	3.10	0.25	-40.54	-146.59	-1278.60	-169.05	615.20	-31.06
10307	12.52	2.50	0.25	-27.13	-141.73	-1196.78	-134.30	548.25	-83.88
10308	12.46	3.10	0.25	-32.80	-152.19	-1290.29	-137.77	586.18	-55.47
10309	11.32	2.50	0.25	-13.71	-141.42	-1222.25	-104.35	526.50	-112.70
10310	11.27	3.10	0.25	-19.29	-153.42	-1314.67	-110.28	560.97	-83.72
10311	10.13	2.50	0.25	3.97	-137.49	-1258.32	-78.71	501.59	-144.49
10312	10.08	3.10	0.25	-1.49	-149.93	-1350.52	-86.35	533.22	-114.08
10313	8.94	2.50	0.25	24.42	-130.82	-1301.96	-57.24	469.75	-177.73
10314	8.90	3.10	0.25	19.34	-143.04	-1394.77	-65.70	498.81	-145.42
10315	7.75	2.50	0.25	45.98	-122.62	-1349.36	-39.81	428.89	-211.09
10316	7.71	3.10	0.25	41.59	-134.25	-1443.44	-48.34	455.39	-176.69
10317	6.56	2.50	0.25	66.86	-114.01	-1396.49	-26.32	378.23	-243.25
10318	6.53	3.10	0.25	63.40	-124.87	-1492.31	-34.35	401.97	-206.77
10319	5.36	2.50	0.25	85.22	-105.84	-1439.57	-16.67	318.04	-272.86
10320	5.34	3.10	0.25	82.82	-115.90	-1537.34	-23.79	338.72	-234.47
10321	4.17	2.50	0.25	99.43	-98.78	-1475.25	-10.60	249.43	-298.59
10322	4.15	3.10	0.25	98.08	-108.09	-1574.97	-16.49	266.68	-258.57
10323	2.98	2.50	0.25	108.12	-93.28	-1500.93	-7.69	174.15	-319.21
10324	2.97	3.10	0.25	107.70	-101.97	-1602.32	-12.14	187.61	-277.95
10325	1.79	2.50	0.25	110.33	-89.65	-1514.76	-7.31	94.32	-333.70
10326	1.78	3.10	0.25	110.62	-97.90	-1617.37	-10.19	103.67	-291.62
10327	0.60	2.50	0.25	105.50	-88.10	-1515.77	-8.70	12.28	-341.30
10328	0.59	3.10	0.25	106.18	-96.13	-1618.97	-9.96	17.31	-298.86
10329	18.84	2.50	-1.25	-166.72	-206.70	-1122.87	-39.89	846.58	172.79
10330	18.76	3.10	-1.25	-21.03	-183.33	-1183.05	-155.25	1005.41	70.21
10331	17.63	2.50	-1.25	-123.67	-197.39	-1063.15	-107.66	679.94	19.06
10332	17.55	3.10	-1.25	-108.41	-251.03	-1148.48	-184.71	766.96	10.24
10333	16.41	2.50	-1.25	-95.66	-166.27	-1047.24	-160.88	618.46	-58.82
10334	16.34	3.10	-1.25	-108.65	-180.08	-1131.72	-188.07	672.11	-41.85
10335	15.20	2.50	-1.25	-61.91	-145.69	-1058.84	-155.85	578.63	-89.91
10336	15.13	3.10	-1.25	-75.14	-156.53	-1141.35	-166.36	624.72	-65.17
10337	13.98	2.50	-1.25	-32.90	-139.88	-1076.04	-133.79	546.75	-114.04
10338	13.92	3.10	-1.25	-42.59	-151.39	-1157.96	-139.46	588.03	-89.10
10339	12.76	2.50	-1.25	-9.56	-137.95	-1095.39	-109.36	518.68	-140.07
10340	12.71	3.10	-1.25	-16.58	-151.40	-1177.15	-115.28	555.48	-115.74
10341	11.55	2.50	-1.25	10.43	-134.93	-1118.51	-87.26	491.58	-168.11
10342	11.50	3.10	-1.25	4.63	-149.37	-1200.10	-94.54	524.38	-143.64
10343	10.33	2.50	-1.25	29.15	-129.31	-1146.26	-67.97	462.48	-197.20
10344	10.29	3.10	-1.25	23.89	-143.85	-1227.86	-76.26	491.86	-171.78
10345	9.12	2.50	-1.25	47.65	-121.53	-1177.96	-51.31	428.88	-226.45
10346	9.08	3.10	-1.25	42.83	-135.62	-1259.88	-59.96	455.26	-199.57
10347	7.90	2.50	-1.25	65.87	-112.55	-1211.81	-37.19	389.04	-255.02
10348	7.87	3.10	-1.25	61.61	-125.97	-1294.40	-45.63	412.63	-226.46
10349	6.69	2.50	-1.25	83.01	-103.36	-1245.37	-25.65	342.08	-282.03
10350	6.66	3.10	-1.25	79.47	-116.03	-1328.91	-33.44	362.88	-251.74
10351	5.47	2.50	-1.25	97.89	-94.75	-1276.06	-16.70	287.94	-306.52
10352	5.45	3.10	-1.25	95.15	-106.70	-1360.71	-23.53	305.85	-274.64
10353	4.25	2.50	-1.25	109.24	-87.34	-1301.43	-10.23	227.30	-327.55
10354	4.24	3.10	-1.25	107.28	-98.63	-1387.20	-15.87	242.11	-294.29
10355	3.04	2.50	-1.25	115.88	-81.54	-1319.44	-5.98	161.38	-344.21
10356	3.03	3.10	-1.25	114.62	-92.30	-1406.19	-10.28	172.90	-309.88
10357	1.82	2.50	-1.25	116.93	-77.65	-1328.60	-3.54	91.81	-355.76
10358	1.82	3.10	-1.25	116.17	-88.04	-1416.04	-6.41	99.85	-320.71
10359	0.61	2.50	-1.25	111.77	-75.87	-1328.06	-2.37	20.47	-361.62
10360	0.61	3.10	-1.25	111.29	-86.06	-1415.81	-3.76	24.91	-326.23
10361	-0.58	2.50	1.75	99.44	-81.15	-1723.08	-19.40	-90.34	-335.37
10362	-0.58	3.10	1.75	102.52	-84.44	-1845.28	-18.65	-89.96	-285.42
10363	-1.75	2.50	1.75	79.61	-84.10	-1693.26	-26.39	-181.14	-327.09
10364	-1.74	3.10	1.75	82.22	-87.73	-1814.23	-23.91	-186.02	-277.89
10365	-2.92	2.50	1.75	52.79	-89.17	-1649.14	-32.20	-266.59	-310.17
10366	-2.91	3.10	1.75	54.44	-93.44	-1767.82	-28.12	-276.44	-262.25
10367	-4.09	2.50	1.75	19.84	-96.32	-1592.99	-35.85	-344.58	-285.51
10368	-4.07	3.10	1.75	20.14	-101.50	-1708.48	-30.34	-358.88	-239.36
10369	-5.26	2.50	1.75	-18.07	-105.47	-1527.79	-36.59	-413.28	-254.41
10370	-5.23	3.10	1.75	-19.40	-111.77	-1639.45	-29.91	-431.42	-210.45
10371	-6.43	2.50	1.75	-59.49	-116.48	-1457.20	-34.04	-471.36	-218.40
10372	-6.39	3.10	1.75	-62.61	-124.04	-1564.67	-26.47	-492.62	-176.97
10373	-7.59	2.50	1.75	-102.69	-129.12	-1385.50	-28.13	-518.05	-179.13
10374	-7.56	3.10	1.75	-107.64	-138.03	-1488.76	-19.99	-541.73	-140.46
10375	-8.76	2.50	1.75	-145.78	-143.12	-1317.50	-19.17	-553.28	-138.20
10376	-8.72	3.10	1.75	-152.45	-153.36	-1416.82	-10.82	-578.74	-102.42
10377	-9.93	2.50	1.75	-186.70	-158.13	-1258.38	-7.81	-577.76	-97.08
10378	-9.88	3.10	1.75	-194.89	-169.63	-1354.33	0.38	-604.45	-64.17
10379	-11.10	2.50	1.75	-223.30	-173.76	-1213.65	4.94	-592.89	-56.98
10380	-11.05	3.10	1.75	-232.71	-186.34	-1307.04	12.60	-620.39	-26.80
10381	-12.27	2.50	1.75	-253.12	-189.50	-1189.20	17.72	-600.59	-18.84
10382	-12.21	3.10	1.75	-263.38	-202.89	-1281.08	24.46	-628.61	8.83
10383	-13.44	2.50	1.75	-272.92	-204.69	-1191.66	28.76	-602.78	16.59
10384	-13.37	3.10	1.75	-283.59	-218.52	-1283.24	34.16	-631.13	42.03
10385	-14.60	2.50	1.75	-277.58	-218.27	-1228.66	35.60	-600.10	48.41
10386	-14.53	3.10	1.75	-288.10	-232.02	-1321.31	39.19	-628.58	71.84
10387	-15.77	2.50	1.75	-258.32	-228.41	-1309.60	34.83	-588.56	74.62
10388	-15.70	3.10	1.75	-268.00	-241.34	-1404.68	35.97	-616.66	96.00
10389	-16.94	2.50	1.75	-199.52	-229.07	-1426.14	22.00	-544.23	88.88
10390	-16.86	3.10	1.75	-207.62	-240.07	-1523.85	20.03	-570.58	107.22
10391	-18.11	2.50	1.75	-139.99	-221.53	-1545.77	2.31	-453.37	84.77
10392	-18.02	3.10	1.75	-147.98	-230.31	-1644.87	-1.98	-477.00	98.86
10393	-0.60	2.50	0.25	93.46	-88.74	-1503.80	-10.99	-69.62	-341.60
10394	-0.59	3.10	0.25	94.15	-96.79	-1606.87	-10.61	-68.97	-299.28
10395	-1.79	2.50	0.25	74.37	-91.63	-1479.45	-13.27	-149.11	-334.55

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]
10396	-1.78	3.10	0.25	74.66	-99.95	-1581.63	-11.32	-152.75	-292.81
10397	-2.98	2.50	0.25	48.66	-96.78	-1444.02	-14.68	-224.09	-320.49
10398	-2.97	3.10	0.25	48.20	-105.60	-1544.61	-11.27	-231.81	-279.77
10399	-4.17	2.50	0.25	17.05	-104.14	-1399.46	-14.47	-292.75	-300.09
10400	-4.15	3.10	0.25	15.51	-113.67	-1497.88	-9.77	-304.19	-260.80
10401	-5.36	2.50	0.25	-19.53	-113.63	-1348.36	-12.08	-353.63	-274.30
10402	-5.34	3.10	0.25	-22.39	-124.06	-1444.19	-6.28	-368.33	-236.76
10403	-6.56	2.50	0.25	-59.95	-125.17	-1293.83	-7.19	-405.71	-244.23
10404	-6.53	3.10	0.25	-64.32	-136.62	-1386.85	-0.51	-423.18	-208.69
10405	-7.75	2.50	0.25	-102.99	-138.61	-1239.46	0.29	-448.53	-211.06
10406	-7.71	3.10	0.25	-108.94	-151.17	-1329.68	7.60	-468.29	-177.66
10407	-8.94	2.50	0.25	-147.38	-153.82	-1189.23	10.18	-482.31	-175.91
10408	-8.90	3.10	0.25	-154.91	-167.53	-1276.86	17.86	-503.91	-144.70
10409	-10.13	2.50	0.25	-191.92	-170.66	-1147.40	22.06	-507.97	-139.71
10410	-10.08	3.10	0.25	-200.98	-185.52	-1232.88	29.86	-531.06	-110.62
10411	-11.32	2.50	0.25	-235.51	-189.06	-1118.64	35.28	-527.28	-103.13
10412	-11.27	3.10	0.25	-246.01	-205.01	-1202.59	42.95	-551.64	-75.95
10413	-12.52	2.50	0.25	-277.16	-208.97	-1108.21	48.94	-542.91	-66.44
10414	-12.46	3.10	0.25	-288.98	-225.92	-1191.45	56.26	-568.46	-40.86
10415	-13.71	2.50	0.25	-315.60	-230.46	-1122.73	61.79	-558.60	-29.40
10416	-13.64	3.10	0.25	-328.59	-248.23	-1206.34	68.52	-585.44	-4.97
10417	-14.90	2.50	0.25	-348.29	-253.65	-1172.32	71.92	-579.38	8.78
10418	-14.83	3.10	0.25	-362.22	-272.01	-1257.73	77.75	-607.78	32.63
10419	-16.09	2.50	0.25	-367.47	-278.22	-1274.03	75.74	-610.32	49.21
10420	-16.02	3.10	0.25	-381.83	-296.70	-1363.43	80.06	-640.56	73.08
10421	-17.28	2.50	0.25	-349.39	-304.81	-1482.44	64.47	-652.21	91.65
10422	-17.20	3.10	0.25	-362.82	-322.49	-1579.84	65.92	-683.93	115.79
10423	-18.48	2.50	0.25	-162.71	-291.58	-1736.03	10.53	-551.83	102.08
10424	-18.39	3.10	0.25	-170.23	-303.85	-1840.30	4.37	-577.98	120.73
10425	-0.61	2.50	-1.25	100.13	-76.32	-1317.64	-1.83	-50.69	-361.49
10426	-0.61	3.10	-1.25	99.63	-86.51	-1405.23	-1.76	-49.89	-326.17
10427	-1.82	2.50	-1.25	82.05	-79.06	-1297.80	-1.28	-119.76	-355.34
10428	-1.82	3.10	-1.25	81.23	-89.45	-1384.76	0.20	-122.51	-320.47
10429	-3.04	2.50	-1.25	57.82	-84.08	-1269.63	-0.06	-184.96	-343.43
10430	-3.03	3.10	-1.25	56.39	-94.86	-1355.51	2.73	-191.08	-309.38
10431	-4.25	2.50	-1.25	27.97	-91.37	-1234.77	2.38	-244.73	-326.27
10432	-4.24	3.10	-1.25	25.67	-102.72	-1319.20	6.35	-253.96	-293.35
10433	-5.47	2.50	-1.25	-6.78	-100.87	-1195.40	6.46	-297.83	-304.56
10434	-5.45	3.10	-1.25	-10.18	-112.94	-1278.12	11.46	-309.84	-273.05
10435	-6.69	2.50	-1.25	-45.60	-112.53	-1154.10	12.47	-343.44	-279.14
10436	-6.66	3.10	-1.25	-50.27	-125.45	-1234.98	18.32	-357.85	-249.23
10437	-7.90	2.50	-1.25	-87.67	-126.30	-1113.83	20.50	-381.18	-250.89
10438	-7.87	3.10	-1.25	-93.73	-140.16	-1192.89	27.02	-397.62	-222.70
10439	-9.12	2.50	-1.25	-132.23	-142.16	-1077.79	30.49	-411.22	-220.61
10440	-9.08	3.10	-1.25	-139.76	-157.04	-1155.19	37.51	-429.36	-194.18
10441	-10.33	2.50	-1.25	-178.80	-160.15	-1049.41	42.24	-434.35	-188.99
10442	-10.29	3.10	-1.25	-187.88	-176.13	-1125.44	49.61	-453.92	-164.24
10443	-11.55	2.50	-1.25	-227.33	-180.49	-1032.32	55.47	-452.08	-156.41
10444	-11.50	3.10	-1.25	-238.04	-197.62	-1107.41	63.08	-472.91	-133.18
10445	-12.76	2.50	-1.25	-278.51	-203.62	-1030.62	69.84	-466.80	-122.86
10446	-12.71	3.10	-1.25	-290.99	-221.97	-1105.33	77.63	-488.84	-100.87
10447	-13.98	2.50	-1.25	-334.13	-230.41	-1049.49	85.05	-482.24	-87.72
10448	-13.92	3.10	-1.25	-348.61	-250.10	-1124.54	93.04	-505.62	-66.55
10449	-15.20	2.50	-1.25	-397.82	-262.60	-1096.70	100.88	-504.54	-49.27
10450	-15.13	3.10	-1.25	-414.72	-283.82	-1173.14	109.17	-529.67	-28.28
10451	-16.41	2.50	-1.25	-476.60	-304.15	-1190.55	117.12	-546.52	-3.43
10452	-16.34	3.10	-1.25	-496.65	-327.26	-1270.21	125.93	-574.34	18.41
10453	-17.63	2.50	-1.25	-582.47	-361.48	-1359.94	133.18	-637.54	60.07
10454	-17.55	3.10	-1.25	-606.71	-387.22	-1446.68	142.89	-670.22	84.83
10455	-18.84	2.50	-1.25	-712.69	-499.60	-2076.44	135.72	-942.73	190.38
10456	-18.76	3.10	-1.25	-742.37	-530.53	-2195.61	143.63	-987.23	225.58
10457	0.58	3.95	1.75	116.74	-93.01	-2025.45	-15.23	17.11	-204.11
10458	1.73	3.95	1.75	119.68	-94.89	-2020.69	-14.03	122.92	-195.26
10459	2.88	3.95	1.75	113.72	-99.33	-1997.28	-14.96	225.50	-179.43
10460	4.03	3.95	1.75	99.52	-106.03	-1956.74	-18.83	321.63	-157.53
10461	5.18	3.95	1.75	78.32	-114.53	-1901.78	-26.24	408.31	-130.77
10462	6.34	3.96	1.75	51.91	-124.17	-1836.28	-37.54	483.05	-100.57
10463	7.49	3.96	1.75	22.61	-134.04	-1765.19	-52.82	544.07	-68.40
10464	8.64	3.96	1.75	-6.95	-142.94	-1694.26	-71.98	590.64	-35.67
10465	9.79	3.96	1.75	-33.88	-149.34	-1629.80	-94.85	623.15	-3.72
10466	10.94	3.96	1.75	-55.16	-151.37	-1578.31	-121.40	643.31	26.18
10467	12.10	3.96	1.75	-67.17	-147.12	-1546.28	-152.14	654.30	52.72
10468	13.25	3.96	1.75	-64.03	-135.69	-1539.52	-188.42	661.31	74.07
10469	14.40	3.96	1.75	-33.26	-119.10	-1560.79	-231.30	672.72	86.13
10470	15.55	3.96	1.75	47.80	-98.45	-1597.26	-274.98	702.99	73.74
10471	16.70	3.96	1.75	208.87	-67.15	-1570.52	-311.81	763.05	-8.59
10472	17.86	3.96	1.75	421.60	182.57	-1407.54	-365.15	865.28	-476.53
10473	0.57	5.05	1.75	116.04	-113.37	-2229.62	-18.09	27.03	-86.56
10474	1.70	5.05	1.75	118.02	-115.64	-2223.84	-21.06	140.00	-78.82
10475	2.84	5.06	1.75	110.59	-120.81	-2198.55	-25.90	249.34	-65.53
10476	3.97	5.06	1.75	94.61	-128.50	-2155.57	-33.23	351.66	-47.48
10477	5.11	5.06	1.75	71.54	-138.14	-2098.02	-43.45	443.91	-25.73
10478	6.24	5.06	1.75	43.43	-148.99	-2030.20	-56.68	523.64	-1.40
10479	7.38	5.06	1.75	12.88	-160.02	-1957.47	-72.78	589.21	24.32
10480	8.51	5.07	1.75	-17.10	-169.90	-1885.96	-91.35	640.09	50.35
10481	9.64	5.07	1.75	-43.24	-176.86	-1822.33	-111.81	676.95	75.71
10482	10.78	5.07	1.75	-62.06	-178.54	-1773.41	-133.46	701.87	99.56
10483	11.91	5.07	1.75	-69.70	-171.76	-1745.92	-155.97	718.65	121.12
10484	13.05	5.08	1.75	-61.10	-152.94	-1745.54	-180.48	733.63	139.65
10485	14.18	5.08	1.75	-26.90	-120.76	-1773.62	-211.91	757.36	154.09
10486	15.32	5.08	1.75	54.46	-83.61	-1813.98	-256.93	805.28	159.63
10487	16.45	5.08	1.75	206.21	-18.39	-1764.54	-306.34	868.37	98.16
10488	17.59	5.08	1.75	314.74	106.50	-1605.90	-229.72	870.98	-213.84
10489	0.56	6.15	1.75	110.36	-145.09	-2418.42	-21.44	36.34	43.94
10490	1.67	6.15	1.75	111.43	-147.59	-2411.97	-28.89	154.55	50.20
10491	2.78	6.16	1.75	102.80	-153.13	-2385.84	-37.91	268.85	60.44
10492	3.90	6.16	1.75	85.47	-161.29	-2342.12	-48.90	375.82	74.02
10493	5.01	6.16	1.75	61.08	-171.45	-2284.15	-62.08	472.46	90.13
10494	6.12	6.16	1.75	31.88	-182.82	-2216.51	-77.39	556.41	107.90

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]
10495	7.23	6.17	1.75	0.71	-194.35	-2144.76	-94.54	626.22	126.52
10496	8.35	6.17	1.75	-29.11	-204.71	-2075.20	-112.96	681.53	145.23
10497	9.46	6.17	1.75	-53.80	-212.13	-2014.63	-131.79	723.28	163.41
10498	10.57	6.17	1.75	-69.07	-214.18	-1970.01	-149.79	753.84	180.48
10499	11.69	6.18	1.75	-69.95	-207.08	-1948.11	-165.36	777.58	195.91
10500	12.80	6.18	1.75	-50.88	-184.58	-1954.24	-177.06	802.09	209.30
10501	13.91	6.18	1.75	-6.59	-137.27	-1987.55	-187.01	841.14	221.19
10502	15.03	6.18	1.75	67.65	-61.12	-2024.28	-211.48	918.10	235.10
10503	16.14	6.18	1.75	182.54	8.54	-1962.96	-263.80	1022.00	256.57
10504	17.25	6.19	1.75	360.64	70.13	-1782.92	-224.67	966.64	42.84
10505	0.54	7.25	1.75	99.00	-189.02	-2591.85	-25.10	44.91	183.81
10506	1.63	7.25	1.75	99.25	-191.49	-2585.16	-37.08	166.27	188.28
10507	2.72	7.25	1.75	89.73	-196.91	-2559.41	-50.28	283.61	195.13
10508	3.81	7.25	1.75	71.52	-204.85	-2516.77	-64.93	393.59	203.91
10509	4.89	7.25	1.75	46.35	-214.68	-2460.74	-81.04	493.34	214.07
10510	5.98	7.26	1.75	16.57	-225.60	-2395.91	-98.46	580.87	225.05
10511	7.07	7.26	1.75	-14.90	-236.60	-2327.83	-116.85	654.29	236.35
10512	8.15	7.26	1.75	-44.55	-246.44	-2262.78	-135.60	714.01	247.57
10513	9.24	7.26	1.75	-68.26	-253.53	-2207.45	-153.88	760.90	258.35
10514	10.33	7.26	1.75	-81.00	-255.71	-2168.73	-170.40	797.45	268.26
10515	11.42	7.26	1.75	-76.29	-249.73	-2153.30	-183.20	828.19	276.60
10516	12.50	7.26	1.75	-45.48	-229.75	-2166.26	-188.79	861.22	282.15
10517	13.59	7.26	1.75	20.67	-182.70	-2205.32	-181.69	912.42	283.54
10518	14.68	7.26	1.75	119.86	-81.60	-2239.77	-162.60	1012.61	281.92
10519	15.77	7.27	1.75	221.34	71.61	-2153.95	-179.98	1191.04	294.18
10520	16.85	7.27	1.75	301.11	86.54	-1999.20	-258.33	1275.95	497.74
10521	0.59	3.95	0.25	104.83	-111.90	-1760.20	-12.06	24.28	-231.25
10522	1.76	3.95	0.25	108.70	-113.96	-1758.05	-14.87	116.03	-224.58
10523	2.94	3.95	0.25	104.84	-118.58	-1741.81	-19.28	205.13	-212.26
10524	4.12	3.95	0.25	94.01	-125.48	-1712.83	-25.87	289.04	-194.93
10525	5.29	3.95	0.25	77.43	-134.24	-1673.38	-35.08	365.52	-173.47
10526	6.47	3.95	0.25	56.74	-144.25	-1626.61	-47.10	432.87	-148.86
10527	7.64	3.96	0.25	33.93	-154.72	-1576.38	-61.90	490.14	-122.13
10528	8.82	3.96	0.25	11.16	-164.51	-1526.98	-79.25	537.38	-94.24
10529	10.00	3.96	0.25	-9.52	-172.12	-1482.87	-98.74	575.86	-65.98
10530	11.17	3.96	0.25	-26.44	-175.58	-1448.13	-119.99	608.40	-37.96
10531	12.35	3.96	0.25	-38.83	-172.66	-1425.78	-143.10	639.70	-10.66
10532	13.52	3.96	0.25	-46.84	-162.20	-1416.46	-169.54	676.73	15.14
10533	14.70	3.96	0.25	-49.86	-148.10	-1416.61	-202.24	728.12	36.44
10534	15.88	3.96	0.25	-41.16	-140.56	-1417.87	-238.24	797.62	40.26
10535	17.05	3.96	0.25	5.21	-151.66	-1447.09	-268.45	877.30	-9.95
10536	18.23	3.96	0.25	122.00	128.56	-1461.08	-254.01	833.20	-271.94
10537	0.58	5.05	0.25	99.62	-139.71	-1935.73	-15.26	32.90	-132.67
10538	1.74	5.05	0.25	102.72	-142.10	-1933.16	-21.73	130.59	-126.93
10539	2.90	5.06	0.25	97.72	-147.32	-1916.03	-29.65	225.40	-116.63
10540	4.06	5.06	0.25	85.48	-155.04	-1885.90	-39.45	314.72	-102.35
10541	5.22	5.06	0.25	67.40	-164.81	-1845.32	-51.40	396.33	-84.78
10542	6.37	5.06	0.25	45.32	-176.01	-1797.69	-65.57	468.58	-64.70
10543	7.53	5.06	0.25	21.49	-187.79	-1747.13	-81.78	530.69	-42.86
10544	8.69	5.07	0.25	-1.62	-199.04	-1698.20	-99.56	582.96	-19.91
10545	9.85	5.07	0.25	-21.49	-208.17	-1655.52	-118.12	627.10	3.76
10546	11.01	5.07	0.25	-36.04	-212.86	-1623.28	-136.37	666.56	28.04
10547	12.17	5.07	0.25	-44.53	-209.66	-1604.26	-153.33	706.98	53.34
10548	13.33	5.07	0.25	-49.51	-193.96	-1598.02	-169.69	756.48	80.46
10549	14.49	5.08	0.25	-59.27	-162.76	-1598.32	-192.01	823.66	109.26
10550	15.65	5.08	0.25	-84.88	-127.88	-1595.84	-235.19	904.55	132.10
10551	16.81	5.08	0.25	-130.33	-89.35	-1646.93	-281.61	937.05	89.15
10552	17.96	5.08	0.25	-197.41	-46.01	-1887.29	-88.88	665.34	8.68
10553	0.57	6.15	0.25	89.39	-177.60	-2101.18	-18.92	40.98	-23.31
10554	1.71	6.15	0.25	91.71	-180.16	-2098.39	-29.29	143.07	-18.74
10555	2.84	6.16	0.25	85.67	-185.68	-2081.10	-40.92	242.17	-10.81
10556	3.98	6.16	0.25	72.23	-193.83	-2051.00	-54.10	335.68	0.05
10557	5.12	6.16	0.25	52.90	-204.15	-2010.79	-69.01	421.42	13.31
10558	6.26	6.16	0.25	29.65	-216.03	-1964.03	-85.61	497.88	28.44
10559	7.40	6.16	0.25	4.91	-228.70	-1914.94	-103.66	564.43	44.95
10560	8.53	6.17	0.25	-18.53	-241.17	-1868.18	-122.63	621.63	62.50
10561	9.67	6.17	0.25	-37.61	-252.07	-1828.48	-141.58	671.51	80.97
10562	10.81	6.17	0.25	-49.34	-259.33	-1800.07	-158.96	718.09	100.59
10563	11.95	6.17	0.25	-51.64	-259.35	-1785.62	-172.35	768.05	122.22
10564	13.09	6.18	0.25	-46.31	-245.25	-1783.78	-178.73	831.16	147.81
10565	14.22	6.18	0.25	-46.86	-205.03	-1785.02	-177.83	917.97	180.58
10566	15.36	6.18	0.25	-89.35	-128.16	-1771.51	-184.07	1023.77	223.54
10567	16.50	6.18	0.25	-210.06	-83.75	-1813.45	-213.00	1066.16	287.16
10568	17.64	6.19	0.25	-223.52	-145.04	-2126.41	-99.13	682.35	193.15
10569	0.56	7.25	0.25	73.50	-226.34	-2256.94	-22.88	48.41	94.43
10570	1.67	7.25	0.25	75.02	-228.86	-2254.16	-37.18	153.30	97.59
10571	2.78	7.25	0.25	68.07	-234.32	-2237.49	-52.53	255.19	102.96
10572	3.89	7.25	0.25	53.65	-242.38	-2208.66	-69.12	351.57	110.22
10573	5.01	7.25	0.25	33.26	-252.61	-2170.40	-87.01	440.39	119.05
10574	6.12	7.26	0.25	8.91	-264.45	-2126.26	-106.17	520.26	129.14
10575	7.23	7.26	0.25	-16.92	-277.23	-2080.47	-126.37	590.72	140.26
10576	8.34	7.26	0.25	-41.34	-290.14	-2037.64	-147.22	652.48	152.32
10577	9.46	7.26	0.25	-60.96	-302.18	-2002.49	-168.00	707.73	165.38
10578	10.57	7.26	0.25	-71.92	-311.87	-1979.38	-187.35	760.74	179.73
10579	11.68	7.26	0.25	-70.13	-316.76	-1971.22	-202.74	818.89	195.99
10580	12.79	7.26	0.25	-52.69	-311.70	-1977.06	-208.94	892.84	215.68
10581	13.91	7.26	0.25	-24.61	-283.68	-1986.72	-195.82	997.45	242.39
10582	15.02	7.26	0.25	-17.18	-202.95	-1974.14	-150.48	1136.08	283.08
10583	16.13	7.26	0.25	-101.91	-61.06	-1955.53	-95.39	1267.69	365.17
10584	17.25	7.27	0.25	-198.20	-170.44	-2134.02	-82.50	1114.29	764.93
10585	0.60	3.95	-1.25	108.34	-104.37	-1536.86	-6.06	30.99	-269.99
10586	1.80	3.95	-1.25	112.79	-106.60	-1536.89	-11.00	110.44	-264.99
10587	3.00	3.95	-1.25	110.51	-111.33	-1526.46	-17.10	187.87	-255.32
10588	4.20	3.95	-1.25	102.24	-118.34	-1506.65	-24.78	261.28	-241.45
10589	5.40	3.95	-1.25	89.07	-127.26	-1479.27	-34.31	329.02	-224.01
10590	6.60	3.95	-1.25	72.39	-137.59	-1446.66	-45.78	389.92	-203.69
10591	7.80	3.96	-1.25	53.70	-148.66	-1411.60	-59.09	443.50	-181.19
10592	9.00	3.96	-1.25	34.40	-159.51	-1376.91	-73.94	490.16	-157.07
10593	10.20	3.96	-1.25	15.34	-168.88	-1345.12	-89.92	531.28	-131.73

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]
10594	11.40	3.96	-1.25	-3.86	-175.09	-1317.89	-106.72	569.23	-105.27
10595	12.60	3.96	-1.25	-25.79	-176.46	-1295.37	-124.79	606.97	-77.67
10596	13.80	3.96	-1.25	-56.05	-172.73	-1276.01	-146.55	646.93	-49.44
10597	15.00	3.96	-1.25	-101.39	-169.60	-1258.92	-177.45	689.13	-23.45
10598	16.20	3.96	-1.25	-161.37	-183.15	-1257.15	-222.07	733.90	-6.31
10599	17.40	3.96	-1.25	-220.02	-223.41	-1302.40	-289.12	808.71	0.14
10600	18.60	3.96	-1.25	-268.94	-202.61	-1672.75	-366.32	1017.03	23.00
10601	0.59	5.05	-1.25	101.12	-134.68	-1688.97	-9.51	38.48	-188.16
10602	1.77	5.05	-1.25	104.95	-137.18	-1688.93	-17.68	122.89	-183.96
10603	2.96	5.06	-1.25	101.73	-142.43	-1678.22	-26.95	205.17	-176.00
10604	4.14	5.06	-1.25	92.29	-150.17	-1658.05	-37.60	283.30	-164.66
10605	5.32	5.06	-1.25	77.85	-160.05	-1630.37	-49.83	355.64	-150.44
10606	6.51	5.06	-1.25	59.91	-171.59	-1597.71	-63.66	421.10	-133.88
10607	7.69	5.06	-1.25	40.19	-184.14	-1562.95	-78.88	479.37	-115.45
10608	8.87	5.07	-1.25	20.33	-196.84	-1529.03	-95.04	531.13	-95.48
10609	10.06	5.07	-1.25	1.47	-208.47	-1498.47	-111.43	578.21	-74.00
10610	11.24	5.07	-1.25	-16.61	-217.17	-1472.72	-127.13	623.60	-50.58
10611	12.42	5.07	-1.25	-37.14	-220.19	-1451.33	-141.51	671.02	-24.17
10612	13.61	5.07	-1.25	-69.02	-213.96	-1431.60	-156.00	722.84	6.44
10613	14.79	5.08	-1.25	-129.18	-196.77	-1411.83	-178.13	775.25	40.40
10614	15.97	5.08	-1.25	-237.12	-181.08	-1413.39	-224.81	813.77	69.70
10615	17.16	5.08	-1.25	-394.95	-182.75	-1518.43	-290.55	831.42	84.01
10616	18.34	5.08	-1.25	-594.43	-301.49	-2227.02	-257.15	1016.71	217.60
10617	0.58	6.15	-1.25	89.02	-173.80	-1834.87	-13.40	45.43	-97.34
10618	1.74	6.15	-1.25	92.14	-176.44	-1834.87	-25.00	133.55	-94.15
10619	2.91	6.16	-1.25	87.98	-181.97	-1824.35	-37.60	219.50	-88.13
10620	4.07	6.16	-1.25	77.43	-190.15	-1804.61	-51.42	301.29	-79.60
10621	5.23	6.16	-1.25	61.73	-200.63	-1777.66	-66.59	377.31	-68.92
10622	6.39	6.16	-1.25	42.51	-213.01	-1746.10	-83.11	446.59	-56.45
10623	7.56	6.16	-1.25	21.58	-226.77	-1712.88	-100.79	508.98	-42.51
10624	8.72	6.17	-1.25	0.82	-241.26	-1680.93	-119.20	565.37	-27.20
10625	9.88	6.17	-1.25	-18.17	-255.61	-1652.78	-137.56	617.96	-10.37
10626	11.05	6.17	-1.25	-34.89	-268.40	-1629.74	-154.56	670.43	8.73
10627	12.21	6.17	-1.25	-51.54	-277.09	-1610.95	-168.24	727.66	31.80
10628	13.37	6.18	-1.25	-76.67	-276.76	-1592.46	-176.24	793.74	62.13
10629	14.53	6.18	-1.25	-131.42	-258.53	-1569.96	-178.03	865.30	104.55
10630	15.70	6.18	-1.25	-254.10	-215.61	-1561.03	-182.83	920.18	163.87
10631	16.86	6.18	-1.25	-468.21	-204.71	-1659.88	-212.59	928.03	255.26
10632	18.02	6.18	-1.25	-657.17	-381.28	-2482.19	-202.22	1067.16	376.19
10633	0.57	7.25	-1.25	71.44	-222.48	-1975.11	-17.58	51.75	0.67
10634	1.71	7.25	-1.25	73.78	-225.06	-1975.28	-32.66	142.28	2.68
10635	2.84	7.25	-1.25	68.69	-230.59	-1965.43	-48.63	230.66	6.60
10636	3.98	7.25	-1.25	57.04	-238.81	-1946.89	-65.65	314.97	12.22
10637	5.12	7.25	-1.25	40.07	-249.43	-1921.70	-83.85	393.70	19.28
10638	6.26	7.26	-1.25	19.36	-262.11	-1892.41	-103.24	465.96	27.57
10639	7.40	7.26	-1.25	-3.28	-276.50	-1861.93	-123.77	531.71	36.96
10640	8.53	7.26	-1.25	-25.89	-292.19	-1833.19	-145.20	591.96	47.44
10641	9.67	7.26	-1.25	-46.60	-308.78	-1808.73	-167.09	649.07	59.25
10642	10.81	7.26	-1.25	-64.10	-325.69	-1790.00	-188.42	707.10	73.04
10643	11.95	7.26	-1.25	-78.64	-341.86	-1776.33	-207.24	771.90	90.34
10644	13.09	7.26	-1.25	-94.29	-354.83	-1763.66	-219.37	850.40	114.77
10645	14.22	7.26	-1.25	-123.65	-357.92	-1745.30	-216.13	946.09	154.85
10646	15.36	7.26	-1.25	-194.30	-334.59	-1727.88	-182.38	1048.73	228.07
10647	16.50	7.26	-1.25	-347.62	-272.37	-1748.72	-125.39	1136.96	367.72
10648	17.64	7.27	-1.25	-541.18	-463.52	-2239.63	-123.03	1328.26	752.07
10649	-17.86	3.96	1.75	-160.05	-242.51	-1789.85	-8.20	-510.57	122.33
10650	-16.70	3.96	1.75	-219.12	-254.81	-1667.95	16.83	-607.00	136.83
10651	-15.55	3.96	1.75	-281.09	-259.40	-1545.79	37.47	-655.37	130.43
10652	-14.40	3.96	1.75	-302.14	-251.84	-1459.05	44.44	-667.61	109.54
10653	-13.25	3.96	1.75	-297.76	-239.02	-1419.02	42.28	-669.62	82.90
10654	-12.10	3.96	1.75	-277.01	-223.31	-1416.49	34.73	-666.16	53.23
10655	-10.94	3.96	1.75	-245.27	-206.12	-1443.55	24.39	-656.71	21.57
10656	-9.79	3.96	1.75	-205.94	-188.38	-1493.20	13.10	-639.18	-11.44
10657	-8.64	3.96	1.75	-161.65	-170.80	-1559.05	2.24	-611.42	-45.10
10658	-7.49	3.96	1.75	-114.77	-154.01	-1635.05	-7.19	-571.74	-78.51
10659	-6.34	3.96	1.75	-67.56	-138.51	-1715.40	-14.50	-519.23	-110.55
10660	-5.18	3.95	1.75	-22.22	-124.79	-1794.63	-19.33	-453.82	-139.91
10661	-4.03	3.95	1.75	19.26	-113.21	-1867.74	-21.62	-376.29	-165.26
10662	-2.88	3.95	1.75	55.13	-104.08	-1930.44	-21.67	-288.13	-185.30
10663	-1.73	3.95	1.75	83.97	-97.60	-1979.20	-20.05	-191.44	-198.92
10664	-0.58	3.95	1.75	104.74	-93.90	-2011.38	-17.58	-88.76	-205.36
10665	-17.59	5.08	1.75	-176.37	-255.79	-1981.17	-16.26	-552.91	156.73
10666	-16.45	5.08	1.75	-233.65	-272.71	-1860.14	11.97	-651.91	180.54
10667	-15.32	5.08	1.75	-296.81	-282.48	-1735.54	38.90	-702.98	181.39
10668	-14.18	5.08	1.75	-318.76	-278.26	-1644.81	51.16	-715.45	165.48
10669	-13.05	5.08	1.75	-314.52	-267.29	-1601.82	53.16	-716.30	143.49
10670	-11.91	5.07	1.75	-293.19	-252.35	-1597.84	48.79	-711.01	118.87
10671	-10.78	5.07	1.75	-260.30	-235.16	-1624.94	40.74	-699.31	92.88
10672	-9.64	5.07	1.75	-219.38	-216.87	-1675.91	30.91	-679.17	66.11
10673	-8.51	5.07	1.75	-173.17	-198.37	-1744.14	20.64	-648.32	39.06
10674	-7.38	5.06	1.75	-124.16	-180.39	-1823.28	10.95	-604.99	12.37
10675	-6.24	5.06	1.75	-74.75	-163.59	-1907.20	2.53	-548.17	-13.14
10676	-5.11	5.06	1.75	-27.28	-148.54	-1990.09	-4.21	-477.72	-36.47
10677	-3.97	5.06	1.75	16.10	-135.74	-2066.61	-9.16	-394.40	-56.58
10678	-2.84	5.06	1.75	53.47	-125.58	-2132.10	-12.49	-299.78	-72.43
10679	-1.70	5.05	1.75	83.28	-118.36	-2182.74	-14.63	-196.11	-83.13
10680	-0.57	5.05	1.75	104.38	-114.25	-2215.71	-16.23	-86.15	-88.03
10681	-17.25	6.19	1.75	-193.82	-266.64	-2174.48	-24.05	-592.17	196.20
10682	-16.14	6.18	1.75	-247.33	-287.98	-2056.92	6.61	-692.31	229.68
10683	-15.03	6.18	1.75	-310.33	-304.18	-1932.32	39.55	-745.71	238.89
10684	-13.91	6.18	1.75	-332.80	-304.66	-1838.49	57.34	-758.27	228.88
10685	-12.80	6.18	1.75	-328.71	-296.83	-1792.19	63.81	-757.50	212.14
10686	-11.69	6.18	1.75	-307.05	-283.93	-1785.64	62.91	-749.66	193.01
10687	-10.57	6.17	1.75	-273.43	-267.99	-1811.03	57.42	-734.93	173.09
10688	-9.46	6.17	1.75	-231.49	-250.37	-1861.09	49.25	-711.46	152.97
10689	-8.35	6.17	1.75	-184.09	-232.12	-1929.07	39.76	-677.05	133.00
10690	-7.23	6.17	1.75	-133.82	-214.08	-2008.51	29.92	-629.92	113.56
10691	-6.12	6.16	1.75	-83.15	-197.00	-2093.12	20.43	-569.02	95.15
10692	-5.01	6.16	1.75	-34.49	-181.54	-2176.93	11.73	-494.18	78.43

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]
10693	-3.90	6.16	1.75	9.89	-168.30	-2254.39	3.99	-406.15	64.10
10694	-2.78	6.16	1.75	48.00	-157.73	-2320.67	-2.83	-306.50	52.91
10695	-1.67	6.15	1.75	78.18	-150.20	-2371.80	-9.01	-197.55	45.50
10696	-0.56	6.15	1.75	99.21	-145.94	-2404.85	-15.02	-82.17	42.34
10697	-16.85	7.27	1.75	-211.87	-274.86	-2368.99	-31.29	-628.15	240.36
10698	-15.77	7.27	1.75	-259.86	-300.34	-2258.23	0.58	-727.01	283.55
10699	-14.68	7.26	1.75	-321.38	-324.11	-2136.46	39.18	-782.38	302.66
10700	-13.59	7.26	1.75	-344.08	-330.60	-2040.66	62.50	-795.06	299.58
10701	-12.50	7.26	1.75	-340.25	-327.30	-1990.89	73.55	-792.29	288.61
10702	-11.42	7.26	1.75	-318.56	-317.77	-1980.74	76.26	-781.26	275.23
10703	-10.33	7.26	1.75	-284.67	-304.40	-2002.69	73.45	-762.76	261.50
10704	-9.24	7.26	1.75	-242.36	-288.79	-2049.55	67.07	-735.31	248.11
10705	-8.15	7.26	1.75	-194.60	-272.09	-2114.62	58.48	-696.90	235.29
10706	-7.07	7.26	1.75	-144.01	-255.22	-2191.42	48.61	-645.86	223.19
10707	-5.98	7.26	1.75	-93.09	-239.02	-2273.71	38.14	-581.17	212.01
10708	-4.89	7.25	1.75	-44.28	-224.22	-2355.51	27.52	-502.66	202.05
10709	-3.81	7.25	1.75	0.13	-211.45	-2431.32	17.02	-411.05	193.71
10710	-2.72	7.25	1.75	38.12	-201.22	-2496.27	6.69	-307.91	187.38
10711	-1.63	7.25	1.75	68.00	-193.93	-2546.40	-3.58	-195.53	183.44
10712	-0.54	7.25	1.75	88.54	-189.81	-2578.78	-14.06	-76.80	182.17
10713	-18.23	3.96	0.25	-181.55	-321.21	-1992.79	-4.81	-614.64	151.48
10714	-17.05	3.96	0.25	-381.52	-347.33	-1723.91	67.76	-728.03	154.71
10715	-15.88	3.96	0.25	-401.70	-323.65	-1496.39	86.45	-682.86	111.79
10716	-14.70	3.96	0.25	-381.53	-299.24	-1384.64	86.48	-647.30	71.31
10717	-13.52	3.96	0.25	-346.62	-275.02	-1330.14	78.69	-622.38	34.57
10718	-12.35	3.96	0.25	-305.42	-251.87	-1314.07	67.40	-603.11	0.41
10719	-11.17	3.96	0.25	-260.70	-229.89	-1325.37	54.69	-584.14	-32.24
10720	-10.00	3.96	0.25	-213.80	-209.19	-1356.87	41.83	-561.38	-63.91
10721	-8.82	3.96	0.25	-165.79	-189.90	-1402.82	29.70	-531.83	-94.68
10722	-7.64	3.96	0.25	-117.86	-172.22	-1458.14	18.90	-493.46	-124.18
10723	-6.47	3.95	0.25	-71.33	-156.39	-1518.10	9.85	-445.13	-151.80
10724	-5.29	3.95	0.25	-27.62	-142.64	-1578.26	2.73	-386.52	-176.70
10725	-4.12	3.95	0.25	11.85	-131.21	-1634.56	-2.47	-318.09	-197.96
10726	-2.94	3.95	0.25	45.77	-122.29	-1683.46	-6.03	-240.94	-214.71
10727	-1.76	3.95	0.25	73.06	-116.05	-1722.01	-8.38	-156.73	-226.17
10728	-0.59	3.95	0.25	92.91	-112.57	-1748.01	-10.15	-67.54	-231.80
10729	-17.96	5.08	0.25	-196.38	-340.36	-2194.16	-18.05	-659.83	195.77
10730	-16.81	5.08	0.25	-404.68	-380.29	-1917.30	69.35	-782.96	212.60
10731	-15.65	5.08	0.25	-426.46	-360.32	-1675.90	94.74	-736.11	169.88
10732	-14.49	5.08	0.25	-405.70	-337.04	-1555.88	98.26	-696.79	129.39
10733	-13.33	5.07	0.25	-369.28	-312.83	-1496.72	92.64	-668.06	93.75
10734	-12.17	5.07	0.25	-326.20	-289.10	-1478.24	82.79	-645.22	61.91
10735	-11.01	5.07	0.25	-279.42	-266.24	-1488.70	70.97	-622.88	32.61
10736	-9.85	5.07	0.25	-230.39	-244.46	-1520.46	58.50	-596.79	5.06
10737	-8.69	5.07	0.25	-180.25	-224.00	-1567.50	46.22	-563.77	-21.05
10738	-7.53	5.06	0.25	-130.22	-205.11	-1624.48	34.72	-521.67	-45.65
10739	-6.37	5.06	0.25	-81.70	-188.07	-1686.44	24.37	-469.22	-68.41
10740	-5.22	5.06	0.25	-36.18	-173.19	-1748.69	15.37	-406.07	-88.76
10741	-4.06	5.06	0.25	4.82	-160.76	-1806.95	7.73	-332.62	-106.05
10742	-2.90	5.06	0.25	39.91	-151.03	-1857.46	1.28	-250.03	-119.61
10743	-1.74	5.05	0.25	67.92	-144.20	-1897.10	-4.36	-160.05	-128.85
10744	-0.58	5.05	0.25	87.99	-140.39	-1923.55	-9.67	-64.90	-133.34
10745	-17.64	6.19	0.25	-211.57	-356.22	-2398.02	-32.38	-699.97	245.51
10746	-16.50	6.18	0.25	-425.67	-412.34	-2117.39	70.12	-833.51	278.19
10747	-15.36	6.18	0.25	-449.18	-398.01	-1863.29	102.62	-786.02	236.56
10748	-14.22	6.18	0.25	-428.20	-377.09	-1734.62	110.09	-742.93	196.30
10749	-13.09	6.18	0.25	-390.66	-353.77	-1670.09	106.90	-709.89	161.74
10750	-11.95	6.17	0.25	-346.03	-330.28	-1648.19	98.61	-682.78	132.18
10751	-10.81	6.17	0.25	-297.58	-307.33	-1656.47	87.78	-656.35	106.25
10752	-9.67	6.17	0.25	-246.90	-285.29	-1686.86	75.76	-626.30	82.95
10753	-8.53	6.17	0.25	-195.20	-264.45	-1733.12	63.37	-589.41	61.69
10754	-7.40	6.16	0.25	-143.75	-245.12	-1789.74	51.16	-543.43	42.23
10755	-6.26	6.16	0.25	-93.96	-227.61	-1851.62	39.48	-487.06	24.64
10756	-5.12	6.16	0.25	-47.39	-212.27	-1913.98	28.52	-419.85	9.15
10757	-3.98	6.16	0.25	-5.56	-199.41	-1972.41	18.33	-342.22	-3.86
10758	-2.84	6.16	0.25	30.07	-189.32	-2023.07	8.80	-255.32	-13.95
10759	-1.71	6.15	0.25	58.30	-182.23	-2062.78	-0.32	-160.90	-20.76
10760	-0.57	6.15	0.25	78.25	-178.27	-2089.18	-9.41	-61.26	-24.00
10761	-17.25	7.27	0.25	-226.91	-368.16	-2604.03	-47.57	-735.28	300.36
10762	-16.13	7.26	0.25	-444.19	-442.77	-2324.59	69.35	-878.38	350.89
10763	-15.02	7.26	0.25	-469.61	-436.64	-2059.37	109.70	-831.63	312.07
10764	-13.91	7.26	0.25	-449.05	-419.35	-1921.64	121.55	-785.02	272.32
10765	-12.79	7.26	0.25	-410.81	-397.92	-1851.01	120.89	-747.22	238.72
10766	-11.68	7.26	0.25	-365.01	-375.58	-1824.67	114.24	-715.18	211.25
10767	-10.57	7.26	0.25	-315.34	-353.40	-1829.39	104.42	-684.00	188.51
10768	-9.46	7.26	0.25	-263.55	-331.96	-1856.76	92.85	-649.44	169.28
10769	-8.34	7.26	0.25	-210.94	-311.61	-1900.34	80.37	-608.29	152.73
10770	-7.23	7.26	0.25	-158.79	-292.67	-1954.54	67.46	-558.34	138.34
10771	-6.12	7.26	0.25	-108.54	-275.49	-2014.24	54.44	-498.24	125.86
10772	-5.01	7.25	0.25	-61.71	-260.41	-2074.66	41.52	-427.54	115.25
10773	-3.89	7.25	0.25	-19.83	-247.77	-2131.45	28.76	-346.62	106.58
10774	-2.78	7.25	0.25	15.67	-237.86	-2180.77	16.13	-256.58	100.02
10775	-1.67	7.25	0.25	43.59	-230.89	-2219.48	3.49	-159.17	95.71
10776	-0.56	7.25	0.25	63.02	-227.00	-2245.27	-9.42	-56.62	93.78
10777	-18.60	3.96	-1.25	-784.61	-575.94	-2370.85	156.10	-1050.13	282.40
10778	-17.40	3.96	-1.25	-641.05	-425.43	-1575.82	157.72	-716.51	125.04
10779	-16.20	3.96	-1.25	-525.20	-362.06	-1388.38	139.52	-613.61	54.02
10780	-15.00	3.96	-1.25	-438.85	-315.98	-1286.30	121.91	-564.77	5.86
10781	-13.80	3.96	-1.25	-369.31	-280.17	-1235.31	105.28	-537.84	-32.20
10782	-12.60	3.96	-1.25	-308.85	-250.27	-1215.12	89.55	-518.75	-65.32
10783	-11.40	3.96	-1.25	-253.47	-224.34	-1217.18	74.71	-500.73	-95.75
10784	-10.20	3.96	-1.25	-201.11	-201.40	-1235.85	60.87	-479.66	-124.47
10785	-9.00	3.96	-1.25	-150.98	-180.98	-1266.74	48.23	-452.85	-151.79
10786	-7.80	3.96	-1.25	-103.08	-162.86	-1305.94	36.98	-418.60	-177.56
10787	-6.60	3.95	-1.25	-57.91	-147.01	-1349.72	27.26	-375.97	-201.40
10788	-5.40	3.95	-1.25	-16.29	-133.50	-1394.59	19.09	-324.72	-222.69
10789	-4.20	3.95	-1.25	20.85	-122.42	-1437.29	12.40	-265.20	-240.80
10790	-3.00	3.95	-1.25	52.57	-113.89	-1474.94	6.94	-198.32	-255.06
10791	-1.80	3.95	-1.25	78.07	-108.00	-1505.17	2.37	-125.47	-264.92

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]
10792	-0.60	3.95	-1.25	96.77	-104.82	-1526.15	-1.79	-48.39	-269.99
10793	-18.34	5.08	-1.25	-838.95	-639.25	-2604.83	173.26	-1129.85	365.53
10794	-17.16	5.08	-1.25	-685.31	-480.38	-1750.43	178.55	-776.03	186.12
10795	-15.97	5.08	-1.25	-562.31	-411.81	-1547.46	158.76	-663.72	107.96
10796	-14.79	5.08	-1.25	-470.33	-362.09	-1438.43	139.94	-608.98	57.39
10797	-13.61	5.07	-1.25	-396.38	-323.49	-1383.83	122.53	-577.76	19.36
10798	-12.42	5.07	-1.25	-332.33	-291.33	-1361.82	106.26	-555.14	-12.25
10799	-11.24	5.07	-1.25	-273.89	-263.51	-1363.10	90.94	-533.94	-40.16
10800	-10.06	5.07	-1.25	-218.88	-238.94	-1381.72	76.55	-509.78	-65.66
10801	-8.87	5.07	-1.25	-166.40	-217.06	-1413.08	63.14	-479.81	-89.33
10802	-7.69	5.06	-1.25	-116.40	-197.64	-1453.09	50.81	-442.21	-111.27
10803	-6.51	5.06	-1.25	-69.39	-180.64	-1497.90	39.64	-395.95	-131.29
10804	-5.32	5.06	-1.25	-26.19	-166.11	-1543.86	29.64	-340.75	-149.03
10805	-4.14	5.06	-1.25	12.22	-154.17	-1587.60	20.72	-276.97	-164.03
10806	-2.96	5.06	-1.25	44.88	-144.96	-1626.12	12.68	-205.53	-175.81
10807	-1.77	5.05	-1.25	70.94	-138.59	-1656.94	5.23	-127.89	-183.96
10808	-0.59	5.05	-1.25	89.80	-135.13	-1678.18	-2.02	-45.86	-188.18
10809	-18.02	6.18	-1.25	-891.14	-705.95	-2845.60	191.36	-1204.80	460.29
10810	-16.86	6.18	-1.25	-728.14	-540.15	-1932.80	200.85	-834.05	257.01
10811	-15.70	6.18	-1.25	-598.85	-466.46	-1712.80	179.51	-711.93	170.69
10812	-14.53	6.18	-1.25	-501.68	-413.08	-1596.31	159.36	-650.67	117.11
10813	-13.37	6.18	-1.25	-423.55	-371.73	-1537.59	140.95	-614.49	78.79
10814	-12.21	6.17	-1.25	-356.07	-337.51	-1513.12	123.94	-587.71	48.56
10815	-11.05	6.17	-1.25	-294.81	-308.13	-1512.80	108.00	-562.75	23.15
10816	-9.88	6.17	-1.25	-237.46	-282.33	-1530.33	92.93	-535.05	0.91
10817	-8.72	6.17	-1.25	-183.05	-259.47	-1560.90	78.65	-501.64	-18.99
10818	-7.56	6.16	-1.25	-131.46	-239.26	-1600.35	65.16	-460.61	-36.92
10819	-6.39	6.16	-1.25	-83.17	-221.58	-1644.75	52.46	-410.91	-52.92
10820	-5.23	6.16	-1.25	-38.97	-206.50	-1690.42	40.51	-352.21	-66.89
10821	-4.07	6.16	-1.25	0.16	-194.12	-1733.94	29.24	-284.85	-78.57
10822	-2.91	6.16	-1.25	33.25	-184.55	-1772.29	18.49	-209.76	-87.70
10823	-1.74	6.15	-1.25	59.45	-177.90	-1802.97	8.01	-128.40	-94.01
10824	-0.58	6.15	-1.25	78.15	-174.28	-1824.12	-2.51	-42.62	-97.31
10825	-17.64	7.27	-1.25	-940.92	-776.62	-3093.35	210.28	-1274.83	567.06
10826	-16.50	7.26	-1.25	-769.46	-605.41	-2124.60	224.36	-889.81	338.22
10827	-15.36	7.26	-1.25	-635.11	-526.73	-1885.25	201.79	-757.74	242.66
10828	-14.22	7.26	-1.25	-533.27	-469.54	-1760.50	179.99	-689.33	185.33
10829	-13.09	7.26	-1.25	-451.12	-425.46	-1697.09	160.20	-647.53	146.29
10830	-11.95	7.26	-1.25	-380.35	-389.43	-1669.51	142.19	-615.97	117.14
10831	-10.81	7.26	-1.25	-316.52	-358.81	-1666.75	125.44	-586.73	94.01
10832	-9.67	7.26	-1.25	-257.20	-332.20	-1682.11	109.53	-555.07	74.86
10833	-8.53	7.26	-1.25	-201.31	-308.84	-1710.68	94.26	-517.95	58.61
10834	-7.40	7.26	-1.25	-148.68	-288.33	-1748.21	79.52	-473.47	44.64
10835	-6.26	7.26	-1.25	-99.71	-270.50	-1790.80	65.20	-420.55	32.62
10836	-5.12	7.25	-1.25	-55.13	-255.35	-1834.80	51.25	-358.83	22.44
10837	-3.98	7.25	-1.25	-15.87	-242.95	-1876.86	37.59	-288.63	14.10
10838	-2.84	7.25	-1.25	17.12	-233.39	-1914.01	24.08	-210.87	7.66
10839	-1.71	7.25	-1.25	43.02	-226.73	-1943.83	10.56	-126.95	3.21
10840	-0.57	7.25	-1.25	61.22	-223.04	-1964.53	-3.24	-38.69	0.84
10841	16.50	8.10	1.75	416.97	250.91	-2064.65	-106.84	1620.17	290.62
10842	16.21	8.70	1.75	668.86	347.70	-2147.19	-189.24	1605.31	-60.79
10843	15.43	8.10	1.75	323.42	67.04	-2333.34	-121.95	1259.71	233.70
10844	15.16	8.70	1.75	360.86	-27.82	-2512.35	-190.72	1229.65	200.41
10845	14.37	8.10	1.75	162.12	-147.90	-2421.59	-177.25	1057.95	301.92
10846	14.12	8.70	1.75	139.99	-191.52	-2564.95	-223.73	1059.20	319.64
10847	13.30	8.10	1.75	24.29	-231.33	-2381.16	-206.06	953.53	330.98
10848	13.07	8.70	1.75	-3.51	-255.96	-2511.95	-229.74	969.49	370.27
10849	12.24	8.10	1.75	-55.24	-267.83	-2335.36	-209.35	898.86	342.39
10850	12.02	8.70	1.75	-77.01	-290.08	-2460.40	-224.19	918.51	389.64
10851	11.18	8.10	1.75	-89.92	-284.66	-2316.62	-201.29	861.21	344.15
10852	10.98	8.70	1.75	-107.33	-307.84	-2437.31	-213.36	879.36	396.00
10853	10.11	8.10	1.75	-95.66	-290.44	-2326.32	-187.84	825.58	341.61
10854	9.93	8.70	1.75	-110.53	-315.23	-2442.25	-199.24	840.95	397.27
10855	9.05	8.10	1.75	-83.12	-289.00	-2359.31	-171.25	784.42	337.22
10856	8.89	8.70	1.75	-96.51	-315.29	-2470.25	-182.49	796.65	396.39
10857	7.98	8.10	1.75	-59.35	-283.01	-2409.09	-152.86	733.50	332.02
10858	7.84	8.70	1.75	-71.98	-310.88	-2514.93	-164.04	742.93	394.81
10859	6.92	8.10	1.75	-29.57	-274.38	-2468.93	-133.64	670.43	326.40
10860	6.80	8.70	1.75	-41.88	-303.71	-2569.78	-144.56	677.60	392.78
10861	5.85	8.10	1.75	2.04	-264.52	-2532.34	-114.28	594.13	320.54
10862	5.75	8.70	1.75	-10.18	-295.18	-2628.51	-124.60	599.64	390.40
10863	4.79	8.10	1.75	32.03	-254.60	-2593.22	-95.28	504.72	314.64
10864	4.71	8.70	1.75	19.79	-286.41	-2685.25	-104.62	509.14	387.74
10865	3.73	8.10	1.75	57.49	-245.59	-2646.16	-77.01	403.35	308.95
10866	3.66	8.70	1.75	45.23	-278.34	-2734.77	-84.97	407.20	384.89
10867	2.66	8.10	1.75	76.10	-238.27	-2686.62	-59.68	292.07	303.79
10868	2.61	8.70	1.75	63.91	-271.74	-2772.67	-65.91	295.74	382.04
10869	1.60	8.10	1.75	86.13	-233.25	-2711.17	-43.37	173.60	299.50
10870	1.57	8.70	1.75	74.16	-267.20	-2795.60	-47.60	177.36	379.36
10871	0.53	8.10	1.75	86.46	-230.97	-2717.58	-28.04	51.14	296.41
10872	0.52	8.70	1.75	74.90	-265.13	-2801.39	-30.08	55.09	377.11
10873	16.90	8.10	0.25	108.03	44.78	-1998.94	37.37	1673.45	465.35
10874	16.61	8.70	0.25	453.20	162.42	-2134.35	-84.67	1669.80	50.83
10875	15.81	8.10	0.25	95.62	-144.60	-2129.63	-75.51	1384.91	322.54
10876	15.54	8.70	0.25	166.62	-265.59	-2344.45	-198.30	1391.28	287.88
10877	14.72	8.10	0.25	39.63	-310.84	-2167.74	-203.78	1197.29	303.86
10878	14.47	8.70	0.25	13.92	-366.47	-2332.85	-277.63	1204.09	320.53
10879	13.63	8.10	0.25	-30.14	-355.23	-2158.37	-245.49	1040.32	286.24
10880	13.40	8.70	0.25	-70.59	-391.21	-2291.79	-286.68	1052.43	324.07
10881	12.54	8.10	0.25	-76.59	-365.03	-2134.61	-246.12	928.90	271.67
10882	12.33	8.70	0.25	-112.04	-396.46	-2252.96	-272.13	944.97	317.48
10883	11.45	8.10	0.25	-97.04	-362.92	-2119.92	-231.41	850.13	258.63
10884	11.26	8.70	0.25	-126.37	-394.05	-2230.24	-250.66	866.40	308.23
10885	10.36	8.10	0.25	-97.70	-355.44	-2121.79	-211.28	787.78	246.91
10886	10.18	8.70	0.25	-122.19	-386.93	-2226.53	-227.17	802.40	299.05
10887	9.27	8.10	0.25	-84.82	-344.84	-2139.68	-189.07	730.55	236.55
10888	9.11	8.70	0.25	-105.86	-376.80	-2239.82	-202.99	742.72	290.95
10889	8.18	8.10	0.25	-63.42	-332.74	-2170.15	-166.30	671.48	227.45
10890	8.04	8.70	0.25	-82.22	-365.42	-2266.09	-178.96	681.26	284.23

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]
10891	7.09	8.10	0.25	-37.59	-320.14	-2208.73	-143.76	606.48	219.38
10892	6.97	8.70	0.25	-54.93	-353.54	-2300.71	-155.32	614.19	278.57
10893	6.00	8.10	0.25	-10.67	-307.82	-2250.72	-121.81	533.34	212.16
10894	5.90	8.70	0.25	-27.06	-341.94	-2339.07	-132.23	539.41	273.74
10895	4.91	8.10	0.25	14.54	-296.48	-2291.61	-100.70	451.31	205.74
10896	4.82	8.70	0.25	-1.23	-331.26	-2376.73	-109.84	456.20	269.57
10897	3.82	8.10	0.25	35.66	-286.71	-2327.27	-80.55	360.77	200.15
10898	3.75	8.70	0.25	20.33	-322.06	-2409.72	-88.22	364.90	265.98
10899	2.73	8.10	0.25	50.74	-279.02	-2354.23	-61.42	262.98	195.53
10900	2.68	8.70	0.25	35.79	-314.82	-2434.65	-67.42	266.70	262.99
10901	1.64	8.10	0.25	58.33	-273.83	-2369.81	-43.29	159.86	192.06
10902	1.61	8.70	0.25	43.78	-309.94	-2448.95	-47.46	163.41	260.67
10903	0.55	8.10	0.25	57.44	-271.44	-2372.30	-26.07	53.81	189.96
10904	0.54	8.70	0.25	43.39	-307.69	-2450.94	-28.32	57.27	259.16
10905	17.30	8.10	-1.25	-223.71	-387.75	-1895.07	-134.84	1681.95	562.12
10906	17.02	8.70	-1.25	-63.85	-376.72	-2201.93	-341.82	1765.32	358.41
10907	16.18	8.10	-1.25	-183.81	-441.15	-1896.35	-188.43	1315.38	360.42
10908	15.92	8.70	-1.25	-175.41	-578.25	-2090.55	-356.16	1376.81	337.57
10909	15.07	8.10	-1.25	-158.41	-467.18	-1890.62	-269.69	1132.17	243.22
10910	14.83	8.70	-1.25	-200.36	-529.72	-2037.60	-359.80	1150.90	248.01
10911	13.95	8.10	-1.25	-140.74	-442.61	-1899.59	-281.91	989.80	184.76
10912	13.73	8.70	-1.25	-187.58	-488.02	-2023.20	-333.95	999.96	211.23
10913	12.83	8.10	-1.25	-126.84	-417.13	-1905.90	-266.96	880.70	156.85
10914	12.63	8.70	-1.25	-167.88	-455.25	-2013.85	-300.61	890.96	192.14
10915	11.72	8.10	-1.25	-112.86	-394.06	-1909.95	-243.01	796.86	139.95
10916	11.53	8.70	-1.25	-147.75	-430.00	-2009.11	-267.59	807.57	179.82
10917	10.60	8.10	-1.25	-95.96	-373.25	-1917.65	-216.94	728.66	127.79
10918	10.43	8.70	-1.25	-125.24	-407.88	-2011.11	-236.23	738.93	170.54
10919	9.49	8.10	-1.25	-75.31	-354.00	-1931.84	-190.84	667.65	118.14
10920	9.33	8.70	-1.25	-100.25	-388.07	-2021.20	-206.84	676.71	163.25
10921	8.37	8.10	-1.25	-51.75	-336.35	-1952.50	-165.63	607.78	110.07
10922	8.24	8.70	-1.25	-73.63	-370.32	-2038.47	-179.42	615.43	157.41
10923	7.25	8.10	-1.25	-26.88	-320.23	-1977.89	-141.59	545.08	103.11
10924	7.14	8.70	-1.25	-46.60	-354.27	-2060.81	-153.64	551.37	152.57
10925	6.14	8.10	-1.25	-2.52	-305.76	-2005.40	-118.76	477.21	97.03
10926	6.04	8.70	-1.25	-20.73	-340.01	-2085.56	-129.25	482.33	148.50
10927	5.02	8.10	-1.25	19.53	-293.16	-2032.13	-97.11	403.15	91.76
10928	4.94	8.70	-1.25	2.37	-327.67	-2109.87	-106.10	407.39	145.09
10929	3.91	8.10	-1.25	37.55	-282.71	-2055.26	-76.60	322.94	87.34
10930	3.84	8.70	-1.25	21.16	-317.49	-2130.96	-84.04	326.56	142.29
10931	2.79	8.10	-1.25	50.05	-274.67	-2072.28	-57.14	237.38	83.86
10932	2.75	8.70	-1.25	34.27	-309.68	-2146.44	-62.97	240.63	140.12
10933	1.67	8.10	-1.25	55.88	-269.28	-2081.21	-38.64	147.89	81.47
10934	1.65	8.70	-1.25	40.62	-304.46	-2154.38	-42.77	150.92	138.65
10935	0.56	8.10	-1.25	54.19	-266.82	-2080.77	-20.94	56.28	80.38
10936	0.55	8.70	-1.25	39.47	-302.08	-2153.59	-23.33	59.12	138.09
10937	-0.53	8.10	1.75	76.64	-231.71	-2704.97	-13.55	-71.85	294.80
10938	-0.52	8.70	1.75	65.56	-265.86	-2789.14	-13.35	-67.72	375.56
10939	-1.60	8.10	1.75	56.76	-235.53	-2673.71	0.27	-191.85	294.71
10940	-1.57	8.70	1.75	46.31	-269.42	-2759.20	2.65	-187.61	374.72
10941	-2.66	8.10	1.75	27.53	-242.32	-2625.44	13.60	-305.69	296.09
10942	-2.61	8.70	1.75	17.84	-275.67	-2713.08	18.02	-301.62	374.53
10943	-3.73	8.10	1.75	-9.82	-251.83	-2562.99	26.56	-410.56	298.83
10944	-3.66	8.70	1.75	-18.66	-284.41	-2653.53	32.70	-406.99	375.02
10945	-4.79	8.10	1.75	-53.63	-263.68	-2490.24	39.12	-504.22	302.77
10946	-4.71	8.70	1.75	-61.60	-295.24	-2584.28	46.62	-501.56	376.18
10947	-5.85	8.10	1.75	-101.90	-277.31	-2411.93	51.15	-585.13	307.73
10948	-5.75	8.70	1.75	-109.01	-307.64	-2509.92	59.57	-583.83	377.96
10949	-6.92	8.10	1.75	-152.36	-292.11	-2333.46	62.33	-652.58	313.57
10950	-6.80	8.70	1.75	-158.69	-320.97	-2435.65	71.21	-653.11	380.41
10951	-7.98	8.10	1.75	-202.60	-307.30	-2260.64	72.19	-706.74	320.24
10952	-7.84	8.70	1.75	-208.26	-334.49	-2367.14	81.06	-709.49	383.60
10953	-9.05	8.10	1.75	-250.13	-322.01	-2199.62	80.03	-748.54	327.77
10954	-8.89	8.70	1.75	-255.24	-347.30	-2310.35	88.41	-753.85	387.65
10955	-10.11	8.10	1.75	-292.31	-335.20	-2156.77	84.98	-779.48	336.14
10956	-9.93	8.70	1.75	-297.00	-358.22	-2271.49	92.31	-787.58	392.80
10957	-11.18	8.10	1.75	-326.12	-345.73	-2138.69	85.72	-801.31	345.09
10958	-10.98	8.70	1.75	-330.57	-366.09	-2257.19	91.62	-811.92	398.50
10959	-12.24	8.10	1.75	-347.66	-351.80	-2152.37	80.21	-815.28	353.92
10960	-12.02	8.70	1.75	-352.03	-369.24	-2274.00	84.28	-828.24	403.92
10961	-13.30	8.10	1.75	-351.23	-350.68	-2205.04	65.59	-819.85	360.17
10962	-13.07	8.70	1.75	-355.43	-364.45	-2328.72	67.32	-834.56	406.95
10963	-14.37	8.10	1.75	-328.39	-338.52	-2301.79	38.02	-806.98	357.17
10964	-14.12	8.70	1.75	-332.42	-347.86	-2426.10	36.96	-821.42	399.47
10965	-15.43	8.10	1.75	-268.79	-308.36	-2419.83	-4.73	-750.01	329.04
10966	-15.16	8.70	1.75	-274.20	-312.51	-2540.16	-8.66	-763.16	364.70
10967	-16.50	8.10	1.75	-226.23	-278.75	-2522.92	-36.76	-653.47	276.27
10968	-16.21	8.70	1.75	-237.39	-281.61	-2637.18	-40.42	-668.01	304.88
10969	-0.55	8.10	0.25	47.60	-272.09	-2361.00	-9.64	-52.50	189.41
10970	-0.54	8.70	0.25	34.06	-308.25	-2439.93	-9.96	-49.13	258.65
10971	-1.64	8.10	0.25	28.78	-275.78	-2336.16	6.12	-156.28	190.43
10972	-1.61	8.70	0.25	15.83	-311.68	-2416.12	7.69	-153.01	259.10
10973	-2.73	8.10	0.25	1.45	-282.42	-2299.01	21.42	-255.10	192.94
10974	-2.68	8.70	0.25	-10.85	-317.96	-2380.65	24.78	-252.18	260.50
10975	-3.82	8.10	0.25	-33.53	-291.91	-2251.76	36.40	-346.82	196.96
10976	-3.75	8.70	0.25	-45.17	-326.99	-2335.66	41.34	-344.54	262.99
10977	-4.91	8.10	0.25	-74.98	-304.02	-2197.48	51.11	-429.74	202.51
10978	-4.82	8.70	0.25	-85.99	-338.55	-2284.10	57.39	-428.48	266.65
10979	-6.00	8.10	0.25	-121.52	-318.50	-2139.90	65.56	-502.80	209.63
10980	-5.90	8.70	0.25	-131.95	-352.37	-2229.57	72.87	-502.97	271.65
10981	-7.09	8.10	0.25	-171.63	-335.00	-2083.30	79.62	-565.66	218.44
10982	-6.97	8.70	0.25	-181.63	-368.14	-2176.23	87.67	-567.68	278.26
10983	-8.18	8.10	0.25	-223.84	-353.18	-2032.35	93.09	-618.77	229.22
10984	-8.04	8.70	0.25	-233.56	-385.52	-2128.64	101.57	-623.07	286.89
10985	-9.27	8.10	0.25	-276.76	-372.68	-1992.12	105.67	-663.48	242.47
10986	-9.11	8.70	0.25	-286.37	-404.16	-2091.80	114.25	-670.43	298.13
10987	-10.36	8.10	0.25	-329.09	-393.15	-1968.25	116.91	-701.91	258.92
10988	-10.18	8.70	0.25	-338.79	-423.59	-2071.29	125.24	-711.93	313.02
10989	-11.45	8.10	0.25	-379.43	-414.22	-1967.30	125.99	-737.18	279.49



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]
10990	-11.26	8.70	0.25	-389.50	-443.48	-2073.94	133.84	-750.27	332.42
10991	-12.54	8.10	0.25	-425.93	-435.11	-1997.90	131.35	-773.45	305.58
10992	-12.33	8.70	0.25	-436.31	-462.95	-2108.31	138.34	-789.75	357.61
10993	-13.63	8.10	0.25	-464.52	-454.39	-2073.84	130.01	-815.25	338.64
10994	-13.40	8.70	0.25	-475.15	-480.19	-2188.41	135.62	-834.73	390.54
10995	-14.72	8.10	0.25	-484.42	-468.22	-2219.24	114.70	-864.61	378.18
10996	-14.47	8.70	0.25	-494.56	-490.94	-2339.56	118.09	-885.94	429.80
10997	-15.81	8.10	0.25	-456.56	-466.20	-2492.54	67.08	-909.26	413.26
10998	-15.54	8.70	0.25	-464.85	-483.55	-2619.55	66.23	-929.34	463.81
10999	-16.90	8.10	0.25	-238.75	-372.24	-2767.56	-61.12	-758.73	343.70
11000	-16.61	8.70	0.25	-244.51	-372.11	-2888.30	-73.21	-768.71	375.32
11001	-0.56	8.10	-1.25	44.60	-267.52	-2070.41	-3.97	-35.33	80.78
11002	-0.55	8.70	-1.25	30.33	-302.93	-2143.71	-4.58	-32.76	138.83
11003	-1.67	8.10	-1.25	26.97	-271.25	-2050.43	12.29	-124.69	82.62
11004	-1.65	8.70	-1.25	13.18	-306.73	-2124.83	13.29	-122.21	140.61
11005	-2.79	8.10	-1.25	1.57	-277.80	-2021.84	28.11	-209.83	85.78
11006	-2.75	8.70	-1.25	-11.72	-313.12	-2097.65	30.68	-207.65	143.02
11007	-3.91	8.10	-1.25	-31.03	-287.17	-1986.33	43.73	-289.05	90.27
11008	-3.84	8.70	-1.25	-43.81	-322.26	-2063.83	47.75	-287.45	146.31
11009	-5.02	8.10	-1.25	-70.02	-299.36	-1946.25	59.26	-360.98	96.19
11010	-4.94	8.70	-1.25	-82.34	-334.20	-2025.70	64.58	-360.26	150.69
11011	-6.14	8.10	-1.25	-114.51	-314.33	-1904.43	74.80	-424.74	103.63
11012	-6.04	8.70	-1.25	-126.49	-348.93	-1986.04	81.26	-425.24	156.41
11013	-7.25	8.10	-1.25	-163.64	-332.05	-1864.17	90.43	-480.03	112.77
11014	-7.14	8.70	-1.25	-175.46	-366.47	-1948.02	97.85	-482.10	163.74
11015	-8.37	8.10	-1.25	-216.74	-352.59	-1829.01	106.23	-527.22	123.91
11016	-8.24	8.70	-1.25	-228.62	-386.92	-1915.16	114.47	-531.20	173.13
11017	-9.49	8.10	-1.25	-273.49	-376.13	-1802.82	122.36	-567.39	137.59
11018	-9.33	8.70	-1.25	-285.73	-410.51	-1891.22	131.27	-573.64	185.19
11019	-10.60	8.10	-1.25	-334.17	-403.21	-1789.86	139.09	-602.43	154.65
11020	-10.43	8.70	-1.25	-347.15	-437.75	-1880.47	148.57	-611.35	201.10
11021	-11.72	8.10	-1.25	-399.84	-434.75	-1795.19	156.66	-635.32	176.36
11022	-11.53	8.70	-1.25	-414.17	-469.94	-1888.23	166.92	-646.99	222.15
11023	-12.83	8.10	-1.25	-473.10	-472.13	-1825.73	175.57	-670.96	204.99
11024	-12.63	8.70	-1.25	-488.92	-508.18	-1921.37	186.50	-685.70	250.62
11025	-13.95	8.10	-1.25	-558.49	-518.44	-1893.30	196.76	-717.57	245.04
11026	-13.73	8.70	-1.25	-576.60	-555.89	-1992.18	208.65	-736.04	291.66
11027	-15.07	8.10	-1.25	-663.99	-579.14	-2024.98	220.41	-791.93	305.94
11028	-14.83	8.70	-1.25	-685.27	-618.89	-2129.53	233.82	-814.76	355.57
11029	-16.18	8.10	-1.25	-801.46	-662.47	-2282.13	244.03	-932.33	410.27
11030	-15.92	8.70	-1.25	-825.12	-705.94	-2399.23	259.42	-961.00	466.38
11031	-17.30	8.10	-1.25	-978.35	-836.31	-3295.32	225.38	-1326.38	658.71
11032	-17.02	8.70	-1.25	-1004.21	-880.77	-3452.74	237.29	-1361.63	732.74
11033	10.98	9.45	1.75	-131.45	-328.90	-2599.81	-227.23	905.81	460.73
11034	11.95	9.41	1.75	-104.02	-304.75	-2622.76	-237.65	942.70	444.86
11035	12.92	9.36	1.75	-42.18	-266.39	-2668.82	-246.78	985.29	415.67
11036	11.17	10.34	1.75	-166.33	-342.80	-2818.74	-237.74	940.80	539.49
11037	12.02	10.22	1.75	-139.73	-308.18	-2832.58	-244.30	969.41	508.05
11038	12.86	10.08	1.75	-90.81	-260.43	-2858.26	-252.31	997.96	463.55
11039	11.35	11.25	1.75	-206.72	-339.08	-3075.92	-228.72	966.22	616.13
11040	12.07	11.03	1.75	-182.91	-299.02	-3068.08	-231.05	983.52	570.20
11041	12.78	10.80	1.75	-144.62	-245.64	-3062.00	-234.31	996.97	513.49
11042	0.53	9.82	1.75	45.68	-335.71	-2955.83	-34.37	64.79	530.17
11043	1.60	9.80	1.75	44.26	-336.36	-2948.80	-56.68	191.00	528.94
11044	2.66	9.78	1.75	33.14	-338.60	-2924.75	-79.20	312.58	525.99
11045	3.72	9.76	1.75	13.65	-342.04	-2886.20	-101.64	426.44	521.46
11046	4.77	9.73	1.75	-12.26	-346.10	-2836.77	-123.67	530.09	515.53
11047	5.82	9.69	1.75	-42.16	-350.04	-2780.98	-144.93	621.79	508.46
11048	6.87	9.65	1.75	-73.10	-352.97	-2724.04	-165.07	700.73	500.51
11049	7.91	9.61	1.75	-101.75	-353.83	-2671.56	-183.75	767.02	491.94
11050	8.94	9.55	1.75	-124.20	-351.32	-2629.31	-200.61	821.79	482.81
11051	9.98	9.50	1.75	-135.71	-343.82	-2603.01	-215.31	867.19	472.74
11052	0.56	11.45	1.75	-8.33	-448.33	-3184.66	-40.31	81.31	749.72
11053	1.68	11.41	1.75	-10.74	-446.06	-3175.90	-68.95	215.12	743.34
11054	2.79	11.36	1.75	-23.17	-443.48	-3150.14	-96.92	342.98	732.06
11055	3.89	11.29	1.75	-43.80	-440.24	-3110.27	-123.46	461.61	716.44
11056	4.98	11.20	1.75	-70.20	-435.87	-3060.24	-147.98	568.55	697.20
11057	6.06	11.09	1.75	-99.51	-429.79	-3004.67	-170.01	662.28	675.14
11058	7.12	10.97	1.75	-128.49	-421.26	-2948.56	-189.25	742.21	651.01
11059	8.17	10.83	1.75	-153.62	-409.37	-2896.96	-205.53	808.70	625.36
11060	9.21	10.67	1.75	-171.06	-392.99	-2854.69	-218.93	862.92	598.25
11061	10.24	10.50	1.75	-176.18	-370.66	-2825.89	-229.76	906.81	568.99
11062	0.59	13.09	1.75	-78.25	-556.11	-3452.56	-44.53	96.80	968.14
11063	1.76	13.03	1.75	-81.23	-550.79	-3444.02	-77.20	235.56	957.73
11064	2.91	12.95	1.75	-93.68	-542.49	-3419.64	-108.31	367.70	939.36
11065	4.05	12.83	1.75	-113.59	-531.07	-3382.15	-136.74	489.98	913.90
11066	5.17	12.68	1.75	-138.30	-516.38	-3335.15	-161.64	599.93	882.47
11067	6.27	12.51	1.75	-164.77	-498.16	-3282.69	-182.45	696.03	846.20
11068	7.35	12.30	1.75	-189.67	-476.04	-3229.02	-198.90	777.59	806.06
11069	8.42	12.06	1.75	-209.55	-449.41	-3178.10	-211.04	844.72	762.66
11070	9.46	11.80	1.75	-220.87	-417.29	-3133.33	-219.28	898.12	715.97
11071	10.49	11.51	1.75	-219.96	-378.71	-3097.03	-224.93	938.99	664.87
11072	0.61	14.73	1.75	-163.35	-627.26	-3819.46	-45.45	112.05	1192.27
11073	1.81	14.66	1.75	-166.10	-619.46	-3812.03	-77.81	253.53	1178.53
11074	3.00	14.55	1.75	-176.70	-605.60	-3789.97	-107.97	388.30	1153.53
11075	4.18	14.39	1.75	-193.15	-585.92	-3755.27	-134.52	513.08	1118.22
11076	5.33	14.19	1.75	-212.86	-560.73	-3710.59	-156.42	625.26	1073.84
11077	6.46	13.94	1.75	-232.89	-530.36	-3658.85	-173.03	722.99	1021.66
11078	7.56	13.65	1.75	-250.10	-495.00	-3602.89	-184.18	805.14	962.75
11079	8.64	13.32	1.75	-261.40	-454.62	-3545.14	-190.13	871.14	897.85
11080	9.69	12.95	1.75	-263.91	-408.85	-3487.20	-191.71	920.96	827.07
11081	10.72	12.54	1.75	-255.22	-356.05	-3429.42	-190.52	955.03	749.79
11082	0.62	16.37	1.75	-247.55	-673.40	-4328.32	-39.87	125.50	1367.82
11083	1.86	16.30	1.75	-248.63	-664.99	-4321.34	-63.67	264.24	1351.11
11084	3.08	16.16	1.75	-254.46	-648.76	-4298.14	-85.33	396.44	1318.98
11085	4.28	15.96	1.75	-263.44	-625.58	-4259.81	-103.47	518.71	1272.56
11086	5.46	15.70	1.75	-273.47	-596.32	-4207.81	-117.13	628.18	1213.32
11087	6.61	15.39	1.75	-282.26	-561.93	-4143.76	-125.90	722.58	1142.93
11088	7.74	15.02	1.75	-287.47	-523.27	-4069.17	-129.92	800.30	1063.04

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]
11089	8.84	14.59	1.75	-286.98	-380.99	-3985.15	-129.90	860.39	975.19
11090	9.90	14.11	1.75	-279.16	-335.31	-3892.26	-127.07	902.57	880.60
11091	10.93	13.57	1.75	-263.18	-285.44	-3790.18	-122.99	927.28	779.91
11092	0.63	18.02	1.75	-315.08	-427.17	-4892.98	-29.25	132.70	1364.61
11093	1.88	17.94	1.75	-313.87	-420.93	-4885.30	-40.70	255.38	1347.24
11094	3.13	17.78	1.75	-314.42	-409.31	-4856.15	-51.22	372.91	1313.04
11095	4.35	17.54	1.75	-315.89	-393.19	-4806.14	-59.92	482.14	1263.47
11096	5.56	17.23	1.75	-317.19	-373.31	-4736.18	-66.33	580.41	1200.28
11097	6.74	16.85	1.75	-317.18	-350.44	-4647.36	-70.39	665.67	1125.52
11098	7.89	16.40	1.75	-314.76	-325.22	-4540.86	-72.49	736.53	1041.42
11099	9.01	15.87	1.75	-309.10	-298.06	-4417.88	-73.38	792.33	950.27
11100	10.09	15.28	1.75	-299.66	-268.92	-4279.43	-74.06	833.10	854.17
11101	11.12	14.62	1.75	-286.30	-237.18	-4126.27	-75.56	859.73	754.67
11102	15.78	9.51	1.75	344.76	341.85	-2579.64	-451.20	1255.10	-171.51
11103	15.19	10.51	1.75	-168.27	88.34	-3100.79	-189.64	918.33	160.26
11104	14.55	11.47	1.75	-199.97	-34.27	-3366.52	-127.49	896.63	328.90
11105	14.83	9.44	1.75	217.64	-74.50	-2750.67	-289.28	1130.45	199.90
11106	14.42	10.31	1.75	3.20	-45.65	-3019.87	-264.15	1011.89	286.80
11107	13.98	11.15	1.75	-140.82	-85.35	-3262.73	-177.22	945.95	394.81
11108	13.88	9.37	1.75	65.50	-196.12	-2734.61	-259.36	1046.78	352.33
11109	13.66	10.11	1.75	-29.82	-184.74	-2930.93	-260.27	1025.01	399.35
11110	13.41	10.83	1.75	-119.82	-174.66	-3131.54	-225.93	995.19	458.11
11111	12.09	13.92	1.75	-270.89	-202.82	-3960.75	-80.65	874.55	656.49
11112	11.83	13.02	1.75	-241.21	-236.89	-3680.89	-121.73	937.19	683.65
11113	11.57	12.14	1.75	-237.34	-305.17	-3375.09	-189.05	972.76	677.46
11114	12.97	13.16	1.75	-253.46	-162.63	-3783.53	-89.42	882.23	557.17
11115	12.62	12.46	1.75	-215.82	-190.28	-3564.66	-126.46	938.37	591.04
11116	12.27	11.78	1.75	-211.62	-258.21	-3322.11	-189.42	980.12	608.95
11117	13.80	12.36	1.75	-234.49	-112.04	-3592.40	-103.83	884.96	450.76
11118	13.37	11.87	1.75	-184.89	-135.48	-3436.82	-138.28	934.51	491.85
11119	12.94	11.39	1.75	-177.68	-206.73	-3263.99	-195.64	981.39	530.55
11120	11.26	9.46	0.25	-171.91	-431.24	-2385.82	-276.64	899.35	378.31
11121	12.26	9.42	0.25	-163.29	-427.16	-2412.84	-300.12	974.05	380.37
11122	13.26	9.37	0.25	-132.71	-415.02	-2458.74	-321.20	1069.50	377.42
11123	11.47	10.39	0.25	-244.29	-476.20	-2604.88	-305.84	953.66	479.16
11124	12.34	10.26	0.25	-238.39	-458.55	-2630.09	-324.85	1018.59	468.80
11125	13.20	10.12	0.25	-217.78	-430.93	-2670.71	-342.76	1093.51	451.68
11126	11.66	11.33	0.25	-330.99	-514.67	-2877.47	-316.02	1009.85	599.69
11127	12.39	11.10	0.25	-325.06	-484.96	-2890.71	-326.78	1060.17	574.37
11128	13.12	10.86	0.25	-306.71	-441.62	-2912.37	-334.08	1113.08	543.04
11129	0.55	9.85	0.25	8.07	-385.33	-2604.20	-33.31	65.96	397.51
11130	1.64	9.83	0.25	7.65	-386.32	-2600.96	-57.12	176.16	396.13
11131	2.73	9.81	0.25	-1.45	-389.27	-2585.44	-81.32	282.97	393.91
11132	3.82	9.79	0.25	-18.15	-393.95	-2559.56	-105.76	384.07	391.04
11133	4.90	9.76	0.25	-40.90	-399.99	-2526.08	-130.33	477.76	387.75
11134	5.97	9.72	0.25	-67.75	-406.91	-2488.47	-154.92	563.02	384.36
11135	7.05	9.68	0.25	-96.40	-414.19	-2450.70	-179.49	639.76	381.26
11136	8.11	9.63	0.25	-124.26	-421.18	-2417.07	-204.02	708.89	378.89
11137	9.18	9.57	0.25	-148.39	-427.13	-2391.96	-228.53	772.60	377.61
11138	10.23	9.51	0.25	-165.32	-431.02	-2379.67	-252.99	834.66	377.59
11139	0.58	11.54	0.25	-57.31	-517.83	-2835.24	-40.73	81.32	606.06
11140	1.73	11.51	0.25	-59.06	-516.08	-2830.23	-71.39	199.60	600.32
11141	2.87	11.45	0.25	-70.08	-514.88	-2812.77	-101.76	313.46	591.41
11142	4.00	11.37	0.25	-88.96	-513.99	-2785.09	-131.36	420.49	579.80
11143	5.12	11.28	0.25	-113.76	-513.08	-2750.18	-159.89	519.03	566.15
11144	6.22	11.17	0.25	-142.23	-511.73	-2711.63	-187.17	608.30	551.24
11145	7.31	11.04	0.25	-171.85	-509.44	-2673.35	-213.16	688.45	535.86
11146	8.39	10.89	0.25	-199.91	-505.57	-2639.38	-237.96	760.64	520.67
11147	9.46	10.73	0.25	-223.45	-499.28	-2613.63	-261.81	827.10	506.04
11148	10.51	10.55	0.25	-238.92	-489.40	-2599.73	-284.95	891.38	491.71
11149	0.60	13.25	0.25	-144.35	-667.63	-3106.94	-47.28	96.69	832.95
11150	1.81	13.19	0.25	-147.39	-662.90	-3101.84	-83.75	221.92	823.83
11151	2.99	13.10	0.25	-159.76	-656.60	-3084.99	-119.18	342.26	809.36
11152	4.16	12.98	0.25	-179.86	-648.59	-3058.56	-152.80	455.38	790.26
11153	5.31	12.82	0.25	-205.59	-638.66	-3025.35	-184.08	559.69	767.52
11154	6.44	12.64	0.25	-234.53	-626.56	-2988.72	-212.70	654.48	742.17
11155	7.56	12.42	0.25	-264.06	-611.86	-2952.23	-238.52	739.88	715.20
11156	8.65	12.18	0.25	-291.43	-593.90	-2919.50	-261.62	816.87	687.33
11157	9.72	11.90	0.25	-313.77	-571.63	-2893.91	-282.24	887.17	658.73
11158	10.77	11.60	0.25	-327.81	-543.85	-2878.43	-301.01	953.08	628.34
11159	0.62	14.95	0.25	-254.84	-822.38	-3458.64	-52.13	113.64	1099.83
11160	1.87	14.88	0.25	-258.80	-814.79	-3454.75	-92.16	246.11	1088.06
11161	3.09	14.76	0.25	-271.45	-802.79	-3440.61	-130.41	373.77	1068.90
11162	4.30	14.59	0.25	-291.16	-786.38	-3418.08	-165.80	494.37	1043.15
11163	5.48	14.38	0.25	-315.74	-765.59	-3389.48	-197.48	606.34	1011.76
11164	6.64	14.12	0.25	-342.70	-740.36	-3357.60	-224.85	708.76	975.73
11165	7.77	13.82	0.25	-369.32	-710.47	-3325.38	-247.54	801.34	935.90
11166	8.88	13.48	0.25	-392.68	-675.37	-3295.71	-265.38	884.30	892.70
11167	9.96	13.09	0.25	-409.88	-634.02	-3271.16	-278.39	958.28	845.91
11168	11.01	12.67	0.25	-418.22	-584.48	-3253.17	-287.09	1024.01	794.34
11169	0.64	16.65	0.25	-408.37	-946.65	-4093.05	-53.09	136.82	1484.90
11170	1.91	16.57	0.25	-412.23	-936.46	-4090.90	-90.83	281.16	1469.66
11171	3.17	16.43	0.25	-422.51	-917.83	-4079.50	-126.05	420.51	1442.86
11172	4.40	16.22	0.25	-437.49	-890.94	-4059.59	-157.38	552.56	1404.82
11173	5.62	15.96	0.25	-455.04	-856.36	-4032.50	-183.51	675.17	1356.38
11174	6.80	15.63	0.25	-472.62	-814.55	-3999.68	-203.54	786.57	1298.35
11175	7.96	15.24	0.25	-487.40	-765.88	-3962.52	-216.91	885.38	1231.41
11176	9.09	14.80	0.25	-496.35	-710.54	-3922.11	-223.47	970.40	1155.95
11177	10.18	14.30	0.25	-496.10	-648.05	-3878.67	-223.12	1040.34	1071.66
11178	11.23	13.74	0.25	-484.48	-577.43	-3831.81	-216.39	1094.74	977.86
11179	0.65	18.36	0.25	-512.98	-570.89	-5048.77	-32.22	152.24	1594.43
11180	1.94	18.28	0.25	-511.31	-563.46	-5045.01	-38.55	287.31	1575.63
11181	3.22	18.11	0.25	-509.27	-547.81	-5024.37	-43.51	417.46	1538.57
11182	4.48	17.87	0.25	-505.89	-525.88	-4986.99	-45.83	539.37	1484.59
11183	5.72	17.54	0.25	-499.78	-498.39	-4933.09	-44.92	650.16	1414.89
11184	6.94	17.15	0.25	-489.36	-466.18	-4862.97	-40.55	747.31	1331.01
11185	8.12	16.67	0.25	-473.03	-430.01	-4776.82	-32.92	828.70	1234.66
11186	9.27	16.13	0.25	-449.36	-390.38	-4674.59	-22.68	892.67	1127.55
11187	10.38	15.51	0.25	-417.15	-347.63	-4555.77	-10.91	937.93	1011.43

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]
11188	11.44	14.83	0.25	-374.26	-299.36	-4418.97	2.56	962.49	886.66
11189	16.19	9.53	0.25	246.62	154.51	-2653.57	-326.77	1292.15	-75.43
11190	15.59	10.56	0.25	-149.39	-13.83	-3275.10	-94.09	970.62	231.93
11191	14.94	11.56	0.25	-178.78	-94.19	-3613.31	-18.30	954.36	384.21
11192	15.21	9.45	0.25	25.01	-300.65	-2675.99	-336.27	1324.89	290.96
11193	14.80	10.35	0.25	-192.10	-266.46	-3057.87	-321.67	1227.44	401.99
11194	14.35	11.22	0.25	-329.40	-298.91	-3391.80	-231.21	1167.69	540.09
11195	14.24	9.38	0.25	-77.51	-382.38	-2539.97	-336.97	1195.47	361.88
11196	14.02	10.15	0.25	-197.69	-382.39	-2793.21	-352.41	1181.31	437.20
11197	13.77	10.90	0.25	-308.89	-386.93	-3061.73	-321.13	1163.98	536.53
11198	12.42	14.10	0.25	-325.05	-250.00	-4261.30	12.72	969.12	761.47
11199	12.16	13.17	0.25	-462.88	-507.24	-3770.70	-208.15	1130.57	881.63
11200	11.89	12.26	0.25	-415.46	-534.60	-3237.51	-291.45	1073.88	743.53
11201	13.33	13.31	0.25	-276.66	-203.29	-4080.57	13.91	966.64	636.75
11202	12.97	12.59	0.25	-429.21	-438.91	-3691.49	-201.54	1148.06	780.43
11203	12.60	11.88	0.25	-399.62	-485.34	-3221.74	-292.65	1111.09	690.51
11204	14.18	12.48	0.25	-226.79	-148.66	-3874.72	10.35	951.59	505.52
11205	13.74	11.97	0.25	-381.57	-359.65	-3595.36	-196.74	1152.41	665.87
11206	13.29	11.48	0.25	-371.98	-430.74	-3207.16	-294.09	1142.88	625.47
11207	11.55	9.48	-1.25	-209.99	-482.13	-2149.87	-305.43	833.59	239.87
11208	12.57	9.43	-1.25	-237.45	-504.36	-2160.10	-343.68	912.74	246.29
11209	13.59	9.39	-1.25	-266.99	-531.36	-2179.49	-386.31	1013.08	256.62
11210	11.76	10.44	-1.25	-318.37	-561.39	-2347.52	-357.92	880.86	333.19
11211	12.65	10.31	-1.25	-352.27	-573.21	-2358.43	-395.78	951.90	331.96
11212	13.53	10.16	-1.25	-388.90	-586.64	-2379.73	-437.76	1035.99	333.74
11213	11.96	11.41	-1.25	-457.54	-658.44	-2591.10	-404.58	934.38	456.04
11214	12.71	11.18	-1.25	-492.56	-656.37	-2595.79	-435.47	995.54	445.06
11215	13.46	10.93	-1.25	-529.54	-652.60	-2608.12	-468.73	1066.68	440.61
11216	0.56	9.88	-1.25	1.59	-381.49	-2302.38	-28.92	66.25	258.87
11217	1.68	9.86	-1.25	1.86	-382.80	-2301.75	-52.93	161.78	256.86
11218	2.80	9.84	-1.25	-5.81	-386.47	-2292.42	-77.37	254.66	254.37
11219	3.91	9.82	-1.25	-20.55	-392.33	-2275.63	-102.29	343.20	251.45
11220	5.02	9.78	-1.25	-41.17	-400.19	-2253.37	-127.75	426.14	248.29
11221	6.13	9.74	-1.25	-66.26	-409.87	-2228.11	-153.87	502.84	245.11
11222	7.22	9.70	-1.25	-94.28	-421.18	-2202.57	-180.88	573.41	242.20
11223	8.32	9.65	-1.25	-123.73	-434.04	-2179.51	-209.09	638.94	239.90
11224	9.41	9.59	-1.25	-153.24	-448.43	-2161.49	-238.95	701.66	238.55
11225	10.49	9.53	-1.25	-181.86	-464.39	-2150.54	-271.06	765.26	238.51
11226	0.59	11.64	-1.25	-69.41	-523.91	-2529.91	-37.74	79.31	443.69
11227	1.78	11.60	-1.25	-70.75	-522.77	-2527.25	-69.00	182.09	437.86
11228	2.95	11.54	-1.25	-80.95	-523.07	-2515.50	-100.19	281.30	429.52
11229	4.11	11.46	-1.25	-98.84	-524.60	-2496.02	-131.17	375.17	418.98
11230	5.25	11.36	-1.25	-123.01	-527.24	-2470.95	-161.93	462.46	406.76
11231	6.38	11.25	-1.25	-151.87	-530.84	-2442.81	-192.56	542.70	393.50
11232	7.50	11.11	-1.25	-183.84	-535.29	-2414.26	-223.36	616.21	379.84
11233	8.61	10.96	-1.25	-217.45	-540.52	-2387.90	-254.82	684.26	366.39
11234	9.70	10.79	-1.25	-251.45	-546.50	-2366.07	-287.58	749.16	353.60
11235	10.78	10.61	-1.25	-284.93	-553.17	-2350.52	-322.39	814.62	341.80
11236	0.62	13.40	-1.25	-165.08	-703.29	-2786.08	-46.68	92.42	646.42
11237	1.86	13.34	-1.25	-168.43	-699.40	-2782.92	-85.45	201.31	637.62
11238	3.07	13.25	-1.25	-181.32	-695.57	-2770.78	-123.59	306.23	624.48
11239	4.27	13.12	-1.25	-202.50	-691.67	-2751.01	-160.82	405.46	607.55
11240	5.45	12.96	-1.25	-230.46	-687.67	-2725.63	-196.98	497.84	587.66
11241	6.62	12.77	-1.25	-263.63	-683.51	-2697.02	-232.13	582.95	565.75
11242	7.76	12.54	-1.25	-300.47	-679.14	-2667.67	-266.55	661.19	542.78
11243	8.88	12.29	-1.25	-339.67	-674.48	-2640.02	-300.75	733.80	519.64
11244	9.98	12.01	-1.25	-380.15	-669.42	-2616.30	-335.50	802.87	497.02
11245	11.05	11.69	-1.25	-420.95	-663.67	-2598.36	-371.49	871.20	474.85
11246	0.64	15.17	-1.25	-297.42	-939.18	-3124.84	-56.19	107.46	893.44
11247	1.92	15.09	-1.25	-303.07	-932.49	-3122.14	-103.05	223.20	882.51
11248	3.18	14.97	-1.25	-318.76	-924.05	-3110.83	-148.79	335.13	865.74
11249	4.41	14.80	-1.25	-343.21	-913.85	-3091.90	-192.87	441.64	843.83
11250	5.63	14.58	-1.25	-374.98	-901.92	-3067.16	-234.97	541.67	817.79
11251	6.82	14.31	-1.25	-412.54	-888.32	-3038.73	-274.93	634.80	788.75
11252	7.99	14.00	-1.25	-454.45	-873.03	-3008.95	-312.88	721.38	757.90
11253	9.12	13.64	-1.25	-499.37	-855.90	-2980.31	-349.08	802.52	726.37
11254	10.23	13.24	-1.25	-546.34	-836.59	-2955.24	-384.03	879.99	695.09
11255	11.30	12.80	-1.25	-594.72	-814.80	-2935.91	-418.26	955.82	664.70
11256	0.66	16.93	-1.25	-476.50	-1290.26	-3528.71	-68.69	128.10	1247.84
11257	1.97	16.85	-1.25	-485.16	-1280.21	-3528.46	-126.73	255.27	1235.58
11258	3.26	16.70	-1.25	-504.42	-1265.31	-3521.67	-182.96	379.40	1216.52
11259	4.53	16.49	-1.25	-533.02	-1245.61	-3509.93	-236.48	499.17	1191.56
11260	5.77	16.21	-1.25	-569.59	-1221.24	-3494.68	-286.43	613.71	1161.47
11261	6.99	15.87	-1.25	-612.54	-1192.36	-3477.85	-332.21	722.61	1127.18
11262	8.18	15.47	-1.25	-660.24	-1159.09	-3461.80	-373.42	825.98	1089.66
11263	9.34	15.01	-1.25	-710.98	-1121.45	-3449.22	-409.78	924.45	1049.77
11264	10.46	14.49	-1.25	-762.91	-1079.16	-3443.40	-440.96	1019.32	1008.38
11265	11.54	13.91	-1.25	-814.73	-1031.97	-3445.80	-466.96	1111.62	965.53
11266	0.67	18.70	-1.25	-925.59	-1813.82	-5429.54	-83.91	193.60	2333.74
11267	2.00	18.62	-1.25	-936.44	-1799.07	-5431.58	-146.69	376.96	2314.55
11268	3.31	18.44	-1.25	-955.75	-1773.27	-5426.11	-206.70	556.77	2280.46
11269	4.61	18.19	-1.25	-982.31	-1737.22	-5412.62	-262.19	730.90	2231.29
11270	5.89	17.85	-1.25	-1014.42	-1691.49	-5391.36	-311.84	897.34	2167.77
11271	7.14	17.44	-1.25	-1050.08	-1636.86	-5362.80	-354.57	1054.22	2090.87
11272	8.35	16.95	-1.25	-1087.07	-1574.17	-5327.51	-389.58	1199.94	2001.71
11273	9.53	16.39	-1.25	-1123.02	-1504.20	-5285.98	-416.44	1333.13	1901.45
11274	10.66	15.75	-1.25	-1155.51	-1427.66	-5238.66	-435.11	1452.73	1791.20
11275	11.75	15.04	-1.25	-1181.08	-1343.75	-5186.48	-445.11	1558.60	1673.05
11276	16.60	9.55	-1.25	-469.91	-548.90	-3125.69	-615.54	1696.44	474.43
11277	15.99	10.62	-1.25	-980.86	-735.06	-4016.33	-476.07	1649.30	810.85
11278	15.33	11.65	-1.25	-1097.30	-911.02	-4501.43	-440.34	1719.12	1046.71
11279	15.60	9.47	-1.25	-376.22	-618.96	-2399.90	-527.31	1356.81	337.81
11280	15.18	10.40	-1.25	-651.77	-643.57	-2807.55	-554.71	1315.01	476.35
11281	14.72	11.30	-1.25	-839.88	-754.71	-3205.82	-519.89	1327.74	666.59
11282	14.60	9.40	-1.25	-316.12	-570.95	-2237.84	-442.97	1152.97	284.18
11283	14.37	10.19	-1.25	-474.09	-614.34	-2489.86	-495.00	1155.09	369.36
11284	14.12	10.96	-1.25	-629.47	-679.17	-2763.04	-506.34	1163.30	495.72
11285	12.76	14.28	-1.25	-1192.03	-1252.14	-5100.81	-447.37	1643.56	1544.71
11286	12.49	13.32	-1.25	-856.31	-980.28	-3437.82	-485.95	1189.30	917.26

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]
11287	12.20	12.37	-1.25	-636.14	-792.48	-2920.40	-446.96	1021.96	637.38
11288	13.69	13.47	-1.25	-1186.54	-1153.78	-4975.22	-445.11	1699.00	1400.24
11289	13.31	12.72	-1.25	-880.84	-921.92	-3419.36	-497.78	1254.30	859.60
11290	12.93	11.98	-1.25	-665.51	-767.29	-2908.32	-469.77	1080.92	609.81
11291	14.56	12.60	-1.25	-1167.88	-1048.02	-4822.29	-439.69	1733.20	1248.40
11292	14.10	12.08	-1.25	-894.29	-856.19	-3403.50	-506.50	1317.97	798.67
11293	13.64	11.56	-1.25	-690.54	-739.80	-2903.78	-491.71	1143.29	578.49
11294	-10.96	9.46	1.75	-341.24	-390.30	-2418.93	95.36	-825.64	468.69
11295	-11.94	9.42	1.75	-358.06	-386.76	-2435.31	84.39	-841.42	465.52
11296	-12.91	9.37	1.75	-358.46	-376.56	-2482.97	64.82	-846.76	459.51
11297	-11.13	10.38	1.75	-356.07	-415.75	-2636.23	92.63	-843.62	557.72
11298	-11.99	10.25	1.75	-363.13	-402.09	-2643.88	77.03	-854.87	539.74
11299	-12.83	10.10	1.75	-357.69	-383.64	-2670.82	55.29	-855.37	517.85
11300	-11.30	11.30	1.75	-364.51	-425.90	-2888.46	78.45	-854.46	643.68
11301	-12.02	11.07	1.75	-362.94	-406.04	-2875.14	61.27	-860.22	610.58
11302	-12.74	10.83	1.75	-352.10	-381.88	-2869.96	40.03	-855.48	573.49
11303	-0.53	9.82	1.75	36.86	-336.36	-2944.24	-12.86	-61.14	528.62
11304	-1.58	9.81	1.75	18.21	-338.87	-2914.47	7.67	-183.89	525.29
11305	-2.64	9.80	1.75	-9.71	-343.19	-2868.61	27.01	-300.65	520.45
11306	-3.69	9.78	1.75	-45.64	-349.09	-2809.46	44.88	-408.59	514.35
11307	-4.74	9.75	1.75	-87.80	-356.21	-2740.85	60.98	-505.50	507.34
11308	-5.79	9.72	1.75	-134.10	-364.07	-2667.38	74.96	-589.90	499.82
11309	-6.84	9.67	1.75	-182.20	-372.10	-2594.23	86.43	-661.14	492.22
11310	-7.88	9.63	1.75	-229.62	-379.63	-2526.92	94.93	-719.37	485.00
11311	-8.92	9.57	1.75	-273.80	-385.86	-2471.09	99.86	-765.41	478.53
11312	-9.96	9.51	1.75	-312.02	-389.79	-2432.44	100.32	-800.54	472.89
11313	-10.55	11.46	1.75	-16.31	-449.55	-3173.77	-12.33	-52.09	749.22
11314	-1.64	11.44	1.75	-34.06	-450.03	-3143.80	14.05	-180.90	742.41
11315	-2.73	11.40	1.75	-61.15	-450.25	-3097.69	38.42	-303.35	730.65
11316	-3.82	11.33	1.75	-96.06	-450.12	-3038.31	60.07	-416.40	714.63
11317	-4.90	11.25	1.75	-136.74	-449.47	-2969.54	78.38	-517.70	695.21
11318	-5.97	11.15	1.75	-180.76	-448.06	-2895.97	92.81	-605.71	673.37
11319	-7.04	11.02	1.75	-225.49	-445.53	-2822.59	102.93	-679.77	650.08
11320	-8.10	10.88	1.75	-268.22	-441.45	-2754.53	108.32	-739.97	626.17
11321	-9.15	10.72	1.75	-306.25	-435.32	-2696.79	108.62	-786.99	602.21
11322	-10.19	10.54	1.75	-336.69	-426.61	-2654.03	103.29	-821.73	578.31
11323	-0.57	13.10	1.75	-85.06	-557.66	-3441.93	-12.37	-41.43	968.32
11324	-1.70	13.07	1.75	-100.95	-555.60	-3412.69	17.69	-174.40	958.56
11325	-2.82	12.99	1.75	-125.55	-550.67	-3368.21	45.02	-301.08	940.80
11326	-3.94	12.89	1.75	-157.23	-543.04	-3311.08	68.56	-418.32	915.97
11327	-5.05	12.75	1.75	-193.77	-532.88	-3244.78	87.37	-523.66	885.23
11328	-6.16	12.58	1.75	-232.61	-520.32	-3173.33	100.76	-615.40	849.90
11329	-7.25	12.37	1.75	-270.93	-505.43	-3101.05	108.25	-692.64	811.20
11330	-8.32	12.13	1.75	-305.92	-488.18	-3032.18	109.55	-755.14	770.16
11331	-9.38	11.86	1.75	-334.82	-468.46	-2970.62	104.50	-803.04	727.40
11332	-10.41	11.56	1.75	-355.09	-446.51	-2919.60	93.33	-836.53	682.84
11333	-0.58	14.74	1.75	-168.82	-628.82	-3808.57	-13.32	-29.18	1192.86
11334	-1.75	14.69	1.75	-181.84	-624.17	-3779.69	16.43	-165.14	1180.23
11335	-2.91	14.59	1.75	-202.00	-613.87	-3736.26	43.08	-295.00	1156.35
11336	-4.07	14.45	1.75	-227.69	-598.51	-3680.33	65.17	-415.56	1122.25
11337	-5.21	14.25	1.75	-256.75	-578.67	-3614.56	81.59	-524.15	1079.21
11338	-6.34	14.01	1.75	-286.63	-555.00	-3542.00	91.56	-618.76	1028.66
11339	-7.45	13.72	1.75	-314.60	-528.15	-3465.78	94.66	-698.03	971.94
11340	-8.54	13.38	1.75	-337.93	-498.76	-3388.79	90.83	-761.10	910.24
11341	-9.61	13.01	1.75	-354.11	-467.38	-3313.38	80.33	-807.47	844.38
11342	-10.64	12.59	1.75	-361.08	-434.14	-3241.06	63.91	-836.84	774.96
11343	-0.60	16.38	1.75	-251.71	-574.45	-4316.03	-16.20	-13.60	1368.35
11344	-1.81	16.32	1.75	-260.68	-568.61	-4284.67	5.63	-148.12	1352.47
11345	-3.01	16.19	1.75	-273.98	-556.22	-4236.96	24.49	-276.78	1321.56
11346	-4.20	16.00	1.75	-290.28	-537.99	-4174.31	38.99	-396.17	1276.79
11347	-5.37	15.75	1.75	-307.81	-514.92	-4098.52	48.13	-503.37	1219.65
11348	-6.52	15.44	1.75	-324.50	-488.16	-4011.53	51.37	-596.07	1151.88
11349	-7.66	15.07	1.75	-338.22	-458.99	-3915.34	48.64	-672.54	1075.35
11350	-8.76	14.64	1.75	-346.97	-428.65	-3811.70	40.34	-731.62	991.95
11351	-9.83	14.15	1.75	-349.23	-398.27	-3701.99	27.31	-772.67	903.49
11352	-10.87	13.61	1.75	-344.01	-368.42	-3587.01	10.62	-795.56	811.59
11353	-0.62	18.02	1.75	-318.35	-428.26	-4877.96	-17.73	8.92	1365.08
11354	-1.87	17.94	1.75	-323.53	-424.79	-4840.77	-7.09	-112.57	1348.69
11355	-3.10	17.79	1.75	-330.36	-417.23	-4782.70	1.41	-228.97	1316.45
11356	-4.32	17.56	1.75	-338.08	-406.09	-4704.76	7.11	-337.35	1269.42
11357	-5.53	17.25	1.75	-345.65	-392.22	-4608.30	9.55	-435.15	1209.29
11358	-6.71	16.87	1.75	-351.95	-376.69	-4494.87	8.60	-520.33	1138.15
11359	-7.86	16.41	1.75	-355.91	-360.54	-4366.22	4.49	-591.48	1058.38
11360	-8.98	15.89	1.75	-356.65	-344.78	-4224.14	-2.21	-647.79	972.49
11361	-10.06	15.30	1.75	-353.55	-330.21	-4070.40	-10.74	-689.05	883.01
11362	-11.10	14.64	1.75	-346.55	-317.52	-3906.72	-20.23	-715.64	792.31
11363	-15.78	9.51	1.75	-253.54	-286.17	-2795.71	-43.41	-685.73	350.80
11364	-15.19	10.51	1.75	-272.67	-289.36	-2996.86	-45.01	-704.82	410.94
11365	-14.54	11.48	1.75	-293.15	-292.04	-3197.06	-44.54	-718.24	475.16
11366	-14.82	9.44	1.75	-279.18	-314.95	-2696.75	-15.03	-774.01	409.08
11367	-14.41	10.32	1.75	-283.28	-313.46	-2888.80	-24.22	-778.87	461.57
11368	-13.96	11.16	1.75	-288.99	-309.39	-3079.73	-32.39	-776.70	513.85
11369	-13.87	9.38	1.75	-334.25	-354.52	-2578.86	31.61	-832.95	446.50
11370	-13.64	10.13	1.75	-331.69	-356.09	-2760.63	21.25	-837.39	497.63
11371	-13.38	10.86	1.75	-327.56	-351.79	-2944.79	9.10	-834.10	546.77
11372	-12.07	13.93	1.75	-337.06	-307.66	-3736.83	-28.41	-729.39	705.83
11373	-11.79	13.06	1.75	-332.85	-343.79	-3470.85	-5.65	-802.48	726.56
11374	-11.51	12.19	1.75	-358.75	-404.94	-3177.81	45.89	-848.55	712.67
11375	-12.96	13.17	1.75	-325.24	-300.33	-3563.11	-35.20	-733.57	623.90
11376	-12.59	12.49	1.75	-318.95	-326.09	-3354.36	-18.88	-798.46	649.64
11377	-12.22	11.81	1.75	-349.48	-381.41	-3121.60	28.54	-848.37	657.12
11378	-13.79	12.36	1.75	-310.21	-295.42	-3385.45	-40.83	-728.97	546.39
11379	-13.35	11.89	1.75	-302.00	-311.08	-3234.42	-30.55	-784.64	574.90
11380	-12.91	11.42	1.75	-334.62	-359.46	-3065.64	11.08	-837.85	599.44
11381	-11.25	9.48	0.25	-414.05	-485.85	-2228.58	144.00	-773.95	410.29
11382	-12.25	9.43	0.25	-456.19	-499.38	-2264.35	145.28	-814.85	430.24
11383	-13.25	9.38	0.25	-490.18	-510.35	-2341.42	139.10	-859.81	456.66
11384	-11.42	10.43	0.25	-455.18	-545.40	-2446.15	154.11	-814.97	523.52
11385	-12.30	10.29	0.25	-486.02	-546.94	-2477.74	149.68	-854.07	531.78

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]
11386	-13.17	10.14	0.25	-508.85	-545.33	-2540.60	138.31	-893.47	543.22
11387	-11.60	11.38	0.25	-496.42	-601.22	-2711.87	155.80	-861.84	652.81
11388	-12.34	11.14	0.25	-514.02	-590.59	-2728.58	146.36	-895.54	644.50
11389	-13.08	10.89	0.25	-523.35	-575.15	-2765.04	130.37	-926.39	637.25
11390	-0.54	9.85	0.25	-0.72	-385.93	-2593.72	-10.39	-43.62	397.01
11391	-1.62	9.84	0.25	-18.38	-388.63	-2569.80	11.64	-150.56	395.53
11392	-2.70	9.83	0.25	-44.65	-393.49	-2534.17	32.68	-252.74	393.38
11393	-3.79	9.81	0.25	-78.65	-400.40	-2489.02	52.59	-348.00	390.82
11394	-4.86	9.78	0.25	-119.13	-409.19	-2437.34	71.21	-434.73	388.28
11395	-5.94	9.74	0.25	-164.65	-419.64	-2382.78	88.41	-511.94	386.27
11396	-7.01	9.70	0.25	-213.66	-431.49	-2329.50	104.01	-579.38	385.41
11397	-8.08	9.65	0.25	-264.62	-444.46	-2282.05	117.80	-637.60	386.44
11398	-9.15	9.59	0.25	-316.04	-458.20	-2245.31	129.50	-687.96	390.24
11399	-10.21	9.53	0.25	-366.49	-472.25	-2224.77	138.57	-732.67	397.74
11400	-0.56	11.55	0.25	-65.14	-519.16	-2825.30	-10.92	-36.17	606.62
11401	-1.68	11.53	0.25	-81.96	-520.31	-2800.75	17.43	-149.79	602.49
11402	-2.80	11.49	0.25	-107.70	-521.98	-2764.23	44.14	-258.42	595.06
11403	-3.92	11.42	0.25	-141.29	-524.17	-2718.00	68.75	-359.77	584.95
11404	-5.03	11.34	0.25	-181.27	-526.86	-2665.13	90.85	-452.15	573.02
11405	-6.13	11.23	0.25	-225.96	-529.96	-2609.31	110.13	-534.57	560.26
11406	-7.23	11.10	0.25	-273.55	-533.35	-2554.66	126.32	-606.87	547.77
11407	-8.31	10.95	0.25	-322.25	-536.84	-2505.63	139.22	-669.67	536.68
11408	-9.39	10.78	0.25	-370.31	-540.19	-2466.96	148.54	-724.31	528.02
11409	-10.45	10.60	0.25	-415.88	-543.05	-2443.87	153.75	-772.85	522.74
11410	-0.58	13.26	0.25	-150.79	-669.54	-3097.14	-11.58	-27.60	834.28
11411	-1.74	13.22	0.25	-165.99	-668.65	-3072.72	22.17	-147.42	827.99
11412	-2.90	13.15	0.25	-189.93	-666.09	-3036.78	53.69	-262.41	816.09
11413	-4.05	13.04	0.25	-221.47	-662.03	-2991.50	82.22	-370.24	799.44
11414	-5.19	12.89	0.25	-259.03	-656.65	-2939.72	107.07	-469.18	779.19
11415	-6.32	12.71	0.25	-300.73	-650.10	-2884.87	127.73	-558.26	756.62
11416	-7.44	12.50	0.25	-344.55	-642.44	-2830.81	143.78	-637.21	733.07
11417	-8.55	12.25	0.25	-388.45	-633.64	-2781.71	154.90	-706.50	709.82
11418	-9.63	11.97	0.25	-430.37	-623.52	-2741.95	160.77	-767.11	687.94
11419	-10.69	11.66	0.25	-468.10	-612.06	-2716.35	161.02	-820.16	667.77
11420	-0.60	14.96	0.25	-259.55	-824.50	-3448.42	-12.64	-17.96	1101.60
11421	-1.80	14.91	0.25	-272.28	-821.02	-3424.44	24.62	-145.16	1093.24
11422	-3.00	14.80	0.25	-293.08	-813.17	-3390.17	59.16	-267.81	1077.23
11423	-4.18	14.65	0.25	-320.68	-801.31	-3347.39	89.89	-383.69	1054.36
11424	-5.36	14.45	0.25	-353.44	-785.85	-3298.57	115.79	-491.06	1025.79
11425	-6.52	14.20	0.25	-389.34	-767.17	-3246.67	136.08	-588.75	992.80
11426	-7.66	13.90	0.25	-426.13	-745.61	-3195.04	150.14	-676.17	956.63
11427	-8.78	13.55	0.25	-461.36	-721.35	-3147.26	157.45	-753.19	918.33
11428	-9.87	13.16	0.25	-492.57	-694.40	-3107.01	157.55	-820.01	878.63
11429	-10.94	12.72	0.25	-517.41	-664.59	-3077.69	150.28	-876.79	837.86
11430	-0.62	16.66	0.25	-411.48	-948.72	-4081.82	-15.30	-7.56	1486.97
11431	-1.86	16.60	0.25	-420.57	-942.04	-4056.86	20.03	-147.43	1474.69
11432	-3.09	16.46	0.25	-435.37	-927.11	-4021.69	52.45	-282.86	1450.13
11433	-4.32	16.27	0.25	-454.87	-904.89	-3977.74	80.14	-411.12	1414.36
11434	-5.52	16.00	0.25	-477.31	-876.08	-3926.59	101.84	-530.03	1368.39
11435	-6.71	15.68	0.25	-500.52	-841.54	-3870.18	116.49	-637.79	1313.35
11436	-7.87	15.29	0.25	-522.03	-802.16	-3810.57	123.38	-732.92	1250.36
11437	-9.01	14.85	0.25	-539.15	-758.81	-3749.75	122.08	-814.19	1180.37
11438	-10.11	14.34	0.25	-548.79	-712.02	-3689.28	112.19	-880.24	1103.93
11439	-11.18	13.78	0.25	-548.76	-662.10	-3630.78	93.94	-930.46	1021.60
11440	-0.64	18.36	0.25	-514.62	-570.67	-5033.59	-25.98	16.29	1595.06
11441	-1.92	18.28	0.25	-516.24	-565.39	-4999.72	-20.48	-117.34	1577.84
11442	-3.19	18.12	0.25	-517.73	-554.98	-4948.88	-17.32	-245.80	1543.57
11443	-4.45	17.88	0.25	-518.19	-539.14	-4881.73	-17.18	-366.17	1492.90
11444	-5.69	17.56	0.25	-516.46	-518.87	-4799.23	-20.77	-475.73	1427.28
11445	-6.90	17.16	0.25	-511.19	-495.21	-4702.37	-28.49	-572.09	1348.42
11446	-8.09	16.69	0.25	-500.96	-469.30	-4592.20	-40.38	-653.26	1258.24
11447	-9.24	16.15	0.25	-484.38	-442.15	-4469.67	-56.10	-717.61	1158.77
11448	-10.35	15.53	0.25	-460.22	-414.92	-4335.59	-74.88	-763.91	1052.26
11449	-11.42	14.85	0.25	-426.32	-386.44	-4190.43	-97.16	-790.00	939.87
11450	-16.19	9.53	0.25	-249.29	-371.74	-3060.37	-90.29	-777.00	426.98
11451	-15.59	10.57	0.25	-257.53	-361.42	-3280.98	-114.88	-780.71	490.02
11452	-14.93	11.57	0.25	-268.29	-345.25	-3497.92	-139.17	-773.03	551.16
11453	-15.21	9.46	0.25	-472.82	-500.69	-2797.14	59.18	-952.41	528.15
11454	-14.79	10.37	0.25	-475.82	-514.61	-3027.39	43.66	-969.02	609.37
11455	-14.33	11.24	0.25	-473.10	-517.95	-3263.75	23.11	-971.57	688.06
11456	-14.23	9.39	0.25	-505.87	-515.45	-2499.23	117.35	-912.36	494.52
11457	-14.00	10.17	0.25	-514.96	-540.86	-2705.72	110.56	-940.30	575.68
11458	-13.74	10.92	0.25	-519.49	-559.82	-2930.01	97.99	-961.40	660.11
11459	-12.40	14.11	0.25	-385.91	-362.07	-4033.71	-118.48	-798.38	830.17
11460	-12.11	13.21	0.25	-539.48	-616.64	-3566.65	72.24	-962.06	940.19
11461	-11.83	12.30	0.25	-531.34	-636.63	-3057.89	137.87	-916.92	800.52
11462	-13.31	13.33	0.25	-345.30	-347.36	-3866.58	-133.04	-796.72	726.14
11463	-12.93	12.62	0.25	-519.80	-577.27	-3495.13	49.78	-974.94	858.90
11464	-12.55	11.92	0.25	-533.47	-610.57	-3046.01	121.91	-943.87	764.21
11465	-14.17	12.49	0.25	-300.29	-335.45	-3692.15	-146.05	-781.43	625.67
11466	-13.71	11.99	0.25	-488.89	-536.52	-3421.33	24.66	-972.48	773.40
11467	-13.26	11.51	0.25	-526.65	-583.14	-3045.01	101.21	-962.37	723.96
11468	-11.53	9.49	-1.25	-452.14	-528.35	-2026.65	185.72	-668.91	292.72
11469	-12.56	9.45	-1.25	-524.70	-564.37	-2059.60	204.71	-710.15	318.22
11470	-13.58	9.40	-1.25	-609.02	-608.34	-2127.13	225.37	-762.47	355.63
11471	-11.72	10.48	-1.25	-522.99	-623.45	-2221.57	215.43	-710.08	400.64
11472	-12.61	10.34	-1.25	-588.83	-651.02	-2249.49	232.41	-753.28	419.13
11473	-13.51	10.18	-1.25	-662.19	-684.82	-2305.30	249.63	-804.28	447.72
11474	-11.90	11.47	-1.25	-609.59	-739.29	-2455.83	249.68	-762.80	532.19
11475	-12.66	11.22	-1.25	-664.79	-753.19	-2471.39	262.59	-806.21	538.72
11476	-13.42	10.96	-1.25	-725.48	-772.61	-2506.70	276.07	-856.78	556.50
11477	-0.55	9.88	-1.25	-6.84	-381.94	-2293.12	-5.82	-28.28	259.46
11478	-1.66	9.87	-1.25	-23.39	-384.65	-2273.94	16.23	-120.38	259.29
11479	-2.77	9.86	-1.25	-48.03	-389.90	-2246.20	37.54	-208.47	258.60
11480	-3.88	9.84	-1.25	-80.09	-397.69	-2211.61	58.09	-290.81	257.71
11481	-4.99	9.81	-1.25	-118.75	-407.97	-2172.54	77.85	-366.07	257.01
11482	-6.09	9.77	-1.25	-163.14	-420.75	-2131.78	96.86	-433.41	256.96
11483	-7.19	9.72	-1.25	-212.41	-436.07	-2092.51	115.19	-492.62	258.15
11484	-8.29	9.67	-1.25	-265.93	-454.10	-2058.19	133.00	-544.14	261.28

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]
11485	-9.38	9.62	-1.25	-323.45	-475.17	-2032.57	150.50	-589.20	267.25
11486	-10.47	9.55	-1.25	-385.33	-499.74	-2019.84	168.05	-629.92	277.23
11487	-0.58	11.65	-1.25	-76.70	-525.23	-2520.99	-7.47	-22.12	445.20
11488	-1.73	11.62	-1.25	-92.47	-526.97	-2500.50	21.29	-120.22	442.77
11489	-2.88	11.58	-1.25	-116.88	-530.00	-2470.99	48.87	-214.14	437.62
11490	-4.02	11.51	-1.25	-149.16	-534.46	-2434.21	74.95	-301.97	430.41
11491	-5.16	11.42	-1.25	-188.37	-540.48	-2392.46	99.38	-382.30	421.84
11492	-6.29	11.31	-1.25	-233.49	-548.22	-2348.54	122.10	-454.33	412.79
11493	-7.42	11.17	-1.25	-283.56	-557.88	-2305.62	143.19	-517.94	404.25
11494	-8.53	11.02	-1.25	-337.87	-569.77	-2267.12	162.85	-573.72	397.36
11495	-9.63	10.85	-1.25	-396.06	-584.35	-2236.74	181.36	-623.01	393.29
11496	-10.72	10.65	-1.25	-458.38	-602.16	-2218.67	199.01	-668.19	393.48
11497	-0.60	13.41	-1.25	-170.81	-705.43	-2777.04	-8.89	-15.04	648.74
11498	-1.79	13.37	-1.25	-185.19	-705.79	-2755.95	26.95	-118.72	644.56
11499	-2.98	13.30	-1.25	-208.59	-705.92	-2725.94	61.23	-218.35	635.71
11500	-4.16	13.18	-1.25	-240.26	-706.07	-2688.58	93.42	-311.97	623.06
11501	-5.33	13.03	-1.25	-279.19	-706.54	-2646.01	123.18	-398.24	607.64
11502	-6.49	12.85	-1.25	-324.29	-707.70	-2600.86	150.33	-476.42	590.65
11503	-7.64	12.62	-1.25	-374.57	-709.98	-2556.13	174.91	-546.44	573.45
11504	-8.77	12.37	-1.25	-429.26	-713.83	-2515.13	197.10	-608.96	557.51
11505	-9.88	12.08	-1.25	-487.95	-719.87	-2481.53	217.25	-665.35	544.39
11506	-10.97	11.75	-1.25	-550.42	-728.69	-2459.60	235.45	-717.50	535.29
11507	-0.62	15.18	-1.25	-301.19	-942.04	-3115.58	-10.17	-7.04	896.26
11508	-1.85	15.12	-1.25	-313.76	-940.73	-3094.18	33.73	-117.83	890.57
11509	-3.08	15.02	-1.25	-335.60	-937.25	-3063.71	75.74	-224.91	878.61
11510	-4.30	14.86	-1.25	-365.96	-931.95	-3025.77	115.18	-326.47	861.38
11511	-5.50	14.65	-1.25	-403.88	-925.33	-2982.28	151.46	-421.27	840.06
11512	-6.69	14.38	-1.25	-448.27	-917.92	-2935.67	184.24	-508.64	816.09
11513	-7.87	14.07	-1.25	-498.09	-910.30	-2888.82	213.39	-588.57	791.03
11514	-9.01	13.71	-1.25	-552.43	-903.06	-2845.08	238.90	-661.77	766.60
11515	-10.13	13.31	-1.25	-610.75	-896.78	-2808.24	260.95	-729.63	744.60
11516	-11.23	12.86	-1.25	-672.80	-892.64	-2782.69	279.77	-793.90	726.90
11517	-0.64	16.94	-1.25	-477.87	-1293.34	-3517.71	-10.86	1.89	1250.42
11518	-1.91	16.87	-1.25	-488.41	-1288.58	-3496.67	44.59	-121.42	1243.06
11519	-3.18	16.74	-1.25	-508.74	-1278.42	-3469.52	97.78	-241.48	1228.79
11520	-4.44	16.53	-1.25	-538.19	-1263.52	-3436.87	147.46	-356.99	1208.16
11521	-5.68	16.26	-1.25	-575.69	-1244.46	-3400.60	192.73	-466.91	1182.29
11522	-6.90	15.92	-1.25	-620.02	-1221.99	-3363.07	232.83	-570.68	1152.48
11523	-8.09	15.52	-1.25	-669.91	-1196.89	-3327.18	267.21	-668.25	1120.14
11524	-9.25	15.06	-1.25	-724.03	-1169.97	-3296.47	295.46	-760.11	1086.70
11525	-10.39	14.54	-1.25	-780.98	-1141.94	-3275.46	317.17	-847.53	1053.79
11526	-11.48	13.96	-1.25	-839.92	-1113.69	-3267.68	332.35	-931.75	1022.45
11527	-0.66	18.71	-1.25	-922.92	-1816.56	-5415.44	-20.75	9.39	2336.62
11528	-1.98	18.62	-1.25	-927.98	-1807.06	-5387.98	40.52	-171.62	2320.60
11529	-3.28	18.46	-1.25	-941.08	-1786.78	-5350.47	98.90	-348.51	2288.01
11530	-4.58	18.21	-1.25	-961.28	-1756.18	-5304.11	152.76	-519.01	2240.19
11531	-5.85	17.87	-1.25	-987.35	-1716.40	-5250.07	200.57	-681.14	2178.36
11532	-7.10	17.46	-1.25	-1017.73	-1668.79	-5189.75	241.12	-833.24	2104.01
11533	-8.32	16.97	-1.25	-1050.68	-1614.82	-5124.77	273.52	-973.98	2018.77
11534	-9.50	16.41	-1.25	-1084.30	-1556.02	-5056.92	297.24	-1102.43	1924.40
11535	-10.64	15.77	-1.25	-1116.78	-1494.00	-4988.41	312.13	-1218.08	1822.61
11536	-11.73	15.06	-1.25	-1145.49	-1429.07	-4922.69	317.69	-1321.51	1716.20
11537	-16.59	9.55	-1.25	-1045.14	-947.71	-3696.59	251.50	-1416.03	848.73
11538	-15.99	10.62	-1.25	-1097.67	-1042.88	-4028.05	266.33	-1476.48	1011.77
11539	-15.32	11.66	-1.25	-1145.39	-1143.29	-4374.50	278.59	-1521.97	1188.65
11540	-15.59	9.48	-1.25	-862.66	-766.66	-2574.72	277.65	-1004.59	549.64
11541	-15.17	10.41	-1.25	-911.07	-855.50	-2826.99	299.67	-1062.27	673.28
11542	-14.70	11.32	-1.25	-958.22	-951.08	-3113.11	318.53	-1122.00	815.27
11543	-14.59	9.41	-1.25	-719.75	-673.25	-2272.68	251.43	-849.26	424.22
11544	-14.35	10.21	-1.25	-767.20	-749.12	-2463.39	274.13	-895.51	521.55
11545	-14.09	10.99	-1.25	-816.04	-832.96	-2679.00	295.72	-943.99	634.16
11546	-12.74	14.29	-1.25	-1163.58	-1361.87	-4835.88	314.88	-1407.52	1603.34
11547	-12.44	13.36	-1.25	-891.40	-1084.71	-3257.98	339.81	-1002.44	988.65
11548	-12.14	12.42	-1.25	-728.68	-889.80	-2768.38	293.07	-848.17	714.24
11549	-13.67	13.48	-1.25	-1171.17	-1294.13	-4726.14	306.27	-1469.11	1479.31
11550	-13.27	12.75	-1.25	-930.20	-1052.19	-3248.76	339.14	-1061.84	949.44
11551	-12.88	12.02	-1.25	-774.44	-884.55	-2765.38	300.98	-895.90	703.28
11552	-14.55	12.61	-1.25	-1171.93	-1227.50	-4611.81	292.00	-1516.07	1354.15
11553	-14.07	12.10	-1.25	-964.02	-1020.09	-3257.13	332.32	-1120.81	913.07
11554	-13.60	11.60	-1.25	-819.95	-878.93	-2780.29	304.53	-945.59	694.03
11555	0.58	-2.50	1.75	60.75	-98.77	-656.31	-11.52	-43.13	-522.58
11556	0.58	-3.10	1.75	53.42	-100.85	-528.68	-12.28	-48.09	-517.87
11557	1.75	-2.50	1.75	68.67	-98.15	-662.36	0.50	-0.96	-513.86
11558	1.74	-3.10	1.75	61.59	-100.10	-535.47	-0.54	-12.22	-509.75
11559	2.92	-2.50	1.75	73.10	-97.13	-662.68	10.53	41.59	-495.67
11560	2.91	-3.10	1.75	66.78	-98.73	-537.82	9.34	24.30	-492.44
11561	4.09	-2.50	1.75	73.67	-95.99	-656.49	17.43	83.44	-468.77
11562	4.07	-3.10	1.75	68.58	-97.03	-534.80	16.30	60.60	-466.67
11563	5.26	-2.50	1.75	70.26	-95.06	-643.31	20.15	123.21	-434.32
11564	5.23	-3.10	1.75	66.72	-95.39	-525.71	19.33	95.48	-433.52
11565	6.43	-2.50	1.75	63.12	-94.80	-623.21	17.75	159.33	-393.82
11566	6.39	-3.10	1.75	61.34	-94.34	-510.29	17.57	127.51	-394.37
11567	7.59	-2.50	1.75	53.02	-95.76	-596.86	9.45	190.23	-348.98
11568	7.56	-3.10	1.75	53.00	-94.50	-488.85	10.28	155.21	-350.84
11569	8.76	-2.50	1.75	41.26	-98.53	-565.62	-5.48	214.62	-301.73
11570	8.72	-3.10	1.75	42.84	-96.61	-462.29	-3.20	177.25	-304.74
11571	9.93	-2.50	1.75	29.69	-103.68	-531.40	-27.81	231.70	-254.11
11572	9.88	-3.10	1.75	32.54	-101.44	-432.10	-23.55	192.76	-258.02
11573	11.10	-2.50	1.75	20.60	-111.59	-496.49	-58.46	241.45	-208.41
11574	11.05	-3.10	1.75	24.25	-109.61	-400.11	-51.66	201.53	-212.82
11575	12.27	-2.50	1.75	16.44	-122.12	-463.27	-98.64	244.84	-167.38
11576	12.21	-3.10	1.75	20.30	-121.18	-368.27	-88.78	204.34	-171.79
11577	13.44	-2.50	1.75	19.66	-134.31	-433.70	-149.38	243.99	-135.11
11578	13.37	-3.10	1.75	22.48	-134.93	-338.08	-136.22	203.09	-138.94
11579	14.60	-2.50	1.75	33.36	-147.04	-408.50	-209.98	242.01	-118.85
11580	14.53	-3.10	1.75	31.21	-147.95	-309.82	-193.00	200.64	-121.68
11581	15.77	-2.50	1.75	61.47	-156.20	-384.21	-274.18	241.39	-134.43
11582	15.70	-3.10	1.75	44.97	-157.79	-281.09	-254.15	198.89	-135.57
11583	16.94	-2.50	1.75	134.69	-197.30	-362.80	-310.02	228.35	-218.61

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]
11584	16.86	-3.10	1.75	56.41	-154.06	-246.00	-277.41	191.09	-221.95
11585	18.11	-2.50	1.75	342.31	-85.72	-315.19	-281.14	238.93	-380.80
11586	18.02	-3.10	1.75	-0.21	-185.18	-256.73	-233.70	113.59	-344.17
11587	0.60	-2.50	0.25	71.82	-69.90	-608.19	-6.06	-29.59	-507.59
11588	0.59	-3.10	0.25	66.18	-68.86	-500.22	-6.64	-34.22	-504.90
11589	1.79	-2.50	0.25	79.06	-69.76	-612.60	1.90	9.17	-500.49
11590	1.78	-3.10	0.25	73.58	-68.59	-505.11	1.25	-0.81	-498.23
11591	2.98	-2.50	0.25	82.73	-69.72	-611.87	8.29	47.69	-485.47
11592	2.97	-3.10	0.25	77.82	-68.22	-505.80	7.67	32.55	-483.85
11593	4.17	-2.50	0.25	82.74	-69.97	-605.58	12.22	84.92	-463.19
11594	4.15	-3.10	0.25	78.75	-67.95	-501.78	11.77	64.98	-462.38
11595	5.36	-2.50	0.25	79.20	-70.77	-593.65	12.89	119.68	-434.60
11596	5.34	-3.10	0.25	76.38	-68.11	-492.75	12.80	95.41	-434.70
11597	6.56	-2.50	0.25	72.52	-72.47	-576.37	9.60	150.71	-400.94
11598	6.53	-3.10	0.25	71.01	-69.10	-478.76	10.09	122.68	-401.98
11599	7.75	-2.50	0.25	63.47	-75.50	-554.49	1.79	176.88	-363.63
11600	7.71	-3.10	0.25	63.26	-71.44	-460.27	3.14	145.66	-365.55
11601	8.94	-2.50	0.25	53.19	-80.32	-529.15	-11.03	197.31	-324.28
11602	8.90	-3.10	0.25	54.12	-75.72	-438.13	-8.48	163.42	-326.92
11603	10.13	-2.50	0.25	43.11	-87.43	-501.81	-29.31	211.62	-284.65
11604	10.08	-3.10	0.25	44.93	-82.61	-413.48	-25.15	175.44	-287.75
11605	11.32	-2.50	0.25	34.78	-97.19	-474.01	-53.45	220.09	-246.77
11606	11.27	-3.10	0.25	37.19	-92.70	-387.60	-47.24	181.75	-249.93
11607	12.52	-2.50	0.25	29.53	-109.67	-447.01	-83.65	223.74	-213.13
11608	12.46	-3.10	0.25	32.16	-106.23	-361.54	-75.00	183.06	-215.86
11609	13.71	-2.50	0.25	27.99	-124.65	-421.48	-118.97	224.23	-187.12
11610	13.64	-3.10	0.25	30.13	-122.68	-335.85	-107.67	180.49	-188.88
11611	14.90	-2.50	0.25	30.93	-142.76	-397.32	-154.57	223.10	-173.44
11612	14.83	-3.10	0.25	29.71	-141.09	-310.58	-140.01	174.62	-173.84
11613	16.09	-2.50	0.25	42.11	-166.43	-376.19	-174.70	219.39	-177.32
11614	16.02	-3.10	0.25	28.79	-162.28	-288.11	-156.71	162.69	-176.40
11615	17.28	-2.50	0.25	104.64	-236.71	-379.56	-132.87	220.16	-192.10
11616	17.20	-3.10	0.25	25.73	-185.80	-285.23	-95.30	134.82	-187.27
11617	18.48	-2.50	0.25	312.08	-120.63	-332.58	6.30	280.83	-158.40
11618	18.39	-3.10	0.25	-23.04	-235.49	-390.04	62.27	55.38	-132.40
11619	0.61	-2.50	-1.25	87.00	-39.20	-562.71	1.34	-17.34	-503.29
11620	0.61	-3.10	-1.25	82.24	-36.75	-471.26	0.85	-21.64	-501.53
11621	1.82	-2.50	-1.25	93.65	-39.39	-566.33	6.72	17.51	-497.45
11622	1.82	-3.10	-1.25	88.97	-36.80	-475.15	6.29	8.63	-496.02
11623	3.04	-2.50	-1.25	96.79	-40.02	-565.54	10.94	51.82	-484.93
11624	3.03	-3.10	-1.25	92.53	-37.11	-475.32	10.65	38.50	-483.97
11625	4.25	-2.50	-1.25	96.49	-41.22	-560.16	13.32	84.62	-466.26
11626	4.24	-3.10	-1.25	92.94	-37.83	-471.50	13.26	67.10	-465.87
11627	5.47	-2.50	-1.25	93.01	-43.16	-550.30	13.28	114.89	-442.19
11628	5.45	-3.10	-1.25	90.37	-39.19	-463.65	13.56	93.50	-442.46
11629	6.69	-2.50	-1.25	86.82	-46.10	-536.34	10.33	141.60	-413.72
11630	6.66	-3.10	-1.25	85.19	-41.48	-451.98	11.10	116.71	-414.66
11631	7.90	-2.50	-1.25	78.64	-50.33	-519.01	4.10	163.87	-381.98
11632	7.87	-3.10	-1.25	78.04	-45.08	-437.01	5.54	135.85	-383.54
11633	9.12	-2.50	-1.25	69.40	-56.21	-499.24	-5.70	181.05	-348.24
11634	9.08	-3.10	-1.25	69.77	-50.46	-419.49	-3.34	150.18	-350.30
11635	10.33	-2.50	-1.25	60.19	-64.11	-478.13	-19.23	192.88	-313.89
11636	10.29	-3.10	-1.25	61.45	-58.13	-400.35	-15.69	159.30	-316.22
11637	11.55	-2.50	-1.25	52.03	-74.39	-456.71	-36.55	199.50	-280.42
11638	11.50	-3.10	-1.25	54.17	-68.61	-380.54	-31.53	163.14	-282.74
11639	12.76	-2.50	-1.25	45.59	-87.24	-435.74	-57.40	201.38	-249.50
11640	12.71	-3.10	-1.25	48.81	-82.23	-360.85	-50.62	161.91	-251.42
11641	13.98	-2.50	-1.25	41.03	-102.82	-415.80	-80.49	198.94	-222.73
11642	13.92	-3.10	-1.25	45.71	-99.03	-342.00	-71.78	155.73	-223.88
11643	15.20	-2.50	-1.25	38.93	-122.17	-398.14	-102.05	192.14	-200.53
11644	15.13	-3.10	-1.25	44.90	-118.77	-325.51	-90.86	143.91	-200.73
11645	16.41	-2.50	-1.25	44.24	-147.67	-387.49	-112.72	182.48	-177.84
11646	16.34	-3.10	-1.25	47.84	-141.84	-316.75	-98.18	125.15	-176.93
11647	17.63	-2.50	-1.25	78.20	-194.76	-388.74	-99.25	189.33	-132.86
11648	17.55	-3.10	-1.25	58.96	-165.72	-327.76	-69.96	103.13	-128.23
11649	18.84	-2.50	-1.25	179.87	-148.58	-377.91	-64.48	249.57	-34.81
11650	18.76	-3.10	-1.25	61.34	-171.03	-384.77	-14.86	77.82	-47.15
11651	-18.11	-2.50	1.75	-84.49	-133.30	-752.14	28.30	-246.16	21.89
11652	-18.02	-3.10	1.75	-78.66	-121.73	-658.90	30.07	-221.09	20.54
11653	-16.94	-2.50	1.75	-128.30	-127.17	-660.16	32.14	-307.35	1.63
11654	-16.86	-3.10	1.75	-119.46	-114.61	-571.54	32.49	-277.98	-1.22
11655	-15.77	-2.50	1.75	-165.93	-119.82	-576.71	26.24	-336.38	-27.95
11656	-15.70	-3.10	1.75	-154.10	-107.08	-492.88	25.53	-305.18	-31.53
11657	-14.60	-2.50	1.75	-176.29	-111.09	-517.58	14.54	-343.45	-63.12
11658	-14.53	-3.10	1.75	-163.41	-98.99	-436.51	13.36	-311.72	-66.81
11659	-13.44	-2.50	1.75	-170.81	-103.76	-485.20	-0.16	-343.55	-102.76
11660	-13.37	-3.10	1.75	-158.00	-92.69	-404.50	-1.36	-311.44	-106.27
11661	-12.27	-2.50	1.75	-156.05	-98.18	-472.39	-15.78	-339.52	-146.11
11662	-12.21	-3.10	1.75	-144.07	-88.40	-390.15	-16.75	-307.11	-149.22
11663	-11.10	-2.50	1.75	-135.93	-94.38	-473.70	-30.74	-331.63	-192.43
11664	-11.05	-3.10	1.75	-125.35	-86.06	-388.35	-31.35	-299.15	-194.91
11665	-9.93	-2.50	1.75	-112.88	-92.20	-484.81	-43.79	-319.54	-240.74
11666	-9.88	-3.10	1.75	-104.15	-85.42	-395.11	-43.97	-287.44	-242.38
11667	-8.76	-2.50	1.75	-88.56	-91.41	-502.34	-53.93	-303.00	-289.77
11668	-8.72	-3.10	1.75	-82.03	-86.19	-407.40	-53.72	-271.92	-290.41
11669	-7.59	-2.50	1.75	-64.19	-91.70	-523.65	-60.47	-282.02	-338.04
11670	-7.56	-3.10	1.75	-60.07	-88.01	-422.95	-59.96	-252.76	-337.56
11671	-6.43	-2.50	1.75	-40.64	-92.76	-546.69	-63.04	-256.85	-383.89
11672	-6.39	-3.10	1.75	-39.00	-90.49	-440.05	-62.35	-230.29	-382.27
11673	-5.26	-2.50	1.75	-18.51	-94.25	-569.90	-61.57	-227.94	-425.62
11674	-5.23	-3.10	1.75	-19.29	-93.26	-457.55	-60.84	-204.98	-422.90
11675	-4.09	-2.50	1.75	1.79	-95.86	-592.15	-56.30	-195.77	-461.57
11676	-4.07	-3.10	1.75	-1.16	-95.95	-474.64	-55.70	-177.27	-457.90
11677	-2.92	-2.50	1.75	20.05	-97.29	-612.62	-47.79	-160.83	-490.27
11678	-2.91	-3.10	1.75	15.27	-98.25	-490.80	-47.44	-147.51	-485.87
11679	-1.75	-2.50	1.75	36.11	-98.34	-630.61	-36.81	-123.50	-510.52
11680	-1.74	-3.10	1.75	29.95	-99.92	-505.56	-36.81	-115.96	-505.68
11681	-0.58	-2.50	1.75	49.77	-98.85	-645.43	-24.35	-84.15	-521.44
11682	-0.58	-3.10	1.75	42.74	-100.81	-518.42	-24.73	-82.77	-516.49

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]
11683	-18.48	-2.50	0.25	-103.43	-172.19	-901.27	43.50	-312.45	13.41
11684	-18.39	-3.10	0.25	-96.52	-156.53	-803.19	45.82	-282.63	11.00
11685	-17.28	-2.50	0.25	-226.00	-161.10	-727.56	53.46	-373.91	-23.68
11686	-17.20	-3.10	0.25	-210.21	-144.33	-641.01	52.47	-339.65	-27.58
11687	-16.09	-2.50	0.25	-237.54	-137.41	-588.49	48.09	-349.41	-62.85
11688	-16.02	-3.10	0.25	-221.18	-121.70	-510.58	46.05	-317.73	-66.51
11689	-14.90	-2.50	0.25	-223.60	-119.84	-516.43	37.00	-331.61	-101.94
11690	-14.83	-3.10	0.25	-208.12	-105.32	-441.89	34.68	-301.43	-105.25
11691	-13.71	-2.50	0.25	-200.44	-106.05	-476.92	23.39	-319.29	-141.62
11692	-13.64	-3.10	0.25	-186.33	-92.85	-403.32	21.15	-289.93	-144.59
11693	-12.52	-2.50	0.25	-173.63	-95.36	-458.66	9.12	-309.33	-182.42
11694	-12.46	-3.10	0.25	-161.13	-83.56	-384.28	7.13	-280.47	-185.02
11695	-11.32	-2.50	0.25	-145.28	-87.21	-454.83	-4.54	-298.99	-224.37
11696	-11.27	-3.10	0.25	-134.58	-76.84	-378.39	-6.17	-270.62	-226.50
11697	-10.13	-2.50	0.25	-116.50	-81.14	-461.07	-16.62	-286.51	-267.01
11698	-10.08	-3.10	0.25	-107.78	-72.23	-381.57	-17.86	-258.88	-268.57
11699	-8.94	-2.50	0.25	-88.04	-76.79	-474.15	-26.36	-270.87	-309.57
11700	-8.90	-3.10	0.25	-81.45	-69.31	-390.88	-27.23	-244.42	-310.46
11701	-7.75	-2.50	0.25	-60.55	-73.85	-491.57	-33.26	-251.58	-350.99
11702	-7.71	-3.10	0.25	-56.15	-67.74	-404.07	-33.81	-226.90	-351.12
11703	-6.56	-2.50	0.25	-34.53	-71.99	-511.33	-37.00	-228.56	-390.03
11704	-6.53	-3.10	0.25	-32.34	-67.15	-419.45	-37.31	-206.33	-389.39
11705	-5.36	-2.50	0.25	-10.43	-70.94	-531.84	-37.54	-201.97	-425.39
11706	-5.34	-3.10	0.25	-10.33	-67.22	-435.68	-37.71	-182.90	-424.00
11707	-4.17	-2.50	0.25	11.44	-70.42	-551.83	-35.06	-172.17	-455.77
11708	-4.15	-3.10	0.25	9.65	-67.66	-451.76	-35.19	-156.91	-453.74
11709	-2.98	-2.50	0.25	30.80	-70.20	-570.27	-29.97	-139.55	-480.01
11710	-2.97	-3.10	0.25	27.44	-68.20	-466.91	-30.16	-128.71	-477.48
11711	-1.79	-2.50	0.25	47.46	-70.11	-586.32	-22.91	-104.58	-497.14
11712	-1.78	-3.10	0.25	42.90	-68.66	-480.46	-23.21	-98.63	-494.32
11713	-0.60	-2.50	0.25	61.21	-70.03	-599.20	-14.64	-67.74	-506.46
11714	-0.59	-3.10	0.25	55.88	-68.90	-491.78	-15.09	-67.00	-503.58
11715	-18.84	-2.50	-1.25	-457.43	-266.01	-1140.80	88.14	-557.70	17.85
11716	-18.76	-3.10	-1.25	-427.13	-239.57	-1033.14	85.04	-511.42	10.50
11717	-17.63	-2.50	-1.25	-376.12	-177.91	-692.26	76.49	-366.89	-55.83
11718	-17.55	-3.10	-1.25	-350.89	-157.85	-616.57	72.85	-334.71	-59.66
11719	-16.41	-2.50	-1.25	-308.17	-141.37	-574.29	65.30	-311.50	-103.49
11720	-16.34	-3.10	-1.25	-287.75	-123.93	-504.18	61.81	-283.37	-106.37
11721	-15.20	-2.50	-1.25	-256.32	-116.07	-505.03	52.38	-286.94	-144.24
11722	-15.13	-3.10	-1.25	-239.26	-100.66	-437.72	49.12	-260.60	-146.60
11723	-13.98	-2.50	-1.25	-213.39	-97.56	-466.21	38.94	-274.25	-182.71
11724	-13.92	-3.10	-1.25	-198.96	-83.83	-399.70	35.97	-248.78	-184.75
11725	-12.76	-2.50	-1.25	-175.40	-83.30	-445.86	25.76	-265.43	-220.61
11726	-12.71	-3.10	-1.25	-163.21	-71.09	-378.92	23.12	-240.53	-222.36
11727	-11.55	-2.50	-1.25	-140.40	-72.12	-438.56	13.47	-256.84	-258.49
11728	-11.50	-3.10	-1.25	-130.30	-61.35	-370.24	11.18	-232.50	-259.92
11729	-10.33	-2.50	-1.25	-107.52	-63.34	-440.70	2.65	-246.49	-296.26
11730	-10.29	-3.10	-1.25	-99.46	-53.95	-370.26	0.73	-222.93	-297.31
11731	-9.12	-2.50	-1.25	-76.44	-56.50	-449.58	-6.21	-233.30	-333.45
11732	-9.08	-3.10	-1.25	-70.41	-48.42	-376.47	-7.79	-210.89	-334.05
11733	-7.90	-2.50	-1.25	-47.21	-51.24	-463.01	-12.78	-216.74	-369.28
11734	-7.87	-3.10	-1.25	-43.19	-44.39	-386.86	-14.04	-195.96	-369.38
11735	-6.69	-2.50	-1.25	-20.01	-47.29	-479.17	-16.84	-196.65	-402.81
11736	-6.66	-3.10	-1.25	-17.95	-41.56	-399.82	-17.83	-178.04	-402.39
11737	-5.47	-2.50	-1.25	4.90	-44.38	-496.52	-18.36	-173.13	-433.03
11738	-5.45	-3.10	-1.25	5.14	-39.64	-414.03	-19.15	-157.25	-432.11
11739	-4.25	-2.50	-1.25	27.27	-42.30	-513.77	-17.48	-146.45	-458.93
11740	-4.24	-3.10	-1.25	25.88	-38.39	-428.38	-18.14	-133.85	-457.57
11741	-3.04	-2.50	-1.25	46.86	-40.86	-529.86	-14.53	-117.01	-479.57
11742	-3.03	-3.10	-1.25	44.11	-37.61	-442.00	-15.11	-108.17	-477.88
11743	-1.82	-2.50	-1.25	63.47	-39.92	-543.88	-10.00	-85.30	-494.17
11744	-1.82	-3.10	-1.25	59.68	-37.14	-454.12	-10.54	-80.61	-492.30
11745	-0.61	-2.50	-1.25	76.90	-39.38	-555.05	-4.48	-51.86	-502.18
11746	-0.61	-3.10	-1.25	72.44	-36.87	-464.07	-4.99	-51.60	-500.28
11747	0.58	-3.95	1.75	43.34	-101.58	-352.37	-13.61	-54.69	-501.92
11748	0.57	-5.05	1.75	30.89	-98.83	-131.59	-15.70	-62.66	-467.52
11749	0.56	-6.15	1.75	19.76	-90.49	78.07	-18.11	-69.81	-418.91
11750	0.54	-7.25	1.75	10.48	-75.89	275.59	-20.74	-76.13	-358.33
11751	1.73	-3.95	1.75	51.74	-100.71	-359.78	-2.63	-27.42	-494.71
11752	1.70	-5.05	1.75	39.45	-97.88	-139.44	-6.18	-45.92	-461.61
11753	1.67	-6.15	1.75	28.34	-89.57	70.01	-10.51	-62.63	-414.40
11754	1.63	-7.25	1.75	18.96	-75.13	267.54	-15.36	-77.37	-355.32
11755	2.88	-3.95	1.75	57.86	-98.95	-364.46	6.72	0.81	-478.89
11756	2.84	-5.06	1.75	46.56	-95.73	-146.52	2.01	-27.93	-447.98
11757	2.78	-6.16	1.75	36.18	-87.25	61.11	-3.95	-54.00	-403.21
11758	2.72	-7.25	1.75	27.29	-72.90	257.43	-10.75	-77.05	-346.73
11759	4.03	-3.95	1.75	61.18	-96.59	-365.30	13.47	29.40	-455.08
11760	3.97	-5.06	1.75	51.58	-92.71	-151.58	8.03	-8.96	-427.14
11761	3.90	-6.16	1.75	42.58	-83.86	52.72	0.89	-43.92	-385.72
11762	3.81	-7.25	1.75	34.74	-69.49	246.66	-7.45	-74.99	-332.83
11763	5.18	-3.95	1.75	61.30	-94.08	-361.32	16.71	57.40	-424.24
11764	5.11	-5.06	1.75	53.96	-89.27	-153.33	11.12	10.34	-399.86
11765	5.01	-6.16	1.75	46.81	-79.84	46.31	3.37	-32.81	-362.53
11766	4.89	-7.25	1.75	40.50	-65.34	236.76	-5.96	-71.38	-314.02
11767	6.34	-3.96	1.75	58.13	-92.00	-351.87	15.68	83.57	-387.57
11768	6.24	-5.06	1.75	53.30	-86.03	-150.73	10.65	28.96	-367.15
11769	6.12	-6.16	1.75	48.26	-75.80	43.23	2.98	-21.44	-334.42
11770	5.98	-7.26	1.75	43.76	-60.99	229.30	-6.72	-66.80	-290.91
11771	7.49	-3.96	1.75	51.96	-91.07	-336.78	9.73	106.53	-346.55
11772	7.38	-5.06	1.75	49.54	-83.78	-143.04	6.13	45.66	-330.22
11773	7.23	-6.17	1.75	46.49	-72.51	44.63	-0.66	-10.91	-302.37
11774	7.07	-7.26	1.75	43.82	-57.15	225.67	-10.05	-62.23	-264.21
11775	8.64	-3.96	1.75	43.60	-92.17	-316.41	-1.64	124.95	-302.79
11776	8.51	-5.07	1.75	42.99	-83.49	-129.98	-2.78	59.12	-290.43
11777	8.35	-6.17	1.75	41.31	-70.92	51.28	-7.76	-2.55	-267.44
11778	8.15	-7.26	1.75	40.05	-54.68	227.02	-16.12	-58.93	-234.76
11779	9.79	-3.96	1.75	34.41	-96.30	-291.62	-18.95	137.82	-258.02
11780	9.64	-5.07	1.75	34.43	-86.37	-111.76	-16.31	68.12	-249.21
11781	9.46	-6.17	1.75	32.81	-72.25	63.57	-18.34	2.25	-230.81



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]
11782	9.24	-7.26	1.75	31.91	-54.67	234.12	-24.93	-58.37	-203.49
11783	10.94	-3.96	1.75	26.27	-104.48	-263.67	-42.91	144.65	-214.16
11784	10.78	-5.07	1.75	25.16	-93.86	-88.92	-34.75	71.76	-208.11
11785	10.57	-6.17	1.75	21.35	-78.13	81.47	-32.26	2.16	-193.70
11786	10.33	-7.26	1.75	18.80	-58.55	247.42	-36.22	-62.21	-171.44
11787	12.10	-3.96	1.75	21.30	-117.30	-233.95	-74.75	145.82	-173.55
11788	11.91	-5.07	1.75	16.89	-107.57	-62.27	-58.90	69.71	-168.92
11789	11.69	-6.18	1.75	7.64	-90.78	104.65	-49.45	-4.05	-157.42
11790	11.42	-7.26	1.75	-0.09	-68.43	266.92	-49.47	-72.43	-139.75
11791	13.25	-3.96	1.75	20.92	-133.82	-203.47	-116.44	142.82	-139.79
11792	13.05	-5.08	1.75	11.24	-128.35	-32.48	-91.10	62.50	-134.28
11793	12.80	-6.18	1.75	-7.03	-113.41	132.41	-70.79	-17.44	-123.55
11794	12.50	-7.26	1.75	-25.75	-87.86	291.89	-63.76	-91.77	-109.69
11795	14.40	-3.96	1.75	23.08	-149.64	-172.13	-169.37	138.17	-119.75
11796	14.18	-5.08	1.75	7.06	-153.29	0.25	-136.57	51.61	-109.47
11797	13.91	-6.18	1.75	-20.59	-149.08	163.26	-101.02	-38.96	-95.01
11798	13.59	-7.26	1.75	-57.90	-124.03	319.32	-78.53	-124.66	-82.72
11799	15.55	-3.96	1.75	19.44	-159.60	-138.82	-228.70	133.73	-129.13
11800	15.32	-5.08	1.75	-7.05	-169.66	35.48	-199.75	38.26	-107.21
11801	15.03	-6.18	1.75	-33.62	-192.04	192.51	-154.98	-70.41	-79.91
11802	14.68	-7.26	1.75	-88.86	-189.55	338.95	-100.11	-178.59	-62.23
11803	16.70	-3.96	1.75	-14.79	-149.15	-103.61	-284.70	123.11	-199.55
11804	16.45	-5.08	1.75	-50.79	-191.03	54.67	-274.47	17.64	-166.09
11805	16.14	-6.18	1.75	-56.28	-209.16	200.14	-234.84	-111.21	-103.79
11806	15.77	-7.27	1.75	-101.67	-261.58	322.03	-162.93	-261.47	-58.52
11807	17.86	-3.96	1.75	-105.35	-280.56	-160.19	-379.70	33.51	-452.50
11808	17.59	-5.08	1.75	-41.54	-253.21	-10.88	-285.38	-42.22	-400.73
11809	17.25	-6.19	1.75	-99.22	-245.29	111.72	-248.83	-162.80	-304.60
11810	16.85	-7.27	1.75	-71.12	-227.38	255.71	-265.10	-333.08	-125.00
11811	0.59	-3.95	0.25	58.33	-3.95	-350.27	-7.75	-40.47	-493.17
11812	0.58	-5.05	0.25	48.56	-59.74	-161.28	-9.61	-48.12	-466.20
11813	0.57	-6.15	0.25	39.82	-49.42	19.99	-11.88	-55.14	-426.78
11814	0.56	-7.25	0.25	32.64	-34.32	192.71	-14.46	-61.52	-376.56
11815	1.76	-3.95	0.25	65.86	-65.59	-355.52	-0.26	-14.41	-487.20
11816	1.74	-5.05	0.25	56.18	-59.21	-166.72	-3.06	-31.15	-461.21
11817	1.71	-6.15	0.25	47.45	-48.86	14.46	-6.69	-46.52	-422.88
11818	1.67	-7.25	0.25	40.23	-33.85	187.21	-10.93	-60.37	-373.85
11819	2.94	-3.95	0.25	70.80	-64.81	-357.84	5.92	11.82	-473.92
11820	2.90	-5.06	0.25	61.90	-58.02	-170.74	2.38	-13.79	-449.60
11821	2.84	-6.16	0.25	53.81	-47.44	9.11	-2.40	-37.35	-413.16
11822	2.78	-7.25	0.25	47.09	-32.41	180.90	-8.10	-58.55	-366.16
11823	4.12	-3.95	0.25	72.91	-63.91	-356.57	10.01	37.55	-453.89
11824	4.06	-5.06	0.25	65.38	-56.45	-172.53	6.06	3.55	-431.82
11825	3.98	-6.16	0.25	58.47	-45.42	4.83	0.44	-27.84	-397.95
11826	3.89	-7.25	0.25	52.76	-30.24	174.73	-6.44	-56.16	-353.73
11827	5.29	-3.95	0.25	72.07	-63.24	-351.19	11.33	61.88	-427.90
11828	5.22	-5.06	0.25	66.33	-54.86	-171.31	7.37	20.15	-408.50
11829	5.12	-6.16	0.25	61.00	-43.17	2.56	1.31	-18.51	-377.77
11830	5.01	-7.25	0.25	56.72	-27.67	169.73	-6.37	-53.53	-336.95
11831	6.47	-3.95	0.25	68.38	-63.28	-341.45	9.29	83.77	-396.98
11832	6.37	-5.06	0.25	64.62	-53.75	-166.50	5.83	35.12	-380.51
11833	6.26	-6.16	0.25	61.06	-41.18	3.14	-0.19	-10.16	-353.28
11834	6.12	-7.26	0.25	58.47	-25.15	166.89	-8.27	-51.33	-316.33
11835	7.64	-3.96	0.25	62.24	-64.61	-327.43	3.46	102.10	-362.31
11836	7.53	-5.06	0.25	60.32	-53.77	-157.78	1.11	47.38	-348.86
11837	7.40	-6.16	0.25	58.44	-40.05	7.19	-4.33	-3.80	-325.31
11838	7.23	-7.26	0.25	57.59	-23.24	167.05	-12.37	-50.53	-292.50
11839	8.82	-3.96	0.25	54.39	-67.96	-309.58	-6.48	115.86	-325.26
11840	8.69	-5.07	0.25	53.82	-55.73	-145.16	-6.96	55.79	-314.64
11841	8.53	-6.17	0.25	53.11	-40.58	15.07	-11.21	-0.67	-294.75
11842	8.34	-7.26	0.25	53.70	-22.62	170.82	-18.80	-52.39	-266.17
11843	10.00	-3.96	0.25	45.95	-74.20	-288.67	-20.75	124.29	-287.27
11844	9.85	-5.07	0.25	45.79	-60.65	-128.97	-18.40	59.28	-279.04
11845	9.67	-6.17	0.25	45.22	-43.76	26.76	-20.69	-2.16	-262.52
11846	9.46	-7.26	0.25	46.50	-24.15	178.47	-27.47	-58.49	-238.11
11847	11.17	-3.96	0.25	38.26	-84.25	-265.65	-39.60	127.04	-249.99
11848	11.01	-5.07	0.25	37.22	-69.78	-109.83	-33.15	56.93	-243.33
11849	10.81	-6.17	0.25	35.16	-50.94	41.91	-32.46	-9.77	-229.60
11850	10.57	-7.26	0.25	35.70	-28.97	189.87	-38.05	-70.77	-209.14
11851	12.35	-3.96	0.25	32.60	-98.76	-241.38	-63.32	124.29	-215.52
11852	12.17	-5.07	0.25	29.38	-84.56	-88.56	-51.31	48.06	-209.03
11853	11.95	-6.17	0.25	23.70	-64.01	59.62	-46.04	-25.18	-196.98
11854	11.68	-7.26	0.25	21.08	-38.79	204.15	-49.79	-91.78	-180.12
11855	13.52	-3.96	0.25	29.20	-117.34	-216.44	-91.90	116.51	-186.94
11856	13.33	-5.07	0.25	23.27	-105.91	-66.11	-73.61	32.25	-178.50
11857	13.09	-6.18	0.25	12.48	-85.71	78.15	-61.32	-50.17	-166.00
11858	12.79	-7.26	0.25	3.11	-56.52	219.04	-61.35	-124.92	-151.94
11859	14.70	-3.96	0.25	24.88	-137.20	-191.19	-122.54	103.48	-169.28
11860	14.49	-5.08	0.25	17.66	-132.01	-43.85	-101.64	8.92	-156.37
11861	14.22	-6.18	0.25	4.92	-118.96	94.16	-80.38	-86.00	-139.52
11862	13.91	-7.26	0.25	-14.72	-88.10	229.22	-70.72	-173.80	-125.79
11863	15.88	-3.96	0.25	11.00	-155.92	-168.50	-141.99	81.53	-169.83
11864	15.65	-5.08	0.25	3.89	-154.18	-25.26	-133.49	-23.93	-151.72
11865	15.36	-6.18	0.25	5.45	-161.38	101.75	-110.55	-131.02	-125.19
11866	15.02	-7.26	0.25	-19.21	-143.78	224.38	-78.13	-237.81	-104.38
11867	17.05	-3.96	0.25	-34.39	-164.71	-166.56	-127.38	34.47	-192.46
11868	16.81	-5.08	0.25	-30.99	-192.47	-26.80	-151.88	-66.52	-184.58
11869	16.50	-6.18	0.25	14.23	-188.29	101.15	-141.64	-168.14	-134.05
11870	16.13	-7.26	0.25	13.10	-207.84	202.05	-97.50	-299.32	-92.11
11871	18.23	-3.96	0.25	-131.37	-356.35	-311.48	-114.90	-42.40	-250.64
11872	17.96	-5.08	0.25	-24.70	-288.20	-97.92	-66.96	-53.86	-197.01
11873	17.64	-6.19	0.25	-7.78	-234.73	70.92	-72.72	-107.69	-162.40
11874	17.25	-7.27	0.25	76.05	-173.82	206.67	-118.76	-252.78	-30.41
11875	0.60	-3.95	-1.25	75.51	-32.49	-343.62	-0.16	-27.50	-492.34
11876	0.59	-5.05	-1.25	67.03	-25.37	-181.80	-1.94	-34.74	-470.37
11877	0.58	-6.15	-1.25	59.36	-15.42	-25.21	-4.19	-41.48	-437.61
11878	0.57	-7.25	-1.25	52.99	-1.94	125.50	-6.84	-47.67	-395.30
11879	1.80	-3.95	-1.25	82.30	-32.39	-347.66	5.12	-3.54	-487.35
11880	1.77	-5.05	-1.25	73.87	-25.11	-185.87	2.77	-18.65	-466.15

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]
11881	1.74	-6.15	-1.25	66.22	-15.09	-29.26	-0.44	-32.66	-434.26
11882	1.71	-7.25	-1.25	59.86	-1.65	121.50	-4.32	-45.43	-392.92
11883	3.00	-3.95	-1.25	86.40	-32.30	-348.93	9.42	20.15	-476.12
11884	2.96	-5.06	-1.25	78.60	-24.61	-188.28	6.61	-2.66	-456.22
11885	2.91	-6.16	-1.25	71.51	-14.31	-32.62	2.58	-23.83	-425.82
11886	2.84	-7.25	-1.25	65.67	-0.76	117.41	-2.42	-43.09	-386.11
11887	4.20	-3.95	-1.25	87.74	-32.42	-347.03	12.12	42.89	-459.11
11888	4.14	-5.06	-1.25	81.06	-24.05	-188.54	9.08	12.71	-440.93
11889	4.07	-6.16	-1.25	75.02	-13.27	-34.70	4.42	-15.35	-412.57
11890	3.98	-7.25	-1.25	70.17	0.54	113.85	-1.51	-40.87	-375.10
11891	5.40	-3.95	-1.25	86.38	-33.00	-341.73	12.72	63.83	-436.96
11892	5.32	-5.06	-1.25	81.19	-23.73	-186.21	9.70	26.77	-420.85
11893	5.23	-6.16	-1.25	76.56	-12.25	-34.96	4.68	-7.76	-394.96
11894	5.12	-7.25	-1.25	73.09	2.00	111.46	-1.96	-39.21	-360.24
11895	6.60	-3.95	-1.25	82.56	-34.40	-333.05	10.79	82.08	-410.50
11896	6.51	-5.06	-1.25	79.04	-24.03	-181.07	8.13	38.69	-396.67
11897	6.39	-6.16	-1.25	76.03	-11.62	-32.97	3.04	-1.84	-373.58
11898	6.26	-7.26	-1.25	74.22	3.28	110.77	-4.06	-38.79	-341.99
11899	7.80	-3.96	-1.25	76.74	-37.05	-321.23	6.07	96.71	-380.70
11900	7.69	-5.06	-1.25	74.85	-25.42	-173.09	4.16	47.52	-369.21
11901	7.56	-6.16	-1.25	73.45	-11.83	-28.51	-0.69	1.49	-349.09
11902	7.40	-7.26	-1.25	73.44	3.98	112.18	-8.02	-40.49	-320.92
11903	9.00	-3.96	-1.25	69.65	-41.53	-306.81	-1.60	106.88	-348.63
11904	8.87	-5.07	-1.25	69.10	-28.52	-162.55	-2.29	52.28	-339.37
11905	8.72	-6.17	-1.25	69.05	-13.47	-21.62	-6.54	1.11	-322.25
11906	8.53	-7.26	-1.25	70.74	3.62	115.80	-13.93	-45.50	-297.65
11907	10.20	-3.96	-1.25	62.24	-48.51	-290.53	-12.26	111.94	-315.42
11908	10.06	-5.07	-1.25	62.55	-34.11	-149.98	-11.12	52.00	-308.06
11909	9.88	-6.17	-1.25	63.29	-17.27	-12.71	-14.36	-4.24	-293.80
11910	9.67	-7.26	-1.25	66.33	1.58	121.38	-21.72	-55.24	-272.84
11911	11.40	-3.96	-1.25	55.68	-58.73	-273.24	-25.86	111.51	-282.29
11912	11.24	-5.07	-1.25	56.30	-43.15	-136.24	-22.09	45.82	-276.22
11913	11.05	-6.17	-1.25	57.00	-24.19	-2.65	-23.77	-15.92	-264.44
11914	10.81	-7.26	-1.25	60.68	-2.90	128.11	-31.07	-71.45	-247.12
11915	12.60	-3.96	-1.25	51.15	-72.83	-255.87	-42.19	105.42	-250.63
11916	12.42	-5.07	-1.25	51.88	-56.75	-122.50	-34.92	33.02	-244.85
11917	12.21	-6.17	-1.25	51.70	-35.56	7.08	-34.20	-35.33	-234.84
11918	11.95	-7.26	-1.25	54.85	-10.90	134.38	-41.35	-96.19	-221.09
11919	13.80	-3.96	-1.25	49.45	-90.87	-239.40	-60.59	93.49	-222.06
11920	13.61	-5.07	-1.25	51.19	-75.79	-110.27	-49.49	13.14	-215.29
11921	13.37	-6.18	-1.25	50.17	-53.27	14.21	-45.02	-63.51	-205.64
11922	13.09	-7.26	-1.25	51.16	-24.13	137.33	-51.27	-131.57	-195.08
11923	15.00	-3.96	-1.25	50.37	-111.58	-225.56	-78.42	74.72	-197.87
11924	14.79	-5.08	-1.25	56.13	-99.79	-101.59	-65.85	-14.06	-189.53
11925	14.53	-6.18	-1.25	57.54	-79.70	15.95	-56.23	-99.82	-177.96
11926	14.22	-7.26	-1.25	54.77	-45.96	132.99	-58.30	-178.28	-168.70
11927	16.20	-3.96	-1.25	52.56	-132.61	-219.29	-88.51	46.20	-176.11
11928	15.97	-5.08	-1.25	67.23	-125.19	-98.82	-83.29	-48.78	-169.71
11929	15.70	-6.18	-1.25	81.66	-115.41	12.09	-69.62	-139.42	-153.49
11930	15.36	-7.26	-1.25	76.15	-82.58	119.76	-58.91	-231.74	-139.92
11931	17.40	-3.96	-1.25	52.15	-147.33	-233.29	-85.48	3.32	-146.30
11932	17.16	-5.08	-1.25	85.07	-156.44	-102.13	-98.98	-87.92	-155.26
11933	16.86	-6.18	-1.25	128.39	-152.02	16.42	-83.70	-169.32	-126.93
11934	16.50	-7.26	-1.25	128.70	-130.80	107.37	-54.24	-279.21	-98.68
11935	18.60	-3.96	-1.25	34.22	-216.92	-277.95	-106.95	-37.82	-148.15
11936	18.34	-5.08	-1.25	122.20	-191.27	-46.36	-95.56	-112.01	-137.57
11937	18.02	-6.18	-1.25	168.49	-163.18	142.79	-78.15	-191.59	-113.83
11938	17.64	-7.27	-1.25	194.72	-144.90	201.37	-60.10	-312.00	-13.73
11939	-17.86	-3.97	1.75	-70.17	-105.73	-524.92	32.12	-184.95	20.77
11940	-17.59	-5.09	1.74	-59.11	-84.03	-351.70	33.26	-138.76	24.12
11941	-17.25	-6.19	1.74	-48.59	-62.84	-181.51	33.32	-94.86	31.77
11942	-16.85	-7.27	1.75	-38.27	-42.35	-14.27	32.78	-53.41	43.96
11943	-16.70	-3.96	1.75	-106.82	-96.94	-444.38	32.59	-236.03	-2.76
11944	-16.45	-5.08	1.74	-90.55	-73.89	-279.84	32.16	-182.27	0.14
11945	-16.14	-6.19	1.74	-74.75	-51.67	-117.43	31.15	-130.53	8.50
11946	-15.76	-7.27	1.75	-59.70	-30.68	43.22	29.80	-81.52	22.26
11947	-15.55	-3.96	1.75	-137.19	-89.30	-372.65	24.57	-260.60	-33.49
11948	-15.32	-5.08	1.74	-115.49	-66.09	-216.88	23.56	-203.34	-30.37
11949	-15.02	-6.18	1.74	-94.60	-43.69	-62.52	22.79	-148.08	-20.82
11950	-14.68	-7.26	1.75	-74.90	-22.32	91.03	22.30	-95.52	-4.94
11951	-14.40	-3.96	1.75	-145.06	-82.09	-320.40	12.17	-266.46	-68.53
11952	-14.18	-5.08	1.75	-121.60	-59.92	-169.94	11.48	-208.38	-64.52
11953	-13.91	-6.18	1.75	-99.16	-38.26	-20.59	11.64	-152.39	-53.36
11954	-13.59	-7.26	1.75	-78.09	-17.21	128.31	12.52	-99.17	-35.23
11955	-13.25	-3.96	1.75	-139.84	-77.17	-289.13	-2.26	-265.77	-107.31
11956	-13.05	-5.08	1.75	-116.76	-56.56	-139.78	-2.10	-207.36	-101.82
11957	-12.80	-6.18	1.75	-94.85	-36.01	8.37	-0.64	-151.32	-88.53
11958	-12.50	-7.26	1.75	-74.41	-15.47	155.94	1.84	-98.34	-67.70
11959	-12.10	-3.96	1.75	-127.20	-74.56	-272.86	-17.06	-261.21	-149.18
11960	-11.91	-5.07	1.75	-105.88	-55.82	-121.34	-15.78	-202.79	-141.61
11961	-11.69	-6.18	1.75	-85.82	-36.57	28.56	-12.86	-147.13	-125.59
11962	-11.42	-7.26	1.75	-67.25	-16.65	177.37	-8.71	-94.96	-101.50
11963	-10.94	-3.96	1.75	-110.55	-74.07	-266.99	-30.93	-253.39	-193.41
11964	-10.78	-5.07	1.75	-91.99	-57.36	-110.73	-28.44	-195.49	-183.20
11965	-10.57	-6.17	1.75	-74.66	-39.51	43.19	-24.10	-140.78	-163.85
11966	-10.33	-7.26	1.75	-58.71	-20.29	195.17	-18.40	-90.04	-135.93
11967	-9.79	-3.96	1.75	-92.04	-75.37	-268.05	-42.82	-242.46	-239.07
11968	-9.64	-5.07	1.75	-76.94	-60.77	-105.11	-39.22	-185.91	-225.74
11969	-9.46	-6.17	1.75	-62.93	-44.35	54.51	-33.66	-132.94	-202.53
11970	-9.24	-7.26	1.75	-50.09	-25.82	211.02	-26.70	-84.36	-170.27
11971	-8.64	-3.96	1.75	-73.03	-78.08	-273.49	-51.95	-228.62	-285.04
11972	-8.51	-5.07	1.75	-61.88	-65.57	-102.51	-47.49	-174.50	-268.20
11973	-8.35	-6.17	1.75	-51.57	-50.55	63.92	-41.06	-124.25	-240.76
11974	-8.15	-7.26	1.75	-42.08	-32.68	225.86	-33.25	-78.68	-203.81
11975	-7.49	-3.96	1.75	-54.43	-81.76	-281.50	-57.76	-212.19	-329.97
11976	-7.37	-5.07	1.75	-47.49	-71.26	-101.74	-52.82	-161.78	-309.44
11977	-7.23	-6.17	1.75	-41.03	-57.57	72.12	-45.96	-115.36	-277.59
11978	-7.07	-7.26	1.75	-34.96	-40.31	239.95	-37.80	-73.69	-235.78
11979	-6.34	-3.96	1.75	-36.79	-85.97	-290.91	-59.99	-193.64	-372.44

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]
11980	-6.24	-5.06	1.75	-34.07	-77.32	-102.19	-54.98	-148.31	-348.23
11981	-6.12	-6.16	1.75	-31.42	-64.87	79.24	-48.21	-106.85	-312.04
11982	-5.98	-7.26	1.75	-28.68	-48.15	253.06	-40.26	-69.97	-265.47
11983	-5.18	-3.95	1.75	-20.36	-90.27	-301.01	-58.60	-173.41	-410.96
11984	-5.11	-5.06	1.75	-21.66	-83.29	-103.70	-53.99	-134.52	-383.34
11985	-5.01	-6.16	1.75	-22.61	-71.93	85.00	-47.83	-99.14	-343.11
11986	-4.89	-7.25	1.75	-22.95	-55.70	264.59	-40.66	-67.90	-292.12
11987	-4.03	-3.95	1.75	-5.19	-94.27	-311.45	-53.85	-151.88	-444.14
11988	-3.97	-5.06	1.75	-10.10	-88.70	-106.41	-50.07	-120.68	-413.58
11989	-3.90	-6.16	1.75	-14.27	-78.29	88.89	-45.03	-92.41	-369.86
11990	-3.81	-7.25	1.75	-17.36	-62.49	273.79	-39.15	-67.59	-315.04
11991	-2.88	-3.95	1.75	8.76	-97.61	-322.08	-46.22	-129.25	-470.72
11992	-2.84	-5.06	1.75	0.82	-93.19	-110.56	-43.64	-106.84	-437.88
11993	-2.78	-6.16	1.75	-6.06	-83.57	90.35	-40.13	-86.56	-391.44
11994	-2.72	-7.25	1.75	-11.48	-68.14	279.88	-36.01	-68.83	-333.60
11995	-1.73	-3.95	1.75	21.55	-100.03	-332.72	-36.39	-105.57	-489.66
11996	-1.70	-5.05	1.75	11.29	-96.48	-116.33	-35.28	-92.80	-455.38
11997	-1.67	-6.15	1.75	2.31	-87.47	88.97	-33.62	-81.22	-407.15
11998	-1.63	-7.25	1.75	-4.94	-72.37	282.27	-31.59	-71.14	-347.27
11999	-0.58	-3.95	1.75	33.15	-101.37	-343.07	-25.21	-80.76	-500.21
12000	-0.57	-5.05	1.75	21.38	-98.38	-123.62	-25.70	-78.20	-465.42
12001	-0.56	-6.15	1.75	10.96	-89.81	84.64	-26.06	-75.84	-416.46
12002	-0.54	-7.25	1.75	2.40	-74.98	280.72	-26.33	-73.84	-355.62
12003	-18.23	-3.97	0.24	-86.84	-135.13	-662.21	48.00	-239.88	9.98
12004	-17.96	-5.09	0.23	-74.17	-107.12	-479.90	48.49	-185.35	12.11
12005	-17.63	-6.19	0.23	-61.53	-78.93	-300.57	46.65	-133.63	19.47
12006	-17.24	-7.27	0.24	-49.47	-52.31	-124.52	44.16	-85.43	32.88
12007	-17.05	-3.96	0.24	-187.76	-120.49	-516.32	51.10	-290.69	-30.09
12008	-16.80	-5.09	0.23	-158.79	-89.88	-354.97	49.02	-228.03	-27.37
12009	-16.49	-6.19	0.23	-130.35	-59.82	-195.91	46.75	-167.85	-17.50
12010	-16.13	-7.27	0.24	-103.25	-30.81	-38.26	44.81	-110.79	-0.39
12011	-15.87	-3.96	0.24	-197.79	-99.50	-398.67	43.61	-272.39	-68.40
12012	-15.64	-5.08	0.23	-167.60	-70.73	-253.83	41.02	-214.17	-64.71
12013	-15.36	-6.18	0.23	-138.10	-42.52	-110.69	39.21	-158.03	-53.57
12014	-15.02	-7.27	0.24	-109.76	-14.91	31.69	38.27	-104.37	-35.04
12015	-14.70	-3.96	0.24	-185.97	-84.82	-335.08	32.10	-258.27	-106.52
12016	-14.48	-5.08	0.24	-157.44	-58.16	-196.94	29.80	-202.90	-101.84
12017	-14.22	-6.18	0.24	-129.69	-31.85	-60.35	28.75	-149.53	-89.55
12018	-13.91	-7.26	0.24	-103.00	-5.78	75.51	28.87	-98.57	-69.73
12019	-13.52	-3.96	0.24	-166.18	-74.20	-298.09	18.86	-248.04	-145.15
12020	-13.32	-5.08	0.24	-140.32	-49.79	-162.13	17.26	-194.42	-139.27
12021	-13.08	-6.18	0.24	-115.30	-25.45	-27.75	17.17	-142.92	-125.53
12022	-12.79	-7.26	0.24	-91.31	-0.92	105.73	18.38	-94.01	-104.07
12023	-12.35	-3.96	0.24	-143.34	-66.83	-278.18	5.36	-239.42	-184.72
12024	-12.17	-5.08	0.24	-120.63	-44.70	-141.31	4.66	-187.06	-177.29
12025	-11.94	-6.18	0.24	-98.79	-22.27	-6.25	5.61	-137.07	-161.66
12026	-11.68	-7.26	0.24	-77.93	0.82	127.55	7.96	-89.93	-138.07
12027	-11.17	-3.96	0.25	-119.43	-62.04	-269.62	-7.32	-230.43	-225.11
12028	-11.01	-5.07	0.24	-100.19	-42.18	-129.63	-7.08	-179.41	-215.78
12029	-10.81	-6.17	0.24	-81.80	-21.58	8.14	-5.09	-131.02	-197.80
12030	-10.57	-7.26	0.25	-64.30	0.17	144.09	-1.68	-85.79	-171.57
12031	-9.99	-3.96	0.25	-95.50	-59.34	-268.79	-18.39	-219.92	-265.89
12032	-9.85	-5.07	0.24	-79.98	-41.68	-124.04	-17.26	-170.71	-254.29
12033	-9.67	-6.17	0.24	-65.22	-22.81	17.89	-14.35	-124.37	-233.55
12034	-9.46	-7.26	0.25	-51.19	-2.29	157.25	-10.06	-81.46	-204.24
12035	-8.82	-3.96	0.25	-72.21	-58.27	-273.13	-27.21	-207.31	-306.29
12036	-8.69	-5.07	0.24	-60.59	-42.72	-122.48	-25.36	-160.68	-292.15
12037	-8.53	-6.17	0.24	-49.54	-25.48	24.58	-21.77	-117.08	-268.35
12038	-8.34	-7.26	0.25	-38.98	-6.04	168.19	-16.86	-77.09	-235.64
12039	-7.64	-3.96	0.25	-50.03	-58.45	-280.78	-33.36	-192.44	-345.37
12040	-7.53	-5.07	0.24	-42.35	-44.87	-123.57	-31.03	-149.35	-328.54
12041	-7.39	-6.17	0.24	-35.01	-29.10	29.20	-27.07	-109.33	-301.51
12042	-7.23	-7.26	0.25	-27.84	-10.62	177.50	-21.89	-72.94	-265.24
12043	-6.47	-3.96	0.25	-29.29	-59.46	-290.40	-36.62	-175.42	-382.03
12044	-6.37	-5.06	0.24	-25.46	-47.68	-126.42	-34.12	-136.93	-362.52
12045	-6.26	-6.16	0.24	-21.68	-33.24	32.24	-30.13	-101.38	-332.28
12046	-6.12	-7.26	0.25	-17.72	-15.58	185.39	-25.07	-69.32	-292.49
12047	-5.29	-3.95	0.25	-10.18	-60.96	-301.05	-36.97	-156.45	-415.13
12048	-5.21	-5.06	0.24	-9.97	-50.76	-130.50	-34.61	-123.64	-393.11
12049	-5.12	-6.16	0.24	-9.49	-37.48	33.88	-30.98	-93.49	-359.88
12050	-5.01	-7.26	0.25	-8.46	-20.51	191.74	-26.46	-66.48	-316.79
12051	-4.12	-3.95	0.25	7.20	-62.60	-312.07	-34.59	-135.81	-443.55
12052	-4.06	-5.06	0.25	4.19	-53.75	-135.54	-32.70	-109.70	-419.36
12053	-3.98	-6.16	0.25	1.74	-41.44	34.07	-29.79	-85.79	-383.54
12054	-3.89	-7.25	0.25	0.18	-25.06	196.31	-26.18	-64.49	-337.59
12055	-2.94	-3.95	0.25	22.80	-64.10	-322.97	-29.87	-113.72	-466.29
12056	-2.90	-5.06	0.25	17.10	-56.34	-141.39	-28.71	-95.20	-440.42
12057	-2.84	-6.16	0.25	12.19	-44.82	32.72	-26.85	-78.28	-402.58
12058	-2.78	-7.25	0.25	8.48	-28.90	198.78	-24.49	-63.29	-354.36
12059	-1.76	-3.95	0.25	36.59	-65.25	-333.31	-23.35	-90.36	-482.51
12060	-1.74	-5.05	0.25	28.82	-58.29	-147.90	-23.13	-80.15	-455.58
12061	-1.71	-6.15	0.25	22.02	-47.37	29.75	-22.54	-70.83	-416.41
12062	-1.67	-7.25	0.25	16.62	-31.82	198.95	-21.71	-62.64	-366.66
12063	-0.59	-3.95	0.25	48.49	-65.90	-342.66	-15.72	-65.88	-491.59
12064	-0.58	-5.05	0.25	39.35	-59.45	-154.79	-16.54	-64.47	-464.30
12065	-0.57	-6.15	0.25	31.26	-48.93	25.28	-17.37	-63.20	-424.60
12066	-0.56	-7.25	0.25	24.70	-33.65	196.80	-18.21	-62.19	-374.15
12067	-18.60	-3.97	-1.26	-381.07	-201.67	-875.32	84.95	-442.31	5.94
12068	-18.33	-5.09	-1.28	-320.14	-150.22	-670.69	78.79	-353.44	4.36
12069	-18.01	-6.19	-1.28	-262.56	-98.85	-471.50	74.14	-270.53	13.53
12070	-17.63	-7.27	-1.26	-208.89	-48.41	-274.57	72.19	-192.92	33.65
12071	-17.40	-3.97	-1.26	-314.09	-128.86	-506.98	69.16	-287.84	-62.33
12072	-17.15	-5.09	-1.28	-266.30	-91.41	-365.21	64.84	-227.80	-59.38
12073	-16.85	-6.19	-1.28	-219.92	-54.15	-225.90	62.09	-170.85	-48.56
12074	-16.50	-7.27	-1.26	-175.66	-16.73	-87.39	61.51	-116.69	-29.70
12075	-16.20	-3.96	-1.26	-258.11	-99.03	-403.33	57.92	-242.68	-107.60
12076	-15.97	-5.08	-1.28	-219.70	-66.63	-273.14	53.95	-190.52	-103.46
12077	-15.69	-6.19	-1.28	-182.35	-34.52	-145.21	51.78	-140.81	-92.03
12078	-15.36	-7.27	-1.26	-146.19	-2.00	-18.45	51.58	-93.46	-73.30

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]
12079	-15.00	-3.96	-1.26	-214.58	-78.72	-341.26	45.45	-222.67	-147.06
12080	-14.78	-5.08	-1.27	-182.67	-50.16	-216.84	42.02	-174.08	-141.93
12081	-14.53	-6.18	-1.27	-151.64	-21.76	-94.47	40.41	-127.70	-129.67
12082	-14.22	-7.26	-1.26	-121.48	7.06	26.70	40.62	-83.61	-110.37
12083	-13.80	-3.96	-1.26	-178.11	-64.33	-304.64	32.71	-212.25	-184.54
12084	-13.60	-5.08	-1.27	-151.23	-38.87	-182.13	29.94	-165.52	-178.39
12085	-13.36	-6.18	-1.27	-125.16	-13.46	-61.60	28.95	-120.97	-165.02
12086	-13.08	-7.26	-1.26	-99.83	12.51	57.64	29.65	-78.81	-144.59
12087	-12.60	-3.96	-1.26	-145.66	-53.77	-283.46	20.36	-204.93	-221.45
12088	-12.42	-5.08	-1.27	-123.12	-31.05	-160.55	18.31	-159.53	-214.07
12089	-12.20	-6.18	-1.27	-101.35	-8.16	-39.68	18.01	-116.37	-199.24
12090	-11.95	-7.26	-1.26	-80.25	15.49	79.74	19.29	-75.76	-177.22
12091	-11.40	-3.96	-1.26	-115.82	-46.05	-273.03	8.97	-197.84	-258.19
12092	-11.24	-5.07	-1.27	-97.30	-25.81	-148.03	7.67	-153.80	-249.34
12093	-11.04	-6.18	-1.27	-79.49	-5.14	-25.24	8.07	-112.11	-232.71
12094	-10.81	-7.26	-1.26	-62.29	16.56	95.80	9.96	-73.13	-208.68
12095	-10.20	-3.96	-1.26	-87.95	-40.53	-270.26	-0.94	-189.53	-294.62
12096	-10.05	-5.07	-1.27	-73.31	-22.58	-141.90	-1.54	-147.24	-284.06
12097	-9.88	-6.17	-1.27	-59.29	-3.90	-16.04	-0.50	-107.40	-265.34
12098	-9.67	-7.26	-1.26	-45.74	16.14	107.64	1.92	-70.44	-238.95
12099	-9.00	-3.96	-1.26	-61.85	-36.76	-272.92	-8.97	-179.25	-330.28
12100	-8.87	-5.07	-1.26	-51.01	-20.91	-140.29	-8.96	-139.36	-317.81
12101	-8.72	-6.17	-1.26	-40.64	-4.00	-10.57	-7.42	-101.97	-296.77
12102	-8.53	-7.26	-1.26	-30.56	14.60	116.45	-4.62	-67.54	-267.77
12103	-7.80	-3.96	-1.26	-37.52	-34.36	-279.29	-14.81	-166.74	-364.45
12104	-7.69	-5.07	-1.26	-30.36	-20.43	-141.82	-14.37	-130.04	-349.98
12105	-7.55	-6.17	-1.26	-23.49	-5.09	-7.75	-12.53	-95.81	-326.49
12106	-7.39	-7.26	-1.26	-16.69	12.30	123.00	-9.55	-64.50	-294.77
12107	-6.60	-3.96	-1.25	-15.04	-33.00	-288.03	-18.32	-151.96	-396.30
12108	-6.51	-5.06	-1.26	-11.39	-20.78	-145.50	-17.65	-119.34	-379.83
12109	-6.39	-6.16	-1.26	-7.82	-6.81	-6.89	-15.73	-89.04	-353.92
12110	-6.26	-7.26	-1.25	-4.05	9.56	127.75	-12.85	-61.49	-319.50
12111	-5.40	-3.95	-1.25	5.48	-32.37	-298.10	-19.48	-135.07	-424.93
12112	-5.32	-5.06	-1.26	5.88	-21.65	-150.61	-18.80	-107.40	-406.58
12113	-5.23	-6.16	-1.26	6.45	-8.86	-7.54	-17.08	-81.81	-378.42
12114	-5.12	-7.26	-1.25	7.48	6.66	130.93	-14.57	-58.67	-341.49
12115	-4.20	-3.95	-1.25	23.93	-32.21	-308.66	-18.44	-116.28	-449.45
12116	-4.14	-5.06	-1.26	21.48	-22.74	-156.62	-17.98	-94.42	-429.49
12117	-4.07	-6.16	-1.26	19.40	-10.93	-9.43	-16.71	-74.25	-399.37
12118	-3.98	-7.25	-1.25	18.05	3.90	132.61	-14.86	-56.12	-360.24
12119	-3.00	-3.95	-1.25	40.25	-32.28	-319.06	-15.51	-95.85	-469.03
12120	-2.96	-5.06	-1.25	35.41	-23.82	-163.13	-15.45	-80.54	-447.83
12121	-2.91	-6.16	-1.25	31.13	-12.78	-12.38	-14.87	-66.45	-416.19
12122	-2.84	-7.25	-1.25	27.81	1.51	132.81	-13.91	-53.85	-375.33
12123	-1.80	-3.95	-1.25	54.35	-32.42	-328.73	-11.11	-74.04	-483.01
12124	-1.77	-5.05	-1.25	47.68	-24.69	-169.81	-11.61	-65.89	-461.03
12125	-1.74	-6.15	-1.25	41.70	-14.23	-16.22	-11.89	-58.41	-428.40
12126	-1.71	-7.25	-1.25	36.88	-0.34	131.56	-12.03	-51.78	-386.38
12127	-0.60	-3.95	-1.25	66.15	-32.51	-337.14	-5.79	-51.14	-490.87
12128	-0.59	-5.05	-1.25	58.25	-25.24	-176.28	-6.93	-50.57	-468.65
12129	-0.58	-6.15	-1.25	51.14	-15.14	-20.71	-8.18	-50.09	-435.64
12130	-0.57	-7.25	-1.25	45.28	-1.51	129.00	-9.54	-49.78	-393.11
12131	0.53	-8.10	1.75	4.56	-60.53	420.91	-22.83	-80.60	-304.79
12132	0.52	-8.70	1.75	1.52	-47.05	518.50	-24.31	-83.44	-263.93
12133	1.60	-8.10	1.75	12.88	-59.97	413.16	-19.30	-87.64	-302.89
12134	1.57	-8.70	1.75	9.69	-46.68	511.27	-22.10	-93.99	-262.71
12135	2.66	-8.10	1.75	21.46	-57.96	402.68	-16.35	-93.11	-296.31
12136	2.61	-8.70	1.75	18.33	-44.92	501.01	-20.34	-103.05	-257.45
12137	3.73	-8.10	1.75	29.55	-54.77	390.81	-14.41	-96.71	-285.18
12138	3.66	-8.70	1.75	26.75	-42.03	489.00	-19.41	-110.23	-248.19
12139	4.79	-8.10	1.75	36.32	-50.78	379.13	-13.90	-98.49	-269.82
12140	4.71	-8.70	1.75	34.11	-38.37	476.79	-19.65	-115.52	-235.16
12141	5.85	-8.10	1.75	40.88	-46.52	369.24	-15.20	-98.92	-250.66
12142	5.75	-8.70	1.75	39.53	-34.42	465.98	-21.42	-119.28	-218.69
12143	6.92	-8.10	1.75	42.38	-42.61	362.68	-18.61	-98.82	-228.24
12144	6.80	-8.70	1.75	42.10	-30.77	458.12	-25.00	-122.23	-199.24
12145	7.98	-8.10	1.75	39.97	-39.84	360.76	-24.35	-99.38	-203.25
12146	7.84	-8.70	1.75	40.91	-28.14	454.62	-30.64	-125.46	-177.37
12147	9.05	-8.10	1.75	32.78	-39.13	364.51	-32.50	-102.08	-176.48
12148	8.89	-8.70	1.75	35.00	-27.39	456.59	-38.52	-130.38	-153.80
12149	10.11	-8.10	1.75	19.64	-41.72	374.63	-42.97	-108.65	-148.84
12150	9.93	-8.70	1.75	23.10	-29.59	464.84	-48.71	-138.73	-129.35
12151	11.18	-8.10	1.75	-1.18	-49.25	391.40	-55.52	-121.32	-121.60
12152	10.98	-8.70	1.75	3.29	-36.43	479.84	-61.23	-152.48	-105.29
12153	12.24	-8.10	1.75	-32.69	-64.22	414.22	-69.51	-143.53	-96.52
12154	12.02	-8.70	1.75	-27.68	-49.61	501.25	-76.31	-174.79	-83.92
12155	13.30	-8.10	1.75	-79.31	-91.73	439.81	-82.99	-181.80	-75.95
12156	13.07	-8.70	1.75	-75.54	-73.13	526.17	-93.84	-211.78	-68.74
12157	14.37	-8.10	1.75	-142.47	-147.44	454.63	-89.67	-249.02	-62.90
12158	14.12	-8.70	1.75	-152.06	-112.40	542.16	-112.43	-276.70	-66.62
12159	15.43	-8.10	1.75	-198.52	-279.32	416.11	-94.69	-365.22	-67.93
12160	15.16	-8.70	1.75	-261.73	-211.50	507.98	-121.79	-393.32	-92.53
12161	16.50	-8.10	1.75	-174.09	-329.67	323.18	-110.44	-527.66	-51.40
12162	16.21	-8.70	1.75	-440.80	-397.07	351.07	-136.82	-628.18	-159.32
12163	0.55	-8.10	0.25	28.19	-19.39	320.96	-16.61	-66.12	-331.44
12164	0.54	-8.70	0.25	26.06	-6.64	407.91	-18.18	-69.12	-296.44
12165	1.64	-8.10	0.25	35.71	-19.05	315.68	-14.50	-70.19	-329.61
12166	1.61	-8.70	0.25	33.51	-6.43	403.01	-17.10	-76.41	-295.15
12167	2.73	-8.10	0.25	42.89	-17.71	309.01	-12.95	-73.57	-323.50
12168	2.68	-8.70	0.25	40.87	-5.23	396.44	-16.50	-83.06	-290.09
12169	3.82	-8.10	0.25	49.26	-15.58	301.90	-12.37	-76.23	-313.25
12170	3.75	-8.70	0.25	47.67	-3.25	389.10	-16.74	-88.97	-281.30
12171	4.91	-8.10	0.25	54.26	-12.98	295.40	-13.13	-78.44	-299.15
12172	4.82	-8.70	0.25	53.37	-0.77	382.05	-18.15	-94.31	-269.03
12173	6.00	-8.10	0.25	57.34	-10.30	290.56	-15.57	-80.73	-281.61
12174	5.90	-8.70	0.25	57.39	1.83	376.35	-21.05	-99.58	-253.59
12175	7.09	-8.10	0.25	57.94	-8.05	288.34	-19.95	-84.02	-261.12
12176	6.97	-8.70	0.25	59.18	4.09	373.00	-25.72	-105.58	-235.41
12177	8.18	-8.10	0.25	55.56	-6.83	289.51	-26.45	-89.52	-238.28

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]
12178	8.04	-8.70	0.25	58.16	5.45	372.84	-32.38	-113.48	-215.01
12179	9.27	-8.10	0.25	49.63	-7.35	294.52	-35.13	-98.86	-213.79
12180	9.11	-8.70	0.25	53.77	5.26	376.44	-41.19	-124.83	-193.04
12181	10.36	-8.10	0.25	39.50	-10.56	303.43	-45.85	-114.14	-188.42
12182	10.18	-8.70	0.25	45.29	2.70	384.01	-52.23	-141.73	-170.23
12183	11.45	-8.10	0.25	24.28	-17.77	315.60	-58.21	-138.18	-163.19
12184	11.26	-8.70	0.25	31.71	-3.57	395.21	-65.38	-166.80	-147.65
12185	12.54	-8.10	0.25	2.97	-30.93	328.91	-71.14	-175.23	-139.52
12186	12.33	-8.70	0.25	11.64	-14.90	408.55	-80.34	-203.99	-127.32
12187	13.63	-8.10	0.25	-24.45	-54.11	337.70	-81.54	-231.10	-119.02
12188	13.40	-8.70	0.25	-16.49	-34.21	419.39	-95.55	-259.39	-112.04
12189	14.72	-8.10	0.25	-52.05	-98.89	329.33	-79.90	-310.17	-104.00
12190	14.47	-8.70	0.25	-56.25	-65.61	417.35	-105.40	-339.71	-106.93
12191	15.81	-8.10	0.25	-53.28	-199.56	284.84	-54.92	-405.32	-94.69
12192	15.54	-8.70	0.25	-108.35	-137.77	379.72	-88.10	-447.34	-122.20
12193	16.90	-8.10	0.25	13.97	-232.55	221.00	-1.87	-494.43	-13.26
12194	16.61	-8.70	0.25	-204.04	-267.50	236.65	-47.26	-632.17	-161.19
12195	0.56	-8.10	-1.25	49.01	11.01	238.32	-9.09	-52.17	-356.97
12196	0.55	-8.70	-1.25	47.06	21.91	315.20	-10.78	-55.13	-327.17
12197	1.67	-8.10	-1.25	55.88	11.23	234.49	-7.68	-54.57	-355.33
12198	1.65	-8.70	-1.25	53.93	22.05	311.66	-10.18	-60.42	-325.97
12199	2.79	-8.10	-1.25	62.08	12.10	230.08	-6.79	-56.83	-349.80
12200	2.75	-8.70	-1.25	60.38	22.86	307.28	-10.06	-65.59	-321.31
12201	3.91	-8.10	-1.25	67.32	13.48	225.72	-6.77	-59.08	-340.57
12202	3.84	-8.70	-1.25	66.13	24.21	302.67	-10.73	-70.71	-313.29
12203	5.02	-8.10	-1.25	71.32	15.12	222.07	-7.95	-61.68	-327.91
12204	4.94	-8.70	-1.25	70.89	25.87	298.49	-12.49	-76.06	-302.13
12205	6.14	-8.10	-1.25	73.82	16.73	219.74	-10.63	-65.21	-312.20
12206	6.04	-8.70	-1.25	74.41	27.57	295.39	-15.65	-82.15	-288.18
12207	7.25	-8.10	-1.25	74.61	17.94	219.21	-15.04	-70.52	-293.93
12208	7.14	-8.70	-1.25	76.47	28.98	293.87	-20.45	-89.77	-271.85
12209	8.37	-8.10	-1.25	73.62	18.35	220.70	-21.35	-78.74	-273.65
12210	8.24	-8.70	-1.25	76.98	29.72	294.24	-27.12	-100.01	-253.65
12211	9.49	-8.10	-1.25	70.91	17.46	224.11	-29.62	-91.37	-251.99
12212	9.33	-8.70	-1.25	75.99	29.36	296.51	-35.84	-114.27	-234.21
12213	10.60	-8.10	-1.25	66.74	14.70	228.77	-39.79	-110.26	-229.60
12214	10.43	-8.70	-1.25	73.79	27.40	300.18	-46.71	-134.41	-214.18
12215	11.72	-8.10	-1.25	61.79	9.29	233.22	-51.49	-137.71	-207.26
12216	11.53	-8.70	-1.25	70.95	23.15	304.10	-59.72	-162.61	-194.35
12217	12.83	-8.10	-1.25	57.60	0.34	234.67	-63.84	-176.61	-185.72
12218	12.63	-8.70	-1.25	68.68	15.98	306.06	-74.49	-201.68	-176.11
12219	13.95	-8.10	-1.25	57.18	-13.73	228.72	-74.15	-229.76	-164.96
12220	13.73	-8.70	-1.25	69.38	5.38	302.45	-89.82	-255.41	-160.27
12221	15.07	-8.10	-1.25	65.97	-37.54	211.48	-74.44	-297.77	-141.78
12222	14.83	-8.70	-1.25	73.73	-9.03	289.47	-101.32	-327.95	-146.56
12223	16.18	-8.10	-1.25	94.07	-87.98	182.57	-52.98	-378.38	-106.53
12224	15.92	-8.70	-1.25	79.05	-37.81	266.86	-94.53	-428.69	-130.39
12225	17.30	-8.10	-1.25	152.72	-122.02	155.10	-18.67	-482.63	-8.86
12226	17.02	-8.70	-1.25	77.73	-112.36	200.39	-75.84	-601.93	-121.29
12227	-16.50	-8.10	1.75	-30.48	-27.84	116.19	31.99	-22.24	56.41
12228	-16.21	-8.70	1.75	-25.04	-17.37	210.73	31.29	-0.77	67.27
12229	-15.43	-8.10	1.75	-48.57	-15.62	169.02	28.65	-44.75	36.66
12230	-15.16	-8.70	1.75	-40.76	-5.08	260.48	27.81	-19.61	49.11
12231	-14.37	-8.10	1.75	-60.35	-6.72	211.72	22.14	-56.02	11.68
12232	-14.12	-8.70	1.75	-50.41	4.21	299.82	22.04	-29.01	26.09
12233	-13.30	-8.10	1.75	-62.57	-1.51	245.42	13.60	-59.24	-16.41
12234	-13.07	-8.70	1.75	-52.09	9.72	330.87	14.42	-31.95	-0.18
12235	-12.24	-8.10	1.75	-59.46	0.34	271.77	4.31	-58.83	-46.45
12236	-12.02	-8.70	1.75	-49.33	12.01	356.10	6.28	-32.17	-28.35
12237	-11.18	-8.10	1.75	-53.71	-0.85	293.67	-4.82	-56.39	-77.43
12238	-10.98	-8.70	1.75	-44.58	10.99	377.81	-1.87	-30.54	-57.14
12239	-10.11	-8.10	1.75	-47.14	-4.56	313.20	-13.29	-52.90	-108.67
12240	-9.93	-8.70	1.75	-39.38	7.52	397.99	-9.47	-28.33	-86.13
12241	-9.05	-8.10	1.75	-40.79	-10.15	331.70	-20.63	-49.24	-139.48
12242	-8.89	-8.70	1.75	-34.51	2.14	417.66	-16.14	-26.39	-114.41
12243	-7.98	-8.10	1.75	-35.17	-17.06	349.73	-26.56	-46.12	-169.20
12244	-7.84	-8.70	1.75	-30.43	-4.55	437.11	-21.67	-25.25	-141.40
12245	-6.92	-8.10	1.75	-30.44	-24.70	367.27	-30.91	-44.24	-197.28
12246	-6.80	-8.70	1.75	-27.19	-11.94	456.20	-25.92	-25.63	-166.76
12247	-5.85	-8.10	1.75	-26.43	-32.53	383.87	-33.61	-44.17	-223.16
12248	-5.75	-8.70	1.75	-24.57	-19.52	474.37	-28.83	-28.10	-190.01
12249	-4.79	-8.10	1.75	-22.79	-40.06	398.78	-34.69	-46.24	-246.31
12250	-4.71	-8.70	1.75	-22.17	-26.81	490.79	-30.42	-32.94	-210.74
12251	-3.73	-8.10	1.75	-19.04	-46.84	411.09	-34.28	-50.51	-266.19
12252	-3.66	-8.70	1.75	-19.49	-33.40	504.51	-30.80	-40.15	-228.53
12253	-2.66	-8.10	1.75	-14.70	-52.50	419.94	-32.58	-56.71	-282.34
12254	-2.61	-8.70	1.75	-16.06	-38.95	514.65	-30.13	-49.44	-243.04
12255	-1.60	-8.10	1.75	-9.40	-56.77	424.67	-29.88	-64.29	-294.36
12256	-1.57	-8.70	1.75	-11.49	-43.17	520.52	-28.65	-60.26	-253.95
12257	-0.53	-8.10	1.75	-2.97	-59.47	424.94	-26.50	-72.53	-301.92
12258	-0.52	-8.70	1.75	-5.59	-45.89	521.77	-26.62	-71.87	-261.00
12259	-16.90	-8.10	0.25	-40.75	-33.14	12.78	41.45	-49.66	47.09
12260	-16.61	-8.70	0.25	-34.99	-20.56	112.23	39.45	-25.29	59.61
12261	-15.81	-8.10	0.25	-83.09	-9.06	85.61	43.58	-67.74	17.78
12262	-15.54	-8.70	0.25	-69.21	6.67	176.15	42.85	-38.04	33.50
12263	-14.72	-8.10	0.25	-88.40	6.26	143.70	38.20	-63.66	-15.70
12264	-14.47	-8.70	0.25	-73.53	21.67	225.60	38.43	-35.41	1.06
12265	-13.63	-8.10	0.25	-82.79	14.48	182.14	29.71	-59.98	-49.30
12266	-13.40	-8.70	0.25	-68.65	29.40	259.76	30.59	-33.26	-31.77
12267	-12.54	-8.10	0.25	-73.17	18.50	210.18	20.13	-57.22	-82.30
12268	-12.33	-8.70	0.25	-60.47	33.07	285.95	21.72	-32.12	-63.80
12269	-11.45	-8.10	0.25	-62.19	19.44	231.83	10.62	-54.78	-114.50
12270	-11.26	-8.70	0.25	-51.16	33.57	307.00	12.84	-30.93	-94.61
12271	-10.36	-8.10	0.25	-51.12	18.06	249.51	1.79	-52.36	-145.83
12272	-10.18	-8.70	0.25	-41.89	31.84	325.01	4.57	-29.97	-124.46
12273	-9.27	-8.10	0.25	-40.60	14.96	264.71	-5.95	-50.10	-176.00
12274	-9.11	-8.70	0.25	-33.15	28.44	341.13	-2.75	-29.42	-152.83
12275	-8.18	-8.10	0.25	-30.95	10.67	278.23	-12.35	-48.16	-204.62
12276	-8.04	-8.70	0.25	-25.19	23.94	355.88	-8.90	-29.33	-179.44

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]
12277	-7.09	-8.10	0.25	-22.25	5.67	290.41	-17.25	-46.87	-231.34
12278	-6.97	-8.70	0.25	-18.09	18.81	369.45	-13.77	-30.11	-204.13
12279	-6.00	-8.10	0.25	-14.41	0.38	301.25	-20.63	-46.56	-255.76
12280	-5.90	-8.70	0.25	-11.70	13.44	381.73	-17.33	-32.10	-226.57
12281	-4.91	-8.10	0.25	-7.21	-4.82	310.49	-22.53	-47.44	-277.43
12282	-4.82	-8.70	0.25	-5.78	8.21	392.38	-19.64	-35.51	-246.42
12283	-3.82	-8.10	0.25	-0.35	-9.57	317.73	-23.07	-49.59	-295.94
12284	-3.75	-8.70	0.25	-0.02	3.43	400.96	-20.79	-40.36	-263.35
12285	-2.73	-8.10	0.25	6.46	-13.58	322.59	-22.46	-52.87	-310.90
12286	-2.68	-8.70	0.25	5.88	-0.61	407.01	-20.98	-46.50	-277.05
12287	-1.64	-8.10	0.25	13.44	-16.64	324.75	-20.97	-56.99	-321.97
12288	-1.61	-8.70	0.25	12.15	-3.72	410.22	-20.43	-53.62	-287.28
12289	-0.55	-8.10	0.25	20.70	-18.59	324.15	-18.90	-61.56	-328.88
12290	-0.54	-8.70	0.25	18.91	-5.75	410.46	-19.41	-61.31	-293.82
12291	-17.30	-8.10	-1.25	-168.81	-11.73	-119.40	74.42	-133.63	56.79
12292	-17.02	-8.70	-1.25	-139.66	16.89	-5.18	75.82	-91.00	76.66
12293	-16.18	-8.10	-1.25	-141.97	12.97	21.85	63.08	-75.00	-9.89
12294	-15.92	-8.70	-1.25	-117.90	35.73	101.93	65.06	-45.20	6.92
12295	-15.07	-8.10	-1.25	-118.35	23.92	80.91	53.01	-57.24	-54.13
12296	-14.83	-8.70	-1.25	-98.34	43.64	153.11	54.74	-31.76	-37.99
12297	-13.95	-8.10	-1.25	-98.14	30.13	121.37	42.09	-50.12	-90.91
12298	-13.73	-8.70	-1.25	-81.27	47.64	189.75	43.66	-26.71	-74.67
12299	-12.83	-8.10	-1.25	-80.25	33.47	150.53	31.32	-47.06	-124.29
12300	-12.63	-8.70	-1.25	-66.21	49.49	217.37	32.95	-25.30	-107.50
12301	-11.72	-8.10	-1.25	-63.99	34.78	172.48	21.30	-45.42	-155.58
12302	-11.53	-8.70	-1.25	-52.31	49.63	238.83	23.16	-24.75	-137.70
12303	-10.60	-8.10	-1.25	-49.03	34.49	189.46	12.36	-44.25	-185.37
12304	-10.43	-8.70	-1.25	-39.52	48.40	256.11	14.46	-24.78	-166.34
12305	-9.49	-8.10	-1.25	-35.29	32.93	202.95	4.65	-43.29	-213.70
12306	-9.33	-8.70	-1.25	-27.74	46.09	270.42	6.93	-25.28	-193.24
12307	-8.37	-8.10	-1.25	-22.72	30.49	213.88	-1.69	-42.47	-240.35
12308	-8.24	-8.70	-1.25	-16.96	43.09	282.44	0.69	-26.01	-218.28
12309	-7.25	-8.10	-1.25	-11.27	27.45	222.82	-6.60	-41.89	-265.10
12310	-7.14	-8.70	-1.25	-7.14	39.61	292.62	-4.25	-27.21	-241.41
12311	-6.14	-8.10	-1.25	-0.83	24.11	230.05	-10.08	-41.75	-287.63
12312	-6.04	-8.70	-1.25	1.84	35.94	301.16	-7.91	-29.06	-262.36
12313	-5.02	-8.10	-1.25	8.73	20.74	235.67	-12.21	-42.19	-307.57
12314	-4.94	-8.70	-1.25	10.13	32.33	308.06	-10.38	-31.72	-280.85
12315	-3.91	-8.10	-1.25	17.62	17.61	239.63	-13.11	-43.28	-324.55
12316	-3.84	-8.70	-1.25	17.93	29.00	313.23	-11.78	-35.21	-296.58
12317	-2.79	-8.10	-1.25	25.99	14.94	241.86	-12.99	-44.98	-338.24
12318	-2.75	-8.70	-1.25	25.42	26.17	316.55	-12.28	-39.47	-309.29
12319	-1.67	-8.10	-1.25	33.99	12.88	242.31	-12.08	-47.15	-348.35
12320	-1.65	-8.70	-1.25	32.74	23.98	317.93	-12.11	-44.34	-318.75
12321	-0.56	-8.10	-1.25	41.67	11.55	241.05	-10.68	-49.62	-354.65
12322	-0.55	-8.70	-1.25	39.98	22.55	317.41	-11.53	-49.63	-324.78
12323	10.96	-9.46	1.75	8.22	-24.22	596.96	-71.59	-191.43	-76.24
12324	11.94	-9.42	1.75	-20.34	-38.51	609.89	-86.88	-211.54	-62.39
12325	12.91	-9.37	1.75	-63.12	-61.30	625.58	-106.00	-242.34	-55.03
12326	11.13	-10.38	1.75	15.92	-14.02	743.01	-85.12	-239.71	-33.28
12327	11.99	-10.25	1.75	-8.14	-31.72	740.45	-98.89	-254.13	-30.99
12328	12.83	-10.10	1.75	-42.19	-56.62	738.46	-116.76	-273.98	-34.36
12329	11.30	-11.30	1.75	29.46	-8.27	893.33	-92.48	-283.17	12.76
12330	12.02	-11.07	1.75	10.82	-28.70	873.31	-102.95	-290.30	3.94
12331	12.74	-10.83	1.75	-13.80	-54.58	852.05	-117.65	-298.94	-8.64
12332	0.53	-9.82	1.75	-1.14	-17.25	692.03	-26.99	-88.43	-181.01
12333	1.58	-9.81	1.75	7.03	-17.48	684.59	-27.16	-104.85	-181.51
12334	2.64	-9.80	1.75	16.04	-16.65	672.62	-27.54	-119.61	-179.14
12335	3.69	-9.78	1.75	25.14	-15.00	657.50	-28.39	-132.15	-173.92
12336	4.74	-9.75	1.75	33.40	-12.86	640.83	-29.97	-142.30	-165.89
12337	5.79	-9.72	1.75	39.84	-10.68	624.35	-32.60	-150.26	-155.18
12338	6.84	-9.67	1.75	43.44	-9.02	609.75	-36.57	-156.68	-142.02
12339	7.88	-9.63	1.75	43.20	-8.55	598.54	-42.18	-162.53	-126.82
12340	8.92	-9.57	1.75	38.02	-10.10	591.95	-49.74	-169.13	-110.15
12341	9.96	-9.51	1.75	26.58	-14.58	590.84	-59.53	-178.13	-92.96
12342	0.55	-11.46	1.75	0.29	33.79	932.59	-30.55	-95.82	-51.64
12343	1.64	-11.44	1.75	8.64	32.30	924.72	-34.08	-120.61	-54.58
12344	2.73	-11.40	1.75	18.25	31.03	910.01	-37.45	-143.40	-56.70
12345	3.82	-11.33	1.75	28.25	29.83	889.91	-40.75	-163.37	-57.77
12346	4.90	-11.25	1.75	37.59	28.41	866.13	-44.14	-180.09	-57.57
12347	5.97	-11.15	1.75	45.11	26.41	840.56	-47.86	-193.55	-55.96
12348	7.04	-11.02	1.75	49.66	23.34	815.01	-52.26	-204.20	-52.88
12349	8.10	-10.88	1.75	50.05	18.59	791.09	-57.73	-212.87	-48.51
12350	9.15	-10.72	1.75	45.11	11.39	770.04	-64.78	-220.68	-43.29
12351	10.19	-10.54	1.75	33.43	0.76	752.63	-74.02	-229.07	-38.08
12352	0.57	-13.10	1.75	8.98	88.74	1166.02	-33.54	-103.56	87.68
12353	1.70	-13.07	1.75	17.31	85.67	1158.48	-39.96	-135.81	82.36
12354	2.82	-12.99	1.75	27.09	81.70	1142.40	-45.87	-165.92	75.79
12355	3.94	-12.89	1.75	37.41	76.75	1119.14	-51.17	-192.83	68.35
12356	5.05	-12.75	1.75	47.17	70.72	1090.32	-55.90	-215.86	60.43
12357	6.16	-12.58	1.75	55.15	63.38	1057.74	-60.24	-234.75	52.44
12358	7.25	-12.37	1.75	60.11	54.40	1023.10	-64.54	-249.68	44.63
12359	8.32	-12.13	1.75	60.85	43.29	987.89	-69.30	-261.14	37.06
12360	9.38	-11.86	1.75	56.18	29.31	953.22	-75.17	-269.92	29.46
12361	10.41	-11.56	1.75	44.92	11.61	919.70	-83.17	-276.94	20.99
12362	0.58	-14.74	1.75	25.02	136.96	1411.44	-35.54	-112.38	238.65
12363	1.75	-14.69	1.75	33.01	132.21	1404.59	-43.80	-151.48	230.88
12364	2.91	-14.59	1.75	42.30	125.29	1387.68	-51.25	-188.36	219.60
12365	4.07	-14.45	1.75	52.04	116.32	1361.85	-57.59	-221.75	205.26
12366	5.21	-14.25	1.75	61.13	105.36	1328.50	-62.75	-250.70	188.40
12367	6.34	-14.01	1.75	68.40	92.41	1289.11	-66.85	-274.64	169.59
12368	7.45	-13.72	1.75	72.65	77.38	1245.13	-70.27	-293.34	149.32
12369	8.54	-13.38	1.75	72.75	60.00	1197.73	-73.55	-306.92	127.89
12370	9.61	-13.01	1.75	67.71	39.72	1147.74	-77.49	-315.71	105.39
12371	10.64	-12.59	1.75	56.79	15.31	1095.38	-83.26	-320.29	81.66
12372	0.60	-16.38	1.75	43.42	149.20	1681.32	-35.29	-122.13	383.93
12373	1.81	-16.32	1.75	50.42	143.21	1674.76	-43.25	-166.59	373.41
12374	3.01	-16.19	1.75	58.18	134.44	1656.03	-50.19	-208.71	356.85
12375	4.20	-16.00	1.75	65.96	123.07	1626.05	-55.79	-247.02	334.82

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]
12376	5.37	-15.75	1.75	72.82	109.36	1585.91	-59.95	-280.30	308.04
12377	6.52	-15.44	1.75	77.77	93.54	1536.79	-62.82	-307.65	277.33
12378	7.66	-15.07	1.75	79.83	75.74	1479.81	-64.81	-328.54	243.53
12379	8.76	-14.64	1.75	78.18	55.93	1415.97	-66.59	-342.72	207.44
12380	9.83	-14.15	1.75	72.24	33.71	1345.93	-69.02	-350.32	169.74
12381	10.87	-13.61	1.75	61.71	8.14	1269.98	-73.13	-351.74	130.84
12382	0.62	-18.02	1.75	59.19	138.70	1941.00	-32.93	-130.86	481.74
12383	1.87	-17.94	1.75	64.76	132.80	1934.08	-40.13	-177.07	469.07
12384	3.10	-17.79	1.75	70.65	124.47	1912.50	-46.34	-221.00	448.84
12385	4.32	-17.56	1.75	76.30	113.88	1876.93	-51.36	-261.17	421.65
12386	5.53	-17.25	1.75	81.06	101.29	1828.29	-55.20	-296.31	388.35
12387	6.71	-16.87	1.75	84.23	86.94	1767.60	-58.02	-325.42	349.98
12388	7.86	-16.41	1.75	85.20	70.95	1695.96	-60.24	-347.81	307.70
12389	8.98	-15.89	1.75	83.51	53.22	1614.45	-62.43	-363.13	262.68
12390	10.06	-15.30	1.75	78.91	33.36	1524.00	-65.34	-371.33	216.00
12391	11.10	-14.64	1.75	71.39	10.44	1425.23	-69.72	-372.85	168.68
12392	15.78	-9.51	1.75	-314.84	-415.18	542.64	-335.12	-495.70	-265.59
12393	15.19	-10.51	1.75	-10.18	-242.70	814.78	-170.46	-325.52	-103.74
12394	14.54	-11.48	1.75	10.13	-151.11	960.87	-123.98	-334.45	-27.27
12395	14.82	-9.44	1.75	-207.66	-163.47	638.15	-183.36	-371.65	-106.17
12396	14.41	-10.32	1.75	-98.38	-163.77	786.11	-178.50	-335.73	-74.72
12397	13.96	-11.16	1.75	-14.93	-125.53	922.94	-131.17	-323.59	-23.39
12398	13.87	-9.38	1.75	-124.20	-100.89	643.62	-135.23	-293.18	-61.58
12399	13.64	-10.13	1.75	-78.51	-94.08	757.46	-143.24	-306.08	-45.29
12400	13.68	-10.86	1.75	-29.73	-87.84	869.77	-131.02	-314.38	-17.72
12401	12.07	-13.93	1.75	60.98	-15.41	1320.47	-77.04	-368.32	122.03
12402	11.79	-13.06	1.75	47.61	-18.35	1192.15	-79.87	-347.97	93.35
12403	11.51	-12.19	1.75	42.13	-9.16	1046.38	-90.71	-321.49	59.05
12404	12.96	-13.17	1.75	48.64	-48.07	1210.35	-87.19	-358.72	75.95
12405	12.59	-12.49	1.75	31.93	-47.86	1112.80	-89.96	-340.84	57.40
12406	12.22	-11.81	1.75	25.56	-33.84	1000.47	-99.45	-320.86	37.18
12407	13.79	-12.36	1.75	34.52	-89.52	1093.21	-102.01	-346.20	27.80
12408	13.35	-11.89	1.75	12.42	-84.38	1027.77	-104.74	-332.41	19.50
12409	12.91	-11.42	1.75	4.85	-64.35	951.40	-112.46	-319.18	11.86
12410	11.25	-9.48	0.25	42.85	11.47	502.97	-77.89	-206.07	-118.54
12411	12.25	-9.43	0.25	25.64	-0.82	510.27	-93.56	-240.60	-104.94
12412	13.25	-9.38	0.25	1.25	-20.03	516.87	-110.74	-289.15	-97.13
12413	11.42	-10.43	0.25	61.92	27.77	640.22	-94.70	-258.46	-72.01
12414	12.30	-10.29	0.25	48.82	11.78	635.98	-108.55	-286.40	-68.83
12415	13.17	-10.14	0.25	30.16	-10.41	631.65	-123.96	-321.98	-70.99
12416	11.60	-11.38	0.25	88.57	42.75	785.95	-105.72	-308.80	-16.31
12417	12.34	-11.14	0.25	78.68	22.97	769.01	-115.35	-327.96	-23.92
12418	13.08	-10.89	0.25	64.66	-2.16	751.59	-126.57	-349.98	-35.17
12419	0.54	-9.85	0.25	25.01	22.34	568.78	-21.30	-74.58	-221.77
12420	1.62	-9.84	0.25	32.63	22.06	563.54	-22.24	-87.46	-221.93
12421	2.70	-9.83	0.25	40.54	22.54	555.23	-23.50	-99.55	-219.25
12422	3.79	-9.81	0.25	48.23	23.59	544.80	-25.34	-110.59	-213.79
12423	4.86	-9.78	0.25	55.09	24.93	533.41	-28.05	-120.61	-205.64
12424	5.94	-9.74	0.25	60.46	26.20	522.23	-31.92	-129.99	-194.96
12425	7.01	-9.70	0.25	63.71	26.96	512.41	-37.24	-139.45	-182.01
12426	8.08	-9.65	0.25	64.18	26.66	504.91	-44.31	-150.08	-167.21
12427	9.15	-9.59	0.25	61.23	24.65	500.46	-53.37	-163.37	-151.09
12428	10.21	-9.53	0.25	54.10	20.17	499.41	-64.62	-181.30	-134.55
12429	0.56	-11.55	0.25	29.08	74.45	795.19	-25.91	-82.72	-100.20
12430	1.68	-11.53	0.25	37.20	73.10	789.32	-29.95	-103.84	-102.46
12431	2.80	-11.49	0.25	46.10	71.86	778.13	-34.04	-123.87	-103.60
12432	3.92	-11.42	0.25	55.19	70.57	762.67	-38.32	-142.31	-103.47
12433	5.03	-11.34	0.25	63.74	68.99	744.21	-42.96	-158.99	-101.98
12434	6.13	-11.23	0.25	70.98	66.80	724.10	-48.24	-174.09	-99.06
12435	7.23	-11.10	0.25	76.13	63.57	703.64	-54.46	-188.19	-94.76
12436	8.31	-10.95	0.25	78.42	58.75	683.98	-61.96	-202.24	-89.32
12437	9.39	-10.78	0.25	77.08	51.67	665.98	-71.12	-217.56	-83.22
12438	10.45	-10.60	0.25	71.25	41.45	650.10	-82.28	-235.94	-77.32
12439	0.58	-13.26	0.25	41.86	137.03	1015.80	-30.56	-91.44	38.10
12440	1.74	-13.22	0.25	50.47	134.28	1009.92	-37.67	-120.34	33.76
12441	2.90	-13.15	0.25	60.21	130.68	996.96	-44.53	-148.02	28.75
12442	4.05	-13.04	0.25	70.44	126.13	977.96	-51.12	-173.77	23.34
12443	5.19	-12.89	0.25	80.40	120.48	954.20	-57.51	-197.20	17.80
12444	6.32	-12.71	0.25	89.24	113.49	927.04	-63.87	-218.28	12.37
12445	7.44	-12.50	0.25	96.10	104.80	897.85	-70.49	-237.35	7.18
12446	8.55	-12.25	0.25	100.11	93.89	867.85	-77.71	-255.09	2.18
12447	9.63	-11.97	0.25	100.44	80.03	837.98	-85.95	-272.48	-3.02
12448	10.69	-11.66	0.25	96.15	62.35	808.85	-95.74	-290.62	-9.45
12449	0.60	-14.96	0.25	64.32	206.74	1241.11	-35.07	-101.73	199.27
12450	1.80	-14.91	0.25	73.32	202.30	1235.77	-44.94	-138.52	192.82
12451	3.00	-14.80	0.25	83.59	195.77	1222.08	-54.19	-174.03	183.83
12452	4.18	-14.65	0.25	94.47	187.15	1200.97	-62.64	-207.39	172.57
12453	5.36	-14.45	0.25	105.20	176.39	1173.62	-70.19	-238.00	159.39
12454	6.52	-14.20	0.25	114.86	163.39	1141.32	-76.89	-265.52	144.65
12455	7.66	-13.90	0.25	122.52	147.91	1105.34	-82.94	-289.95	128.57
12456	8.78	-13.55	0.25	127.22	129.56	1066.86	-88.61	-311.54	111.23
12457	9.87	-13.16	0.25	128.04	107.68	1026.75	-94.29	-330.72	92.36
12458	10.94	-12.72	0.25	124.18	81.13	985.33	-100.61	-347.98	71.43
12459	0.62	-16.66	0.25	103.81	273.83	1535.21	-38.97	-116.37	410.01
12460	1.86	-16.60	0.25	112.77	267.33	1530.67	-50.25	-162.59	400.73
12461	3.09	-16.46	0.25	122.54	257.02	1516.22	-60.54	-207.42	385.89
12462	4.32	-16.27	0.25	132.57	243.16	1492.66	-69.34	-249.63	365.92
12463	5.52	-16.00	0.25	142.02	225.91	1460.90	-76.41	-288.22	341.24
12464	6.71	-15.68	0.25	149.94	205.44	1421.95	-81.67	-322.44	312.33
12465	7.87	-15.29	0.25	155.30	181.83	1376.77	-85.23	-351.71	279.62
12466	9.01	-14.85	0.25	157.08	155.03	1326.16	-87.39	-375.67	243.44
12467	10.11	-14.34	0.25	154.21	124.69	1270.56	-88.56	-394.02	203.91
12468	11.18	-13.78	0.25	145.99	90.15	1210.02	-89.34	-406.77	160.99
12469	0.64	-18.36	0.25	129.95	181.87	1905.92	-33.31	-130.61	537.93
12470	1.92	-18.28	0.25	136.46	175.13	1900.47	-37.60	-179.94	524.90
12471	3.19	-18.12	0.25	142.28	165.55	1881.45	-40.73	-227.45	503.48
12472	4.45	-17.88	0.25	146.86	153.08	1849.44	-42.55	-271.68	474.06
12473	5.69	-17.56	0.25	149.55	138.03	1805.17	-42.99	-311.29	437.33
12474	6.90	-17.16	0.25	149.64	120.71	1749.47	-42.16	-345.11	394.11

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]
12475	8.09	-16.69	0.25	146.47	101.31	1683.14	-40.38	-372.22	345.36
12476	9.24	-16.15	0.25	139.45	79.88	1606.90	-38.19	-391.90	292.07
12477	10.35	-15.53	0.25	128.18	56.26	1521.28	-36.30	-403.66	235.20
12478	11.42	-14.85	0.25	112.07	29.27	1426.29	-35.13	-407.02	175.48
12479	16.19	-9.53	0.25	-161.32	-296.17	461.83	-202.00	-509.70	-301.44
12480	15.59	-10.57	0.25	9.20	-190.11	771.43	-105.64	-351.83	-147.04
12481	14.93	-11.57	0.25	23.81	-122.04	943.99	-70.51	-363.61	-68.14
12482	15.21	-9.46	0.25	-72.45	-100.59	536.20	-150.56	-439.51	-135.43
12483	14.79	-10.37	0.25	7.34	-99.41	720.37	-153.89	-413.17	-96.71
12484	14.33	-11.24	0.25	68.29	-66.23	883.24	-118.32	-402.33	-34.18
12485	14.23	-9.39	0.25	-28.64	-51.72	526.83	-130.82	-357.41	-100.07
12486	14.00	-10.17	0.25	14.72	-41.92	655.40	-141.87	-371.19	-76.83
12487	13.74	-10.92	0.25	59.17	-31.28	784.88	-133.08	-380.69	-37.88
12488	12.40	-14.11	0.25	91.89	0.35	1322.89	-36.77	-402.63	115.46
12489	12.11	-13.21	0.25	133.11	55.18	1145.18	-91.07	-412.94	117.05
12490	11.83	-12.30	0.25	116.21	54.29	946.36	-106.93	-361.52	49.98
12491	13.31	-13.33	0.25	70.85	-32.20	1210.87	-42.51	-392.41	56.05
12492	12.93	-12.62	0.25	116.18	18.41	1075.27	-94.54	-412.55	71.96
12493	12.55	-11.92	0.25	104.96	27.19	909.58	-112.73	-371.85	27.35
12494	14.17	-12.49	0.25	48.23	-71.72	1088.02	-51.85	-376.76	-5.79
12495	13.71	-11.99	0.25	93.51	-24.53	997.22	-100.33	-408.23	22.37
12496	13.26	-11.51	0.25	88.99	-4.90	870.30	-120.02	-381.02	-0.16
12497	11.53	-9.49	-1.25	87.73	40.04	400.65	-74.29	-198.00	-168.68
12498	12.56	-9.45	-1.25	88.79	32.71	397.95	-90.28	-234.42	-156.43
12499	13.58	-9.40	-1.25	92.82	22.01	391.96	-107.80	-282.92	-147.37
12500	11.72	-10.48	-1.25	118.86	62.51	523.57	-95.50	-246.37	-125.68
12501	12.61	-10.34	-1.25	124.46	52.57	511.81	-110.56	-276.83	-122.10
12502	13.51	-10.18	-1.25	131.92	39.37	498.72	-126.88	-314.58	-121.13
12503	11.90	-11.47	-1.25	161.91	90.07	652.94	-114.92	-293.78	-71.13
12504	12.66	-11.22	-1.25	170.04	76.21	631.97	-126.22	-317.16	-76.51
12505	13.42	-10.96	-1.25	179.92	59.54	610.53	-139.15	-344.77	-82.43
12506	0.55	-9.88	-1.25	46.25	48.23	462.81	-14.37	-60.59	-260.40
12507	1.66	-9.87	-1.25	53.45	47.98	458.86	-15.51	-71.01	-260.48
12508	2.77	-9.86	-1.25	60.62	48.28	452.73	-17.01	-81.17	-257.91
12509	3.88	-9.84	-1.25	67.47	48.97	445.10	-19.14	-90.97	-252.79
12510	4.99	-9.81	-1.25	73.66	49.86	436.71	-22.17	-100.57	-245.24
12511	6.09	-9.77	-1.25	78.89	50.67	428.31	-26.39	-110.37	-235.48
12512	7.19	-9.72	-1.25	82.89	51.08	420.53	-32.07	-121.07	-223.82
12513	8.29	-9.67	-1.25	85.52	50.72	413.81	-39.51	-133.67	-210.68
12514	9.38	-9.62	-1.25	86.84	49.16	408.29	-48.95	-149.53	-196.61
12515	10.47	-9.55	-1.25	87.13	45.92	403.69	-60.59	-170.41	-182.37
12516	0.58	-11.65	-1.25	50.83	97.82	673.51	-20.05	-68.65	-149.41
12517	1.73	-11.62	-1.25	58.84	96.70	668.74	-24.07	-86.71	-151.41
12518	2.88	-11.58	-1.25	67.38	95.65	659.60	-28.27	-104.22	-152.27
12519	4.02	-11.51	-1.25	76.12	94.55	646.85	-32.81	-120.86	-151.94
12520	5.16	-11.42	-1.25	84.66	93.23	631.34	-37.92	-136.58	-150.41
12521	6.29	-11.31	-1.25	92.60	91.43	613.99	-43.84	-151.62	-147.69
12522	7.42	-11.17	-1.25	99.63	88.84	595.60	-50.90	-166.52	-143.93
12523	8.53	-11.02	-1.25	105.55	85.08	576.80	-59.39	-182.17	-139.37
12524	9.63	-10.85	-1.25	110.35	79.69	557.93	-69.65	-199.78	-134.48
12525	10.72	-10.65	-1.25	114.27	72.10	538.92	-81.90	-220.98	-129.93
12526	0.60	-13.41	-1.25	64.76	163.60	875.45	-26.35	-77.01	-22.14
12527	1.79	-13.37	-1.25	73.76	161.28	870.35	-33.67	-102.25	-26.06
12528	2.98	-13.30	-1.25	83.82	158.32	859.09	-40.93	-126.79	-30.44
12529	4.16	-13.18	-1.25	94.60	154.65	842.44	-48.18	-150.11	-35.13
12530	5.33	-13.03	-1.25	105.68	150.13	821.32	-55.55	-171.96	-39.96
12531	6.49	-12.85	-1.25	116.64	144.56	796.70	-63.24	-192.40	-44.78
12532	7.64	-12.62	-1.25	127.13	137.67	769.51	-71.52	-211.79	-49.52
12533	8.77	-12.37	-1.25	136.91	129.09	740.52	-80.72	-230.82	-54.23
12534	9.88	-12.08	-1.25	145.93	118.34	710.31	-91.18	-250.46	-59.19
12535	10.97	-11.75	-1.25	154.22	104.80	679.17	-103.15	-271.86	-65.15
12536	0.62	-15.18	-1.25	92.48	253.45	1083.15	-33.74	-86.80	128.42
12537	1.85	-15.12	-1.25	102.68	249.61	1078.09	-44.97	-119.37	122.63
12538	3.08	-15.02	-1.25	114.40	244.15	1065.28	-55.83	-151.20	114.70
12539	4.30	-14.86	-1.25	127.30	237.02	1045.53	-66.23	-181.60	104.87
12540	5.50	-14.65	-1.25	140.99	228.17	1019.74	-76.16	-210.15	93.42
12541	6.69	-14.38	-1.25	155.03	217.49	988.92	-85.71	-236.71	80.65
12542	7.87	-14.07	-1.25	169.03	204.76	954.12	-95.05	-261.44	66.81
12543	9.01	-13.71	-1.25	182.71	189.65	916.30	-104.41	-284.80	52.07
12544	10.13	-13.31	-1.25	195.93	171.66	876.29	-114.06	-307.50	36.38
12545	11.23	-12.86	-1.25	208.76	150.10	834.68	-124.28	-330.38	19.53
12546	0.64	-16.94	-1.25	137.76	389.55	1283.58	-43.58	-99.67	321.38
12547	1.91	-16.87	-1.25	149.58	383.56	1279.40	-60.29	-140.91	313.78
12548	3.18	-16.74	-1.25	163.40	374.17	1267.22	-76.20	-181.47	302.45
12549	4.44	-16.53	-1.25	178.92	361.51	1247.54	-90.91	-220.67	287.48
12550	5.68	-16.26	-1.25	195.69	345.63	1221.25	-104.21	-257.93	269.19
12551	6.90	-15.92	-1.25	213.19	326.59	1189.37	-115.93	-292.91	247.92
12552	8.09	-15.52	-1.25	230.92	304.35	1152.99	-126.03	-325.51	223.97
12553	9.25	-15.06	-1.25	248.39	278.75	1113.21	-134.55	-355.86	197.55
12554	10.39	-14.54	-1.25	265.18	249.47	1071.15	-141.54	-384.37	168.78
12555	11.48	-13.96	-1.25	281.06	216.04	1027.25	-147.17	-411.36	137.38
12556	0.66	-18.71	-1.25	277.74	596.04	1954.51	-59.99	-139.63	769.91
12557	1.98	-18.62	-1.25	291.48	585.81	1951.05	-81.01	-203.99	757.26
12558	3.28	-18.46	-1.25	306.70	569.25	1935.69	-100.47	-267.49	735.19
12559	4.58	-18.21	-1.25	322.96	546.61	1909.20	-117.71	-328.73	704.24
12560	5.85	-17.87	-1.25	339.73	518.32	1872.36	-132.16	-386.49	664.92
12561	7.10	-17.46	-1.25	356.33	484.84	1826.06	-143.42	-439.67	617.84
12562	8.32	-16.97	-1.25	372.04	446.63	1771.17	-151.24	-487.40	563.73
12563	9.50	-16.41	-1.25	386.10	404.07	1708.52	-155.58	-528.97	503.30
12564	10.64	-15.77	-1.25	397.89	357.46	1638.90	-156.58	-563.87	437.25
12565	11.73	-15.06	-1.25	406.64	306.49	1563.04	-154.32	-592.02	366.66
12566	16.59	-9.55	-1.25	177.55	-104.03	522.03	-185.90	-591.24	-198.89
12567	15.99	-10.62	-1.25	337.38	-21.49	897.35	-141.26	-553.57	-64.02
12568	15.32	-11.66	-1.25	377.49	60.39	1103.33	-131.55	-594.80	36.26
12569	15.59	-9.48	-1.25	132.97	-9.75	411.05	-154.85	-442.07	-144.36
12570	15.17	-10.41	-1.25	218.38	2.53	593.73	-169.80	-443.24	-104.30
12571	14.70	-11.32	-1.25	283.53	48.29	766.80	-158.06	-457.83	-34.18
12572	14.59	-9.41	-1.25	108.60	7.97	392.01	-129.32	-349.44	-140.44
12573	14.35	-10.21	-1.25	159.34	25.53	516.09	-148.43	-370.01	-115.85



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]
12574	14.09	-10.99	-1.25	210.64	48.99	642.61	-153.03	-388.49	-72.20
12575	12.74	-14.29	-1.25	409.78	252.36	1475.02	-149.58	-610.77	291.77
12576	12.44	-13.36	-1.25	292.73	180.72	979.76	-151.05	-432.81	103.09
12577	12.14	-12.42	-1.25	219.31	128.15	795.93	-133.47	-350.85	2.55
12578	13.67	-13.48	-1.25	407.14	194.19	1373.92	-143.52	-617.38	212.15
12579	13.27	-12.75	-1.25	299.42	142.18	928.98	-152.97	-449.14	65.55
12580	12.88	-12.02	-1.25	227.14	105.34	760.34	-140.75	-369.27	-15.21
12581	14.55	-12.61	-1.25	400.19	131.79	1262.36	-136.68	-615.41	129.60
12582	14.07	-12.10	-1.25	302.83	98.77	875.19	-154.23	-464.34	24.92
12583	13.60	-11.60	-1.25	233.54	79.19	724.32	-147.73	-388.78	-36.10
12584	-10.98	-9.45	1.75	-34.66	25.45	479.25	3.67	-1.73	-22.31
12585	-11.95	-9.41	1.75	-38.64	24.70	452.94	10.11	-3.43	0.55
12586	-12.92	-9.36	1.75	-41.29	21.01	423.73	16.29	-4.04	22.73
12587	-11.17	-10.34	1.75	-23.58	43.27	598.39	10.86	32.65	29.34
12588	-12.02	-10.22	1.75	-27.07	38.95	562.48	14.86	29.52	41.98
12589	-12.86	-10.08	1.75	-30.01	32.64	523.93	18.64	25.95	54.10
12590	-11.35	-11.25	1.75	-12.18	58.22	723.08	16.18	65.51	84.22
12591	-12.07	-11.03	1.75	-15.86	50.67	676.01	17.98	60.61	85.62
12592	-12.78	-10.80	1.75	-19.09	42.28	626.13	20.26	54.53	87.50
12593	-0.53	-9.82	1.75	-8.03	-15.80	693.44	-26.83	-71.19	-177.95
12594	-1.60	-9.80	1.75	-13.18	-13.35	688.39	-26.46	-53.81	-172.44
12595	-2.66	-9.78	1.75	-16.65	-9.71	677.53	-25.76	-37.73	-164.28
12596	-3.72	-9.76	1.75	-18.73	-5.07	661.38	-24.58	-23.82	-153.54
12597	-4.77	-9.73	1.75	-19.91	0.31	640.83	-22.81	-12.72	-140.36
12598	-5.82	-9.69	1.75	-20.79	6.09	616.92	-20.32	-4.75	-124.92
12599	-6.87	-9.65	1.75	-21.93	11.88	590.76	-17.05	0.10	-107.40
12600	-7.91	-9.61	1.75	-23.81	17.23	563.28	-12.94	2.14	-88.05
12601	-8.94	-9.55	1.75	-26.70	21.68	535.12	-8.02	1.95	-67.17
12602	-9.98	-9.50	1.75	-30.59	24.71	506.47	-2.38	0.28	-45.21
12603	-0.56	-11.45	1.75	-6.34	35.45	931.33	-26.84	-69.89	-48.69
12604	-1.68	-11.41	1.75	-10.85	37.17	920.59	-23.02	-44.22	-45.71
12605	-2.79	-11.36	1.75	-13.22	39.32	902.04	-19.24	-20.70	-41.82
12606	-3.89	-11.29	1.75	-13.92	41.73	876.46	-15.54	-0.42	-36.96
12607	-4.98	-11.20	1.75	-13.62	44.21	844.98	-11.92	15.86	-31.02
12608	-6.06	-11.09	1.75	-13.08	46.48	808.88	-8.35	27.76	-23.88
12609	-7.12	-10.97	1.75	-13.00	48.24	769.40	-4.76	35.30	-15.47
12610	-8.17	-10.83	1.75	-13.94	49.13	727.54	-1.06	38.81	-5.79
12611	-9.21	-10.67	1.75	-16.21	48.80	683.96	2.82	38.84	5.02
12612	-10.24	-10.50	1.75	-19.84	46.88	638.80	6.90	36.12	16.71
12613	-0.59	-13.09	1.75	2.51	90.70	1162.47	-26.69	-69.95	90.66
12614	-1.76	-13.03	1.75	-1.69	91.53	1147.54	-19.78	-36.79	91.37
12615	-2.91	-12.95	1.75	-3.55	91.65	1123.27	-13.28	-6.41	91.01
12616	-4.05	-12.83	1.75	-3.65	91.02	1090.50	-7.40	19.94	89.84
12617	-5.17	-12.68	1.75	-2.75	89.58	1050.38	-2.27	41.39	88.22
12618	-6.27	-12.51	1.75	-1.71	87.23	1004.17	2.09	57.50	86.51
12619	-7.35	-12.30	1.75	-1.28	83.86	953.04	5.74	68.17	85.03
12620	-8.42	-12.06	1.75	-2.07	79.31	897.92	8.83	73.65	84.02
12621	-9.46	-11.80	1.75	-4.40	73.37	839.37	11.54	74.38	83.55
12622	-10.49	-11.51	1.75	-8.27	66.02	777.54	14.11	70.83	83.42
12623	-0.61	-14.73	1.75	18.75	139.33	1405.83	-26.59	-71.79	241.79
12624	-1.81	-14.66	1.75	14.58	139.39	1387.50	-17.61	-31.85	240.44
12625	-3.00	-14.55	1.75	12.57	137.38	1358.48	-9.28	4.90	235.79
12626	-4.18	-14.39	1.75	12.17	133.42	1319.44	-1.97	37.11	228.24
12627	-5.33	-14.19	1.75	12.61	127.69	1271.34	4.08	63.77	218.33
12628	-6.46	-13.94	1.75	13.06	120.37	1215.21	8.80	84.25	206.66
12629	-7.56	-13.65	1.75	12.77	111.60	1152.02	12.27	98.29	193.79
12630	-8.64	-13.32	1.75	11.18	101.51	1082.49	14.69	105.95	180.23
12631	-9.69	-12.95	1.75	7.99	90.19	1007.07	16.36	107.54	166.40
12632	-10.72	-12.54	1.75	3.31	77.66	925.79	17.73	103.59	152.80
12633	-0.62	-16.37	1.75	37.62	152.19	1673.90	-26.61	-76.23	387.60
12634	-1.86	-16.30	1.75	33.31	152.18	1652.26	-17.79	-31.16	384.58
12635	-3.08	-16.16	1.75	30.56	149.12	1617.91	-9.57	10.60	375.66
12636	-4.28	-15.96	1.75	28.94	143.41	1571.33	-2.37	47.56	361.42
12637	-5.46	-15.70	1.75	27.86	135.44	1513.22	3.51	78.57	342.65
12638	-6.61	-15.39	1.75	26.68	125.63	1444.40	8.01	102.80	320.23
12639	-7.74	-15.02	1.75	24.83	114.41	1365.69	11.22	119.80	295.15
12640	-8.84	-14.59	1.75	21.92	102.14	1277.82	13.43	129.51	268.34
12641	-9.90	-14.11	1.75	17.81	89.12	1181.36	15.01	132.21	240.78
12642	-10.93	-13.57	1.75	12.64	75.44	1076.75	16.38	128.49	213.35
12643	-0.63	-18.02	1.75	54.31	141.87	1932.37	-25.14	-83.64	486.33
12644	-1.88	-17.94	1.75	50.29	142.35	1907.79	-17.21	-37.30	483.02
12645	-3.13	-17.78	1.75	47.23	140.05	1867.87	-9.52	6.19	472.15
12646	-4.35	-17.54	1.75	44.94	135.35	1813.06	-2.49	45.40	454.39
12647	-5.56	-17.23	1.75	43.07	128.60	1743.97	3.62	79.13	430.68
12648	-6.74	-16.85	1.75	41.24	120.20	1661.41	8.70	106.49	402.13
12649	-7.89	-16.40	1.75	39.08	110.53	1566.32	12.80	126.90	369.95
12650	-9.01	-15.87	1.75	36.30	99.92	1459.69	16.07	140.16	335.39
12651	-10.09	-15.28	1.75	32.74	88.62	1342.57	18.73	146.35	299.66
12652	-11.12	-14.62	1.75	28.49	76.71	1215.89	21.02	145.98	264.00
12653	-15.78	-9.51	1.75	-16.22	-4.21	338.67	30.47	27.11	84.53
12654	-15.19	-10.51	1.75	-6.12	11.03	498.34	29.40	60.15	109.03
12655	-14.55	-11.47	1.75	3.55	25.54	654.61	28.57	88.65	136.77
12656	-14.83	-9.44	1.75	-30.60	6.08	372.99	26.48	9.97	67.32
12657	-14.42	-10.31	1.75	-19.84	18.19	505.90	25.02	42.94	92.11
12658	-13.98	-11.15	1.75	-10.19	28.86	637.42	23.32	71.63	118.84
12659	-13.88	-9.37	1.75	-39.19	14.92	397.73	22.18	-0.03	46.27
12660	-13.66	-10.11	1.75	-27.71	26.01	505.59	22.41	30.60	71.89
12661	-13.41	-10.83	1.75	-17.90	35.19	614.09	21.78	58.06	99.31
12662	-12.09	-13.92	1.75	23.27	64.87	1083.38	23.37	139.55	229.83
12663	-11.83	-13.02	1.75	6.87	62.92	971.55	17.82	119.84	187.91
12664	-11.57	-12.14	1.75	-1.78	66.09	849.61	18.93	96.34	140.66
12665	-12.97	-13.16	1.75	17.54	52.23	946.70	25.48	127.47	197.49
12666	-12.62	-12.46	1.75	1.63	51.14	867.20	19.45	107.76	164.90
12667	-12.27	-11.78	1.75	-6.30	55.58	779.49	19.70	87.77	129.65
12668	-13.80	-12.36	1.75	10.98	39.29	804.10	27.23	111.15	167.07
12669	-13.37	-11.87	1.75	-3.46	39.41	758.15	21.43	92.82	143.53
12670	-12.94	-11.39	1.75	-10.69	44.41	706.03	20.78	76.72	118.42
12671	-11.26	-9.46	0.25	-39.15	51.57	399.61	18.09	-3.23	-58.77
12672	-12.26	-9.42	0.25	-46.93	49.91	374.62	25.60	-4.16	-32.84

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]
12673	-13.26	-9.37	0.25	-53.97	45.29	345.66	32.77	-5.33	-5.94
12674	-11.47	-10.39	0.25	-24.89	75.94	510.14	26.03	31.60	-2.40
12675	-12.34	-10.26	0.25	-31.45	70.89	476.77	31.24	29.49	14.29
12676	-13.20	-10.12	0.25	-37.99	63.35	440.39	35.93	25.86	31.56
12677	-11.66	-11.33	0.25	-8.46	100.58	627.62	33.15	66.89	61.96
12678	-12.39	-11.10	0.25	-14.84	91.49	584.81	35.86	63.04	67.32
12679	-13.12	-10.86	0.25	-21.39	80.60	539.20	38.46	57.10	73.76
12680	-0.55	-9.85	0.25	17.94	23.49	569.70	-20.45	-61.39	-219.01
12681	-1.64	-9.83	0.25	11.76	25.33	565.97	-19.44	-48.20	-213.72
12682	-2.73	-9.81	0.25	6.45	28.03	558.14	-18.13	-36.03	-205.70
12683	-3.82	-9.79	0.25	1.79	31.46	546.46	-16.33	-25.43	-195.01
12684	-4.90	-9.76	0.25	-2.53	35.40	531.43	-13.89	-16.78	-181.78
12685	-5.97	-9.72	0.25	-6.92	39.59	513.64	-10.69	-10.28	-166.17
12686	-7.05	-9.68	0.25	-11.77	43.72	493.67	-6.63	-5.89	-148.35
12687	-8.11	-9.63	0.25	-17.37	47.42	472.01	-1.66	-3.41	-128.50
12688	-9.18	-9.57	0.25	-23.93	50.31	448.88	4.22	-2.48	-106.83
12689	-10.23	-9.51	0.25	-31.44	51.93	424.21	10.92	-2.66	-83.62
12690	-0.58	-11.54	0.25	21.97	75.79	793.74	-21.81	-61.04	-97.53
12691	-1.73	-11.51	0.25	16.16	77.03	784.71	-17.61	-39.74	-94.39
12692	-2.87	-11.45	0.25	11.72	78.56	769.63	-13.41	-20.22	-89.92
12693	-4.00	-11.37	0.25	8.30	80.26	748.97	-9.15	-3.23	-84.09
12694	-5.12	-11.28	0.25	5.40	81.95	723.43	-4.80	10.72	-76.85
12695	-6.22	-11.17	0.25	2.49	83.38	693.81	-0.27	21.36	-68.13
12696	-7.31	-11.04	0.25	-0.97	84.28	660.90	4.49	28.71	-57.88
12697	-8.39	-10.89	0.25	-5.38	84.32	625.28	9.55	32.95	-46.10
12698	-9.46	-10.73	0.25	-11.03	83.14	587.32	14.94	34.40	-32.89
12699	-10.51	-10.55	0.25	-18.00	80.29	546.98	20.60	33.45	-18.36
12700	-0.60	-13.25	0.25	34.52	138.62	1012.33	-23.15	-61.77	40.76
12701	-1.81	-13.19	0.25	28.77	139.07	999.31	-15.68	-32.67	41.86
12702	-2.99	-13.10	0.25	24.72	138.90	978.61	-8.52	-5.98	42.65
12703	-4.16	-12.98	0.25	21.94	138.03	950.78	-1.77	17.43	43.29
12704	-5.31	-12.82	0.25	19.81	136.39	916.60	4.50	36.93	44.05
12705	-6.44	-12.64	0.25	17.67	133.83	876.93	10.31	52.16	45.19
12706	-7.56	-12.42	0.25	14.90	130.15	832.61	15.67	63.03	46.95
12707	-8.65	-12.18	0.25	10.98	125.13	784.29	20.66	69.63	49.52
12708	-9.72	-11.90	0.25	5.58	118.45	732.34	25.32	72.13	52.99
12709	-10.77	-11.60	0.25	-1.51	109.83	676.86	29.70	70.58	57.09
12710	-0.62	-14.95	0.25	56.70	208.69	1235.87	-24.65	-64.11	201.99
12711	-1.87	-14.88	0.25	50.72	208.25	1219.78	-14.18	-27.24	201.14
12712	-3.09	-14.76	0.25	46.57	205.91	1194.77	-4.29	6.78	198.13
12713	-4.30	-14.59	0.25	43.77	201.70	1161.33	4.76	36.97	193.26
12714	-5.48	-14.38	0.25	41.63	195.66	1120.19	12.77	62.55	186.90
12715	-6.64	-14.12	0.25	39.43	187.81	1072.10	19.64	83.02	179.44
12716	-7.77	-13.82	0.25	36.47	178.11	1017.80	25.35	98.08	171.26
12717	-8.88	-13.48	0.25	32.15	166.47	957.83	29.94	107.60	162.67
12718	-9.96	-13.09	0.25	26.07	152.75	892.46	33.49	111.55	153.90
12719	-11.01	-12.67	0.25	18.06	136.76	821.44	36.23	109.86	145.21
12720	-0.64	-16.65	0.25	95.84	276.24	1527.83	-26.80	-69.17	412.76
12721	-1.91	-16.57	0.25	89.31	274.91	1508.47	-14.60	-23.20	409.47
12722	-3.17	-16.43	0.25	84.25	269.85	1478.76	-3.14	19.47	401.21
12723	-4.40	-16.22	0.25	80.14	261.22	1438.90	7.15	57.68	388.26
12724	-5.62	-15.96	0.25	76.34	249.33	1389.29	15.89	90.36	371.12
12725	-6.80	-15.63	0.25	72.14	234.47	1330.37	22.86	116.70	350.39
12726	-7.96	-15.24	0.25	66.86	216.93	1262.53	28.02	136.07	326.68
12727	-9.09	-14.80	0.25	59.91	196.98	1186.00	31.44	148.04	300.59
12728	-10.18	-14.30	0.25	50.85	174.80	1100.73	33.30	152.33	272.72
12729	-11.23	-13.74	0.25	39.78	150.52	1006.47	33.99	149.02	243.75
12730	-0.65	-18.36	0.25	123.03	185.67	1896.77	-28.34	-80.75	542.19
12731	-1.94	-18.28	0.25	115.81	185.87	1872.64	-22.94	-32.18	537.79
12732	-3.22	-18.11	0.25	108.47	182.25	1834.26	-17.60	13.15	525.11
12733	-4.48	-17.87	0.25	100.89	175.53	1781.79	-12.76	53.77	504.84
12734	-5.72	-17.54	0.25	92.77	166.05	1715.46	-8.66	88.44	477.84
12735	-6.94	-17.15	0.25	83.83	154.22	1635.65	-5.37	116.15	445.14
12736	-8.12	-16.67	0.25	73.81	140.47	1542.80	-2.81	136.17	407.92
12737	-9.27	-16.13	0.25	62.62	125.16	1437.40	-0.79	148.06	367.44
12738	-10.38	-15.51	0.25	50.38	108.67	1319.95	1.02	151.72	325.02
12739	-11.44	-14.83	0.25	37.27	90.67	1190.85	2.65	147.32	281.93
12740	-16.19	-9.53	0.25	-25.49	-4.51	250.21	35.36	6.61	78.93
12741	-15.59	-10.56	0.25	-15.16	12.68	424.47	28.47	43.50	106.08
12742	-14.94	-11.56	0.25	-6.13	26.63	594.65	20.45	73.37	134.97
12743	-15.21	-9.45	0.25	-51.19	24.52	290.82	41.83	-2.12	57.54
12744	-14.80	-10.35	0.25	-30.57	44.68	430.24	39.83	38.84	91.08
12745	-14.35	-11.22	0.25	-12.34	61.80	571.14	36.30	74.77	126.92
12746	-14.24	-9.38	0.25	-56.72	37.93	318.63	39.20	-4.38	25.45
12747	-14.02	-10.15	0.25	-38.46	55.96	424.02	40.00	29.44	58.25
12748	-13.77	-10.90	0.25	-21.42	72.38	533.21	39.61	61.11	94.64
12749	-12.42	-14.10	0.25	24.13	73.18	1053.29	5.05	136.03	240.65
12750	-12.16	-13.17	0.25	27.63	127.22	908.28	34.17	139.02	215.10
12751	-11.89	-12.26	0.25	9.41	121.14	753.97	38.01	103.88	136.70
12752	-13.33	-13.31	0.25	12.67	56.85	908.75	9.13	119.48	202.44
12753	-12.97	-12.59	0.25	15.10	104.86	806.99	34.03	123.16	187.30
12754	-12.60	-11.88	0.25	1.05	105.93	690.78	38.66	95.45	127.89
12755	-14.18	-12.48	0.25	2.50	40.23	756.16	13.62	98.57	166.94
12756	-13.74	-11.97	0.25	2.30	81.58	698.18	33.97	102.31	160.03
12757	-13.29	-11.48	0.25	-8.02	88.97	623.66	38.87	83.06	118.22
12758	-11.55	-9.48	-1.25	-39.61	70.12	321.53	28.63	-0.30	-104.17
12759	-12.57	-9.43	-1.25	-51.25	69.92	296.20	37.65	-0.76	-78.15
12760	-13.59	-9.39	-1.25	-63.82	68.17	266.00	47.24	-2.09	-49.72
12761	-11.76	-10.44	-1.25	-23.84	100.79	420.14	38.48	31.05	-50.11
12762	-12.65	-10.31	-1.25	-33.37	98.49	386.97	46.02	29.50	-32.00
12763	-13.53	-10.16	-1.25	-44.32	94.86	350.41	53.66	26.04	-11.84
12764	-11.96	-11.41	-1.25	-3.60	138.01	522.89	50.34	62.92	13.33
12765	-12.71	-11.18	-1.25	-12.18	131.79	481.65	55.83	60.12	21.55
12766	-13.46	-10.93	-1.25	-22.11	125.06	437.81	61.64	55.24	32.59
12767	-0.56	-9.88	-1.25	39.15	49.11	463.59	-13.36	-50.18	-257.85
12768	-1.68	-9.86	-1.25	32.36	50.44	460.92	-12.21	-39.83	-252.87
12769	-2.80	-9.84	-1.25	25.87	52.41	455.28	-10.77	-30.31	-245.25
12770	-3.91	-9.82	-1.25	19.53	54.91	446.73	-8.84	-21.94	-235.08
12771	-5.02	-9.78	-1.25	13.11	57.79	435.49	-6.26	-14.95	-222.47

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]
12772	-6.13	-9.74	-1.25	6.34	60.84	421.81	-2.88	-9.47	-207.57
12773	-7.22	-9.70	-1.25	-1.04	63.85	405.93	1.42	-5.46	-190.56
12774	-8.32	-9.65	-1.25	-9.26	66.56	387.96	6.71	-2.79	-171.61
12775	-9.41	-9.59	-1.25	-18.49	68.71	367.84	13.04	-1.24	-150.85
12776	-10.49	-9.53	-1.25	-28.79	70.04	345.26	20.42	-0.55	-128.49
12777	-0.59	-11.64	-1.25	43.43	98.89	672.19	-16.03	-50.37	-146.90
12778	-1.78	-11.60	-1.25	36.80	99.81	664.60	-11.91	-32.51	-143.79
12779	-2.95	-11.54	-1.25	31.01	100.99	652.12	-7.74	-16.15	-139.25
12780	-4.11	-11.46	-1.25	25.80	102.34	634.97	-3.41	-1.83	-133.30
12781	-5.25	-11.36	-1.25	20.80	103.70	613.58	1.18	10.09	-125.91
12782	-6.38	-11.25	-1.25	15.59	104.90	588.40	6.14	19.43	-117.04
12783	-7.50	-11.11	-1.25	9.78	105.73	559.83	11.55	26.16	-106.69
12784	-8.61	-10.96	-1.25	3.01	105.96	528.17	17.50	30.39	-94.84
12785	-9.70	-10.79	-1.25	-4.99	105.31	493.50	24.04	32.30	-81.52
12786	-10.78	-10.61	-1.25	-14.41	103.45	455.69	31.19	32.14	-66.72
12787	-0.62	-13.40	-1.25	56.76	164.91	872.43	-18.84	-51.34	-19.60
12788	-1.86	-13.34	-1.25	49.97	165.22	861.10	-11.24	-26.27	-18.28
12789	-3.07	-13.25	-1.25	44.54	165.15	843.17	-3.84	-3.29	-17.01
12790	-4.27	-13.12	-1.25	40.06	164.64	818.99	3.34	16.95	-15.64
12791	-5.45	-12.96	-1.25	36.07	163.61	789.04	10.34	33.97	-13.98
12792	-6.62	-12.77	-1.25	32.01	161.92	753.91	17.18	47.47	-11.80
12793	-7.76	-12.54	-1.25	27.38	159.43	714.11	23.95	57.38	-8.88
12794	-8.88	-12.29	-1.25	21.70	155.94	670.04	30.72	63.70	-4.99
12795	-9.98	-12.01	-1.25	14.55	151.22	621.90	37.55	66.51	0.04
12796	-11.05	-11.69	-1.25	5.47	144.90	569.77	44.36	65.72	6.15
12797	-0.64	-15.17	-1.25	83.64	255.03	1078.58	-22.11	-53.72	131.00
12798	-1.92	-15.09	-1.25	76.36	254.51	1064.29	-10.38	-21.44	130.62
12799	-3.18	-14.97	-1.25	70.85	252.65	1041.85	0.91	8.36	128.56
12800	-4.41	-14.80	-1.25	66.64	249.44	1011.59	11.61	34.89	125.12
12801	-5.63	-14.58	-1.25	63.13	244.88	974.02	21.63	57.55	120.64
12802	-6.82	-14.31	-1.25	59.70	238.91	929.76	30.91	75.93	115.53
12803	-7.99	-14.00	-1.25	55.71	231.46	879.39	39.45	89.80	110.20
12804	-9.12	-13.64	-1.25	50.51	222.37	823.40	47.28	99.06	105.07
12805	-10.23	-13.24	-1.25	43.54	211.44	762.08	54.42	103.60	100.54
12806	-11.30	-12.80	-1.25	34.20	198.53	695.52	60.89	103.22	97.11
12807	-0.66	-16.93	-1.25	127.76	391.38	1277.92	-26.13	-58.17	324.04
12808	-1.97	-16.85	-1.25	119.75	389.47	1261.77	-8.70	-17.76	321.92
12809	-3.26	-16.70	-1.25	113.94	384.54	1236.80	8.00	19.91	316.48
12810	-4.53	-16.49	-1.25	109.75	376.62	1203.49	23.58	53.95	308.12
12811	-5.77	-16.21	-1.25	106.52	365.83	1162.20	37.73	83.65	297.19
12812	-6.99	-15.87	-1.25	103.46	352.23	1113.39	50.20	108.44	284.17
12813	-8.18	-15.47	-1.25	99.74	335.90	1057.52	60.85	127.82	269.51
12814	-9.34	-15.01	-1.25	94.50	316.88	994.96	69.58	141.43	253.72
12815	-10.46	-14.49	-1.25	86.82	295.13	925.88	76.34	148.93	237.33
12816	-11.54	-13.91	-1.25	75.88	270.62	849.69	81.20	149.73	220.68
12817	-0.67	-18.70	-1.25	265.28	599.24	1944.50	-37.93	-75.12	772.29
12818	-2.00	-18.62	-1.25	254.30	595.69	1921.07	-15.79	-12.84	765.46
12819	-3.31	-18.44	-1.25	244.81	585.76	1885.48	5.41	45.52	750.32
12820	-4.61	-18.19	-1.25	236.23	569.86	1837.41	24.95	98.62	727.07
12821	-5.89	-17.85	-1.25	227.78	548.34	1776.72	42.28	145.15	696.33
12822	-7.14	-17.44	-1.25	218.55	521.66	1703.34	56.98	183.90	658.92
12823	-8.35	-16.95	-1.25	207.57	490.30	1617.17	68.80	213.76	615.76
12824	-9.53	-16.39	-1.25	193.85	454.73	1518.04	77.64	233.77	567.90
12825	-10.66	-15.75	-1.25	176.47	415.43	1405.63	83.62	243.09	516.40
12826	-11.75	-15.04	-1.25	154.42	372.49	1279.33	86.86	241.25	462.85
12827	-16.60	-9.55	-1.25	-97.48	59.05	159.97	78.45	-32.61	111.83
12828	-15.99	-10.62	-1.25	-43.51	115.05	376.98	81.75	40.32	165.77
12829	-15.33	-11.65	-1.25	7.95	172.64	597.43	84.51	106.32	228.85
12830	-15.60	-9.47	-1.25	-86.96	65.35	205.59	68.67	-8.56	34.38
12831	-15.18	-10.40	-1.25	-49.13	104.89	335.40	74.19	34.99	76.11
12832	-14.72	-11.30	-1.25	-11.62	147.26	472.77	80.17	77.31	125.87
12833	-14.60	-9.40	-1.25	-75.86	66.96	236.10	58.10	-3.39	-13.17
12834	-14.37	-10.19	-1.25	-50.24	96.72	331.31	63.45	28.31	22.18
12835	-14.12	-10.96	-1.25	-23.58	129.14	430.68	69.49	59.33	63.96
12836	-12.76	-14.28	-1.25	126.37	326.94	1136.03	88.00	227.32	407.10
12837	-12.49	-13.32	-1.25	61.27	244.63	768.94	83.89	142.95	202.29
12838	-12.20	-12.37	-1.25	23.49	185.29	632.72	65.90	98.82	93.93
12839	-13.69	-13.47	-1.25	93.07	278.88	976.10	87.57	199.61	349.58
12840	-13.31	-12.72	-1.25	42.89	216.44	684.24	84.36	129.78	182.54
12841	-12.93	-11.98	-1.25	12.25	171.15	574.31	69.23	92.19	90.36
12842	-14.56	-12.60	-1.25	54.56	228.70	800.28	86.13	160.18	293.27
12843	-14.10	-12.08	-1.25	19.94	186.35	592.14	83.46	109.81	163.55
12844	-13.64	-11.56	-1.25	-1.78	154.55	512.95	71.47	81.25	86.92
12845	19.11	-1.65	-2.70	28.93	-124.42	-466.52	-165.18	232.67	-92.17
12846	19.17	-0.55	-2.70	-88.41	-121.17	-632.61	-161.38	289.55	-70.27
12847	19.17	0.55	-2.70	-159.22	-131.95	-780.72	-143.36	367.70	-23.34
12848	19.11	1.65	-2.70	-168.50	-170.08	-873.35	-113.51	496.79	31.60
12849	17.87	-1.65	-2.70	37.74	-118.00	-498.53	-112.86	211.64	-157.73
12850	17.93	-0.55	-2.70	-36.65	-102.46	-648.60	-121.27	268.14	-139.50
12851	17.93	0.55	-2.70	-89.99	-106.09	-788.29	-103.76	341.41	-94.85
12852	17.87	1.65	-2.70	-100.65	-137.86	-898.57	-92.26	453.00	-49.05
12853	16.64	-1.65	-2.70	38.73	-102.62	-493.85	-83.20	218.73	-188.51
12854	16.69	-0.55	-2.70	-6.92	-94.94	-620.49	-94.57	289.41	-176.02
12855	16.69	0.55	-2.70	-43.77	-97.47	-748.97	-92.00	365.56	-147.58
12856	16.64	1.65	-2.70	-62.65	-121.34	-874.17	-96.48	453.83	-117.74
12857	15.41	-1.65	-2.70	44.02	-87.19	-499.81	-63.56	227.72	-216.84
12858	15.46	-0.55	-2.70	17.39	-87.74	-623.10	-75.06	301.14	-204.94
12859	15.46	0.55	-2.70	-7.40	-93.54	-749.99	-82.10	375.29	-184.16
12860	15.41	1.65	-2.70	-27.34	-109.06	-878.48	-92.00	451.34	-158.05
12861	14.18	-1.65	-2.70	51.72	-73.59	-511.58	-46.43	232.93	-244.06
12862	14.22	-0.55	-2.70	35.73	-78.98	-635.68	-57.56	303.21	-232.06
12863	14.22	0.55	-2.70	19.09	-87.40	-762.99	-67.69	372.95	-212.94
12864	14.18	1.65	-2.70	2.81	-101.37	-892.40	-78.78	441.99	-187.48
12865	12.94	-1.65	-2.70	60.21	-61.49	-526.47	-30.59	233.11	-272.40
12866	12.98	-0.55	-2.70	50.32	-69.80	-651.92	-40.93	298.69	-259.93
12867	12.98	0.55	-2.70	39.10	-80.42	-780.00	-51.58	363.38	-240.73
12868	12.94	1.65	-2.70	27.17	-95.43	-909.93	-62.97	426.74	-215.02
12869	11.71	-1.65	-2.70	69.32	-50.81	-542.83	-16.42	228.61	-302.27
12870	11.75	-0.55	-2.70	63.31	-60.80	-669.72	-25.76	289.32	-289.22

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]
12871	11.75	0.55	-2.70	55.88	-73.01	-798.69	-36.22	349.01	-269.40
12872	11.71	1.65	-2.70	47.43	-89.26	-929.18	-47.90	407.06	-242.97
12873	10.48	-1.65	-2.70	79.13	-41.52	-560.00	-4.46	219.49	-333.12
12874	10.51	-0.55	-2.70	75.87	-52.25	-688.62	-12.73	275.38	-319.52
12875	10.51	0.55	-2.70	71.21	-65.24	-818.80	-22.75	330.20	-298.84
12876	10.48	1.65	-2.70	65.26	-82.06	-950.09	-34.57	383.13	-271.23
12877	9.25	-1.65	-2.70	89.33	-33.61	-577.35	5.05	205.59	-364.00
12878	9.27	-0.55	-2.70	88.25	-44.29	-708.10	-2.17	256.62	-349.95
12879	9.27	0.55	-2.70	85.75	-57.29	-839.92	-11.56	306.56	-328.27
12880	9.25	1.65	-2.70	81.68	-73.93	-972.40	-23.14	354.51	-299.13
12881	8.01	-1.65	-2.70	99.29	-26.98	-594.08	12.03	186.83	-393.87
12882	8.04	-0.55	-2.70	100.10	-37.05	-727.31	5.85	232.80	-379.47
12883	8.04	0.55	-2.70	99.43	-49.45	-861.21	-2.69	277.73	-356.77
12884	8.01	1.65	-2.70	96.96	-65.37	-995.24	-13.60	320.67	-325.94
12885	6.78	-1.65	-2.70	108.20	-21.53	-609.24	16.55	163.38	-421.68
12886	6.80	-0.55	-2.70	110.74	-30.66	-745.18	11.41	203.96	-407.05
12887	6.80	0.55	-2.70	111.73	-42.10	-881.41	3.90	243.58	-383.39
12888	6.78	1.65	-2.70	110.74	-56.98	-1017.29	-5.95	281.36	-350.87
12889	5.55	-1.65	-2.70	115.26	-17.17	-621.89	18.75	135.72	-446.46
12890	5.56	-0.55	-2.70	119.38	-25.22	-760.54	14.64	170.46	-431.70
12891	5.56	0.55	-2.70	121.89	-35.56	-899.17	8.32	204.40	-407.20
12892	5.55	1.65	-2.70	122.29	-49.30	-1037.03	-0.16	236.74	-373.14
12893	4.31	-1.65	-2.70	119.77	-13.83	-631.24	18.87	104.54	-467.30
12894	4.33	-0.55	-2.70	125.26	-20.83	-772.33	15.78	132.99	-452.51
12895	4.33	0.55	-2.70	129.10	-30.10	-913.19	10.76	160.82	-427.34
12896	4.31	1.65	-2.70	130.74	-42.76	-1052.92	3.86	187.37	-391.99
12897	3.08	-1.65	-2.70	121.18	-11.45	-636.70	17.25	70.70	-483.44
12898	3.09	-0.55	-2.70	127.71	-17.56	-779.72	15.15	92.45	-468.68
12899	3.09	0.55	-2.70	132.60	-25.92	-922.37	11.49	113.78	-443.05
12900	3.08	1.65	-2.70	135.25	-37.66	-1063.65	6.30	134.21	-406.72
12901	1.85	-1.65	-2.70	119.09	-9.97	-637.92	14.29	35.19	-494.24
12902	1.85	-0.55	-2.70	126.25	-15.45	-782.15	13.16	49.91	-479.59
12903	1.85	0.55	-2.70	131.79	-23.14	-925.95	10.88	64.45	-453.69
12904	1.85	1.65	-2.70	135.12	-34.22	-1068.25	7.47	78.48	-416.73
12905	0.62	-1.65	-2.70	113.28	-9.37	-634.84	10.50	-1.03	-499.30
12906	0.62	-0.55	-2.70	120.57	-14.52	-779.41	10.31	6.51	-484.79
12907	0.62	0.55	-2.70	126.29	-21.86	-923.55	9.40	14.09	-458.84
12908	0.62	1.65	-2.70	129.85	-32.59	-1066.19	7.78	21.59	-421.61
12909	19.11	-1.65	-4.10	102.26	-65.96	-440.91	-33.67	225.59	-120.88
12910	19.17	-0.55	-4.10	82.08	-52.22	-553.60	-45.24	310.31	-109.60
12911	19.17	0.55	-4.10	60.38	-45.97	-666.37	-45.10	395.52	-85.41
12912	19.11	1.65	-4.10	40.07	-55.54	-768.27	-51.07	486.60	-58.60
12913	17.87	-1.65	-4.10	86.66	-59.89	-487.01	-23.06	207.68	-166.02
12914	17.93	-0.55	-4.10	61.93	-52.47	-608.39	-29.41	275.82	-152.61
12915	17.93	0.55	-4.10	40.81	-52.56	-726.05	-30.42	349.98	-128.64
12916	17.87	1.65	-4.10	24.50	-67.33	-834.08	-36.71	432.81	-106.45
12917	16.64	-1.65	-4.10	77.03	-50.80	-495.36	-12.47	205.50	-201.40
12918	16.69	-0.55	-4.10	54.61	-48.26	-610.22	-19.27	270.61	-190.00
12919	16.69	0.55	-4.10	35.54	-51.74	-725.79	-23.56	339.39	-171.51
12920	16.64	1.65	-4.10	20.92	-63.94	-839.89	-32.22	412.12	-152.68
12921	15.41	-1.65	-4.10	75.81	-40.49	-499.32	-2.80	210.13	-232.71
12922	15.46	-0.55	-4.10	59.79	-41.94	-610.65	-10.77	274.95	-222.84
12923	15.46	0.55	-4.10	44.91	-47.19	-724.72	-18.22	340.57	-207.60
12924	15.41	1.65	-4.10	31.57	-57.96	-840.61	-28.41	406.27	-189.43
12925	14.18	-1.65	-4.10	79.67	-29.96	-506.12	5.42	213.43	-263.13
12926	14.22	-0.55	-4.10	69.53	-34.30	-617.25	-2.91	276.09	-253.63
12927	14.22	0.55	-4.10	59.10	-41.23	-731.18	-11.85	338.32	-239.17
12928	14.18	1.65	-4.10	48.65	-52.22	-847.26	-22.44	399.37	-220.43
12929	12.94	-1.65	-4.10	86.48	-19.85	-515.32	12.72	213.19	-293.23
12930	12.98	-0.55	-4.10	80.82	-26.08	-627.24	4.64	272.34	-283.54
12931	12.98	0.55	-4.10	74.32	-34.48	-741.55	-4.65	330.70	-268.82
12932	12.94	1.65	-4.10	67.19	-46.51	-857.83	-15.44	387.47	-249.30
12933	11.71	-1.65	-4.10	95.03	-10.57	-526.07	19.12	208.83	-323.15
12934	11.75	-0.55	-4.10	92.66	-17.85	-639.06	11.60	263.83	-313.12
12935	11.75	0.55	-4.10	89.26	-27.25	-754.00	2.41	317.90	-297.77
12936	11.71	1.65	-4.10	84.94	-40.10	-870.60	-8.54	370.19	-277.27
12937	10.48	-1.65	-4.10	104.58	-2.28	-537.69	24.41	200.25	-352.64
12938	10.51	-0.55	-4.10	104.67	-9.88	-651.90	17.58	250.79	-342.25
12939	10.51	0.55	-4.10	103.65	-19.66	-767.63	8.70	300.35	-326.10
12940	10.48	1.65	-4.10	101.44	-32.73	-884.67	-2.22	347.99	-304.37
12941	9.25	-1.65	-4.10	114.49	5.00	-549.57	28.43	187.45	-381.15
12942	9.27	-0.55	-4.10	116.51	-2.34	-665.17	22.31	233.34	-370.43
12943	9.27	0.55	-4.10	117.35	-11.89	-781.89	13.96	278.22	-353.40
12944	9.25	1.65	-4.10	116.74	-24.63	-899.52	3.36	321.15	-330.22
12945	8.01	-1.65	-4.10	124.07	11.29	-561.08	31.05	170.52	-408.01
12946	8.04	-0.55	-4.10	127.73	4.63	-678.22	25.70	211.56	-397.02
12947	8.04	0.55	-4.10	130.10	-4.27	-796.12	18.06	251.62	-379.09
12948	8.01	1.65	-4.10	130.80	-16.27	-914.52	8.14	289.79	-354.38
12949	6.78	-1.65	-4.10	132.64	16.61	-571.50	32.24	149.72	-432.55
12950	6.80	-0.55	-4.10	137.73	10.87	-690.29	27.70	185.67	-421.34
12951	6.80	0.55	-4.10	141.44	2.89	-809.51	20.95	220.72	-402.55
12952	6.78	1.65	-4.10	143.30	-8.16	-928.83	12.02	254.04	-376.34
12953	5.55	-1.65	-4.10	139.51	21.00	-580.14	32.04	125.47	-454.06
12954	5.56	-0.55	-4.10	145.86	16.25	-700.56	28.35	156.06	-442.70
12955	5.56	0.55	-4.10	150.75	9.28	-821.13	22.63	185.86	-423.15
12956	5.55	1.65	-4.10	153.67	-0.76	-941.44	14.93	214.18	-395.58
12957	4.31	-1.65	-4.10	144.08	24.45	-586.37	30.56	98.36	-471.95
12958	4.33	-0.55	-4.10	151.49	20.66	-708.25	27.75	123.30	-460.49
12959	4.33	0.55	-4.10	157.38	14.65	-830.07	23.17	147.61	-440.33
12960	4.31	1.65	-4.10	161.22	5.55	-951.34	16.87	170.74	-411.61
12961	3.08	-1.65	-4.10	145.86	26.97	-589.72	27.99	69.10	-485.64
12962	3.09	-0.55	-4.10	154.06	23.99	-712.72	26.06	88.13	-474.17
12963	3.09	0.55	-4.10	160.72	18.80	-835.54	22.69	106.74	-453.54
12964	3.08	1.65	-4.10	165.28	10.51	-957.59	17.91	124.48	-423.94
12965	1.85	-1.65	-4.10	144.48	28.58	-589.88	24.60	38.47	-494.73
12966	1.85	-0.55	-4.10	153.13	26.18	-713.55	23.56	51.42	-483.28
12967	1.85	0.55	-4.10	160.24	21.60	-836.96	21.43	64.15	-462.38
12968	1.85	1.65	-4.10	165.26	13.89	-959.50	18.22	76.38	-432.19
12969	0.62	-1.65	-4.10	139.69	29.26	-586.79	20.73	7.29	-498.92

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]
12970	0.62	-0.55	-4.10	148.39	27.19	-710.55	20.56	14.09	-487.55
12971	0.62	0.55	-4.10	155.57	22.95	-834.06	19.67	20.88	-466.54
12972	0.62	1.65	-4.10	160.72	15.58	-956.67	18.05	27.54	-436.07
12973	19.11	-1.65	-5.50	97.52	-0.66	-429.79	73.45	213.26	-107.73
12974	19.17	-0.55	-5.50	89.67	9.88	-515.47	69.38	296.13	-97.87
12975	19.17	0.55	-5.50	81.98	19.88	-605.16	62.30	378.47	-84.75
12976	19.11	1.65	-5.50	73.33	27.73	-697.56	54.21	458.59	-68.25
12977	17.87	-1.65	-5.50	103.49	2.64	-469.17	67.94	209.12	-157.97
12978	17.93	-0.55	-5.50	97.93	10.60	-568.07	63.67	281.46	-147.71
12979	17.93	0.55	-5.50	92.32	15.71	-668.31	58.41	354.70	-133.70
12980	17.87	1.65	-5.50	86.37	17.39	-769.29	51.16	427.39	-118.48
12981	16.64	-1.65	-5.50	102.42	7.84	-487.67	64.35	202.84	-199.05
12982	16.69	-0.55	-5.50	96.74	12.43	-589.49	59.72	267.45	-189.95
12983	16.69	0.55	-5.50	91.67	14.29	-692.94	54.26	333.24	-177.31
12984	16.64	1.65	-5.50	87.14	12.82	-797.64	46.60	398.95	-163.13
12985	15.41	-1.65	-5.50	102.73	14.81	-495.08	62.46	200.56	-235.18
12986	15.46	-0.55	-5.50	98.22	16.71	-596.25	57.15	260.94	-227.22
12987	15.46	0.55	-5.50	94.17	16.37	-699.83	50.76	321.70	-215.77
12988	15.41	1.65	-5.50	90.63	13.12	-805.46	42.39	381.77	-201.81
12989	14.18	-1.65	-5.50	106.65	22.64	-500.17	61.50	199.42	-268.67
12990	14.22	-0.55	-5.50	104.50	22.62	-600.85	55.75	256.55	-261.25
12991	14.22	0.55	-5.50	102.31	20.68	-704.03	48.59	313.40	-250.20
12992	14.18	1.65	-5.50	100.16	16.01	-809.45	39.63	368.98	-235.90
12993	12.94	-1.65	-5.50	113.52	30.60	-505.66	60.88	196.77	-300.49
12994	12.98	-0.55	-5.50	113.89	29.37	-606.41	55.07	250.41	-293.18
12995	12.98	0.55	-5.50	113.87	26.32	-709.38	47.53	303.43	-281.96
12996	12.94	1.65	-5.50	113.50	20.59	-814.42	38.15	354.90	-267.01
12997	11.71	-1.65	-5.50	122.40	38.23	-512.01	60.29	191.35	-330.86
12998	11.75	-0.55	-5.50	125.02	36.46	-613.11	54.67	241.11	-323.47
12999	11.75	0.55	-5.50	127.05	32.84	-716.07	47.06	290.10	-311.79
13000	11.71	1.65	-5.50	128.41	26.57	-820.85	37.44	337.38	-295.95
13001	10.48	-1.65	-5.50	132.41	45.30	-519.07	59.49	182.67	-359.69
13002	10.51	-0.55	-5.50	136.94	43.56	-620.67	54.21	228.25	-352.15
13003	10.51	0.55	-5.50	140.71	39.91	-723.78	46.75	272.98	-339.85
13004	10.48	1.65	-5.50	143.54	33.64	-828.40	37.13	315.91	-322.91
13005	9.25	-1.65	-5.50	142.78	51.71	-526.46	58.28	170.59	-386.71
13006	9.27	-0.55	-5.50	148.91	50.45	-628.70	53.42	211.77	-379.01
13007	9.27	0.55	-5.50	154.15	47.22	-732.09	46.32	252.07	-366.00
13008	9.25	1.65	-5.50	158.18	41.40	-836.64	37.00	290.57	-347.80
13009	8.01	-1.65	-5.50	152.81	57.41	-533.71	56.49	155.18	-411.55
13010	8.04	-0.55	-5.50	160.32	56.93	-636.68	52.15	191.79	-403.67
13011	8.04	0.55	-5.50	166.80	54.45	-740.49	45.59	227.53	-389.92
13012	8.01	1.65	-5.50	171.85	49.36	-845.11	36.87	261.55	-370.42
13013	6.78	-1.65	-5.50	161.83	62.35	-540.29	54.02	136.68	-433.77
13014	6.80	-0.55	-5.50	170.55	62.82	-644.07	50.28	168.54	-425.73
13015	6.80	0.55	-5.50	178.12	61.26	-748.40	44.45	199.60	-411.27
13016	6.78	1.65	-5.50	184.07	57.07	-853.20	36.58	229.10	-390.49
13017	5.55	-1.65	-5.50	169.25	66.51	-545.67	50.85	115.45	-452.95
13018	5.56	-0.55	-5.50	179.02	67.96	-650.26	47.77	142.40	-444.78
13019	5.56	0.55	-5.50	187.53	67.37	-755.17	42.79	168.65	-429.67
13020	5.55	1.65	-5.50	194.29	64.10	-860.23	35.98	193.56	-407.73
13021	4.31	-1.65	-5.50	174.52	69.85	-549.36	46.98	91.98	-468.67
13022	4.33	-0.55	-5.50	185.16	72.21	-654.68	44.62	113.86	-460.40
13023	4.33	0.55	-5.50	194.45	72.53	-760.13	40.61	135.16	-444.75
13024	4.31	1.65	-5.50	201.90	70.13	-865.49	35.01	155.39	-421.84
13025	3.08	-1.65	-5.50	177.22	72.33	-550.98	42.52	66.85	-480.59
13026	3.09	-0.55	-5.50	188.48	75.46	-656.85	40.91	83.51	-472.27
13027	3.09	0.55	-5.50	198.35	76.55	-762.72	37.94	99.76	-456.20
13028	3.08	1.65	-5.50	206.33	74.89	-868.33	33.64	115.24	-432.52
13029	1.85	-1.65	-5.50	176.99	73.93	-550.28	37.63	40.69	-488.43
13030	1.85	-0.55	-5.50	188.59	77.64	-656.44	36.78	52.05	-480.09
13031	1.85	0.55	-5.50	198.78	79.31	-762.53	34.89	63.19	-463.76
13032	1.85	1.65	-5.50	207.07	78.20	-868.25	31.96	73.85	-439.55
13033	0.62	-1.65	-5.50	173.62	74.62	-547.20	32.51	14.17	-492.00
13034	0.62	-0.55	-5.50	185.22	78.67	-653.30	32.44	20.23	-483.69
13035	0.62	0.55	-5.50	195.43	80.70	-759.32	31.63	26.24	-467.23
13036	0.62	1.65	-5.50	203.77	79.93	-864.97	30.08	32.10	-442.76
13037	19.11	-1.65	-6.90	84.22	66.75	-429.53	162.57	193.92	-83.28
13038	19.17	-0.55	-6.90	83.46	78.11	-502.09	161.01	268.93	-73.64
13039	19.17	0.55	-6.90	83.58	89.31	-577.60	156.01	344.28	-62.18
13040	19.11	1.65	-6.90	84.56	100.16	-655.54	147.99	419.00	-47.85
13041	17.87	-1.65	-6.90	100.10	68.76	-459.08	150.26	196.94	-135.51
13042	17.93	-0.55	-6.90	102.13	78.82	-542.60	148.32	266.08	-126.74
13043	17.93	0.55	-6.90	104.83	87.94	-628.52	143.67	335.62	-115.75
13044	17.87	1.65	-6.90	108.09	96.03	-716.55	136.54	404.38	-102.40
13045	16.64	-1.65	-6.90	111.27	72.24	-477.68	138.82	194.26	-181.52
13046	16.69	-0.55	-6.90	114.67	80.72	-566.56	136.36	257.07	-173.91
13047	16.69	0.55	-6.90	118.61	87.94	-657.66	131.70	320.29	-163.77
13048	16.64	1.65	-6.90	123.01	93.75	-750.71	124.75	382.74	-151.34
13049	15.41	-1.65	-6.90	119.83	76.96	-487.49	129.03	190.32	-222.10
13050	15.46	-0.55	-6.90	124.07	84.05	-578.05	126.02	247.83	-215.53
13051	15.46	0.55	-6.90	128.76	89.81	-670.86	120.97	305.53	-206.21
13052	15.41	1.65	-6.90	133.86	93.97	-765.69	113.71	362.36	-194.34
13053	14.18	-1.65	-6.90	128.59	82.57	-492.65	120.70	186.32	-258.68
13054	14.22	-0.55	-6.90	133.96	88.74	-583.38	117.25	239.50	-252.83
13055	14.22	0.55	-6.90	139.58	93.53	-676.31	111.71	292.54	-243.98
13056	14.18	1.65	-6.90	145.42	96.59	-771.33	104.00	344.48	-232.23
13057	12.94	-1.65	-6.90	138.62	88.57	-496.25	113.40	181.42	-292.22
13058	12.98	-0.55	-6.90	145.44	94.34	-586.82	109.68	230.61	-286.78
13059	12.98	0.55	-6.90	152.26	98.66	-679.38	103.78	279.41	-278.04
13060	12.94	1.65	-6.90	159.02	101.15	-773.94	95.67	326.89	-266.03
13061	11.71	-1.65	-6.90	149.84	94.59	-499.71	106.73	174.70	-323.16
13062	11.75	-0.55	-6.90	158.19	100.45	-590.10	102.94	219.90	-317.94
13063	11.75	0.55	-6.90	166.33	104.78	-682.21	96.86	264.54	-309.03
13064	11.71	1.65	-6.90	174.11	107.19	-776.14	88.52	307.72	-296.47
13065	10.48	-1.65	-6.90	161.78	100.39	-503.44	100.42	165.65	-351.66
13066	10.51	-0.55	-6.90	171.60	106.76	-593.73	96.69	206.74	-346.52
13067	10.51	0.55	-6.90	181.01	111.51	-685.46	90.63	247.18	-337.27
13068	10.48	1.65	-6.90	189.77	114.27	-778.74	82.29	286.09	-323.92

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]
13069	9.25	-1.65	-6.90	173.82	105.83	-507.43	94.22	154.06	-377.67
13070	9.27	-0.55	-6.90	184.99	113.00	-597.71	90.69	190.94	-372.53
13071	9.27	0.55	-6.90	195.56	118.49	-689.15	84.85	227.11	-362.81
13072	9.25	1.65	-6.90	205.23	121.93	-781.85	76.76	261.75	-348.53
13073	8.01	-1.65	-6.90	185.35	110.79	-511.41	87.98	139.95	-401.02
13074	8.04	-0.55	-6.90	197.73	118.95	-601.79	84.74	172.52	-395.83
13075	8.04	0.55	-6.90	209.36	125.39	-693.04	79.30	204.37	-385.59
13076	8.01	1.65	-6.90	219.84	129.72	-785.27	71.72	234.76	-370.32
13077	6.78	-1.65	-6.90	195.78	115.18	-515.02	81.54	123.51	-421.52
13078	6.80	-0.55	-6.90	209.25	124.42	-605.58	78.71	151.67	-416.25
13079	6.80	0.55	-6.90	221.81	131.91	-696.77	73.82	179.16	-405.47
13080	6.78	1.65	-6.90	233.03	137.20	-788.65	66.96	205.32	-389.22
13081	5.55	-1.65	-6.90	204.56	118.94	-517.88	74.84	105.03	-438.92
13082	5.56	-0.55	-6.90	218.97	129.24	-608.66	72.49	128.70	-433.56
13083	5.56	0.55	-6.90	232.34	137.77	-699.87	68.30	151.78	-422.28
13084	5.55	1.65	-6.90	244.23	144.02	-791.51	62.34	173.71	-405.13
13085	4.31	-1.65	-6.90	211.24	122.00	-519.60	67.85	84.88	-453.00
13086	4.33	-0.55	-6.90	226.41	133.26	-610.61	66.05	104.00	-447.56
13087	4.33	0.55	-6.90	240.45	142.74	-701.88	62.65	122.62	-435.85
13088	4.31	1.65	-6.90	252.89	149.87	-793.37	57.72	140.32	-417.92
13089	3.08	-1.65	-6.90	215.44	124.31	-519.91	60.60	63.53	-463.56
13090	3.09	-0.55	-6.90	231.15	136.37	-611.07	59.41	78.04	-458.06
13091	3.09	0.55	-6.90	245.67	146.65	-702.38	56.88	92.19	-446.01
13092	3.08	1.65	-6.90	258.51	154.53	-793.76	53.07	105.65	-427.46
13093	1.85	-1.65	-6.90	216.86	125.80	-518.60	53.20	41.48	-470.44
13094	1.85	-0.55	-6.90	232.85	138.48	-609.79	52.63	51.37	-464.92
13095	1.85	0.55	-6.90	247.61	149.38	-701.07	51.02	61.04	-452.63
13096	1.85	1.65	-6.90	260.68	157.82	-792.34	48.38	70.28	-433.64
13097	0.62	-1.65	-6.90	215.30	126.46	-515.60	45.76	19.25	-473.56
13098	0.62	-0.55	-6.90	231.28	139.53	-606.66	45.85	24.56	-468.03
13099	0.62	0.55	-6.90	246.02	150.81	-697.79	45.17	29.80	-455.62
13100	0.62	1.65	-6.90	259.09	159.63	-788.89	43.73	34.86	-436.38
13101	19.11	-1.65	-8.30	68.11	137.45	-434.03	243.09	169.49	-51.76
13102	19.17	-0.55	-8.30	72.95	148.18	-497.66	243.78	236.45	-42.09
13103	19.17	0.55	-8.30	79.33	158.68	-563.50	239.26	304.06	-31.45
13104	19.11	1.65	-8.30	86.58	168.95	-630.87	229.66	371.23	-19.55
13105	17.87	-1.65	-8.30	92.24	138.81	-455.43	226.42	176.34	-104.72
13106	17.93	-0.55	-8.30	99.42	150.63	-527.81	226.52	239.73	-96.46
13107	17.93	0.55	-8.30	107.83	161.86	-602.29	222.44	303.69	-86.65
13108	17.87	1.65	-8.30	117.09	172.58	-678.27	214.26	367.10	-75.07
13109	16.64	-1.65	-8.30	112.58	141.11	-470.73	210.85	177.20	-152.59
13110	16.69	-0.55	-8.30	121.53	153.49	-548.29	210.37	235.84	-145.72
13111	16.69	0.55	-8.30	131.49	165.07	-627.86	206.39	294.92	-136.86
13112	16.64	1.65	-8.30	142.17	175.88	-708.99	198.93	353.35	-125.87
13113	15.41	-1.65	-8.30	129.95	144.33	-479.86	196.38	174.62	-195.30
13114	15.46	-0.55	-8.30	140.28	157.13	-559.85	195.34	228.37	-189.65
13115	15.46	0.55	-8.30	151.39	168.98	-641.78	191.20	282.38	-181.66
13116	15.41	1.65	-8.30	163.10	179.84	-725.36	183.96	335.64	-171.21
13117	14.18	-1.65	-8.30	145.80	148.29	-484.65	182.99	170.14	-233.46
13118	14.22	-0.55	-8.30	157.41	161.60	-565.39	181.48	219.32	-228.77
13119	14.22	0.55	-8.30	169.58	173.85	-647.97	177.06	268.54	-221.42
13120	14.18	1.65	-8.30	182.17	184.95	-732.25	169.74	316.87	-211.32
13121	12.94	-1.65	-8.30	161.31	152.71	-487.15	170.51	164.22	-267.76
13122	12.98	-0.55	-8.30	174.25	166.76	-567.83	168.64	209.13	-263.77
13123	12.98	0.55	-8.30	187.54	179.65	-650.18	163.95	253.88	-256.80
13124	12.94	1.65	-8.30	201.01	191.25	-734.23	156.48	297.60	-246.77
13125	11.71	-1.65	-8.30	176.88	157.32	-488.80	158.73	156.76	-298.70
13126	11.75	-0.55	-8.30	191.22	172.37	-569.10	156.61	197.56	-295.17
13127	11.75	0.55	-8.30	205.69	186.17	-650.88	151.76	238.03	-288.34
13128	11.71	1.65	-8.30	220.06	198.56	-734.25	144.22	277.37	-278.12
13129	10.48	-1.65	-8.30	192.41	161.92	-490.31	147.43	147.57	-326.54
13130	10.51	-0.55	-8.30	208.13	178.17	-570.16	145.20	184.31	-323.30
13131	10.51	0.55	-8.30	223.78	193.12	-651.29	140.33	220.61	-316.41
13132	10.48	1.65	-8.30	239.05	206.52	-733.82	132.86	255.71	-305.80
13133	9.25	-1.65	-8.30	207.52	166.34	-491.92	136.43	136.57	-351.41
13134	9.27	-0.55	-8.30	224.57	183.95	-571.36	134.22	169.26	-348.33
13135	9.27	0.55	-8.30	241.33	200.19	-651.87	129.49	201.44	-341.24
13136	9.25	1.65	-8.30	257.46	214.78	-733.55	122.29	232.42	-330.08
13137	8.01	-1.65	-8.30	221.74	170.47	-493.56	125.60	123.78	-373.31
13138	8.04	-0.55	-8.30	240.01	189.48	-572.69	123.52	152.42	-370.30
13139	8.04	0.55	-8.30	257.81	207.09	-652.66	119.07	180.53	-362.92
13140	8.01	1.65	-8.30	274.73	222.94	-733.56	112.34	207.48	-351.13
13141	6.78	-1.65	-8.30	234.58	174.19	-495.03	114.82	109.35	-392.21
13142	6.80	-0.55	-8.30	253.95	194.59	-573.93	112.96	133.93	-389.19
13143	6.80	0.55	-8.30	272.67	213.55	-653.48	108.94	157.99	-381.49
13144	6.78	1.65	-8.30	290.32	230.65	-733.74	102.86	181.00	-369.04
13145	5.55	-1.65	-8.30	245.60	177.43	-496.06	104.00	93.48	-408.01
13146	5.56	-0.55	-8.30	265.91	199.11	-574.81	102.45	114.01	-404.96
13147	5.56	0.55	-8.30	285.43	219.34	-654.05	98.99	134.06	-396.92
13148	5.55	1.65	-8.30	303.71	237.61	-733.80	93.70	153.19	-383.85
13149	4.31	-1.65	-8.30	254.40	180.10	-496.37	93.11	76.46	-420.64
13150	4.33	-0.55	-8.30	275.47	202.91	-575.04	91.95	92.94	-417.54
13151	4.33	0.55	-8.30	295.63	224.26	-654.05	89.14	109.02	-409.19
13152	4.31	1.65	-8.30	314.42	243.56	-733.40	84.75	124.35	-395.56
13153	3.08	-1.65	-8.30	260.68	182.12	-495.77	82.17	58.66	-430.01
13154	3.09	-0.55	-8.30	282.28	205.87	-574.35	81.45	71.10	-426.87
13155	3.09	0.55	-8.30	302.88	228.14	-653.18	79.37	83.24	-418.27
13156	3.08	1.65	-8.30	322.04	248.30	-732.23	75.96	94.82	-404.18
13157	1.85	-1.65	-8.30	264.20	183.45	-494.08	71.25	40.44	-436.08
13158	1.85	-0.55	-8.30	286.07	207.91	-572.56	71.01	48.89	-432.91
13159	1.85	0.55	-8.30	306.89	230.89	-651.23	69.70	57.14	-424.11
13160	1.85	1.65	-8.30	326.23	251.71	-730.04	67.32	65.03	-409.69
13161	0.62	-1.65	-8.30	264.81	184.04	-491.28	60.44	22.23	-438.82
13162	0.62	-0.55	-8.30	286.66	208.97	-569.58	60.71	26.74	-435.62
13163	0.62	0.55	-8.30	307.45	232.42	-648.07	60.18	31.17	-426.71
13164	0.62	1.65	-8.30	326.75	253.69	-726.69	58.85	35.44	-412.08
13165	23.52	-1.65	-2.70	377.21	95.30	-30.18	-444.18	-54.15	208.44
13166	23.57	-0.55	-2.70	82.40	-8.17	-58.56	-240.00	-1.60	106.55
13167	23.57	0.55	-2.70	61.37	-101.34	-49.28	-143.91	-8.27	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]
13168	23.52	1.65	-2.70	42.18	-152.00	-292.23	-26.91	118.74	-76.59
13169	22.67	-1.65	-2.70	325.90	-144.74	-46.40	-381.04	11.26	69.64
13170	22.73	-0.55	-2.70	257.50	-1.30	-28.64	-385.49	5.35	41.35
13171	22.73	0.55	-2.70	181.09	24.37	-36.16	-255.80	34.22	9.78
13172	22.67	1.65	-2.70	168.52	-2.78	-238.49	-56.07	176.14	-91.87
13173	21.83	-1.65	-2.70	276.97	-104.03	-54.05	-380.17	66.24	63.08
13174	21.89	-0.55	-2.70	281.17	-51.19	-35.85	-349.67	38.12	29.69
13175	21.89	0.55	-2.70	253.95	-17.76	-37.40	-272.15	68.03	-2.75
13176	21.83	1.65	-2.70	189.60	-71.49	-252.66	-114.52	218.11	-116.38
13177	20.99	-1.65	-2.70	226.67	-109.67	-79.40	-389.91	120.48	57.25
13178	21.05	-0.55	-2.70	218.79	-53.51	-28.00	-332.51	79.95	12.85
13179	21.05	0.55	-2.70	187.15	-40.71	-30.69	-274.25	111.92	-10.28
13180	20.99	1.65	-2.70	110.55	-93.50	-245.71	-133.76	272.30	-120.75
13181	20.14	-1.65	-2.70	95.73	-117.99	-261.93	-323.15	244.69	1.93
13182	20.20	-0.55	-2.70	-29.02	-100.16	-312.25	-298.31	303.05	-13.81
13183	20.20	0.55	-2.70	-116.89	-110.21	-390.15	-266.58	392.60	5.70
13184	20.14	1.65	-2.70	-136.97	-159.57	-537.27	-170.04	517.79	-15.58
13185	23.52	-1.65	-4.10	173.82	-51.98	-231.78	-131.74	-144.48	421.28
13186	23.57	-0.55	-4.10	29.62	-74.78	-164.12	-60.09	-8.53	244.79
13187	23.57	0.55	-4.10	16.25	-44.92	-183.54	-18.53	18.69	155.65
13188	23.52	1.65	-4.10	75.73	108.31	-210.96	33.14	134.88	231.56
13189	22.67	-1.65	-4.10	153.65	-90.96	-197.44	-111.93	-49.72	160.65
13190	22.73	-0.55	-4.10	106.27	-28.25	-131.75	-117.11	19.95	125.36
13191	22.73	0.55	-4.10	72.18	14.34	-163.77	-51.91	98.63	76.28
13192	22.67	1.65	-4.10	102.77	91.03	-205.63	-17.13	203.56	89.13
13193	21.83	-1.65	-4.10	131.86	-77.54	-177.87	-95.26	38.11	108.32
13194	21.89	-0.55	-4.10	113.11	-49.44	-131.23	-103.87	104.58	66.76
13195	21.89	0.55	-4.10	87.96	-14.68	-168.63	-72.05	179.73	21.76
13196	21.83	1.65	-4.10	77.66	56.45	-244.21	-62.77	286.52	32.89
13197	20.99	-1.65	-4.10	100.54	-68.56	-214.62	-72.76	136.03	47.95
13198	21.05	-0.55	-4.10	65.13	-59.52	-200.36	-88.44	221.87	24.81
13199	21.05	0.55	-4.10	30.99	-41.93	-254.29	-74.98	308.71	-11.95
13200	20.99	1.65	-4.10	11.27	15.97	-352.08	-82.68	412.90	-3.86
13201	20.14	-1.65	-4.10	95.19	-68.64	-328.10	-39.36	218.48	-41.70
13202	20.20	-0.55	-4.10	67.75	-57.20	-383.03	-58.08	323.29	-43.23
13203	20.20	0.55	-4.10	40.24	-44.88	-468.63	-59.81	419.61	-45.38
13204	20.14	1.65	-4.10	16.61	-25.28	-571.86	-75.44	516.41	-24.98
13205	23.52	-1.65	-5.50	56.25	-7.70	-340.86	-4.08	-145.25	408.31
13206	23.57	-0.55	-5.50	5.97	-15.57	-282.97	32.38	-5.76	284.60
13207	23.57	0.55	-5.50	10.98	44.14	-248.01	49.73	27.72	248.51
13208	23.52	1.65	-5.50	96.57	120.67	-202.92	94.49	133.35	312.39
13209	22.67	-1.65	-5.50	67.87	13.67	-287.01	36.16	-45.79	158.75
13210	22.73	-0.55	-5.50	33.35	27.86	-255.02	59.96	31.49	167.74
13211	22.73	0.55	-5.50	38.53	60.28	-244.02	86.22	118.21	156.89
13212	22.67	1.65	-5.50	62.28	69.24	-242.01	76.82	203.42	158.19
13213	21.83	-1.65	-5.50	67.94	3.92	-271.41	62.64	51.87	100.78
13214	21.89	-0.55	-5.50	45.09	17.19	-260.74	71.04	131.03	93.00
13215	21.89	0.55	-5.50	32.54	43.88	-273.64	73.65	213.44	88.65
13216	21.83	1.65	-5.50	25.05	70.03	-296.65	60.85	298.51	103.81
13217	20.99	-1.65	-5.50	68.77	-0.88	-297.29	72.60	138.37	36.25
13218	21.05	-0.55	-5.50	49.07	10.03	-317.84	72.98	225.20	34.39
13219	21.05	0.55	-5.50	32.98	35.21	-357.03	66.10	312.76	34.11
13220	20.99	1.65	-5.50	17.98	62.43	-405.47	54.08	398.42	51.20
13221	20.14	-1.65	-5.50	82.39	-2.09	-363.01	75.99	196.65	-39.95
13222	20.20	-0.55	-5.50	67.67	9.33	-420.30	72.98	286.03	-34.60
13223	20.20	0.55	-5.50	54.61	26.60	-488.42	64.15	374.41	-26.76
13224	20.14	1.65	-5.50	42.03	45.11	-562.36	54.79	460.34	-8.85
13225	23.52	-1.65	-6.90	-58.27	-9.10	-414.99	141.79	-125.37	305.59
13226	23.57	-0.55	-6.90	-4.20	36.03	-347.80	111.14	-0.55	227.46
13227	23.57	0.55	-6.90	2.72	93.07	-315.18	117.44	37.31	210.04
13228	23.52	1.65	-6.90	132.67	176.63	-243.80	187.15	125.31	247.02
13229	22.67	-1.65	-6.90	16.93	103.13	-356.28	190.75	-33.21	130.25
13230	22.73	-0.55	-6.90	-2.03	83.08	-338.87	230.30	40.99	155.46
13231	22.73	0.55	-6.90	27.48	88.21	-315.80	239.94	123.62	160.07
13232	22.67	1.65	-6.90	40.51	59.77	-306.54	199.18	202.26	160.39
13233	21.83	-1.65	-6.90	32.08	75.10	-345.49	198.66	63.92	108.10
13234	21.89	-0.55	-6.90	16.79	85.50	-344.03	211.93	134.96	116.22
13235	21.89	0.55	-6.90	12.58	83.41	-349.36	209.59	207.74	125.71
13236	21.83	1.65	-6.90	5.65	95.28	-356.20	186.50	281.97	137.55
13237	20.99	-1.65	-6.90	40.87	68.19	-352.95	189.64	131.46	51.86
13238	21.05	-0.55	-6.90	30.40	78.37	-379.78	191.14	207.85	60.22
13239	21.05	0.55	-6.90	22.58	91.15	-411.06	185.62	284.56	69.82
13240	20.99	1.65	-6.90	15.28	104.96	-445.50	172.05	361.21	83.90
13241	20.14	-1.65	-6.90	61.85	66.20	-388.79	176.00	175.42	-18.61
13242	20.20	-0.55	-6.90	56.49	78.20	-441.84	175.20	253.85	-9.22
13243	20.20	0.55	-6.90	52.56	90.96	-498.76	169.62	332.42	1.84
13244	20.14	1.65	-6.90	49.22	104.65	-558.35	159.27	410.66	16.70
13245	23.52	-1.65	-8.30	-61.67	32.92	-464.07	479.16	-149.47	65.30
13246	23.57	-0.55	-8.30	33.71	79.62	-391.82	410.94	-20.90	-7.59
13247	23.57	0.55	-8.30	7.47	122.70	-381.74	403.35	50.56	-15.27
13248	23.52	1.65	-8.30	103.14	181.05	-315.72	460.02	150.92	30.65
13249	22.67	-1.65	-8.30	-32.98	160.23	-428.64	390.28	-0.15	140.00
13250	22.73	-0.55	-8.30	-30.86	119.49	-409.25	431.82	54.97	174.47
13251	22.73	0.55	-8.30	9.86	116.12	-375.77	425.57	122.52	184.06
13252	22.67	1.65	-8.30	16.65	77.56	-359.21	369.38	181.32	179.97
13253	21.83	-1.65	-8.30	-16.65	139.51	-390.70	327.40	78.20	136.05
13254	21.89	-0.55	-8.30	-18.88	139.47	-395.89	344.06	132.08	151.64
13255	21.89	0.55	-8.30	-9.91	125.26	-404.70	337.73	188.93	164.04
13256	21.83	1.65	-8.30	-8.10	126.93	-412.02	307.81	244.99	171.47
13257	20.99	-1.65	-8.30	6.66	136.66	-385.89	291.38	119.59	82.03
13258	21.05	-0.55	-8.30	5.92	140.44	-415.56	295.22	183.34	93.82
13259	21.05	0.55	-8.30	8.34	145.31	-447.04	289.10	247.43	105.04
13260	20.99	1.65	-8.30	10.50	150.22	-480.06	272.78	311.77	116.36
13261	20.14	-1.65	-8.30	38.08	136.71	-407.28	263.54	151.70	12.21
13262	20.20	-0.55	-8.30	39.93	145.27	-456.62	265.28	219.51	23.04
13263	20.20	0.55	-8.30	43.84	153.70	-508.22	259.93	287.94	34.15
13264	20.14	1.65	-8.30	48.32	162.73	-561.27	247.75	356.18	46.01
13265	-0.62	-1.65	-2.70	103.68	-9.63	-627.66	6.43	-37.02	-498.41
13266	-0.62	-0.55	-2.70	110.54	-14.81	-771.59	7.13	-36.63	-484.08

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]
13267	-0.62	0.55	-2.70	115.90	-22.15	-915.19	7.56	-35.98	-458.26
13268	-0.62	1.65	-2.70	119.21	-32.86	-1057.38	7.71	-35.01	-421.13
13269	-1.85	-1.65	-2.70	90.31	-10.76	-616.79	2.63	-71.89	-491.60
13270	-1.85	-0.55	-2.70	96.17	-16.32	-759.12	4.19	-78.42	-477.46
13271	-1.85	0.55	-2.70	100.62	-24.03	-901.28	5.91	-84.49	-451.98
13272	-1.85	1.65	-2.70	103.16	-35.08	-1042.23	7.76	-89.86	-415.30
13273	-3.08	-1.65	-2.70	73.33	-12.80	-602.88	-0.36	-104.85	-479.13
13274	-3.09	-0.55	-2.70	77.62	-19.11	-742.72	2.02	-117.88	-465.20
13275	-3.09	0.55	-2.70	80.64	-27.54	-882.60	4.96	-130.27	-440.22
13276	-3.08	1.65	-2.70	81.90	-39.26	-1021.58	8.42	-141.61	-404.34
13277	-4.31	-1.65	-2.70	52.92	-15.82	-586.78	-2.09	-135.22	-461.46
13278	-4.33	-0.55	-2.70	55.17	-23.20	-723.39	1.09	-154.13	-447.77
13279	-4.33	0.55	-2.70	56.26	-32.70	-860.29	5.18	-172.26	-423.46
13280	-4.31	1.65	-2.70	55.81	-45.41	-996.69	10.10	-189.07	-388.67
13281	-5.55	-1.65	-2.70	29.38	-19.90	-569.52	-2.19	-162.41	-439.22
13282	-5.56	-0.55	-2.70	29.16	-28.65	-702.37	1.77	-186.47	-425.80
13283	-5.56	0.55	-2.70	27.94	-39.51	-835.82	6.91	-209.64	-402.31
13284	-5.55	1.65	-2.70	25.40	-53.50	-969.21	13.15	-231.26	-368.88
13285	-6.78	-1.65	-2.70	3.00	-25.14	-552.34	-0.41	-185.96	-413.18
13286	-6.80	-0.55	-2.70	0.02	-35.54	-681.17	4.29	-214.36	-400.07
13287	-6.80	0.55	-2.70	-3.82	-48.02	-810.92	10.38	-241.77	-377.53
13288	-6.78	1.65	-2.70	-8.75	-63.52	-941.11	17.78	-267.49	-345.67
13289	-8.01	-1.65	-2.70	-25.88	-31.69	-536.68	3.36	-205.59	-384.15
13290	-8.04	-0.55	-2.70	-31.85	-43.94	-661.51	8.76	-237.44	-371.42
13291	-8.04	0.55	-2.70	-38.51	-58.25	-787.58	15.69	-268.28	-349.93
13292	-8.01	1.65	-2.70	-46.03	-75.47	-914.61	24.06	-297.35	-319.78
13293	-9.25	-1.65	-2.70	-57.00	-39.70	-524.18	9.08	-221.16	-352.96
13294	-9.27	-0.55	-2.70	-66.07	-53.99	-645.30	15.13	-255.64	-340.66
13295	-9.27	0.55	-2.70	-75.69	-70.29	-767.99	22.80	-289.10	-320.29
13296	-9.25	1.65	-2.70	-85.95	-89.37	-892.15	31.98	-320.81	-291.95
13297	-10.48	-1.65	-2.70	-90.17	-49.37	-516.68	16.60	-232.75	-320.37
13298	-10.51	-0.55	-2.70	-102.44	-65.83	-634.65	23.26	-269.10	-308.54
13299	-10.51	0.55	-2.70	-115.11	-84.26	-754.50	31.56	-304.48	-289.34
13300	-10.48	1.65	-2.70	-128.23	-105.34	-876.28	41.42	-338.18	-262.81
13301	-11.71	-1.65	-2.70	-125.49	-60.98	-516.24	25.69	-240.72	-286.98
13302	-11.75	-0.55	-2.70	-141.05	-79.72	-631.86	32.90	-278.29	-275.66
13303	-11.75	0.55	-2.70	-156.88	-100.39	-749.64	41.77	-314.98	-257.60
13304	-11.71	1.65	-2.70	-173.00	-123.58	-869.73	52.19	-350.14	-232.82
13305	-12.94	-1.65	-2.70	-163.49	-74.90	-525.27	36.06	-245.68	-253.18
13306	-12.98	-0.55	-2.70	-182.50	-96.06	-639.56	43.80	-284.00	-242.35
13307	-12.98	0.55	-2.70	-201.69	-119.10	-756.23	53.19	-321.57	-225.36
13308	-12.94	1.65	-2.70	-221.04	-144.55	-875.52	64.14	-357.79	-202.20
13309	-14.18	-1.65	-2.70	-205.46	-91.76	-546.77	47.45	-248.66	-218.99
13310	-14.22	-0.55	-2.70	-228.28	-115.53	-660.97	55.75	-287.43	-208.61
13311	-14.22	0.55	-2.70	-251.21	-141.13	-777.70	65.70	-325.60	-192.56
13312	-14.18	1.65	-2.70	-274.23	-169.06	-897.25	77.24	-362.65	-170.78
13313	-15.41	-1.65	-2.70	-254.08	-112.67	-585.34	59.79	-251.14	-183.94
13314	-15.46	-0.55	-2.70	-281.43	-139.40	-701.05	68.74	-290.27	-173.88
13315	-15.46	0.55	-2.70	-308.83	-167.90	-819.36	79.44	-328.96	-158.54
13316	-15.41	1.65	-2.70	-336.26	-198.69	-940.59	91.79	-366.74	-137.83
13317	-16.64	-1.65	-2.70	-314.66	-139.50	-647.37	73.49	-255.38	-146.61
13318	-16.69	-0.55	-2.70	-347.81	-169.79	-766.62	83.42	-295.03	-136.66
13319	-16.69	0.55	-2.70	-381.02	-201.85	-888.52	95.23	-334.35	-121.71
13320	-16.64	1.65	-2.70	-414.17	-236.21	-1013.38	108.84	-372.93	-101.64
13321	-17.87	-1.65	-2.70	-397.25	-178.57	-765.71	91.07	-262.56	-103.52
13322	-17.93	-0.55	-2.70	-438.54	-214.10	-894.54	102.41	-302.77	-93.36
13323	-17.93	0.55	-2.70	-479.87	-251.47	-1025.84	115.79	-342.84	-78.34
13324	-17.87	1.65	-2.70	-520.87	-291.21	-1159.84	131.21	-382.39	-58.41
13325	-19.11	-1.65	-2.70	-538.22	-223.25	-866.75	123.70	-347.01	-54.59
13326	-19.17	-0.55	-2.70	-593.49	-266.09	-998.59	138.62	-397.90	-39.77
13327	-19.17	0.55	-2.70	-648.20	-310.97	-1131.89	156.23	-448.75	-19.22
13328	-19.11	1.65	-2.70	-701.71	-358.32	-1266.54	176.54	-499.23	7.14
13329	-0.62	-1.65	-4.10	131.39	29.01	-580.56	16.75	-23.65	-498.08
13330	-0.62	-0.55	-4.10	139.69	26.97	-703.79	17.43	-22.93	-486.82
13331	-0.62	0.55	-4.10	146.54	22.78	-826.84	17.75	-22.02	-465.90
13332	-0.62	1.65	-4.10	151.43	15.48	-949.08	17.70	-20.89	-435.46
13333	-1.85	-1.65	-4.10	119.59	27.80	-571.54	13.05	-53.58	-492.26
13334	-1.85	-0.55	-4.10	127.03	25.50	-693.61	14.55	-58.74	-481.14
13335	-1.85	0.55	-4.10	133.10	21.06	-815.64	16.04	-63.52	-460.46
13336	-1.85	1.65	-4.10	137.35	13.54	-937.03	17.50	-67.74	-430.36
13337	-3.08	-1.65	-4.10	104.38	25.61	-560.27	9.99	-81.83	-481.65
13338	-3.09	-0.55	-4.10	110.52	22.74	-680.62	12.29	-92.50	-470.71
13339	-3.09	0.55	-4.10	115.41	17.77	-801.12	14.90	-102.63	-450.43
13340	-3.08	1.65	-4.10	118.62	9.77	-921.23	17.78	-111.91	-420.94
13341	-4.31	-1.65	-4.10	85.97	22.40	-547.50	7.93	-107.77	-466.61
13342	-4.33	-0.55	-4.10	90.41	18.69	-665.66	10.98	-123.47	-455.89
13343	-4.33	0.55	-4.10	93.73	12.90	-784.21	14.63	-138.50	-436.16
13344	-4.31	1.65	-4.10	95.56	4.16	-902.70	18.80	-152.42	-407.55
13345	-5.55	-1.65	-4.10	64.63	18.10	-534.14	7.09	-130.91	-447.63
13346	-5.56	-0.55	-4.10	67.04	13.29	-649.82	10.86	-151.06	-437.17
13347	-5.56	0.55	-4.10	68.47	6.45	-766.15	15.46	-170.42	-418.12
13348	-5.55	1.65	-4.10	68.63	-3.25	-882.80	20.79	-188.48	-390.61
13349	-6.78	-1.65	-4.10	40.68	12.65	-521.31	7.66	-150.84	-425.30
13350	-6.80	-0.55	-4.10	40.81	6.54	-634.38	12.10	-174.76	-415.15
13351	-6.80	0.55	-4.10	40.12	-1.57	-748.40	17.54	-197.83	-396.89
13352	-6.78	1.65	-4.10	38.39	-12.42	-863.16	23.87	-219.45	-370.66
13353	-8.01	-1.65	-4.10	14.53	5.98	-510.30	9.69	-167.27	-400.26
13354	-8.04	-0.55	-4.10	12.20	-1.62	-620.85	14.74	-194.27	-390.45
13355	-8.04	0.55	-4.10	9.22	-11.15	-732.65	20.90	-220.37	-373.09
13356	-8.01	1.65	-4.10	5.43	-23.30	-845.62	28.08	-244.96	-348.27
13357	-9.25	-1.65	-4.10	-13.44	-2.00	-502.56	13.14	-180.04	-373.14
13358	-9.27	-0.55	-4.10	-18.32	-11.22	-610.88	18.73	-209.42	-363.73
13359	-9.27	0.55	-4.10	-23.67	-22.30	-720.74	25.50	-237.89	-347.34
13360	-9.25	1.65	-4.10	-29.62	-35.85	-832.18	33.34	-264.83	-324.04
13361	-10.48	-1.65	-4.10	-42.83	-11.39	-499.74	17.89	-189.13	-344.54
13362	-10.51	-0.55	-4.10	-50.28	-22.32	-606.30	23.93	-220.21	-335.58
13363	-10.51	0.55	-4.10	-58.06	-35.05	-714.68	31.18	-250.42	-320.21
13364	-10.48	1.65	-4.10	-66.21	-50.07	-825.00	39.52	-279.14	-298.47
13365	-11.71	-1.65	-4.10	-73.26	-22.30	-503.65	23.74	-194.65	-314.98



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]
13366	-11.75	-0.55	-4.10	-83.29	-35.01	-609.10	30.14	-226.83	-306.51
13367	-11.75	0.55	-4.10	-93.48	-49.42	-716.61	37.73	-258.20	-292.17
13368	-11.71	1.65	-4.10	-103.84	-65.96	-826.36	46.41	-288.18	-272.00
13369	-12.94	-1.65	-4.10	-104.40	-34.86	-516.39	30.46	-196.89	-284.82
13370	-12.98	-0.55	-4.10	-116.95	-49.40	-621.54	37.10	-229.65	-276.84
13371	-12.98	0.55	-4.10	-129.52	-65.52	-728.93	44.91	-261.70	-263.52
13372	-12.94	1.65	-4.10	-142.07	-83.59	-838.78	53.76	-292.49	-244.87
13373	-14.18	-1.65	-4.10	-135.76	-49.22	-540.51	37.82	-196.43	-254.21
13374	-14.22	-0.55	-4.10	-150.75	-65.62	-646.33	44.59	-229.35	-246.71
13375	-14.22	0.55	-4.10	-165.62	-83.46	-754.51	52.45	-261.70	-234.35
13376	-14.18	1.65	-4.10	-180.29	-103.06	-865.27	61.31	-292.96	-217.10
13377	-15.41	-1.65	-4.10	-166.19	-65.45	-579.20	45.72	-194.53	-223.05
13378	-15.46	-0.55	-4.10	-183.39	-83.74	-686.85	52.43	-227.43	-215.94
13379	-15.46	0.55	-4.10	-200.33	-103.29	-796.87	60.14	-259.89	-204.38
13380	-15.41	1.65	-4.10	-216.89	-124.35	-909.48	68.74	-291.50	-188.30
13381	-16.64	-1.65	-4.10	-192.27	-83.45	-638.06	54.41	-194.84	-190.99
13382	-16.69	-0.55	-4.10	-210.99	-103.64	-749.09	60.72	-227.97	-183.96
13383	-16.69	0.55	-4.10	-229.31	-124.83	-862.36	67.85	-260.89	-172.78
13384	-16.64	1.65	-4.10	-247.04	-147.22	-977.98	75.67	-293.28	-157.31
13385	-17.87	-1.65	-4.10	-202.41	-99.40	-709.65	64.98	-218.22	-158.59
13386	-17.93	-0.55	-4.10	-220.40	-121.03	-823.98	70.16	-254.63	-150.24
13387	-17.93	0.55	-4.10	-237.94	-143.28	-939.97	75.79	-291.10	-137.60
13388	-17.87	1.65	-4.10	-254.75	-166.25	-1057.48	81.77	-327.42	-120.51
13389	-19.11	-1.65	-4.10	-195.39	-100.82	-715.10	76.60	-302.56	-129.17
13390	-19.17	-0.55	-4.10	-210.75	-121.73	-821.42	80.65	-349.79	-116.17
13391	-19.17	0.55	-4.10	-225.79	-143.01	-928.75	84.84	-396.81	-97.94
13392	-19.11	1.65	-4.10	-240.20	-164.71	-1036.73	89.15	-443.27	-74.49
13393	-0.62	-1.65	-5.50	166.99	74.38	-541.82	27.43	-12.07	-491.23
13394	-0.62	-0.55	-5.50	178.23	78.52	-647.49	28.13	-11.22	-482.99
13395	-0.62	0.55	-5.50	188.12	80.66	-753.14	28.39	-10.24	-466.56
13396	-0.62	1.65	-5.50	196.21	80.01	-858.48	28.20	-9.12	-442.06
13397	-1.85	-1.65	-5.50	157.11	73.19	-534.42	22.65	-37.38	-486.19
13398	-1.85	-0.55	-5.50	167.60	77.16	-639.30	24.09	-41.55	-478.05
13399	-1.85	0.55	-5.50	176.83	79.15	-744.27	25.39	-45.43	-461.78
13400	-1.85	1.65	-5.50	184.37	78.39	-849.06	26.51	-48.89	-437.51
13401	-3.08	-1.65	-5.50	144.06	71.02	-525.47	18.43	-61.20	-477.03
13402	-3.09	-0.55	-5.50	153.46	74.57	-629.22	20.58	-70.10	-469.02
13403	-3.09	0.55	-5.50	161.69	76.17	-733.23	22.86	-78.57	-453.05
13404	-3.08	1.65	-5.50	168.38	75.07	-837.28	25.21	-86.37	-429.23
13405	-4.31	-1.65	-5.50	128.06	67.85	-515.62	14.98	-83.03	-464.03
13406	-4.33	-0.55	-5.50	136.04	70.73	-617.99	17.81	-96.28	-456.19
13407	-4.33	0.55	-5.50	142.98	71.72	-720.84	21.00	-108.97	-440.64
13408	-4.31	1.65	-5.50	148.55	70.07	-824.00	24.47	-120.78	-417.47
13409	-5.55	-1.65	-5.50	109.40	63.64	-505.67	12.48	-102.48	-447.57
13410	-5.56	-0.55	-5.50	115.69	65.66	-606.54	15.94	-119.59	-439.93
13411	-5.56	0.55	-5.50	121.10	65.82	-708.13	19.94	-136.08	-424.90
13412	-5.55	1.65	-5.50	125.33	63.47	-810.34	24.40	-151.51	-402.56
13413	-6.78	-1.65	-5.50	88.47	58.37	-496.63	11.03	-119.22	-428.08
13414	-6.80	-0.55	-5.50	92.88	59.34	-595.99	15.04	-139.69	-420.68
13415	-6.80	0.55	-5.50	96.57	58.53	-696.34	19.75	-159.46	-406.26
13416	-6.78	1.65	-5.50	99.31	55.32	-797.66	25.05	-178.08	-384.89
13417	-8.01	-1.65	-5.50	65.75	52.03	-489.64	10.64	-133.07	-406.06
13418	-8.04	-0.55	-5.50	68.18	51.82	-587.65	15.13	-156.34	-398.92
13419	-8.04	0.55	-5.50	70.05	49.90	-686.93	20.42	-178.88	-385.18
13420	-8.01	1.65	-5.50	71.21	45.74	-787.52	26.37	-200.20	-364.89
13421	-9.25	-1.65	-5.50	41.84	44.59	-486.03	11.24	-143.95	-381.99
13422	-9.27	-0.55	-5.50	42.25	43.11	-582.99	16.12	-169.45	-375.14
13423	-9.27	0.55	-5.50	42.28	40.01	-681.47	21.84	-194.24	-362.13
13424	-9.25	1.65	-5.50	41.84	34.86	-781.61	28.26	-217.79	-342.98
13425	-10.48	-1.65	-5.50	17.45	36.07	-487.25	12.70	-151.93	-356.33
13426	-10.51	-0.55	-5.50	15.90	33.28	-583.58	17.84	-179.14	-349.79
13427	-10.51	0.55	-5.50	14.15	29.00	-681.68	23.82	-205.66	-337.52
13428	-10.48	1.65	-5.50	12.17	22.85	-781.74	30.50	-231.00	-319.54
13429	-11.71	-1.65	-5.50	-6.52	26.54	-494.86	14.81	-157.29	-329.48
13430	-11.75	-0.55	-5.50	-9.88	22.45	-591.13	20.06	-185.73	-323.23
13431	-11.75	0.55	-5.50	-13.26	17.01	-689.36	26.11	-213.56	-311.69
13432	-11.71	1.65	-5.50	-16.63	9.94	-789.76	32.80	-240.29	-294.84
13433	-12.94	-1.65	-5.50	-28.86	16.11	-510.54	17.31	-160.67	-301.71
13434	-12.98	-0.55	-5.50	-33.76	10.80	-607.37	22.49	-189.98	-295.71
13435	-12.98	0.55	-5.50	-38.50	4.32	-706.29	28.36	-218.79	-284.80
13436	-12.94	1.65	-5.50	-43.01	-3.53	-807.51	34.80	-246.66	-268.97
13437	-14.18	-1.65	-5.50	-47.79	5.10	-535.83	19.92	-163.49	-273.13
13438	-14.22	-0.55	-5.50	-53.78	-1.27	-633.88	24.76	-193.52	-267.24
13439	-14.22	0.55	-5.50	-59.44	-8.59	-734.05	30.16	-223.21	-256.79
13440	-14.18	1.65	-5.50	-64.67	-17.00	-836.51	36.00	-252.15	-241.71
13441	-15.41	-1.65	-5.50	-60.54	-5.86	-571.61	22.31	-169.00	-243.69
13442	-15.46	-0.55	-5.50	-66.87	-13.01	-671.42	26.48	-200.03	-237.59
13443	-15.46	0.55	-5.50	-72.76	-20.84	-773.23	31.04	-230.92	-227.18
13444	-15.41	1.65	-5.50	-78.06	-29.42	-877.12	35.84	-261.35	-212.32
13445	-16.64	-1.65	-5.50	-63.12	-15.13	-613.91	24.14	-185.41	-213.18
13446	-16.69	-0.55	-5.50	-68.69	-22.52	-715.20	27.25	-218.77	-206.13
13447	-16.69	0.55	-5.50	-73.79	-30.28	-818.10	30.49	-252.21	-194.80
13448	-16.64	1.65	-5.50	-78.29	-38.39	-922.51	33.77	-285.48	-179.01
13449	-17.87	-1.65	-5.50	-57.00	-19.48	-641.31	24.51	-226.18	-181.15
13450	-17.93	-0.55	-5.50	-61.17	-26.13	-740.59	26.47	-264.69	-171.77
13451	-17.93	0.55	-5.50	-65.04	-32.85	-840.85	28.41	-303.29	-157.82
13452	-17.87	1.65	-5.50	-68.54	-39.60	-941.78	30.27	-341.72	-139.11
13453	-19.11	-1.65	-5.50	-61.22	-16.64	-613.17	21.42	-288.64	-145.03
13454	-19.17	-0.55	-5.50	-66.25	-21.25	-701.66	23.34	-333.96	-132.14
13455	-19.17	0.55	-5.50	-71.11	-25.86	-790.73	25.50	-379.00	-114.34
13456	-19.11	1.65	-5.50	-75.74	-30.51	-880.05	27.87	-423.27	-91.47
13457	-0.62	-1.65	-6.90	210.67	126.24	-511.00	38.48	-2.62	-472.88
13458	-0.62	-0.55	-6.90	226.32	139.46	-601.73	39.22	-1.80	-467.39
13459	-0.62	0.55	-6.90	240.76	150.91	-692.57	39.46	-0.90	-454.96
13460	-0.62	1.65	-6.90	253.58	159.90	-783.44	39.20	0.07	-435.66
13461	-1.85	-1.65	-6.90	202.99	125.13	-505.03	31.54	-23.65	-468.48
13462	-1.85	-0.55	-6.90	217.98	138.25	-595.23	32.91	-27.14	-463.04
13463	-1.85	0.55	-6.90	231.83	149.64	-685.65	34.04	-30.43	-450.71
13464	-1.85	1.65	-6.90	244.14	158.59	-776.21	34.92	-33.41	-431.54

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]
13465	-3.08	-1.65	-6.90	192.35	123.10	-498.06	25.10	-43.40	-460.49
13466	-3.09	-0.55	-6.90	206.38	135.90	-587.59	27.08	-50.96	-455.13
13467	-3.09	0.55	-6.90	219.36	146.99	-677.48	29.06	-58.21	-442.99
13468	-3.08	1.65	-6.90	230.93	155.70	-767.68	31.00	-64.96	-424.11
13469	-4.31	-1.65	-6.90	178.97	120.14	-490.65	19.33	-61.49	-449.12
13470	-4.33	-0.55	-6.90	191.76	132.40	-579.41	21.88	-72.83	-443.87
13471	-4.33	0.55	-6.90	203.63	142.99	-668.71	24.64	-83.76	-432.00
13472	-4.31	1.65	-6.90	214.25	151.29	-758.54	27.55	-94.03	-413.56
13473	-5.55	-1.65	-6.90	163.16	116.24	-483.50	14.32	-77.65	-434.65
13474	-5.56	-0.55	-6.90	174.51	127.77	-571.48	17.39	-92.41	-429.52
13475	-5.56	0.55	-6.90	185.06	137.68	-660.21	20.85	-106.70	-417.99
13476	-5.55	1.65	-6.90	194.56	145.41	-749.74	24.59	-120.21	-400.10
13477	-6.78	-1.65	-6.90	145.36	111.41	-477.48	10.14	-91.71	-417.40
13478	-6.80	-0.55	-6.90	155.10	122.04	-564.77	13.66	-109.50	-412.40
13479	-6.80	0.55	-6.90	164.22	131.14	-653.04	17.70	-126.78	-401.27
13480	-6.78	1.65	-6.90	172.49	138.18	-742.39	22.13	-143.21	-384.01
13481	-8.01	-1.65	-6.90	126.12	105.67	-473.59	6.77	-103.64	-397.72
13482	-8.04	-0.55	-6.90	134.19	115.28	-560.38	10.65	-124.05	-392.85
13483	-8.04	0.55	-6.90	141.80	123.46	-648.40	15.13	-143.94	-382.14
13484	-8.01	1.65	-6.90	148.81	129.75	-737.77	20.09	-162.95	-365.57
13485	-9.25	-1.65	-6.90	106.14	99.05	-472.97	4.12	-113.55	-375.96
13486	-9.27	-0.55	-6.90	112.56	107.59	-559.56	8.25	-136.16	-371.21
13487	-9.27	0.55	-6.90	118.70	114.81	-647.60	13.02	-158.30	-360.91
13488	-9.25	1.65	-6.90	124.47	120.33	-737.26	18.30	-179.56	-345.03
13489	-10.48	-1.65	-6.90	86.33	91.64	-476.81	2.05	-121.74	-352.44
13490	-10.51	-0.55	-6.90	91.19	99.11	-563.58	6.30	-146.21	-347.77
13491	-10.51	0.55	-6.90	95.97	105.38	-651.99	11.18	-170.24	-337.84
13492	-10.48	1.65	-6.90	100.62	110.17	-742.23	16.54	-193.47	-322.60
13493	-11.71	-1.65	-6.90	67.78	83.61	-486.29	0.37	-128.84	-327.42
13494	-11.75	-0.55	-6.90	71.30	90.06	-573.66	4.57	-154.87	-322.74
13495	-11.75	0.55	-6.90	74.92	95.48	-662.80	9.34	-180.55	-313.08
13496	-11.71	1.65	-6.90	78.64	99.67	-753.91	14.54	-205.54	-298.37
13497	-12.94	-1.65	-6.90	51.86	75.24	-502.30	-1.16	-135.98	-301.03
13498	-12.98	-0.55	-6.90	54.38	80.82	-590.66	2.77	-163.43	-296.21
13499	-12.98	0.55	-6.90	57.15	85.56	-680.85	7.19	-190.66	-286.64
13500	-12.94	1.65	-6.90	60.23	89.35	-773.01	11.95	-217.34	-272.22
13501	-14.18	-1.65	-6.90	40.16	67.00	-524.93	-2.84	-145.20	-273.28
13502	-14.22	-0.55	-6.90	42.12	71.95	-614.50	0.61	-174.19	-268.05
13503	-14.22	0.55	-6.90	44.46	76.29	-705.83	4.41	-203.12	-258.25
13504	-14.18	1.65	-6.90	47.24	79.96	-798.98	8.45	-231.68	-243.75
13505	-15.41	-1.65	-6.90	34.05	59.69	-551.91	-4.96	-160.15	-243.92
13506	-15.46	-0.55	-6.90	35.98	64.38	-642.43	-2.22	-191.23	-237.84
13507	-15.46	0.55	-6.90	38.32	68.70	-734.45	0.74	-222.39	-227.28
13508	-15.41	1.65	-6.90	41.13	72.65	-827.89	3.83	-253.37	-212.08
13509	-16.64	-1.65	-6.90	32.74	54.51	-575.46	-7.90	-185.77	-212.42
13510	-16.69	-0.55	-6.90	34.89	59.45	-665.42	-5.93	-219.99	-204.84
13511	-16.69	0.55	-6.90	37.36	64.26	-756.45	-3.81	-254.34	-192.73
13512	-16.64	1.65	-6.90	40.21	68.92	-848.29	-1.60	-288.55	-175.94
13513	-17.87	-1.65	-6.90	30.13	52.58	-580.47	-11.98	-223.73	-177.70
13514	-17.93	-0.55	-6.90	31.81	58.37	-666.32	-10.41	-262.00	-167.93
13515	-17.93	0.55	-6.90	33.69	64.14	-752.77	-8.60	-300.24	-153.56
13516	-17.87	1.65	-6.90	35.79	69.85	-839.45	-6.56	-338.07	-134.45
13517	-19.11	-1.65	-6.90	17.52	54.32	-550.89	-16.60	-265.04	-138.48
13518	-19.17	-0.55	-6.90	17.02	61.36	-627.38	-14.60	-306.57	-126.40
13519	-19.17	0.55	-6.90	16.72	68.34	-704.25	-12.01	-347.75	-109.81
13520	-19.11	1.65	-6.90	16.71	75.13	-781.22	-8.86	-388.09	-88.63
13521	-0.62	-1.65	-8.30	262.46	183.85	-487.40	49.87	4.40	-438.24
13522	-0.62	-0.55	-8.30	283.99	209.00	-565.47	50.67	5.09	-435.05
13523	-0.62	0.55	-8.30	304.47	232.67	-643.75	50.92	5.80	-426.10
13524	-0.62	1.65	-8.30	323.51	254.17	-722.20	50.64	6.54	-411.39
13525	-1.85	-1.65	-8.30	257.15	182.86	-482.64	39.70	-12.65	-434.41
13526	-1.85	-0.55	-8.30	278.07	207.97	-560.39	41.00	-15.65	-431.24
13527	-1.85	0.55	-8.30	297.98	231.64	-638.44	42.03	-18.52	-422.32
13528	-1.85	1.65	-8.30	316.52	253.14	-716.75	42.74	-21.20	-407.65
13529	-3.08	-1.65	-8.30	249.03	181.06	-477.30	30.04	-28.63	-427.44
13530	-3.09	-0.55	-8.30	269.04	205.89	-554.70	31.84	-35.12	-424.31
13531	-3.09	0.55	-8.30	288.12	229.31	-632.51	33.59	-41.41	-415.49
13532	-3.08	1.65	-8.30	305.95	250.61	-710.72	35.25	-47.36	-400.96
13533	-4.31	-1.65	-8.30	238.28	178.44	-471.83	21.02	-43.29	-417.49
13534	-4.33	-0.55	-8.30	257.14	202.77	-548.87	23.28	-53.06	-414.40
13535	-4.33	0.55	-8.30	275.18	225.72	-626.48	25.70	-62.55	-405.72
13536	-4.31	1.65	-8.30	292.09	246.63	-704.66	28.22	-71.61	-391.43
13537	-5.55	-1.65	-8.30	225.23	175.01	-466.80	12.71	-56.49	-404.76
13538	-5.56	-0.55	-8.30	242.74	198.62	-543.55	15.38	-69.28	-401.71
13539	-5.56	0.55	-8.30	259.55	220.92	-621.04	18.39	-81.76	-393.20
13540	-5.55	1.65	-8.30	275.41	241.27	-699.31	21.66	-93.73	-379.18
13541	-6.78	-1.65	-8.30	210.30	170.78	-462.92	5.14	-68.24	-389.46
13542	-6.80	-0.55	-8.30	226.31	193.50	-539.51	8.17	-83.77	-386.43
13543	-6.80	0.55	-8.30	241.78	214.98	-617.03	11.68	-98.99	-378.09
13544	-6.78	1.65	-8.30	256.49	234.65	-695.56	15.57	-113.67	-364.39
13545	-8.01	-1.65	-8.30	194.03	165.78	-461.02	-1.70	-78.65	-371.83
13546	-8.04	-0.55	-8.30	208.48	187.49	-537.66	1.60	-96.66	-368.79
13547	-8.04	0.55	-8.30	222.55	208.04	-615.41	5.48	-114.38	-360.60
13548	-8.01	1.65	-8.30	236.07	226.93	-694.39	9.84	-131.55	-347.18
13549	-9.25	-1.65	-8.30	177.11	160.07	-461.99	-7.88	-88.05	-352.09
13550	-9.27	-0.55	-8.30	190.01	180.69	-538.93	-4.41	-108.28	-348.98
13551	-9.27	0.55	-8.30	202.70	200.25	-617.18	-0.29	-128.27	-340.88
13552	-9.25	1.65	-8.30	215.06	218.33	-696.83	4.35	-147.75	-327.68
13553	-10.48	-1.65	-8.30	160.37	153.76	-466.70	-13.53	-96.99	-330.43
13554	-10.51	-0.55	-8.30	171.81	173.27	-544.25	-10.00	-119.23	-327.16
13555	-10.51	0.55	-8.30	183.20	191.85	-623.24	-5.81	-141.30	-319.04
13556	-10.48	1.65	-8.30	194.49	209.15	-703.77	-1.09	-162.94	-305.95
13557	-11.71	-1.65	-8.30	144.77	147.03	-475.85	-18.78	-106.32	-306.98
13558	-11.75	-0.55	-8.30	154.92	165.47	-554.28	-15.33	-130.44	-303.41
13559	-11.75	0.55	-8.30	165.16	183.14	-634.21	-11.24	-154.49	-295.11
13560	-11.71	1.65	-8.30	175.50	199.76	-715.74	-6.64	-178.22	-281.96
13561	-12.94	-1.65	-8.30	131.30	140.14	-489.60	-23.78	-117.31	-281.79
13562	-12.98	-0.55	-8.30	140.37	157.66	-569.04	-20.56	-143.32	-277.70
13563	-12.98	0.55	-8.30	149.67	174.57	-649.98	-16.75	-169.36	-268.99

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]
13564	-12.94	1.65	-8.30	159.22	190.66	-732.43	-12.48	-195.20	-255.50
13565	-14.18	-1.65	-8.30	120.69	133.51	-506.89	-28.68	-131.74	-254.73
13566	-14.22	-0.55	-8.30	128.91	150.32	-587.21	-25.81	-159.85	-249.83
13567	-14.22	0.55	-8.30	137.44	166.70	-668.88	-22.43	-188.07	-240.37
13568	-14.18	1.65	-8.30	146.31	182.48	-751.82	-18.62	-216.18	-226.20
13569	-15.41	-1.65	-8.30	112.69	127.73	-524.47	-33.58	-151.74	-225.51
13570	-15.46	-0.55	-8.30	120.19	144.10	-604.93	-31.12	-182.31	-219.42
13571	-15.46	0.55	-8.30	127.99	160.21	-686.47	-28.19	-213.03	-208.81
13572	-15.41	1.65	-8.30	136.14	175.91	-768.88	-24.83	-243.66	-193.53
13573	-16.64	-1.65	-8.30	105.18	123.38	-535.98	-38.46	-178.45	-193.62
13574	-16.69	-0.55	-8.30	111.73	139.61	-614.96	-36.29	-211.83	-185.94
13575	-16.69	0.55	-8.30	118.53	155.70	-694.66	-33.60	-245.30	-173.78
13576	-16.64	1.65	-8.30	125.61	171.50	-774.75	-30.42	-278.53	-157.02
13577	-17.87	-1.65	-8.30	94.21	120.89	-533.00	-42.97	-209.76	-158.41
13578	-17.93	-0.55	-8.30	99.11	137.21	-607.87	-40.72	-245.79	-148.94
13579	-17.93	0.55	-8.30	104.22	153.42	-683.16	-37.80	-281.69	-135.11
13580	-17.87	1.65	-8.30	109.62	169.33	-758.49	-34.21	-317.06	-116.85
13581	-19.11	-1.65	-8.30	76.29	120.32	-508.67	-46.32	-238.86	-119.59
13582	-19.17	-0.55	-8.30	78.60	136.77	-576.31	-43.47	-276.25	-108.51
13583	-19.17	0.55	-8.30	81.21	153.07	-644.29	-39.69	-313.25	-93.40
13584	-19.11	1.65	-8.30	84.28	168.95	-712.29	-35.00	-349.42	-74.22
13585	-20.14	-1.65	-2.70	-670.22	-193.92	-483.06	202.27	-459.77	-41.15
13586	-20.20	-0.55	-2.70	-731.95	-239.81	-551.14	224.20	-523.05	-19.01
13587	-20.20	0.55	-2.70	-791.81	-288.03	-619.51	249.61	-585.41	9.83
13588	-20.14	1.65	-2.70	-848.91	-339.13	-688.18	278.36	-646.07	45.42
13589	-20.99	-1.65	-2.70	-248.82	-85.82	-26.28	195.95	-106.78	-10.57
13590	-21.05	-0.55	-2.70	-255.80	-111.81	-28.44	202.87	-118.86	-5.53
13591	-21.05	0.55	-2.70	-262.16	-138.25	-30.49	209.32	-130.74	0.49
13592	-20.99	1.65	-2.70	-267.97	-165.29	-32.85	215.44	-142.41	7.61
13593	-21.83	-1.65	-2.70	-80.20	-68.84	-20.88	165.32	-36.84	8.82
13594	-21.89	-0.55	-2.70	-71.95	-86.91	-23.34	165.47	-39.88	10.63
13595	-21.89	0.55	-2.70	-63.57	-104.87	-25.67	164.26	-42.83	12.59
13596	-21.83	1.65	-2.70	-55.35	-122.67	-28.16	161.71	-45.74	14.73
13597	-22.67	-1.65	-2.70	-16.63	-61.49	-8.04	116.58	-5.51	19.44
13598	-22.73	-0.55	-2.70	-7.51	-72.16	-8.90	114.50	-4.84	19.86
13599	-22.73	0.55	-2.70	1.55	-82.62	-9.68	111.39	-4.17	20.13
13600	-22.67	1.65	-2.70	10.37	-92.79	-10.56	107.26	-3.51	20.26
13601	-23.52	-1.65	-2.70	-1.64	-61.80	2.37	49.49	4.91	39.29
13602	-23.57	-0.55	-2.70	2.22	-65.42	2.57	46.93	7.35	39.29
13603	-23.57	0.55	-2.70	5.97	-68.87	2.81	44.08	9.77	39.06
13604	-23.52	1.65	-2.70	9.53	-72.11	2.97	40.87	12.10	38.63
13605	-20.14	-1.65	-4.10	-229.27	-79.96	-509.08	75.01	-393.46	-87.94
13606	-20.20	-0.55	-4.10	-248.60	-95.61	-578.70	81.42	-449.02	-69.83
13607	-20.20	0.55	-4.10	-267.54	-112.01	-649.01	88.83	-503.79	-45.86
13608	-20.14	1.65	-4.10	-285.80	-129.39	-719.77	97.19	-557.28	-16.29
13609	-20.99	-1.65	-4.10	-257.28	-50.35	-221.96	76.55	-291.88	-30.10
13610	-21.05	-0.55	-4.10	-279.83	-60.86	-248.93	85.69	-328.28	-17.02
13611	-21.05	0.55	-4.10	-301.68	-72.48	-276.30	96.58	-364.12	-0.38
13612	-20.99	1.65	-4.10	-322.46	-85.51	-304.02	109.13	-399.16	19.56
13613	-21.83	-1.65	-4.10	-143.19	-22.83	-81.18	71.19	-133.76	15.35
13614	-21.89	-0.55	-4.10	-151.80	-28.12	-89.55	76.26	-147.09	20.97
13615	-21.89	0.55	-4.10	-160.01	-34.07	-98.14	82.05	-160.20	27.77
13616	-21.83	1.65	-4.10	-167.73	-40.77	-106.94	88.54	-173.05	35.54
13617	-22.67	-1.65	-4.10	-60.23	-12.32	-46.82	51.02	-52.56	49.74
13618	-22.73	-0.55	-4.10	-61.62	-13.72	-51.43	52.89	-55.20	51.83
13619	-22.73	0.55	-4.10	-62.88	-15.46	-56.23	55.05	-57.79	54.13
13620	-22.67	1.65	-4.10	-63.97	-17.56	-61.20	57.46	-60.29	56.43
13621	-23.52	-1.65	-4.10	-13.50	-3.64	-3.88	17.85	-11.08	90.65
13622	-23.57	-0.55	-4.10	-13.15	-0.79	-4.10	18.16	-7.90	91.06
13623	-23.57	0.55	-4.10	-12.81	1.83	-4.48	18.77	-4.70	91.27
13624	-23.52	1.65	-4.10	-12.42	4.19	-5.05	19.65	-1.58	91.10
13625	-20.14	-1.65	-5.50	-95.98	-5.75	-489.28	16.61	-331.94	-96.02
13626	-20.20	-0.55	-5.50	-106.06	-7.42	-554.38	20.59	-378.89	-80.74
13627	-20.20	0.55	-5.50	-115.80	-9.30	-619.92	25.56	-425.20	-60.81
13628	-20.14	1.65	-5.50	-124.97	-11.61	-685.75	31.48	-470.39	-36.03
13629	-20.99	-1.65	-5.50	-123.13	11.07	-312.86	14.93	-295.59	-36.16
13630	-21.05	-0.55	-5.50	-136.37	12.33	-350.67	20.90	-332.27	-22.93
13631	-21.05	0.55	-5.50	-149.10	13.12	-388.77	28.38	-368.44	-6.35
13632	-20.99	1.65	-5.50	-161.03	13.18	-427.09	37.27	-403.77	13.75
13633	-21.83	-1.65	-5.50	-107.62	25.76	-180.96	14.67	-198.58	19.07
13634	-21.89	-0.55	-5.50	-118.43	29.10	-200.77	20.47	-219.18	27.56
13635	-21.89	0.55	-5.50	-128.79	31.99	-220.79	27.66	-239.53	37.76
13636	-21.83	1.65	-5.50	-138.47	34.19	-240.97	36.11	-259.46	49.74
13637	-22.67	-1.65	-5.50	-55.30	37.75	-108.30	9.90	-104.51	67.16
13638	-22.73	-0.55	-5.50	-60.18	43.01	-119.22	13.79	-111.69	71.45
13639	-22.73	0.55	-5.50	-64.79	48.01	-130.38	18.63	-118.82	76.26
13640	-22.67	1.65	-5.50	-68.99	52.62	-141.73	24.30	-125.81	81.53
13641	-23.52	-1.65	-5.50	-13.67	49.50	-40.96	0.65	-36.86	115.35
13642	-23.57	-0.55	-5.50	-14.83	56.69	-44.84	3.16	-35.01	116.83
13643	-23.57	0.55	-5.50	-15.85	63.69	-49.02	6.35	-33.14	118.17
13644	-23.52	1.65	-5.50	-16.55	70.47	-53.40	10.16	-31.36	119.33
13645	-20.14	-1.65	-6.90	-10.68	60.08	-470.05	-20.46	-291.37	-88.70
13646	-20.20	-0.55	-6.90	-15.10	68.54	-530.67	-16.98	-332.31	-75.31
13647	-20.20	0.55	-6.90	-19.18	76.77	-591.63	-12.44	-372.69	-57.85
13648	-20.14	1.65	-6.90	-22.70	84.52	-652.77	-6.88	-412.08	-36.30
13649	-20.99	-1.65	-6.90	-40.87	68.47	-355.56	-20.56	-273.61	-30.10
13650	-21.05	-0.55	-6.90	-48.56	77.96	-397.79	-15.42	-307.16	-17.91
13651	-21.05	0.55	-6.90	-55.81	87.04	-440.28	-8.85	-340.26	-2.64
13652	-20.99	1.65	-6.90	-62.34	95.43	-482.91	-0.96	-372.57	15.70
13653	-21.83	-1.65	-6.90	-48.01	76.96	-253.14	-17.29	-212.79	26.34
13654	-21.89	-0.55	-6.90	-55.50	86.87	-280.95	-11.63	-234.67	35.45
13655	-21.89	0.55	-6.90	-62.61	96.36	-309.00	-4.52	-256.33	46.42
13656	-21.83	1.65	-6.90	-69.10	105.21	-337.16	3.84	-277.58	59.15
13657	-22.67	-1.65	-6.90	-31.31	84.81	-178.15	-13.53	-135.70	78.03
13658	-22.73	-0.55	-6.90	-36.00	94.84	-196.42	-8.48	-145.70	83.70
13659	-22.73	0.55	-6.90	-40.39	104.55	-215.04	-2.17	-155.75	90.20
13660	-22.67	1.65	-6.90	-44.38	113.81	-233.98	5.20	-165.79	97.30
13661	-23.52	-1.65	-6.90	-8.44	94.10	-107.99	-9.42	-55.10	126.60
13662	-23.57	-0.55	-6.90	-9.93	104.33	-118.40	-5.24	-54.53	128.89

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]
13663	-23.57	0.55	-6.90	-11.19	114.16	-129.34	-0.09	-54.02	131.33
13664	-23.52	1.65	-6.90	-12.04	123.69	-140.95	5.93	-53.78	133.71
13665	-20.14	-1.65	-8.30	47.83	121.52	-454.41	-47.44	-255.96	-72.10
13666	-20.20	-0.55	-8.30	46.74	137.91	-511.16	-43.38	-291.75	-60.24
13667	-20.20	0.55	-8.30	46.08	154.04	-568.25	-38.11	-327.06	-44.90
13668	-20.14	1.65	-8.30	46.09	169.58	-625.43	-31.68	-361.47	-26.10
13669	-20.99	-1.65	-8.30	16.44	123.97	-377.88	-44.21	-245.27	-17.23
13670	-21.05	-0.55	-8.30	12.51	139.84	-422.02	-38.81	-275.06	-6.23
13671	-21.05	0.55	-8.30	9.06	155.36	-466.44	-31.98	-304.46	7.40
13672	-20.99	1.65	-8.30	6.36	170.17	-510.94	-23.86	-333.15	23.63
13673	-21.83	-1.65	-8.30	-3.64	126.63	-303.08	-36.90	-203.84	36.38
13674	-21.89	-0.55	-8.30	-8.35	141.49	-336.39	-30.75	-224.51	45.21
13675	-21.89	0.55	-8.30	-12.67	155.97	-369.96	-23.11	-245.01	55.69
13676	-21.83	1.65	-8.30	-16.40	169.83	-403.57	-14.23	-265.12	67.70
13677	-22.67	-1.65	-8.30	-8.08	129.27	-241.78	-27.09	-141.71	86.33
13678	-22.73	-0.55	-8.30	-11.59	142.83	-266.83	-20.98	-152.10	92.36
13679	-22.73	0.55	-8.30	-14.80	155.96	-292.30	-13.38	-162.64	99.25
13680	-22.67	1.65	-8.30	-17.83	168.61	-318.12	-4.50	-173.43	106.74
13681	-23.52	-1.65	-8.30	-3.40	132.42	-190.82	-15.27	-61.49	131.75
13682	-23.57	-0.55	-8.30	-4.82	144.76	-209.30	-9.69	-61.34	134.36
13683	-23.57	0.55	-8.30	-5.96	156.37	-228.46	-2.88	-61.28	137.29
13684	-23.52	1.65	-8.30	-6.83	167.11	-249.31	5.27	-62.13	140.84
13685	19.03	2.50	-2.70	-122.80	-208.36	-924.01	-132.97	636.66	33.60
13686	18.94	3.10	-2.70	-130.11	-227.37	-1004.37	-230.92	707.11	0.75
13687	17.80	2.50	-2.70	-97.81	-185.38	-977.10	-122.76	551.88	-41.20
13688	17.72	3.10	-2.70	-120.60	-210.40	-1051.42	-172.44	601.42	-59.98
13689	16.57	2.50	-2.70	-75.80	-146.86	-972.32	-118.43	522.69	-102.54
13690	16.50	3.10	-2.70	-95.97	-158.24	-1046.25	-141.21	563.07	-93.89
13691	15.34	2.50	-2.70	-43.16	-125.28	-978.86	-105.63	509.48	-136.51
13692	15.28	3.10	-2.70	-58.40	-136.40	-1050.98	-117.16	547.76	-119.83
13693	14.12	2.50	-2.70	-10.36	-116.00	-993.44	-89.04	494.54	-164.09
13694	14.05	3.10	-2.70	-20.63	-128.31	-1065.24	-96.73	530.61	-145.47
13695	12.89	2.50	-2.70	17.52	-110.88	-1011.29	-72.64	474.78	-191.10
13696	12.83	3.10	-2.70	10.54	-124.53	-1083.37	-80.05	507.79	-172.18
13697	11.66	2.50	-2.70	40.35	-105.54	-1030.89	-58.04	450.72	-218.40
13698	11.61	3.10	-2.70	35.08	-119.69	-1103.23	-66.07	480.37	-198.99
13699	10.43	2.50	-2.70	59.84	-98.51	-1052.23	-45.14	422.59	-245.51
13700	10.39	3.10	-2.70	55.42	-112.49	-1124.72	-53.61	449.07	-225.09
13701	9.21	2.50	-2.70	77.44	-89.97	-1075.13	-33.70	389.99	-271.86
13702	9.17	3.10	-2.70	73.59	-103.42	-1147.81	-42.17	413.56	-250.07
13703	7.98	2.50	-2.70	93.74	-80.65	-1098.82	-23.67	352.28	-296.90
13704	7.94	3.10	-2.70	90.41	-93.43	-1171.81	-31.72	373.14	-273.60
13705	6.75	2.50	-2.70	108.50	-71.36	-1121.93	-15.11	309.09	-320.07
13706	6.72	3.10	-2.70	105.75	-83.45	-1195.37	-22.44	327.30	-295.24
13707	5.52	2.50	-2.70	121.03	-62.77	-1142.85	-8.12	260.44	-340.71
13708	5.50	3.10	-2.70	118.89	-74.21	-1216.83	-14.49	275.98	-314.48
13709	4.30	2.50	-2.70	130.39	-55.39	-1159.90	-2.69	206.85	-358.16
13710	4.28	3.10	-2.70	128.84	-66.27	-1234.44	-7.95	219.62	-330.74
13711	3.07	2.50	-2.70	135.65	-49.59	-1171.61	1.30	149.25	-371.80
13712	3.06	3.10	-2.70	134.61	-60.03	-1246.65	-2.74	159.15	-343.44
13713	1.84	2.50	-2.70	136.04	-45.66	-1176.87	4.10	88.90	-381.09
13714	1.83	3.10	-2.70	135.38	-55.77	-1252.25	1.34	95.83	-352.09
13715	0.61	2.50	-2.70	131.00	-43.76	-1175.03	6.07	27.28	-385.63
13716	0.61	3.10	-2.70	130.52	-53.70	-1250.53	4.61	31.18	-356.32
13717	19.03	2.50	-4.10	17.01	-71.29	-844.88	-68.01	555.30	-47.65
13718	18.94	3.10	-4.10	0.21	-75.52	-908.38	-77.88	599.59	-47.25
13719	17.80	2.50	-4.10	11.73	-81.94	-918.56	-52.08	496.57	-100.21
13720	17.72	3.10	-4.10	-1.45	-86.31	-989.33	-66.71	533.26	-99.21
13721	16.57	2.50	-4.10	9.34	-76.26	-930.13	-45.56	466.98	-141.57
13722	16.50	3.10	-4.10	-2.54	-82.98	-998.46	-57.24	500.54	-134.11
13723	15.34	2.50	-4.10	20.64	-68.94	-931.85	-39.32	455.59	-174.35
13724	15.28	3.10	-4.10	11.28	-77.13	-997.84	-47.76	488.11	-162.49
13725	14.12	2.50	-4.10	40.12	-63.69	-938.30	-32.07	445.33	-203.42
13726	14.05	3.10	-4.10	33.59	-73.60	-1003.50	-39.45	476.43	-190.01
13727	12.89	2.50	-4.10	61.24	-58.92	-948.90	-24.96	430.08	-231.28
13728	12.83	3.10	-4.10	56.80	-69.81	-1014.02	-32.45	458.92	-217.12
13729	11.66	2.50	-4.10	81.01	-53.05	-961.79	-18.35	409.20	-258.25
13730	11.61	3.10	-4.10	77.83	-64.22	-1026.94	-26.19	435.36	-243.24
13731	10.43	2.50	-4.10	98.90	-45.67	-976.01	-12.18	383.28	-284.08
13732	10.39	3.10	-4.10	96.44	-56.65	-1041.12	-20.18	406.73	-267.92
13733	9.21	2.50	-4.10	115.20	-37.14	-991.05	-6.39	352.77	-308.42
13734	9.17	3.10	-4.10	113.25	-47.66	-1056.09	-14.21	373.61	-290.93
13735	7.98	2.50	-4.10	130.09	-28.10	-1006.34	-1.04	317.79	-330.96
13736	7.94	3.10	-4.10	128.57	-38.07	-1071.36	-8.39	336.14	-312.07
13737	6.75	2.50	-4.10	143.36	-19.20	-1021.07	3.70	278.41	-351.34
13738	6.72	3.10	-4.10	142.28	-28.61	-1086.13	-2.94	294.34	-331.09
13739	5.52	2.50	-4.10	154.46	-11.02	-1034.18	7.72	234.87	-369.15
13740	5.50	3.10	-4.10	153.83	-19.90	-1099.36	1.95	248.38	-347.66
13741	4.30	2.50	-4.10	162.67	-4.00	-1044.58	10.92	187.65	-383.95
13742	4.28	3.10	-4.10	162.48	-12.42	-1109.93	6.14	198.70	-361.42
13743	3.07	2.50	-4.10	167.27	1.54	-1051.26	13.32	137.50	-395.33
13744	3.06	3.10	-4.10	167.44	-6.51	-1116.76	9.62	146.04	-371.98
13745	1.84	2.50	-4.10	167.60	5.36	-1053.44	15.06	85.42	-402.93
13746	1.83	3.10	-4.10	168.03	-2.42	-1119.04	12.47	91.40	-379.02
13747	0.61	2.50	-4.10	163.20	7.29	-1050.65	16.33	32.56	-406.49
13748	0.61	3.10	-4.10	163.75	-0.33	-1116.24	14.87	35.96	-382.29
13749	19.03	2.50	-5.50	67.88	33.48	-770.88	48.69	520.09	-53.57
13750	18.94	3.10	-5.50	64.95	36.98	-823.82	44.01	563.49	-41.11
13751	17.80	2.50	-5.50	81.84	17.65	-849.59	44.28	482.41	-106.67
13752	17.72	3.10	-5.50	79.46	18.38	-909.10	39.11	519.99	-97.31
13753	16.57	2.50	-5.50	83.69	10.45	-880.53	38.90	448.53	-151.73
13754	16.50	3.10	-5.50	81.18	8.76	-941.46	32.93	481.68	-142.71
13755	15.34	2.50	-5.50	87.86	8.86	-888.82	34.41	426.99	-189.60
13756	15.28	3.10	-5.50	85.67	5.01	-949.19	28.18	457.40	-179.94
13757	14.12	2.50	-5.50	98.36	10.33	-892.46	31.42	410.72	-222.85
13758	14.05	3.10	-5.50	96.97	5.05	-952.23	24.95	438.91	-212.53
13759	12.89	2.50	-5.50	112.95	13.97	-897.02	29.60	393.39	-253.14
13760	12.83	3.10	-5.50	112.38	7.91	-956.41	22.77	419.27	-242.17
13761	11.66	2.50	-5.50	128.99	19.53	-903.10	28.60	372.52	-281.11

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]
13762	11.61	3.10	-5.50	129.03	13.22	-962.16	21.49	395.95	-269.27
13763	10.43	2.50	-5.50	145.02	26.66	-910.33	28.23	347.63	-306.89
13764	10.39	3.10	-5.50	145.48	20.46	-969.04	21.06	368.61	-293.98
13765	9.21	2.50	-5.50	160.37	34.81	-918.30	28.33	318.88	-330.44
13766	9.17	3.10	-5.50	161.16	28.93	-976.62	21.38	337.47	-316.33
13767	7.98	2.50	-5.50	174.66	43.37	-926.56	28.73	286.47	-351.66
13768	7.94	3.10	-5.50	175.75	37.90	-984.53	22.22	302.77	-336.33
13769	6.75	2.50	-5.50	187.45	51.75	-934.54	29.21	250.66	-370.39
13770	6.72	3.10	-5.50	188.85	46.72	-992.23	23.32	264.72	-353.90
13771	5.52	2.50	-5.50	198.20	59.46	-941.55	29.57	211.74	-386.41
13772	5.50	3.10	-5.50	199.92	54.85	-999.04	24.44	223.59	-368.88
13773	4.30	2.50	-5.50	206.29	66.10	-946.85	29.68	170.17	-399.48
13774	4.28	3.10	-5.50	208.30	61.87	-1004.21	25.41	179.80	-381.07
13775	3.07	2.50	-5.50	211.10	71.38	-949.74	29.50	126.56	-409.36
13776	3.06	3.10	-5.50	213.35	67.45	-1007.00	26.15	133.98	-390.25
13777	1.84	2.50	-5.50	212.08	75.08	-949.66	29.04	81.71	-415.82
13778	1.83	3.10	-5.50	214.51	71.39	-1006.85	26.65	86.89	-396.23
13779	0.61	2.50	-5.50	208.84	77.06	-946.30	28.41	36.48	-418.72
13780	0.61	3.10	-5.50	211.34	73.52	-1003.41	26.98	39.43	-398.87
13781	19.03	2.50	-6.90	85.61	107.85	-716.63	139.88	476.28	-34.55
13782	18.94	3.10	-6.90	86.68	112.51	-760.09	133.18	516.00	-24.44
13783	17.80	2.50	-6.90	111.05	101.69	-785.75	129.58	456.88	-90.23
13784	17.72	3.10	-6.90	113.46	105.17	-835.29	123.73	493.16	-80.62
13785	16.57	2.50	-6.90	126.73	97.41	-823.98	117.96	430.20	-140.06
13786	16.50	3.10	-6.90	129.62	99.52	-876.69	112.34	462.79	-131.07
13787	15.34	2.50	-6.90	138.00	96.11	-840.41	106.69	405.36	-183.42
13788	15.28	3.10	-6.90	141.05	97.02	-894.26	100.92	434.69	-174.68
13789	14.12	2.50	-6.90	149.99	97.68	-846.20	96.62	383.59	-221.23
13790	14.05	3.10	-6.90	153.24	97.74	-900.18	90.58	410.11	-212.38
13791	12.89	2.50	-6.90	164.14	101.67	-848.43	87.96	362.45	-254.62
13792	12.83	3.10	-6.90	167.63	101.28	-902.14	81.66	386.39	-245.38
13793	11.66	2.50	-6.90	179.80	107.58	-850.05	80.60	339.87	-284.38
13794	11.61	3.10	-6.90	183.55	107.08	-903.29	74.15	361.34	-274.50
13795	10.43	2.50	-6.90	196.02	114.89	-852.00	74.37	314.89	-310.95
13796	10.39	3.10	-6.90	199.97	114.52	-904.66	67.95	333.99	-300.25
13797	9.21	2.50	-6.90	211.97	123.02	-854.46	69.08	287.28	-334.53
13798	9.17	3.10	-6.90	216.12	122.94	-906.52	62.88	304.11	-322.91
13799	7.98	2.50	-6.90	227.05	131.42	-857.31	64.51	257.08	-355.25
13800	7.94	3.10	-6.90	231.40	131.71	-908.78	58.71	271.73	-342.69
13801	6.75	2.50	-6.90	240.68	139.58	-860.20	60.43	224.48	-373.11
13802	6.72	3.10	-6.90	245.24	140.26	-911.17	55.18	237.03	-359.64
13803	5.52	2.50	-6.90	252.29	147.06	-862.69	56.63	189.75	-388.07
13804	5.50	3.10	-6.90	257.07	148.12	-913.25	52.04	200.24	-373.79
13805	4.30	2.50	-6.90	261.31	153.51	-864.28	52.96	153.27	-400.04
13806	4.28	3.10	-6.90	266.29	154.93	-914.51	49.11	161.74	-385.07
13807	3.07	2.50	-6.90	267.21	158.68	-864.47	49.33	115.52	-408.93
13808	3.06	3.10	-6.90	272.36	160.39	-914.46	46.28	121.98	-393.40
13809	1.84	2.50	-6.90	269.53	162.36	-862.88	45.71	77.08	-414.65
13810	1.83	3.10	-6.90	274.78	164.30	-912.70	43.49	81.56	-398.73
13811	0.61	2.50	-6.90	267.95	164.44	-859.29	42.13	38.63	-417.12
13812	0.61	3.10	-6.90	273.23	166.54	-908.98	40.74	41.15	-400.97
13813	19.03	2.50	-8.30	92.52	176.68	-683.66	219.16	422.60	-9.26
13814	18.94	3.10	-8.30	96.86	181.94	-721.35	210.04	458.08	-1.62
13815	17.80	2.50	-8.30	124.59	180.51	-737.73	205.36	415.43	-64.70
13816	17.72	3.10	-8.30	130.04	185.87	-780.16	197.61	448.65	-56.71
13817	16.57	2.50	-8.30	150.76	183.76	-772.57	190.96	397.79	-115.73
13818	16.50	3.10	-8.30	156.97	189.09	-818.05	184.04	428.26	-107.67
13819	15.34	2.50	-8.30	172.42	187.62	-790.98	176.37	376.03	-161.33
13820	15.28	3.10	-8.30	179.11	192.85	-838.08	169.86	403.63	-153.31
13821	14.12	2.50	-8.30	192.06	192.77	-798.53	162.22	353.39	-201.54
13822	14.05	3.10	-8.30	199.10	197.97	-846.24	155.85	378.22	-193.48
13823	12.89	2.50	-8.30	211.44	199.33	-800.36	148.93	330.48	-236.87
13824	12.83	3.10	-8.30	218.74	204.66	-848.02	142.59	352.71	-228.59
13825	11.66	2.50	-8.30	231.01	207.13	-799.82	136.68	306.80	-267.88
13826	11.61	3.10	-8.30	238.53	212.73	-847.06	130.40	326.58	-259.23
13827	10.43	2.50	-8.30	250.49	215.77	-798.63	125.46	281.85	-295.05
13828	10.39	3.10	-8.30	258.22	221.77	-845.27	119.35	299.32	-285.90
13829	9.21	2.50	-8.30	269.38	224.83	-797.56	115.20	255.39	-318.70
13830	9.17	3.10	-8.30	277.30	231.30	-843.51	109.37	270.66	-308.96
13831	7.98	2.50	-8.30	287.10	233.85	-796.82	105.73	227.39	-339.05
13832	7.94	3.10	-8.30	295.23	240.82	-842.10	100.32	240.57	-328.69
13833	6.75	2.50	-8.30	303.12	242.42	-796.33	96.88	197.95	-356.26
13834	6.72	3.10	-8.30	311.44	249.88	-841.00	91.99	209.14	-345.29
13835	5.52	2.50	-8.30	316.89	250.17	-795.83	88.48	167.27	-370.41
13836	5.50	3.10	-8.30	325.41	258.10	-839.99	84.20	176.54	-358.87
13837	4.30	2.50	-8.30	327.92	256.82	-795.01	80.38	135.61	-381.55
13838	4.28	3.10	-8.30	336.60	265.16	-838.76	76.79	143.03	-369.52
13839	3.07	2.50	-8.30	335.77	262.16	-793.51	72.51	103.33	-389.69
13840	3.06	3.10	-8.30	344.57	270.85	-836.96	69.65	108.94	-377.26
13841	1.84	2.50	-8.30	340.07	266.03	-791.09	64.82	70.84	-394.85
13842	1.83	3.10	-8.30	348.94	274.98	-834.32	62.71	74.68	-382.12
13843	0.61	2.50	-8.30	340.57	268.31	-787.57	57.32	38.60	-397.03
13844	0.61	3.10	-8.30	349.43	277.45	-830.67	55.96	40.71	-384.12
13845	23.44	2.50	-2.70	238.11	100.13	-291.53	82.80	384.03	182.71
13846	23.37	3.10	-2.70	569.78	244.71	158.38	-141.79	560.83	117.49
13847	22.60	2.50	-2.70	220.97	38.10	-323.82	-34.06	395.78	123.54
13848	22.52	3.10	-2.70	292.05	24.21	-93.03	-265.45	512.92	179.13
13849	21.75	2.50	-2.70	153.93	-11.16	-402.98	-111.80	452.43	52.31
13850	21.68	3.10	-2.70	160.14	11.25	-264.57	-340.11	579.75	141.58
13851	20.91	2.50	-2.70	47.34	-43.99	-471.65	-127.47	536.22	-7.50
13852	20.83	3.10	-2.70	33.24	-51.87	-439.82	-370.76	680.03	123.29
13853	20.06	2.50	-2.70	-92.05	-145.85	-688.46	-159.25	688.09	22.24
13854	19.98	3.10	-2.70	-97.58	-165.46	-744.90	-353.24	812.96	87.98
13855	23.44	2.50	-4.10	209.07	161.81	-158.08	54.20	290.59	238.14
13856	23.37	3.10	-4.10	311.14	144.49	-54.08	-43.32	337.50	131.98
13857	22.60	2.50	-4.10	145.10	112.73	-203.08	-53.96	283.50	137.95
13858	22.52	3.10	-4.10	156.30	60.69	-172.37	-106.66	318.83	160.75
13859	21.75	2.50	-4.10	72.81	91.26	-283.46	-102.71	365.96	86.84
13860	21.68	3.10	-4.10	63.19	83.25	-270.76	-136.09	397.93	126.99

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]
13861	20.91	2.50	-4.10	1.89	56.26	-415.09	-114.46	485.24	47.52
13862	20.83	3.10	-4.10	-13.46	60.82	-424.28	-129.95	524.44	92.65
13863	20.06	2.50	-4.10	-6.66	-16.16	-643.84	-97.73	583.45	7.80
13864	19.98	3.10	-4.10	-25.98	-10.76	-682.34	-95.55	628.81	29.09
13865	23.44	2.50	-5.50	167.50	99.18	-173.83	32.27	268.08	250.00
13866	23.37	3.10	-5.50	138.38	102.14	-168.80	-26.94	303.78	134.86
13867	22.60	2.50	-5.50	69.19	75.62	-235.47	40.82	266.88	168.63
13868	22.52	3.10	-5.50	56.45	93.99	-226.69	11.15	305.94	176.03
13869	21.75	2.50	-5.50	16.74	88.32	-308.97	40.83	362.68	122.80
13870	21.68	3.10	-5.50	5.35	101.54	-310.31	22.91	403.11	137.97
13871	20.91	2.50	-5.50	4.62	80.97	-438.55	41.92	464.44	74.55
13872	20.83	3.10	-5.50	-6.50	90.28	-454.78	31.54	510.75	93.38
13873	20.06	2.50	-5.50	32.66	58.10	-618.55	48.25	527.73	11.44
13874	19.98	3.10	-5.50	25.85	63.48	-655.26	40.91	575.93	28.12
13875	23.44	2.50	-6.90	155.73	86.01	-224.78	36.55	247.46	195.67
13876	23.37	3.10	-6.90	-15.01	35.83	-267.25	-0.47	301.56	96.47
13877	22.60	2.50	-6.90	20.73	63.81	-297.65	146.34	256.96	166.15
13878	22.52	3.10	-6.90	-11.89	99.48	-285.69	119.86	291.57	175.25
13879	21.75	2.50	-6.90	-6.91	108.15	-361.72	164.51	338.27	148.95
13880	21.68	3.10	-6.90	-19.71	114.39	-365.74	147.67	376.04	157.70
13881	20.91	2.50	-6.90	8.41	116.08	-471.87	156.68	420.16	98.16
13882	20.83	3.10	-6.90	2.05	124.05	-489.13	145.13	461.81	109.12
13883	20.06	2.50	-6.90	46.59	114.48	-604.77	148.74	470.66	30.96
13884	19.98	3.10	-6.90	44.95	120.34	-637.25	140.47	512.66	41.53
13885	23.44	2.50	-8.30	89.04	79.17	-270.41	280.98	229.93	28.78
13886	23.37	3.10	-8.30	-135.38	1.37	-304.53	227.62	237.73	-23.78
13887	22.60	2.50	-8.30	-12.33	71.90	-350.86	307.43	214.19	168.05
13888	22.52	3.10	-8.30	-49.03	109.94	-337.63	274.12	229.56	173.47
13889	21.75	2.50	-8.30	-16.02	134.48	-417.63	281.50	287.10	178.77
13890	21.68	3.10	-8.30	-25.88	136.32	-423.52	261.69	317.11	183.57
13891	20.91	2.50	-8.30	10.35	155.54	-505.87	254.30	361.45	125.16
13892	20.83	3.10	-8.30	8.57	161.14	-523.87	239.65	396.54	131.56
13893	20.06	2.50	-8.30	51.66	169.88	-602.82	234.65	408.64	55.98
13894	19.98	3.10	-8.30	53.97	174.61	-632.47	223.45	445.34	63.02
13895	-0.61	2.50	-2.70	120.23	-44.01	-1165.95	7.64	-34.04	-385.21
13896	-0.61	3.10	-2.70	119.72	-53.93	-1241.29	7.47	-33.17	-355.91
13897	-1.84	2.50	-2.70	103.69	-46.46	-1149.99	9.26	-93.48	-379.80
13898	-1.83	3.10	-2.70	102.92	-56.52	-1224.91	10.33	-95.58	-350.84
13899	-3.07	2.50	-2.70	81.58	-51.11	-1128.06	11.39	-149.58	-369.63
13900	-3.06	3.10	-2.70	80.32	-61.47	-1202.27	13.61	-154.49	-341.31
13901	-4.30	2.50	-2.70	54.31	-57.96	-1101.49	14.42	-201.02	-355.06
13902	-4.28	3.10	-2.70	52.35	-68.74	-1174.79	17.69	-208.55	-327.65
13903	-5.52	2.50	-2.70	22.45	-66.96	-1072.06	18.65	-246.76	-336.64
13904	-5.50	3.10	-2.70	19.60	-78.29	-1144.31	22.84	-256.63	-310.37
13905	-6.75	2.50	-2.70	-13.37	-78.05	-1041.89	24.29	-286.04	-315.01
13906	-6.72	3.10	-2.70	-17.25	-90.05	-1113.03	29.26	-297.97	-290.05
13907	-7.98	2.50	-2.70	-52.50	-91.22	-1013.37	31.42	-318.45	-290.86
13908	-7.94	3.10	-2.70	-57.53	-103.97	-1083.42	37.04	-332.13	-267.33
13909	-9.21	2.50	-2.70	-94.38	-106.47	-989.07	40.03	-343.96	-264.83
13910	-9.17	3.10	-2.70	-100.67	-120.05	-1058.17	46.16	-359.10	-242.78
13911	-10.43	2.50	-2.70	-138.74	-123.88	-971.72	50.01	-362.94	-237.49
13912	-10.39	3.10	-2.70	-146.38	-138.37	-1040.07	56.55	-379.28	-216.92
13913	-11.66	2.50	-2.70	-185.72	-143.68	-964.18	61.24	-376.15	-209.22
13914	-11.61	3.10	-2.70	-194.84	-159.17	-1032.06	68.12	-393.47	-190.06
13915	-12.89	2.50	-2.70	-236.19	-166.34	-969.56	73.62	-384.78	-180.16
13916	-12.83	3.10	-2.70	-246.96	-182.94	-1037.34	80.83	-402.90	-162.27
13917	-14.12	2.50	-2.70	-292.16	-192.73	-991.64	87.23	-390.43	-150.07
13918	-14.05	3.10	-2.70	-304.84	-210.60	-1059.78	94.81	-409.26	-133.27
13919	-15.34	2.50	-2.70	-357.57	-224.61	-1036.35	102.48	-395.26	-118.15
13920	-15.28	3.10	-2.70	-372.59	-244.02	-1105.51	110.59	-414.73	-102.19
13921	-16.57	2.50	-2.70	-439.85	-265.03	-1112.00	120.62	-402.19	-82.58
13922	-16.50	3.10	-2.70	-457.86	-286.44	-1183.19	129.57	-422.30	-67.17
13923	-17.80	2.50	-2.70	-552.49	-324.41	-1265.37	144.61	-412.58	-39.43
13924	-17.72	3.10	-2.70	-574.55	-348.82	-1341.22	154.77	-433.57	-24.18
13925	-19.03	2.50	-2.70	-742.33	-397.92	-1371.78	194.18	-537.87	31.58
13926	-18.94	3.10	-2.70	-769.99	-426.65	-1446.77	207.56	-564.81	50.96
13927	-0.61	2.50	-4.10	153.77	7.25	-1042.81	17.41	-19.86	-405.87
13928	-0.61	3.10	-4.10	154.28	-0.34	-1108.26	17.05	-19.01	-381.65
13929	-1.84	2.50	-4.10	139.28	5.17	-1030.23	18.58	-70.58	-401.08
13930	-1.83	3.10	-4.10	139.58	-2.49	-1095.41	19.29	-72.23	-377.11
13931	-3.07	2.50	-4.10	119.87	1.06	-1013.63	20.13	-118.42	-392.28
13932	-3.06	3.10	-4.10	119.79	-6.79	-1078.41	21.83	-122.45	-368.79
13933	-4.30	2.50	-4.10	95.89	-5.05	-994.11	22.32	-162.33	-379.75
13934	-4.28	3.10	-4.10	95.27	-13.21	-1058.40	24.93	-168.57	-356.98
13935	-5.52	2.50	-4.10	67.82	-13.12	-973.09	25.34	-201.43	-363.90
13936	-5.50	3.10	-4.10	66.53	-21.66	-1036.84	28.73	-209.68	-342.04
13937	-6.75	2.50	-4.10	36.27	-23.07	-952.31	29.30	-235.06	-345.24
13938	-6.72	3.10	-4.10	34.20	-32.08	-1015.51	33.36	-245.08	-324.42
13939	-7.98	2.50	-4.10	1.89	-34.84	-933.70	34.22	-262.79	-324.27
13940	-7.94	3.10	-4.10	-1.05	-44.37	-996.43	38.82	-274.35	-304.63
13941	-9.21	2.50	-4.10	-34.67	-48.36	-919.40	40.04	-284.48	-301.54
13942	-9.17	3.10	-4.10	-38.54	-58.46	-981.76	45.06	-297.31	-283.14
13943	-10.43	2.50	-4.10	-72.80	-63.59	-911.63	46.63	-300.20	-277.52
13944	-10.39	3.10	-4.10	-77.65	-74.29	-973.81	51.94	-314.06	-260.39
13945	-11.66	2.50	-4.10	-112.01	-80.53	-912.78	53.78	-310.29	-252.58
13946	-11.61	3.10	-4.10	-117.85	-91.85	-974.99	59.27	-324.94	-236.70
13947	-12.89	2.50	-4.10	-151.81	-99.21	-925.44	61.25	-315.33	-226.93
13948	-12.83	3.10	-4.10	-158.65	-111.16	-987.95	66.82	-330.59	-212.25
13949	-14.12	2.50	-4.10	-191.55	-119.72	-952.71	68.76	-316.31	-200.51
13950	-14.05	3.10	-4.10	-199.35	-132.29	-1015.85	74.29	-332.04	-186.94
13951	-15.34	2.50	-4.10	-229.46	-142.00	-998.35	75.93	-315.28	-172.83
13952	-15.28	3.10	-4.10	-238.07	-155.13	-1062.50	81.24	-331.46	-160.17
13953	-16.57	2.50	-4.10	-260.34	-165.66	-1069.02	82.14	-317.92	-142.42
13954	-16.50	3.10	-4.10	-269.33	-179.18	-1134.58	86.87	-334.92	-130.22
13955	-17.80	2.50	-4.10	-267.23	-184.69	-1149.37	86.60	-355.40	-104.14
13956	-17.72	3.10	-4.10	-275.60	-198.03	-1215.02	90.06	-375.02	-90.80
13957	-19.03	2.50	-4.10	-250.87	-181.40	-1120.65	92.57	-478.78	-52.59
13958	-18.94	3.10	-4.10	-258.12	-193.63	-1180.16	94.93	-503.41	-34.89
13959	-0.61	2.50	-5.50	201.15	77.22	-939.61	27.76	-8.16	-417.99

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]
13960	-0.61	3.10	-5.50	203.59	73.74	-996.61	27.27	-7.41	-398.09
13961	-1.84	2.50	-5.50	188.96	75.53	-929.87	27.24	-51.25	-413.64
13962	-1.83	3.10	-5.50	191.22	72.03	-986.72	27.66	-52.65	-393.91
13963	-3.07	2.50	-5.50	172.41	72.00	-917.67	27.04	-91.88	-405.80
13964	-3.06	3.10	-5.50	174.38	68.38	-974.35	28.31	-95.33	-386.43
13965	-4.30	2.50	-5.50	151.85	66.66	-903.90	27.29	-129.24	-394.69
13966	-4.28	3.10	-5.50	153.41	62.85	-960.40	29.32	-134.61	-375.85
13967	-5.52	2.50	-5.50	127.75	59.59	-889.75	28.09	-162.63	-380.60
13968	-5.50	3.10	-5.50	128.80	55.53	-946.10	30.77	-169.78	-362.44
13969	-6.75	2.50	-5.50	100.74	50.89	-876.64	29.45	-191.57	-363.90
13970	-6.72	3.10	-5.50	101.23	46.54	-932.90	32.68	-200.31	-346.54
13971	-7.98	2.50	-5.50	71.58	40.71	-866.20	31.34	-215.74	-344.98
13972	-7.94	3.10	-5.50	71.47	36.04	-922.45	34.97	-225.88	-328.50
13973	-9.21	2.50	-5.50	41.15	29.21	-860.18	33.60	-235.05	-324.20
13974	-9.17	3.10	-5.50	40.43	24.22	-916.55	37.52	-246.40	-308.66
13975	-10.43	2.50	-5.50	10.46	16.59	-860.45	36.03	-249.68	-301.91
13976	-10.39	3.10	-5.50	9.15	11.31	-917.09	40.07	-262.05	-287.32
13977	-11.66	2.50	-5.50	-19.25	3.15	-868.90	38.32	-260.13	-278.32
13978	-11.61	3.10	-5.50	-21.07	-2.37	-925.98	42.33	-273.38	-264.64
13979	-12.89	2.50	-5.50	-46.35	-10.73	-887.38	40.05	-267.48	-253.45
13980	-12.83	3.10	-5.50	-48.56	-16.38	-945.03	43.85	-281.52	-240.59
13981	-14.12	2.50	-5.50	-68.42	-24.39	-917.34	40.71	-273.98	-226.95
13982	-14.05	3.10	-5.50	-70.81	-30.02	-975.66	44.08	-288.85	-214.70
13983	-15.34	2.50	-5.50	-81.76	-36.67	-958.88	39.63	-284.54	-197.80
13984	-15.28	3.10	-5.50	-84.03	-42.03	-1017.74	42.31	-300.55	-185.77
13985	-16.57	2.50	-5.50	-81.35	-44.96	-1004.27	36.26	-311.07	-163.70
13986	-16.50	3.10	-5.50	-83.18	-49.67	-1062.79	37.98	-328.97	-151.07
13987	-17.80	2.50	-5.50	-70.99	-44.81	-1020.23	31.65	-371.30	-121.30
13988	-17.72	3.10	-5.50	-72.53	-48.52	-1075.93	32.58	-392.00	-106.79
13989	-19.03	2.50	-5.50	-79.12	-34.09	-949.23	29.86	-456.94	-70.26
13990	-18.94	3.10	-5.50	-81.40	-36.80	-998.23	31.36	-480.18	-53.30
13991	-0.61	2.50	-6.90	262.29	164.83	-853.69	38.66	0.86	-416.34
13992	-0.61	3.10	-6.90	267.50	167.01	-903.29	38.09	1.46	-400.13
13993	-1.84	2.50	-6.90	252.54	163.51	-846.30	35.40	-35.50	-412.33
13994	-1.83	3.10	-6.90	257.58	165.70	-895.86	35.61	-36.79	-396.21
13995	-3.07	2.50	-6.90	238.85	160.49	-837.61	32.43	-69.81	-405.18
13996	-3.06	3.10	-6.90	243.64	162.61	-887.16	33.38	-72.91	-389.29
13997	-4.30	2.50	-6.90	221.55	155.82	-828.36	29.83	-101.48	-395.06
13998	-4.28	3.10	-6.90	226.01	157.82	-877.95	31.43	-106.30	-379.52
13999	-5.52	2.50	-6.90	201.14	149.60	-819.51	27.61	-130.06	-382.15
14000	-5.50	3.10	-6.90	205.20	151.43	-869.22	29.77	-136.49	-367.06
14001	-6.75	2.50	-6.90	178.28	141.96	-812.22	25.75	-155.26	-366.69
14002	-6.72	3.10	-6.90	181.91	143.60	-862.14	28.35	-163.18	-352.13
14003	-7.98	2.50	-6.90	153.79	133.09	-807.82	24.14	-176.97	-348.93
14004	-7.94	3.10	-6.90	156.97	134.53	-858.05	27.06	-186.26	-334.94
14005	-9.21	2.50	-6.90	128.66	123.23	-807.72	22.61	-195.33	-329.09
14006	-9.17	3.10	-6.90	131.44	124.49	-858.38	25.72	-205.87	-315.67
14007	-10.43	2.50	-6.90	104.11	112.70	-813.29	20.91	-210.81	-307.31
14008	-10.39	3.10	-6.90	106.53	113.84	-864.49	24.05	-222.49	-294.44
14009	-11.66	2.50	-6.90	81.58	101.94	-825.73	18.75	-224.32	-283.62
14010	-11.61	3.10	-6.90	83.73	103.04	-877.52	21.76	-237.08	-271.21
14011	-12.89	2.50	-6.90	62.81	91.52	-845.64	15.76	-237.55	-257.82
14012	-12.83	3.10	-6.90	64.81	92.71	-898.00	18.47	-251.41	-245.71
14013	-14.12	2.50	-6.90	49.69	82.28	-872.24	11.63	-253.48	-229.34
14014	-14.05	3.10	-6.90	51.67	83.72	-924.94	13.88	-268.58	-217.26
14015	-15.34	2.50	-6.90	43.64	75.42	-901.10	6.24	-277.17	-197.12
14016	-15.28	3.10	-6.90	45.66	77.31	-953.51	7.93	-293.78	-184.65
14017	-16.57	2.50	-6.90	42.67	72.44	-919.82	0.14	-314.88	-159.69
14018	-16.50	3.10	-6.90	44.59	74.92	-970.70	1.39	-333.28	-146.30
14019	-17.80	2.50	-6.90	37.58	74.27	-906.58	-4.82	-367.02	-116.35
14020	-17.72	3.10	-6.90	38.95	77.33	-954.06	-3.49	-387.12	-101.68
14021	-19.03	2.50	-6.90	16.95	80.28	-840.78	-6.04	-418.65	-69.08
14022	-18.94	3.10	-6.90	17.28	83.71	-882.91	-3.82	-439.63	-53.46
14023	-0.61	2.50	-8.30	337.15	268.96	-782.97	50.05	7.12	-396.25
14024	-0.61	3.10	-8.30	345.92	278.20	-826.01	49.44	7.52	-383.27
14025	-1.84	2.50	-8.30	329.83	267.95	-777.48	43.07	-23.14	-392.55
14026	-1.83	3.10	-8.30	338.42	277.22	-820.53	43.17	-24.39	-379.60
14027	-3.07	2.50	-8.30	318.79	265.31	-771.46	36.43	-51.72	-386.00
14028	-3.06	3.10	-8.30	327.12	274.53	-814.61	37.19	-54.59	-373.16
14029	-4.30	2.50	-8.30	304.34	261.09	-765.51	30.18	-78.29	-376.68
14030	-4.28	3.10	-8.30	312.34	270.21	-808.82	31.53	-82.71	-364.03
14031	-5.52	2.50	-8.30	286.97	255.39	-760.37	24.30	-102.61	-364.72
14032	-5.50	3.10	-8.30	294.59	264.34	-803.95	26.17	-108.52	-352.30
14033	-6.75	2.50	-8.30	267.30	248.36	-756.96	18.75	-124.61	-350.23
14034	-6.72	3.10	-8.30	274.51	257.11	-800.91	21.04	-131.95	-338.07
14035	-7.98	2.50	-8.30	246.13	240.18	-756.30	13.42	-144.42	-333.32
14036	-7.94	3.10	-8.30	252.91	248.71	-800.72	16.03	-153.13	-321.41
14037	-9.21	2.50	-8.30	224.37	231.11	-759.39	8.18	-162.44	-314.07
14038	-9.17	3.10	-8.30	230.77	239.43	-804.37	10.97	-172.45	-302.37
14039	-10.43	2.50	-8.30	203.13	221.49	-767.10	2.82	-179.35	-292.48
14040	-10.39	3.10	-8.30	209.16	229.64	-812.69	5.67	-190.62	-280.93
14041	-11.66	2.50	-8.30	183.55	211.76	-779.87	-2.85	-196.31	-268.48
14042	-11.61	3.10	-8.30	189.29	219.80	-826.02	-0.07	-208.81	-256.95
14043	-12.89	2.50	-8.30	166.76	202.45	-797.19	-8.95	-215.01	-241.80
14044	-12.83	3.10	-8.30	172.22	210.46	-843.73	-6.37	-228.78	-230.13
14045	-14.12	2.50	-8.30	153.39	194.21	-816.77	-15.46	-237.81	-211.98
14046	-14.05	3.10	-8.30	158.56	202.29	-863.29	-13.13	-252.91	-199.96
14047	-15.34	2.50	-8.30	142.67	187.73	-833.13	-22.01	-267.23	-178.45
14048	-15.28	3.10	-8.30	147.45	195.94	-878.90	-19.87	-283.71	-165.85
14049	-16.57	2.50	-8.30	131.29	183.48	-836.87	-27.65	-304.01	-140.83
14050	-16.50	3.10	-8.30	135.45	191.80	-880.87	-25.50	-321.74	-127.50
14051	-17.80	2.50	-8.30	114.02	181.41	-816.70	-30.98	-343.98	-99.61
14052	-17.72	3.10	-8.30	117.29	189.75	-857.78	-28.44	-362.57	-85.65
14053	-19.03	2.50	-8.30	86.99	180.92	-764.85	-30.77	-376.77	-56.56
14054	-18.94	3.10	-8.30	89.20	189.07	-801.98	-27.45	-395.49	-42.46
14055	-20.06	2.50	-2.70	-891.34	-383.21	-741.89	302.63	-691.64	77.10
14056	-19.98	3.10	-2.70	-919.24	-414.67	-779.60	321.10	-723.02	101.64
14057	-20.91	2.50	-2.70	-272.61	-189.38	-35.22	219.69	-151.39	13.51
14058	-20.83	3.10	-2.70	-275.39	-205.10	-36.28	222.63	-157.74	17.72

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]
14059	-21.75	2.50	-2.70	-49.56	-138.42	-30.42	158.73	-47.99	16.36
14060	-21.68	3.10	-2.70	-45.36	-148.13	-31.51	156.25	-49.55	17.30
14061	-22.60	2.50	-2.70	16.68	-102.28	-11.53	103.25	-3.02	20.17
14062	-22.52	3.10	-2.70	21.19	-107.71	-11.83	100.17	-2.71	19.82
14063	-23.44	2.50	-2.70	11.93	-75.97	2.84	37.95	13.91	37.79
14064	-23.37	3.10	-2.70	13.66	-77.79	3.04	35.95	15.31	37.03
14065	-20.06	2.50	-4.10	-299.18	-142.29	-774.81	104.29	-597.58	10.48
14066	-19.98	3.10	-4.10	-308.16	-152.55	-813.90	109.55	-625.17	32.09
14067	-20.91	2.50	-4.10	-337.52	-95.37	-325.71	119.87	-425.68	37.26
14068	-20.83	3.10	-4.10	-347.54	-103.79	-341.16	128.12	-444.03	51.70
14069	-21.75	2.50	-4.10	-173.23	-45.73	-113.85	93.92	-182.81	42.26
14070	-21.68	3.10	-4.10	-176.86	-50.04	-118.64	98.03	-189.62	47.83
14071	-22.60	2.50	-4.10	-64.60	-18.87	-65.08	59.37	-62.18	58.35
14072	-22.52	3.10	-4.10	-64.97	-20.30	-67.70	60.88	-63.53	60.03
14073	-23.44	2.50	-4.10	-12.01	6.39	-5.52	20.43	0.88	90.52
14074	-23.37	3.10	-4.10	-11.71	7.59	-5.69	21.11	2.78	90.36
14075	-20.06	2.50	-5.50	-131.59	-13.73	-736.80	36.69	-504.45	-13.63
14076	-19.98	3.10	-5.50	-135.91	-15.69	-773.10	40.70	-527.77	4.00
14077	-20.91	2.50	-5.50	-169.61	12.66	-456.83	45.03	-430.44	31.56
14078	-20.83	3.10	-5.50	-175.12	11.66	-478.06	51.00	-448.79	45.46
14079	-21.75	2.50	-5.50	-145.41	35.38	-256.61	43.39	-274.55	60.09
14080	-21.68	3.10	-5.50	-149.87	35.63	-267.74	49.00	-284.97	68.09
14081	-22.60	2.50	-5.50	-71.92	55.89	-150.49	29.13	-131.10	85.88
14082	-22.52	3.10	-5.50	-73.72	57.80	-156.64	32.83	-134.77	89.09
14083	-23.44	2.50	-5.50	-16.90	75.47	-56.75	13.48	-29.89	119.63
14084	-23.37	3.10	-5.50	-17.01	78.73	-59.03	16.06	-28.64	119.88
14085	-20.06	2.50	-6.90	-24.97	90.22	-700.18	-1.91	-441.75	-16.87
14086	-19.98	3.10	-6.90	-26.19	93.84	-733.83	1.95	-462.06	-1.51
14087	-20.91	2.50	-6.90	-66.78	101.45	-515.98	5.99	-396.93	31.91
14088	-20.83	3.10	-6.90	-69.41	105.16	-539.47	11.34	-413.66	44.61
14089	-21.75	2.50	-6.90	-73.57	111.59	-358.98	11.06	-293.64	70.10
14090	-21.68	3.10	-6.90	-76.22	115.55	-374.43	16.56	-304.64	78.56
14091	-22.60	2.50	-6.90	-47.12	120.73	-248.71	11.42	-173.45	103.11
14092	-22.52	3.10	-6.90	-48.69	125.18	-259.02	16.03	-178.70	107.36
14093	-23.44	2.50	-6.90	-12.42	130.93	-150.17	11.06	-53.57	134.73
14094	-23.37	3.10	-6.90	-12.46	135.87	-156.45	14.81	-53.16	135.34
14095	-20.06	2.50	-8.30	46.62	181.14	-669.71	-25.94	-387.38	-9.17
14096	-19.98	3.10	-8.30	47.44	188.88	-701.08	-21.50	-405.11	4.19
14097	-20.91	2.50	-8.30	4.89	181.06	-545.40	-16.75	-354.77	37.96
14098	-20.83	3.10	-8.30	4.40	188.21	-569.80	-11.30	-369.60	49.13
14099	-21.75	2.50	-8.30	-18.70	180.03	-429.54	-6.67	-280.29	78.00
14100	-21.68	3.10	-8.30	-19.73	186.67	-447.89	-0.97	-290.66	85.91
14101	-22.60	2.50	-8.30	-19.99	178.21	-338.03	2.83	-181.79	112.65
14102	-22.52	3.10	-8.30	-21.05	184.54	-351.82	7.99	-187.41	116.86
14103	-23.44	2.50	-8.30	-7.46	174.96	-267.14	12.22	-63.62	143.11
14104	-23.37	3.10	-8.30	-7.65	180.71	-279.97	16.90	-64.71	143.62
14105	0.61	3.95	-2.70	127.69	-71.11	-1355.56	2.22	36.48	-309.70
14106	1.82	3.95	-2.70	132.22	-73.40	-1357.29	-3.06	104.92	-305.96
14107	3.03	3.95	-2.70	130.91	-78.06	-1351.52	-9.13	171.97	-298.32
14108	4.24	3.95	-2.70	124.42	-84.87	-1339.03	-16.23	236.08	-287.12
14109	5.45	3.95	-2.70	113.66	-93.55	-1321.14	-24.52	295.98	-272.78
14110	6.67	3.95	-2.70	99.72	-103.67	-1299.49	-34.01	350.81	-255.80
14111	7.88	3.96	-2.70	83.65	-114.68	-1275.90	-44.55	400.20	-236.64
14112	9.09	3.96	-2.70	66.27	-125.83	-1252.06	-55.85	444.40	-215.66
14113	10.30	3.96	-2.70	47.69	-136.11	-1229.23	-67.54	484.13	-193.04
14114	11.51	3.96	-2.70	26.77	-144.28	-1207.91	-79.45	520.28	-168.78
14115	12.73	3.96	-2.70	0.57	-149.17	-1187.86	-92.07	553.09	-142.86
14116	13.94	3.96	-2.70	-35.47	-150.73	-1169.08	-107.49	580.86	-115.94
14117	15.15	3.96	-2.70	-84.74	-152.61	-1155.61	-130.21	599.33	-90.73
14118	16.36	3.96	-2.70	-143.93	-164.40	-1158.78	-166.70	607.22	-72.23
14119	17.57	3.96	-2.70	-207.35	-196.24	-1203.85	-227.39	618.82	-70.30
14120	18.78	3.96	-2.70	-308.22	-222.92	-1205.54	-330.20	698.22	-14.46
14121	0.60	5.05	-2.70	120.81	-99.38	-1488.95	-1.35	42.95	-241.84
14122	1.79	5.05	-2.70	124.83	-101.91	-1490.84	-9.44	115.54	-238.83
14123	2.99	5.06	-2.70	122.78	-106.99	-1485.18	-18.28	186.70	-232.68
14124	4.18	5.06	-2.70	115.35	-114.41	-1472.84	-28.07	254.87	-223.66
14125	5.38	5.06	-2.70	103.54	-123.90	-1455.22	-38.90	318.79	-212.13
14126	6.58	5.06	-2.70	88.53	-135.08	-1434.04	-50.73	377.66	-198.47
14127	7.77	5.06	-2.70	71.50	-147.45	-1411.16	-63.34	431.26	-183.00
14128	8.97	5.07	-2.70	53.42	-160.35	-1388.29	-76.36	480.04	-165.92
14129	10.16	5.07	-2.70	34.54	-172.85	-1366.56	-89.19	525.04	-147.15
14130	11.36	5.07	-2.70	13.69	-183.62	-1346.18	-101.18	567.58	-126.26
14131	12.55	5.07	-2.70	-12.78	-190.78	-1326.35	-112.02	608.17	-102.41
14132	13.75	5.07	-2.70	-51.88	-192.02	-1306.50	-122.89	644.40	-74.87
14133	14.94	5.08	-2.70	-113.08	-186.17	-1291.85	-138.57	667.93	-44.71
14134	16.14	5.08	-2.70	-202.37	-177.53	-1302.15	-169.13	666.10	-18.24
14135	17.33	5.08	-2.70	-317.81	-182.52	-1399.19	-221.10	636.65	-4.53
14136	18.53	5.08	-2.70	-500.27	-221.38	-1449.82	-288.43	697.00	63.29
14137	0.59	6.15	-2.70	109.36	-135.14	-1619.03	-5.35	48.86	-166.40
14138	1.76	6.15	-2.70	112.77	-137.77	-1621.14	-16.40	124.55	-164.27
14139	2.94	6.16	-2.70	109.91	-143.07	-1615.89	-28.16	198.79	-159.80
14140	4.11	6.16	-2.70	101.51	-150.84	-1604.22	-40.80	270.04	-153.20
14141	5.29	6.16	-2.70	88.59	-160.84	-1587.55	-54.37	337.09	-144.76
14142	6.46	6.16	-2.70	72.37	-172.76	-1567.64	-68.85	399.19	-134.75
14143	7.64	6.16	-2.70	54.14	-186.23	-1546.36	-84.06	456.24	-123.41
14144	8.81	6.17	-2.70	35.01	-200.80	-1525.38	-99.63	508.83	-110.83
14145	9.99	6.17	-2.70	15.54	-215.86	-1505.77	-114.96	558.31	-96.85
14146	11.16	6.17	-2.70	-4.95	-230.47	-1487.51	-129.07	606.51	-80.82
14147	12.34	6.17	-2.70	-29.54	-243.06	-1469.25	-140.65	654.85	-61.34
14148	13.51	6.17	-2.70	-65.20	-250.74	-1449.29	-148.23	702.05	-35.82
14149	14.69	6.18	-2.70	-123.60	-248.80	-1430.89	-151.25	740.02	-0.42
14150	15.86	6.18	-2.70	-217.98	-232.69	-1432.29	-153.49	751.30	49.31
14151	17.04	6.18	-2.70	-353.00	-222.95	-1524.97	-168.86	718.72	108.57
14152	18.21	6.18	-2.70	-548.33	-264.48	-1585.90	-226.12	768.42	188.42
14153	0.58	7.25	-2.70	92.81	-178.96	-1746.54	-9.65	54.16	-84.77
14154	1.73	7.25	-2.70	95.51	-181.50	-1748.92	-23.67	131.81	-83.67
14155	2.88	7.25	-2.70	91.79	-186.77	-1744.36	-38.38	208.05	-81.01
14156	4.03	7.25	-2.70	82.36	-194.57	-1733.84	-53.89	281.35	-76.95
14157	5.18	7.25	-2.70	68.22	-204.68	-1718.78	-70.28	350.56	-71.69



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]
14158	6.33	7.26	-2.70	50.54	-216.89	-1700.91	-87.57	414.98	-65.45
14159	7.48	7.26	-2.70	30.60	-230.95	-1682.07	-105.70	474.53	-58.40
14160	8.63	7.26	-2.70	9.58	-246.65	-1663.93	-124.49	529.89	-50.60
14161	9.78	7.26	-2.70	-11.73	-263.79	-1647.58	-143.60	582.50	-41.95
14162	10.93	7.26	-2.70	-33.38	-282.13	-1633.06	-162.28	634.53	-32.00
14163	12.08	7.26	-2.70	-57.06	-301.25	-1618.97	-179.17	688.34	-19.55
14164	13.23	7.26	-2.70	-87.00	-320.27	-1602.70	-191.69	745.13	-1.74
14165	14.38	7.26	-2.70	-130.41	-336.87	-1583.95	-194.99	802.21	27.89
14166	15.53	7.26	-2.70	-195.46	-345.09	-1569.63	-181.93	851.94	83.24
14167	16.68	7.26	-2.70	-288.98	-340.23	-1597.01	-153.36	881.79	184.47
14168	17.83	7.26	-2.70	-443.12	-379.01	-1562.42	-159.38	968.22	319.12
14169	0.61	3.95	-4.10	162.54	-13.93	-1208.25	12.47	40.55	-343.65
14170	1.82	3.95	-4.10	166.60	-16.21	-1211.20	8.35	99.21	-340.83
14171	3.03	3.95	-4.10	165.61	-20.62	-1209.04	3.80	157.04	-334.67
14172	4.24	3.95	-4.10	160.14	-26.97	-1202.32	-1.34	212.85	-325.41
14173	5.45	3.95	-4.10	150.91	-35.02	-1191.94	-7.08	265.66	-313.33
14174	6.67	3.95	-4.10	138.77	-44.41	-1178.99	-13.38	314.75	-298.75
14175	7.88	3.96	-4.10	124.51	-54.66	-1164.64	-20.03	359.74	-281.97
14176	9.09	3.96	-4.10	108.72	-65.13	-1149.90	-26.75	400.58	-263.20
14177	10.30	3.96	-4.10	91.51	-75.03	-1135.48	-33.19	437.34	-242.52
14178	11.51	3.96	-4.10	72.34	-83.34	-1121.74	-39.10	469.97	-219.90
14179	12.73	3.96	-4.10	50.11	-89.06	-1108.98	-44.61	497.73	-195.28
14180	13.94	3.96	-4.10	24.15	-91.56	-1098.59	-50.55	518.86	-168.99
14181	15.15	3.96	-4.10	-3.29	-91.31	-1094.31	-58.52	532.03	-142.21
14182	16.36	3.96	-4.10	-24.25	-89.96	-1101.81	-69.90	541.75	-116.95
14183	17.57	3.96	-4.10	-26.00	-84.87	-1107.06	-81.04	572.64	-87.48
14184	18.78	3.96	-4.10	-10.07	-62.87	-1024.20	-87.56	656.71	-37.73
14185	0.60	5.05	-4.10	158.03	-36.35	-1326.34	8.90	46.09	-287.21
14186	1.79	5.05	-4.10	161.71	-38.82	-1329.60	2.40	108.25	-285.04
14187	2.99	5.06	-4.10	160.18	-43.54	-1327.83	-4.53	169.59	-280.18
14188	4.18	5.06	-4.10	154.03	-50.33	-1321.63	-11.98	228.89	-272.81
14189	5.38	5.06	-4.10	144.03	-58.96	-1311.94	-19.95	285.19	-263.18
14190	6.58	5.06	-4.10	131.11	-69.08	-1299.91	-28.33	337.81	-251.54
14191	7.77	5.06	-4.10	116.15	-80.27	-1286.70	-36.90	386.48	-238.11
14192	8.97	5.07	-4.10	99.82	-91.95	-1273.29	-45.26	431.24	-222.99
14193	10.16	5.07	-4.10	82.32	-103.33	-1260.26	-52.89	472.41	-206.11
14194	11.36	5.07	-4.10	63.06	-113.34	-1247.72	-59.25	510.13	-187.10
14195	12.55	5.07	-4.10	40.56	-120.51	-1235.64	-63.92	543.76	-165.34
14196	13.75	5.07	-4.10	13.07	-123.07	-1225.19	-67.14	571.07	-140.14
14197	14.94	5.08	-4.10	-18.96	-119.25	-1220.98	-70.37	588.67	-111.48
14198	16.14	5.08	-4.10	-48.03	-108.32	-1233.75	-75.56	597.31	-80.69
14199	17.33	5.08	-4.10	-53.11	-88.37	-1252.91	-80.75	625.74	-43.24
14200	18.53	5.08	-4.10	-26.52	-53.98	-1171.62	-88.62	724.32	13.17
14201	0.59	6.15	-4.10	149.38	-64.90	-1443.35	4.88	51.07	-224.14
14202	1.76	6.15	-4.10	152.59	-67.42	-1446.95	-4.07	115.82	-222.75
14203	2.94	6.16	-4.10	150.44	-72.24	-1445.76	-13.46	179.74	-219.35
14204	4.11	6.16	-4.10	143.56	-79.20	-1440.43	-23.33	241.65	-214.09
14205	5.29	6.16	-4.10	132.75	-88.09	-1431.92	-33.67	300.57	-207.16
14206	6.46	6.16	-4.10	118.96	-98.60	-1421.38	-44.36	355.90	-198.78
14207	7.64	6.16	-4.10	103.15	-110.40	-1409.98	-55.19	407.40	-189.12
14208	8.81	6.17	-4.10	86.11	-123.03	-1398.65	-65.77	455.23	-178.24
14209	9.99	6.17	-4.10	68.25	-135.87	-1387.91	-75.52	499.91	-166.01
14210	11.16	6.17	-4.10	49.28	-148.07	-1377.66	-83.62	541.94	-151.93
14211	12.34	6.17	-4.10	28.02	-158.26	-1367.39	-89.04	581.25	-134.94
14212	13.51	6.17	-4.10	2.66	-164.31	-1357.34	-90.63	616.37	-113.06
14213	14.69	6.18	-4.10	-27.47	-162.96	-1350.50	-87.80	644.16	-83.23
14214	15.86	6.18	-4.10	-56.95	-151.14	-1356.64	-81.72	663.27	-42.33
14215	17.04	6.18	-4.10	-63.18	-125.05	-1367.09	-74.38	699.08	13.75
14216	18.21	6.18	-4.10	-34.12	-81.19	-1276.37	-72.53	803.95	83.89
14217	0.58	7.25	-4.10	136.17	-99.85	-1560.23	0.58	55.45	-155.53
14218	1.73	7.25	-4.10	138.79	-102.24	-1564.17	-10.82	121.79	-155.05
14219	2.88	7.25	-4.10	135.97	-106.93	-1563.72	-22.64	187.33	-153.24
14220	4.03	7.25	-4.10	128.31	-113.75	-1559.55	-34.91	250.89	-150.19
14221	5.18	7.25	-4.10	116.61	-122.49	-1552.64	-47.63	311.52	-146.09
14222	6.33	7.26	-4.10	101.78	-132.93	-1544.12	-60.70	368.62	-141.10
14223	7.48	7.26	-4.10	84.82	-144.79	-1535.14	-73.98	421.97	-135.39
14224	8.63	7.26	-4.10	66.59	-157.76	-1526.67	-87.17	471.78	-129.04
14225	9.78	7.26	-4.10	47.72	-171.44	-1519.22	-99.80	518.64	-121.97
14226	10.93	7.26	-4.10	28.38	-185.30	-1512.69	-111.11	563.35	-113.82
14227	12.08	7.26	-4.10	8.19	-198.54	-1506.37	-119.86	606.56	-103.62
14228	13.23	7.26	-4.10	-13.50	-209.74	-1499.47	-124.16	648.42	-89.09
14229	14.38	7.26	-4.10	-36.43	-216.08	-1491.87	-121.42	688.77	-65.34
14230	15.53	7.26	-4.10	-57.29	-213.14	-1485.11	-110.51	728.94	-23.88
14231	16.68	7.26	-4.10	-61.55	-196.70	-1465.42	-96.89	786.23	43.15
14232	17.83	7.26	-4.10	-37.22	-155.60	-1351.52	-96.10	893.50	124.97
14233	0.61	3.95	-5.50	213.07	66.19	-1084.18	24.62	43.37	-366.92
14234	1.82	3.95	-5.50	216.11	63.89	-1087.87	22.83	93.61	-364.68
14235	3.03	3.95	-5.50	214.70	59.70	-1088.32	20.88	143.50	-359.46
14236	4.24	3.95	-5.50	209.31	53.77	-1085.91	18.73	192.12	-351.37
14237	5.45	3.95	-5.50	200.55	46.34	-1081.26	16.42	238.72	-340.60
14238	6.67	3.95	-5.50	189.10	37.73	-1075.11	14.09	282.69	-327.31
14239	7.88	3.96	-5.50	175.67	28.38	-1068.21	11.95	323.67	-311.65
14240	9.09	3.96	-5.50	160.81	18.85	-1061.21	10.32	361.43	-293.70
14241	10.30	3.96	-5.50	144.93	9.87	-1054.57	9.55	395.84	-273.41
14242	11.51	3.96	-5.50	128.26	2.31	-1048.56	9.95	426.71	-250.60
14243	12.73	3.96	-5.50	111.16	-2.88	-1043.47	11.69	453.73	-225.01
14244	13.94	3.96	-5.50	94.91	-4.75	-1039.83	14.73	477.01	-196.30
14245	15.15	3.96	-5.50	82.49	-2.50	-1037.67	18.93	498.73	-164.06
14246	16.36	3.96	-5.50	77.79	5.01	-1031.29	24.68	526.65	-126.61
14247	17.57	3.96	-5.50	77.66	19.38	-997.00	31.77	571.82	-80.02
14248	18.78	3.96	-5.50	61.19	40.01	-900.07	36.78	624.48	-21.18
14249	0.60	5.05	-5.50	212.68	52.72	-1188.89	21.10	48.07	-319.85
14250	1.79	5.05	-5.50	215.47	50.28	-1192.98	17.32	101.37	-318.18
14251	2.99	5.06	-5.50	213.72	45.88	-1194.01	13.37	154.33	-314.04
14252	4.18	5.06	-5.50	207.90	39.68	-1192.39	9.27	206.05	-307.55
14253	5.38	5.06	-5.50	198.67	31.91	-1188.76	5.09	255.78	-298.83
14254	6.58	5.06	-5.50	186.78	22.89	-1183.88	1.00	302.95	-288.03
14255	7.77	5.06	-5.50	172.98	13.06	-1178.50	-2.72	347.25	-275.22
14256	8.97	5.07	-5.50	157.92	2.96	-1173.21	-5.69	388.56	-260.40

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]
14257	10.16	5.07	-5.50	142.05	-6.65	-1168.34	-7.41	426.89	-243.40
14258	11.36	5.07	-5.50	125.57	-14.81	-1163.96	-7.39	462.19	-223.78
14259	12.55	5.07	-5.50	108.71	-20.28	-1160.07	-5.18	494.26	-200.83
14260	13.75	5.07	-5.50	92.37	-21.58	-1156.90	-0.64	523.05	-173.55
14261	14.94	5.08	-5.50	79.32	-17.13	-1154.61	5.96	550.24	-140.77
14262	16.14	5.08	-5.50	74.53	-5.31	-1147.58	14.18	583.82	-100.51
14263	17.33	5.08	-5.50	75.97	14.60	-1109.30	22.06	636.99	-50.25
14264	18.53	5.08	-5.50	59.79	38.59	-999.05	25.58	700.43	8.79
14265	0.59	6.15	-5.50	208.63	34.41	-1294.25	17.13	52.23	-266.64
14266	1.76	6.15	-5.50	211.09	31.96	-1298.75	11.32	107.80	-265.63
14267	2.94	6.16	-5.50	208.93	27.57	-1300.48	5.35	163.04	-262.71
14268	4.11	6.16	-5.50	202.67	21.38	-1299.88	-0.75	217.08	-257.98
14269	5.29	6.16	-5.50	192.97	13.62	-1297.61	-6.87	269.15	-251.53
14270	6.46	6.16	-5.50	180.64	4.61	-1294.43	-12.83	318.75	-243.46
14271	7.64	6.16	-5.50	166.49	-5.28	-1291.06	-18.34	365.60	-233.84
14272	8.81	6.17	-5.50	151.26	-15.52	-1288.07	-22.97	409.68	-222.61
14273	9.99	6.17	-5.50	135.54	-25.43	-1285.68	-26.16	451.15	-209.52
14274	11.16	6.17	-5.50	119.72	-34.08	-1283.74	-27.20	490.25	-193.97
14275	12.34	6.17	-5.50	104.07	-40.19	-1281.77	-25.33	527.19	-174.86
14276	13.51	6.17	-5.50	89.30	-42.00	-1279.16	-19.89	562.31	-150.31
14277	14.69	6.18	-5.50	77.42	-37.37	-1274.81	-10.97	597.26	-117.74
14278	15.86	6.18	-5.50	72.76	-24.08	-1262.07	-0.03	638.88	-74.22
14279	17.04	6.18	-5.50	73.69	-1.54	-1214.92	8.32	698.71	-18.87
14280	18.21	6.18	-5.50	58.06	24.67	-1094.91	6.89	767.31	40.51
14281	0.58	7.25	-5.50	200.60	11.28	-1401.33	12.87	55.85	-208.00
14282	1.73	7.25	-5.50	202.64	9.01	-1406.25	5.10	112.80	-207.73
14283	2.88	7.25	-5.50	200.05	4.87	-1408.76	-2.82	169.48	-206.16
14284	4.03	7.25	-5.50	193.33	-0.97	-1409.36	-10.85	225.00	-203.28
14285	5.18	7.25	-5.50	183.17	-8.29	-1408.71	-18.86	278.60	-199.18
14286	6.33	7.26	-5.50	170.36	-16.80	-1407.57	-26.68	329.78	-193.95
14287	7.48	7.26	-5.50	155.77	-26.15	-1406.65	-34.02	378.30	-187.64
14288	8.63	7.26	-5.50	140.23	-35.86	-1406.51	-40.47	424.19	-180.18
14289	9.78	7.26	-5.50	124.52	-45.32	-1407.32	-45.49	467.77	-171.29
14290	10.93	7.26	-5.50	109.28	-53.71	-1408.80	-48.31	509.53	-160.36
14291	12.08	7.26	-5.50	95.15	-59.89	-1410.09	-47.96	550.23	-146.14
14292	13.23	7.26	-5.50	82.99	-62.19	-1409.48	-43.35	591.20	-126.24
14293	14.38	7.26	-5.50	74.06	-58.26	-1403.48	-34.05	634.90	-96.72
14294	15.53	7.26	-5.50	70.20	-45.58	-1382.60	-22.05	686.69	-53.02
14295	16.68	7.26	-5.50	68.54	-22.58	-1322.29	-14.08	752.84	5.57
14296	17.83	7.26	-5.50	51.46	6.18	-1192.20	-19.63	821.32	67.44
14297	0.61	3.95	-6.90	279.09	167.55	-979.76	38.44	44.49	-374.62
14298	1.82	3.95	-6.90	280.58	165.14	-983.75	39.92	87.38	-372.71
14299	3.03	3.95	-6.90	278.02	160.99	-985.92	41.46	130.30	-367.99
14300	4.24	3.95	-6.90	271.75	155.24	-986.52	43.07	172.60	-360.52
14301	5.45	3.95	-6.90	262.30	148.08	-985.98	44.84	213.70	-350.35
14302	6.67	3.95	-6.90	250.26	139.84	-984.79	46.94	253.14	-337.52
14303	7.88	3.96	-6.90	236.24	130.88	-983.45	49.58	290.61	-322.05
14304	9.09	3.96	-6.90	220.85	121.73	-982.35	53.05	325.90	-303.85
14305	10.30	3.96	-6.90	204.66	112.99	-981.67	57.68	358.90	-282.75
14306	11.51	3.96	-6.90	188.23	105.41	-981.37	63.75	389.62	-258.45
14307	12.73	3.96	-6.90	172.28	99.76	-981.01	71.42	418.30	-230.47
14308	13.94	3.96	-6.90	157.78	96.84	-979.40	80.73	445.88	-198.14
14309	15.15	3.96	-6.90	145.51	97.31	-973.05	91.49	474.66	-160.53
14310	16.36	3.96	-6.90	134.04	101.52	-953.45	103.02	507.56	-116.46
14311	17.57	3.96	-6.90	117.29	108.80	-907.14	113.81	543.18	-65.34
14312	18.78	3.96	-6.90	89.19	117.44	-823.36	121.75	571.01	-9.03
14313	0.60	5.05	-6.90	284.32	165.50	-1072.29	34.97	48.43	-335.20
14314	1.79	5.05	-6.90	285.70	162.97	-1076.70	34.75	94.08	-333.75
14315	2.99	5.06	-6.90	282.95	158.66	-1079.54	34.57	139.80	-329.90
14316	4.18	5.06	-6.90	276.46	152.71	-1081.07	34.51	184.95	-323.67
14317	5.38	5.06	-6.90	266.79	145.35	-1081.73	34.69	228.97	-315.10
14318	6.58	5.06	-6.90	254.56	136.89	-1082.01	35.30	271.45	-304.18
14319	7.77	5.06	-6.90	240.45	127.71	-1082.38	36.62	312.11	-290.89
14320	8.97	5.07	-6.90	225.11	118.35	-1083.16	39.00	350.83	-275.06
14321	10.16	5.07	-6.90	209.14	109.47	-1084.40	42.83	387.61	-256.41
14322	11.36	5.07	-6.90	193.09	101.86	-1085.80	48.49	422.56	-234.43
14323	12.55	5.07	-6.90	177.56	96.45	-1086.61	56.22	456.02	-208.35
14324	13.75	5.07	-6.90	163.37	94.23	-1085.19	65.98	488.92	-177.14
14325	14.94	5.08	-6.90	151.24	96.03	-1077.53	77.25	523.47	-139.60
14326	16.14	5.08	-6.90	139.72	102.11	-1054.31	88.67	562.56	-94.75
14327	17.33	5.08	-6.90	122.46	111.24	-1001.12	98.04	604.47	-43.08
14328	18.53	5.08	-6.90	93.21	121.17	-906.86	103.32	638.13	12.18
14329	0.59	6.15	-6.90	286.30	159.51	-1166.58	31.05	51.88	-289.76
14330	1.76	6.15	-6.90	287.49	156.98	-1171.41	29.10	99.64	-288.82
14331	2.94	6.16	-6.90	284.54	152.72	-1174.99	27.22	147.50	-285.91
14332	4.11	6.16	-6.90	277.86	146.89	-1177.59	25.48	194.85	-281.05
14333	5.29	6.16	-6.90	268.03	139.70	-1179.67	24.03	241.15	-274.21
14334	6.46	6.16	-6.90	255.71	131.45	-1181.70	23.09	286.01	-265.38
14335	7.64	6.16	-6.90	241.63	122.55	-1184.11	22.99	329.22	-254.49
14336	8.81	6.17	-6.90	226.52	113.50	-1187.14	24.09	370.74	-241.31
14337	9.99	6.17	-6.90	211.03	104.97	-1190.69	26.86	410.71	-225.48
14338	11.16	6.17	-6.90	195.75	97.74	-1194.19	31.75	449.43	-206.30
14339	12.34	6.17	-6.90	181.22	92.80	-1196.39	39.11	487.46	-182.71
14340	13.51	6.17	-6.90	167.99	91.19	-1194.91	48.90	525.84	-153.25
14341	14.69	6.18	-6.90	156.33	93.87	-1184.89	60.32	566.52	-116.28
14342	15.86	6.18	-6.90	144.54	101.07	-1156.51	71.24	611.55	-70.97
14343	17.04	6.18	-6.90	126.71	111.39	-1095.79	78.56	658.37	-19.11
14344	18.21	6.18	-6.90	97.48	122.67	-992.26	80.65	696.17	34.36
14345	0.58	7.25	-6.90	284.81	149.79	-1263.77	26.79	54.89	-238.53
14346	1.73	7.25	-6.90	285.75	147.44	-1269.02	23.22	103.97	-238.13
14347	2.88	7.25	-6.90	282.59	143.48	-1273.35	19.73	153.28	-236.26
14348	4.03	7.25	-6.90	275.75	138.09	-1277.10	16.40	202.16	-232.81
14349	5.18	7.25	-6.90	265.81	131.50	-1280.72	13.41	250.05	-227.75
14350	6.33	7.26	-6.90	253.48	123.99	-1284.67	11.00	296.59	-221.04
14351	7.48	7.26	-6.90	239.52	115.96	-1289.32	9.49	341.63	-212.57
14352	8.63	7.26	-6.90	224.71	107.89	-1294.85	9.26	385.21	-202.10
14353	9.78	7.26	-6.90	209.81	100.43	-1301.02	10.79	427.62	-189.16
14354	10.93	7.26	-6.90	195.49	94.33	-1306.99	14.57	469.36	-172.96
14355	12.08	7.26	-6.90	182.34	90.48	-1310.99	21.00	511.32	-152.26

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]
14356	13.23	7.26	-6.90	170.59	89.88	-1309.70	30.14	554.85	-125.22
14357	14.38	7.26	-6.90	159.84	93.43	-1297.00	40.99	601.65	-89.67
14358	15.53	7.26	-6.90	147.77	101.32	-1262.46	50.91	652.40	-44.64
14359	16.68	7.26	-6.90	129.16	112.07	-1193.21	56.02	703.08	7.27
14360	17.83	7.26	-6.90	100.39	123.78	-1080.37	54.49	743.16	59.65
14361	0.61	3.95	-8.30	360.51	288.65	-892.33	53.69	43.48	-362.62
14362	1.82	3.95	-8.30	360.02	285.98	-896.25	59.28	79.67	-360.89
14363	3.03	3.95	-8.30	355.59	281.57	-899.33	65.07	116.20	-356.48
14364	4.24	3.95	-8.30	347.51	275.54	-901.74	71.09	152.63	-349.35
14365	5.45	3.95	-8.30	336.15	268.06	-903.76	77.43	188.55	-339.48
14366	6.67	3.95	-8.30	322.03	259.38	-905.72	84.24	223.67	-326.80
14367	7.88	3.96	-8.30	305.68	249.82	-907.93	91.70	257.76	-311.20
14368	9.09	3.96	-8.30	287.66	239.79	-910.54	100.05	290.67	-292.50
14369	10.30	3.96	-8.30	268.52	229.78	-913.49	109.49	322.36	-270.45
14370	11.51	3.96	-8.30	248.77	220.34	-916.31	120.19	352.89	-244.69
14371	12.73	3.96	-8.30	228.87	212.00	-917.91	132.17	382.52	-214.75
14372	13.94	3.96	-8.30	209.04	205.22	-916.09	145.24	411.79	-180.10
14373	15.15	3.96	-8.30	188.70	200.16	-906.85	158.90	441.15	-140.16
14374	16.36	3.96	-8.30	165.92	196.51	-884.21	172.28	469.81	-94.69
14375	17.57	3.96	-8.30	138.02	193.32	-841.83	184.39	494.04	-44.20
14376	18.78	3.96	-8.30	103.38	189.18	-776.36	194.66	506.82	9.79
14377	0.60	5.05	-8.30	372.70	300.10	-973.41	50.24	46.72	-329.79
14378	1.79	5.05	-8.30	372.20	297.27	-977.72	54.26	85.45	-328.41
14379	2.99	5.06	-8.30	367.72	292.67	-981.46	58.46	124.58	-324.62
14380	4.18	5.06	-8.30	359.54	286.40	-984.80	62.93	163.69	-318.36
14381	5.38	5.06	-8.30	348.09	278.65	-988.03	67.79	202.41	-309.60
14382	6.58	5.06	-8.30	333.90	269.69	-991.46	73.21	240.47	-298.21
14383	7.77	5.06	-8.30	317.55	259.83	-995.34	79.42	277.70	-284.06
14384	8.97	5.07	-8.30	299.62	249.52	-999.75	86.67	314.00	-266.89
14385	10.16	5.07	-8.30	280.66	239.26	-1004.45	95.22	349.40	-246.38
14386	11.36	5.07	-8.30	261.14	229.63	-1008.73	105.25	384.02	-222.04
14387	12.55	5.07	-8.30	241.42	221.20	-1011.14	116.73	418.14	-193.29
14388	13.75	5.07	-8.30	221.58	214.45	-1009.03	129.33	452.24	-159.47
14389	14.94	5.08	-8.30	200.92	209.53	-997.92	142.25	486.65	-120.07
14390	16.14	5.08	-8.30	177.42	206.00	-971.46	154.25	520.27	-75.17
14391	17.33	5.08	-8.30	148.43	202.76	-923.12	164.09	549.09	-25.86
14392	18.53	5.08	-8.30	112.38	198.34	-849.44	171.22	565.98	25.71
14393	0.59	6.15	-8.30	381.91	307.93	-1056.70	46.30	49.53	-290.94
14394	1.76	6.15	-8.30	381.35	305.06	-1061.35	48.71	90.30	-289.91
14395	2.94	6.16	-8.30	376.82	300.46	-1065.77	51.33	131.52	-286.78
14396	4.11	6.16	-8.30	368.61	294.25	-1070.11	54.24	172.80	-281.47
14397	5.29	6.16	-8.30	357.18	286.61	-1074.67	57.58	213.82	-273.88
14398	6.46	6.16	-8.30	343.07	277.81	-1079.70	61.56	254.31	-263.89
14399	7.64	6.16	-8.30	326.91	268.17	-1085.41	66.42	294.17	-251.30
14400	8.81	6.17	-8.30	309.29	258.12	-1091.75	72.45	333.38	-235.83
14401	9.99	6.17	-8.30	290.79	248.16	-1098.31	79.92	372.04	-217.06
14402	11.16	6.17	-8.30	271.83	238.84	-1104.08	89.00	410.35	-194.41
14403	12.34	6.17	-8.30	252.66	230.73	-1107.16	99.65	448.66	-167.17
14404	13.51	6.17	-8.30	233.13	224.25	-1104.39	111.41	487.37	-134.56
14405	14.69	6.18	-8.30	212.32	219.50	-1090.80	123.21	526.47	-96.12
14406	15.86	6.18	-8.30	188.21	215.94	-1059.91	133.46	564.44	-52.27
14407	17.04	6.18	-8.30	158.42	212.45	-1005.45	140.71	596.96	-4.78
14408	18.21	6.18	-8.30	121.61	207.54	-924.30	144.41	617.03	43.46
14409	0.58	7.25	-8.30	387.92	312.29	-1143.31	41.95	51.97	-245.78
14410	1.73	7.25	-8.30	387.28	309.50	-1148.22	42.86	94.14	-245.10
14411	2.88	7.25	-8.30	382.71	305.12	-1153.26	43.98	136.92	-242.70
14412	4.03	7.25	-8.30	374.54	299.29	-1158.60	45.41	179.88	-238.36
14413	5.18	7.25	-8.30	363.23	292.18	-1164.48	47.30	222.64	-231.94
14414	6.33	7.26	-8.30	349.36	284.02	-1171.11	49.89	265.02	-223.33
14415	7.48	7.26	-8.30	333.54	275.15	-1178.62	53.42	306.95	-212.30
14416	8.63	7.26	-8.30	316.43	265.96	-1186.85	58.18	348.50	-198.52
14417	9.78	7.26	-8.30	298.59	256.94	-1195.18	64.44	389.85	-181.52
14418	10.93	7.26	-8.30	280.44	248.57	-1202.30	72.34	431.31	-160.63
14419	12.08	7.26	-8.30	262.12	241.30	-1205.85	81.81	473.28	-135.08
14420	13.23	7.26	-8.30	243.20	235.45	-1202.08	92.32	516.12	-104.02
14421	14.38	7.26	-8.30	222.47	231.00	-1185.54	102.58	559.46	-66.95
14422	15.53	7.26	-8.30	197.91	227.29	-1149.74	110.73	601.07	-24.64
14423	16.68	7.26	-8.30	167.53	223.20	-1089.00	115.13	636.28	20.50
14424	17.83	7.26	-8.30	130.44	217.39	-1001.13	115.23	658.19	64.74
14425	19.82	3.96	-2.70	-304.84	-223.24	-729.32	-589.21	791.24	145.26
14426	20.67	3.96	-2.70	52.48	-64.61	-211.70	-653.98	467.93	161.98
14427	21.53	3.96	-2.70	194.22	46.50	-111.24	-623.80	387.65	105.20
14428	22.38	3.96	-2.70	321.92	70.03	9.36	-576.79	332.99	23.01
14429	23.24	3.96	-2.70	461.46	452.59	225.75	-599.70	312.95	-168.51
14430	19.56	5.08	-2.70	-529.65	-194.63	-749.64	-440.84	778.25	150.34
14431	20.42	5.08	-2.70	58.46	49.37	-31.52	-379.46	243.31	53.49
14432	21.29	5.08	-2.70	215.08	126.84	-43.51	-375.62	171.72	63.77
14433	22.15	5.07	-2.70	262.59	159.00	-20.37	-416.11	111.94	32.22
14434	23.02	5.07	-2.70	111.55	81.47	-8.16	-264.92	0.34	34.10
14435	19.24	6.18	-2.70	-585.06	-229.23	-832.13	-328.65	864.91	233.34
14436	20.12	6.18	-2.70	34.56	59.41	-37.63	-183.35	290.30	39.93
14437	20.99	6.18	-2.70	205.75	197.00	-33.73	-137.51	209.39	35.17
14438	21.87	6.18	-2.70	201.89	275.89	-12.16	-177.28	159.78	84.91
14439	22.75	6.17	-2.70	68.93	-6.03	2.15	-153.39	-16.33	87.01
14440	18.86	7.26	-2.70	-433.01	-330.18	-876.99	-107.08	1074.05	265.28
14441	19.75	7.26	-2.70	16.85	-28.28	-194.06	148.96	647.02	-33.27
14442	20.64	7.26	-2.70	189.55	178.44	-135.40	241.46	561.77	-29.42
14443	21.53	7.26	-2.70	229.05	405.18	-54.49	246.40	546.04	39.99
14444	22.42	7.26	-2.70	160.24	304.25	40.87	173.05	517.72	353.75
14445	19.82	3.96	-4.10	-43.74	-3.10	-736.05	-91.23	712.97	59.99
14446	20.67	3.96	-4.10	-56.83	47.29	-396.59	-142.63	587.15	136.91
14447	21.53	3.96	-4.10	43.93	82.30	-211.63	-164.12	422.59	154.69
14448	22.38	3.96	-4.10	133.06	73.10	-119.99	-173.51	323.05	138.05
14449	23.24	3.96	-4.10	199.68	165.18	10.20	-189.68	229.43	59.68
14450	19.56	5.08	-4.10	-68.40	-13.41	-805.24	-109.69	810.72	102.87
14451	20.42	5.08	-4.10	-104.42	28.25	-361.92	-157.32	652.86	142.00
14452	21.29	5.08	-4.10	19.75	110.86	-149.46	-160.38	448.57	143.03
14453	22.15	5.07	-4.10	77.69	166.49	-86.56	-184.20	304.27	132.52
14454	23.02	5.07	-4.10	42.64	160.96	1.76	-128.96	95.29	120.85

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]
14455	19.24	6.18	-4.10	-76.34	-38.86	-878.74	-92.22	904.36	136.79
14456	20.12	6.18	-4.10	-116.50	22.23	-387.90	-101.22	745.38	114.03
14457	20.99	6.18	-4.10	12.32	142.87	-148.07	-62.51	535.84	104.11
14458	21.87	6.18	-4.10	46.14	236.48	-85.59	-55.86	409.15	192.58
14459	22.75	6.17	-4.10	22.18	187.84	-1.41	-42.02	117.26	256.51
14460	18.86	7.26	-4.10	-78.53	-98.54	-971.88	-141.41	990.95	162.33
14461	19.75	7.26	-4.10	-97.81	9.46	-487.28	-137.30	860.99	102.95
14462	20.64	7.26	-4.10	31.82	156.28	-205.34	-59.28	678.58	76.54
14463	21.53	7.26	-4.10	99.38	289.42	-65.54	-2.45	618.55	149.43
14464	22.42	7.26	-4.10	73.47	307.52	45.17	2.35	522.80	584.32
14465	19.82	3.96	-5.50	16.19	66.68	-705.04	30.72	641.91	49.75
14466	20.67	3.96	-5.50	-21.20	96.56	-470.46	18.96	575.31	115.69
14467	21.53	3.96	-5.50	-18.39	115.10	-303.27	3.77	457.24	160.89
14468	22.38	3.96	-5.50	24.17	115.91	-212.17	-16.40	337.87	176.86
14469	23.24	3.96	-5.50	58.10	132.35	-154.35	-49.70	213.72	100.53
14470	19.56	5.08	-5.50	9.49	66.22	-772.81	19.73	726.36	74.37
14471	20.42	5.08	-5.50	-35.22	99.31	-493.28	10.64	661.45	130.87
14472	21.29	5.08	-5.50	-44.25	130.41	-293.74	0.31	537.79	176.13
14473	22.15	5.07	-5.50	-12.26	155.56	-193.82	-14.36	379.64	201.80
14474	23.02	5.07	-5.50	-3.04	131.33	-128.94	-20.38	128.09	198.76
14475	19.24	6.18	-5.50	8.65	55.94	-848.60	-4.50	801.07	96.50
14476	20.12	6.18	-5.50	-36.84	97.12	-533.67	-9.67	742.68	134.73
14477	20.99	6.18	-5.50	-48.40	145.21	-298.68	-1.63	625.31	164.00
14478	21.87	6.18	-5.50	-20.45	192.30	-175.16	6.39	492.31	259.65
14479	22.75	6.17	-5.50	-4.43	174.01	-92.77	-12.01	157.96	323.96
14480	18.86	7.26	-5.50	8.89	46.51	-932.01	-36.12	857.44	120.48
14481	19.75	7.26	-5.50	-28.70	94.72	-593.54	-44.07	804.79	141.74
14482	20.64	7.26	-5.50	-28.92	148.80	-323.24	-22.08	698.66	148.90
14483	21.53	7.26	-5.50	6.88	204.12	-152.75	9.05	628.68	197.06
14484	22.42	7.26	-5.50	23.04	227.53	-36.03	-0.49	514.79	648.27
14485	19.82	3.96	-6.90	43.96	126.59	-684.22	126.79	572.06	56.41
14486	20.67	3.96	-6.90	-6.36	132.36	-513.49	128.91	522.02	123.01
14487	21.53	3.96	-6.90	-40.18	129.70	-368.21	126.54	431.46	173.50
14488	22.38	3.96	-6.90	-62.65	122.83	-286.47	104.53	339.03	184.16
14489	23.24	3.96	-6.90	-66.84	31.99	-292.32	73.29	230.61	71.17
14490	19.56	5.08	-6.90	44.89	131.64	-747.84	105.00	644.82	74.42
14491	20.42	5.08	-6.90	-12.38	139.63	-548.16	105.63	597.47	135.43
14492	21.29	5.08	-6.90	-59.70	145.55	-372.39	107.16	510.25	190.92
14493	22.15	5.07	-6.90	-101.37	134.93	-288.66	104.99	403.74	217.35
14494	23.02	5.07	-6.90	-31.23	80.49	-289.78	46.05	161.09	189.11
14495	19.24	6.18	-6.90	48.74	134.55	-816.32	78.54	707.65	91.49
14496	20.12	6.18	-6.90	-10.30	144.24	-590.32	77.76	664.61	143.38
14497	20.99	6.18	-6.90	-61.41	148.88	-384.17	86.24	585.72	185.81
14498	21.87	6.18	-6.90	-100.65	144.80	-272.91	98.67	514.22	272.24
14499	22.75	6.17	-6.90	-28.60	122.95	-254.92	50.51	194.82	308.27
14500	18.86	7.26	-6.90	52.71	135.81	-889.48	46.17	756.59	111.49
14501	19.75	7.26	-6.90	-2.78	145.51	-641.37	40.88	715.76	149.85
14502	20.64	7.26	-6.90	-47.95	150.81	-408.60	50.61	640.39	172.83
14503	21.53	7.26	-6.90	-81.46	133.57	-255.12	71.03	616.62	204.22
14504	22.42	7.26	-6.90	-10.79	147.08	-158.13	54.57	513.65	599.39
14505	19.82	3.96	-8.30	57.62	181.35	-676.00	204.81	496.45	72.66
14506	20.67	3.96	-8.30	6.34	167.27	-550.40	217.61	447.31	139.93
14507	21.53	3.96	-8.30	-41.20	146.05	-431.16	234.04	361.28	192.12
14508	22.38	3.96	-8.30	-108.04	127.91	-324.81	247.53	259.28	193.70
14509	23.24	3.96	-8.30	-237.12	-28.98	-398.09	288.28	231.99	-33.32
14510	19.56	5.08	-8.30	63.33	189.82	-734.74	177.23	559.01	84.93
14511	20.42	5.08	-8.30	6.14	173.48	-587.76	185.79	511.29	147.40
14512	21.29	5.08	-8.30	-54.22	154.28	-441.23	203.01	424.74	203.92
14513	22.15	5.07	-8.30	-155.88	126.84	-311.39	233.22	315.11	226.89
14514	23.02	5.07	-8.30	-255.60	-2.71	-477.93	214.49	266.37	72.95
14515	19.24	6.18	-8.30	70.69	198.00	-796.75	145.99	613.32	97.09
14516	20.12	6.18	-8.30	9.92	179.97	-630.14	149.41	568.36	151.60
14517	20.99	6.18	-8.30	-53.44	149.77	-460.25	166.38	487.74	198.87
14518	21.87	6.18	-8.30	-154.81	123.56	-283.19	208.79	409.79	265.39
14519	22.75	6.17	-8.30	-306.73	17.56	-490.46	196.52	349.87	202.82
14520	18.86	7.26	-8.30	79.13	206.76	-862.41	111.96	656.30	111.43
14521	19.75	7.26	-8.30	17.45	187.05	-679.33	110.14	613.20	154.20
14522	20.64	7.26	-8.30	-44.39	152.82	-490.54	118.38	535.66	185.67
14523	21.53	7.26	-8.30	-135.76	90.15	-284.14	158.11	496.19	211.81
14524	22.42	7.26	-8.30	-251.91	31.15	-316.90	217.06	583.99	422.67
14525	-0.61	3.95	-2.70	116.94	-71.32	-1346.17	7.06	-31.70	-309.29
14526	-0.60	5.05	-2.70	110.27	-99.58	-1479.43	6.26	-29.37	-241.40
14527	-0.59	6.15	-2.70	99.22	-135.37	-1609.47	5.15	-26.53	-165.87
14528	-0.58	7.25	-2.70	83.28	-179.30	-1736.99	3.78	-23.18	-84.11
14529	-1.82	3.95	-2.70	99.91	-74.08	-1329.47	11.82	-97.82	-304.70
14530	-1.79	5.05	-2.70	93.13	-102.55	-1462.63	13.68	-99.60	-237.44
14531	-1.76	6.15	-2.70	82.27	-138.48	-1592.79	15.35	-99.88	-162.60
14532	-1.73	7.25	-2.70	66.82	-182.51	-1720.59	16.76	-98.62	-81.60
14533	-3.03	3.95	-2.70	76.80	-79.38	-1306.28	16.88	-160.30	-296.13
14534	-2.99	5.06	-2.70	69.62	-108.21	-1439.21	21.21	-166.08	-230.20
14535	-2.94	6.16	-2.70	58.70	-144.36	-1569.64	25.46	-169.47	-156.80
14536	-2.88	7.25	-2.70	43.59	-188.44	-1698.18	29.45	-170.36	-77.27
14537	-4.24	3.95	-2.70	48.05	-87.17	-1278.05	22.56	-217.71	-283.87
14538	-4.18	5.06	-2.70	40.16	-116.52	-1410.66	29.13	-227.30	-219.90
14539	-4.11	6.16	-2.70	28.97	-152.94	-1541.50	35.72	-233.74	-148.61
14540	-4.03	7.25	-2.70	14.01	-197.03	-1671.14	42.04	-236.84	-71.22
14541	-5.45	3.95	-2.70	14.28	-97.37	-1246.69	29.13	-268.87	-268.35
14542	-5.38	5.06	-2.70	5.40	-127.38	-1378.94	37.66	-282.05	-206.87
14543	-5.29	6.16	-2.70	-6.32	-164.16	-1510.30	46.31	-291.46	-138.24
14544	-5.18	7.25	-2.70	-21.31	-208.26	-1641.30	54.72	-296.86	-63.56
14545	-6.67	3.95	-2.70	-23.80	-109.92	-1214.50	36.75	-312.96	-250.09
14546	-6.58	5.06	-2.70	-33.94	-140.72	-1346.39	46.95	-329.45	-191.50
14547	-6.46	6.16	-2.70	-46.44	-177.94	-1478.36	57.36	-341.75	-125.95
14548	-6.33	7.26	-2.70	-61.70	-222.12	-1610.89	67.59	-349.57	-54.42
14549	-7.88	3.96	-2.70	-65.49	-124.74	-1184.03	45.51	-349.55	-229.59
14550	-7.77	5.06	-2.70	-77.14	-156.48	-1315.65	57.10	-369.08	-174.16
14551	-7.64	6.16	-2.70	-90.68	-194.26	-1448.30	68.98	-384.18	-111.97
14552	-7.48	7.26	-2.70	-106.49	-238.64	-1582.46	80.75	-394.52	-43.86
14553	-9.09	3.96	-2.70	-110.22	-141.84	-1158.06	55.42	-378.63	-207.37

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]
14554	-8.97	5.07	-2.70	-123.64	-174.66	-1289.54	68.13	-400.92	-155.21
14555	-8.81	6.17	-2.70	-138.52	-213.16	-1422.98	81.24	-418.73	-96.50
14556	-8.63	7.26	-2.70	-155.20	-257.89	-1558.77	94.33	-431.70	-31.90
14557	-10.30	3.96	-2.70	-157.70	-161.30	-1139.47	66.45	-400.63	-183.81
14558	-10.16	5.07	-2.70	-173.17	-195.39	-1271.03	80.09	-425.41	-134.89
14559	-9.99	6.17	-2.70	-189.73	-234.82	-1405.35	94.24	-445.83	-79.61
14560	-9.78	7.26	-2.70	-207.69	-280.12	-1542.78	108.50	-461.49	-18.48
14561	-11.51	3.96	-2.70	-208.13	-183.38	-1131.29	78.55	-416.40	-159.14
14562	-11.36	5.07	-2.70	-225.99	-218.97	-1263.22	93.01	-443.45	-113.30
14563	-11.16	6.17	-2.70	-244.63	-259.61	-1398.56	108.12	-466.36	-61.28
14564	-10.93	7.26	-2.70	-264.33	-305.86	-1537.64	123.51	-484.71	-3.42
14565	-12.73	3.96	-2.70	-262.51	-208.61	-1136.82	91.79	-427.22	-133.34
14566	-12.55	5.07	-2.70	-283.16	-246.03	-1269.55	107.07	-456.35	-90.29
14567	-12.34	6.17	-2.70	-304.36	-288.28	-1406.14	123.18	-481.65	-41.23
14568	-12.08	7.26	-2.70	-326.35	-335.94	-1546.94	139.76	-502.64	13.63
14569	-13.94	3.96	-2.70	-323.05	-238.02	-1160.10	106.39	-434.83	-106.04
14570	-13.75	5.07	-2.70	-347.05	-277.72	-1294.24	122.65	-465.90	-65.36
14571	-13.51	6.17	-2.70	-371.40	-322.16	-1432.56	139.97	-493.47	-18.85
14572	-13.23	7.26	-2.70	-396.32	-371.87	-1575.35	158.01	-517.01	33.37
14573	-15.15	3.96	-2.70	-394.06	-273.60	-1207.51	123.03	-441.47	-76.29
14574	-14.94	5.08	-2.70	-422.16	-316.26	-1344.09	140.60	-474.36	-37.46
14575	-14.69	6.18	-2.70	-450.33	-363.72	-1484.99	159.51	-504.08	7.05
14576	-14.38	7.26	-2.70	-478.81	-416.46	-1630.54	179.49	-530.06	57.10
14577	-16.36	3.96	-2.70	-483.46	-318.87	-1288.32	143.31	-450.15	-42.16
14578	-16.14	5.08	-2.70	-516.71	-365.57	-1429.20	162.79	-484.74	-4.51
14579	-15.86	6.18	-2.70	-549.47	-417.24	-1574.51	183.82	-516.49	38.70
14580	-15.53	7.26	-2.70	-582.02	-474.42	-1724.69	206.31	-544.83	87.34
14581	-17.57	3.96	-2.70	-605.58	-385.46	-1452.98	170.33	-463.00	0.47
14582	-17.33	5.08	-2.70	-645.41	-438.02	-1602.14	192.47	-500.11	38.03
14583	-17.04	6.18	-2.70	-683.85	-495.59	-1754.74	216.28	-535.09	81.32
14584	-16.68	7.26	-2.70	-720.76	-558.82	-1911.27	241.72	-567.50	130.33
14585	-18.78	3.96	-2.70	-808.26	-469.19	-1555.86	228.07	-603.30	82.55
14586	-18.53	5.08	-2.70	-856.25	-530.16	-1699.61	256.97	-652.36	130.22
14587	-18.21	6.18	-2.70	-900.42	-596.01	-1843.94	287.65	-699.07	184.86
14588	-17.83	7.26	-2.70	-940.26	-667.33	-1988.82	319.73	-743.26	246.78
14589	-0.61	3.95	-4.10	153.11	-13.89	-1200.13	16.34	-17.66	-342.96
14590	-0.60	5.05	-4.10	148.76	-36.28	-1318.08	15.10	-15.60	-286.44
14591	-0.59	6.15	-4.10	140.46	-64.84	-1435.00	13.49	-13.19	-223.26
14592	-0.58	7.25	-4.10	127.78	-99.89	-1551.77	11.57	-10.41	-154.54
14593	-1.82	3.95	-4.10	138.23	-16.14	-1187.13	20.19	-74.00	-338.76
14594	-1.79	5.05	-4.10	133.84	-38.64	-1305.11	21.17	-75.40	-282.69
14595	-1.76	6.15	-4.10	125.74	-67.27	-1422.19	21.86	-75.64	-220.03
14596	-1.73	7.25	-4.10	113.54	-102.37	-1539.16	22.22	-74.65	-151.91
14597	-3.03	3.95	-4.10	118.06	-20.67	-1169.91	24.25	-127.23	-331.18
14598	-2.99	5.06	-4.10	113.42	-43.39	-1287.95	27.31	-132.02	-276.14
14599	-2.94	6.16	-4.10	105.38	-72.11	-1405.43	30.13	-134.88	-214.59
14600	-2.88	7.25	-4.10	93.60	-107.18	-1523.08	32.55	-135.75	-147.62
14601	-4.24	3.95	-4.10	92.98	-27.42	-1149.61	28.71	-176.20	-320.46
14602	-4.18	5.06	-4.10	87.87	-50.45	-1267.78	33.64	-184.22	-266.95
14603	-4.11	6.16	-4.10	79.74	-79.28	-1385.88	38.38	-189.67	-207.05
14604	-4.03	7.25	-4.10	68.27	-114.22	-1504.62	42.67	-192.40	-141.77
14605	-5.45	3.95	-4.10	63.50	-36.31	-1127.76	33.71	-219.93	-306.92
14606	-5.38	5.06	-4.10	57.73	-59.73	-1246.13	40.28	-231.00	-255.38
14607	-5.29	6.16	-4.10	49.37	-88.67	-1365.03	46.70	-238.95	-197.61
14608	-5.18	7.25	-4.10	38.09	-123.42	-1485.15	52.65	-243.59	-134.52
14609	-6.67	3.95	-4.10	30.27	-47.24	-1106.18	39.34	-257.70	-290.96
14610	-6.58	5.06	-4.10	23.67	-71.12	-1224.83	47.30	-271.59	-241.75
14611	-6.46	6.16	-4.10	14.91	-100.20	-1344.69	55.14	-281.96	-186.49
14612	-6.33	7.26	-4.10	3.71	-134.73	-1466.37	62.51	-288.56	-126.01
14613	-7.88	3.96	-4.10	-5.99	-60.12	-1086.94	45.62	-289.05	-272.99
14614	-7.77	5.06	-4.10	-13.59	-84.52	-1205.98	54.70	-305.52	-226.38
14615	-7.64	6.16	-4.10	-22.89	-113.75	-1326.90	63.70	-318.20	-173.92
14616	-7.48	7.26	-4.10	-34.16	-148.07	-1450.25	72.25	-326.81	-116.35
14617	-9.09	3.96	-4.10	-44.59	-74.85	-1072.24	52.49	-313.82	-253.45
14618	-8.97	5.07	-4.10	-53.33	-99.82	-1191.82	62.43	-332.59	-209.60
14619	-8.81	6.17	-4.10	-63.33	-129.25	-1313.90	72.33	-347.47	-160.12
14620	-8.63	7.26	-4.10	-74.82	-163.35	-1438.95	81.80	-358.13	-105.65
14621	-10.30	3.96	-4.10	-84.89	-91.36	-1064.45	59.81	-332.09	-232.69
14622	-10.16	5.07	-4.10	-94.90	-116.95	-1184.75	70.38	-352.90	-191.67
14623	-9.99	6.17	-4.10	-105.73	-146.61	-1308.07	80.95	-369.84	-145.25
14624	-9.78	7.26	-4.10	-117.59	-180.52	-1434.80	91.11	-382.56	-93.93
14625	-11.51	3.96	-4.10	-126.33	-109.63	-1066.05	67.43	-344.25	-210.98
14626	-11.36	5.07	-4.10	-137.70	-135.88	-1187.28	78.40	-366.83	-172.78
14627	-11.16	6.17	-4.10	-149.48	-165.80	-1311.92	89.41	-385.67	-129.39
14628	-10.93	7.26	-4.10	-161.83	-199.54	-1440.31	100.03	-400.41	-81.19
14629	-12.73	3.96	-4.10	-168.40	-129.66	-1079.72	75.10	-350.93	-188.42
14630	-12.55	5.07	-4.10	-181.15	-156.60	-1202.17	86.26	-375.07	-152.92
14631	-12.34	6.17	-4.10	-193.92	-186.79	-1328.27	97.46	-395.68	-112.44
14632	-12.08	7.26	-4.10	-206.78	-220.33	-1458.28	108.30	-412.40	-67.24
14633	-13.94	3.96	-4.10	-210.30	-151.49	-1108.70	82.51	-353.26	-164.84
14634	-13.75	5.07	-4.10	-224.34	-179.07	-1232.73	93.57	-378.83	-131.79
14635	-13.51	6.17	-4.10	-237.96	-209.45	-1360.45	104.67	-401.21	-93.95
14636	-13.23	7.26	-4.10	-251.17	-242.67	-1492.07	115.38	-420.03	-51.46
14637	-15.15	3.96	-4.10	-249.98	-174.93	-1156.87	89.11	-353.60	-139.50
14638	-14.94	5.08	-4.10	-264.95	-202.97	-1282.86	99.65	-380.76	-108.39
14639	-14.69	6.18	-4.10	-278.98	-233.28	-1412.36	110.16	-405.23	-72.55
14640	-14.38	7.26	-4.10	-292.00	-265.77	-1545.46	120.19	-426.72	-32.04
14641	-16.36	3.96	-4.10	-281.56	-199.29	-1230.77	93.83	-358.64	-110.24
14642	-16.14	5.08	-4.10	-296.55	-227.24	-1358.73	103.03	-388.43	-79.88
14643	-15.86	6.18	-4.10	-310.06	-256.75	-1489.39	112.05	-416.35	-44.52
14644	-15.53	7.26	-4.10	-321.93	-287.54	-1622.62	120.43	-442.23	-4.06
14645	-17.57	3.96	-4.10	-286.82	-217.55	-1310.53	95.04	-402.90	-68.99
14646	-17.33	5.08	-4.10	-300.26	-243.90	-1436.26	101.55	-438.68	-35.63
14647	-17.04	6.18	-4.10	-312.00	-270.88	-1562.60	107.82	-473.25	3.45
14648	-16.68	7.26	-4.10	-321.96	-298.04	-1688.97	113.47	-506.47	48.65
14649	-18.78	3.96	-4.10	-267.87	-211.85	-1266.08	98.29	-538.21	-6.60
14650	-18.53	5.08	-4.10	-279.44	-235.36	-1378.23	102.90	-582.28	35.70
14651	-18.21	6.18	-4.10	-289.66	-259.18	-1489.66	107.40	-623.77	84.23
14652	-17.83	7.26	-4.10	-298.41	-283.00	-1599.76	111.71	-662.21	139.09

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]
14653	-0.61	3.95	-5.50	205.33	66.48	-1077.26	26.34	-6.27	-366.06
14654	-0.60	5.05	-5.50	205.05	53.08	-1181.84	24.76	-4.60	-318.87
14655	-0.59	6.15	-5.50	201.27	34.76	-1287.08	22.77	-2.69	-265.56
14656	-0.58	7.25	-5.50	193.66	11.51	-1393.96	20.44	-0.48	-206.86
14657	-1.82	3.95	-5.50	192.82	64.74	-1067.36	28.10	-54.21	-362.10
14658	-1.79	5.05	-5.50	192.53	51.32	-1172.08	28.37	-55.55	-315.22
14659	-1.76	6.15	-5.50	188.94	33.01	-1277.51	28.27	-56.00	-262.29
14660	-1.73	7.25	-5.50	181.78	9.72	-1384.50	27.75	-55.49	-204.11
14661	-3.03	3.95	-5.50	175.71	60.98	-1055.01	30.01	-99.51	-355.16
14662	-2.99	5.06	-5.50	175.27	47.49	-1160.03	32.01	-103.81	-309.02
14663	-2.94	6.16	-5.50	171.83	29.21	-1265.95	33.63	-106.63	-256.92
14664	-2.88	7.25	-5.50	165.13	6.04	-1373.58	34.75	-107.92	-199.58
14665	-4.24	3.95	-5.50	154.34	55.27	-1041.14	32.16	-141.28	-345.39
14666	-4.18	5.06	-5.50	153.63	41.68	-1146.62	35.70	-148.44	-300.38
14667	-4.11	6.16	-5.50	150.28	23.48	-1253.34	38.86	-153.59	-249.50
14668	-4.03	7.25	-5.50	144.03	0.62	-1362.05	41.42	-156.64	-193.40
14669	-5.45	3.95	-5.50	129.23	47.72	-1026.99	34.60	-178.77	-333.03
14670	-5.38	5.06	-5.50	128.16	34.00	-1133.09	39.46	-188.65	-289.49
14671	-5.29	6.16	-5.50	124.82	15.95	-1240.85	43.94	-196.07	-240.19
14672	-5.18	7.25	-5.50	119.01	-6.46	-1350.98	47.73	-200.89	-185.71
14673	-6.67	3.95	-5.50	101.07	38.46	-1014.05	37.31	-211.43	-318.37
14674	-6.58	5.06	-5.50	99.54	24.62	-1120.93	43.25	-223.86	-276.58
14675	-6.46	6.16	-5.50	96.19	6.78	-1229.92	48.79	-233.49	-229.17
14676	-6.33	7.26	-5.50	90.80	-15.03	-1341.68	53.58	-240.13	-176.64
14677	-7.88	3.96	-5.50	70.67	27.68	-1003.99	40.22	-238.92	-301.71
14678	-7.77	5.06	-5.50	68.64	13.75	-1111.81	46.96	-253.73	-261.88
14679	-7.64	6.16	-5.50	65.23	-3.79	-1222.18	53.29	-265.51	-216.57
14680	-7.48	7.26	-5.50	60.27	-24.87	-1335.68	58.83	-274.03	-166.24
14681	-9.09	3.96	-5.50	38.98	15.60	-998.63	43.17	-261.15	-283.34
14682	-8.97	5.07	-5.50	36.44	1.64	-1107.55	50.43	-278.15	-245.59
14683	-8.81	6.17	-5.50	32.97	-15.50	-1219.38	57.26	-292.02	-202.52
14684	-8.63	7.26	-5.50	28.45	-35.70	-1334.64	63.25	-302.52	-154.49
14685	-10.30	3.96	-5.50	7.09	2.49	-999.87	45.91	-278.32	-263.49
14686	-10.16	5.07	-5.50	4.08	-11.41	-1110.02	53.39	-297.34	-227.85
14687	-9.99	6.17	-5.50	0.59	-27.99	-1223.36	60.40	-313.27	-187.02
14688	-9.78	7.26	-5.50	-3.44	-47.13	-1340.28	66.53	-325.86	-141.28
14689	-11.51	3.96	-5.50	-23.66	-11.31	-1009.61	48.11	-291.01	-242.25
14690	-11.36	5.07	-5.50	-27.04	-24.97	-1121.09	55.48	-311.95	-208.63
14691	-11.16	6.17	-5.50	-30.43	-40.82	-1235.88	62.34	-329.95	-169.93
14692	-10.93	7.26	-5.50	-33.89	-58.64	-1354.24	68.26	-344.78	-126.30
14693	-12.73	3.96	-5.50	-51.50	-25.28	-1029.64	49.30	-300.46	-219.47
14694	-12.55	5.07	-5.50	-55.04	-38.48	-1142.46	56.19	-323.35	-187.61
14695	-12.34	6.17	-5.50	-58.15	-53.30	-1258.50	62.50	-343.58	-150.74
14696	-12.08	7.26	-5.50	-60.84	-69.50	-1377.88	67.85	-360.92	-108.85
14697	-13.94	3.96	-5.50	-73.83	-38.63	-1061.22	48.87	-309.24	-194.52
14698	-13.75	5.07	-5.50	-77.20	-51.01	-1175.15	54.82	-334.35	-163.90
14699	-13.51	6.17	-5.50	-79.75	-64.40	-1291.94	60.14	-357.25	-128.21
14700	-13.23	7.26	-5.50	-81.43	-78.53	-1411.49	64.46	-377.73	-87.35
14701	-15.15	3.96	-5.50	-86.76	-50.00	-1103.86	46.05	-322.88	-165.88
14702	-14.94	5.08	-5.50	-89.55	-61.04	-1218.06	50.57	-350.95	-135.48
14703	-14.69	6.18	-5.50	-91.26	-72.43	-1334.29	54.43	-377.40	-99.78
14704	-14.38	7.26	-5.50	-91.81	-83.89	-1452.19	57.31	-402.06	-58.58
14705	-16.36	3.96	-5.50	-85.28	-56.50	-1147.89	40.31	-354.29	-130.19
14706	-16.14	5.08	-5.50	-87.26	-65.52	-1259.82	43.03	-386.63	-98.17
14707	-15.86	6.18	-5.50	-88.25	-74.34	-1372.27	45.24	-417.81	-60.45
14708	-15.53	7.26	-5.50	-88.18	-82.66	-1484.61	46.69	-447.66	-16.70
14709	-17.57	3.96	-5.50	-74.42	-53.87	-1156.27	33.88	-421.27	-83.06
14710	-17.33	5.08	-5.50	-76.39	-60.61	-1260.83	35.50	-458.62	-47.01
14711	-17.04	6.18	-5.50	-77.83	-67.00	-1364.26	37.06	-494.40	-5.01
14712	-16.68	7.26	-5.50	-78.76	-72.89	-1465.77	38.45	-528.27	43.21
14713	-18.78	3.96	-5.50	-84.40	-41.03	-1068.74	33.65	-512.60	-25.96
14714	-18.53	5.08	-5.50	-87.82	-46.52	-1160.28	37.01	-553.22	14.65
14715	-18.21	6.18	-5.50	-90.70	-52.19	-1250.57	40.79	-590.91	60.84
14716	-17.83	7.26	-5.50	-93.15	-58.11	-1338.97	44.93	-625.17	112.70
14717	-0.61	3.95	-6.90	273.33	168.12	-973.97	37.02	2.31	-373.67
14718	-0.60	5.05	-6.90	278.61	166.16	-1066.41	35.22	3.53	-334.12
14719	-0.59	6.15	-6.90	280.77	160.20	-1160.61	32.97	4.88	-288.60
14720	-0.58	7.25	-6.90	279.56	150.37	-1257.57	30.34	6.54	-237.49
14721	-1.82	3.95	-6.90	263.29	166.83	-966.62	35.72	-38.33	-369.87
14722	-1.79	5.05	-6.90	268.54	164.94	-1059.29	35.50	-39.84	-330.49
14723	-1.76	6.15	-6.90	270.86	159.04	-1153.73	34.84	-40.71	-285.26
14724	-1.73	7.25	-6.90	270.02	149.21	-1250.74	33.71	-40.83	-234.67
14725	-3.03	3.95	-6.90	249.12	163.72	-958.12	34.57	-76.79	-363.30
14726	-2.99	5.06	-6.90	254.27	161.86	-1051.24	35.82	-81.00	-324.40
14727	-2.94	6.16	-6.90	256.74	156.10	-1146.25	36.61	-84.13	-279.72
14728	-2.88	7.25	-6.90	256.35	146.49	-1243.82	36.84	-86.18	-229.76
14729	-4.24	3.95	-6.90	231.18	158.85	-949.24	33.59	-112.43	-354.06
14730	-4.18	5.06	-6.90	236.17	157.03	-1043.03	36.15	-119.29	-315.90
14731	-4.11	6.16	-6.90	238.80	151.48	-1138.91	38.23	-124.68	-272.01
14732	-4.03	7.25	-6.90	238.91	142.28	-1237.49	39.64	-128.58	-222.80
14733	-5.45	3.95	-6.90	210.00	152.35	-940.95	32.77	-144.77	-342.29
14734	-5.38	5.06	-6.90	214.79	150.57	-1035.62	36.42	-154.20	-305.09
14735	-5.29	6.16	-6.90	217.58	145.33	-1132.64	39.58	-161.81	-262.21
14736	-5.18	7.25	-6.90	218.25	136.73	-1232.57	41.98	-167.56	-213.98
14737	-6.67	3.95	-6.90	186.30	144.39	-934.47	32.02	-173.49	-328.17
14738	-6.58	5.06	-6.90	190.87	142.70	-1030.21	36.54	-185.38	-292.09
14739	-6.46	6.16	-6.90	193.85	137.88	-1128.57	40.54	-195.21	-250.40
14740	-6.33	7.26	-6.90	195.12	130.05	-1230.05	43.69	-202.88	-203.34
14741	-7.88	3.96	-6.90	160.97	135.22	-931.12	31.20	-198.46	-311.86
14742	-7.77	5.06	-6.90	165.33	133.69	-1028.11	36.34	-212.74	-277.02
14743	-7.64	6.16	-6.90	168.52	129.41	-1127.93	40.90	-224.80	-236.62
14744	-7.48	7.26	-6.90	170.46	122.56	-1231.01	44.56	-234.49	-190.85
14745	-9.09	3.96	-6.90	135.06	125.14	-932.31	30.12	-219.85	-293.49
14746	-8.97	5.07	-6.90	139.27	123.88	-1030.66	35.58	-236.45	-259.90
14747	-8.81	6.17	-6.90	142.75	120.31	-1131.97	40.42	-250.77	-220.82
14748	-8.63	7.26	-6.90	145.42	114.64	-1236.57	44.31	-262.64	-176.35
14749	-10.30	3.96	-6.90	109.87	114.54	-939.38	28.49	-238.17	-273.11
14750	-10.16	5.07	-6.90	114.01	113.71	-1039.12	33.98	-257.04	-240.69
14751	-9.99	6.17	-6.90	117.85	111.05	-1141.82	38.81	-273.69	-202.83

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]
14752	-9.78	7.26	-6.90	121.33	106.79	-1247.65	42.65	-287.96	-159.51
14753	-11.51	3.96	-6.90	86.89	103.92	-953.38	26.00	-254.43	-250.59
14754	-11.36	5.07	-6.90	91.10	103.73	-1054.38	31.19	-275.61	-219.14
14755	-11.16	6.17	-6.90	95.39	102.20	-1158.15	35.71	-294.74	-182.25
14756	-10.93	7.26	-6.90	99.74	99.61	-1264.69	39.25	-311.65	-139.79
14757	-12.73	3.96	-6.90	67.93	93.95	-974.66	22.27	-270.50	-225.55
14758	-12.55	5.07	-6.90	72.33	94.65	-1076.52	26.86	-294.17	-194.68
14759	-12.34	6.17	-6.90	77.14	94.52	-1180.72	30.80	-316.03	-158.33
14760	-12.08	7.26	-6.90	82.35	93.79	-1287.01	33.83	-335.90	-116.27
14761	-13.94	3.96	-6.90	54.87	85.55	-1001.90	17.02	-289.63	-197.14
14762	-13.75	5.07	-6.90	59.52	87.42	-1103.75	20.76	-316.11	-166.23
14763	-13.51	6.17	-6.90	64.80	88.91	-1207.16	23.94	-341.11	-129.73
14764	-13.23	7.26	-6.90	70.68	90.23	-1311.67	26.34	-364.37	-87.39
14765	-15.15	3.96	-6.90	48.93	79.94	-1029.69	10.30	-317.16	-163.92
14766	-14.94	5.08	-6.90	53.70	83.20	-1129.83	13.15	-346.88	-132.08
14767	-14.69	6.18	-6.90	59.08	86.45	-1230.40	15.62	-375.32	-94.50
14768	-14.38	7.26	-6.90	65.04	89.80	-1330.73	17.60	-402.22	-50.95
14769	-16.36	3.96	-6.90	47.62	78.47	-1044.16	3.22	-359.24	-124.20
14770	-16.14	5.08	-6.90	51.94	83.12	-1139.89	5.61	-392.27	-90.45
14771	-15.86	6.18	-6.90	56.65	87.84	-1234.75	7.98	-423.85	-50.94
14772	-15.53	7.26	-6.90	61.73	92.65	-1328.01	10.29	-453.63	-5.49
14773	-17.57	3.96	-6.90	41.11	81.60	-1022.24	-1.39	-415.26	-77.78
14774	-17.33	5.08	-6.90	44.23	87.14	-1110.49	1.68	-450.71	-41.75
14775	-17.04	6.18	-6.90	47.62	92.48	-1197.07	5.15	-483.99	-0.27
14776	-16.68	7.26	-6.90	51.25	97.53	-1281.33	9.01	-514.67	46.70
14777	-18.78	3.96	-6.90	18.12	88.24	-943.49	-0.31	-468.73	-28.35
14778	-18.53	5.08	-6.90	19.77	93.82	-1022.02	4.90	-504.93	8.84
14779	-18.21	6.18	-6.90	22.07	98.66	-1099.28	10.75	-538.16	50.91
14780	-17.83	7.26	-6.90	24.96	102.61	-1174.84	17.16	-567.99	97.71
14781	-0.61	3.95	-8.30	356.91	289.53	-887.62	48.29	8.06	-361.66
14782	-0.60	5.05	-8.30	369.07	301.10	-968.66	46.37	8.81	-328.70
14783	-0.59	6.15	-8.30	378.35	309.00	-1051.95	43.98	9.59	-289.78
14784	-0.58	7.25	-8.30	384.52	313.37	-1138.57	41.14	10.64	-244.87
14785	-1.82	3.95	-8.30	349.26	288.61	-882.29	43.09	-26.01	-358.02
14786	-1.79	5.05	-8.30	361.34	300.29	-963.62	42.63	-27.78	-325.10
14787	-1.76	6.15	-8.30	370.69	308.31	-1047.23	41.70	-29.14	-286.33
14788	-1.73	7.25	-8.30	377.09	312.79	-1134.11	40.26	-29.98	-241.96
14789	-3.03	3.95	-8.30	337.71	285.92	-876.66	38.12	-58.32	-351.74
14790	-2.99	5.06	-8.30	349.65	297.68	-958.51	39.01	-62.62	-319.05
14791	-2.94	6.16	-8.30	359.07	305.87	-1042.73	39.43	-66.21	-280.57
14792	-2.88	7.25	-8.30	365.79	310.65	-1130.18	39.31	-69.09	-236.61
14793	-4.24	3.95	-8.30	322.62	281.53	-871.31	33.36	-88.53	-342.88
14794	-4.18	5.06	-8.30	334.37	293.34	-953.93	35.46	-95.33	-310.55
14795	-4.11	6.16	-8.30	343.88	301.76	-1038.99	37.11	-101.16	-272.45
14796	-4.03	7.25	-8.30	351.01	306.94	-1127.29	38.17	-106.03	-228.81
14797	-5.45	3.95	-8.30	304.51	275.56	-867.04	28.77	-116.37	-331.50
14798	-5.38	5.06	-8.30	316.03	287.43	-950.61	31.92	-125.66	-299.63
14799	-5.29	6.16	-8.30	325.65	296.12	-1036.74	34.61	-133.74	-262.00
14800	-5.18	7.25	-8.30	333.26	301.81	-1126.10	36.65	-140.60	-218.73
14801	-6.67	3.95	-8.30	284.04	268.19	-864.74	24.28	-141.77	-317.65
14802	-6.58	5.06	-8.30	295.34	280.13	-949.46	28.27	-153.53	-286.30
14803	-6.46	6.16	-8.30	305.11	289.19	-1036.82	31.78	-163.91	-249.19
14804	-6.33	7.26	-8.30	313.24	295.51	-1127.36	34.60	-172.85	-206.37
14805	-7.88	3.96	-8.30	262.07	259.67	-865.42	19.73	-164.87	-301.38
14806	-7.77	5.06	-8.30	273.16	271.73	-951.42	24.34	-179.09	-270.54
14807	-7.64	6.16	-8.30	283.11	281.24	-1040.08	28.46	-191.83	-233.98
14808	-7.48	7.26	-8.30	291.81	288.36	-1131.78	31.84	-202.98	-191.61
14809	-9.09	3.96	-8.30	239.57	250.30	-870.03	14.95	-186.07	-282.67
14810	-8.97	5.07	-8.30	250.50	262.56	-957.37	19.94	-202.76	-252.28
14811	-8.81	6.17	-8.30	260.66	272.66	-1047.28	24.43	-217.94	-216.18
14812	-8.63	7.26	-8.30	269.98	280.72	-1139.95	28.16	-231.47	-174.23
14813	-10.30	3.96	-8.30	217.66	240.48	-879.31	9.74	-206.10	-261.45
14814	-10.16	5.07	-8.30	228.47	253.05	-967.90	14.86	-225.27	-231.35
14815	-9.99	6.17	-8.30	238.88	263.87	-1058.82	19.50	-242.99	-195.56
14816	-9.78	7.26	-8.30	248.81	273.03	-1152.05	23.42	-259.07	-153.85
14817	-11.51	3.96	-8.30	197.52	230.70	-893.46	3.91	-226.16	-237.52
14818	-11.36	5.07	-8.30	208.24	243.70	-982.98	8.94	-247.87	-207.47
14819	-11.16	6.17	-8.30	218.88	255.36	-1074.41	13.56	-268.22	-171.73
14820	-10.93	7.26	-8.30	229.33	265.72	-1167.48	17.54	-286.98	-130.01
14821	-12.73	3.96	-8.30	180.21	221.52	-911.62	-2.62	-248.04	-210.50
14822	-12.55	5.07	-8.30	190.79	235.07	-1001.39	2.16	-272.36	-180.16
14823	-12.34	6.17	-8.30	201.53	247.64	-1092.46	6.64	-295.41	-144.14
14824	-12.08	7.26	-8.30	212.31	259.19	-1184.27	10.67	-316.91	-102.14
14825	-13.94	3.96	-8.30	166.22	213.60	-930.89	-9.69	-274.15	-179.83
14826	-13.75	5.07	-8.30	176.48	227.76	-1019.81	-5.20	-301.11	-148.80
14827	-13.51	6.17	-8.30	187.01	241.20	-1109.16	-0.80	-326.84	-112.11
14828	-13.23	7.26	-8.30	197.72	253.80	-1198.22	3.38	-351.00	-69.55
14829	-15.15	3.96	-8.30	154.54	207.52	-945.08	-16.64	-306.90	-144.90
14830	-14.94	5.08	-8.30	164.11	222.21	-1031.52	-12.23	-336.33	-112.80
14831	-14.69	6.18	-8.30	173.94	236.29	-1117.43	-7.64	-364.40	-75.16
14832	-14.38	7.26	-8.30	183.99	249.58	-1202.01	-2.93	-390.71	-31.86
14833	-16.36	3.96	-8.30	141.65	203.55	-944.16	-22.13	-346.59	-105.58
14834	-16.14	5.08	-8.30	150.05	218.47	-1026.27	-17.30	-377.93	-72.31
14835	-15.86	6.18	-8.30	158.73	232.70	-1107.04	-11.96	-407.48	-33.79
14836	-15.53	7.26	-8.30	167.67	246.01	-1185.72	-6.19	-434.82	10.01
14837	-17.57	3.96	-8.30	122.29	201.38	-916.68	-24.40	-388.40	-62.98
14838	-17.33	5.08	-8.30	129.24	216.04	-992.84	-18.44	-420.64	-29.03
14839	-17.04	6.18	-8.30	136.67	229.76	-1067.39	-11.73	-450.50	9.71
14840	-16.68	7.26	-8.30	144.55	242.28	-1139.71	-4.35	-477.57	53.12
14841	-18.78	3.96	-8.30	92.88	200.28	-855.36	-22.19	-421.35	-19.81
14842	-18.53	5.08	-8.30	98.45	214.16	-924.59	-14.49	-453.38	13.65
14843	-18.21	6.18	-8.30	104.95	226.77	-992.67	-5.94	-482.62	51.31
14844	-17.83	7.26	-8.30	112.36	237.87	-1059.19	3.31	-508.70	92.98
14845	-19.82	3.96	-2.70	-956.40	-460.06	-833.62	349.19	-766.52	141.36
14846	-19.56	5.08	-2.70	-1001.22	-526.92	-904.88	387.35	-820.18	199.60
14847	-19.24	6.18	-2.70	-1039.32	-598.96	-975.72	427.00	-869.18	264.46
14848	-18.86	7.26	-2.70	-1070.19	-676.29	-1045.82	467.28	-912.66	335.93
14849	-20.67	3.96	-2.70	-278.46	-225.23	-37.62	226.94	-166.37	25.09
14850	-20.42	5.08	-2.70	-282.67	-256.14	-40.56	231.75	-177.34	36.17

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]
14851	-20.12	6.18	-2.70	-286.22	-287.75	-43.79	236.14	-187.98	48.60
14852	-19.75	7.26	-2.70	-288.91	-319.85	-47.60	240.10	-197.76	62.44
14853	-21.53	3.96	-2.70	-39.21	-159.54	-32.90	152.14	-51.61	19.18
14854	-21.29	5.08	-2.70	-32.27	-177.09	-35.42	145.55	-54.22	22.20
14855	-20.99	6.18	-2.70	-26.08	-194.13	-37.88	137.97	-56.72	25.46
14856	-20.64	7.26	-2.70	-20.82	-210.56	-40.75	129.57	-59.19	28.89
14857	-22.38	3.96	-2.70	27.63	-113.29	-12.04	95.36	-2.18	19.55
14858	-22.15	5.07	-2.70	35.03	-122.68	-12.87	88.03	-1.50	19.45
14859	-21.87	6.18	-2.70	41.73	-131.56	-13.70	79.81	-0.90	19.17
14860	-21.53	7.26	-2.70	47.64	-140.11	-14.77	70.89	-0.22	18.57
14861	-23.24	3.96	-2.70	16.15	-78.62	3.53	33.06	17.17	36.38
14862	-23.02	5.07	-2.70	18.77	-81.45	3.74	28.72	19.41	35.21
14863	-22.75	6.17	-2.70	21.05	-84.04	3.91	24.02	21.56	33.81
14864	-22.42	7.26	-2.70	22.98	-86.41	3.89	18.89	23.50	32.06
14865	-19.82	3.96	-4.10	-320.43	-169.33	-870.04	117.60	-663.63	66.00
14866	-19.56	5.08	-4.10	-335.03	-190.63	-943.36	129.03	-711.43	115.08
14867	-19.24	6.18	-4.10	-347.80	-213.74	-1016.77	141.07	-755.22	170.28
14868	-18.86	7.26	-4.10	-358.48	-238.82	-1089.91	153.63	-794.47	231.07
14869	-20.67	3.96	-4.10	-360.95	-118.34	-363.05	140.82	-469.46	74.16
14870	-20.42	5.08	-4.10	-376.38	-137.39	-391.78	158.35	-501.10	105.90
14871	-20.12	6.18	-4.10	-389.14	-159.24	-421.20	176.93	-530.52	141.61
14872	-19.75	7.26	-4.10	-399.05	-184.05	-451.21	196.17	-557.35	180.78
14873	-21.53	3.96	-4.10	-181.61	-57.63	-125.25	104.40	-198.98	56.24
14874	-21.29	5.08	-4.10	-186.84	-67.41	-134.03	112.94	-210.68	67.77
14875	-20.99	6.18	-4.10	-190.95	-78.67	-143.33	121.97	-221.74	80.77
14876	-20.64	7.26	-4.10	-193.77	-91.33	-153.32	131.38	-232.09	95.12
14877	-22.38	3.96	-4.10	-65.36	-23.16	-71.19	63.25	-65.27	62.23
14878	-22.15	5.07	-4.10	-65.46	-26.55	-75.76	66.29	-67.36	65.01
14879	-21.87	6.18	-4.10	-65.18	-30.62	-80.62	69.47	-69.30	68.10
14880	-21.53	7.26	-4.10	-64.41	-35.24	-85.92	72.76	-70.89	71.35
14881	-23.24	3.96	-4.10	-11.20	8.60	-5.77	22.30	5.28	90.12
14882	-23.02	5.07	-4.10	-10.32	10.32	-5.90	23.88	8.38	88.88
14883	-22.75	6.17	-4.10	-9.26	11.63	-6.24	25.62	11.46	87.48
14884	-22.42	7.26	-4.10	-7.99	12.67	-6.95	27.54	14.42	85.80
14885	-19.82	3.96	-5.50	-141.42	-19.33	-825.48	46.89	-560.10	32.27
14886	-19.56	5.08	-5.50	-147.58	-24.86	-893.72	55.80	-600.19	73.44
14887	-19.24	6.18	-5.50	-152.27	-31.56	-961.70	65.47	-636.90	119.46
14888	-18.86	7.26	-5.50	-155.43	-39.57	-1029.07	75.76	-669.68	170.43
14889	-20.67	3.96	-5.50	-182.15	9.07	-508.63	60.28	-474.23	67.75
14890	-20.42	5.08	-5.50	-189.90	4.39	-548.48	73.44	-505.85	99.73
14891	-20.12	6.18	-5.50	-195.59	-2.07	-588.58	87.58	-535.13	135.32
14892	-19.75	7.26	-5.50	-199.04	-10.52	-628.84	102.54	-561.75	174.71
14893	-21.53	3.96	-5.50	-155.49	34.93	-283.62	57.72	-299.34	80.82
14894	-21.29	5.08	-5.50	-161.57	32.84	-304.26	69.94	-317.18	98.85
14895	-20.99	6.18	-5.50	-165.84	29.12	-325.17	83.10	-333.81	118.89
14896	-20.64	7.26	-5.50	-168.15	23.64	-346.44	97.01	-349.18	141.29
14897	-22.38	3.96	-5.50	-75.82	59.76	-165.22	38.59	-139.67	94.05
14898	-22.15	5.07	-5.50	-77.81	61.51	-176.15	46.64	-145.60	100.99
14899	-21.87	6.18	-5.50	-78.72	62.23	-187.16	55.36	-151.03	108.69
14900	-21.53	7.26	-5.50	-78.38	61.94	-198.45	64.60	-155.82	117.35
14901	-23.24	3.96	-5.50	-16.81	82.95	-62.02	20.06	-27.07	120.62
14902	-23.02	5.07	-5.50	-16.11	87.79	-65.60	25.64	-25.07	120.85
14903	-22.75	6.17	-5.50	-14.76	91.94	-69.07	31.73	-22.90	121.13
14904	-22.42	7.26	-5.50	-12.69	95.52	-72.67	38.23	-20.74	121.62
14905	-19.82	3.96	-6.90	-27.27	98.29	-782.36	8.00	-490.17	22.96
14906	-19.56	5.08	-6.90	-27.69	103.31	-845.60	16.77	-524.97	58.72
14907	-19.24	6.18	-6.90	-26.77	106.96	-908.39	26.38	-556.81	98.76
14908	-18.86	7.26	-6.90	-24.54	109.07	-970.48	36.66	-585.30	142.90
14909	-20.67	3.96	-6.90	-72.30	109.48	-573.29	19.68	-436.78	64.75
14910	-20.42	5.08	-6.90	-74.73	113.96	-617.41	31.60	-465.47	93.88
14911	-20.12	6.18	-6.90	-75.34	116.60	-661.45	44.57	-491.98	126.39
14912	-19.75	7.26	-6.90	-74.09	117.24	-705.37	58.39	-516.05	162.20
14913	-21.53	3.96	-6.90	-79.12	120.23	-396.53	25.07	-319.75	91.88
14914	-21.29	5.08	-6.90	-81.54	125.10	-425.27	37.16	-338.44	110.98
14915	-20.99	6.18	-6.90	-82.13	128.18	-454.06	50.32	-355.75	132.35
14916	-20.64	7.26	-6.90	-80.87	129.33	-483.03	64.38	-371.71	156.06
14917	-22.38	3.96	-6.90	-50.11	130.61	-273.32	23.08	-185.56	113.79
14918	-22.15	5.07	-6.90	-50.79	136.67	-291.46	33.09	-193.67	123.06
14919	-21.87	6.18	-6.90	-49.98	141.25	-309.42	44.11	-200.94	133.59
14920	-21.53	7.26	-6.90	-47.69	144.36	-327.67	55.94	-207.45	145.35
14921	-23.24	3.96	-6.90	-11.96	142.19	-164.55	20.42	-52.60	136.43
14922	-23.02	5.07	-6.90	-10.56	149.39	-174.02	28.42	-51.59	137.38
14923	-22.75	6.17	-6.90	-8.13	155.52	-182.77	37.27	-50.13	138.96
14924	-22.42	7.26	-6.90	-4.69	160.58	-191.80	46.80	-48.63	141.03
14925	-19.82	3.96	-8.30	49.43	199.32	-746.27	-14.53	-429.60	25.50
14926	-19.56	5.08	-8.30	53.11	211.88	-805.14	-4.46	-459.88	56.65
14927	-19.24	6.18	-8.30	58.24	222.80	-863.48	6.54	-487.57	91.45
14928	-18.86	7.26	-8.30	64.82	231.89	-921.05	18.28	-512.38	129.76
14929	-20.67	3.96	-8.30	4.67	197.63	-604.89	-2.84	-390.05	66.89
14930	-20.42	5.08	-8.30	6.37	208.62	-650.60	9.29	-415.39	92.61
14931	-20.12	6.18	-8.30	9.85	217.69	-696.10	22.49	-438.79	121.27
14932	-19.75	7.26	-8.30	15.09	224.67	-741.27	36.55	-460.07	152.84
14933	-21.53	3.96	-8.30	-20.11	195.27	-474.14	7.77	-304.85	98.37
14934	-21.29	5.08	-8.30	-19.12	205.12	-508.29	20.24	-322.34	116.33
14935	-20.99	6.18	-8.30	-16.25	213.04	-542.37	33.91	-338.51	136.41
14936	-20.64	7.26	-8.30	-11.65	218.95	-576.44	48.54	-353.43	158.71
14937	-22.38	3.96	-8.30	-21.05	192.53	-371.20	15.73	-194.50	123.38
14938	-22.15	5.07	-8.30	-19.29	201.82	-396.02	26.96	-202.63	132.87
14939	-21.87	6.18	-8.30	-15.77	209.43	-420.64	39.50	-209.81	143.78
14940	-21.53	7.26	-8.30	-10.85	215.33	-445.54	53.01	-216.35	156.04
14941	-23.24	3.96	-8.30	-6.59	188.60	-294.51	23.47	-64.68	143.76
14942	-23.02	5.07	-8.30	-3.83	198.02	-310.26	33.16	-63.12	144.50
14943	-22.75	6.17	-8.30	0.24	206.29	-324.84	44.02	-60.84	146.23
14944	-22.42	7.26	-8.30	5.32	212.85	-340.11	55.71	-58.77	148.65
14945	0.56	8.10	-2.70	76.61	-218.51	-1844.27	-13.08	57.91	-18.20
14946	1.69	8.10	-2.70	78.68	-220.91	-1846.97	-29.37	136.40	-17.92
14947	2.82	8.10	-2.70	74.26	-226.05	-1843.19	-46.30	213.51	-16.61
14948	3.95	8.10	-2.70	63.98	-233.69	-1833.94	-63.98	287.77	-14.43
14949	5.08	8.10	-2.70	48.79	-243.68	-1820.60	-82.53	358.05	-11.55



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]
14950	6.21	8.10	-2.70	29.78	-255.83	-1804.85	-102.00	423.69	-8.11
14951	7.34	8.10	-2.70	8.13	-270.01	-1788.50	-122.47	484.61	-4.24
14952	8.47	8.10	-2.70	-15.06	-286.14	-1773.22	-143.95	541.40	-0.05
14953	9.60	8.10	-2.70	-38.99	-304.27	-1760.22	-166.45	595.49	4.47
14954	10.73	8.10	-2.70	-63.41	-324.69	-1749.85	-189.78	649.00	9.52
14955	11.85	8.10	-2.70	-89.12	-347.79	-1741.05	-213.29	704.60	15.62
14956	12.98	8.10	-2.70	-118.37	-374.87	-1731.54	-235.86	765.02	24.31
14957	14.11	8.10	-2.70	-153.42	-407.83	-1719.28	-254.15	832.09	40.02
14958	15.24	8.10	-2.70	-194.19	-449.05	-1704.97	-262.17	908.95	74.27
14959	16.37	8.10	-2.70	-233.50	-489.81	-1688.82	-251.41	1007.45	156.95
14960	17.50	8.10	-2.70	-281.51	-504.19	-1560.27	-251.27	1179.06	257.95
14961	0.56	8.70	-2.70	62.70	-249.64	-1913.35	-15.50	60.13	30.09
14962	1.67	8.70	-2.70	64.31	-251.97	-1916.34	-33.34	138.80	29.84
14963	2.78	8.70	-2.70	59.35	-256.99	-1913.32	-51.74	216.04	30.32
14964	3.89	8.70	-2.70	48.46	-264.45	-1905.25	-70.88	290.51	31.32
14965	5.00	8.70	-2.70	32.47	-274.22	-1893.47	-90.86	361.13	32.71
14966	6.11	8.70	-2.70	12.40	-286.18	-1879.61	-111.80	427.24	34.38
14967	7.22	8.70	-2.70	-10.72	-300.23	-1865.45	-133.84	488.70	36.22
14968	8.34	8.70	-2.70	-35.91	-316.34	-1852.67	-157.13	546.04	38.13
14969	9.45	8.70	-2.70	-62.51	-334.62	-1842.62	-181.88	600.51	40.04
14970	10.56	8.70	-2.70	-90.48	-355.55	-1835.99	-208.40	654.07	42.04
14971	11.67	8.70	-2.70	-120.47	-379.90	-1832.43	-236.79	708.99	44.17
14972	12.78	8.70	-2.70	-154.03	-408.77	-1830.48	-266.93	768.08	46.79
14973	13.89	8.70	-2.70	-193.87	-447.02	-1829.42	-299.31	834.19	51.78
14974	15.00	8.70	-2.70	-236.74	-497.40	-1830.83	-332.63	912.46	64.33
14975	16.11	8.70	-2.70	-273.34	-570.25	-1831.10	-372.10	1026.15	104.79
14976	17.23	8.70	-2.70	-289.08	-571.72	-1744.18	-452.75	1215.32	190.11
14977	0.56	8.10	-4.10	122.94	-131.33	-1651.23	-2.84	58.49	-99.29
14978	1.69	8.10	-4.10	125.03	-133.53	-1655.53	-16.08	125.44	-99.56
14979	2.82	8.10	-4.10	121.66	-138.00	-1655.80	-29.72	191.66	-98.97
14980	3.95	8.10	-4.10	113.36	-144.53	-1652.78	-43.77	255.91	-97.60
14981	5.08	8.10	-4.10	100.90	-152.93	-1647.43	-58.27	317.30	-95.62
14982	6.21	8.10	-4.10	85.15	-163.01	-1640.87	-73.14	375.20	-93.20
14983	7.34	8.10	-4.10	67.06	-174.54	-1634.22	-88.31	429.37	-90.48
14984	8.47	8.10	-4.10	47.50	-187.28	-1628.49	-103.59	480.00	-87.59
14985	9.60	8.10	-4.10	27.20	-200.95	-1624.32	-118.69	527.67	-84.54
14986	10.73	8.10	-4.10	6.61	-215.25	-1621.77	-133.06	573.23	-81.13
14987	11.85	8.10	-4.10	-14.01	-229.71	-1620.25	-145.74	617.64	-76.80
14988	12.98	8.10	-4.10	-34.26	-243.70	-1618.75	-155.16	662.16	-69.97
14989	14.11	8.10	-4.10	-52.25	-255.63	-1615.65	-158.50	709.29	-56.33
14990	15.24	8.10	-4.10	-64.51	-260.54	-1605.33	-152.96	765.01	-25.95
14991	16.37	8.10	-4.10	-66.13	-251.68	-1563.40	-144.85	842.80	34.21
14992	17.50	8.10	-4.10	-60.31	-221.84	-1425.41	-155.12	948.57	122.96
14993	0.56	8.70	-4.10	111.39	-155.83	-1716.46	-5.25	60.16	-58.15
14994	1.67	8.70	-4.10	113.15	-157.97	-1721.02	-19.76	127.20	-59.06
14995	2.78	8.70	-4.10	109.35	-162.25	-1721.94	-34.57	193.47	-59.23
14996	3.89	8.70	-4.10	100.59	-168.48	-1719.95	-49.80	257.80	-58.94
14997	5.00	8.70	-4.10	87.56	-176.51	-1715.97	-65.45	319.30	-58.33
14998	6.11	8.70	-4.10	71.09	-186.17	-1711.08	-81.50	377.35	-57.56
14999	7.22	8.70	-4.10	52.06	-197.23	-1706.43	-97.91	431.69	-56.79
15000	8.34	8.70	-4.10	31.29	-209.49	-1703.05	-114.55	482.42	-56.14
15001	9.45	8.70	-4.10	9.50	-222.66	-1701.70	-131.24	530.05	-55.71
15002	10.56	8.70	-4.10	-12.82	-236.46	-1702.73	-147.67	575.42	-55.31
15003	11.67	8.70	-4.10	-35.13	-250.52	-1705.90	-163.15	619.24	-54.66
15004	12.78	8.70	-4.10	-56.49	-264.13	-1710.45	-176.41	663.06	-52.90
15005	13.89	8.70	-4.10	-74.67	-276.40	-1715.30	-185.59	710.37	-46.86
15006	15.00	8.70	-4.10	-83.88	-282.25	-1713.54	-186.90	770.10	-26.73
15007	16.11	8.70	-4.10	-82.75	-268.66	-1671.69	-183.28	857.49	25.04
15008	17.23	8.70	-4.10	-84.49	-236.73	-1512.66	-192.88	971.48	118.03
15009	0.56	8.10	-5.50	191.82	-9.76	-1485.92	9.50	58.37	-159.25
15010	1.69	8.10	-5.50	193.50	-11.79	-1491.23	0.27	115.80	-159.65
15011	2.82	8.10	-5.50	190.54	-15.61	-1494.44	-9.07	173.11	-159.14
15012	3.95	8.10	-5.50	183.47	-20.97	-1496.13	-18.48	229.27	-157.65
15013	5.08	8.10	-5.50	172.94	-27.67	-1496.96	-27.85	283.55	-155.32
15014	6.21	8.10	-5.50	159.74	-35.45	-1497.67	-37.01	335.44	-152.21
15015	7.34	8.10	-5.50	144.74	-43.94	-1498.96	-45.70	384.71	-148.37
15016	8.47	8.10	-5.50	128.83	-52.71	-1501.40	-53.55	431.43	-143.73
15017	9.60	8.10	-5.50	112.89	-61.17	-1505.20	-60.05	475.97	-138.02
15018	10.73	8.10	-5.50	97.80	-68.53	-1510.08	-64.48	518.99	-130.59
15019	11.85	8.10	-5.50	84.54	-73.80	-1514.99	-65.92	561.54	-120.29
15020	12.98	8.10	-5.50	74.32	-75.48	-1517.62	-63.11	605.82	-104.76
15021	14.11	8.10	-5.50	68.25	-71.18	-1512.57	-55.16	655.60	-79.33
15022	15.24	8.10	-5.50	65.92	-58.16	-1487.03	-43.79	715.71	-37.82
15023	16.37	8.10	-5.50	62.13	-34.96	-1416.04	-36.01	787.69	22.25
15024	17.50	8.10	-5.50	44.90	-2.69	-1274.51	-41.76	856.49	89.30
15025	0.56	8.70	-5.50	183.77	-25.98	-1547.51	7.10	59.61	-123.08
15026	1.67	8.70	-5.50	185.21	-27.92	-1553.09	-3.08	117.15	-124.23
15027	2.78	8.70	-5.50	181.99	-31.44	-1556.90	-13.30	174.56	-124.35
15028	3.89	8.70	-5.50	174.67	-36.34	-1559.51	-23.59	230.82	-123.76
15029	5.00	8.70	-5.50	163.90	-42.46	-1561.56	-33.82	285.21	-122.55
15030	6.11	8.70	-5.50	150.43	-49.51	-1563.79	-43.81	337.25	-120.79
15031	7.22	8.70	-5.50	135.10	-57.14	-1566.89	-53.34	386.70	-118.51
15032	8.34	8.70	-5.50	118.82	-64.90	-1571.44	-62.05	433.60	-115.64
15033	9.45	8.70	-5.50	102.53	-72.20	-1577.71	-69.48	478.36	-111.93
15034	10.56	8.70	-5.50	87.21	-78.20	-1585.47	-74.96	521.79	-106.60
15035	11.67	8.70	-5.50	74.12	-81.91	-1593.69	-77.66	564.84	-98.50
15036	12.78	8.70	-5.50	64.67	-82.00	-1599.85	-76.36	610.07	-85.68
15037	13.89	8.70	-5.50	60.38	-76.10	-1597.84	-69.95	662.64	-63.23
15038	15.00	8.70	-5.50	60.24	-61.07	-1571.98	-59.47	728.24	-23.18
15039	16.11	8.70	-5.50	56.47	-37.21	-1494.02	-52.24	805.93	37.75
15040	17.23	8.70	-5.50	37.68	-6.50	-1339.81	-59.48	877.22	109.58
15041	0.56	8.10	-6.90	281.47	139.99	-1341.41	23.37	57.03	-194.93
15042	1.69	8.10	-6.90	282.22	137.87	-1347.07	18.63	106.59	-195.03
15043	2.82	8.10	-6.90	278.86	134.29	-1352.03	14.03	156.64	-194.00
15044	3.95	8.10	-6.90	271.92	129.49	-1356.76	9.59	206.29	-191.59
15045	5.08	8.10	-6.90	261.97	123.65	-1361.69	5.52	255.00	-187.82
15046	6.21	8.10	-6.90	249.68	117.07	-1367.25	2.06	302.43	-182.64
15047	7.34	8.10	-6.90	235.85	110.14	-1373.78	-0.46	348.46	-175.92
15048	8.47	8.10	-6.90	221.30	103.33	-1381.40	-1.68	393.19	-167.39

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]
15049	9.60	8.10	-6.90	206.86	97.26	-1389.79	-1.12	437.04	-156.52
15050	10.73	8.10	-6.90	193.30	92.68	-1397.92	1.66	480.65	-142.43
15051	11.85	8.10	-6.90	181.26	90.32	-1403.67	7.06	525.06	-123.84
15052	12.98	8.10	-6.90	170.90	91.10	-1402.99	15.21	572.06	-98.83
15053	14.11	8.10	-6.90	161.19	95.77	-1388.60	25.10	623.43	-64.73
15054	15.24	8.10	-6.90	149.09	104.21	-1349.20	33.77	678.61	-20.26
15055	16.37	8.10	-6.90	129.82	114.87	-1272.49	36.85	732.09	31.52
15056	17.50	8.10	-6.90	100.59	125.17	-1151.59	31.75	772.86	82.90
15057	0.56	8.70	-6.90	277.67	132.31	-1398.60	20.88	58.01	-161.73
15058	1.67	8.70	-6.90	278.17	130.27	-1404.58	15.49	107.76	-162.64
15059	2.78	8.70	-6.90	274.69	127.08	-1410.05	10.17	158.08	-162.09
15060	3.89	8.70	-6.90	267.72	122.82	-1415.56	5.04	207.99	-160.31
15061	5.00	8.70	-6.90	257.79	117.68	-1421.51	0.31	256.99	-157.32
15062	6.11	8.70	-6.90	245.59	111.96	-1428.31	-3.78	304.76	-153.06
15063	7.22	8.70	-6.90	231.88	106.04	-1436.26	-6.92	351.20	-147.38
15064	8.34	8.70	-6.90	217.52	100.42	-1445.44	-8.75	396.46	-139.98
15065	9.45	8.70	-6.90	203.37	95.67	-1455.48	-8.84	440.99	-130.34
15066	10.56	8.70	-6.90	190.27	92.59	-1465.26	-6.74	485.67	-117.37
15067	11.67	8.70	-6.90	178.98	91.75	-1472.40	-2.17	531.35	-99.79
15068	12.78	8.70	-6.90	169.55	93.89	-1472.47	5.07	580.07	-76.01
15069	13.89	8.70	-6.90	160.91	99.79	-1457.37	14.03	634.37	-42.95
15070	15.00	8.70	-6.90	149.06	108.76	-1414.75	21.55	692.80	1.22
15071	16.11	8.70	-6.90	129.06	118.98	-1332.39	22.87	748.00	52.54
15072	17.23	8.70	-6.90	99.25	127.65	-1205.42	15.34	788.76	102.64
15073	0.56	8.10	-8.30	390.59	313.54	-1212.93	38.35	53.76	-206.19
15074	1.69	8.10	-8.30	389.90	310.87	-1218.08	38.22	96.51	-205.81
15075	2.82	8.10	-8.30	385.29	306.83	-1223.63	38.32	140.24	-204.01
15076	3.95	8.10	-8.30	377.20	301.54	-1229.76	38.69	184.18	-200.34
15077	5.08	8.10	-8.30	366.08	295.11	-1236.67	39.55	227.99	-194.75
15078	6.21	8.10	-8.30	352.49	287.78	-1244.53	41.12	271.50	-187.09
15079	7.34	8.10	-8.30	337.05	279.88	-1253.40	43.67	314.70	-177.13
15080	8.47	8.10	-8.30	320.43	271.78	-1263.02	47.45	357.71	-164.54
15081	9.60	8.10	-8.30	303.22	263.92	-1272.62	52.72	400.82	-148.77
15082	10.73	8.10	-8.30	285.80	256.76	-1280.64	59.59	444.38	-129.10
15083	11.85	8.10	-8.30	268.29	250.53	-1284.42	67.89	488.77	-104.80
15084	12.98	8.10	-8.30	250.05	245.49	-1279.74	77.15	534.44	-75.07
15085	14.11	8.10	-8.30	229.58	241.44	-1260.78	85.90	580.81	-39.29
15086	15.24	8.10	-8.30	204.80	237.57	-1221.04	92.14	624.89	1.55
15087	16.37	8.10	-8.30	174.04	232.78	-1155.43	94.14	661.59	44.42
15088	17.50	8.10	-8.30	136.99	225.93	-1062.82	91.49	684.19	85.14
15089	0.56	8.70	-8.30	391.32	313.63	-1264.43	35.61	54.50	-175.12
15090	1.67	8.70	-8.30	390.36	310.99	-1269.87	35.03	97.61	-175.51
15091	2.78	8.70	-8.30	385.73	307.38	-1275.80	34.44	141.85	-174.01
15092	3.89	8.70	-8.30	377.75	302.58	-1282.51	34.12	186.26	-170.72
15093	5.00	8.70	-8.30	366.84	296.78	-1290.16	34.32	230.58	-165.58
15094	6.11	8.70	-8.30	353.52	290.22	-1298.87	35.25	274.66	-158.45
15095	7.22	8.70	-8.30	338.43	283.21	-1308.65	37.15	318.53	-149.09
15096	8.34	8.70	-8.30	322.22	276.10	-1319.15	40.27	362.33	-137.13
15097	9.45	8.70	-8.30	305.48	269.27	-1329.50	44.83	406.40	-122.08
15098	10.56	8.70	-8.30	288.63	263.23	-1337.98	50.93	451.27	-103.04
15099	11.67	8.70	-8.30	271.78	257.92	-1341.72	58.25	497.02	-79.33
15100	12.78	8.70	-8.30	254.10	253.55	-1336.29	66.46	544.18	-50.57
15101	13.89	8.70	-8.30	234.09	249.93	-1315.59	74.03	592.57	-15.83
15102	15.00	8.70	-8.30	209.18	245.86	-1273.11	78.78	638.22	23.95
15103	16.11	8.70	-8.30	178.23	240.50	-1204.21	79.03	675.54	64.97
15104	17.23	8.70	-8.30	141.51	232.66	-1108.46	74.42	698.41	103.24
15105	18.52	8.10	-2.70	-235.87	-374.42	-1032.42	-215.96	1332.76	160.18
15106	19.42	8.10	-2.70	-21.75	-73.36	-491.67	-39.05	1121.68	-53.09
15107	20.33	8.10	-2.70	167.87	109.98	-277.07	56.84	1012.14	2.31
15108	21.23	8.10	-2.70	295.26	350.56	-58.07	131.31	995.68	86.45
15109	22.14	8.10	-2.70	420.67	525.37	200.84	150.45	1245.06	263.59
15110	18.24	8.70	-2.70	-247.35	-467.34	-1280.40	-607.96	1401.54	246.67
15111	19.16	8.70	-2.70	-52.73	-159.39	-682.07	-539.75	1227.50	116.94
15112	20.07	8.70	-2.70	157.80	66.51	-311.95	-426.73	1101.33	61.04
15113	20.99	8.70	-2.70	365.26	295.70	44.61	-344.83	1068.25	76.35
15114	21.91	8.70	-2.70	752.94	693.36	520.90	-310.95	1352.81	-125.78
15115	18.52	8.10	-4.10	-92.15	-140.62	-1051.50	-210.69	1024.37	181.67
15116	19.42	8.10	-4.10	-70.56	8.31	-579.33	-211.71	910.16	126.20
15117	20.33	8.10	-4.10	55.89	152.04	-268.76	-133.09	763.61	82.26
15118	21.23	8.10	-4.10	174.25	304.83	-44.48	-55.31	724.97	85.40
15119	22.14	8.10	-4.10	236.85	390.09	137.27	27.46	972.84	327.76
15120	18.24	8.70	-4.10	-104.86	-128.08	-1111.05	-235.80	1029.76	199.59
15121	19.16	8.70	-4.10	-62.54	11.89	-630.26	-264.43	912.57	167.93
15122	20.07	8.70	-4.10	67.19	132.28	-302.38	-207.24	776.56	97.73
15123	20.99	8.70	-4.10	209.27	237.34	-42.42	-126.64	744.93	81.99
15124	21.91	8.70	-4.10	396.97	420.29	242.03	-90.17	995.40	-116.05
15125	18.52	8.10	-5.50	5.91	40.61	-999.80	-66.06	891.49	147.38
15126	19.42	8.10	-5.50	-24.62	88.84	-644.83	-86.33	835.88	157.11
15127	20.33	8.10	-5.50	-8.05	138.83	-351.62	-65.79	736.04	139.53
15128	21.23	8.10	-5.50	40.40	198.55	-140.47	-26.10	680.30	118.03
15129	22.14	8.10	-5.50	83.27	217.56	16.77	0.35	914.47	336.94
15130	18.24	8.70	-5.50	-3.96	30.18	-1046.76	-93.35	907.86	172.21
15131	19.16	8.70	-5.50	-28.03	79.05	-676.75	-122.95	840.68	176.33
15132	20.07	8.70	-5.50	1.05	131.26	-375.09	-111.76	733.41	130.50
15133	20.99	8.70	-5.50	59.12	186.91	-147.03	-74.38	673.99	97.49
15134	21.91	8.70	-5.50	150.41	239.50	43.38	-62.00	896.42	-105.35
15135	18.52	8.10	-6.90	54.17	136.31	-949.04	18.05	784.95	130.79
15136	19.42	8.10	-6.90	3.74	145.84	-685.73	6.75	741.46	156.70
15137	20.33	8.10	-6.90	-33.89	150.50	-438.00	14.34	666.08	161.38
15138	21.23	8.10	-6.90	-57.41	138.12	-248.68	33.59	632.83	130.65
15139	22.14	8.10	-6.90	-33.87	95.17	-102.14	-2.50	871.72	310.35
15140	18.24	8.70	-6.90	53.50	137.73	-993.78	-1.75	798.85	147.77
15141	19.16	8.70	-6.90	6.27	146.19	-719.67	-18.69	750.18	167.47
15142	20.07	8.70	-6.90	-23.87	149.48	-465.02	-14.97	666.74	149.89
15143	20.99	8.70	-6.90	-41.05	147.72	-257.59	2.28	615.33	120.01
15144	21.91	8.70	-6.90	-53.79	100.78	-107.44	-5.82	846.34	-97.04
15145	18.52	8.10	-8.30	85.83	214.24	-916.15	84.33	682.46	126.25
15146	19.42	8.10	-8.30	25.27	192.90	-722.39	77.65	638.09	157.07
15147	20.33	8.10	-8.30	-34.95	162.40	-521.24	81.57	561.24	175.35

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]
15148	21.23	8.10	-8.30	-117.04	82.73	-316.95	104.93	515.32	147.21
15149	22.14	8.10	-8.30	-227.10	-37.30	-151.10	112.37	799.97	225.36
15150	18.24	8.70	-8.30	90.24	219.79	-956.40	64.43	696.17	140.01
15151	19.16	8.70	-8.30	31.11	198.30	-755.74	53.65	648.89	164.02
15152	20.07	8.70	-8.30	-25.10	166.49	-551.05	55.60	567.55	163.36
15153	20.99	8.70	-8.30	-100.02	112.33	-345.35	70.83	504.87	142.71
15154	21.91	8.70	-8.30	-263.04	-63.54	-170.59	99.74	740.31	-99.53
15155	-17.50	8.10	-2.70	-968.80	-729.33	-2103.47	346.44	-776.27	301.78
15156	-16.37	8.10	-2.70	-749.57	-613.68	-2036.68	263.27	-591.41	173.53
15157	-15.24	8.10	-2.70	-607.74	-523.86	-1845.75	224.71	-564.70	129.24
15158	-14.11	8.10	-2.70	-501.54	-462.21	-1747.65	195.64	-548.00	100.28
15159	-12.98	8.10	-2.70	-416.30	-415.11	-1690.12	172.38	-532.83	78.20
15160	-11.85	8.10	-2.70	-344.17	-377.60	-1659.84	152.89	-516.30	60.49
15161	-10.73	8.10	-2.70	-280.54	-346.40	-1648.82	135.54	-496.18	45.66
15162	-9.60	8.10	-2.70	-222.72	-320.03	-1652.21	119.50	-470.70	33.00
15163	-8.47	8.10	-2.70	-169.49	-297.48	-1666.40	104.33	-438.74	22.18
15164	-7.34	8.10	-2.70	-120.39	-278.10	-1688.20	89.64	-399.58	12.86
15165	-6.21	8.10	-2.70	-75.49	-261.61	-1714.73	75.21	-352.84	4.85
15166	-5.08	8.10	-2.70	-35.20	-247.86	-1743.32	60.90	-298.55	-1.95
15167	-3.95	8.10	-2.70	-0.13	-236.78	-1771.50	46.60	-237.18	-7.59
15168	-2.82	8.10	-2.70	29.08	-228.33	-1797.16	32.23	-169.53	-12.07
15169	-1.69	8.10	-2.70	51.82	-222.41	-1818.63	17.65	-96.76	-15.38
15170	-0.56	8.10	-2.70	67.70	-219.05	-1834.68	2.60	-20.36	-17.40
15171	-17.23	8.70	-2.70	-989.21	-776.44	-2185.11	367.72	-800.52	346.63
15172	-16.11	8.70	-2.70	-769.87	-654.40	-2129.87	278.32	-606.63	204.91
15173	-15.00	8.70	-2.70	-626.46	-561.61	-1935.35	237.88	-577.33	161.71
15174	-13.89	8.70	-2.70	-517.76	-497.27	-1834.46	206.97	-558.97	133.35
15175	-12.78	8.70	-2.70	-430.69	-448.53	-1775.08	182.54	-542.04	112.57
15176	-11.67	8.70	-2.70	-357.38	-409.97	-1743.23	162.18	-523.94	96.27
15177	-10.56	8.70	-2.70	-292.59	-377.92	-1730.57	143.86	-502.18	82.82
15178	-9.45	8.70	-2.70	-234.14	-351.23	-1732.36	127.10	-474.88	71.71
15179	-8.34	8.70	-2.70	-180.60	-328.50	-1744.82	111.17	-441.35	62.65
15180	-7.22	8.70	-2.70	-131.43	-309.09	-1764.80	95.64	-400.83	55.07
15181	-6.11	8.70	-2.70	-86.66	-292.69	-1789.47	80.29	-352.96	48.74
15182	-5.00	8.70	-2.70	-46.65	-279.10	-1816.24	64.94	-297.79	43.48
15183	-3.89	8.70	-2.70	-11.96	-268.22	-1842.74	49.52	-235.78	39.17
15184	-2.78	8.70	-2.70	16.81	-259.95	-1866.99	33.93	-167.76	35.70
15185	-1.67	8.70	-2.70	39.10	-254.11	-1887.47	18.14	-94.82	32.95
15186	-0.56	8.70	-2.70	54.35	-250.47	-1903.44	1.81	-18.20	31.08
15187	-17.50	8.10	-4.10	-304.72	-300.78	-1684.86	114.98	-690.69	187.94
15188	-16.37	8.10	-4.10	-328.50	-319.30	-1788.11	117.03	-532.00	88.93
15189	-15.24	8.10	-4.10	-330.10	-312.68	-1728.81	126.27	-461.39	31.39
15190	-14.11	8.10	-4.10	-301.59	-292.94	-1652.13	127.49	-441.74	3.00
15191	-12.98	8.10	-4.10	-261.27	-270.84	-1597.69	123.25	-432.55	-15.00
15192	-11.85	8.10	-4.10	-216.93	-249.11	-1562.60	116.30	-423.06	-28.72
15193	-10.73	8.10	-4.10	-171.88	-228.73	-1543.18	107.85	-409.39	-40.42
15194	-9.60	8.10	-4.10	-127.55	-210.11	-1536.11	98.54	-389.84	-50.82
15195	-8.47	8.10	-4.10	-84.79	-193.32	-1538.60	88.68	-363.78	-60.10
15196	-7.34	8.10	-4.10	-44.27	-178.40	-1548.18	78.38	-330.95	-68.43
15197	-6.21	8.10	-4.10	-6.65	-165.43	-1562.57	67.72	-291.32	-75.86
15198	-5.08	8.10	-4.10	27.40	-154.48	-1579.69	56.77	-245.12	-82.39
15199	-3.95	8.10	-4.10	57.17	-145.60	-1597.66	45.55	-192.85	-87.99
15200	-2.82	8.10	-4.10	82.04	-138.81	-1614.89	34.08	-135.24	-92.61
15201	-1.69	8.10	-4.10	101.45	-134.08	-1630.17	22.27	-73.19	-96.11
15202	-0.56	8.10	-4.10	115.10	-131.52	-1642.60	9.96	-8.03	-98.25
15203	-17.23	8.70	-4.10	-308.63	-313.70	-1745.42	115.97	-710.36	225.98
15204	-16.11	8.70	-4.10	-331.86	-334.58	-1860.13	118.99	-549.92	120.32
15205	-15.00	8.70	-4.10	-335.28	-331.24	-1806.98	130.11	-474.18	58.88
15206	-13.89	8.70	-4.10	-307.99	-313.11	-1730.86	132.23	-451.09	30.04
15207	-12.78	8.70	-4.10	-268.26	-292.05	-1675.85	128.41	-439.75	13.02
15208	-11.67	8.70	-4.10	-224.25	-270.99	-1639.76	121.56	-428.86	0.67
15209	-10.56	8.70	-4.10	-179.28	-251.08	-1619.10	112.93	-413.90	-9.65
15210	-9.45	8.70	-4.10	-135.14	-232.94	-1610.68	103.38	-392.93	-18.51
15211	-8.34	8.70	-4.10	-92.64	-216.53	-1611.72	93.11	-365.71	-26.11
15212	-7.22	8.70	-4.10	-52.44	-202.00	-1619.77	82.27	-331.88	-32.83
15213	-6.11	8.70	-4.10	-15.20	-189.42	-1632.61	70.96	-291.42	-38.78
15214	-5.00	8.70	-4.10	18.41	-178.84	-1648.21	59.25	-244.58	-44.00
15215	-3.89	8.70	-4.10	47.73	-170.30	-1664.77	47.20	-191.85	-48.52
15216	-2.78	8.70	-4.10	72.15	-163.80	-1680.81	34.83	-133.95	-52.35
15217	-1.67	8.70	-4.10	91.12	-159.18	-1695.21	22.20	-71.70	-55.54
15218	-0.56	8.70	-4.10	104.07	-156.32	-1707.55	8.92	-5.87	-57.23
15219	-17.50	8.10	-5.50	-94.85	-62.91	-1407.01	48.45	-649.94	157.71
15220	-16.37	8.10	-5.50	-79.11	-76.96	-1544.04	39.36	-553.76	85.84
15221	-15.24	8.10	-5.50	-87.33	-88.68	-1572.48	47.19	-470.36	22.14
15222	-14.11	8.10	-5.50	-91.43	-92.80	-1545.54	58.78	-420.35	-22.25
15223	-12.98	8.10	-5.50	-82.17	-89.99	-1506.81	67.03	-392.29	-51.61
15224	-11.85	8.10	-5.50	-62.66	-83.00	-1473.43	71.19	-372.77	-72.50
15225	-10.73	8.10	-5.50	-36.61	-73.82	-1449.15	72.05	-354.48	-88.81
15226	-9.60	8.10	-5.50	-6.95	-63.74	-1434.05	70.50	-333.64	-102.30
15227	-8.47	8.10	-5.50	24.23	-53.48	-1426.99	67.14	-308.62	-113.78
15228	-7.34	8.10	-5.50	55.39	-43.64	-1426.47	62.39	-278.66	-123.74
15229	-6.21	8.10	-5.50	85.29	-34.64	-1430.87	56.60	-243.45	-132.47
15230	-5.08	8.10	-5.50	112.90	-26.79	-1438.62	50.03	-203.05	-140.05
15231	-3.95	8.10	-5.50	137.33	-20.29	-1448.29	42.85	-157.75	-146.52
15232	-2.82	8.10	-5.50	157.87	-15.25	-1458.70	35.20	-108.06	-151.87
15233	-1.69	8.10	-5.50	173.96	-11.72	-1468.94	27.12	-54.57	-155.89
15234	-0.56	8.10	-5.50	185.30	-9.77	-1478.30	18.53	1.51	-158.19
15235	-17.23	8.70	-5.50	-96.00	-66.83	-1455.43	50.98	-666.16	192.49
15236	-16.11	8.70	-5.50	-78.94	-79.66	-1599.80	39.76	-571.20	119.12
15237	-15.00	8.70	-5.50	-86.05	-92.75	-1635.94	47.27	-486.04	52.58
15238	-13.89	8.70	-5.50	-90.68	-98.98	-1613.66	59.45	-432.47	6.14
15239	-12.78	8.70	-5.50	-82.41	-98.15	-1576.85	68.36	-401.50	-23.66
15240	-11.67	8.70	-5.50	-63.78	-92.75	-1543.95	72.97	-379.98	-44.31
15241	-10.56	8.70	-5.50	-38.56	-85.03	-1519.31	74.13	-360.03	-60.13
15242	-9.45	8.70	-5.50	-9.71	-76.16	-1503.38	72.73	-337.57	-72.77
15243	-8.34	8.70	-5.50	20.73	-66.86	-1495.20	69.30	-311.32	-83.08
15244	-7.22	8.70	-5.50	51.21	-57.86	-1493.40	64.33	-280.36	-91.89
15245	-6.11	8.70	-5.50	80.47	-49.59	-1496.44	58.19	-244.35	-99.51
15246	-5.00	8.70	-5.50	107.47	-42.36	-1502.86	51.15	-203.32	-106.12

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]
15247	-3.89	8.70	-5.50	131.34	-36.38	-1511.29	43.43	-157.56	-111.82
15248	-2.78	8.70	-5.50	151.36	-31.76	-1520.63	35.18	-107.50	-116.66
15249	-1.67	8.70	-5.50	166.97	-28.44	-1530.11	26.56	-53.67	-120.69
15250	-0.56	8.70	-5.50	177.60	-26.27	-1539.53	17.28	3.68	-122.38
15251	-17.50	8.10	-6.90	27.63	105.21	-1233.06	22.61	-589.22	137.95
15252	-16.37	8.10	-6.90	54.33	101.41	-1345.85	12.31	-537.09	87.67
15253	-15.24	8.10	-6.90	66.04	96.58	-1399.90	12.05	-475.86	34.58
15254	-14.11	8.10	-6.90	70.16	92.59	-1408.95	18.78	-422.31	-12.41
15255	-12.98	8.10	-6.90	75.69	91.26	-1393.96	27.66	-381.48	-49.89
15256	-11.85	8.10	-6.90	86.68	92.99	-1371.33	35.50	-350.24	-79.11
15257	-10.73	8.10	-6.90	103.20	97.02	-1349.62	41.21	-323.58	-102.54
15258	-9.60	8.10	-6.90	123.86	102.52	-1332.26	44.82	-297.69	-121.80
15259	-8.47	8.10	-6.90	147.03	108.91	-1320.27	46.53	-270.44	-137.85
15260	-7.34	8.10	-6.90	171.21	115.56	-1313.45	46.61	-240.63	-151.42
15261	-6.21	8.10	-6.90	195.07	121.97	-1311.07	45.40	-207.57	-163.00
15262	-5.08	8.10	-6.90	217.48	127.74	-1312.18	43.18	-170.95	-172.82
15263	-3.95	8.10	-6.90	237.47	132.60	-1315.83	40.18	-130.78	-181.00
15264	-2.82	8.10	-6.90	254.29	136.33	-1321.20	36.59	-87.21	-187.54
15265	-1.69	8.10	-6.90	267.41	138.89	-1327.70	32.56	-40.51	-192.14
15266	-0.56	8.10	-6.90	276.51	140.27	-1334.76	28.16	8.22	-194.28
15267	-17.23	8.70	-6.90	29.91	106.57	-1274.53	26.52	-602.76	169.01
15268	-16.11	8.70	-6.90	56.73	103.99	-1391.45	14.72	-551.84	119.46
15269	-15.00	8.70	-6.90	69.40	99.37	-1451.00	13.30	-490.85	65.87
15270	-13.89	8.70	-6.90	74.16	94.71	-1465.11	19.48	-435.73	17.81
15271	-12.78	8.70	-6.90	79.41	92.08	-1453.64	28.37	-392.65	-20.28
15272	-11.67	8.70	-6.90	89.90	92.50	-1433.00	36.24	-359.53	-49.72
15273	-10.56	8.70	-6.90	105.65	95.05	-1412.14	42.07	-331.13	-73.29
15274	-9.45	8.70	-6.90	125.42	99.10	-1394.81	45.82	-303.44	-92.34
15275	-8.34	8.70	-6.90	147.73	104.22	-1382.29	47.50	-274.81	-107.77
15276	-7.22	8.70	-6.90	171.09	109.69	-1374.60	47.47	-243.86	-120.68
15277	-6.11	8.70	-6.90	194.18	115.04	-1371.18	46.04	-209.86	-131.57
15278	-5.00	8.70	-6.90	215.88	119.92	-1371.18	43.52	-172.49	-140.78
15279	-3.89	8.70	-6.90	235.23	124.08	-1373.78	40.14	-131.69	-148.54
15280	-2.78	8.70	-6.90	251.46	127.37	-1378.28	36.12	-87.55	-154.91
15281	-1.67	8.70	-6.90	264.08	129.87	-1384.21	31.65	-40.21	-160.02
15282	-0.56	8.70	-6.90	272.69	131.96	-1391.48	26.73	10.52	-161.59
15283	-17.50	8.10	-8.30	118.79	245.58	-1110.42	11.03	-527.15	128.67
15284	-16.37	8.10	-8.30	151.09	251.34	-1194.92	1.86	-497.01	90.66
15285	-15.24	8.10	-8.30	174.91	255.80	-1245.86	-1.35	-454.83	48.25
15286	-14.11	8.10	-8.30	192.07	259.45	-1267.12	0.83	-410.14	6.23
15287	-12.98	8.10	-8.30	206.27	263.11	-1267.40	6.52	-368.81	-31.88
15288	-11.85	8.10	-8.30	220.80	267.59	-1256.24	13.50	-332.71	-64.82
15289	-10.73	8.10	-8.30	237.43	273.04	-1240.98	20.15	-300.70	-93.01
15290	-9.60	8.10	-8.30	256.31	279.17	-1226.11	25.90	-270.65	-117.04
15291	-8.47	8.10	-8.30	276.77	285.77	-1213.85	30.47	-241.04	-137.41
15292	-7.34	8.10	-8.30	297.89	292.43	-1205.06	33.86	-210.77	-154.67
15293	-6.21	8.10	-8.30	318.63	298.73	-1199.75	36.22	-179.02	-169.29
15294	-5.08	8.10	-8.30	338.00	304.32	-1197.54	37.72	-145.31	-181.54
15295	-3.95	8.10	-8.30	355.15	308.90	-1197.84	38.55	-109.35	-191.55
15296	-2.82	8.10	-8.30	369.37	312.20	-1200.05	38.84	-71.04	-199.30
15297	-1.69	8.10	-8.30	380.21	314.04	-1203.63	38.81	-30.28	-204.35
15298	-0.56	8.10	-8.30	387.34	314.55	-1208.07	38.67	11.95	-206.12
15299	-17.23	8.70	-8.30	123.98	250.41	-1146.88	16.68	-538.79	156.19
15300	-16.11	8.70	-8.30	156.09	257.28	-1233.80	6.45	-509.54	119.68
15301	-15.00	8.70	-8.30	180.30	262.28	-1288.16	2.23	-467.97	77.90
15302	-13.89	8.70	-8.30	198.12	266.13	-1313.07	3.54	-422.95	35.90
15303	-12.78	8.70	-8.30	212.43	269.37	-1316.57	8.75	-380.42	-2.33
15304	-11.67	8.70	-8.30	226.92	273.31	-1307.71	15.34	-343.11	-35.41
15305	-10.56	8.70	-8.30	243.22	277.94	-1293.78	21.71	-309.76	-64.07
15306	-9.45	8.70	-8.30	261.55	283.09	-1279.33	27.32	-278.08	-88.55
15307	-8.34	8.70	-8.30	281.43	288.79	-1266.77	31.70	-247.11	-109.12
15308	-7.22	8.70	-8.30	301.95	294.55	-1257.18	34.86	-215.65	-126.64
15309	-6.11	8.70	-8.30	322.10	300.05	-1250.78	36.95	-182.86	-141.53
15310	-5.00	8.70	-8.30	340.91	304.96	-1247.39	38.12	-148.23	-154.05
15311	-3.89	8.70	-8.30	357.51	309.00	-1246.68	38.55	-111.42	-164.33
15312	-2.78	8.70	-8.30	371.15	311.98	-1248.36	38.36	-72.23	-172.22
15313	-1.67	8.70	-8.30	381.31	313.66	-1252.33	37.67	-30.36	-177.46
15314	-0.56	8.70	-8.30	387.87	314.40	-1258.38	36.83	14.68	-176.93
15315	-22.14	8.10	-2.70	23.93	-90.31	3.49	14.58	25.31	29.27
15316	-21.23	8.10	-2.70	51.25	-149.04	-16.12	63.54	0.46	17.59
15317	-20.33	8.10	-2.70	-18.09	-225.75	-43.67	122.25	-61.13	30.89
15318	-19.42	8.10	-2.70	-291.42	-348.86	-51.70	241.94	-205.16	72.70
15319	-18.52	8.10	-2.70	-1089.70	-744.02	-1101.63	498.42	-942.85	395.59
15320	-21.91	8.70	-2.70	24.31	-92.82	3.61	12.00	27.71	26.66
15321	-20.99	8.70	-2.70	53.59	-153.78	-16.76	58.35	0.92	16.77
15322	-20.07	8.70	-2.70	-16.68	-234.54	-44.53	116.83	-62.40	31.95
15323	-19.16	8.70	-2.70	-293.48	-368.30	-56.71	243.02	-212.16	80.13
15324	-18.24	8.70	-2.70	-1097.21	-793.93	-1141.15	521.35	-960.29	442.45
15325	-22.14	8.10	-4.10	-6.68	14.39	-7.54	28.95	17.21	83.54
15326	-21.23	8.10	-4.10	-63.34	-38.11	-90.24	75.18	-71.88	74.31
15327	-20.33	8.10	-4.10	-194.94	-100.70	-161.58	138.66	-239.92	107.13
15328	-19.42	8.10	-4.10	-404.39	-203.49	-475.45	211.49	-576.65	213.49
15329	-18.52	8.10	-4.10	-365.21	-258.06	-1146.99	164.21	-821.68	283.02
15330	-21.91	8.70	-4.10	-5.40	15.74	-7.26	29.86	20.34	82.43
15331	-20.99	8.70	-4.10	-62.39	-40.67	-92.90	77.04	-72.88	77.76
15332	-20.07	8.70	-4.10	-195.29	-108.56	-167.92	144.03	-246.03	117.22
15333	-19.16	8.70	-4.10	-405.49	-219.63	-492.98	223.15	-588.77	240.28
15334	-18.24	8.70	-4.10	-370.70	-274.20	-1187.41	172.30	-838.74	324.53
15335	-22.14	8.10	-5.50	-10.49	98.03	-75.47	43.25	-18.59	120.97
15336	-21.23	8.10	-5.50	-77.24	61.09	-207.46	71.93	-159.21	124.74
15337	-20.33	8.10	-5.50	-168.59	18.15	-363.40	108.25	-360.50	159.95
15338	-19.42	8.10	-5.50	-200.21	-18.52	-660.47	114.85	-580.64	207.75
15339	-18.52	8.10	-5.50	-157.10	-46.80	-1081.40	84.30	-692.60	213.71
15340	-21.91	8.70	-5.50	-8.23	99.48	-77.49	46.86	-15.84	120.27
15341	-20.99	8.70	-5.50	-75.86	59.54	-214.41	77.49	-161.96	130.91
15342	-20.07	8.70	-5.50	-167.73	12.99	-376.16	116.74	-368.15	174.30
15343	-19.16	8.70	-5.50	-200.20	-25.71	-683.63	124.07	-592.83	233.31
15344	-18.24	8.70	-5.50	-158.02	-52.96	-1119.06	90.35	-707.18	247.05
15345	-22.14	8.10	-6.90	-1.26	163.86	-199.31	54.33	-47.03	141.61

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]
15346	-21.23	8.10	-6.90	-44.91	145.99	-342.35	65.50	-212.12	155.33
15347	-20.33	8.10	-6.90	-78.70	129.04	-506.01	75.88	-383.37	175.87
15348	-19.42	8.10	-6.90	-71.96	116.53	-739.84	69.73	-533.21	192.19
15349	-18.52	8.10	-6.90	-21.99	109.81	-1018.84	45.14	-605.30	180.22
15350	-21.91	8.70	-6.90	2.18	165.94	-205.04	59.79	-44.65	141.96
15351	-20.99	8.70	-6.90	-42.20	146.32	-353.37	72.67	-215.63	163.69
15352	-20.07	8.70	-6.90	-76.29	127.86	-522.93	84.46	-391.22	191.20
15353	-19.16	8.70	-6.90	-69.62	115.03	-764.87	78.12	-544.42	215.50
15354	-18.24	8.70	-6.90	-19.73	109.54	-1053.67	51.28	-618.09	209.12
15355	-22.14	8.10	-8.30	9.99	216.63	-353.19	65.02	-57.05	149.83
15356	-21.23	8.10	-8.30	-6.16	218.90	-465.37	64.00	-221.15	166.50
15357	-20.33	8.10	-8.30	-7.03	222.24	-603.25	60.49	-364.36	177.45
15358	-19.42	8.10	-8.30	20.25	228.79	-776.60	48.05	-475.31	179.34
15359	-18.52	8.10	-8.30	70.87	237.82	-965.81	27.91	-529.83	162.15
15360	-21.91	8.70	-8.30	14.38	218.82	-363.51	71.76	-54.82	150.57
15361	-20.99	8.70	-8.30	-2.22	220.58	-480.02	72.14	-224.79	175.18
15362	-20.07	8.70	-8.30	-2.93	223.68	-622.81	69.31	-371.76	191.90
15363	-19.16	8.70	-8.30	24.73	230.83	-802.15	56.51	-485.37	199.88
15364	-18.24	8.70	-8.30	75.83	241.26	-998.01	34.89	-541.03	187.19
15365	11.69	9.49	-8.30	271.09	266.89	-1416.32	48.39	514.64	-36.13
15366	12.72	9.44	-8.30	254.72	262.78	-1402.81	55.30	560.48	-11.20
15367	13.76	9.39	-8.30	235.95	259.20	-1374.28	61.42	606.56	17.67
15368	11.91	10.47	-8.30	265.23	279.37	-1503.72	37.32	549.09	37.26
15369	12.81	10.33	-8.30	250.46	274.94	-1474.74	42.53	589.84	53.08
15370	13.70	10.18	-8.30	233.85	270.09	-1433.48	47.17	627.42	70.66
15371	12.11	11.46	-8.30	257.37	291.79	-1577.13	25.02	583.52	125.28
15372	12.88	11.21	-8.30	244.19	286.53	-1534.95	28.96	617.35	126.42
15373	13.63	10.96	-8.30	228.77	280.08	-1484.77	32.14	648.96	131.63
15374	0.57	9.89	-8.30	389.13	313.09	-1375.00	30.64	54.72	-103.63
15375	1.70	9.88	-8.30	387.78	310.99	-1379.91	28.79	101.21	-105.72
15376	2.84	9.86	-8.30	382.77	307.96	-1384.83	27.12	147.87	-105.97
15377	3.96	9.83	-8.30	374.47	303.94	-1390.25	25.94	194.37	-104.74
15378	5.08	9.80	-8.30	363.35	299.13	-1396.19	25.49	240.54	-101.97
15379	6.20	9.76	-8.30	350.03	293.75	-1402.62	26.02	286.27	-97.44
15380	7.31	9.71	-8.30	335.18	288.04	-1409.26	27.73	331.64	-90.89
15381	8.42	9.66	-8.30	319.44	282.28	-1415.47	30.82	376.84	-81.89
15382	9.52	9.60	-8.30	303.37	276.72	-1420.01	35.41	422.25	-69.96
15383	10.62	9.54	-8.30	287.23	271.55	-1420.81	41.48	468.36	-54.57
15384	0.60	11.68	-8.30	380.03	312.18	-1554.64	23.22	58.50	15.11
15385	1.80	11.64	-8.30	378.29	311.13	-1558.02	20.08	110.25	12.36
15386	2.99	11.58	-8.30	372.78	309.30	-1560.15	17.31	161.94	9.75
15387	4.16	11.50	-8.30	364.07	306.84	-1561.67	15.35	213.06	7.88
15388	5.32	11.40	-8.30	352.77	303.86	-1562.34	14.47	263.39	6.95
15389	6.47	11.28	-8.30	339.59	300.48	-1561.78	14.90	312.88	7.21
15390	7.60	11.15	-8.30	325.24	296.77	-1559.30	16.79	361.59	8.98
15391	8.72	10.99	-8.30	310.32	292.80	-1553.77	20.21	409.69	12.62
15392	9.83	10.82	-8.30	295.23	288.54	-1543.52	25.09	457.38	18.45
15393	10.92	10.63	-8.30	280.00	283.87	-1526.16	31.26	504.85	26.71
15394	0.63	13.48	-8.30	366.58	317.62	-1748.52	16.45	62.63	166.73
15395	1.88	13.42	-8.30	364.45	317.36	-1749.98	12.61	119.54	161.62
15396	3.11	13.32	-8.30	358.90	316.84	-1748.26	9.39	176.59	156.59
15397	4.33	13.19	-8.30	350.46	315.95	-1743.88	7.14	232.84	151.48
15398	5.53	13.03	-8.30	339.75	314.67	-1736.38	6.09	288.00	146.41
15399	6.70	12.83	-8.30	327.42	312.90	-1725.10	6.39	341.92	141.57
15400	7.86	12.61	-8.30	314.07	310.49	-1709.10	8.09	394.58	137.17
15401	8.99	12.35	-8.30	300.14	307.28	-1687.10	11.09	445.96	133.39
15402	10.11	12.06	-8.30	285.82	303.02	-1657.48	15.22	495.90	130.35
15403	11.19	11.74	-8.30	271.05	297.44	-1618.38	20.21	543.63	127.70
15404	0.65	15.28	-8.30	354.05	327.17	-1926.31	10.21	65.79	361.73
15405	1.95	15.20	-8.30	351.61	327.56	-1925.47	6.08	129.90	355.27
15406	3.22	15.07	-8.30	346.15	327.74	-1918.73	2.58	193.53	347.28
15407	4.47	14.90	-8.30	338.13	327.56	-1906.34	-0.06	256.02	337.69
15408	5.71	14.67	-8.30	328.05	326.80	-1887.85	-1.69	316.91	326.51
15409	6.91	14.40	-8.30	316.36	325.27	-1862.72	-2.24	375.86	313.76
15410	8.09	14.08	-8.30	303.47	322.73	-1830.22	-1.73	432.56	299.47
15411	9.24	13.72	-8.30	289.62	318.94	-1789.49	-0.26	486.69	283.66
15412	10.36	13.31	-8.30	274.91	313.68	-1739.60	2.04	537.73	266.36
15413	11.45	12.86	-8.30	259.30	306.76	-1679.77	5.07	584.81	248.10
15414	0.67	17.07	-8.30	348.55	317.71	-2019.49	3.91	68.81	601.37
15415	1.99	16.99	-8.30	345.40	318.66	-2016.84	-1.90	140.81	593.37
15416	3.30	16.84	-8.30	339.44	319.47	-2005.75	-7.21	211.89	580.98
15417	4.59	16.62	-8.30	330.95	319.86	-1986.40	-11.81	281.17	564.15
15418	5.85	16.34	-8.30	320.25	319.68	-1958.70	-15.55	347.91	542.94
15419	7.09	15.99	-8.30	307.66	318.75	-1922.56	-18.31	411.45	517.43
15420	8.29	15.58	-8.30	293.50	316.89	-1877.85	-20.01	471.14	487.75
15421	9.46	15.11	-8.30	278.03	313.95	-1824.44	-20.58	526.38	454.09
15422	10.60	14.58	-8.30	261.46	309.73	-1762.25	-19.93	576.57	416.81
15423	11.69	14.00	-8.30	243.98	304.00	-1691.32	-17.95	621.14	376.49
15424	0.68	18.88	-8.30	352.57	252.41	-1945.59	-2.78	69.80	835.13
15425	2.02	18.79	-8.30	348.40	254.70	-1942.93	-13.98	147.09	825.86
15426	3.36	18.61	-8.30	340.85	257.89	-1932.20	-24.48	223.18	808.73
15427	4.68	18.35	-8.30	330.22	261.77	-1913.52	-33.91	296.99	783.90
15428	5.97	18.01	-8.30	316.91	266.09	-1887.00	-41.91	367.50	751.67
15429	7.23	17.59	-8.30	301.32	270.57	-1852.76	-48.17	433.74	712.45
15430	8.47	17.09	-8.30	283.92	274.90	-1810.90	-52.39	494.88	666.74
15431	9.66	16.51	-8.30	265.23	278.70	-1761.51	-54.33	550.20	615.14
15432	10.81	15.87	-8.30	245.80	281.56	-1704.64	-53.80	599.13	558.37
15433	11.91	15.15	-8.30	226.14	282.91	-1640.38	-50.65	641.35	497.35
15434	16.80	9.56	-8.30	144.93	243.08	-1174.38	51.18	714.25	133.46
15435	16.19	10.65	-8.30	153.15	255.85	-1258.82	22.32	726.40	182.73
15436	15.52	11.69	-8.30	161.81	266.80	-1339.97	-2.43	728.63	241.40
15437	15.79	9.48	-8.30	180.20	250.69	-1265.26	60.07	691.27	96.27
15438	15.37	10.42	-8.30	184.33	262.53	-1335.94	36.65	704.00	144.75
15439	14.91	11.34	-8.30	188.09	272.52	-1401.75	15.57	709.28	199.99
15440	14.78	9.40	-8.30	210.08	255.36	-1330.22	63.85	654.19	55.92
15441	14.55	10.21	-8.30	210.31	266.12	-1389.36	45.96	669.75	102.80
15442	14.30	11.00	-8.30	211.37	275.76	-1442.39	28.45	678.07	155.98
15443	12.93	14.37	-8.30	207.44	282.40	-1571.84	-44.78	676.10	435.88
15444	12.65	13.39	-8.30	227.86	297.53	-1619.54	-14.22	656.29	336.46

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]
15445	12.36	12.43	-8.30	245.13	299.72	-1620.02	8.34	622.23	231.28
15446	13.86	13.54	-8.30	190.61	280.10	-1499.30	-35.40	701.54	371.43
15447	13.48	12.78	-8.30	213.12	290.67	-1548.47	-8.41	681.83	294.42
15448	13.10	12.03	-8.30	231.90	292.78	-1562.77	12.34	650.53	212.84
15449	14.74	12.66	-8.30	175.25	275.25	-1420.22	-22.23	719.82	307.98
15450	14.28	12.13	-8.30	198.55	282.47	-1472.17	-0.18	700.51	253.15
15451	13.81	11.61	-8.30	217.90	284.40	-1500.08	17.64	672.78	191.33
15452	11.69	9.49	-6.90	172.54	95.93	-1565.52	-10.87	546.12	-59.50
15453	12.72	9.44	-6.90	165.20	99.88	-1558.06	-4.27	594.54	-38.36
15454	13.76	9.39	-6.90	158.35	106.62	-1534.21	3.43	647.89	-9.97
15455	11.91	10.47	-6.90	161.68	107.08	-1681.00	-18.25	578.01	10.69
15456	12.81	10.33	-6.90	157.11	112.37	-1655.76	-12.61	623.73	25.96
15457	13.70	10.18	-6.90	152.42	118.46	-1614.68	-6.74	670.28	45.89
15458	12.11	11.46	-6.90	150.95	124.14	-1785.26	-23.12	613.72	102.06
15459	12.88	11.21	-6.90	148.06	128.13	-1741.17	-19.30	654.64	105.07
15460	13.63	10.96	-6.90	143.54	131.44	-1684.83	-16.32	696.27	114.36
15461	0.57	9.89	-6.90	265.99	116.42	-1521.34	15.79	58.68	-88.26
15462	1.70	9.88	-6.90	266.18	114.87	-1526.19	8.96	111.62	-91.04
15463	2.84	9.86	-6.90	262.33	112.66	-1530.72	2.33	164.02	-92.72
15464	3.96	9.83	-6.90	255.05	109.76	-1535.10	-3.87	215.60	-93.66
15465	5.08	9.80	-6.90	244.97	106.35	-1539.68	-9.38	265.91	-93.84
15466	6.20	9.76	-6.90	232.89	102.74	-1544.72	-13.92	314.73	-93.07
15467	7.31	9.71	-6.90	219.66	99.27	-1550.32	-17.17	362.04	-91.09
15468	8.42	9.66	-6.90	206.19	96.39	-1556.28	-18.81	408.11	-87.45
15469	9.52	9.60	-6.90	193.39	94.56	-1561.84	-18.46	453.55	-81.49
15470	10.62	9.54	-6.90	182.02	94.30	-1565.34	-15.77	499.42	-72.29
15471	0.60	11.68	-6.90	242.31	92.81	-1720.93	8.02	62.73	27.71
15472	1.80	11.64	-6.90	242.09	92.87	-1723.97	-0.20	120.52	23.91
15473	2.99	11.58	-6.90	237.76	92.74	-1726.02	-8.11	177.19	19.24
15474	4.16	11.50	-6.90	230.16	92.63	-1727.02	-15.22	232.47	14.34
15475	5.32	11.40	-6.90	220.15	92.68	-1727.15	-21.16	285.97	9.49
15476	6.47	11.28	-6.90	208.69	93.10	-1726.37	-25.61	337.52	5.06
15477	7.60	11.15	-6.90	196.79	94.10	-1724.34	-28.26	387.25	1.55
15478	8.72	10.99	-6.90	185.44	95.92	-1720.28	-28.88	435.60	-0.43
15479	9.83	10.82	-6.90	175.48	98.70	-1712.70	-27.28	483.28	-0.12
15480	10.92	10.63	-6.90	167.50	102.48	-1699.08	-23.41	531.42	3.35
15481	0.63	13.48	-6.90	213.44	80.57	-1944.40	1.37	66.91	167.61
15482	1.88	13.42	-6.90	212.72	82.25	-1946.02	-7.25	128.60	161.54
15483	3.11	13.32	-6.90	208.40	84.56	-1944.89	-15.26	189.32	154.43
15484	4.33	13.19	-6.90	201.39	87.65	-1940.99	-22.18	248.52	146.37
15485	5.53	13.03	-6.90	192.59	91.51	-1934.21	-27.61	305.80	137.73
15486	6.70	12.83	-6.90	183.01	96.11	-1924.13	-31.26	361.08	128.98
15487	7.86	12.61	-6.90	173.61	101.38	-1909.95	-32.99	414.56	120.69
15488	8.99	12.35	-6.90	165.29	107.18	-1890.34	-32.76	466.70	113.47
15489	10.11	12.06	-6.90	158.67	113.26	-1863.30	-30.69	518.10	107.95
15490	11.19	11.74	-6.90	153.95	119.19	-1826.07	-27.12	568.95	104.22
15491	0.65	15.28	-6.90	186.68	92.13	-2171.61	-4.07	70.32	352.31
15492	1.95	15.20	-6.90	185.58	94.79	-2171.18	-11.52	137.74	345.24
15493	3.22	15.07	-6.90	181.82	98.66	-2165.08	-18.27	204.06	336.21
15494	4.47	14.90	-6.90	176.17	103.62	-2153.10	-23.95	268.90	325.41
15495	5.71	14.67	-6.90	169.40	109.43	-2134.95	-28.28	331.87	313.07
15496	6.91	14.40	-6.90	162.29	115.78	-2110.02	-31.15	392.84	299.49
15497	8.09	14.08	-6.90	155.57	122.33	-2077.38	-32.61	451.84	284.98
15498	9.24	13.72	-6.90	149.75	128.69	-2035.73	-32.85	509.02	269.77
15499	10.36	13.31	-6.90	145.07	134.40	-1983.40	-32.23	564.49	254.06
15500	11.45	12.86	-6.90	141.41	139.17	-1918.42	-31.14	617.97	238.41
15501	0.67	17.07	-6.90	174.27	111.02	-2312.67	-9.15	74.40	616.52
15502	1.99	16.99	-6.90	172.50	113.98	-2310.10	-15.65	150.56	608.29
15503	3.30	16.84	-6.90	168.91	117.86	-2298.15	-21.73	225.67	595.87
15504	4.59	16.62	-6.90	163.93	122.38	-2276.76	-27.13	299.04	579.32
15505	5.85	16.34	-6.90	157.99	127.30	-2245.83	-31.76	370.03	558.69
15506	7.09	15.99	-6.90	151.55	132.32	-2205.17	-35.59	438.13	534.08
15507	8.29	15.58	-6.90	144.99	137.19	-2154.42	-38.71	502.87	505.55
15508	9.46	15.11	-6.90	138.56	141.63	-2093.15	-41.27	563.85	473.17
15509	10.60	14.58	-6.90	132.33	145.41	-2020.81	-43.45	620.62	437.06
15510	11.69	14.00	-6.90	126.24	148.25	-1936.87	-45.31	672.70	397.49
15511	0.68	18.88	-6.90	184.60	67.79	-2208.43	-15.17	76.94	923.41
15512	2.02	18.79	-6.90	181.51	71.57	-2205.62	-26.20	162.38	913.48
15513	3.36	18.61	-6.90	176.11	76.67	-2193.26	-36.67	246.52	895.20
15514	4.68	18.35	-6.90	168.73	82.97	-2171.48	-46.34	328.24	868.67
15515	5.97	18.01	-6.90	159.76	90.28	-2140.44	-54.98	406.45	834.14
15516	7.23	17.59	-6.90	149.63	98.34	-2100.28	-62.39	480.15	791.97
15517	8.47	17.09	-6.90	138.78	106.90	-2051.12	-68.42	548.44	742.60
15518	9.66	16.51	-6.90	127.68	115.69	-1993.00	-72.97	610.54	686.56
15519	10.81	15.87	-6.90	116.83	124.38	-1925.92	-75.96	665.85	624.47
15520	11.91	15.15	-6.90	106.64	132.45	-1849.77	-77.35	714.03	557.19
15521	16.80	9.56	-6.90	93.89	133.51	-1285.11	-6.39	806.03	136.37
15522	16.19	10.65	-6.90	90.26	140.87	-1388.46	-32.47	818.74	193.30
15523	15.52	11.69	-6.90	86.76	146.81	-1487.83	-52.87	819.76	262.78
15524	15.79	9.48	-6.90	124.15	126.22	-1408.96	5.67	765.77	85.94
15525	15.37	10.42	-6.90	119.40	135.88	-1498.35	-14.90	780.21	140.78
15526	14.91	11.34	-6.90	113.19	143.89	-1580.53	-32.01	786.05	205.78
15527	14.78	9.40	-6.90	145.10	116.28	-1488.66	8.57	710.16	34.10
15528	14.55	10.21	-6.90	139.63	126.90	-1566.40	-6.01	728.00	85.84
15529	14.30	11.00	-6.90	133.61	136.97	-1635.29	-19.45	738.14	147.24
15530	12.93	14.37	-6.90	97.94	139.28	-1768.47	-76.95	754.22	488.51
15531	12.65	13.39	-6.90	121.28	149.83	-1850.55	-46.23	715.23	356.94
15532	12.36	12.43	-6.90	138.85	142.23	-1851.08	-30.00	662.89	224.24
15533	13.86	13.54	-6.90	91.77	145.00	-1681.91	-73.66	784.26	415.24
15534	13.48	12.78	-6.90	117.01	150.24	-1763.60	-45.53	747.58	312.32
15535	13.10	12.03	-6.90	135.77	143.10	-1783.86	-28.53	699.02	207.40
15536	14.74	12.66	-6.90	88.08	148.23	-1585.98	-66.84	807.18	341.81
15537	14.28	12.13	-6.90	113.02	149.20	-1668.44	-42.73	773.21	267.52
15538	13.81	11.61	-6.90	131.68	142.08	-1707.65	-26.46	729.80	186.62
15539	11.69	9.49	-5.50	56.04	-90.11	-1704.18	-90.34	573.28	-64.51
15540	12.72	9.44	-5.50	49.61	-86.06	-1706.65	-88.77	617.77	-54.48
15541	13.76	9.39	-5.50	48.57	-76.86	-1699.45	-82.88	669.81	-36.30
15542	11.91	10.47	-5.50	29.24	-93.81	-1850.93	-101.33	594.37	-6.47
15543	12.81	10.33	-5.50	28.64	-83.75	-1838.82	-98.08	637.66	0.53

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]
15544	13.70	10.18	-5.50	32.70	-70.42	-1814.46	-91.90	685.54	14.85
15545	12.11	11.46	-5.50	4.27	-86.40	-2002.30	-103.52	619.20	74.11
15546	12.88	11.21	-5.50	9.07	-73.39	-1969.14	-99.83	661.67	74.18
15547	13.63	10.96	-5.50	16.51	-58.83	-1922.42	-95.23	710.08	84.78
15548	0.57	9.89	-5.50	162.85	-61.12	-1678.16	1.58	61.46	-45.62
15549	1.70	9.88	-5.50	163.74	-62.48	-1682.46	-10.58	121.69	-48.75
15550	2.84	9.86	-5.50	159.93	-64.80	-1685.20	-22.77	180.94	-51.63
15551	3.96	9.83	-5.50	151.98	-68.09	-1686.71	-34.76	238.50	-54.51
15552	5.08	9.80	-5.50	140.66	-72.14	-1687.55	-46.38	293.72	-57.43
15553	6.20	9.76	-5.50	126.84	-76.69	-1688.37	-57.41	346.16	-60.33
15554	7.31	9.71	-5.50	111.49	-81.36	-1689.79	-67.56	395.65	-63.08
15555	8.42	9.66	-5.50	95.65	-85.70	-1692.21	-76.49	442.35	-65.43
15556	9.52	9.60	-5.50	80.39	-89.11	-1695.67	-83.71	486.84	-66.94
15557	10.62	9.54	-5.50	66.85	-90.84	-1699.60	-88.55	530.25	-66.81
15558	0.60	11.68	-5.50	123.35	-118.61	-1889.35	-6.75	66.70	71.19
15559	1.80	11.64	-5.50	123.33	-118.09	-1891.77	-21.60	131.13	66.23
15560	2.99	11.58	-5.50	118.54	-117.76	-1892.13	-36.25	193.97	59.47
15561	4.16	11.50	-5.50	109.66	-117.50	-1890.63	-50.29	254.33	51.35
15562	5.32	11.40	-5.50	97.70	-117.12	-1887.75	-63.35	311.57	42.14
15563	6.47	11.28	-5.50	83.77	-116.35	-1883.97	-75.12	365.30	32.17
15564	7.60	11.15	-5.50	69.12	-114.86	-1879.63	-85.26	415.51	21.89
15565	8.72	10.99	-5.50	55.03	-112.24	-1874.74	-93.38	462.60	11.88
15566	9.83	10.82	-5.50	42.85	-108.03	-1868.72	-99.05	507.44	2.92
15567	10.92	10.63	-5.50	33.96	-101.80	-1860.05	-101.73	551.67	-3.83
15568	0.63	13.48	-5.50	73.80	-173.99	-2130.02	-14.27	71.28	198.03
15569	1.88	13.42	-5.50	72.89	-171.18	-2131.42	-30.78	138.23	190.70
15570	3.11	13.32	-5.50	67.54	-167.38	-2129.64	-46.73	203.47	180.77
15571	4.33	13.19	-5.50	58.59	-162.43	-2124.94	-61.56	265.96	168.45
15572	5.53	13.03	-5.50	47.19	-156.19	-2117.59	-74.79	325.07	154.24
15573	6.70	12.83	-5.50	34.66	-148.51	-2107.77	-86.02	380.51	138.77
15574	7.86	12.61	-5.50	22.44	-139.22	-2095.37	-94.93	432.49	122.84
15575	8.99	12.35	-5.50	12.00	-128.17	-2079.76	-101.23	481.66	107.38
15576	10.11	12.06	-5.50	4.86	-115.19	-2059.51	-104.67	529.19	93.54
15577	11.19	11.74	-5.50	2.30	-100.44	-2032.08	-105.27	576.32	82.09
15578	0.65	15.28	-5.50	19.51	-204.45	-2407.48	-20.49	74.59	349.11
15579	1.95	15.20	-5.50	17.97	-199.67	-2407.60	-36.36	144.36	340.92
15580	3.22	15.07	-5.50	13.04	-192.33	-2402.46	-51.32	212.40	329.58
15581	4.47	14.90	-5.50	5.59	-182.49	-2392.06	-64.77	278.00	315.48
15582	5.71	14.67	-5.50	-3.19	-170.28	-2376.32	-76.20	340.66	299.20
15583	6.91	14.40	-5.50	-11.99	-155.88	-2354.94	-85.27	400.29	281.48
15584	8.09	14.08	-5.50	-19.41	-139.52	-2327.22	-91.82	457.21	263.12
15585	9.24	13.72	-5.50	-24.10	-121.50	-2291.85	-95.90	512.17	244.98
15586	10.36	13.31	-5.50	-24.85	-102.25	-2246.79	-97.75	566.25	227.90
15587	11.45	12.86	-5.50	-20.75	-81.96	-2189.00	-97.85	620.61	213.12
15588	0.67	17.07	-5.50	-19.82	-182.33	-2648.05	-25.46	78.93	601.86
15589	1.99	16.99	-5.50	-21.69	-176.60	-2646.07	-37.73	156.01	593.41
15590	3.30	16.84	-5.50	-25.27	-167.93	-2634.48	-49.24	231.91	581.05
15591	4.59	16.62	-5.50	-29.95	-156.66	-2613.21	-59.48	305.90	565.00
15592	5.85	16.34	-5.50	-34.87	-143.17	-2582.11	-68.17	377.51	545.52
15593	7.09	15.99	-5.50	-39.11	-127.91	-2540.87	-75.20	446.46	522.93
15594	8.29	15.58	-5.50	-41.76	-111.37	-2488.89	-80.72	512.72	497.50
15595	9.46	15.11	-5.50	-42.11	-94.05	-2425.25	-85.08	576.39	469.38
15596	10.60	14.58	-5.50	-39.65	-76.46	-2348.66	-88.83	637.68	438.65
15597	11.69	14.00	-5.50	-34.26	-59.13	-2257.47	-92.54	696.85	405.33
15598	0.68	18.88	-5.50	-14.47	-192.23	-2556.15	-31.34	83.77	1008.68
15599	2.02	18.79	-5.50	-17.39	-186.13	-2553.39	-44.99	176.09	998.47
15600	3.36	18.61	-5.50	-21.85	-177.54	-2539.54	-57.98	267.04	980.00
15601	4.68	18.35	-5.50	-27.41	-166.56	-2514.78	-70.07	355.52	953.21
15602	5.97	18.01	-5.50	-33.55	-153.47	-2479.27	-81.04	440.49	918.26
15603	7.23	17.59	-5.50	-39.71	-138.61	-2433.13	-90.78	520.96	875.44
15604	8.47	17.09	-5.50	-45.31	-122.31	-2376.36	-99.32	596.06	825.06
15605	9.66	16.51	-5.50	-49.82	-104.91	-2308.88	-106.79	665.01	767.48
15606	10.81	15.87	-5.50	-52.74	-86.72	-2230.43	-113.39	727.19	703.07
15607	11.91	15.15	-5.50	-53.73	-68.35	-2140.57	-119.44	782.29	632.43
15608	16.80	9.56	-5.50	19.33	-7.03	-1440.46	-84.29	898.63	144.33
15609	16.19	10.65	-5.50	-0.17	-4.38	-1575.96	-109.88	912.73	209.75
15610	15.52	11.69	-5.50	-20.88	-6.71	-1704.28	-124.86	910.83	296.70
15611	15.79	9.48	-5.50	44.48	-32.67	-1599.38	-70.95	824.84	68.61
15612	15.37	10.42	-5.50	28.96	-24.82	-1724.23	-89.45	839.18	129.69
15613	14.91	11.34	-5.50	8.30	-19.43	-1834.80	-100.38	844.81	208.89
15614	14.78	9.40	-5.50	49.14	-58.49	-1674.32	-73.94	742.22	4.90
15615	14.55	10.21	-5.50	35.71	-49.95	-1786.72	-85.92	757.54	57.68
15616	14.30	11.00	-5.50	20.34	-40.12	-1886.89	-93.04	767.37	127.23
15617	12.93	14.37	-5.50	-52.34	-50.59	-2044.24	-124.98	829.00	558.78
15618	12.65	13.39	-5.50	-26.34	-44.16	-2160.59	-96.44	747.91	369.73
15619	12.36	12.43	-5.50	-12.91	-64.39	-2125.87	-97.01	669.45	201.63
15620	13.86	13.54	-5.50	-46.99	-32.74	-1941.30	-128.82	864.16	477.64
15621	13.48	12.78	-5.50	-17.61	-31.95	-2059.54	-100.36	789.33	326.78
15622	13.10	12.03	-5.50	-4.02	-51.26	-2058.51	-95.98	712.81	187.92
15623	14.74	12.66	-5.50	-37.25	-16.73	-1825.27	-130.65	892.78	393.25
15624	14.28	12.13	-5.50	-7.46	-21.61	-1945.28	-103.79	825.60	281.50
15625	13.81	11.61	-5.50	6.04	-40.68	-1977.39	-95.24	754.19	170.03
15626	11.69	9.49	-4.10	-72.87	-279.58	-1827.12	-186.87	622.96	-23.70
15627	12.72	9.44	-4.10	-93.02	-288.54	-1833.04	-200.82	662.81	-27.53
15628	13.76	9.39	-4.10	-109.26	-295.02	-1839.62	-211.44	705.73	-28.69
15629	11.91	10.47	-4.10	-134.21	-317.58	-1995.18	-215.24	632.24	23.56
15630	12.81	10.33	-4.10	-148.74	-316.56	-1994.34	-225.99	666.91	14.66
15631	13.70	10.18	-4.10	-157.91	-312.32	-1991.85	-233.26	702.51	9.63
15632	12.11	11.46	-4.10	-201.57	-352.47	-2187.11	-233.59	636.03	84.91
15633	12.88	11.21	-4.10	-207.36	-340.96	-2172.10	-239.36	668.60	70.50
15634	13.63	10.96	-4.10	-207.21	-326.03	-2151.47	-242.29	707.17	67.61
15635	0.57	9.89	-4.10	82.15	-211.08	-1852.19	-11.14	63.61	28.55
15636	1.70	9.88	-4.10	83.16	-212.55	-1855.41	-28.55	133.25	25.54
15637	2.84	9.86	-4.10	78.38	-215.57	-1855.11	-46.23	201.43	22.15
15638	3.96	9.83	-4.10	68.46	-220.17	-1851.85	-64.10	267.10	18.29
15639	5.08	9.80	-4.10	54.18	-226.21	-1846.54	-82.09	329.37	13.91
15640	6.20	9.76	-4.10	36.46	-233.50	-1840.25	-100.16	387.63	8.99
15641	7.31	9.71	-4.10	16.25	-241.84	-1834.08	-118.25	441.65	3.52
15642	8.42	9.66	-4.10	-5.53	-250.97	-1829.00	-136.27	491.55	-2.51

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]
15643	9.52	9.60	-4.10	-28.06	-260.61	-1825.73	-154.04	537.89	-9.08
15644	10.62	9.54	-4.10	-50.61	-270.31	-1824.56	-171.17	581.63	-16.07
15645	0.60	11.68	-4.10	27.09	-307.78	-2068.97	-20.15	70.91	157.13
15646	1.80	11.64	-4.10	26.75	-307.16	-2070.25	-42.20	144.91	151.47
15647	2.99	11.58	-4.10	20.17	-307.35	-2067.44	-64.25	216.73	143.32
15648	4.16	11.50	-4.10	8.16	-308.27	-2061.14	-86.03	285.06	133.00
15649	5.32	11.40	-4.10	-8.28	-309.78	-2052.26	-107.33	348.94	120.76
15650	6.47	11.28	-4.10	-28.01	-311.70	-2041.80	-128.03	407.78	106.83
15651	7.60	11.15	-4.10	-49.84	-313.78	-2030.77	-148.02	461.37	91.47
15652	8.72	10.99	-4.10	-72.59	-315.74	-2019.96	-167.15	509.92	74.93
15653	9.83	10.82	-4.10	-95.05	-317.23	-2009.81	-185.17	554.10	57.50
15654	10.92	10.63	-4.10	-115.94	-317.81	-2000.20	-201.58	595.27	39.65
15655	0.63	13.48	-4.10	-44.79	-422.41	-2313.06	-29.05	77.21	289.06
15656	1.88	13.42	-4.10	-46.67	-419.22	-2313.42	-55.42	153.39	280.75
15657	3.11	13.32	-4.10	-54.97	-415.66	-2309.00	-81.43	227.02	268.38
15658	4.33	13.19	-4.10	-68.74	-411.59	-2300.46	-106.58	296.63	252.26
15659	5.53	13.03	-4.10	-86.80	-406.87	-2288.62	-130.52	361.18	232.85
15660	6.70	12.83	-4.10	-107.82	-401.30	-2274.37	-153.01	420.06	210.70
15661	7.86	12.61	-4.10	-130.37	-394.64	-2258.54	-173.83	473.08	186.42
15662	8.99	12.35	-4.10	-152.87	-386.59	-2241.69	-192.75	520.58	160.68
15663	10.11	12.06	-4.10	-173.64	-376.74	-2223.89	-209.48	563.36	134.30
15664	11.19	11.74	-4.10	-190.71	-364.71	-2204.27	-223.62	602.60	107.90
15665	0.65	15.28	-4.10	-135.71	-552.85	-2608.74	-37.95	81.89	418.42
15666	1.95	15.20	-4.10	-139.20	-546.94	-2608.70	-67.69	158.49	408.61
15667	3.22	15.07	-4.10	-148.71	-538.62	-2603.31	-96.57	232.38	393.40
15668	4.47	14.90	-4.10	-163.22	-527.82	-2592.97	-123.85	302.25	373.31
15669	5.71	14.67	-4.10	-181.39	-514.48	-2578.22	-148.98	367.11	349.11
15670	6.91	14.40	-4.10	-201.66	-498.51	-2559.56	-171.52	426.43	321.71
15671	8.09	14.08	-4.10	-222.29	-479.77	-2537.28	-191.13	480.22	292.18
15672	9.24	13.72	-4.10	-241.31	-458.07	-2511.18	-207.55	529.09	261.73
15673	10.36	13.31	-4.10	-256.51	-433.20	-2480.32	-220.59	574.28	231.79
15674	11.45	12.86	-4.10	-265.40	-404.77	-2442.67	-230.16	617.54	204.45
15675	0.67	17.07	-4.10	-240.36	-653.17	-2988.84	-46.96	85.95	594.18
15676	1.99	16.99	-4.10	-244.91	-644.34	-2987.79	-76.43	163.66	584.56
15677	3.30	16.84	-4.10	-253.70	-630.43	-2978.22	-104.60	239.53	569.82
15678	4.59	16.62	-4.10	-265.78	-611.67	-2960.10	-130.49	312.41	550.55
15679	5.85	16.34	-4.10	-279.74	-588.29	-2933.48	-153.40	381.61	527.46
15680	7.09	15.99	-4.10	-293.94	-560.62	-2898.25	-172.83	446.85	501.42
15681	8.29	15.58	-4.10	-306.54	-528.98	-2853.96	-188.54	508.32	473.36
15682	9.46	15.11	-4.10	-315.57	-493.72	-2799.64	-200.52	566.71	444.16
15683	10.60	14.58	-4.10	-319.04	-455.32	-2733.60	-209.08	623.20	414.75
15684	11.69	14.00	-4.10	-314.63	-414.01	-2653.40	-214.66	679.49	386.09
15685	0.68	18.88	-4.10	-285.77	-677.98	-3047.46	-56.77	91.84	1065.46
15686	2.02	18.79	-4.10	-290.92	-667.26	-3045.15	-83.21	187.53	1055.14
15687	3.36	18.61	-4.10	-298.18	-650.46	-3030.66	-108.25	281.70	1037.37
15688	4.68	18.35	-4.10	-306.74	-627.78	-3004.27	-131.11	373.36	1011.80
15689	5.97	18.01	-4.10	-315.58	-599.78	-2966.10	-151.16	461.59	978.62
15690	7.23	17.59	-4.10	-323.47	-567.16	-2916.19	-168.02	545.55	938.14
15691	8.47	17.09	-4.10	-329.08	-530.66	-2854.39	-181.65	624.54	890.66
15692	9.66	16.51	-4.10	-331.07	-491.02	-2780.36	-192.28	697.99	836.41
15693	10.81	15.87	-4.10	-328.09	-449.01	-2693.32	-200.47	765.54	775.49
15694	11.91	15.15	-4.10	-319.04	-405.72	-2591.96	-207.08	827.24	708.18
15695	16.80	9.56	-4.10	-109.11	-224.13	-1682.25	-223.78	987.29	136.99
15696	16.19	10.65	-4.10	-149.90	-228.78	-1898.79	-247.00	985.84	226.37
15697	15.52	11.69	-4.10	-210.32	-243.63	-2072.10	-240.66	976.09	342.27
15698	15.79	9.48	-4.10	-119.62	-274.06	-1839.69	-218.17	856.51	38.18
15699	15.37	10.42	-4.10	-166.56	-274.11	-2037.93	-236.71	849.15	102.64
15700	14.91	11.34	-4.10	-214.94	-279.95	-2203.01	-234.20	847.95	198.91
15701	14.78	9.40	-4.10	-122.02	-295.36	-1855.44	-218.22	765.63	-13.50
15702	14.55	10.21	-4.10	-168.64	-302.95	-2022.16	-237.87	758.31	30.56
15703	14.30	11.00	-4.10	-212.15	-310.13	-2179.58	-241.93	751.70	99.36
15704	12.93	14.37	-4.10	-304.02	-363.35	-2480.95	-213.96	881.33	636.28
15705	12.65	13.39	-4.10	-301.21	-374.38	-2563.07	-218.52	731.03	357.34
15706	12.36	12.43	-4.10	-265.89	-377.47	-2400.38	-235.75	656.61	183.61
15707	13.86	13.54	-4.10	-282.52	-320.80	-2360.14	-221.50	921.11	552.82
15708	13.48	12.78	-4.10	-281.40	-337.88	-2461.81	-222.51	777.20	320.69
15709	13.10	12.03	-4.10	-258.37	-352.46	-2351.83	-238.20	694.48	164.07
15710	14.74	12.66	-4.10	-251.06	-279.05	-2222.30	-230.03	954.19	461.76
15711	14.28	12.13	-4.10	-253.38	-302.08	-2341.22	-227.46	822.33	281.46
15712	13.81	11.61	-4.10	-242.88	-327.77	-2289.76	-239.50	734.01	142.33
15713	11.69	9.49	-2.70	-178.92	-428.99	-1960.66	-273.38	719.20	84.92
15714	12.72	9.44	-2.70	-216.89	-455.43	-1962.85	-307.91	772.02	79.98
15715	13.76	9.39	-2.70	-262.08	-488.22	-1968.68	-347.00	829.11	74.13
15716	11.91	10.47	-2.70	-281.77	-505.25	-2140.02	-325.08	737.52	145.78
15717	12.81	10.33	-2.70	-322.40	-522.56	-2140.56	-359.55	780.04	132.14
15718	13.70	10.18	-2.70	-367.81	-543.45	-2144.83	-397.49	821.66	117.57
15719	12.11	11.46	-2.70	-411.34	-599.79	-2352.98	-374.26	747.10	220.02
15720	12.88	11.21	-2.70	-449.12	-603.48	-2345.12	-402.93	780.38	196.81
15721	13.63	10.96	-2.70	-490.30	-609.37	-2340.01	-434.44	815.96	180.09
15722	0.57	9.89	-2.70	27.28	-321.24	-2054.46	-21.42	65.44	132.35
15723	1.70	9.88	-2.70	28.02	-322.76	-2056.15	-43.21	147.15	129.84
15724	2.84	9.86	-2.70	21.77	-326.44	-2051.75	-65.39	226.85	126.72
15725	3.96	9.83	-2.70	9.27	-332.26	-2042.27	-88.02	303.20	123.06
15726	5.08	9.80	-2.70	-8.57	-340.09	-2029.08	-111.19	375.15	118.91
15727	6.20	9.76	-2.70	-30.69	-349.84	-2013.80	-135.02	442.05	114.32
15728	7.31	9.71	-2.70	-56.06	-361.46	-1998.18	-159.72	503.85	109.35
15729	8.42	9.66	-2.70	-83.77	-374.96	-1983.84	-185.55	561.07	104.02
15730	9.52	9.60	-2.70	-113.23	-390.50	-1972.08	-212.87	614.93	98.33
15731	10.62	9.54	-2.70	-144.50	-408.32	-1963.68	-242.13	667.27	92.16
15732	0.60	11.68	-2.70	-39.73	-450.81	-2275.68	-30.79	75.60	286.83
15733	1.80	11.64	-2.70	-40.63	-450.10	-2275.36	-59.07	162.91	281.06
15734	2.99	11.58	-2.70	-49.36	-450.84	-2268.34	-87.38	247.39	272.54
15735	4.16	11.50	-2.70	-64.99	-452.96	-2255.78	-115.65	327.50	261.67
15736	5.32	11.40	-2.70	-86.41	-456.37	-2239.07	-143.87	402.11	248.82
15737	6.47	11.28	-2.70	-112.42	-461.02	-2219.87	-172.16	470.63	234.31
15738	7.60	11.15	-2.70	-141.92	-466.89	-2199.83	-200.77	533.02	218.46
15739	8.72	10.99	-2.70	-173.96	-474.03	-2180.43	-230.08	589.83	201.50
15740	9.83	10.82	-2.70	-207.89	-482.57	-2162.80	-260.53	642.17	183.48
15741	10.92	10.63	-2.70	-243.60	-492.75	-2147.64	-292.55	691.84	164.31



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]
15742	0.63	13.48	-2.70	-130.37	-617.31	-2525.54	-40.55	85.11	448.22
15743	1.88	13.42	-2.70	-133.34	-613.97	-2524.34	-75.78	176.13	439.60
15744	3.11	13.32	-2.70	-144.87	-611.04	-2516.04	-110.63	263.88	426.39
15745	4.33	13.19	-2.70	-163.91	-608.44	-2501.73	-144.88	346.72	409.12
15746	5.53	13.03	-2.70	-189.27	-606.14	-2482.74	-178.45	423.43	388.37
15747	6.70	12.83	-2.70	-219.74	-604.12	-2460.59	-211.38	493.35	364.72
15748	7.86	12.61	-2.70	-254.19	-602.40	-2436.84	-243.93	556.34	338.74
15749	8.99	12.35	-2.70	-291.67	-601.01	-2412.86	-276.48	612.77	310.84
15750	10.11	12.06	-2.70	-331.44	-600.07	-2389.75	-309.55	663.42	281.27
15751	11.19	11.74	-2.70	-372.84	-599.56	-2368.20	-343.43	709.14	249.72
15752	0.65	15.28	-2.70	-250.86	-842.80	-2813.86	-51.71	94.51	626.11
15753	1.95	15.20	-2.70	-256.45	-836.68	-2812.57	-95.06	187.98	615.44
15754	3.22	15.07	-2.70	-271.18	-829.37	-2804.17	-137.62	278.03	598.26
15755	4.47	14.90	-2.70	-294.00	-820.90	-2789.57	-178.94	363.04	575.22
15756	5.71	14.67	-2.70	-323.76	-811.30	-2769.93	-218.75	441.69	547.03
15757	6.91	14.40	-2.70	-359.24	-800.58	-2746.66	-256.94	513.17	514.48
15758	8.09	14.08	-2.70	-399.27	-788.76	-2721.19	-293.59	577.11	478.33
15759	9.24	13.72	-2.70	-442.78	-775.84	-2694.84	-328.96	633.65	439.34
15760	10.36	13.31	-2.70	-488.80	-761.77	-2668.67	-363.39	683.18	398.22
15761	11.45	12.86	-2.70	-536.30	-746.75	-2643.17	-397.21	726.27	356.22
15762	0.67	17.07	-2.70	-433.89	-1178.94	-3283.54	-66.61	104.97	802.16
15763	1.99	16.99	-2.70	-442.62	-1169.33	-3283.08	-120.30	199.03	790.18
15764	3.30	16.84	-2.70	-460.95	-1156.00	-3275.63	-172.77	290.32	770.01
15765	4.59	16.62	-2.70	-487.80	-1139.09	-3261.36	-223.10	376.78	742.63
15766	5.85	16.34	-2.70	-521.94	-1118.58	-3240.97	-270.74	457.10	708.96
15767	7.09	15.99	-2.70	-562.00	-1094.55	-3215.14	-315.29	530.41	670.08
15768	8.29	15.58	-2.70	-606.51	-1067.01	-3184.41	-356.54	596.30	627.25
15769	9.46	15.11	-2.70	-653.94	-1035.94	-3149.05	-394.44	654.96	581.79
15770	10.60	14.58	-2.70	-702.77	-1001.27	-3108.44	-429.19	707.33	535.34
15771	11.69	14.00	-2.70	-751.02	-963.04	-3062.03	-460.88	753.97	489.79
15772	0.68	18.88	-2.70	-693.45	-1836.89	-3709.42	-102.73	116.35	1241.07
15773	2.02	18.79	-2.70	-707.96	-1818.96	-3707.80	-181.36	221.57	1229.36
15774	3.36	18.61	-2.70	-732.08	-1790.10	-3693.71	-257.24	324.61	1210.11
15775	4.68	18.35	-2.70	-764.72	-1749.90	-3667.49	-328.82	424.53	1182.88
15776	5.97	18.01	-2.70	-804.32	-1698.93	-3629.26	-394.69	520.28	1148.25
15777	7.23	17.59	-2.70	-849.01	-1637.87	-3579.15	-453.72	611.07	1106.97
15778	8.47	17.09	-2.70	-896.63	-1567.49	-3517.12	-505.03	696.37	1059.85
15779	9.66	16.51	-2.70	-944.75	-1488.65	-3442.86	-548.08	775.97	1007.71
15780	10.81	15.87	-2.70	-990.67	-1402.01	-3355.58	-582.62	850.01	951.13
15781	11.91	15.15	-2.70	-1031.86	-1309.23	-3253.37	-609.51	920.45	891.83
15782	16.80	9.56	-2.70	-574.24	-650.95	-2070.64	-638.67	1125.51	221.34
15783	16.19	10.65	-2.70	-888.47	-721.59	-2413.72	-632.69	1067.41	357.26
15784	15.52	11.69	-2.70	-1012.65	-858.49	-2662.59	-633.86	1087.13	522.13
15785	15.79	9.48	-2.70	-427.31	-601.92	-2091.10	-487.43	970.48	75.68
15786	15.37	10.42	-2.70	-622.61	-643.81	-2407.35	-527.17	899.97	155.73
15787	14.91	11.34	-2.70	-769.19	-735.92	-2667.45	-530.79	880.36	271.92
15788	14.78	9.40	-2.70	-331.60	-537.34	-2001.88	-401.93	895.37	73.70
15789	14.55	10.21	-2.70	-458.83	-583.26	-2214.47	-453.04	867.54	118.66
15790	14.30	11.00	-2.70	-583.77	-647.26	-2433.62	-477.20	838.64	192.76
15791	12.93	14.37	-2.70	-1062.53	-1211.38	-3136.68	-628.08	987.19	829.20
15792	12.65	13.39	-2.70	-787.59	-920.32	-3003.97	-486.22	792.19	447.05
15793	12.36	12.43	-2.70	-577.16	-731.68	-2617.49	-425.81	761.28	319.72
15794	13.86	13.54	-2.70	-1074.05	-1103.92	-3003.10	-636.13	1033.60	752.17
15795	13.48	12.78	-2.70	-810.32	-870.96	-2929.05	-505.93	827.52	400.38
15796	13.10	12.03	-2.70	-607.24	-714.39	-2590.05	-448.91	791.02	284.73
15797	14.74	12.66	-2.70	-1066.54	-992.22	-2847.40	-640.17	1070.87	666.47
15798	14.28	12.13	-2.70	-823.45	-818.37	-2836.24	-525.12	862.21	356.43
15799	13.81	11.61	-2.70	-632.96	-696.64	-2559.77	-471.47	818.93	245.60
15800	-11.68	9.51	-2.70	-394.19	-465.96	-1869.09	180.43	-534.59	149.31
15801	-12.72	9.46	-2.70	-465.04	-502.85	-1898.14	200.62	-552.78	160.97
15802	-13.75	9.41	-2.70	-548.19	-548.03	-1951.76	223.94	-569.59	176.02
15803	-11.88	10.52	-2.70	-463.51	-559.24	-2045.66	210.58	-553.83	226.29
15804	-12.79	10.37	-2.70	-527.66	-588.33	-2066.25	229.52	-571.23	229.60
15805	-13.68	10.21	-2.70	-599.31	-623.88	-2104.88	249.88	-584.97	235.90
15806	-12.07	11.53	-2.70	-547.02	-673.86	-2249.68	246.32	-571.24	310.30
15807	-12.84	11.27	-2.70	-600.59	-689.30	-2255.04	261.74	-588.27	301.94
15808	-13.60	11.00	-2.70	-660.05	-711.63	-2272.67	279.21	-606.04	302.52
15809	-0.57	9.91	-2.70	19.07	-322.05	-2048.99	-0.20	-16.55	134.60
15810	-1.70	9.91	-2.70	3.32	-324.96	-2036.94	19.87	-94.57	136.10
15811	-2.83	9.90	-2.70	-19.09	-329.86	-2016.81	39.37	-169.27	136.21
15812	-3.95	9.88	-2.70	-47.91	-337.12	-1991.17	58.22	-239.00	135.73
15813	-5.07	9.84	-2.70	-82.66	-346.79	-1962.36	76.42	-302.51	135.08
15814	-6.18	9.80	-2.70	-122.78	-358.95	-1932.79	94.02	-358.96	134.66
15815	-7.30	9.75	-2.70	-167.71	-373.72	-1904.98	111.15	-407.91	134.82
15816	-8.41	9.70	-2.70	-217.09	-391.35	-1881.58	128.01	-449.34	135.96
15817	-9.51	9.64	-2.70	-270.90	-412.22	-1865.39	144.90	-483.69	138.50
15818	-10.61	9.57	-2.70	-329.69	-436.89	-1859.55	162.28	-511.79	142.89
15819	-0.59	11.71	-2.70	-46.98	-453.48	-2270.30	-3.37	-10.98	290.19
15820	-1.77	11.71	-2.70	-62.46	-457.36	-2256.08	23.24	-94.84	290.81
15821	-2.95	11.68	-2.70	-85.09	-461.43	-2234.44	48.79	-174.54	287.62
15822	-4.11	11.61	-2.70	-114.49	-466.35	-2206.77	73.00	-248.46	281.63
15823	-5.27	11.51	-2.70	-150.05	-472.60	-2175.11	95.78	-315.39	273.64
15824	-6.41	11.39	-2.70	-191.09	-480.51	-2141.77	117.14	-374.54	264.43
15825	-7.55	11.25	-2.70	-236.98	-490.44	-2109.23	137.25	-425.51	254.75
15826	-8.67	11.09	-2.70	-287.28	-502.80	-2080.08	156.35	-468.35	245.34
15827	-9.78	10.90	-2.70	-341.87	-518.07	-2057.09	174.79	-503.48	236.86
15828	-10.88	10.70	-2.70	-401.13	-536.84	-2043.35	192.93	-531.90	229.94
15829	-0.61	13.51	-2.70	-136.10	-621.03	-2520.28	-6.13	-5.20	452.23
15830	-1.83	13.49	-2.70	-150.39	-624.35	-2505.78	27.05	-92.28	451.27
15831	-3.05	13.43	-2.70	-172.30	-626.75	-2483.14	59.01	-175.46	444.82
15832	-4.25	13.31	-2.70	-201.39	-628.72	-2453.75	89.23	-252.87	433.70
15833	-5.44	13.16	-2.70	-236.98	-630.80	-2419.54	117.42	-323.14	418.93
15834	-6.62	12.97	-2.70	-278.31	-633.50	-2382.66	143.49	-385.38	401.53
15835	-7.78	12.73	-2.70	-324.70	-637.36	-2345.45	167.52	-439.14	382.55
15836	-8.92	12.46	-2.70	-375.62	-642.92	-2310.46	189.76	-484.38	362.98
15837	-10.04	12.16	-2.70	-430.83	-650.85	-2280.36	210.59	-521.38	343.78
15838	-11.14	11.82	-2.70	-490.21	-661.66	-2258.21	230.12	-550.49	325.44
15839	-0.63	15.30	-2.70	-254.49	-847.37	-2807.78	-9.08	1.61	630.15
15840	-1.89	15.26	-2.70	-266.95	-849.45	-2792.33	32.21	-88.04	627.04

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]
15841	-3.14	15.16	-2.70	-287.53	-849.03	-2768.96	72.08	-174.10	616.87
15842	-4.39	15.01	-2.70	-315.76	-846.60	-2738.65	109.81	-254.63	600.45
15843	-5.61	14.79	-2.70	-350.95	-842.73	-2703.09	144.93	-328.23	578.81
15844	-6.82	14.52	-2.70	-392.28	-838.07	-2664.22	177.13	-393.88	553.07
15845	-8.00	14.20	-2.70	-438.96	-833.25	-2624.19	206.35	-451.02	524.43
15846	-9.16	13.83	-2.70	-490.35	-828.94	-2585.35	232.70	-499.51	494.15
15847	-10.30	13.41	-2.70	-545.94	-825.82	-2550.19	256.40	-539.52	463.52
15848	-11.40	12.94	-2.70	-605.30	-825.09	-2521.27	277.75	-571.44	434.51
15849	-0.65	17.09	-2.70	-434.76	-1183.73	-3278.08	-13.58	11.00	806.12
15850	-1.95	17.03	-2.70	-444.88	-1182.86	-3263.94	38.50	-80.68	801.67
15851	-3.24	16.90	-2.70	-463.47	-1177.30	-3240.38	88.74	-168.91	789.00
15852	-4.52	16.69	-2.70	-490.02	-1167.40	-3208.55	136.34	-252.21	768.67
15853	-5.78	16.42	-2.70	-523.76	-1153.77	-3169.69	180.56	-329.17	741.84
15854	-7.01	16.08	-2.70	-563.74	-1137.09	-3125.19	220.86	-398.81	709.85
15855	-8.22	15.66	-2.70	-608.95	-1118.04	-3076.53	256.91	-460.61	674.23
15856	-9.40	15.19	-2.70	-658.36	-1097.29	-3025.11	288.58	-514.59	636.65
15857	-10.54	14.65	-2.70	-711.11	-1075.52	-2971.91	315.99	-561.60	599.07
15858	-11.65	14.06	-2.70	-766.13	-1053.47	-2918.57	339.28	-602.18	563.80
15859	-0.67	18.88	-2.70	-688.66	-1844.04	-3695.96	-23.52	10.60	1245.39
15860	-2.01	18.80	-2.70	-693.49	-1837.77	-3667.63	54.82	-93.84	1239.08
15861	-3.33	18.63	-2.70	-708.00	-1818.48	-3628.40	130.78	-196.06	1223.06
15862	-4.65	18.38	-2.70	-731.41	-1787.21	-3578.52	202.54	-294.64	1198.55
15863	-5.94	18.04	-2.70	-762.60	-1745.00	-3518.52	268.56	-388.50	1166.43
15864	-7.20	17.62	-2.70	-800.13	-1693.08	-3448.95	327.56	-476.85	1127.77
15865	-8.44	17.12	-2.70	-842.37	-1632.86	-3370.34	378.54	-559.21	1083.68
15866	-9.63	16.54	-2.70	-887.54	-1565.77	-3283.16	420.86	-635.43	1035.34
15867	-10.79	15.89	-2.70	-933.77	-1493.12	-3187.68	454.15	-705.79	983.75
15868	-11.89	15.17	-2.70	-979.70	-1417.05	-3083.44	479.08	-772.43	931.02
15869	-16.80	9.56	-2.70	-1021.65	-845.15	-2299.54	397.21	-843.09	411.87
15870	-16.19	10.65	-2.70	-1056.62	-949.73	-2449.01	436.62	-890.87	514.36
15871	-15.52	11.70	-2.70	-1081.59	-1061.13	-2592.34	472.85	-928.00	627.58
15872	-15.78	9.49	-2.70	-802.41	-714.09	-2264.50	299.54	-629.98	253.61
15873	-15.36	10.44	-2.70	-845.43	-803.11	-2437.90	329.56	-658.13	328.02
15874	-14.89	11.37	-2.70	-888.13	-901.23	-2609.16	359.90	-688.36	411.01
15875	-14.77	9.41	-2.70	-658.21	-614.58	-2056.94	256.19	-594.31	204.62
15876	-14.54	10.23	-2.70	-702.65	-690.70	-2214.23	281.77	-612.04	264.32
15877	-14.28	11.03	-2.70	-747.86	-775.24	-2381.44	307.62	-625.25	330.12
15878	-12.92	14.39	-2.70	-1021.21	-1338.68	-2972.13	495.11	-835.50	877.34
15879	-12.62	13.44	-2.70	-813.79	-1028.96	-2861.86	355.84	-634.26	532.54
15880	-12.32	12.50	-2.70	-659.24	-825.23	-2498.90	294.36	-595.13	411.63
15881	-13.85	13.56	-2.70	-1052.93	-1253.55	-2853.94	498.58	-879.52	812.82
15882	-13.46	12.82	-2.70	-853.29	-998.56	-2798.29	365.90	-662.67	499.08
15883	-13.06	12.09	-2.70	-704.42	-822.52	-2481.93	306.39	-614.13	390.47
15884	-14.74	12.67	-2.70	-1077.95	-1167.76	-2727.33	494.64	-915.71	744.09
15885	-14.26	12.16	-2.70	-891.03	-968.76	-2729.74	372.56	-689.33	471.25
15886	-13.79	11.65	-2.70	-750.09	-819.23	-2471.34	315.79	-629.58	367.42
15887	-11.69	9.52	-4.10	-246.02	-306.78	-1759.92	130.07	-434.91	43.72
15888	-12.73	9.47	-4.10	-285.05	-323.60	-1790.53	135.16	-446.76	52.37
15889	-13.76	9.41	-4.10	-319.13	-339.46	-1836.62	136.86	-459.89	65.38
15890	-11.92	10.55	-4.10	-283.15	-360.93	-1927.45	140.71	-448.61	106.78
15891	-12.82	10.39	-4.10	-311.61	-367.90	-1944.20	142.41	-462.45	109.93
15892	-13.70	10.23	-4.10	-334.32	-373.36	-1969.95	140.69	-476.40	118.34
15893	-12.12	11.56	-4.10	-317.85	-413.93	-2111.33	146.61	-463.33	177.43
15894	-12.88	11.30	-4.10	-334.54	-409.89	-2107.58	145.15	-481.23	173.25
15895	-13.63	11.02	-4.10	-346.06	-404.67	-2105.57	141.32	-504.43	181.18
15896	-0.58	9.92	-4.10	74.58	-212.30	-1850.29	6.20	-8.56	33.14
15897	-1.72	9.95	-4.10	60.02	-215.18	-1845.13	22.46	-74.18	36.71
15898	-2.86	9.95	-4.10	40.57	-218.99	-1832.03	38.24	-137.06	37.69
15899	-3.99	9.92	-4.10	16.17	-224.45	-1814.56	53.24	-195.71	37.61
15900	-5.11	9.89	-4.10	-12.82	-231.61	-1795.18	67.37	-249.01	37.11
15901	-6.22	9.84	-4.10	-45.85	-240.46	-1776.04	80.58	-296.20	36.59
15902	-7.33	9.79	-4.10	-82.24	-250.94	-1759.22	92.84	-336.79	36.34
15903	-8.43	9.72	-4.10	-121.30	-263.01	-1746.83	104.08	-370.61	36.65
15904	-9.53	9.66	-4.10	-162.26	-276.54	-1741.05	114.21	-397.80	37.81
15905	-10.63	9.58	-4.10	-204.30	-291.30	-1744.17	123.04	-418.94	40.17
15906	-0.61	11.75	-4.10	19.66	-311.99	-2069.59	1.48	-2.80	163.57
15907	-1.82	11.80	-4.10	4.32	-318.07	-2065.36	23.13	-75.65	169.00
15908	-3.02	11.78	-4.10	-15.62	-322.09	-2052.06	43.68	-143.59	168.38
15909	-4.19	11.72	-4.10	-40.26	-325.38	-2033.01	62.65	-205.75	163.83
15910	-5.35	11.61	-4.10	-69.15	-328.74	-2010.60	79.86	-261.38	156.65
15911	-6.49	11.48	-4.10	-101.58	-332.56	-1987.05	95.21	-309.92	147.83
15912	-7.62	11.33	-4.10	-136.76	-337.05	-1964.45	108.63	-351.10	138.17
15913	-8.74	11.15	-4.10	-173.76	-342.27	-1944.89	120.09	-384.93	128.42
15914	-9.84	10.95	-4.10	-211.59	-348.15	-1930.39	129.46	-411.78	119.25
15915	-10.93	10.74	-4.10	-249.06	-354.47	-1922.88	136.49	-432.71	111.48
15916	-0.63	13.54	-4.10	-50.78	-427.32	-2313.45	-2.96	1.16	295.47
15917	-1.87	13.57	-4.10	-64.77	-432.58	-2309.23	22.67	-73.07	298.81
15918	-3.11	13.53	-4.10	-83.54	-435.06	-2295.79	47.01	-143.13	295.51
15919	-4.33	13.43	-4.10	-106.90	-435.46	-2275.52	69.44	-207.61	286.80
15920	-5.53	13.27	-4.10	-134.23	-434.39	-2250.53	89.48	-265.43	273.94
15921	-6.71	13.07	-4.10	-164.63	-432.32	-2222.86	106.81	-315.93	258.16
15922	-7.86	12.82	-4.10	-197.05	-429.59	-2194.47	121.24	-358.88	240.63
15923	-9.00	12.54	-4.10	-230.31	-426.37	-2167.22	132.62	-394.43	222.55
15924	-10.11	12.22	-4.10	-263.05	-422.65	-2142.81	140.78	-423.18	205.21
15925	-11.20	11.87	-4.10	-293.69	-418.30	-2122.56	145.54	-445.99	189.56
15926	-0.64	15.32	-4.10	-139.60	-557.65	-2608.40	-8.59	5.50	424.30
15927	-1.92	15.32	-4.10	-150.86	-560.34	-2603.32	20.22	-68.86	425.43
15928	-3.19	15.25	-4.10	-166.70	-558.99	-2588.83	47.43	-139.62	419.55
15929	-4.44	15.10	-4.10	-186.72	-554.11	-2566.53	72.27	-205.46	407.68
15930	-5.68	14.89	-4.10	-210.11	-546.20	-2537.96	94.09	-265.32	391.04
15931	-6.89	14.61	-4.10	-235.78	-535.72	-2504.65	112.39	-318.59	370.98
15932	-8.07	14.28	-4.10	-262.42	-523.09	-2467.99	126.81	-365.16	348.96
15933	-9.23	13.90	-4.10	-288.56	-508.62	-2429.14	137.12	-405.45	326.57
15934	-10.35	13.47	-4.10	-312.49	-492.48	-2388.85	143.18	-440.46	305.57
15935	-11.45	12.99	-4.10	-332.32	-474.69	-2347.28	145.02	-471.64	288.39
15936	-0.66	17.10	-4.10	-241.06	-657.37	-2984.52	-17.54	8.08	600.74
15937	-1.97	17.07	-4.10	-247.17	-656.54	-2971.72	11.12	-68.66	602.97
15938	-3.27	16.95	-4.10	-256.83	-650.32	-2947.67	38.12	-142.94	598.18
15939	-4.55	16.76	-4.10	-269.46	-639.11	-2913.50	62.58	-213.71	587.21

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]
15940	-5.82	16.48	-4.10	-284.22	-623.40	-2870.01	83.75	-280.13	571.17
15941	-7.06	16.14	-4.10	-299.94	-603.82	-2817.99	101.06	-341.75	551.31
15942	-8.27	15.72	-4.10	-315.30	-581.00	-2758.05	114.18	-398.52	528.94
15943	-9.44	15.24	-4.10	-328.89	-555.58	-2690.51	122.98	-450.87	505.37
15944	-10.58	14.69	-4.10	-339.34	-528.23	-2615.29	127.62	-499.69	481.95
15945	-11.68	14.09	-4.10	-345.07	-499.22	-2531.97	128.47	-546.46	460.19
15946	-0.67	18.89	-4.10	-283.09	-682.91	-3035.96	-29.54	-2.43	1069.72
15947	-2.01	18.81	-4.10	-283.16	-681.64	-3010.99	-2.61	-98.13	1065.43
15948	-3.34	18.65	-4.10	-285.80	-674.07	-2975.59	23.02	-191.72	1051.39
15949	-4.66	18.40	-4.10	-290.59	-660.59	-2930.01	46.60	-281.88	1028.44
15950	-5.95	18.06	-4.10	-296.84	-641.85	-2874.55	67.47	-367.48	997.31
15951	-7.22	17.64	-4.10	-303.73	-618.68	-2809.58	85.10	-447.59	958.82
15952	-8.45	17.14	-4.10	-310.36	-591.96	-2735.44	99.19	-521.43	913.79
15953	-9.65	16.56	-4.10	-315.84	-562.59	-2652.44	109.71	-588.42	863.01
15954	-10.80	15.91	-4.10	-319.37	-531.53	-2560.65	116.87	-648.23	807.20
15955	-11.91	15.18	-4.10	-320.57	-499.85	-2459.90	121.11	-700.90	747.27
15956	-16.80	9.56	-4.10	-312.31	-332.84	-1829.71	118.11	-741.80	280.89
15957	-16.19	10.66	-4.10	-313.82	-357.68	-1935.00	121.77	-774.02	364.82
15958	-15.52	11.71	-4.10	-314.35	-382.17	-2033.72	123.69	-795.59	453.97
15959	-15.79	9.49	-4.10	-334.64	-353.81	-1954.70	120.47	-580.20	166.47
15960	-15.37	10.45	-4.10	-335.13	-377.18	-2066.06	121.29	-617.43	239.72
15961	-14.91	11.38	-4.10	-334.07	-398.61	-2165.52	120.79	-653.13	321.30
15962	-14.78	9.42	-4.10	-341.97	-353.73	-1908.35	132.87	-494.14	97.40
15963	-14.55	10.24	-4.10	-347.50	-380.71	-2029.77	134.24	-519.94	154.66
15964	-14.30	11.05	-4.10	-349.69	-404.81	-2145.26	133.16	-544.79	221.24
15965	-12.93	14.40	-4.10	-320.22	-469.56	-2355.68	124.11	-744.77	686.10
15966	-12.65	13.47	-4.10	-345.14	-471.66	-2446.13	127.03	-587.19	439.68
15967	-12.36	12.53	-4.10	-344.85	-457.82	-2307.74	143.58	-498.38	277.48
15968	-13.86	13.57	-4.10	-319.08	-439.33	-2249.85	125.32	-773.29	617.12
15969	-13.48	12.84	-4.10	-342.77	-445.76	-2358.17	124.70	-620.80	413.02
15970	-13.10	12.11	-4.10	-350.50	-441.55	-2268.63	140.05	-524.11	267.24
15971	-14.74	12.68	-4.10	-315.59	-409.73	-2138.30	124.85	-792.76	545.42
15972	-14.28	12.17	-4.10	-337.32	-420.32	-2261.88	121.63	-650.83	386.48
15973	-13.81	11.67	-4.10	-351.47	-423.99	-2224.43	134.91	-549.35	255.32
15974	-11.71	9.53	-5.50	-70.80	-106.27	-1654.82	73.06	-391.46	1.01
15975	-12.74	9.47	-5.50	-84.95	-107.68	-1677.61	67.28	-415.54	19.62
15976	-13.77	9.42	-5.50	-89.85	-105.20	-1700.60	57.98	-448.96	46.52
15977	-11.96	10.58	-5.50	-80.17	-121.87	-1802.40	69.03	-419.42	74.98
15978	-12.84	10.41	-5.50	-86.74	-116.89	-1803.85	62.11	-446.87	89.32
15979	-13.73	10.24	-5.50	-86.81	-109.53	-1800.43	53.39	-479.98	110.73
15980	-12.16	11.60	-5.50	-82.84	-127.52	-1945.02	59.79	-456.27	165.67
15981	-12.92	11.33	-5.50	-83.95	-118.93	-1920.55	53.85	-486.12	171.20
15982	-13.66	11.04	-5.50	-81.91	-109.62	-1888.18	47.99	-522.24	186.86
15983	-0.59	9.94	-5.50	156.50	-62.07	-1679.40	13.79	-3.58	-39.11
15984	-1.75	10.00	-5.50	143.79	-64.14	-1680.30	25.18	-59.11	-33.78
15985	-2.89	10.00	-5.50	127.48	-66.59	-1673.30	36.10	-112.73	-31.58
15986	-4.03	9.97	-5.50	107.58	-70.05	-1662.69	46.12	-163.00	-30.37
15987	-5.15	9.93	-5.50	84.45	-74.48	-1651.08	55.06	-209.03	-29.33
15988	-6.26	9.88	-5.50	58.72	-79.74	-1640.43	62.74	-250.30	-27.96
15989	-7.36	9.82	-5.50	31.26	-85.59	-1632.42	68.95	-286.56	-25.82
15990	-8.46	9.75	-5.50	3.10	-91.70	-1628.61	73.45	-317.91	-22.47
15991	-9.56	9.68	-5.50	-24.45	-97.63	-1630.33	75.92	-344.90	-17.35
15992	-10.65	9.60	-5.50	-49.81	-102.77	-1638.57	75.94	-368.78	-9.67
15993	-0.63	11.78	-5.50	116.66	-122.16	-1895.46	7.86	2.30	80.11
15994	-1.87	11.88	-5.50	103.22	-127.09	-1900.26	22.70	-62.66	90.36
15995	-3.08	11.89	-5.50	86.78	-129.56	-1894.44	36.58	-122.64	93.21
15996	-4.27	11.82	-5.50	67.38	-130.62	-1882.67	48.77	-177.14	91.63
15997	-5.43	11.72	-5.50	45.49	-130.99	-1867.71	58.96	-226.01	87.54
15998	-6.58	11.57	-5.50	21.90	-130.96	-1851.64	66.98	-269.18	82.24
15999	-7.70	11.41	-5.50	-2.41	-130.60	-1836.14	72.65	-306.84	76.80
16000	-8.81	11.21	-5.50	-26.27	-129.77	-1822.57	75.82	-339.46	72.26
16001	-9.90	11.00	-5.50	-48.37	-128.22	-1811.85	76.32	-367.99	69.61
16002	-10.97	10.78	-5.50	-67.11	-125.62	-1804.17	73.97	-394.21	70.07
16003	-0.64	13.57	-5.50	68.51	-177.35	-2135.74	2.07	3.98	207.11
16004	-1.92	13.65	-5.50	56.72	-180.23	-2140.85	18.18	-62.75	216.16
16005	-3.17	13.63	-5.50	42.29	-180.35	-2135.19	32.95	-125.70	218.20
16006	-4.40	13.54	-5.50	25.43	-178.23	-2121.73	45.79	-183.79	214.84
16007	-5.61	13.38	-5.50	6.75	-174.30	-2102.72	56.20	-236.43	207.74
16008	-6.79	13.17	-5.50	-12.83	-168.93	-2079.94	63.87	-283.51	198.44
16009	-7.95	12.91	-5.50	-32.19	-162.37	-2054.76	68.61	-325.31	188.39
16010	-9.07	12.61	-5.50	-50.13	-154.77	-2028.09	70.34	-362.53	178.98
16011	-10.18	12.28	-5.50	-65.37	-146.14	-2000.24	69.11	-396.33	171.66
16012	-11.25	11.92	-5.50	-76.72	-136.59	-1970.76	65.23	-427.90	167.25
16013	-0.65	15.34	-5.50	16.37	-206.76	-2410.23	-4.76	4.83	358.45
16014	-1.95	15.38	-5.50	8.37	-206.27	-2410.12	10.30	-64.44	367.39
16015	-3.24	15.33	-5.50	-1.81	-202.94	-2398.93	23.85	-130.96	369.38
16016	-4.50	15.19	-5.50	-13.69	-197.09	-2378.28	35.41	-193.71	365.71
16017	-5.75	14.98	-5.50	-26.62	-189.09	-2349.53	44.53	-252.10	357.73
16018	-6.96	14.70	-5.50	-39.73	-179.35	-2313.77	50.93	-305.90	346.85
16019	-8.14	14.36	-5.50	-52.03	-168.30	-2271.79	54.53	-355.32	334.42
16020	-9.30	13.97	-5.50	-62.55	-156.35	-2223.93	55.45	-400.97	321.76
16021	-10.41	13.52	-5.50	-70.41	-143.91	-2170.00	54.04	-443.76	310.07
16022	-11.50	13.03	-5.50	-74.91	-131.01	-2109.14	50.87	-484.72	300.99
16023	-0.66	17.12	-5.50	-20.29	-184.72	-2643.02	-12.78	2.56	611.22
16024	-1.99	17.11	-5.50	-23.33	-183.91	-2628.41	-1.00	-74.86	619.47
16025	-3.30	17.01	-5.50	-27.86	-180.65	-2602.50	9.88	-150.52	619.79
16026	-4.59	16.82	-5.50	-33.56	-175.23	-2565.99	19.44	-223.26	613.12
16027	-5.86	16.55	-5.50	-39.98	-168.01	-2519.56	27.40	-292.29	600.45
16028	-7.10	16.20	-5.50	-46.60	-159.42	-2463.77	33.60	-357.06	582.80
16029	-8.31	15.78	-5.50	-52.86	-149.94	-2399.09	38.09	-417.27	561.15
16030	-9.49	15.29	-5.50	-58.34	-140.04	-2325.81	41.07	-472.84	536.35
16031	-10.62	14.73	-5.50	-62.79	-130.12	-2244.04	42.98	-523.86	509.15
16032	-11.72	14.12	-5.50	-66.29	-120.48	-2153.72	44.37	-570.60	480.30
16033	-0.67	18.89	-5.50	-13.16	-196.05	-2545.94	-17.41	-6.47	1012.72
16034	-2.02	18.83	-5.50	-13.77	-197.27	-2523.27	-3.29	-98.89	1008.90
16035	-3.35	18.67	-5.50	-16.41	-195.70	-2491.46	10.33	-188.97	994.89
16036	-4.67	18.42	-5.50	-20.89	-191.58	-2450.62	23.09	-275.35	971.34
16037	-5.97	18.09	-5.50	-26.91	-185.27	-2401.05	34.68	-356.84	939.01
16038	-7.24	17.66	-5.50	-34.12	-177.19	-2343.10	44.84	-432.35	898.75

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]
16039	-8.47	17.16	-5.50	-42.15	-167.77	-2277.17	53.42	-500.96	851.45
16040	-9.66	16.58	-5.50	-50.64	-157.43	-2203.69	60.36	-561.93	798.05
16041	-10.82	15.92	-5.50	-59.34	-146.54	-2123.09	65.72	-614.68	739.49
16042	-11.92	15.19	-5.50	-68.22	-135.63	-2035.85	69.73	-658.94	676.82
16043	-16.80	9.56	-5.50	-97.91	-72.56	-1522.06	55.07	-690.98	242.93
16044	-16.20	10.66	-5.50	-98.13	-81.43	-1604.90	61.93	-715.12	318.09
16045	-15.53	11.71	-5.50	-97.32	-91.46	-1683.27	68.58	-730.51	396.74
16046	-15.79	9.49	-5.50	-79.03	-83.05	-1668.08	40.82	-599.40	166.59
16047	-15.38	10.45	-5.50	-78.36	-86.95	-1743.76	43.31	-631.09	238.73
16048	-14.92	11.39	-5.50	-78.45	-91.80	-1809.80	46.90	-657.21	314.70
16049	-14.78	9.42	-5.50	-83.97	-96.34	-1711.38	46.10	-512.15	95.83
16050	-14.57	10.25	-5.50	-80.23	-98.61	-1792.56	44.09	-545.68	160.67
16051	-14.32	11.06	-5.50	-76.79	-99.63	-1861.65	42.88	-574.75	232.86
16052	-12.94	14.41	-5.50	-77.03	-125.18	-1947.47	72.68	-693.61	614.14
16053	-12.67	13.49	-5.50	-68.88	-112.17	-2064.33	45.77	-608.19	450.79
16054	-12.40	12.57	-5.50	-76.01	-119.86	-2049.44	47.49	-520.19	294.91
16055	-13.87	13.57	-5.50	-84.94	-113.92	-1859.37	73.49	-715.73	546.25
16056	-13.50	12.86	-5.50	-72.13	-104.71	-1977.94	47.16	-635.49	415.17
16057	-13.13	12.14	-5.50	-76.00	-111.21	-1991.62	44.88	-550.99	285.95
16058	-14.75	12.68	-5.50	-91.96	-102.83	-1767.79	72.83	-729.53	477.57
16059	-14.30	12.19	-5.50	-75.93	-97.80	-1886.81	48.57	-656.31	378.52
16060	-13.84	11.69	-5.50	-75.80	-103.22	-1926.93	43.27	-578.65	272.41
16061	-11.72	9.54	-6.90	90.48	93.26	-1527.63	34.21	-377.78	1.48
16062	-12.75	9.48	-6.90	82.26	94.44	-1535.03	26.86	-412.38	28.04
16063	-13.77	9.42	-6.90	77.85	97.76	-1531.62	19.31	-455.21	61.38
16064	-11.99	10.60	-6.90	91.56	96.70	-1643.89	28.81	-418.57	88.75
16065	-12.87	10.43	-6.90	86.01	99.55	-1627.72	23.22	-452.51	107.22
16066	-13.75	10.25	-6.90	81.89	102.83	-1600.67	18.50	-489.03	129.59
16067	-12.21	11.63	-6.90	94.90	104.72	-1738.48	23.79	-465.43	190.62
16068	-12.95	11.35	-6.90	90.00	106.81	-1700.77	20.95	-495.56	194.85
16069	-13.68	11.06	-6.90	84.37	108.05	-1655.04	19.74	-527.49	204.87
16070	-0.60	9.96	-6.90	261.42	116.51	-1525.17	22.52	-1.46	-79.88
16071	-1.77	10.04	-6.90	250.71	115.71	-1530.90	28.95	-49.03	-72.65
16072	-2.93	10.05	-6.90	237.24	114.26	-1528.55	34.94	-95.61	-68.79
16073	-4.06	10.02	-6.90	220.99	111.91	-1522.91	40.05	-139.84	-65.56
16074	-5.19	9.98	-6.90	202.36	108.88	-1516.59	44.06	-181.12	-61.98
16075	-6.30	9.92	-6.90	182.03	105.41	-1511.32	46.78	-219.20	-57.40
16076	-7.40	9.85	-6.90	160.86	101.80	-1508.34	47.98	-254.11	-51.24
16077	-8.49	9.78	-6.90	139.90	98.37	-1508.50	47.45	-286.27	-42.93
16078	-9.58	9.70	-6.90	120.32	95.52	-1512.10	45.00	-316.53	-31.80
16079	-10.67	9.61	-6.90	103.40	93.63	-1518.65	40.51	-346.42	-17.04
16080	-0.65	11.82	-6.90	237.19	91.08	-1731.49	16.03	4.77	39.61
16081	-1.92	11.97	-6.90	226.36	88.68	-1743.24	24.20	-55.34	56.03
16082	-3.15	11.99	-6.90	213.26	87.64	-1742.84	31.79	-110.73	63.54
16083	-4.35	11.93	-6.90	197.88	87.53	-1735.84	37.89	-161.07	66.10
16084	-5.52	11.82	-6.90	180.84	87.88	-1725.08	42.19	-206.75	66.22
16085	-6.66	11.66	-6.90	162.92	88.50	-1712.46	44.56	-248.20	65.57
16086	-7.78	11.48	-6.90	145.00	89.36	-1699.18	44.93	-285.94	65.40
16087	-8.88	11.28	-6.90	128.00	90.53	-1685.84	43.32	-320.73	66.79
16088	-9.96	11.05	-6.90	112.85	92.11	-1672.36	39.81	-353.61	70.66
16089	-11.02	10.81	-6.90	100.34	94.13	-1657.69	34.67	-386.17	77.83
16090	-0.66	13.60	-6.90	209.63	79.62	-1953.72	9.92	4.38	180.52
16091	-1.96	13.73	-6.90	200.47	79.77	-1964.54	18.08	-59.28	197.50
16092	-3.23	13.74	-6.90	189.63	80.97	-1963.01	25.15	-119.71	206.31
16093	-4.48	13.65	-6.90	177.06	83.01	-1952.27	30.79	-175.99	209.07
16094	-5.69	13.49	-6.90	163.31	85.74	-1934.58	34.64	-227.85	207.76
16095	-6.88	13.27	-6.90	149.11	88.91	-1911.54	36.56	-275.40	204.11
16096	-8.03	13.00	-6.90	135.22	92.32	-1884.16	36.55	-319.07	199.57
16097	-9.15	12.69	-6.90	122.36	95.78	-1852.84	34.78	-359.53	195.35
16098	-10.24	12.34	-6.90	111.09	99.14	-1817.37	31.61	-397.57	192.44
16099	-11.31	11.96	-6.90	101.68	102.18	-1776.93	27.62	-433.71	191.07
16100	-0.66	15.37	-6.90	184.62	91.47	-2175.26	3.48	2.96	365.39
16101	-1.98	15.44	-6.90	178.98	92.75	-2175.93	10.27	-66.00	381.99
16102	-3.28	15.41	-6.90	171.74	94.74	-2164.80	16.19	-132.72	390.20
16103	-4.56	15.29	-6.90	163.08	97.31	-2143.34	20.98	-196.14	391.49
16104	-5.81	15.08	-6.90	153.41	100.22	-2112.84	24.46	-255.70	387.31
16105	-7.03	14.79	-6.90	143.21	103.23	-2074.35	26.58	-311.07	379.00
16106	-8.21	14.44	-6.90	132.96	106.07	-2028.58	27.40	-362.23	367.76
16107	-9.36	14.04	-6.90	123.01	108.50	-1975.91	27.18	-409.34	354.61
16108	-10.47	13.58	-6.90	113.57	110.30	-1916.44	26.31	-452.63	340.36
16109	-11.55	13.08	-6.90	104.63	111.45	-1849.96	25.30	-492.20	326.13
16110	-0.67	17.13	-6.90	174.07	108.97	-2307.33	-2.24	-0.51	627.13
16111	-2.00	17.15	-6.90	171.58	107.80	-2291.94	4.24	-77.99	637.87
16112	-3.33	17.06	-6.90	167.38	107.41	-2266.37	10.56	-153.48	639.26
16113	-4.63	16.88	-6.90	161.47	107.61	-2231.12	16.40	-225.77	632.27
16114	-5.90	16.61	-6.90	154.08	108.22	-2186.83	21.55	-293.89	617.92
16115	-7.15	16.26	-6.90	145.49	109.03	-2134.14	25.89	-357.10	597.27
16116	-8.36	15.83	-6.90	135.97	109.83	-2073.62	29.41	-414.81	571.30
16117	-9.53	15.34	-6.90	125.73	110.42	-2005.79	32.15	-466.61	540.93
16118	-10.66	14.78	-6.90	114.88	110.69	-1931.19	34.30	-512.25	507.03
16119	-11.75	14.15	-6.90	103.43	110.53	-1850.35	36.05	-551.63	470.50
16120	-0.68	18.90	-6.90	185.42	64.81	-2199.69	-4.10	-6.40	927.01
16121	-2.02	18.84	-6.90	183.69	62.91	-2179.88	7.48	-91.90	923.21
16122	-3.36	18.69	-6.90	179.27	62.85	-2152.34	18.74	-174.80	909.54
16123	-4.68	18.44	-6.90	172.32	64.46	-2117.16	29.34	-253.89	886.65
16124	-5.98	18.11	-6.90	163.14	67.43	-2074.63	38.89	-328.05	855.31
16125	-7.25	17.69	-6.90	152.08	71.44	-2025.10	47.08	-396.25	816.40
16126	-8.49	17.18	-6.90	139.53	76.16	-1968.97	53.66	-457.63	770.88
16127	-9.68	16.60	-6.90	125.88	81.24	-1906.69	58.49	-511.49	719.73
16128	-10.83	15.94	-6.90	111.56	86.38	-1838.80	61.52	-557.33	663.94
16129	-11.93	15.20	-6.90	96.85	91.21	-1765.91	62.85	-594.96	604.56
16130	-16.80	9.56	-6.90	32.66	107.93	-1331.67	32.47	-623.13	214.11
16131	-16.20	10.66	-6.90	38.54	108.13	-1402.91	41.49	-642.14	280.46
16132	-15.53	11.71	-6.90	45.68	106.59	-1470.89	50.16	-653.57	349.38
16133	-15.80	9.49	-6.90	58.46	106.75	-1445.93	18.69	-574.55	163.77
16134	-15.39	10.46	-6.90	61.23	109.13	-1505.74	25.33	-597.91	229.01
16135	-14.94	11.40	-6.90	64.25	109.69	-1559.15	32.58	-615.26	295.74
16136	-14.79	9.43	-6.90	71.94	102.75	-1507.81	14.83	-514.93	109.15
16137	-14.59	10.26	-6.90	74.40	106.63	-1564.99	17.91	-543.44	171.83

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]
16138	-14.34	11.08	-6.90	76.77	109.43	-1612.46	22.43	-564.80	238.03
16139	-12.95	14.42	-6.90	82.54	95.39	-1692.25	62.77	-623.83	545.96
16140	-12.70	13.52	-6.90	92.72	110.16	-1772.32	37.25	-581.28	434.39
16141	-12.44	12.60	-6.90	97.13	111.93	-1786.75	24.76	-524.01	313.51
16142	-13.88	13.58	-6.90	69.19	99.70	-1618.78	60.59	-642.18	483.33
16143	-13.53	12.88	-6.90	82.43	110.16	-1698.82	37.49	-601.34	394.55
16144	-13.16	12.16	-6.90	89.90	111.67	-1728.43	24.62	-548.87	297.92
16145	-14.76	12.69	-6.90	56.81	103.47	-1542.61	56.88	-652.93	420.56
16146	-14.31	12.20	-6.90	71.98	109.90	-1622.71	37.12	-614.71	354.43
16147	-13.87	11.71	-6.90	81.76	111.03	-1666.00	24.93	-568.38	277.57
16148	-11.74	9.55	-8.30	229.65	279.66	-1384.31	15.64	-364.37	18.86
16149	-12.76	9.49	-8.30	216.20	275.89	-1380.44	10.46	-401.00	46.96
16150	-13.78	9.43	-8.30	202.31	272.49	-1364.83	6.78	-440.94	78.47
16151	-12.03	10.63	-8.30	230.67	287.36	-1472.41	15.94	-408.75	110.37
16152	-12.90	10.45	-8.30	218.07	283.26	-1448.69	13.06	-440.41	126.25
16153	-13.77	10.27	-8.30	204.61	278.74	-1416.16	11.52	-470.67	143.33
16154	-12.25	11.67	-8.30	230.66	293.09	-1537.36	19.47	-452.38	208.07
16155	-12.99	11.38	-8.30	218.56	288.60	-1499.43	18.29	-477.05	207.61
16156	-13.71	11.08	-8.30	205.10	283.06	-1456.37	18.38	-501.11	211.03
16157	-0.61	9.98	-8.30	386.35	313.77	-1380.10	31.93	-1.49	-93.70
16158	-1.80	10.08	-8.30	377.69	313.25	-1388.47	34.23	-42.53	-84.63
16159	-2.96	10.10	-8.30	366.24	311.51	-1388.93	36.07	-83.27	-78.88
16160	-4.10	10.07	-8.30	352.10	308.87	-1386.15	37.12	-122.62	-73.57
16161	-5.22	10.02	-8.30	335.73	305.49	-1382.66	37.29	-160.21	-67.51
16162	-6.33	9.96	-8.30	317.74	301.54	-1379.89	36.43	-195.99	-59.91
16163	-7.43	9.88	-8.30	298.86	297.19	-1378.66	34.43	-230.17	-50.16
16164	-8.52	9.80	-8.30	279.91	292.64	-1379.21	31.21	-263.22	-37.75
16165	-9.61	9.72	-8.30	261.67	288.07	-1381.18	26.81	-295.89	-22.20
16166	-10.69	9.63	-8.30	244.76	283.65	-1383.25	21.42	-329.29	-3.13
16167	-0.66	11.85	-8.30	376.24	312.57	-1567.49	25.98	5.83	30.60
16168	-1.97	12.05	-8.30	368.33	312.76	-1583.31	29.03	-51.33	54.16
16169	-3.22	12.09	-8.30	357.33	311.85	-1586.24	31.85	-103.57	66.66
16170	-4.43	12.04	-8.30	343.63	310.34	-1581.52	33.73	-151.14	72.92
16171	-5.60	11.92	-8.30	328.00	308.27	-1572.30	34.39	-194.70	76.24
16172	-6.74	11.76	-8.30	311.20	305.71	-1560.31	33.75	-234.93	78.62
16173	-7.85	11.56	-8.30	293.93	302.72	-1546.49	31.80	-272.48	81.39
16174	-8.94	11.34	-8.30	276.81	299.33	-1531.13	28.68	-308.06	85.50
16175	-10.01	11.10	-8.30	260.34	295.54	-1513.86	24.64	-342.34	91.55
16176	-11.07	10.85	-8.30	244.72	291.34	-1493.43	20.04	-376.13	99.84
16177	-0.67	13.63	-8.30	363.69	317.82	-1759.57	20.04	3.78	183.15
16178	-2.00	13.80	-8.30	356.58	318.25	-1773.21	23.63	-58.22	207.23
16179	-3.30	13.84	-8.30	347.03	318.05	-1773.63	26.64	-116.82	221.58
16180	-4.56	13.76	-8.30	335.24	317.32	-1763.62	28.82	-171.79	228.57
16181	-5.78	13.60	-8.30	321.69	316.02	-1745.83	29.96	-222.73	230.40
16182	-6.96	13.37	-8.30	306.95	314.07	-1721.92	29.95	-269.71	228.90
16183	-8.11	13.09	-8.30	291.51	311.37	-1692.88	28.86	-313.00	225.49
16184	-9.23	12.77	-8.30	275.81	307.85	-1659.24	26.89	-353.00	221.23
16185	-10.31	12.40	-8.30	260.12	303.43	-1621.03	24.38	-390.04	216.88
16186	-11.36	12.01	-8.30	244.50	298.10	-1577.81	21.72	-423.91	212.48
16187	-0.67	15.39	-8.30	352.50	326.46	-1930.09	14.47	1.39	377.24
16188	-2.01	15.50	-8.30	347.71	325.64	-1930.93	18.46	-66.58	398.71
16189	-3.33	15.50	-8.30	340.32	324.45	-1920.44	22.20	-131.95	410.13
16190	-4.62	15.38	-8.30	330.61	322.90	-1899.71	25.44	-194.03	413.09
16191	-5.88	15.17	-8.30	318.91	320.84	-1870.26	27.97	-252.04	409.19
16192	-7.10	14.88	-8.30	305.59	318.14	-1833.19	29.69	-305.51	399.90
16193	-8.28	14.52	-8.30	290.99	314.67	-1789.34	30.58	-354.21	386.48
16194	-9.43	14.11	-8.30	275.40	310.33	-1739.36	30.75	-398.06	369.99
16195	-10.53	13.64	-8.30	259.03	305.06	-1683.78	30.42	-437.04	351.30
16196	-11.60	13.12	-8.30	242.09	298.84	-1622.88	29.82	-470.94	331.60
16197	-0.68	17.15	-8.30	348.40	315.45	-2014.91	10.07	-2.01	612.16
16198	-2.02	17.18	-8.30	345.30	312.24	-2001.32	16.35	-76.21	623.55
16199	-3.36	17.11	-8.30	339.30	309.51	-1978.85	22.76	-147.81	624.89
16200	-4.67	16.94	-8.30	330.51	307.08	-1947.87	28.88	-215.91	617.23
16201	-5.95	16.67	-8.30	319.20	304.79	-1909.15	34.35	-279.51	601.72
16202	-7.20	16.32	-8.30	305.68	302.46	-1863.33	38.94	-337.80	579.52
16203	-8.41	15.89	-8.30	290.31	299.89	-1811.03	42.46	-390.19	551.75
16204	-9.58	15.39	-8.30	273.42	296.90	-1752.86	44.82	-436.29	519.46
16205	-10.70	14.82	-8.30	255.35	293.32	-1689.47	46.06	-475.89	483.64
16206	-11.79	14.19	-8.30	236.41	289.01	-1621.54	46.33	-509.00	445.36
16207	-0.68	18.90	-8.30	353.32	250.26	-1938.59	8.39	-5.53	838.28
16208	-2.03	18.85	-8.30	350.65	248.58	-1922.21	20.32	-82.92	834.68
16209	-3.37	18.70	-8.30	344.27	248.47	-1899.19	31.93	-157.54	822.01
16210	-4.70	18.46	-8.30	334.49	249.73	-1869.63	42.74	-228.49	800.93
16211	-6.00	18.13	-8.30	321.69	252.03	-1833.83	52.29	-294.78	772.19
16212	-7.27	17.71	-8.30	306.28	255.03	-1792.09	60.18	-355.50	736.65
16213	-8.50	17.20	-8.30	288.74	258.35	-1744.72	66.10	-409.91	695.20
16214	-9.70	16.62	-8.30	269.57	261.62	-1692.12	69.85	-457.43	648.75
16215	-10.84	15.95	-8.30	249.33	264.44	-1634.75	71.34	-497.68	598.20
16216	-11.94	15.22	-8.30	228.48	266.43	-1573.18	70.71	-530.54	544.42
16217	-16.80	9.56	-8.30	130.69	256.39	-1197.35	24.94	-556.21	196.21
16218	-16.21	10.66	-8.30	141.89	262.04	-1260.51	36.74	-572.06	254.98
16219	-15.54	11.72	-8.30	154.36	265.34	-1321.09	48.00	-581.34	315.79
16220	-15.80	9.50	-8.30	160.66	263.56	-1280.31	13.19	-528.30	159.73
16221	-15.40	10.47	-8.30	167.08	269.42	-1331.96	23.19	-546.43	217.97
16222	-14.95	11.41	-8.30	174.24	272.87	-1379.23	33.24	-558.99	276.71
16223	-14.80	9.43	-8.30	183.86	268.58	-1334.01	7.00	-488.36	118.16
16224	-14.60	10.27	-8.30	186.96	274.34	-1379.71	14.38	-510.99	175.23
16225	-14.37	11.09	-8.30	191.07	278.24	-1418.68	22.61	-526.27	233.90
16226	-12.96	14.43	-8.30	208.25	267.30	-1510.74	68.29	-555.65	491.63
16227	-12.73	13.54	-8.30	218.95	284.65	-1556.61	45.52	-533.21	408.36
16228	-12.48	12.63	-8.30	227.04	293.05	-1566.58	29.28	-496.88	313.85
16229	-13.89	13.59	-8.30	189.06	267.68	-1448.23	63.70	-571.63	435.20
16230	-13.55	12.90	-8.30	202.74	280.89	-1495.90	43.50	-548.90	369.02
16231	-13.20	12.19	-8.30	213.58	288.04	-1516.27	28.46	-515.84	294.51
16232	-14.76	12.69	-8.30	170.90	267.07	-1383.45	57.34	-580.78	378.83
16233	-14.33	12.21	-8.30	186.78	276.63	-1433.29	40.46	-558.46	329.85
16234	-13.89	11.73	-8.30	199.66	282.65	-1463.52	27.38	-529.40	271.18
16235	0.70	20.20	-2.70	-680.79	-2487.62	-2078.56	-150.89	103.55	1898.34
16236	2.10	20.10	-2.70	-703.03	-2457.59	-2076.51	-267.85	243.93	1883.48

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]
16237	3.49	19.90	-2.70	-736.11	-2402.29	-2064.22	-378.93	380.22	1849.20
16238	4.86	19.62	-2.70	-778.58	-2323.87	-2042.49	-481.26	510.55	1797.11
16239	6.20	19.23	-2.70	-828.03	-2224.60	-2011.45	-572.10	632.49	1728.37
16240	7.52	18.76	-2.70	-881.48	-2107.34	-1971.28	-649.32	743.85	1644.55
16241	8.80	18.19	-2.70	-935.56	-1975.24	-1922.22	-711.54	842.75	1547.45
16242	10.04	17.54	-2.70	-986.62	-1831.63	-1864.45	-758.16	927.66	1439.05
16243	11.23	16.80	-2.70	-1030.84	-1679.87	-1798.35	-789.54	997.53	1321.49
16244	12.37	15.98	-2.70	-1063.90	-1521.90	-1722.62	-806.59	1050.99	1194.80
16245	13.44	15.08	-2.70	-1082.34	-1363.12	-1640.48	-812.06	1086.56	1067.04
16246	14.46	14.11	-2.70	-1084.18	-1206.16	-1555.15	-809.20	1109.60	937.58
16247	15.40	13.08	-2.70	-1060.56	-1050.32	-1461.22	-803.17	1117.62	804.08
16248	16.27	11.98	-2.70	-1004.04	-899.74	-1366.36	-805.43	1115.34	673.10
16249	17.06	10.82	-2.70	-888.93	-756.54	-1221.09	-825.83	1080.38	516.91
16250	17.76	9.62	-2.70	-554.73	-726.22	-1270.00	-982.00	1211.15	491.20
16251	0.74	21.03	-2.70	-212.52	-819.71	-105.88	-72.70	23.58	409.90
16252	2.22	20.93	-2.70	-217.97	-808.62	-105.71	-103.69	55.32	406.33
16253	3.69	20.72	-2.70	-224.44	-791.63	-105.09	-133.78	86.46	398.44
16254	5.14	20.41	-2.70	-231.32	-768.98	-103.98	-162.66	116.36	386.47
16255	6.57	19.99	-2.70	-237.94	-741.00	-102.48	-190.06	144.51	370.77
16256	7.96	19.48	-2.70	-243.58	-708.02	-100.63	-215.75	170.39	351.69
16257	9.32	18.87	-2.70	-247.43	-670.43	-98.45	-239.71	193.58	329.61
16258	10.62	18.17	-2.70	-248.59	-628.60	-95.98	-262.09	213.75	304.92
16259	11.88	17.37	-2.70	-246.02	-582.65	-93.11	-283.37	230.62	277.80
16260	13.07	16.49	-2.70	-238.66	-533.06	-90.20	-304.35	243.93	249.34
16261	14.20	15.53	-2.70	-225.09	-479.94	-87.08	-326.54	254.29	219.72
16262	15.26	14.48	-2.70	-202.92	-422.30	-83.17	-352.46	262.00	188.69
16263	16.24	13.37	-2.70	-168.49	-359.08	-77.70	-386.82	268.42	156.47
16264	17.14	12.19	-2.70	-118.56	-289.20	-73.72	-438.42	276.99	121.25
16265	17.95	10.95	-2.70	-29.13	-231.10	-44.20	-529.69	269.56	91.96
16266	18.68	9.66	-2.70	-5.93	-336.22	-383.85	-912.58	711.55	297.14
16267	0.78	21.87	-2.70	-122.94	-209.48	-81.80	-35.88	11.88	130.04
16268	2.35	21.76	-2.70	-120.98	-206.63	-81.61	-30.57	21.45	128.51
16269	3.90	21.54	-2.70	-115.52	-205.40	-81.02	-26.42	31.00	125.65
16270	5.43	21.20	-2.70	-106.36	-205.35	-80.09	-24.25	40.34	121.54
16271	6.94	20.76	-2.70	-93.54	-205.90	-78.83	-24.78	49.23	116.27
16272	8.41	20.20	-2.70	-77.30	-206.35	-77.27	-28.62	57.45	109.97
16273	9.83	19.55	-2.70	-58.07	-205.90	-75.40	-36.27	64.82	102.74
16274	11.20	18.79	-2.70	-36.26	-203.65	-73.20	-48.18	71.22	94.67
16275	12.52	17.94	-2.70	-12.26	-198.60	-70.73	-64.83	76.55	85.93
16276	13.77	17.00	-2.70	13.79	-189.66	-67.95	-86.79	80.89	76.65
16277	14.95	15.97	-2.70	42.24	-175.31	-64.85	-115.01	84.44	66.76
16278	16.06	14.85	-2.70	74.37	-153.48	-61.44	-151.24	87.85	56.18
16279	17.08	13.67	-2.70	112.00	-121.05	-57.19	-199.15	92.19	44.11
16280	18.01	12.41	-2.70	163.16	-76.92	-53.58	-268.09	104.98	32.66
16281	18.85	11.08	-2.70	217.87	-41.48	-54.53	-397.25	131.33	39.89
16282	19.60	9.70	-2.70	216.99	-21.62	-183.98	-776.95	598.03	131.28
16283	0.83	22.71	-2.70	-69.89	-8.74	-31.55	-16.95	6.80	11.19
16284	2.47	22.59	-2.70	-65.40	-8.90	-31.39	-3.74	6.48	10.67
16285	4.11	22.35	-2.70	-56.96	-12.19	-31.06	7.81	6.42	10.13
16286	5.72	21.99	-2.70	-44.46	-18.02	-30.64	16.72	6.60	9.58
16287	7.30	21.52	-2.70	-28.10	-25.62	-30.15	22.11	6.91	9.01
16288	8.85	20.93	-2.70	-8.43	-34.04	-29.60	23.29	7.23	8.44
16289	10.35	20.23	-2.70	13.76	-42.26	-28.97	19.73	7.49	7.89
16290	11.79	19.42	-2.70	37.62	-49.13	-28.25	11.04	7.64	7.37
16291	13.17	18.52	-2.70	62.33	-53.42	-27.45	-3.05	7.69	6.90
16292	14.48	17.51	-2.70	87.33	-53.75	-26.55	-22.82	7.70	6.45
16293	15.71	16.41	-2.70	112.56	-48.45	-25.58	-48.79	7.78	5.93
16294	16.86	15.22	-2.70	138.71	-35.17	-24.47	-82.19	8.32	5.08
16295	17.92	13.96	-2.70	169.39	-10.23	-23.55	-126.06	10.42	3.30
16296	18.89	12.62	-2.70	205.43	30.83	-24.62	-192.46	21.59	2.84
16297	19.75	11.21	-2.70	285.78	120.14	-31.41	-329.63	59.50	-8.68
16298	20.51	9.75	-2.70	390.52	268.13	34.46	-675.21	546.48	-43.93
16299	0.87	23.55	-2.70	-48.30	11.84	7.70	-4.43	6.33	-28.45
16300	2.60	23.42	-2.70	-43.37	11.17	7.79	3.51	0.88	-28.45
16301	4.32	23.17	-2.70	-36.11	8.83	7.87	10.15	-4.16	-27.72
16302	6.01	22.78	-2.70	-26.35	5.28	7.87	14.86	-8.72	-26.36
16303	7.67	22.28	-2.70	-14.24	1.12	7.77	17.07	-12.86	-24.42
16304	9.29	21.65	-2.70	-0.25	-2.95	7.56	16.36	-16.66	-21.92
16305	10.86	20.91	-2.70	14.93	-6.13	7.27	12.46	-20.17	-18.84
16306	12.37	20.05	-2.70	30.49	-7.59	6.91	5.28	-23.40	-15.17
16307	13.81	19.09	-2.70	45.70	-6.47	6.47	-5.11	-26.35	-10.89
16308	15.18	18.02	-2.70	59.95	-1.87	5.99	-18.55	-29.01	-5.95
16309	16.47	16.85	-2.70	72.94	7.29	5.37	-35.01	-31.35	-0.34
16310	17.66	15.59	-2.70	85.44	22.76	5.11	-54.86	-33.33	5.91
16311	18.76	14.25	-2.70	98.08	48.16	2.78	-81.20	-35.00	12.71
16312	19.76	12.83	-2.70	124.48	97.98	8.80	-123.29	-28.48	17.53
16313	20.65	11.34	-2.70	125.69	228.49	-37.51	-212.03	-55.41	19.85
16314	21.43	9.79	-2.70	590.23	857.46	358.94	-752.74	592.76	-370.98
16315	0.70	20.20	-4.10	-205.89	-815.69	-2118.61	-66.83	92.69	1558.83
16316	2.10	20.10	-4.10	-213.81	-803.41	-2116.65	-107.97	214.55	1545.61
16317	3.49	19.90	-4.10	-225.97	-783.65	-2105.22	-147.37	333.69	1517.15
16318	4.86	19.62	-4.10	-241.52	-756.69	-2084.89	-184.23	448.36	1474.30
16319	6.20	19.23	-4.10	-259.63	-722.97	-2055.99	-217.80	556.78	1417.94
16320	7.52	18.76	-4.10	-279.23	-683.10	-2018.82	-247.41	657.28	1349.10
16321	8.80	18.19	-4.10	-299.08	-637.73	-1973.63	-272.60	748.36	1268.97
16322	10.04	17.54	-4.10	-317.78	-587.59	-1920.70	-293.17	828.82	1178.80
16323	11.23	16.80	-4.10	-333.80	-533.28	-1859.99	-309.15	897.78	1079.69
16324	12.37	15.98	-4.10	-345.47	-475.75	-1791.25	-320.69	954.04	972.48
16325	13.44	15.08	-4.10	-350.15	-415.66	-1715.36	-328.54	996.62	860.54
16326	14.46	14.11	-4.10	-345.31	-353.07	-1631.85	-333.45	1028.11	743.08
16327	15.40	13.08	-4.10	-327.57	-289.72	-1537.89	-336.21	1048.74	619.39
16328	16.27	11.98	-4.10	-290.15	-228.70	-1423.49	-335.43	1056.64	489.60
16329	17.06	10.82	-4.10	-220.12	-194.03	-1311.86	-332.92	1064.00	381.96
16330	17.76	9.62	-4.10	-148.00	-126.26	-1200.82	-274.32	1054.23	271.70
16331	0.74	21.03	-4.10	-91.78	-945.20	-890.78	-68.61	66.06	1130.79
16332	2.22	20.93	-4.10	-101.53	-930.99	-889.60	-126.24	152.65	1121.06
16333	3.69	20.72	-4.10	-118.02	-905.35	-884.28	-181.45	237.62	1099.81
16334	5.14	20.41	-4.10	-140.22	-869.06	-875.00	-232.79	319.39	1067.70
16335	6.57	19.99	-4.10	-166.85	-823.05	-862.00	-278.95	396.52	1025.46

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]
16336	7.96	19.48	-4.10	-196.47	-768.46	-845.38	-318.87	467.61	973.94
16337	9.32	18.87	-4.10	-227.40	-706.58	-825.26	-351.79	531.48	914.05
16338	10.62	18.17	-4.10	-257.79	-638.77	-801.67	-377.33	587.14	846.76
16339	11.88	17.37	-4.10	-285.61	-566.41	-774.59	-395.49	633.76	773.02
16340	13.07	16.49	-4.10	-308.38	-490.97	-744.17	-406.70	670.73	694.27
16341	14.20	15.53	-4.10	-323.43	-414.00	-710.66	-412.36	698.61	611.81
16342	15.26	14.48	-4.10	-327.92	-336.42	-673.47	-414.13	718.60	526.12
16343	16.24	13.37	-4.10	-317.01	-260.72	-631.73	-413.70	732.55	438.12
16344	17.14	12.19	-4.10	-281.77	-195.94	-581.54	-413.66	742.80	353.30
16345	17.95	10.95	-4.10	-214.17	-165.33	-572.88	-433.08	790.96	315.11
16346	18.68	9.66	-4.10	-126.19	-56.96	-620.45	-366.80	875.82	263.70
16347	0.78	21.87	-4.10	19.93	-506.32	-313.29	-44.66	36.96	493.97
16348	2.35	21.76	-4.10	14.81	-497.46	-312.52	-78.92	73.90	488.87
16349	3.90	21.54	-4.10	5.67	-482.08	-310.28	-112.09	110.52	478.73
16350	5.43	21.20	-4.10	-6.74	-460.50	-306.78	-143.36	146.08	463.83
16351	6.94	20.76	-4.10	-21.62	-433.19	-302.14	-172.01	179.78	444.52
16352	8.41	20.20	-4.10	-38.11	-400.72	-296.40	-197.46	210.87	421.20
16353	9.83	19.55	-4.10	-55.30	-363.70	-289.54	-219.32	238.72	394.25
16354	11.20	18.79	-4.10	-72.14	-322.79	-281.51	-237.42	262.86	364.09
16355	12.52	17.94	-4.10	-87.37	-278.63	-272.34	-251.85	282.94	331.21
16356	13.77	17.00	-4.10	-99.47	-231.92	-262.05	-263.18	298.97	296.15
16357	14.95	15.97	-4.10	-106.59	-183.04	-250.48	-272.51	311.43	259.16
16358	16.06	14.85	-4.10	-105.92	-132.48	-237.18	-281.54	321.53	220.29
16359	17.08	13.67	-4.10	-92.57	-82.53	-221.92	-293.73	332.89	180.42
16360	18.01	12.41	-4.10	-57.09	-40.37	-206.69	-319.01	356.86	145.80
16361	18.85	11.08	-4.10	5.82	-12.79	-216.95	-379.35	462.23	140.85
16362	19.60	9.70	-4.10	45.75	60.12	-275.55	-346.74	662.38	143.08
16363	0.83	22.71	-4.10	67.97	-202.28	-178.27	-24.85	24.29	176.76
16364	2.47	22.59	-4.10	66.44	-197.66	-177.47	-41.70	34.58	174.21
16365	4.11	22.35	-4.10	62.96	-190.08	-175.75	-58.35	45.26	170.14
16366	5.72	21.99	-4.10	58.02	-179.56	-173.42	-74.53	56.06	164.63
16367	7.30	21.52	-4.10	52.04	-166.17	-170.64	-89.92	66.51	157.81
16368	8.85	20.93	-4.10	45.35	-150.06	-167.38	-104.31	76.15	149.81
16369	10.35	20.23	-4.10	38.27	-131.34	-163.58	-117.51	84.64	140.80
16370	11.79	19.42	-4.10	31.20	-110.15	-159.20	-129.46	91.75	130.95
16371	13.17	18.52	-4.10	24.65	-86.61	-154.22	-140.24	97.39	120.46
16372	14.48	17.51	-4.10	19.39	-60.70	-148.63	-150.22	101.61	109.49
16373	15.71	16.41	-4.10	16.65	-32.23	-142.36	-160.22	104.79	98.03
16374	16.86	15.22	-4.10	18.72	-0.87	-135.45	-172.06	108.11	85.79
16375	17.92	13.96	-4.10	30.35	33.82	-128.06	-190.74	116.07	72.52
16376	18.89	12.62	-4.10	56.60	76.13	-125.76	-231.09	143.10	55.96
16377	19.75	11.21	-4.10	125.12	135.48	-105.11	-327.73	285.43	15.69
16378	20.51	9.75	-4.10	184.53	176.06	-64.83	-313.06	578.43	6.91
16379	0.87	23.55	-4.10	108.94	-42.42	-17.04	-10.62	20.22	16.80
16380	2.60	23.42	-4.10	109.40	-40.16	-16.46	-21.13	14.32	15.87
16381	4.32	23.17	-4.10	108.26	-36.22	-15.68	-31.70	9.25	15.69
16382	6.01	22.78	-4.10	105.87	-30.51	-15.05	-42.14	5.01	16.13
16383	7.67	22.28	-4.10	102.48	-23.03	-14.69	-52.28	1.36	17.15
16384	9.29	21.65	-4.10	98.18	-13.77	-14.58	-61.94	-2.04	18.78
16385	10.86	20.91	-4.10	93.03	-2.74	-14.64	-70.95	-5.36	21.10
16386	12.37	20.05	-4.10	87.13	10.03	-14.82	-79.16	-8.72	24.23
16387	13.81	19.09	-4.10	80.66	24.52	-15.07	-86.46	-12.14	28.32
16388	15.18	18.02	-4.10	73.96	40.81	-15.39	-92.90	-15.59	33.53
16389	16.47	16.85	-4.10	67.76	59.21	-15.61	-98.84	-18.91	39.94
16390	17.66	15.59	-4.10	63.72	80.88	-16.07	-105.78	-21.47	47.44
16391	18.76	14.25	-4.10	65.15	110.47	-14.67	-118.85	-19.87	54.10
16392	19.76	12.83	-4.10	77.17	164.82	-22.38	-150.04	-5.58	53.70
16393	20.65	11.34	-4.10	110.27	303.45	35.96	-245.88	87.35	-33.49
16394	21.43	9.79	-4.10	283.72	439.04	194.94	-345.33	545.42	-254.76
16395	0.70	20.20	-5.50	30.50	-350.98	-1978.36	-39.90	83.01	1278.56
16396	2.10	20.10	-5.50	24.93	-342.70	-1976.31	-67.87	186.11	1266.61
16397	3.49	19.90	-5.50	15.52	-329.38	-1965.98	-94.63	287.29	1242.03
16398	4.86	19.62	-5.50	2.90	-311.32	-1947.70	-119.52	385.02	1205.35
16399	6.20	19.23	-5.50	-12.20	-288.89	-1921.74	-141.89	477.73	1157.25
16400	7.52	18.76	-5.50	-28.96	-262.61	-1888.33	-161.19	564.01	1098.50
16401	8.80	18.19	-5.50	-46.43	-233.04	-1847.63	-177.03	642.59	1030.00
16402	10.04	17.54	-5.50	-63.55	-200.78	-1799.69	-189.19	712.44	952.65
16403	11.23	16.80	-5.50	-79.18	-166.57	-1744.41	-197.65	772.73	867.44
16404	12.37	15.98	-5.50	-91.90	-131.08	-1681.51	-202.46	822.69	775.19
16405	13.44	15.08	-5.50	-100.08	-95.47	-1610.93	-204.12	861.94	678.20
16406	14.46	14.11	-5.50	-102.49	-60.60	-1531.73	-202.61	892.07	576.89
16407	15.40	13.08	-5.50	-96.76	-28.65	-1440.66	-197.04	913.14	472.18
16408	16.27	11.98	-5.50	-80.76	-6.07	-1339.01	-185.73	925.31	371.86
16409	17.06	10.82	-5.50	-56.34	12.58	-1230.24	-163.33	927.84	282.08
16410	17.76	9.62	-5.50	-27.85	21.11	-1122.20	-128.51	920.62	211.23
16411	0.74	21.03	-5.50	94.83	-464.94	-1228.24	-43.23	71.66	1127.42
16412	2.22	20.93	-5.50	87.24	-455.02	-1226.49	-83.98	159.47	1116.92
16413	3.69	20.72	-5.50	73.68	-437.44	-1219.39	-123.02	245.90	1095.01
16414	5.14	20.41	-5.50	55.00	-412.76	-1207.27	-159.22	329.42	1062.31
16415	6.57	19.99	-5.50	32.16	-381.71	-1190.35	-191.52	408.50	1019.51
16416	7.96	19.48	-5.50	6.26	-345.10	-1168.76	-219.04	481.74	967.36
16417	9.32	18.87	-5.50	-21.44	-303.89	-1142.52	-241.14	547.92	906.69
16418	10.62	18.17	-5.50	-49.55	-259.10	-1111.63	-257.45	606.03	838.37
16419	11.88	17.37	-5.50	-76.44	-211.81	-1076.02	-267.89	655.28	763.35
16420	13.07	16.49	-5.50	-100.20	-163.26	-1035.66	-272.67	695.17	682.88
16421	14.20	15.53	-5.50	-118.66	-114.69	-990.30	-272.40	726.05	598.05
16422	15.26	14.48	-5.50	-129.40	-67.68	-939.14	-267.52	748.83	509.90
16423	16.24	13.37	-5.50	-128.67	-25.88	-880.64	-258.16	765.21	421.00
16424	17.14	12.19	-5.50	-111.94	4.52	-820.33	-245.30	781.39	341.31
16425	17.95	10.95	-5.50	-79.40	36.26	-768.10	-219.76	804.71	273.83
16426	18.68	9.66	-5.50	-47.21	64.47	-718.31	-170.62	829.78	212.14
16427	0.78	21.87	-5.50	150.26	-402.59	-694.10	-37.27	53.79	736.68
16428	2.35	21.76	-5.50	143.06	-393.53	-692.36	-77.48	108.89	729.03
16429	3.90	21.54	-5.50	129.63	-376.87	-687.41	-116.13	163.55	713.91
16430	5.43	21.20	-5.50	110.88	-353.15	-679.74	-151.98	216.67	691.76
16431	6.94	20.76	-5.50	87.77	-323.11	-669.60	-183.90	267.00	663.11
16432	8.41	20.20	-5.50	61.33	-287.63	-657.00	-210.96	313.42	628.48
16433	9.83	19.55	-5.50	32.75	-247.70	-641.86	-232.50	355.02	588.42
16434	11.20	18.79	-5.50	3.39	-204.38	-624.13	-248.14	391.08	543.53

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]
16435	12.52	17.94	-5.50	-25.12	-158.81	-603.76	-257.82	421.11	494.52
16436	13.77	17.00	-5.50	-50.90	-112.17	-580.70	-261.93	444.99	442.15
16437	14.95	15.97	-5.50	-71.78	-65.68	-554.74	-261.23	463.21	387.11
16438	16.06	14.85	-5.50	-84.78	-21.14	-525.37	-256.91	477.32	330.21
16439	17.08	13.67	-5.50	-85.51	18.18	-492.49	-251.29	491.77	273.61
16440	18.01	12.41	-5.50	-68.12	48.81	-459.58	-248.62	522.13	222.94
16441	18.85	11.08	-5.50	-36.84	77.41	-434.30	-235.73	590.98	182.05
16442	19.60	9.70	-5.50	-10.93	113.53	-405.89	-178.01	681.35	148.00
16443	0.83	22.71	-5.50	197.39	-202.58	-411.66	-24.99	39.43	367.14
16444	2.47	22.59	-5.50	192.29	-196.33	-409.75	-54.42	62.99	362.43
16445	4.11	22.35	-5.50	182.19	-184.77	-405.74	-82.82	87.04	354.33
16446	5.72	21.99	-5.50	167.87	-168.23	-400.40	-109.25	110.94	343.06
16447	7.30	21.52	-5.50	150.05	-147.23	-394.01	-132.84	133.77	328.91
16448	8.85	20.93	-5.50	129.41	-122.41	-386.50	-152.86	154.69	312.14
16449	10.35	20.23	-5.50	106.73	-94.51	-377.71	-168.80	173.14	293.05
16450	11.79	19.42	-5.50	83.00	-64.29	-367.52	-180.36	188.71	272.00
16451	13.17	18.52	-5.50	59.41	-32.56	-355.90	-187.53	201.17	249.39
16452	14.48	17.51	-5.50	37.36	-0.11	-342.80	-190.66	210.54	225.62
16453	15.71	16.41	-5.50	18.68	32.36	-328.11	-190.58	217.35	200.99
16454	16.86	15.22	-5.50	6.11	63.98	-311.55	-189.06	223.52	175.64
16455	17.92	13.96	-5.50	3.78	94.26	-293.64	-190.16	235.24	149.16
16456	18.89	12.62	-5.50	15.99	124.80	-271.56	-201.05	273.85	115.99
16457	19.75	11.21	-5.50	42.44	153.59	-233.79	-209.92	387.19	67.68
16458	20.51	9.75	-5.50	57.06	173.15	-182.37	-155.48	567.91	43.08
16459	0.87	23.55	-5.50	243.04	-49.31	-158.18	-14.46	32.01	105.59
16460	2.60	23.42	-5.50	239.77	-45.34	-156.43	-36.61	31.29	103.39
16461	4.32	23.17	-5.50	232.23	-37.77	-153.64	-57.96	31.73	101.12
16462	6.01	22.78	-5.50	221.09	-26.79	-150.73	-77.82	33.09	98.71
16463	7.67	22.28	-5.50	206.82	-12.77	-148.02	-95.53	34.73	96.19
16464	9.29	21.65	-5.50	189.84	3.82	-145.39	-110.55	36.07	93.69
16465	10.86	20.91	-5.50	170.68	22.41	-142.64	-122.43	36.78	91.39
16466	12.37	20.05	-5.50	149.99	42.40	-139.62	-130.88	36.67	89.51
16467	13.81	19.09	-5.50	128.59	63.16	-136.30	-135.80	35.64	88.34
16468	15.18	18.02	-5.50	107.47	84.17	-132.64	-137.38	33.72	88.19
16469	16.47	16.85	-5.50	87.92	105.11	-128.57	-136.30	31.23	89.33
16470	17.66	15.59	-5.50	72.13	126.64	-123.54	-134.39	29.65	91.40
16471	18.76	14.25	-5.50	62.51	152.05	-118.66	-136.09	33.36	91.88
16472	19.76	12.83	-5.50	65.50	193.24	-103.23	-150.04	62.61	72.81
16473	20.65	11.34	-5.50	64.15	244.19	-59.84	-168.26	137.31	3.24
16474	21.43	9.79	-5.50	118.65	293.74	14.41	-170.01	499.45	-200.65
16475	0.70	20.20	-6.90	211.62	-57.16	-1837.72	-22.26	75.96	1099.85
16476	2.10	20.10	-6.90	206.49	-51.32	-1835.62	-43.86	165.90	1088.84
16477	3.49	19.90	-6.90	197.30	-41.91	-1826.27	-64.50	254.40	1066.89
16478	4.86	19.62	-6.90	184.57	-29.26	-1809.88	-83.52	340.11	1034.43
16479	6.20	19.23	-6.90	168.93	-13.78	-1786.64	-100.27	421.66	992.04
16480	7.52	18.76	-6.90	151.05	4.02	-1756.68	-114.21	497.76	940.34
16481	8.80	18.19	-6.90	131.70	23.61	-1720.02	-124.92	567.31	880.06
16482	10.04	17.54	-6.90	111.75	44.36	-1676.62	-132.13	629.39	811.99
16483	11.23	16.80	-6.90	92.16	65.56	-1626.36	-135.71	683.30	737.04
16484	12.37	15.98	-6.90	74.10	86.49	-1568.92	-135.56	728.41	656.07
16485	13.44	15.08	-6.90	58.84	105.79	-1504.07	-131.85	764.36	571.13
16486	14.46	14.11	-6.90	47.12	122.66	-1430.98	-124.21	792.06	483.46
16487	15.40	13.08	-6.90	40.24	135.01	-1348.78	-111.75	811.38	395.65
16488	16.27	11.98	-6.90	38.67	141.57	-1257.98	-92.93	821.75	312.35
16489	17.06	10.82	-6.90	42.00	141.98	-1161.91	-66.50	822.98	240.32
16490	17.76	9.62	-6.90	47.67	140.40	-1064.89	-31.30	813.63	182.28
16491	0.74	21.03	-6.90	244.29	-174.00	-1366.26	-26.76	70.14	1032.43
16492	2.22	20.93	-6.90	237.07	-166.51	-1364.00	-59.13	151.07	1022.02
16493	3.69	20.72	-6.90	224.02	-153.20	-1356.02	-90.12	230.96	1001.11
16494	5.14	20.41	-6.90	205.89	-134.68	-1342.74	-118.65	308.40	970.35
16495	6.57	19.99	-6.90	183.50	-111.63	-1324.38	-143.69	381.87	930.39
16496	7.96	19.48	-6.90	157.75	-84.84	-1300.99	-164.37	450.04	881.85
16497	9.32	18.87	-6.90	129.69	-55.15	-1272.53	-180.06	511.76	825.43
16498	10.62	18.17	-6.90	100.53	-23.55	-1238.93	-190.39	566.12	761.92
16499	11.88	17.37	-6.90	71.68	8.90	-1200.08	-195.20	612.41	692.20
16500	13.07	16.49	-6.90	44.77	40.96	-1155.86	-194.54	650.21	617.41
16501	14.20	15.53	-6.90	21.47	71.25	-1105.93	-188.72	679.70	538.79
16502	15.26	14.48	-6.90	3.60	98.04	-1049.51	-177.76	701.55	458.00
16503	16.24	13.37	-6.90	-6.79	118.64	-986.58	-161.45	717.42	378.52
16504	17.14	12.19	-6.90	-8.41	132.76	-918.73	-138.60	730.58	305.06
16505	17.95	10.95	-6.90	-3.50	140.74	-847.99	-105.93	743.67	241.90
16506	18.68	9.66	-6.90	2.02	145.19	-774.55	-59.25	752.19	193.05
16507	0.78	21.87	-6.90	276.50	-193.70	-961.81	-26.18	59.26	788.25
16508	2.35	21.76	-6.90	268.55	-186.07	-959.02	-62.10	117.86	779.51
16509	3.90	21.54	-6.90	253.97	-171.92	-951.92	-96.61	176.34	762.79
16510	5.43	21.20	-6.90	233.73	-151.88	-941.34	-128.39	233.37	738.74
16511	6.94	20.76	-6.90	208.71	-126.78	-927.58	-156.20	287.44	707.92
16512	8.41	20.20	-6.90	179.80	-97.52	-910.54	-179.00	337.31	670.81
16513	9.83	19.55	-6.90	148.09	-65.10	-890.05	-196.10	382.01	627.92
16514	11.20	18.79	-6.90	114.93	-30.65	-865.99	-207.09	420.83	579.88
16515	12.52	17.94	-6.90	81.90	4.59	-838.30	-211.86	453.24	527.43
16516	13.77	17.00	-6.90	50.77	39.30	-806.86	-210.64	479.07	471.42
16517	14.95	15.97	-6.90	23.52	72.01	-771.38	-203.93	498.70	412.79
16518	16.06	14.85	-6.90	2.47	100.81	-731.35	-192.41	513.64	352.91
16519	17.08	13.67	-6.90	-9.79	123.35	-686.45	-176.94	528.22	294.05
16520	18.01	12.41	-6.90	-12.74	138.61	-636.94	-156.13	551.74	238.71
16521	18.85	11.08	-6.90	-11.52	147.92	-580.59	-122.57	593.02	189.77
16522	19.60	9.70	-6.90	-16.83	151.46	-514.67	-66.48	640.64	158.34
16523	0.83	22.71	-6.90	307.17	-122.75	-676.45	-21.44	48.02	483.56
16524	2.47	22.59	-6.90	299.69	-116.40	-672.88	-54.26	79.47	477.26
16525	4.11	22.35	-6.90	285.84	-104.27	-665.96	-85.81	111.89	466.36
16526	5.72	21.99	-6.90	266.69	-86.90	-657.13	-114.82	144.13	451.35
16527	7.30	21.52	-6.90	242.99	-65.04	-646.76	-140.09	174.74	432.63
16528	8.85	20.93	-6.90	215.40	-39.59	-634.56	-160.66	202.68	410.49
16529	10.35	20.23	-6.90	184.88	-11.52	-620.19	-175.86	227.29	385.24
16530	11.79	19.42	-6.90	152.67	18.09	-603.50	-185.33	248.09	357.33
16531	13.17	18.52	-6.90	120.21	48.08	-584.42	-189.02	264.80	327.28
16532	14.48	17.51	-6.90	89.16	77.30	-562.91	-187.24	277.36	295.67
16533	15.71	16.41	-6.90	61.38	104.56	-538.77	-180.73	286.35	263.10



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]
16534	16.86	15.22	-6.90	39.16	128.59	-511.64	-170.78	293.83	230.06
16535	17.92	13.96	-6.90	24.88	148.28	-480.14	-159.26	306.12	195.83
16536	18.89	12.62	-6.90	18.14	161.59	-439.73	-144.73	336.59	156.91
16537	19.75	11.21	-6.90	7.43	165.23	-381.65	-114.35	411.93	105.78
16538	20.51	9.75	-6.90	-20.15	156.74	-306.52	-53.06	536.16	76.07
16539	0.87	23.55	-6.90	342.85	-33.15	-413.44	-16.10	39.01	171.00
16540	2.60	23.42	-6.90	336.40	-28.32	-409.54	-44.83	42.47	167.80
16541	4.32	23.17	-6.90	324.06	-18.89	-403.25	-72.21	47.83	163.80
16542	6.01	22.78	-6.90	306.85	-5.25	-396.46	-97.23	54.27	159.01
16543	7.67	22.28	-6.90	285.33	11.95	-389.61	-118.94	60.58	153.57
16544	9.29	21.65	-6.90	259.99	31.90	-382.30	-136.52	66.02	147.67
16545	10.86	20.91	-6.90	231.61	53.70	-374.09	-149.37	70.20	141.53
16546	12.37	20.05	-6.90	201.23	76.35	-364.80	-157.15	72.94	135.43
16547	13.81	19.09	-6.90	170.10	98.83	-354.37	-159.80	74.12	129.74
16548	15.18	18.02	-6.90	139.57	120.20	-342.83	-157.61	73.73	124.90
16549	16.47	16.85	-6.90	111.20	139.75	-330.05	-151.37	72.19	121.28
16550	17.66	15.59	-6.90	86.74	157.37	-315.86	-142.63	71.14	118.64
16551	18.76	14.25	-6.90	68.26	174.46	-298.16	-133.92	75.95	113.00
16552	19.76	12.83	-6.90	54.14	189.64	-270.03	-124.85	99.49	93.14
16553	20.65	11.34	-6.90	38.06	193.43	-224.71	-104.49	148.69	30.63
16554	21.43	9.79	-6.90	-11.61	157.19	-155.40	-47.18	470.84	-169.88
16555	0.70	20.20	-8.30	362.37	135.64	-1716.16	-9.79	68.81	959.46
16556	2.10	20.10	-8.30	356.58	140.09	-1714.01	-29.45	147.51	949.44
16557	3.49	19.90	-8.30	346.12	147.47	-1705.38	-48.14	225.07	929.87
16558	4.86	19.62	-8.30	331.48	157.36	-1690.43	-65.10	300.31	901.17
16559	6.20	19.23	-8.30	313.22	169.28	-1669.28	-79.58	372.01	863.83
16560	7.52	18.76	-8.30	291.98	182.67	-1641.96	-90.95	439.02	818.38
16561	8.80	18.19	-8.30	268.45	196.93	-1608.47	-98.71	500.36	765.45
16562	10.04	17.54	-8.30	243.47	211.33	-1568.72	-102.53	555.21	705.77
16563	11.23	16.80	-8.30	217.98	225.05	-1522.61	-102.17	602.97	640.17
16564	12.37	15.98	-8.30	193.08	237.30	-1469.95	-97.44	643.06	569.53
16565	13.44	15.08	-8.30	169.90	246.57	-1410.68	-88.46	675.05	495.77
16566	14.46	14.11	-8.30	148.87	252.33	-1344.59	-75.03	699.35	420.47
16567	15.40	13.08	-8.30	130.84	253.68	-1271.38	-56.59	715.67	346.00
16568	16.27	11.98	-8.30	115.97	249.45	-1191.78	-32.26	723.37	276.26
16569	17.06	10.82	-8.30	104.37	240.90	-1107.39	-1.83	722.17	216.02
16570	17.76	9.62	-8.30	94.87	229.39	-1020.55	34.79	711.16	167.69
16571	0.74	21.03	-8.30	374.88	25.35	-1421.16	-14.90	65.47	923.76
16572	2.22	20.93	-8.30	367.08	31.42	-1418.52	-43.17	137.69	913.78
16573	3.69	20.72	-8.30	353.18	42.26	-1410.15	-70.21	209.25	894.44
16574	5.14	20.41	-8.30	333.94	57.10	-1396.52	-94.89	278.76	866.47
16575	6.57	19.99	-8.30	310.08	75.22	-1377.83	-116.04	344.78	830.43
16576	7.96	19.48	-8.30	282.35	95.87	-1354.05	-132.76	406.07	786.82
16577	9.32	18.87	-8.30	251.70	118.19	-1325.07	-144.40	461.62	736.21
16578	10.62	18.17	-8.30	219.28	141.18	-1290.81	-150.54	510.64	679.30
16579	11.88	17.37	-8.30	186.42	163.71	-1251.17	-150.97	552.50	616.89
16580	13.07	16.49	-8.30	154.59	184.42	-1206.05	-145.67	586.79	550.08
16581	14.20	15.53	-8.30	125.23	201.95	-1155.24	-134.85	613.51	480.16
16582	15.26	14.48	-8.30	99.57	214.93	-1098.41	-118.53	633.02	409.06
16583	16.24	13.37	-8.30	78.52	221.98	-1035.36	-96.38	646.33	339.64
16584	17.14	12.19	-8.30	62.18	222.60	-966.24	-67.59	655.16	275.82
16585	17.95	10.95	-8.30	49.21	217.27	-891.60	-30.51	660.30	221.92
16586	18.68	9.66	-8.30	37.44	207.41	-812.95	16.09	657.89	182.33
16587	0.78	21.87	-8.30	387.43	-37.90	-1142.05	-17.39	58.29	758.61
16588	2.35	21.76	-8.30	378.25	-31.12	-1138.09	-50.54	113.90	749.35
16589	3.90	21.54	-8.30	362.09	-18.53	-1129.24	-82.56	170.00	732.45
16590	5.43	21.20	-8.30	340.07	-1.05	-1116.71	-111.85	224.89	708.90
16591	6.94	20.76	-8.30	312.91	20.41	-1100.68	-136.91	276.86	679.17
16592	8.41	20.20	-8.30	281.33	44.97	-1080.87	-156.66	324.69	643.56
16593	9.83	19.55	-8.30	246.39	71.59	-1057.00	-170.39	367.54	602.49
16594	11.20	18.79	-8.30	209.44	99.08	-1028.94	-177.68	404.77	556.52
16595	12.52	17.94	-8.30	172.07	126.06	-996.64	-178.38	435.89	506.38
16596	13.77	17.00	-8.30	135.98	151.06	-959.99	-172.69	460.67	452.92
16597	14.95	15.97	-8.30	102.87	172.59	-918.78	-160.99	479.35	397.26
16598	16.06	14.85	-8.30	74.27	188.99	-872.54	-143.69	493.06	340.95
16599	17.08	13.67	-8.30	51.27	198.66	-820.37	-120.68	504.65	286.04
16600	18.01	12.41	-8.30	31.87	200.27	-760.52	-89.80	519.25	234.73
16601	18.85	11.08	-8.30	12.03	194.00	-689.89	-47.93	540.63	191.57
16602	19.60	9.70	-8.30	-10.25	179.21	-609.35	8.17	560.17	167.39
16603	0.83	22.71	-8.30	400.60	-41.96	-919.32	-17.39	49.40	510.72
16604	2.47	22.59	-8.30	390.73	-35.67	-913.27	-51.21	81.85	503.29
16605	4.11	22.35	-8.30	373.84	-23.53	-903.00	-83.95	116.42	490.97
16606	5.72	21.99	-8.30	351.34	-6.39	-890.94	-113.85	150.97	474.74
16607	7.30	21.52	-8.30	323.68	14.80	-877.13	-139.33	183.48	454.96
16608	8.85	20.93	-8.30	291.37	39.05	-860.83	-159.29	212.94	431.71
16609	10.35	20.23	-8.30	255.47	65.25	-841.53	-173.04	238.81	405.23
16610	11.79	19.42	-8.30	217.42	92.11	-819.07	-180.23	260.70	375.95
16611	13.17	18.52	-8.30	178.86	118.23	-793.39	-180.78	278.29	344.42
16612	14.48	17.51	-8.30	141.50	142.22	-764.47	-175.03	291.49	311.29
16613	15.71	16.41	-8.30	107.05	162.70	-732.16	-163.62	300.74	277.33
16614	16.86	15.22	-8.30	77.13	178.27	-695.77	-147.33	307.76	243.21
16615	17.92	13.96	-8.30	52.15	187.12	-653.31	-126.29	316.85	208.95
16616	18.89	12.62	-8.30	30.90	185.99	-599.47	-97.23	334.94	172.92
16617	19.75	11.21	-8.30	-5.10	167.42	-525.47	-47.31	379.79	130.51
16618	20.51	9.75	-8.30	-62.01	138.84	-421.68	20.11	456.05	108.58
16619	0.87	23.55	-8.30	415.49	-16.09	-732.13	-16.64	40.35	195.97
16620	2.60	23.42	-8.30	405.86	-10.77	-724.44	-49.30	44.80	192.12
16621	4.32	23.17	-8.30	389.53	-0.22	-713.05	-80.40	52.77	187.04
16622	6.01	22.78	-8.30	367.91	14.94	-701.44	-108.54	62.08	181.01
16623	7.67	22.28	-8.30	341.27	33.78	-689.67	-132.48	70.72	174.29
16624	9.29	21.65	-8.30	309.97	55.30	-676.62	-151.22	77.94	166.98
16625	10.86	20.91	-8.30	275.01	78.34	-661.57	-164.08	83.60	159.26
16626	12.37	20.05	-8.30	237.80	101.62	-644.31	-170.73	87.57	151.40
16627	13.81	19.09	-8.30	199.86	123.83	-624.86	-171.16	89.73	143.80
16628	15.18	18.02	-8.30	162.81	143.74	-603.30	-165.77	90.06	136.92
16629	16.47	16.85	-8.30	128.20	160.33	-579.65	-155.36	88.93	131.22
16630	17.66	15.59	-8.30	97.38	172.89	-553.41	-141.07	87.83	126.48
16631	18.76	14.25	-8.30	71.09	180.13	-522.23	-123.31	90.46	120.15
16632	19.76	12.83	-8.30	45.15	176.78	-480.16	-99.50	104.65	104.71

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]
16633	20.65	11.34	-8.30	25.89	143.84	-413.29	-58.33	133.70	56.85
16634	21.43	9.79	-8.30	-128.11	18.41	-288.11	71.11	405.77	-127.74
16635	-17.76	9.62	-2.70	-1100.76	-865.14	-1193.19	552.44	-982.88	512.55
16636	-17.06	10.82	-2.70	-1100.09	-977.83	-1262.15	590.67	-1001.58	612.69
16637	-16.27	11.98	-2.70	-1089.99	-1098.04	-1329.79	623.98	-1010.12	719.33
16638	-15.40	13.08	-2.70	-1072.11	-1225.14	-1402.36	648.90	-1010.85	828.05
16639	-14.46	14.11	-2.70	-1047.15	-1360.20	-1481.16	664.87	-1000.82	944.96
16640	-13.44	15.08	-2.70	-1014.03	-1498.38	-1559.25	669.63	-978.17	1062.03
16641	-12.37	15.98	-2.70	-976.22	-1639.99	-1638.83	661.79	-944.70	1180.68
16642	-11.23	16.80	-2.70	-933.06	-1782.33	-1715.77	639.87	-894.86	1300.81
16643	-10.04	17.54	-2.70	-886.10	-1919.33	-1786.06	602.50	-829.69	1414.29
16644	-8.80	18.19	-2.70	-838.17	-2048.95	-1850.32	549.65	-750.06	1520.78
16645	-7.52	18.76	-2.70	-791.88	-2167.67	-1907.66	481.54	-656.60	1617.89
16646	-6.20	19.23	-2.70	-749.91	-2272.16	-1957.45	399.16	-550.50	1703.41
16647	-4.86	19.62	-2.70	-714.77	-2359.25	-1999.11	304.16	-433.33	1775.29
16648	-3.49	19.90	-2.70	-688.68	-2426.17	-2032.17	198.78	-307.02	1831.77
16649	-2.10	20.10	-2.70	-673.47	-2470.65	-2056.13	85.70	-173.77	1871.32
16650	-0.70	20.20	-2.70	-670.55	-2491.45	-2071.27	-31.84	-36.52	1893.58
16651	-18.68	9.66	-2.70	-290.50	-393.14	-63.47	246.34	-222.97	99.23
16652	-17.95	10.95	-2.70	-283.47	-438.11	-69.86	245.24	-228.28	124.45
16653	-17.14	12.19	-2.70	-275.83	-481.28	-74.01	241.08	-230.97	148.86
16654	-16.24	13.37	-2.70	-268.04	-523.24	-77.54	234.24	-231.19	174.17
16655	-15.26	14.48	-2.70	-260.15	-564.06	-80.42	224.87	-228.78	199.83
16656	-14.20	15.53	-2.70	-252.26	-604.01	-83.58	212.72	-223.49	226.24
16657	-13.07	16.49	-2.70	-244.41	-642.14	-86.33	197.72	-215.03	252.37
16658	-11.88	17.37	-2.70	-236.90	-678.34	-89.17	179.88	-203.50	278.19
16659	-10.62	18.17	-2.70	-229.75	-711.87	-92.15	159.17	-188.44	303.36
16660	-9.32	18.87	-2.70	-223.08	-741.84	-94.85	135.80	-170.09	326.73
16661	-7.96	19.48	-2.70	-217.19	-767.91	-97.36	110.01	-148.68	348.04
16662	-6.57	19.99	-2.70	-212.34	-789.57	-99.63	82.15	-124.47	366.84
16663	-5.14	20.41	-2.70	-208.80	-806.41	-101.61	52.62	-97.84	382.70
16664	-3.69	20.72	-2.70	-206.83	-818.06	-103.26	21.90	-69.22	395.23
16665	-2.22	20.93	-2.70	-206.74	-824.28	-104.58	-9.53	-39.16	404.13
16666	-0.74	21.03	-2.70	-208.70	-824.89	-105.52	-41.20	-8.09	409.12
16667	-19.60	9.70	-2.70	-11.87	-240.74	-45.31	107.26	-66.51	37.84
16668	-18.85	11.08	-2.70	-7.08	-258.67	-49.43	90.51	-68.21	47.26
16669	-18.01	12.41	-2.70	-4.36	-271.79	-52.82	72.14	-68.83	55.21
16670	-17.08	13.67	-2.70	-4.75	-280.79	-55.93	53.15	-68.71	62.90
16671	-16.06	14.85	-2.70	-8.41	-286.07	-59.04	34.21	-67.75	70.66
16672	-14.95	15.97	-2.70	-15.10	-287.92	-62.05	16.03	-65.85	78.42
16673	-13.77	17.00	-2.70	-24.46	-286.69	-65.02	-0.86	-62.96	86.13
16674	-12.52	17.94	-2.70	-36.00	-282.64	-67.84	-15.89	-59.05	93.61
16675	-11.20	18.79	-2.70	-49.08	-276.24	-70.46	-28.58	-54.12	100.78
16676	-9.83	19.55	-2.70	-62.95	-267.99	-72.87	-38.58	-48.16	107.49
16677	-8.41	20.20	-2.70	-76.81	-258.48	-75.03	-45.66	-41.26	113.54
16678	-6.94	20.76	-2.70	-89.84	-248.37	-76.92	-49.78	-33.53	118.84
16679	-5.43	21.20	-2.70	-101.33	-238.32	-78.54	-51.04	-25.11	123.28
16680	-3.90	21.54	-2.70	-110.70	-228.93	-79.88	-49.73	-16.20	126.73
16681	-2.35	21.76	-2.70	-117.56	-220.74	-80.90	-46.31	-6.99	129.08
16682	-0.78	21.87	-2.70	-121.71	-214.18	-81.55	-41.42	2.38	130.22
16683	-20.51	9.75	-2.70	58.49	-152.37	-16.76	47.79	-0.11	17.26
16684	-19.75	11.21	-2.70	61.92	-159.25	-18.88	30.34	1.01	19.12
16685	-18.89	12.62	-2.70	63.04	-161.58	-20.58	12.37	1.87	19.56
16686	-17.92	13.96	-2.70	60.93	-159.83	-21.97	-5.53	2.71	19.34
16687	-16.86	15.22	-2.70	55.38	-154.50	-23.22	-22.66	3.45	18.88
16688	-15.71	16.41	-2.70	46.59	-145.97	-24.39	-38.34	4.11	18.30
16689	-14.48	17.51	-2.70	34.99	-134.63	-25.47	-51.91	4.72	17.64
16690	-13.17	18.52	-2.70	21.18	-120.97	-26.46	-62.79	5.29	16.94
16691	-11.79	19.42	-2.70	5.86	-105.59	-27.38	-70.48	5.82	16.21
16692	-10.35	20.23	-2.70	-10.11	-89.19	-28.21	-74.65	6.32	15.49
16693	-8.85	20.93	-2.70	-25.79	-72.52	-28.95	-75.14	6.79	14.79
16694	-7.30	21.52	-2.70	-40.21	-56.40	-29.61	-71.97	7.22	14.12
16695	-5.72	21.99	-2.70	-52.46	-41.61	-30.21	-65.40	7.56	13.48
16696	-4.11	22.35	-2.70	-61.85	-28.88	-30.75	-55.86	7.72	12.87
16697	-2.47	22.59	-2.70	-67.98	-18.86	-31.20	-44.03	7.61	12.29
16698	-0.83	22.71	-2.70	-70.69	-12.05	-31.49	-30.73	7.25	11.73
16699	-21.43	9.79	-2.70	25.71	-87.72	5.11	6.40	28.79	27.10
16700	-20.65	11.34	-2.70	25.32	-88.52	5.03	-3.17	31.52	25.27
16701	-19.76	12.83	-2.70	23.94	-86.92	5.01	-12.47	34.22	22.25
16702	-18.76	14.25	-2.70	20.90	-83.21	5.21	-21.36	36.37	18.38
16703	-17.66	15.59	-2.70	16.14	-77.73	5.48	-29.54	37.85	14.02
16704	-16.47	16.85	-2.70	9.80	-70.76	5.77	-36.70	38.66	9.37
16705	-15.18	18.02	-2.70	2.12	-62.52	6.09	-42.50	38.80	4.58
16706	-13.81	19.09	-2.70	-6.54	-53.28	6.40	-46.64	38.27	-0.23
16707	-12.37	20.05	-2.70	-15.75	-43.37	6.71	-48.88	37.07	-4.95
16708	-10.86	20.91	-2.70	-24.99	-33.17	7.00	-49.06	35.25	-9.47
16709	-9.29	21.65	-2.70	-33.66	-23.11	7.26	-47.13	32.82	-13.69
16710	-7.67	22.28	-2.70	-41.16	-13.63	7.47	-43.16	29.82	-17.54
16711	-6.01	22.78	-2.70	-46.92	-5.17	7.61	-37.36	26.26	-20.93
16712	-4.32	23.17	-2.70	-50.54	1.88	7.67	-30.08	22.08	-23.81
16713	-2.60	23.42	-2.70	-51.91	7.19	7.66	-21.81	17.26	-26.09
16714	-0.87	23.55	-2.70	-51.12	10.54	7.65	-13.07	11.92	-27.66
16715	-17.76	9.62	-4.10	-380.32	-303.88	-1246.84	184.88	-865.44	388.63
16716	-17.06	10.82	-4.10	-386.49	-342.47	-1326.19	201.92	-891.03	480.22
16717	-16.27	11.98	-4.10	-386.13	-384.88	-1405.63	216.75	-905.82	577.87
16718	-15.40	13.08	-4.10	-379.48	-430.13	-1483.51	227.99	-908.16	678.66
16719	-14.46	14.11	-4.10	-367.56	-476.05	-1559.60	234.00	-897.03	780.32
16720	-13.44	15.08	-4.10	-352.20	-522.19	-1633.81	234.96	-873.66	880.89
16721	-12.37	15.98	-4.10	-334.04	-567.45	-1706.49	230.66	-838.72	980.11
16722	-11.23	16.80	-4.10	-313.79	-611.83	-1776.22	220.95	-790.06	1077.90
16723	-10.04	17.54	-4.10	-292.93	-654.30	-1841.09	205.59	-728.62	1170.46
16724	-8.80	18.19	-4.10	-272.32	-693.72	-1900.57	184.88	-655.44	1256.50
16725	-7.52	18.76	-4.10	-252.88	-729.25	-1954.09	159.08	-571.24	1334.56
16726	-6.20	19.23	-4.10	-235.54	-759.97	-2000.97	128.63	-477.01	1403.09
16727	-4.86	19.62	-4.10	-221.18	-785.06	-2040.60	94.18	-374.06	1460.65
16728	-3.49	19.90	-4.10	-210.53	-803.77	-2072.43	56.51	-263.94	1505.93
16729	-2.10	20.10	-4.10	-204.27	-815.52	-2096.04	16.52	-148.41	1537.87
16730	-0.70	20.20	-4.10	-202.69	-819.75	-2111.45	-24.86	-29.36	1555.93
16731	-18.68	9.66	-4.10	-405.07	-250.42	-517.56	240.07	-606.03	284.19

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]
16732	-17.95	10.95	-4.10	-400.24	-293.22	-549.79	263.07	-621.33	347.43
16733	-17.14	12.19	-4.10	-390.54	-341.96	-582.27	284.00	-630.53	415.25
16734	-16.24	13.37	-4.10	-375.38	-394.90	-614.45	300.92	-632.58	485.55
16735	-15.26	14.48	-4.10	-355.19	-451.66	-646.91	313.00	-626.82	557.83
16736	-14.20	15.53	-4.10	-330.60	-511.01	-679.06	318.99	-612.50	630.83
16737	-13.07	16.49	-4.10	-302.67	-571.91	-710.59	318.36	-589.51	703.53
16738	-11.88	17.37	-4.10	-271.95	-633.42	-741.00	310.38	-557.36	774.91
16739	-10.62	18.17	-4.10	-239.73	-693.73	-769.47	294.31	-515.68	843.30
16740	-9.32	18.87	-4.10	-207.54	-751.07	-795.50	270.13	-464.99	907.04
16741	-7.96	19.48	-4.10	-176.78	-803.81	-818.86	238.11	-405.96	964.92
16742	-6.57	19.99	-4.10	-148.83	-850.36	-839.31	198.78	-339.38	1015.80
16743	-5.14	20.41	-4.10	-125.02	-889.23	-856.63	153.01	-266.26	1058.55
16744	-3.69	20.72	-4.10	-106.57	-919.07	-870.61	101.96	-187.84	1092.18
16745	-2.22	20.93	-4.10	-94.47	-938.81	-881.07	47.02	-105.48	1115.85
16746	-0.74	21.03	-4.10	-89.42	-947.69	-887.86	-10.32	-20.43	1128.90
16747	-19.60	9.70	-4.10	-193.54	-126.87	-178.64	154.32	-256.00	137.38
16748	-18.85	11.08	-4.10	-186.47	-150.80	-192.35	166.59	-262.93	165.47
16749	-18.01	12.41	-4.10	-177.03	-177.88	-205.45	177.06	-266.63	194.93
16750	-17.08	13.67	-4.10	-164.88	-207.28	-217.65	185.17	-267.23	225.08
16751	-16.06	14.85	-4.10	-150.26	-238.46	-229.34	190.38	-264.41	255.69
16752	-14.95	15.97	-4.10	-133.50	-271.09	-240.66	192.21	-257.91	286.51
16753	-13.77	17.00	-4.10	-115.03	-304.56	-251.48	190.18	-247.52	317.09
16754	-12.52	17.94	-4.10	-95.34	-338.25	-261.76	183.98	-233.18	346.94
16755	-11.20	18.79	-4.10	-75.04	-371.35	-271.39	173.28	-214.83	375.53
16756	-9.83	19.55	-4.10	-54.91	-402.82	-280.21	157.95	-192.55	402.20
16757	-8.41	20.20	-4.10	-35.77	-431.70	-288.10	138.16	-166.63	426.38
16758	-6.94	20.76	-4.10	-18.35	-457.08	-295.06	114.26	-137.47	447.60
16759	-5.43	21.20	-4.10	-3.38	-478.13	-301.05	86.75	-105.55	465.39
16760	-3.90	21.54	-4.10	8.50	-494.10	-306.05	56.32	-71.54	479.32
16761	-2.35	21.76	-4.10	16.65	-504.39	-309.93	23.75	-36.11	488.97
16762	-0.78	21.87	-4.10	20.57	-508.57	-312.42	-10.17	0.17	493.96
16763	-20.51	9.75	-4.10	-59.92	-48.66	-98.21	81.61	-75.87	83.93
16764	-19.75	11.21	-4.10	-53.73	-58.06	-106.45	86.78	-76.21	92.93
16765	-18.89	12.62	-4.10	-46.45	-69.23	-114.86	90.71	-75.67	102.17
16766	-17.92	13.96	-4.10	-38.14	-81.40	-122.48	93.40	-74.26	110.93
16767	-16.86	15.22	-4.10	-28.97	-94.32	-129.63	94.65	-71.98	119.40
16768	-15.71	16.41	-4.10	-19.08	-107.81	-136.37	94.31	-68.73	127.66
16769	-14.48	17.51	-4.10	-8.63	-121.67	-142.71	92.20	-64.43	135.70
16770	-13.17	18.52	-4.10	2.19	-135.60	-148.62	88.20	-59.03	143.41
16771	-11.79	19.42	-4.10	13.11	-149.27	-154.05	82.19	-52.52	150.68
16772	-10.35	20.23	-4.10	23.84	-162.26	-158.98	74.12	-44.91	157.36
16773	-8.85	20.93	-4.10	34.04	-174.12	-163.38	64.06	-36.28	163.32
16774	-7.30	21.52	-4.10	43.42	-184.46	-167.29	52.18	-26.77	168.43
16775	-5.72	21.99	-4.10	51.73	-192.90	-170.76	38.71	-16.61	172.56
16776	-4.11	22.35	-4.10	58.69	-199.13	-173.81	23.96	-6.17	175.59
16777	-2.47	22.59	-4.10	63.97	-202.89	-176.29	8.25	4.17	177.37
16778	-0.83	22.71	-4.10	67.15	-203.98	-177.87	-8.11	14.27	177.80
16779	-21.43	9.79	-4.10	-3.35	14.28	-7.28	33.16	22.68	84.07
16780	-20.65	11.34	-4.10	1.44	14.52	-8.25	37.45	27.53	81.75
16781	-19.76	12.83	-4.10	7.20	12.94	-10.04	41.38	32.53	79.23
16782	-18.76	14.25	-4.10	13.82	10.17	-11.33	44.66	36.89	75.60
16783	-17.66	15.59	-4.10	21.18	6.44	-12.28	47.20	40.45	71.02
16784	-16.47	16.85	-4.10	29.20	1.89	-12.99	48.85	43.17	65.86
16785	-15.18	18.02	-4.10	37.76	-3.33	-13.53	49.46	45.07	60.35
16786	-13.81	19.09	-4.10	46.70	-9.05	-13.94	48.91	46.18	54.69
16787	-12.37	20.05	-4.10	55.85	-15.04	-14.25	47.08	46.50	49.01
16788	-10.86	20.91	-4.10	64.95	-21.07	-14.48	43.90	46.06	43.45
16789	-9.29	21.65	-4.10	73.78	-26.84	-14.67	39.35	44.92	38.15
16790	-7.67	22.28	-4.10	82.14	-32.09	-14.91	33.50	43.08	33.20
16791	-6.01	22.78	-4.10	89.85	-36.55	-15.31	26.45	40.46	28.68
16792	-4.32	23.17	-4.10	96.72	-40.00	-15.92	18.34	36.88	24.66
16793	-2.60	23.42	-4.10	102.43	-42.22	-16.62	9.33	32.16	21.25
16794	-0.87	23.55	-4.10	106.62	-43.06	-17.09	-0.39	26.42	18.59
16795	-17.76	9.62	-5.50	-158.97	-63.83	-1176.24	100.00	-729.77	300.80
16796	-17.06	10.82	-5.50	-156.49	-80.59	-1252.40	113.60	-751.41	378.61
16797	-16.27	11.98	-5.50	-149.88	-99.80	-1327.27	126.05	-763.89	460.41
16798	-15.40	13.08	-5.50	-139.69	-121.74	-1400.62	136.38	-765.89	545.52
16799	-14.46	14.11	-5.50	-126.63	-145.85	-1471.91	143.74	-756.84	631.43
16800	-13.44	15.08	-5.50	-111.08	-170.97	-1540.68	147.80	-737.17	716.52
16801	-12.37	15.98	-5.50	-93.84	-196.68	-1606.95	148.35	-707.22	800.22
16802	-11.23	16.80	-5.50	-75.07	-222.89	-1669.89	145.16	-665.86	881.99
16803	-10.04	17.54	-5.50	-55.67	-248.54	-1728.39	137.74	-613.63	959.26
16804	-8.80	18.19	-5.50	-36.51	-272.98	-1781.89	126.15	-551.33	1030.87
16805	-7.52	18.76	-5.50	-18.38	-295.42	-1829.90	110.55	-479.69	1095.55
16806	-6.20	19.23	-5.50	-2.06	-315.11	-1871.94	91.24	-399.65	1152.13
16807	-4.86	19.62	-5.50	11.74	-331.36	-1907.55	68.72	-312.34	1199.49
16808	-3.49	19.90	-5.50	22.34	-343.56	-1936.31	43.61	-219.09	1236.62
16809	-2.10	20.10	-5.50	29.21	-351.15	-1957.88	16.65	-121.36	1262.66
16810	-0.70	20.20	-5.50	31.97	-353.77	-1972.05	-11.41	-20.51	1277.05
16811	-18.68	9.66	-5.50	-199.52	-39.50	-719.41	138.97	-612.13	278.33
16812	-17.95	10.95	-5.50	-194.05	-61.55	-767.24	159.71	-630.55	344.43
16813	-17.14	12.19	-5.50	-183.58	-87.42	-814.45	178.91	-641.79	414.08
16814	-16.24	13.37	-5.50	-168.27	-117.29	-860.72	195.32	-644.78	486.42
16815	-15.26	14.48	-5.50	-148.50	-150.40	-905.77	207.90	-638.77	560.13
16816	-14.20	15.53	-5.50	-125.09	-186.05	-949.51	215.87	-623.56	633.97
16817	-13.07	16.49	-5.50	-98.81	-223.34	-991.65	218.76	-599.05	706.90
16818	-11.88	17.37	-5.50	-70.43	-261.61	-1031.72	216.06	-565.11	777.89
16819	-10.62	18.17	-5.50	-41.05	-299.86	-1069.09	207.27	-521.69	845.62
16820	-9.32	18.87	-5.50	-11.93	-336.78	-1103.22	192.26	-469.29	908.60
16821	-7.96	19.48	-5.50	15.74	-371.16	-1133.79	171.20	-408.57	965.65
16822	-6.57	19.99	-5.50	40.82	-401.82	-1160.54	144.50	-340.37	1015.68
16823	-5.14	20.41	-5.50	62.26	-427.64	-1183.24	112.84	-265.73	1057.67
16824	-3.69	20.72	-5.50	79.10	-447.62	-1201.67	77.13	-185.90	1090.66
16825	-2.22	20.93	-5.50	90.53	-460.91	-1215.55	38.47	-102.24	1113.80
16826	-0.74	21.03	-5.50	95.91	-466.85	-1224.53	-2.00	-15.98	1126.28
16827	-19.60	9.70	-5.50	-164.41	2.21	-397.29	131.61	-380.54	202.67
16828	-18.85	11.08	-5.50	-155.67	-15.94	-426.07	152.32	-391.44	244.50
16829	-18.01	12.41	-5.50	-142.98	-38.25	-454.17	171.59	-398.03	288.31
16830	-17.08	13.67	-5.50	-126.05	-64.75	-481.48	188.26	-399.70	333.66

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]
16831	-16.06	14.85	-5.50	-105.14	-94.91	-507.87	201.47	-395.99	379.90
16832	-14.95	15.97	-5.50	-80.73	-128.05	-533.30	210.42	-386.51	426.37
16833	-13.77	17.00	-5.50	-53.51	-163.40	-557.64	214.46	-371.10	472.36
16834	-12.52	17.94	-5.50	-24.25	-200.14	-580.65	213.01	-349.67	517.14
16835	-11.20	18.79	-5.50	6.05	-237.21	-602.04	205.56	-322.21	559.86
16836	-9.83	19.55	-5.50	36.19	-273.35	-621.53	191.88	-288.94	599.66
16837	-8.41	20.20	-5.50	64.92	-307.28	-638.96	172.06	-250.25	635.73
16838	-6.94	20.76	-5.50	91.08	-337.76	-654.25	146.49	-206.70	667.36
16839	-5.43	21.20	-5.50	113.65	-363.61	-667.39	115.81	-159.02	693.90
16840	-3.90	21.54	-5.50	131.66	-383.79	-678.33	80.97	-108.17	714.72
16841	-2.35	21.76	-5.50	144.27	-397.42	-686.78	43.07	-55.21	729.18
16842	-0.78	21.87	-5.50	150.66	-403.83	-692.22	3.29	-1.04	736.67
16843	-20.51	9.75	-5.50	-71.75	54.88	-227.69	88.97	-167.43	143.98
16844	-19.75	11.21	-5.50	-62.15	46.55	-246.49	104.97	-170.51	163.35
16845	-18.89	12.62	-5.50	-49.74	34.93	-264.85	119.69	-171.70	182.95
16846	-17.92	13.96	-5.50	-34.34	19.86	-282.43	132.55	-170.79	202.80
16847	-16.86	15.22	-5.50	-16.12	1.79	-299.01	142.91	-167.64	222.63
16848	-15.71	16.41	-5.50	4.57	-18.80	-314.65	150.24	-162.05	242.34
16849	-14.48	17.51	-5.50	27.30	-41.36	-329.34	154.04	-153.90	261.68
16850	-13.17	18.52	-5.50	51.46	-65.29	-343.04	153.84	-143.14	280.38
16851	-11.79	19.42	-5.50	76.31	-89.82	-355.64	149.26	-129.80	298.10
16852	-10.35	20.23	-5.50	100.95	-114.07	-367.06	140.07	-113.95	314.51
16853	-8.85	20.93	-5.50	124.44	-137.09	-377.24	126.28	-95.73	329.27
16854	-7.30	21.52	-5.50	145.89	-157.93	-386.25	108.16	-75.39	342.10
16855	-5.72	21.99	-5.50	164.54	-175.71	-394.23	86.18	-53.35	352.72
16856	-4.11	22.35	-5.50	179.73	-189.63	-401.25	61.03	-30.26	360.85
16857	-2.47	22.59	-5.50	190.77	-199.03	-407.02	33.55	-6.87	366.18
16858	-0.83	22.71	-5.50	196.87	-203.44	-410.74	4.60	16.31	368.36
16859	-21.43	9.79	-5.50	-3.46	100.61	-82.23	56.13	-13.86	125.13
16860	-20.65	11.34	-5.50	6.30	100.34	-90.01	69.09	-9.42	127.35
16861	-19.76	12.83	-5.50	18.73	97.09	-98.33	81.27	-4.51	128.73
16862	-18.76	14.25	-5.50	33.49	90.71	-106.21	92.13	0.18	129.25
16863	-17.66	15.59	-5.50	50.45	81.59	-113.28	101.18	4.55	128.94
16864	-16.47	16.85	-5.50	69.34	70.16	-119.63	107.98	8.64	128.05
16865	-15.18	18.02	-5.50	89.78	56.87	-125.34	112.13	12.48	126.76
16866	-13.81	19.09	-5.50	111.29	42.20	-130.50	113.28	16.11	125.19
16867	-12.37	20.05	-5.50	133.26	26.69	-135.11	111.10	19.53	123.40
16868	-10.86	20.91	-5.50	154.97	10.99	-139.19	105.40	22.77	121.44
16869	-9.29	21.65	-5.50	175.63	-4.21	-142.81	96.14	25.86	119.36
16870	-7.67	22.28	-5.50	194.54	-18.19	-146.12	83.50	28.78	117.21
16871	-6.01	22.78	-5.50	211.11	-30.28	-149.38	67.82	31.36	114.97
16872	-4.32	23.17	-5.50	224.86	-39.86	-152.74	49.58	33.23	112.65
16873	-2.60	23.42	-5.50	235.24	-46.43	-155.90	29.35	33.91	110.25
16874	-0.87	23.55	-5.50	241.51	-49.65	-158.01	7.77	33.27	107.87
16875	-17.76	9.62	-6.90	-15.91	107.75	-1107.17	61.07	-637.77	255.65
16876	-17.06	10.82	-6.90	-7.54	103.51	-1178.59	74.72	-656.50	323.55
16877	-16.27	11.98	-6.90	3.99	96.41	-1248.38	87.52	-667.32	394.95
16878	-15.40	13.08	-6.90	18.60	86.70	-1316.27	98.60	-668.78	469.25
16879	-14.46	14.11	-6.90	35.59	74.69	-1381.95	107.15	-660.46	543.96
16880	-13.44	15.08	-6.90	54.51	61.13	-1445.08	112.98	-642.77	617.98
16881	-12.37	15.98	-6.90	74.66	46.42	-1505.46	115.91	-615.98	690.59
16882	-11.23	16.80	-6.90	95.88	30.43	-1562.44	115.68	-579.35	761.19
16883	-10.04	17.54	-6.90	117.36	14.13	-1615.21	111.81	-533.32	827.74
16884	-8.80	18.19	-6.90	138.24	-1.94	-1663.26	104.31	-478.55	889.28
16885	-7.52	18.76	-6.90	157.77	-17.14	-1706.18	93.28	-415.70	944.75
16886	-6.20	19.23	-6.90	175.25	-30.82	-1743.61	78.99	-345.58	993.15
16887	-4.86	19.62	-6.90	190.03	-42.36	-1775.24	61.87	-269.20	1033.57
16888	-3.49	19.90	-6.90	201.51	-51.21	-1800.78	42.50	-187.73	1065.18
16889	-2.10	20.10	-6.90	209.17	-56.87	-1819.92	21.56	-102.41	1087.24
16890	-0.70	20.20	-6.90	212.56	-59.00	-1832.39	-0.19	-14.36	1099.18
16891	-18.68	9.66	-6.90	-65.07	110.70	-805.08	92.07	-562.59	256.58
16892	-17.95	10.95	-6.90	-54.86	101.81	-859.78	111.78	-580.30	317.81
16893	-17.14	12.19	-6.90	-40.57	88.96	-913.27	130.21	-591.11	382.29
16894	-16.24	13.37	-6.90	-22.33	72.33	-965.32	146.36	-594.08	449.10
16895	-15.26	14.48	-6.90	-0.51	52.28	-1015.71	159.42	-588.49	517.15
16896	-14.20	15.53	-6.90	24.32	29.44	-1064.20	168.69	-574.13	585.10
16897	-13.07	16.49	-6.90	51.47	4.50	-1110.52	173.71	-551.01	651.95
16898	-11.88	17.37	-6.90	80.24	-22.00	-1154.25	174.00	-519.13	716.71
16899	-10.62	18.17	-6.90	109.68	-49.23	-1194.83	169.07	-478.60	778.26
16900	-9.32	18.87	-6.90	138.61	-76.09	-1231.77	158.74	-429.85	835.37
16901	-7.96	19.48	-6.90	165.90	-101.56	-1264.73	143.10	-373.48	887.02
16902	-6.57	19.99	-6.90	190.52	-124.63	-1293.49	122.52	-310.25	932.26
16903	-5.14	20.41	-6.90	211.53	-144.34	-1317.89	97.58	-241.12	970.21
16904	-3.69	20.72	-6.90	228.11	-159.84	-1337.76	69.16	-167.27	1000.04
16905	-2.22	20.93	-6.90	239.51	-170.36	-1352.80	38.30	-90.01	1020.93
16906	-0.74	21.03	-6.90	245.09	-175.25	-1362.47	6.03	-10.52	1031.98
16907	-19.60	9.70	-6.90	-70.90	123.84	-552.03	99.89	-404.57	220.97
16908	-18.85	11.08	-6.90	-59.00	115.05	-592.63	121.87	-417.17	265.84
16909	-18.01	12.41	-6.90	-42.98	101.72	-632.29	142.43	-424.94	312.87
16910	-17.08	13.67	-6.90	-22.80	84.01	-670.70	160.55	-427.19	361.49
16911	-16.06	14.85	-6.90	1.25	62.33	-707.61	175.39	-423.33	411.02
16912	-14.95	15.97	-6.90	28.65	37.31	-742.89	186.22	-413.03	460.66
16913	-13.77	17.00	-6.90	58.74	9.65	-776.40	192.40	-396.21	509.59
16914	-12.52	17.94	-6.90	90.68	-19.88	-807.88	193.36	-372.88	557.02
16915	-11.20	18.79	-6.90	123.44	-50.36	-837.01	188.58	-343.16	602.10
16916	-9.83	19.55	-6.90	155.75	-80.62	-863.45	177.79	-307.31	644.00
16917	-8.41	20.20	-6.90	186.34	-109.45	-887.01	161.03	-265.74	681.94
16918	-6.94	20.76	-6.90	214.02	-135.69	-907.63	138.65	-218.97	715.19
16919	-5.43	21.20	-6.90	237.77	-158.24	-925.35	111.29	-167.77	743.15
16920	-3.90	21.54	-6.90	256.77	-176.12	-940.21	79.92	-113.18	765.21
16921	-2.35	21.76	-6.90	270.17	-188.44	-951.86	45.77	-56.50	780.64
16922	-0.78	21.87	-6.90	277.02	-194.45	-959.39	10.07	1.13	788.57
16923	-20.51	9.75	-6.90	-35.83	144.95	-374.49	86.93	-222.48	180.40
16924	-19.75	11.21	-6.90	-22.62	140.37	-405.12	107.54	-227.64	205.83
16925	-18.89	12.62	-6.90	-5.91	131.28	-435.18	126.72	-230.34	231.89
16926	-17.92	13.96	-6.90	14.52	117.85	-464.07	143.73	-230.14	258.42
16927	-16.86	15.22	-6.90	38.37	100.46	-491.45	157.80	-226.73	285.20
16928	-15.71	16.41	-6.90	65.24	79.73	-517.24	168.28	-219.84	311.94
16929	-14.48	17.51	-6.90	94.54	56.33	-541.43	174.58	-209.37	338.22

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]
16930	-13.17	18.52	-6.90	125.51	30.97	-563.94	176.13	-195.32	363.62
16931	-11.79	19.42	-6.90	157.20	4.53	-584.60	172.45	-177.78	387.67
16932	-10.35	20.23	-6.90	188.43	-21.97	-603.27	163.24	-156.87	409.94
16933	-8.85	20.93	-6.90	218.00	-47.42	-619.86	148.49	-132.77	430.02
16934	-7.30	21.52	-6.90	244.75	-70.70	-634.48	128.49	-105.76	447.53
16935	-5.72	21.99	-6.90	267.79	-90.80	-647.40	103.80	-76.26	462.16
16936	-4.11	22.35	-6.90	286.44	-106.76	-658.89	75.33	-45.12	473.61
16937	-2.47	22.59	-6.90	299.96	-117.75	-668.58	44.23	-13.57	481.40
16938	-0.83	22.71	-6.90	307.24	-123.18	-675.01	11.65	17.39	484.90
16939	-21.43	9.79	-6.90	9.28	168.35	-217.83	72.69	-43.12	149.04
16940	-20.65	11.34	-6.90	23.14	168.39	-237.91	90.86	-39.46	154.57
16941	-19.76	12.83	-6.90	40.64	164.14	-258.20	107.96	-35.22	159.17
16942	-18.76	14.25	-6.90	61.38	155.74	-277.62	123.23	-30.88	162.93
16943	-17.66	15.59	-6.90	85.09	143.56	-295.61	135.96	-26.39	166.07
16944	-16.47	16.85	-6.90	111.36	128.23	-312.12	145.55	-21.62	168.77
16945	-15.18	18.02	-6.90	139.68	110.38	-327.26	151.51	-16.53	171.13
16946	-13.81	19.09	-6.90	169.37	90.68	-341.10	153.36	-11.09	173.13
16947	-12.37	20.05	-6.90	199.56	69.86	-353.65	150.66	-5.34	174.75
16948	-10.86	20.91	-6.90	229.19	48.75	-364.86	143.15	0.73	175.98
16949	-9.29	21.65	-6.90	257.13	28.30	-374.78	130.81	7.16	176.81
16950	-7.67	22.28	-6.90	282.37	9.46	-383.65	113.86	13.95	177.22
16951	-6.01	22.78	-6.90	304.12	-6.87	-391.93	92.81	20.99	177.19
16952	-4.32	23.17	-6.90	321.84	-19.85	-400.05	68.38	27.72	176.62
16953	-2.60	23.42	-6.90	334.95	-28.81	-407.63	41.46	33.14	175.41
16954	-0.87	23.55	-6.90	342.35	-33.29	-412.81	12.98	36.60	173.52
16955	-17.76	9.62	-8.30	83.97	245.28	-1047.74	46.00	-558.36	227.69
16956	-17.06	10.82	-8.30	98.08	248.44	-1114.18	61.26	-574.78	287.09
16957	-16.27	11.98	-8.30	114.99	248.44	-1178.86	75.58	-584.29	349.60
16958	-15.40	13.08	-8.30	134.61	245.51	-1241.57	88.26	-585.41	414.74
16959	-14.46	14.11	-8.30	156.31	239.76	-1302.16	98.54	-577.80	480.04
16960	-13.44	15.08	-8.30	179.72	231.91	-1360.36	106.21	-561.85	544.60
16961	-12.37	15.98	-8.30	204.09	222.29	-1415.89	111.06	-537.87	607.66
16962	-11.23	16.80	-8.30	229.30	210.66	-1468.13	112.77	-505.39	668.71
16963	-10.04	17.54	-8.30	254.47	198.08	-1516.32	110.78	-464.83	726.11
16964	-8.80	18.19	-8.30	278.69	185.10	-1559.99	105.08	-416.71	779.09
16965	-7.52	18.76	-8.30	301.14	172.40	-1598.80	95.77	-361.58	826.78
16966	-6.20	19.23	-8.30	321.08	160.66	-1632.48	83.11	-300.12	868.37
16967	-4.86	19.62	-8.30	337.84	150.47	-1660.82	67.56	-233.21	903.07
16968	-3.49	19.90	-8.30	350.84	142.40	-1683.64	49.74	-161.87	930.19
16969	-2.10	20.10	-8.30	359.54	136.97	-1700.68	30.40	-87.21	949.08
16970	-0.70	20.20	-8.30	363.39	134.59	-1711.66	10.38	-10.19	959.21
16971	-18.68	9.66	-8.30	32.89	232.62	-844.08	70.80	-501.92	236.37
16972	-17.95	10.95	-8.30	48.01	231.82	-901.66	90.91	-518.18	291.15
16973	-17.14	12.19	-8.30	66.78	226.96	-957.78	109.69	-528.20	348.90
16974	-16.24	13.37	-8.30	89.00	218.16	-1012.14	126.29	-531.02	408.71
16975	-15.26	14.48	-8.30	114.33	205.83	-1064.49	140.04	-525.91	469.56
16976	-14.20	15.53	-8.30	142.24	190.38	-1114.68	150.35	-512.70	530.15
16977	-13.07	16.49	-8.30	172.13	172.40	-1162.42	156.77	-491.52	589.52
16978	-11.88	17.37	-8.30	203.32	152.33	-1207.27	158.79	-462.53	646.76
16979	-10.62	18.17	-8.30	234.83	130.96	-1248.69	155.86	-425.91	700.96
16980	-9.32	18.87	-8.30	265.47	109.34	-1286.20	147.79	-382.05	751.16
16981	-7.96	19.48	-8.30	294.12	88.44	-1319.51	134.66	-331.44	796.50
16982	-6.57	19.99	-8.30	319.74	69.21	-1348.43	116.80	-274.73	836.19
16983	-5.14	20.41	-8.30	341.44	52.48	-1372.89	94.81	-212.73	869.49
16984	-3.69	20.72	-8.30	358.50	39.00	-1392.79	69.55	-146.51	895.74
16985	-2.22	20.93	-8.30	370.24	29.50	-1407.89	42.16	-77.34	914.18
16986	-0.74	21.03	-8.30	375.92	24.72	-1417.57	13.75	-6.39	923.83
16987	-19.60	9.70	-8.30	5.35	224.58	-657.32	85.30	-384.72	220.00
16988	-18.85	11.08	-8.30	21.37	222.11	-706.24	108.23	-397.33	262.83
16989	-18.01	12.41	-8.30	41.42	214.85	-754.04	129.58	-405.26	307.72
16990	-17.08	13.67	-8.30	65.41	202.95	-800.15	148.47	-407.73	354.11
16991	-16.06	14.85	-8.30	92.99	186.85	-844.23	164.14	-404.12	401.36
16992	-14.95	15.97	-8.30	123.67	167.13	-886.15	175.98	-394.12	448.67
16993	-13.77	17.00	-8.30	156.80	144.43	-925.77	183.36	-377.72	495.14
16994	-12.52	17.94	-8.30	191.56	119.45	-962.83	185.65	-355.07	540.00
16995	-11.20	18.79	-8.30	226.88	93.07	-996.96	182.30	-326.38	582.50
16996	-9.83	19.55	-8.30	261.43	66.43	-1027.81	173.00	-291.92	621.91
16997	-8.41	20.20	-8.30	293.87	40.73	-1055.16	157.78	-252.05	657.55
16998	-6.94	20.76	-8.30	322.95	17.08	-1078.97	136.95	-207.22	688.81
16999	-5.43	21.20	-8.30	347.68	-3.51	-1099.38	111.16	-158.04	715.18
17000	-3.90	21.54	-8.30	367.37	-20.18	-1116.59	81.43	-105.51	736.23
17001	-2.35	21.76	-8.30	381.34	-32.06	-1130.38	49.18	-51.14	751.32
17002	-0.78	21.87	-8.30	388.45	-38.19	-1139.46	15.94	3.55	759.21
17003	-20.51	9.75	-8.30	6.31	221.89	-508.49	88.06	-232.05	192.40
17004	-19.75	11.21	-8.30	23.08	220.20	-550.43	111.27	-238.09	218.85
17005	-18.89	12.62	-8.30	43.82	213.36	-591.69	132.77	-241.55	245.93
17006	-17.92	13.96	-8.30	68.56	201.58	-631.25	151.79	-241.88	273.51
17007	-16.86	15.22	-8.30	96.92	185.37	-668.59	167.58	-238.63	301.48
17008	-15.71	16.41	-8.30	128.41	165.41	-703.66	179.50	-231.53	329.49
17009	-14.48	17.51	-8.30	162.39	142.43	-736.46	186.94	-220.52	357.03
17010	-13.17	18.52	-8.30	198.04	117.15	-766.89	189.26	-205.70	383.57
17011	-11.79	19.42	-8.30	234.26	90.49	-794.75	185.91	-187.23	408.64
17012	-10.35	20.23	-8.30	269.73	63.54	-819.84	176.56	-165.26	431.82
17013	-8.85	20.93	-8.30	303.04	37.49	-842.06	161.19	-139.97	452.70
17014	-7.30	21.52	-8.30	332.86	13.52	-861.48	140.07	-111.54	470.96
17015	-5.72	21.99	-8.30	358.20	-7.34	-878.58	113.82	-80.25	486.36
17016	-4.11	22.35	-8.30	378.54	-24.17	-894.05	83.45	-46.89	498.78
17017	-2.47	22.59	-8.30	393.46	-36.02	-907.84	50.47	-13.25	507.77
17018	-0.83	22.71	-8.30	401.49	-42.06	-917.50	16.56	18.68	512.18
17019	-21.43	9.79	-8.30	23.36	222.03	-386.32	87.04	-53.52	158.28
17020	-20.65	11.34	-8.30	40.43	221.72	-421.88	108.58	-50.42	164.78
17021	-19.76	12.83	-8.30	61.91	216.37	-457.34	128.83	-46.79	170.23
17022	-18.76	14.25	-8.30	87.13	206.10	-491.21	146.77	-43.00	174.80
17023	-17.66	15.59	-8.30	115.74	191.44	-522.70	161.59	-38.81	178.96
17024	-16.47	16.85	-8.30	147.23	173.18	-551.77	172.66	-34.00	182.92
17025	-15.18	18.02	-8.30	181.02	152.12	-578.58	179.46	-28.54	186.65
17026	-13.81	19.09	-8.30	216.32	128.97	-603.20	181.44	-22.48	190.03
17027	-12.37	20.05	-8.30	252.05	104.58	-625.56	178.09	-15.88	192.96
17028	-10.86	20.91	-8.30	286.93	79.89	-645.59	169.09	-8.77	195.42

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]
17029	-9.29	21.65	-8.30	319.60	56.01	-663.28	154.41	-1.09	197.38
17030	-7.67	22.28	-8.30	348.74	34.03	-678.86	134.35	7.28	198.84
17031	-6.01	22.78	-8.30	373.41	14.97	-693.08	109.49	16.44	199.81
17032	-4.32	23.17	-8.30	393.24	-0.26	-707.09	80.75	25.88	200.25
17033	-2.60	23.42	-8.30	407.99	-10.81	-720.87	49.33	33.80	199.95
17034	-0.87	23.55	-8.30	416.18	-16.11	-730.94	16.51	38.19	198.57
17035	0.61	-2.50	-2.70	106.95	-6.18	-523.47	10.20	-6.79	-503.05
17036	0.61	-3.10	-2.70	102.23	-4.01	-445.46	9.73	-10.75	-501.48
17037	1.84	-2.50	-2.70	112.83	-6.56	-526.77	14.41	23.84	-498.23
17038	1.83	-3.10	-2.70	108.14	-4.24	-448.87	14.09	15.95	-496.90
17039	3.07	-2.50	-2.70	115.39	-7.57	-526.47	17.84	53.87	-487.74
17040	3.06	-3.10	-2.70	111.01	-4.96	-449.19	17.69	42.14	-486.75
17041	4.30	-2.50	-2.70	114.78	-9.30	-522.53	20.00	82.45	-471.96
17042	4.28	-3.10	-2.70	110.95	-6.25	-446.28	20.08	67.03	-471.41
17043	5.52	-2.50	-2.70	111.32	-11.85	-515.12	20.47	108.72	-451.50
17044	5.50	-3.10	-2.70	108.21	-8.27	-440.22	20.85	89.83	-451.43
17045	6.75	-2.50	-2.70	105.47	-15.38	-504.64	18.94	131.82	-427.07
17046	6.72	-3.10	-2.70	103.19	-11.21	-431.29	19.71	109.71	-427.52
17047	7.98	-2.50	-2.70	97.88	-20.06	-491.71	15.19	151.04	-399.55
17048	7.94	-3.10	-2.70	96.49	-15.31	-419.99	16.45	125.94	-400.49
17049	9.21	-2.50	-2.70	89.34	-26.14	-477.11	9.10	165.85	-369.87
17050	9.17	-3.10	-2.70	88.87	-20.90	-406.98	10.98	137.94	-371.24
17051	10.43	-2.50	-2.70	80.72	-33.88	-461.66	0.63	175.95	-339.03
17052	10.39	-3.10	-2.70	81.23	-28.35	-393.04	3.31	145.31	-340.68
17053	11.66	-2.50	-2.70	72.88	-43.55	-446.17	-10.14	181.29	-308.02
17054	11.61	-3.10	-2.70	74.58	-38.05	-378.97	-6.47	147.90	-309.78
17055	12.89	-2.50	-2.70	66.56	-55.37	-431.33	-22.97	181.96	-277.79
17056	12.83	-3.10	-2.70	69.92	-50.35	-365.54	-18.12	145.74	-279.41
17057	14.12	-2.50	-2.70	62.46	-69.45	-417.97	-37.28	178.01	-248.90
17058	14.05	-3.10	-2.70	68.37	-65.40	-353.66	-31.10	138.95	-250.18
17059	15.34	-2.50	-2.70	62.02	-86.05	-407.56	-52.15	169.78	-220.78
17060	15.28	-3.10	-2.70	71.63	-82.98	-344.77	-44.35	127.93	-221.58
17061	16.57	-2.50	-2.70	68.56	-104.81	-401.58	-66.70	159.91	-189.86
17062	16.50	-3.10	-2.70	82.43	-101.84	-340.66	-56.83	114.61	-190.51
17063	17.80	-2.50	-2.70	85.70	-128.19	-395.57	-83.47	157.80	-149.83
17064	17.72	-3.10	-2.70	102.37	-117.77	-338.61	-68.52	104.66	-148.75
17065	19.03	-2.50	-2.70	114.69	-127.92	-363.59	-110.21	173.44	-79.97
17066	18.94	-3.10	-2.70	124.67	-123.60	-318.10	-84.75	98.14	-95.54
17067	0.61	-2.50	-4.10	132.29	29.97	-491.37	20.40	2.07	-501.45
17068	0.61	-3.10	-4.10	126.80	30.26	-424.40	19.90	-1.53	-499.62
17069	1.84	-2.50	-4.10	137.09	29.52	-494.52	24.70	28.45	-497.42
17070	1.83	-3.10	-4.10	131.61	29.95	-427.56	24.37	21.47	-495.78
17071	3.07	-2.50	-4.10	138.82	28.34	-494.88	28.53	54.33	-488.55
17072	3.06	-3.10	-4.10	133.58	29.06	-428.27	28.38	44.01	-487.17
17073	4.30	-2.50	-4.10	137.66	26.41	-492.44	31.57	78.98	-475.10
17074	4.28	-3.10	-4.10	132.86	27.53	-426.46	31.63	65.42	-474.05
17075	5.52	-2.50	-4.10	133.93	23.68	-487.40	33.55	101.68	-457.49
17076	5.50	-3.10	-4.10	129.72	25.28	-422.27	33.85	85.02	-456.83
17077	6.75	-2.50	-4.10	128.05	20.06	-480.11	34.27	121.74	-436.25
17078	6.72	-3.10	-4.10	124.56	22.20	-415.97	34.85	102.15	-436.00
17079	7.98	-2.50	-4.10	120.61	15.47	-471.10	33.63	138.59	-411.97
17080	7.94	-3.10	-4.10	117.90	18.14	-408.00	34.54	116.21	-412.15
17081	9.21	-2.50	-4.10	112.29	9.76	-460.96	31.61	151.75	-385.31
17082	9.17	-3.10	-4.10	110.44	12.90	-398.93	32.92	126.73	-385.90
17083	10.43	-2.50	-4.10	103.86	2.78	-450.37	28.26	160.94	-356.94
17084	10.39	-3.10	-4.10	102.97	6.26	-389.39	30.06	133.39	-357.88
17085	11.66	-2.50	-4.10	96.15	-5.63	-439.98	23.71	166.07	-327.49
17086	11.61	-3.10	-4.10	96.44	-2.05	-380.04	26.10	136.06	-328.69
17087	12.89	-2.50	-4.10	90.07	-15.60	-430.38	18.11	167.22	-297.49
17088	12.83	-3.10	-4.10	91.93	-12.29	-371.51	21.21	134.89	-298.83
17089	14.12	-2.50	-4.10	86.71	-27.13	-422.17	11.59	164.78	-267.26
17090	14.05	-3.10	-4.10	90.74	-24.56	-364.32	15.51	130.44	-268.60
17091	15.34	-2.50	-4.10	87.47	-39.88	-415.69	4.11	159.80	-236.72
17092	15.28	-3.10	-4.10	94.40	-38.60	-358.56	8.89	124.02	-238.00
17093	16.57	-2.50	-4.10	93.94	-53.17	-409.76	-4.72	154.98	-205.22
17094	16.50	-3.10	-4.10	104.13	-53.28	-352.47	0.95	118.30	-206.51
17095	17.80	-2.50	-4.10	105.89	-64.31	-397.25	-14.87	154.71	-170.01
17096	17.72	-3.10	-4.10	118.69	-66.35	-338.89	-9.10	116.35	-172.62
17097	19.03	-2.50	-4.10	116.10	-72.34	-360.42	-26.35	157.73	-124.57
17098	18.94	-3.10	-4.10	131.82	-72.73	-307.64	-23.26	113.01	-130.62
17099	0.61	-2.50	-5.50	164.02	70.61	-465.37	32.09	9.50	-493.13
17100	0.61	-3.10	-5.50	157.00	67.52	-407.85	31.52	6.26	-490.84
17101	1.84	-2.50	-5.50	167.39	70.16	-468.41	37.59	31.88	-489.68
17102	1.83	-3.10	-5.50	160.37	67.23	-410.83	37.18	25.72	-487.53
17103	3.07	-2.50	-5.50	167.89	68.99	-469.33	42.87	53.90	-482.00
17104	3.06	-3.10	-5.50	161.06	66.34	-411.92	42.62	44.84	-480.04
17105	4.30	-2.50	-5.50	165.70	67.08	-468.18	47.72	74.96	-470.26
17106	4.28	-3.10	-5.50	159.25	64.81	-411.10	47.63	63.04	-468.57
17107	5.52	-2.50	-5.50	161.13	64.43	-465.13	51.97	94.47	-454.75
17108	5.50	-3.10	-5.50	155.19	62.62	-408.52	52.06	79.78	-453.37
17109	6.75	-2.50	-5.50	154.57	61.02	-460.48	55.53	111.88	-435.80
17110	6.72	-3.10	-5.50	149.25	59.72	-404.41	55.80	94.53	-434.77
17111	7.98	-2.50	-5.50	146.53	56.80	-454.65	58.36	126.71	-413.81
17112	7.94	-3.10	-5.50	141.92	56.02	-399.16	58.82	106.80	-413.17
17113	9.21	-2.50	-5.50	137.61	51.74	-448.12	60.51	138.60	-389.22
17114	9.17	-3.10	-5.50	133.79	51.44	-393.22	61.19	116.23	-388.98
17115	10.43	-2.50	-5.50	128.50	45.76	-441.40	62.10	147.30	-362.43
17116	10.39	-3.10	-5.50	125.55	45.83	-387.08	63.03	122.59	-362.59
17117	11.66	-2.50	-5.50	119.97	38.81	-434.95	63.27	152.78	-333.81
17118	11.61	-3.10	-5.50	118.02	39.08	-381.21	64.49	125.83	-334.35
17119	12.89	-2.50	-5.50	112.86	30.86	-429.12	64.21	155.24	-303.63
17120	12.83	-3.10	-5.50	112.08	31.04	-375.94	65.78	126.21	-304.50
17121	14.12	-2.50	-5.50	108.02	22.02	-423.95	65.11	155.29	-272.02
17122	14.05	-3.10	-5.50	108.60	21.72	-371.24	67.04	124.39	-273.15
17123	15.34	-2.50	-5.50	106.11	12.64	-418.70	66.16	154.13	-238.84
17124	15.28	-3.10	-5.50	108.12	11.36	-366.24	68.42	121.58	-240.20
17125	16.57	-2.50	-5.50	106.98	3.50	-410.79	67.80	153.51	-203.37
17126	16.50	-3.10	-5.50	110.10	0.63	-358.32	70.14	119.14	-205.09
17127	17.80	-2.50	-5.50	108.08	-4.36	-394.49	70.78	154.09	-163.44

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]
17128	17.72	-3.10	-5.50	111.74	-9.21	-343.17	72.75	116.45	-165.98
17129	19.03	-2.50	-5.50	104.53	-9.38	-365.23	75.30	150.43	-115.11
17130	18.94	-3.10	-5.50	109.21	-16.99	-319.30	76.60	107.87	-119.38
17131	0.61	-2.50	-6.90	202.39	115.58	-445.39	45.20	15.15	-473.38
17132	0.61	-3.10	-6.90	193.07	107.67	-395.99	44.52	12.30	-470.59
17133	1.84	-2.50	-6.90	203.94	115.21	-448.27	52.94	33.79	-470.34
17134	1.83	-3.10	-6.90	194.63	107.48	-398.78	52.38	28.42	-467.66
17135	3.07	-2.50	-6.90	202.76	114.16	-449.63	60.65	52.24	-463.57
17136	3.06	-3.10	-6.90	193.63	106.73	-400.16	60.20	44.33	-461.04
17137	4.30	-2.50	-6.90	199.02	112.46	-449.49	68.19	69.99	-453.15
17138	4.28	-3.10	-6.90	190.23	105.43	-400.15	67.83	59.57	-450.82
17139	5.52	-2.50	-6.90	192.98	110.12	-448.00	75.44	86.60	-439.24
17140	5.50	-3.10	-6.90	184.67	103.57	-398.85	75.18	73.70	-437.16
17141	6.75	-2.50	-6.90	184.98	107.16	-445.41	82.38	101.61	-422.03
17142	6.72	-3.10	-6.90	177.25	101.15	-396.48	82.20	86.29	-420.26
17143	7.98	-2.50	-6.90	175.46	103.59	-442.04	89.01	114.66	-401.77
17144	7.94	-3.10	-6.90	168.41	98.14	-393.33	88.91	96.98	-400.34
17145	9.21	-2.50	-6.90	164.94	99.40	-438.25	95.43	125.45	-378.68
17146	9.17	-3.10	-6.90	158.63	94.51	-389.75	95.39	105.49	-377.64
17147	10.43	-2.50	-6.90	154.01	94.62	-434.41	101.74	133.83	-352.99
17148	10.39	-3.10	-6.90	148.50	90.21	-386.10	101.76	111.65	-352.36
17149	11.66	-2.50	-6.90	143.27	89.26	-430.77	108.14	139.78	-324.84
17150	11.61	-3.10	-6.90	138.61	85.21	-382.63	108.22	115.45	-324.66
17151	12.89	-2.50	-6.90	133.30	83.38	-427.37	114.83	143.49	-294.30
17152	12.83	-3.10	-6.90	129.53	79.50	-379.41	114.95	117.09	-294.59
17153	14.12	-2.50	-6.90	124.50	77.14	-423.82	122.05	145.42	-261.26
17154	14.05	-3.10	-6.90	121.61	73.18	-376.10	122.19	116.98	-262.03
17155	15.34	-2.50	-6.90	116.75	70.86	-418.95	130.13	146.24	-225.32
17156	15.28	-3.10	-6.90	114.66	66.49	-371.64	130.17	115.65	-226.61
17157	16.57	-2.50	-6.90	108.97	65.06	-410.51	139.44	146.27	-185.61
17158	16.50	-3.10	-6.90	107.59	59.95	-364.27	139.18	113.12	-187.55
17159	17.80	-2.50	-6.90	99.02	60.41	-395.98	150.16	144.24	-140.74
17160	17.72	-3.10	-6.90	98.60	54.31	-352.56	149.31	107.97	-143.55
17161	19.03	-2.50	-6.90	85.37	57.53	-374.92	161.55	136.61	-89.62
17162	18.94	-3.10	-6.90	86.74	50.67	-337.25	159.73	97.20	-93.58
17163	0.61	-2.50	-8.30	247.46	164.18	-430.95	59.69	18.73	-437.60
17164	0.61	-3.10	-8.30	235.07	150.04	-388.51	58.88	16.29	-434.46
17165	1.84	-2.50	-8.30	246.85	163.94	-433.63	70.71	33.87	-434.91
17166	1.83	-3.10	-8.30	234.47	150.02	-391.08	69.94	29.27	-431.85
17167	3.07	-2.50	-8.30	243.57	163.13	-435.24	81.83	48.97	-428.92
17168	3.06	-3.10	-8.30	231.38	149.56	-392.65	81.08	42.18	-425.97
17169	4.30	-2.50	-8.30	237.74	161.80	-435.82	92.93	63.63	-419.64
17170	4.28	-3.10	-8.30	225.90	148.69	-393.22	92.20	54.64	-416.85
17171	5.52	-2.50	-8.30	229.58	159.98	-435.49	103.95	77.50	-407.15
17172	5.50	-3.10	-8.30	218.23	147.43	-392.89	103.21	66.32	-404.55
17173	6.75	-2.50	-8.30	219.37	157.71	-434.42	114.85	90.24	-391.51
17174	6.72	-3.10	-8.30	208.63	145.80	-391.83	114.09	76.87	-389.16
17175	7.98	-2.50	-8.30	207.46	155.03	-432.87	125.68	101.56	-372.84
17176	7.94	-3.10	-8.30	197.42	143.82	-390.25	124.86	86.04	-370.77
17177	9.21	-2.50	-8.30	194.28	151.97	-431.08	136.49	111.26	-351.21
17178	9.17	-3.10	-8.30	185.02	141.49	-388.41	135.59	93.61	-349.49
17179	10.43	-2.50	-8.30	180.28	148.59	-429.27	147.41	119.19	-326.70
17180	10.39	-3.10	-8.30	171.85	138.82	-386.51	146.41	99.44	-325.39
17181	11.66	-2.50	-8.30	165.92	144.94	-427.53	158.58	125.32	-299.31
17182	11.61	-3.10	-8.30	158.35	135.84	-384.70	157.44	103.49	-298.47
17183	12.89	-2.50	-8.30	151.53	141.13	-425.73	170.15	129.71	-268.95
17184	12.83	-3.10	-8.30	144.85	132.61	-382.90	168.83	105.79	-268.66
17185	14.12	-2.50	-8.30	137.18	137.33	-423.32	182.30	132.45	-235.37
17186	14.05	-3.10	-8.30	131.39	129.28	-380.68	180.73	106.39	-235.74
17187	15.34	-2.50	-8.30	122.45	133.82	-419.23	195.21	133.54	-198.13
17188	15.28	-3.10	-8.30	117.56	126.11	-377.23	193.27	105.20	-199.30
17189	16.57	-2.50	-8.30	106.33	130.97	-412.08	209.03	132.49	-156.58
17190	16.50	-3.10	-8.30	102.45	123.54	-371.58	206.51	101.73	-158.73
17191	17.80	-2.50	-8.30	87.58	129.19	-400.85	223.74	128.06	-110.10
17192	17.72	-3.10	-8.30	85.01	122.12	-363.27	220.42	94.90	-113.46
17193	19.03	-2.50	-8.30	65.55	128.80	-386.21	239.28	118.47	-58.69
17194	18.94	-3.10	-8.30	64.68	122.36	-353.31	234.87	83.37	-63.47
17195	23.44	-2.50	-2.70	483.73	-117.09	-282.44	-74.47	-245.74	294.42
17196	22.60	-2.50	-2.70	291.94	-197.32	-238.68	-169.22	-44.99	223.90
17197	21.75	-2.50	-2.70	241.69	-119.16	-199.94	-220.49	38.04	162.22
17198	20.91	-2.50	-2.70	216.00	-111.43	-212.14	-225.18	108.37	107.31
17199	20.06	-2.50	-2.70	170.91	-107.16	-279.32	-183.86	171.95	22.11
17200	23.37	-3.10	-2.70	152.63	-260.23	-777.23	-24.57	-432.92	39.66
17201	22.52	-3.10	-2.70	205.52	-201.52	-529.10	-160.46	-159.90	104.56
17202	21.68	-3.10	-2.70	213.70	-149.60	-410.41	-218.12	-84.64	68.58
17203	20.83	-3.10	-2.70	212.09	-125.49	-331.01	-202.25	-25.12	24.41
17204	19.98	-3.10	-2.70	173.45	-112.66	-297.01	-146.21	46.83	-33.64
17205	23.44	-2.50	-4.10	287.26	-48.58	-355.47	-34.61	-329.26	305.71
17206	22.60	-2.50	-4.10	166.65	-108.06	-291.01	-88.99	-104.38	154.82
17207	21.75	-2.50	-4.10	141.76	-74.39	-240.43	-97.37	-17.02	102.79
17208	20.91	-2.50	-4.10	128.29	-67.74	-241.80	-78.01	64.77	38.43
17209	20.06	-2.50	-4.10	117.66	-72.32	-294.28	-42.77	133.87	-49.28
17210	23.37	-3.10	-4.10	199.89	-8.22	-467.51	40.90	-382.23	51.79
17211	22.52	-3.10	-4.10	154.31	-52.02	-333.72	-68.70	-137.07	108.29
17212	21.68	-3.10	-4.10	150.26	-53.26	-266.89	-94.68	-47.51	69.02
17213	20.83	-3.10	-4.10	147.75	-61.29	-245.97	-76.34	23.65	13.45
17214	19.98	-3.10	-4.10	139.19	-71.37	-265.47	-43.13	85.18	-63.97
17215	23.44	-2.50	-5.50	150.72	20.86	-377.96	-14.63	-323.80	270.92
17216	22.60	-2.50	-5.50	102.65	2.72	-318.77	36.90	-99.00	139.59
17217	21.75	-2.50	-5.50	87.65	-2.28	-286.03	61.72	-8.08	90.98
17218	20.91	-2.50	-5.50	85.15	-7.13	-286.71	72.42	72.53	28.40
17219	20.06	-2.50	-5.50	94.40	-10.57	-321.92	77.80	128.53	-48.21
17220	23.37	-3.10	-5.50	199.71	32.38	-380.43	33.24	-366.11	55.02
17221	22.52	-3.10	-5.50	116.26	-17.97	-332.26	45.57	-137.09	121.76
17222	21.68	-3.10	-5.50	98.76	-13.09	-288.80	60.28	-48.96	78.46
17223	20.83	-3.10	-5.50	97.15	-17.81	-274.52	70.40	26.07	19.57
17224	19.98	-3.10	-5.50	102.49	-20.26	-290.31	77.69	81.22	-54.98
17225	23.44	-2.50	-6.90	15.88	64.06	-433.18	16.42	-295.70	192.26
17226	22.60	-2.50	-6.90	60.68	95.86	-372.46	160.62	-80.51	114.50

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]
17227	21.75	-2.50	-6.90	51.28	63.94	-347.56	189.94	9.26	100.45
17228	20.91	-2.50	-6.90	51.09	60.16	-333.97	183.83	72.76	44.98
17229	20.06	-2.50	-6.90	67.12	56.92	-349.40	173.41	115.34	-25.55
17230	23.37	-3.10	-6.90	210.46	128.08	-386.53	48.67	-357.89	2.79
17231	22.52	-3.10	-6.90	95.66	59.59	-387.78	155.46	-113.54	111.49
17232	21.68	-3.10	-6.90	65.34	60.93	-346.22	183.95	-28.92	94.19
17233	20.83	-3.10	-6.90	59.74	53.02	-320.58	178.79	31.50	39.62
17234	19.98	-3.10	-6.90	71.54	50.02	-321.99	170.29	73.90	-30.66
17235	23.44	-2.50	-8.30	-41.58	117.64	-514.21	308.97	-266.12	10.39
17236	22.60	-2.50	-8.30	1.35	174.14	-439.91	340.64	-25.74	106.10
17237	21.75	-2.50	-8.30	-4.24	133.02	-387.68	312.90	36.96	125.89
17238	20.91	-2.50	-8.30	10.31	133.02	-364.16	282.63	70.64	72.22
17239	20.06	-2.50	-8.30	38.35	129.81	-370.44	258.23	99.87	3.94
17240	23.37	-3.10	-8.30	202.39	204.37	-481.87	270.22	-277.29	-135.47
17241	22.52	-3.10	-8.30	41.09	136.90	-454.36	316.02	-39.09	104.41
17242	21.68	-3.10	-8.30	8.44	133.64	-384.21	302.16	6.63	117.04
17243	20.83	-3.10	-8.30	15.33	128.56	-349.56	274.40	36.04	65.27
17244	19.98	-3.10	-8.30	39.72	124.83	-345.11	252.39	63.82	-2.29
17245	-0.61	-2.50	-2.70	97.71	-6.41	-516.82	5.73	-37.21	-502.01
17246	-1.84	-2.50	-2.70	85.16	-7.24	-507.25	1.55	-66.69	-495.15
17247	-3.07	-2.50	-2.70	69.42	-8.72	-495.33	-1.83	-94.60	-482.70
17248	-4.30	-2.50	-2.70	50.65	-10.93	-481.79	-3.95	-120.38	-465.12
17249	-5.52	-2.50	-2.70	29.06	-13.96	-467.51	-4.45	-143.56	-443.02
17250	-6.75	-2.50	-2.70	4.88	-17.97	-453.52	-3.10	-163.75	-417.14
17251	-7.98	-2.50	-2.70	-21.64	-23.11	-441.05	0.23	-180.68	-388.27
17252	-9.21	-2.50	-2.70	-50.29	-29.57	-431.52	5.50	-194.21	-357.20
17253	-10.43	-2.50	-2.70	-80.93	-37.59	-426.55	12.58	-204.36	-324.69
17254	-11.66	-2.50	-2.70	-113.65	-47.44	-428.03	21.23	-211.40	-291.33
17255	-12.89	-2.50	-2.70	-148.91	-59.51	-438.18	31.19	-215.83	-257.51
17256	-14.12	-2.50	-2.70	-187.88	-74.36	-459.81	42.17	-218.51	-223.30
17257	-15.34	-2.50	-2.70	-232.99	-93.00	-497.26	54.06	-220.77	-188.26
17258	-16.57	-2.50	-2.70	-289.07	-117.04	-556.58	67.15	-224.67	-151.05
17259	-17.80	-2.50	-2.70	-365.47	-152.17	-667.51	83.74	-231.47	-108.21
17260	-19.03	-2.50	-2.70	-495.61	-191.72	-765.91	113.94	-307.65	-62.18
17261	-0.61	-3.10	-2.70	93.26	-4.20	-439.22	5.15	-37.28	-500.33
17262	-1.83	-3.10	-2.70	81.30	-4.83	-430.57	0.85	-62.99	-493.47
17263	-3.06	-3.10	-2.70	66.45	-5.93	-420.07	-2.65	-87.36	-481.15
17264	-4.28	-3.10	-2.70	48.84	-7.59	-408.33	-4.93	-109.94	-463.79
17265	-5.50	-3.10	-2.70	28.63	-9.92	-396.15	-5.62	-130.30	-441.99
17266	-6.72	-3.10	-2.70	6.01	-13.08	-384.40	-4.49	-148.12	-416.45
17267	-7.94	-3.10	-2.70	-18.82	-17.26	-374.18	-1.42	-163.14	-387.93
17268	-9.17	-3.10	-2.70	-45.69	-22.67	-366.75	3.56	-175.22	-357.21
17269	-10.39	-3.10	-2.70	-74.52	-29.54	-363.59	10.34	-184.36	-325.00
17270	-11.61	-3.10	-2.70	-105.36	-38.17	-366.43	18.69	-190.73	-291.89
17271	-12.83	-3.10	-2.70	-138.66	-48.93	-377.39	28.35	-194.78	-258.28
17272	-14.05	-3.10	-2.70	-175.48	-62.35	-399.15	39.05	-197.27	-224.25
17273	-15.28	-3.10	-2.70	-218.05	-79.34	-435.82	50.65	-199.42	-189.38
17274	-16.50	-3.10	-2.70	-270.91	-101.32	-493.23	63.41	-203.13	-152.41
17275	-17.72	-3.10	-2.70	-342.94	-133.40	-598.98	79.49	-209.72	-109.85
17276	-18.94	-3.10	-2.70	-465.93	-169.27	-695.59	107.99	-280.15	-65.42
17277	-0.61	-2.50	-4.10	124.32	29.70	-485.59	16.00	-24.12	-500.50
17278	-1.84	-2.50	-4.10	113.21	28.71	-477.52	11.89	-49.47	-494.62
17279	-3.07	-2.50	-4.10	99.06	26.96	-467.65	8.44	-73.41	-484.01
17280	-4.30	-2.50	-4.10	82.01	24.39	-456.65	5.98	-95.43	-469.02
17281	-5.52	-2.50	-4.10	62.29	20.93	-445.30	4.75	-115.10	-450.12
17282	-6.75	-2.50	-4.10	40.17	16.49	-434.59	4.92	-132.09	-427.88
17283	-7.98	-2.50	-4.10	15.98	10.96	-425.63	6.56	-146.12	-402.92
17284	-9.21	-2.50	-4.10	-9.94	4.23	-419.73	9.65	-157.05	-375.86
17285	-10.43	-2.50	-4.10	-37.26	-3.83	-418.37	14.07	-164.83	-347.29
17286	-11.66	-2.50	-4.10	-65.63	-13.35	-423.23	19.63	-169.52	-317.72
17287	-12.89	-2.50	-4.10	-94.74	-24.48	-436.27	26.13	-171.35	-287.52
17288	-14.12	-2.50	-4.10	-124.14	-37.35	-459.91	33.36	-170.80	-256.86
17289	-15.34	-2.50	-4.10	-152.81	-52.05	-497.20	41.27	-168.99	-225.69
17290	-16.57	-2.50	-4.10	-177.67	-68.44	-553.38	50.17	-169.20	-193.80
17291	-17.80	-2.50	-4.10	-188.34	-83.04	-622.16	61.38	-190.14	-162.41
17292	-19.03	-2.50	-4.10	-183.37	-84.54	-633.41	73.69	-266.00	-136.08
17293	-0.61	-3.10	-4.10	119.08	29.99	-418.96	15.35	-24.40	-498.59
17294	-1.83	-3.10	-4.10	108.47	29.16	-411.57	11.08	-46.53	-492.71
17295	-3.06	-3.10	-4.10	95.07	27.70	-402.71	7.47	-67.45	-482.19
17296	-4.28	-3.10	-4.10	78.99	25.58	-392.97	4.83	-86.72	-467.35
17297	-5.50	-3.10	-4.10	60.44	22.69	-383.06	3.40	-103.96	-448.67
17298	-6.72	-3.10	-4.10	39.64	18.94	-373.86	3.36	-118.87	-426.67
17299	-7.94	-3.10	-4.10	16.86	14.20	-366.37	4.77	-131.22	-401.97
17300	-9.17	-3.10	-4.10	-7.59	8.34	-361.80	7.63	-140.85	-375.17
17301	-10.39	-3.10	-4.10	-33.41	1.21	-361.50	11.82	-147.69	-346.83
17302	-11.61	-3.10	-4.10	-60.28	-7.32	-367.07	17.18	-151.80	-317.47
17303	-12.83	-3.10	-4.10	-87.92	-17.42	-380.35	23.51	-153.34	-287.43
17304	-14.05	-3.10	-4.10	-115.90	-29.22	-403.66	30.64	-152.75	-256.92
17305	-15.28	-3.10	-4.10	-143.27	-42.77	-439.95	38.51	-151.04	-225.92
17306	-16.50	-3.10	-4.10	-167.23	-57.95	-494.18	47.52	-151.24	-194.30
17307	-17.72	-3.10	-4.10	-178.33	-71.50	-560.85	59.02	-170.49	-163.64
17308	-18.94	-3.10	-4.10	-174.86	-73.12	-575.86	71.72	-240.32	-139.25
17309	-0.61	-2.50	-5.50	157.69	70.31	-460.36	26.62	-12.66	-492.30
17310	-1.84	-2.50	-5.50	148.40	69.26	-453.63	21.46	-34.05	-487.21
17311	-3.07	-2.50	-5.50	136.25	67.42	-445.62	16.87	-54.18	-478.05
17312	-4.30	-2.50	-5.50	121.40	64.76	-436.91	13.06	-72.63	-465.08
17313	-5.52	-2.50	-5.50	104.09	61.23	-428.22	10.21	-89.05	-448.67
17314	-6.75	-2.50	-5.50	84.68	56.78	-420.44	8.42	-103.19	-429.26
17315	-7.98	-2.50	-5.50	63.58	51.35	-414.61	7.72	-114.86	-407.30
17316	-9.21	-2.50	-5.50	41.31	44.91	-411.92	8.06	-124.01	-383.29
17317	-10.43	-2.50	-5.50	18.53	37.44	-413.71	9.32	-130.69	-357.69
17318	-11.66	-2.50	-5.50	-3.96	28.94	-421.47	11.32	-135.12	-330.89
17319	-12.89	-2.50	-5.50	-25.03	19.52	-436.77	13.83	-137.87	-303.19
17320	-14.12	-2.50	-5.50	-43.05	9.41	-461.12	16.61	-140.19	-274.77
17321	-15.34	-2.50	-5.50	-55.47	-0.82	-495.47	19.39	-145.01	-245.66
17322	-16.57	-2.50	-5.50	-58.63	-9.72	-536.45	21.88	-159.72	-215.94
17323	-17.80	-2.50	-5.50	-53.64	-14.43	-565.06	23.01	-196.50	-185.58
17324	-19.03	-2.50	-5.50	-57.26	-13.04	-544.97	20.10	-253.51	-151.90
17325	-0.61	-3.10	-5.50	150.88	67.20	-403.11	25.90	-13.04	-489.94



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]
17326	-1.83	-3.10	-5.50	142.03	66.25	-396.87	20.58	-31.67	-484.86
17327	-3.06	-3.10	-5.50	130.52	64.64	-389.55	15.82	-49.21	-475.76
17328	-4.28	-3.10	-5.50	116.49	62.33	-381.67	11.85	-65.28	-462.90
17329	-5.50	-3.10	-5.50	100.17	59.27	-373.91	8.82	-79.58	-446.65
17330	-6.72	-3.10	-5.50	81.85	55.38	-367.05	6.85	-91.88	-427.42
17331	-7.94	-3.10	-5.50	61.92	50.60	-362.08	5.97	-102.03	-405.68
17332	-9.17	-3.10	-5.50	40.85	44.87	-360.08	6.15	-109.96	-381.88
17333	-10.39	-3.10	-5.50	19.24	38.13	-362.33	7.27	-115.72	-356.49
17334	-11.61	-3.10	-5.50	-2.15	30.38	-370.22	9.18	-119.51	-329.89
17335	-12.83	-3.10	-5.50	-22.28	21.68	-385.27	11.66	-121.83	-302.40
17336	-14.05	-3.10	-5.50	-39.61	12.25	-408.97	14.51	-123.83	-274.22
17337	-15.28	-3.10	-5.50	-51.76	2.59	-442.27	17.51	-128.20	-245.46
17338	-16.50	-3.10	-5.50	-55.33	-5.99	-482.22	20.37	-141.75	-216.33
17339	-17.72	-3.10	-5.50	-51.18	-10.92	-511.49	21.97	-175.73	-187.05
17340	-18.94	-3.10	-5.50	-54.43	-10.57	-496.86	19.27	-228.78	-154.92
17341	-0.61	-2.50	-6.90	198.03	115.26	-441.08	37.60	-3.22	-472.66
17342	-1.84	-2.50	-6.90	190.87	114.22	-435.54	30.34	-20.88	-468.24
17343	-3.07	-2.50	-6.90	181.01	112.45	-429.16	23.59	-37.44	-460.25
17344	-4.30	-2.50	-6.90	168.63	109.92	-422.42	17.52	-52.59	-448.91
17345	-5.52	-2.50	-6.90	154.00	106.60	-415.97	12.23	-66.10	-434.49
17346	-6.75	-2.50	-6.90	137.50	102.47	-410.58	7.79	-77.81	-417.31
17347	-7.98	-2.50	-6.90	119.63	97.52	-407.18	4.20	-87.72	-397.72
17348	-9.21	-2.50	-6.90	101.03	91.76	-406.81	1.38	-95.93	-376.07
17349	-10.43	-2.50	-6.90	82.49	85.22	-410.60	-0.77	-102.72	-352.69
17350	-11.66	-2.50	-6.90	65.06	78.03	-419.68	-2.44	-108.65	-327.85
17351	-12.89	-2.50	-6.90	50.00	70.41	-434.95	-3.84	-114.73	-301.75
17352	-14.12	-2.50	-6.90	38.78	62.75	-456.60	-5.22	-122.82	-274.43
17353	-15.34	-2.50	-6.90	32.73	55.76	-482.73	-6.89	-136.22	-245.79
17354	-16.57	-2.50	-6.90	31.22	50.52	-506.50	-9.30	-159.44	-215.44
17355	-17.80	-2.50	-6.90	28.90	48.06	-514.43	-13.04	-194.17	-182.32
17356	-19.03	-2.50	-6.90	17.98	48.89	-491.94	-17.79	-232.79	-144.85
17357	-0.61	-3.10	-6.90	188.90	107.29	-391.89	36.81	-3.61	-469.82
17358	-1.83	-3.10	-6.90	182.12	106.32	-386.69	29.42	-18.90	-465.40
17359	-3.06	-3.10	-6.90	172.82	104.73	-380.75	22.54	-33.23	-457.47
17360	-4.28	-3.10	-6.90	161.16	102.50	-374.52	16.33	-46.31	-446.22
17361	-5.50	-3.10	-6.90	147.39	99.57	-368.59	10.91	-57.95	-431.93
17362	-6.72	-3.10	-6.90	131.84	95.93	-363.69	6.34	-68.02	-414.90
17363	-7.94	-3.10	-6.90	114.97	91.54	-360.67	2.63	-76.51	-395.49
17364	-9.17	-3.10	-6.90	97.36	86.38	-360.53	-0.28	-83.53	-374.04
17365	-10.39	-3.10	-6.90	79.78	80.47	-364.33	-2.50	-89.34	-350.87
17366	-11.61	-3.10	-6.90	63.17	73.88	-373.16	-4.17	-94.46	-326.28
17367	-12.83	-3.10	-6.90	48.75	66.81	-387.92	-5.51	-99.83	-300.47
17368	-14.05	-3.10	-6.90	37.91	59.60	-408.87	-6.72	-107.16	-273.55
17369	-15.28	-3.10	-6.90	31.91	52.89	-434.35	-8.13	-119.48	-245.46
17370	-16.50	-3.10	-6.90	30.24	47.66	-458.15	-10.22	-141.01	-215.91
17371	-17.72	-3.10	-6.90	28.10	44.85	-468.00	-13.68	-173.44	-183.88
17372	-18.94	-3.10	-6.90	18.33	45.02	-450.41	-18.40	-210.03	-147.66
17373	-0.61	-2.50	-8.30	245.35	163.84	-427.29	48.91	3.90	-436.99
17374	-1.84	-2.50	-8.30	240.54	162.89	-422.80	38.51	-10.29	-433.15
17375	-3.07	-2.50	-8.30	233.14	161.31	-417.79	28.63	-23.54	-426.20
17376	-4.30	-2.50	-8.30	223.32	159.09	-412.66	19.39	-35.65	-416.29
17377	-5.52	-2.50	-8.30	211.37	156.20	-407.93	10.88	-46.52	-403.62
17378	-6.75	-2.50	-8.30	197.65	152.66	-404.26	3.14	-56.14	-388.40
17379	-7.98	-2.50	-8.30	182.65	148.46	-402.41	-3.84	-64.66	-370.89
17380	-9.21	-2.50	-8.30	167.01	143.62	-403.21	-10.11	-72.37	-351.30
17381	-10.43	-2.50	-8.30	151.47	138.20	-407.52	-15.79	-79.79	-329.87
17382	-11.66	-2.50	-8.30	136.95	132.33	-416.03	-20.99	-87.70	-306.75
17383	-12.89	-2.50	-8.30	124.37	126.22	-428.98	-25.86	-97.27	-282.02
17384	-14.12	-2.50	-8.30	114.44	120.23	-445.55	-30.53	-110.14	-255.64
17385	-15.34	-2.50	-8.30	107.01	114.87	-462.89	-35.15	-128.25	-227.36
17386	-16.57	-2.50	-8.30	100.22	110.72	-475.38	-39.79	-152.74	-196.69
17387	-17.80	-2.50	-8.30	90.51	108.23	-475.41	-44.27	-181.90	-162.91
17388	-19.03	-2.50	-8.30	74.62	107.59	-456.58	-47.91	-209.82	-125.46
17389	-0.61	-3.10	-8.30	233.12	149.60	-385.00	48.04	3.56	-433.82
17390	-1.83	-3.10	-8.30	228.66	148.69	-380.73	37.58	-8.60	-429.99
17391	-3.06	-3.10	-8.30	221.78	147.26	-375.97	27.63	-19.94	-423.07
17392	-4.28	-3.10	-8.30	212.63	145.31	-371.11	18.32	-30.27	-413.23
17393	-5.50	-3.10	-8.30	201.47	142.82	-366.63	9.74	-39.50	-400.66
17394	-6.72	-3.10	-8.30	188.64	139.75	-363.14	1.93	-47.63	-385.58
17395	-7.94	-3.10	-8.30	174.57	136.10	-361.36	-5.11	-54.82	-368.21
17396	-9.17	-3.10	-8.30	159.86	131.87	-362.09	-11.42	-61.35	-348.82
17397	-10.39	-3.10	-8.30	145.21	127.08	-366.15	-17.11	-67.72	-327.61
17398	-11.61	-3.10	-8.30	131.48	121.83	-374.23	-22.28	-74.66	-304.78
17399	-12.83	-3.10	-8.30	119.56	116.29	-386.62	-27.06	-83.25	-280.43
17400	-14.05	-3.10	-8.30	110.13	110.78	-402.65	-31.60	-95.04	-254.56
17401	-15.28	-3.10	-8.30	103.10	105.76	-419.76	-36.04	-111.84	-226.97
17402	-16.50	-3.10	-8.30	96.79	101.78	-432.86	-40.52	-134.75	-197.17
17403	-17.72	-3.10	-8.30	87.95	99.31	-434.94	-44.92	-162.33	-164.44
17404	-18.94	-3.10	-8.30	73.48	98.61	-419.93	-48.67	-189.31	-128.07
17405	-20.06	-2.50	-2.70	-622.29	-161.11	-431.10	187.46	-410.46	-53.42
17406	-20.91	-2.50	-2.70	-243.37	-67.91	-25.04	190.09	-97.20	-13.33
17407	-21.75	-2.50	-2.70	-86.63	-56.50	-19.32	164.15	-34.34	7.85
17408	-22.60	-2.50	-2.70	-23.91	-54.60	-7.67	117.37	-5.95	19.32
17409	-23.44	-2.50	-2.70	-4.89	-60.15	1.96	51.05	3.03	39.30
17410	-19.98	-3.10	-2.70	-588.73	-137.18	-394.73	177.83	-375.21	-59.72
17411	-20.83	-3.10	-2.70	-238.58	-53.96	-23.93	185.24	-89.52	-15.00
17412	-21.68	-3.10	-2.70	-90.63	-46.81	-18.16	162.80	-32.09	7.33
17413	-22.52	-3.10	-2.70	-28.77	-48.69	-7.31	117.65	-6.04	19.27
17414	-23.37	-3.10	-2.70	-7.15	-58.21	1.74	52.15	1.80	39.40
17415	-20.06	-2.50	-4.10	-214.07	-67.28	-455.40	70.77	-350.22	-98.48
17416	-20.91	-2.50	-4.10	-239.39	-41.82	-201.09	70.61	-263.44	-38.17
17417	-21.75	-2.50	-4.10	-136.24	-18.51	-74.69	67.78	-123.28	11.63
17418	-22.60	-2.50	-4.10	-59.02	-11.01	-43.29	49.74	-50.44	48.24
17419	-23.44	-2.50	-4.10	-13.71	-5.57	-3.79	17.77	-13.53	90.05
17420	-19.98	-3.10	-4.10	-203.25	-58.80	-417.22	68.26	-319.54	-104.16
17421	-20.83	-3.10	-4.10	-226.61	-36.47	-185.97	67.23	-243.13	-42.90
17422	-21.68	-3.10	-4.10	-131.22	-15.89	-69.86	65.83	-115.74	9.26
17423	-22.52	-3.10	-4.10	-58.18	-10.36	-40.64	49.10	-48.86	47.11
17424	-23.37	-3.10	-4.10	-13.88	-7.18	-3.68	17.92	-15.26	89.51

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]
17425	-20.06	-2.50	-5.50	-88.04	-4.53	-438.99	14.19	-295.44	-104.77
17426	-20.91	-2.50	-5.50	-112.68	9.92	-283.61	11.34	-267.04	-44.11
17427	-21.75	-2.50	-5.50	-99.08	22.99	-165.64	11.15	-182.53	13.73
17428	-22.60	-2.50	-5.50	-51.39	33.57	-99.91	7.55	-98.93	64.32
17429	-23.44	-2.50	-5.50	-12.65	43.86	-38.05	-0.75	-38.32	114.03
17430	-19.98	-3.10	-5.50	-82.40	-3.83	-403.45	12.87	-269.57	-109.12
17431	-20.83	-3.10	-5.50	-105.23	8.89	-262.92	9.41	-246.76	-48.37
17432	-21.68	-3.10	-5.50	-92.98	20.86	-154.80	9.24	-171.12	10.68
17433	-22.52	-3.10	-5.50	-48.61	30.47	-94.00	6.30	-94.91	62.58
17434	-23.37	-3.10	-5.50	-11.84	39.81	-36.04	-1.48	-39.40	113.23
17435	-20.06	-2.50	-6.90	-7.12	53.54	-423.31	-22.45	-259.52	-96.30
17436	-20.91	-2.50	-6.90	-34.73	61.10	-323.00	-23.55	-247.51	-37.37
17437	-21.75	-2.50	-6.90	-42.03	69.22	-231.74	-20.65	-195.78	20.65
17438	-22.60	-2.50	-6.90	-27.52	76.97	-164.16	-16.56	-127.96	74.37
17439	-23.44	-2.50	-6.90	-7.10	86.06	-100.13	-11.88	-55.59	124.78
17440	-19.98	-3.10	-6.90	-4.57	48.84	-390.37	-23.43	-236.95	-100.14
17441	-20.83	-3.10	-6.90	-30.34	55.77	-300.07	-25.09	-228.98	-41.37
17442	-21.68	-3.10	-6.90	-37.75	63.63	-216.68	-22.45	-183.71	17.31
17443	-22.52	-3.10	-6.90	-24.80	71.27	-154.35	-18.23	-122.43	72.08
17444	-23.37	-3.10	-6.90	-5.96	80.31	-94.62	-13.31	-56.03	123.63
17445	-20.06	-2.50	-8.30	48.85	108.83	-410.72	-49.74	-228.12	-78.87
17446	-20.91	-2.50	-8.30	19.68	111.66	-343.91	-47.36	-222.10	-23.85
17447	-21.75	-2.50	-8.30	0.19	115.04	-277.50	-40.59	-187.79	30.80
17448	-22.60	-2.50	-8.30	-5.17	118.63	-222.61	-30.82	-133.68	82.41
17449	-23.44	-2.50	-8.30	-2.04	122.60	-176.75	-18.64	-61.66	129.67
17450	-19.98	-3.10	-8.30	49.64	99.84	-379.97	-50.88	-208.38	-82.33
17451	-20.83	-3.10	-8.30	22.04	102.90	-320.03	-49.03	-205.66	-27.53
17452	-21.68	-3.10	-8.30	2.98	106.77	-259.54	-42.63	-176.40	27.51
17453	-22.52	-3.10	-8.30	-3.01	110.95	-209.17	-32.95	-127.95	79.94
17454	-23.37	-3.10	-8.30	-0.80	115.64	-166.86	-20.71	-61.86	128.37
17455	18.78	-3.96	-2.70	163.21	-133.03	-211.80	-97.64	30.00	-132.63
17456	17.57	-3.96	-2.70	127.30	-110.77	-253.77	-65.32	36.29	-161.66
17457	16.36	-3.96	-2.70	99.26	-96.05	-255.70	-47.61	51.18	-191.53
17458	15.15	-3.96	-2.70	82.30	-76.15	-257.85	-35.26	68.24	-220.83
17459	13.94	-3.96	-2.70	74.57	-57.30	-263.98	-23.68	83.36	-249.56
17460	12.73	-3.96	-2.70	73.21	-41.51	-273.20	-12.69	94.47	-279.03
17461	11.51	-3.96	-2.70	76.06	-29.14	-284.26	-2.83	100.87	-309.25
17462	10.30	-3.96	-2.70	81.40	-19.87	-296.10	5.53	102.32	-339.61
17463	9.09	-3.96	-2.70	87.86	-13.13	-307.82	12.13	98.90	-369.32
17464	7.88	-3.96	-2.70	94.29	-8.39	-318.59	16.81	90.93	-397.56
17465	6.67	-3.95	-2.70	99.78	-5.15	-327.68	19.50	78.93	-423.50
17466	5.45	-3.95	-2.70	103.65	-3.04	-334.56	20.26	63.60	-446.34
17467	4.24	-3.95	-2.70	105.39	-1.74	-338.89	19.24	45.67	-465.34
17468	3.03	-3.95	-2.70	104.70	-1.00	-340.53	16.72	25.92	-479.84
17469	1.82	-3.95	-2.70	101.41	-0.66	-339.54	13.07	5.09	-489.36
17470	0.61	-3.95	-2.70	95.47	-0.59	-336.12	8.73	-16.18	-493.53
17471	18.53	-5.08	-2.70	233.57	-140.10	-65.96	-79.61	-31.67	-130.57
17472	17.33	-5.08	-2.70	163.53	-114.35	-137.04	-57.44	-37.30	-167.13
17473	16.14	-5.08	-2.70	119.19	-88.26	-148.43	-38.11	-27.06	-189.47
17474	14.94	-5.08	-2.70	92.97	-63.57	-148.49	-26.66	-7.63	-217.21
17475	13.75	-5.07	-2.70	80.14	-43.02	-150.29	-17.63	12.68	-245.91
17476	12.55	-5.07	-2.70	76.09	-27.27	-155.43	-9.27	29.63	-275.01
17477	11.36	-5.07	-2.70	77.34	-15.80	-163.02	-1.49	41.62	-304.22
17478	10.16	-5.07	-2.70	81.39	-7.75	-171.80	5.36	48.29	-333.04
17479	8.97	-5.07	-2.70	86.50	-2.31	-180.60	10.92	49.89	-360.91
17480	7.77	-5.06	-2.70	91.45	1.17	-188.51	14.89	47.02	-387.18
17481	6.58	-5.06	-2.70	95.40	3.25	-194.87	17.16	40.39	-411.14
17482	5.38	-5.06	-2.70	97.79	4.35	-199.28	17.71	30.79	-432.11
17483	4.18	-5.06	-2.70	98.26	4.82	-201.58	16.68	18.98	-449.44
17484	2.99	-5.06	-2.70	96.62	4.92	-201.78	14.31	5.70	-462.58
17485	1.79	-5.05	-2.70	92.81	4.86	-200.08	10.93	-8.44	-471.07
17486	0.60	-5.05	-2.70	86.85	4.76	-196.77	6.94	-22.92	-474.64
17487	18.21	-6.18	-2.70	272.17	-140.16	39.39	-46.48	-102.70	-105.41
17488	17.04	-6.18	-2.70	186.10	-107.98	-33.56	-35.76	-110.78	-149.87
17489	15.86	-6.18	-2.70	130.59	-71.75	-47.62	-27.89	-102.86	-181.87
17490	14.69	-6.18	-2.70	98.88	-43.24	-42.97	-23.29	-79.30	-212.33
17491	13.51	-6.17	-2.70	83.80	-23.35	-39.55	-17.94	-53.11	-240.47
17492	12.34	-6.17	-2.70	78.74	-9.65	-40.28	-11.54	-30.37	-267.75
17493	11.16	-6.17	-2.70	79.16	-0.33	-44.30	-4.85	-13.22	-294.54
17494	9.99	-6.17	-2.70	82.15	5.83	-49.97	1.37	-1.85	-320.71
17495	8.81	-6.17	-2.70	85.91	9.67	-55.88	6.54	4.31	-345.85
17496	7.64	-6.16	-2.70	89.32	11.85	-61.04	10.34	6.10	-369.43
17497	6.46	-6.16	-2.70	91.67	12.85	-64.83	12.60	4.44	-390.83
17498	5.29	-6.16	-2.70	92.55	13.09	-66.97	13.31	0.19	-409.46
17499	4.11	-6.16	-2.70	91.74	12.89	-67.42	12.61	-5.90	-424.75
17500	2.94	-6.16	-2.70	89.17	12.52	-66.35	10.72	-13.16	-436.22
17501	1.76	-6.15	-2.70	84.85	12.17	-64.04	7.94	-21.07	-443.51
17502	0.59	-6.15	-2.70	78.86	11.98	-60.83	4.62	-29.23	-446.36
17503	17.83	-7.26	-2.70	257.97	-115.42	77.84	-10.77	-211.73	-62.40
17504	16.68	-7.26	-2.70	179.87	-73.71	46.63	-21.33	-201.29	-135.67
17505	15.53	-7.26	-2.70	131.00	-37.88	50.80	-29.62	-176.27	-180.06
17506	14.38	-7.26	-2.70	103.09	-14.72	62.96	-31.07	-142.63	-209.82
17507	13.23	-7.26	-2.70	89.33	0.06	71.00	-26.80	-110.10	-234.22
17508	12.08	-7.26	-2.70	84.13	9.90	73.70	-20.02	-82.73	-257.35
17509	10.93	-7.26	-2.70	83.56	16.44	72.56	-12.76	-61.71	-280.20
17510	9.78	-7.26	-2.70	85.06	20.57	69.58	-6.10	-46.71	-302.69
17511	8.63	-7.26	-2.70	87.06	22.91	66.27	-0.57	-36.82	-324.39
17512	7.48	-7.26	-2.70	88.62	23.95	63.61	3.55	-30.99	-344.73
17513	6.33	-7.26	-2.70	89.19	24.10	62.13	6.19	-28.24	-363.14
17514	5.18	-7.25	-2.70	88.46	23.71	62.00	7.40	-27.68	-379.09
17515	4.03	-7.25	-2.70	86.34	23.06	63.14	7.32	-28.58	-392.07
17516	2.88	-7.25	-2.70	82.83	22.39	65.30	6.18	-30.37	-401.68
17517	1.73	-7.25	-2.70	78.00	21.90	68.14	4.26	-32.62	-407.62
17518	0.58	-7.25	-2.70	71.96	21.71	71.26	1.87	-35.05	-409.66
17519	18.78	-3.96	-4.10	152.93	-83.36	-225.51	-15.02	56.11	-140.43
17520	17.57	-3.96	-4.10	135.77	-69.52	-257.63	-1.17	63.23	-175.25
17521	16.36	-3.96	-4.10	116.23	-52.08	-273.41	8.11	66.00	-207.27
17522	15.15	-3.96	-4.10	102.17	-34.89	-279.05	14.76	73.17	-238.23
17523	13.94	-3.96	-4.10	95.02	-19.43	-283.23	19.84	81.99	-268.72

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]
17524	12.73	-3.96	-4.10	93.68	-6.63	-288.56	24.18	89.55	-298.65
17525	11.51	-3.96	-4.10	96.36	3.52	-295.34	27.98	94.12	-327.94
17526	10.30	-3.96	-4.10	101.45	11.37	-303.07	31.12	94.95	-356.36
17527	9.09	-3.96	-4.10	107.66	17.35	-311.07	33.36	91.89	-383.47
17528	7.88	-3.96	-4.10	113.95	21.81	-318.64	34.52	85.08	-408.76
17529	6.67	-3.95	-4.10	119.49	25.09	-325.16	34.49	74.91	-431.66
17530	5.45	-3.95	-4.10	123.65	27.44	-330.16	33.23	61.89	-451.59
17531	4.24	-3.95	-4.10	125.95	29.04	-333.27	30.83	46.62	-468.01
17532	3.03	-3.95	-4.10	126.05	30.06	-334.31	27.46	29.73	-480.47
17533	1.82	-3.95	-4.10	123.75	30.60	-333.25	23.36	11.84	-488.58
17534	0.61	-3.95	-4.10	118.93	30.73	-330.19	18.84	-6.49	-492.11
17535	18.53	-5.08	-4.10	172.15	-101.64	-122.17	2.29	-14.63	-135.04
17536	17.33	-5.08	-4.10	152.32	-72.68	-157.04	11.72	-4.86	-172.43
17537	16.14	-5.08	-4.10	127.80	-47.79	-174.20	16.52	-0.94	-205.72
17538	14.94	-5.08	-4.10	109.23	-26.98	-178.30	19.91	8.54	-236.85
17539	13.75	-5.07	-4.10	98.81	-10.44	-179.67	22.41	21.02	-266.86
17540	12.55	-5.07	-4.10	95.13	2.14	-182.23	24.92	32.80	-295.65
17541	11.36	-5.07	-4.10	96.00	11.50	-186.54	27.51	41.73	-323.39
17542	10.16	-5.07	-4.10	99.50	18.34	-192.08	29.85	46.96	-350.03
17543	8.97	-5.07	-4.10	104.19	23.23	-198.04	31.57	48.35	-375.29
17544	7.77	-5.06	-4.10	108.97	26.64	-203.69	32.39	46.15	-398.75
17545	6.58	-5.06	-4.10	113.06	28.92	-208.42	32.16	40.84	-419.91
17546	5.38	-5.06	-4.10	115.89	30.39	-211.83	30.83	32.96	-438.26
17547	4.18	-5.06	-4.10	117.07	31.25	-213.66	28.45	23.12	-453.31
17548	2.99	-5.06	-4.10	116.37	31.70	-213.84	25.19	11.89	-464.65
17549	1.79	-5.05	-4.10	113.63	31.86	-212.42	21.26	-0.19	-471.94
17550	0.60	-5.05	-4.10	108.80	31.82	-209.57	16.96	-12.66	-474.98
17551	18.21	-6.18	-4.10	177.32	-102.86	-44.94	24.69	-90.26	-113.65
17552	17.04	-6.18	-4.10	157.82	-65.52	-69.04	24.12	-74.82	-163.80
17553	15.86	-6.18	-4.10	132.38	-35.98	-80.31	21.52	-65.89	-202.83
17554	14.69	-6.18	-4.10	112.63	-14.17	-80.06	19.98	-51.73	-235.06
17555	13.51	-6.17	-4.10	101.29	1.43	-77.86	19.90	-34.82	-263.52
17556	12.34	-6.17	-4.10	96.59	12.48	-77.53	21.24	-18.97	-289.80
17557	11.16	-6.17	-4.10	96.23	20.32	-79.41	23.32	-6.19	-314.79
17558	9.99	-6.17	-4.10	98.34	25.80	-82.79	25.45	2.84	-338.71
17559	8.81	-6.17	-4.10	101.50	29.51	-86.77	27.11	8.14	-361.36
17560	7.64	-6.16	-4.10	104.72	31.89	-90.54	27.97	10.07	-382.36
17561	6.46	-6.16	-4.10	107.29	33.31	-93.55	27.87	9.17	-401.26
17562	5.29	-6.16	-4.10	108.74	34.04	-95.44	26.76	6.02	-417.60
17563	4.11	-6.16	-4.10	108.78	34.32	-96.07	24.69	1.21	-430.94
17564	2.94	-6.16	-4.10	107.24	34.34	-95.45	21.82	-4.76	-440.90
17565	1.76	-6.15	-4.10	104.05	34.23	-93.70	18.34	-11.43	-447.21
17566	0.59	-6.15	-4.10	99.18	34.09	-91.03	14.52	-18.45	-449.65
17567	17.83	-7.26	-4.10	171.03	-78.21	5.04	31.57	-170.74	-103.81
17568	16.68	-7.26	-4.10	154.42	-43.24	9.26	24.61	-144.54	-162.67
17569	15.53	-7.26	-4.10	132.41	-16.74	12.65	16.45	-124.86	-204.58
17570	14.38	-7.26	-4.10	115.39	1.77	19.12	12.13	-103.62	-234.53
17571	13.23	-7.26	-4.10	105.00	14.41	24.28	11.52	-82.49	-258.80
17572	12.08	-7.26	-4.10	99.87	23.21	26.68	13.20	-63.64	-280.85
17573	10.93	-7.26	-4.10	98.33	29.38	26.63	15.79	-48.12	-301.98
17574	9.78	-7.26	-4.10	98.86	33.58	25.02	18.37	-36.24	-322.38
17575	8.63	-7.26	-4.10	100.29	36.27	22.81	20.42	-27.83	-341.82
17576	7.48	-7.26	-4.10	101.76	37.84	20.74	21.67	-22.44	-359.89
17577	6.33	-7.26	-4.10	102.67	38.61	19.32	21.98	-19.50	-376.15
17578	5.18	-7.25	-4.10	102.66	38.83	18.80	21.33	-18.44	-390.17
17579	4.03	-7.25	-4.10	101.50	38.73	19.26	19.80	-18.74	-401.54
17580	2.88	-7.25	-4.10	99.11	38.49	20.60	17.54	-19.95	-409.94
17581	1.73	-7.25	-4.10	95.43	38.25	22.66	14.74	-21.73	-415.10
17582	0.58	-7.25	-4.10	90.49	38.09	25.20	11.63	-23.78	-416.87
17583	18.78	-3.96	-5.50	115.52	-27.96	-255.02	78.67	49.81	-121.96
17584	17.57	-3.96	-5.50	116.47	-15.63	-272.38	75.86	64.23	-167.31
17585	16.36	-3.96	-5.50	113.70	-2.38	-285.79	73.16	70.75	-205.86
17586	15.15	-3.96	-5.50	110.06	10.47	-292.98	70.76	75.81	-240.72
17587	13.94	-3.96	-5.50	108.76	21.90	-297.07	68.60	81.18	-273.24
17588	12.73	-3.96	-5.50	110.59	31.55	-300.77	66.65	85.77	-303.94
17589	11.51	-3.96	-5.50	115.08	39.43	-305.07	64.84	88.38	-332.98
17590	10.30	-3.96	-5.50	121.31	45.73	-310.04	62.98	88.27	-360.32
17591	9.09	-3.96	-5.50	128.36	50.71	-315.32	60.86	85.18	-385.79
17592	7.88	-3.96	-5.50	135.39	54.59	-320.43	58.28	79.15	-409.08
17593	6.67	-3.95	-5.50	141.70	57.56	-324.88	55.08	70.42	-429.84
17594	5.45	-3.95	-5.50	146.72	59.79	-328.27	51.21	59.39	-447.67
17595	4.24	-3.95	-5.50	150.04	61.37	-330.27	46.68	46.52	-462.22
17596	3.03	-3.95	-5.50	151.31	62.42	-330.70	41.58	32.29	-473.17
17597	1.82	-3.95	-5.50	150.33	62.97	-329.49	36.07	17.22	-480.25
17598	0.61	-3.95	-5.50	146.96	63.07	-326.68	30.35	1.80	-483.33
17599	18.53	-5.08	-5.50	121.83	-39.24	-177.43	82.67	-22.40	-120.20
17600	17.33	-5.08	-5.50	120.50	-21.31	-185.88	79.85	-2.10	-165.62
17601	16.14	-5.08	-5.50	116.27	-4.05	-195.15	75.78	9.18	-204.99
17602	14.94	-5.08	-5.50	111.03	10.85	-199.87	71.67	18.13	-239.84
17603	13.75	-5.07	-5.50	108.05	22.97	-202.02	68.14	27.16	-271.47
17604	12.55	-5.07	-5.50	108.28	32.50	-204.07	65.24	35.44	-300.72
17605	11.36	-5.07	-5.50	111.24	39.81	-206.97	62.85	41.81	-328.04
17606	10.16	-5.07	-5.50	115.97	45.33	-210.71	60.66	45.57	-353.58
17607	8.97	-5.07	-5.50	121.53	49.44	-214.85	58.36	46.48	-377.29
17608	7.77	-5.06	-5.50	127.12	52.43	-218.88	55.70	44.64	-398.92
17609	6.58	-5.06	-5.50	132.07	54.54	-222.33	52.49	40.32	-418.15
17610	5.38	-5.06	-5.50	135.89	55.99	-224.84	48.66	33.91	-434.64
17611	4.18	-5.06	-5.50	138.20	56.90	-226.15	44.22	25.85	-448.05
17612	2.99	-5.06	-5.50	138.76	57.42	-226.16	39.24	16.59	-458.08
17613	1.79	-5.05	-5.50	137.39	57.61	-224.86	33.87	6.59	-464.51
17614	0.60	-5.05	-5.50	134.01	57.53	-222.32	28.31	-3.76	-467.19
17615	18.21	-6.18	-5.50	124.50	-40.91	-110.89	84.34	-89.57	-116.18
17616	17.04	-6.18	-5.50	121.05	-20.58	-107.43	80.81	-65.15	-163.10
17617	15.86	-6.18	-5.50	115.98	-1.96	-108.69	74.70	-48.65	-203.68
17618	14.69	-6.18	-5.50	110.31	13.21	-108.83	68.73	-35.00	-237.99
17619	13.51	-6.17	-5.50	106.76	24.87	-108.26	64.02	-22.02	-267.77
17620	12.34	-6.17	-5.50	106.16	33.61	-108.49	60.56	-10.26	-294.57
17621	11.16	-6.17	-5.50	107.97	40.04	-109.99	57.99	-0.60	-319.29
17622	9.99	-6.17	-5.50	111.36	44.70	-112.51	55.83	6.49	-342.31

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]
17623	8.81	-6.17	-5.50	115.47	47.98	-115.51	53.65	10.89	-363.64
17624	7.64	-6.16	-5.50	119.57	50.20	-118.46	51.16	12.75	-383.09
17625	6.46	-6.16	-5.50	123.11	51.63	-120.91	48.17	12.39	-400.37
17626	5.29	-6.16	-5.50	125.66	52.46	-122.54	44.61	10.19	-415.15
17627	4.11	-6.16	-5.50	126.93	52.88	-123.18	40.48	6.57	-427.12
17628	2.94	-6.16	-5.50	126.73	53.00	-122.77	35.85	1.93	-436.02
17629	1.76	-6.15	-5.50	124.94	52.94	-121.35	30.87	-3.36	-441.63
17630	0.59	-6.15	-5.50	121.51	52.75	-119.05	25.70	-8.98	-443.83
17631	17.83	-7.26	-5.50	124.79	-33.52	-50.06	78.44	-148.28	-118.53
17632	16.68	-7.26	-5.50	119.57	-15.19	-31.78	74.79	-121.09	-164.37
17633	15.53	-7.26	-5.50	114.43	1.91	-22.62	67.78	-99.23	-203.57
17634	14.38	-7.26	-5.50	109.42	15.77	-17.43	61.10	-80.74	-235.28
17635	13.23	-7.26	-5.50	106.20	26.31	-14.37	56.19	-64.23	-261.69
17636	12.08	-7.26	-5.50	105.19	34.09	-13.22	52.94	-49.79	-284.97
17637	10.93	-7.26	-5.50	106.01	39.73	-13.66	50.74	-37.69	-306.37
17638	9.78	-7.26	-5.50	108.02	43.73	-15.17	48.96	-28.05	-326.33
17639	8.63	-7.26	-5.50	110.59	46.42	-17.17	47.16	-20.85	-344.85
17640	7.48	-7.26	-5.50	113.13	48.12	-19.11	45.05	-15.88	-361.75
17641	6.33	-7.26	-5.50	115.18	49.08	-20.61	42.48	-12.82	-376.75
17642	5.18	-7.25	-5.50	116.41	49.53	-21.41	39.36	-11.30	-389.55
17643	4.03	-7.25	-5.50	116.60	49.64	-21.40	35.72	-10.95	-399.86
17644	2.88	-7.25	-5.50	115.61	49.55	-20.58	31.62	-11.44	-407.44
17645	1.73	-7.25	-5.50	113.36	49.36	-19.03	27.20	-12.46	-412.11
17646	0.58	-7.25	-5.50	109.81	49.14	-16.89	22.61	-13.77	-413.74
17647	18.78	-3.96	-6.90	88.98	41.01	-284.52	156.09	43.19	-98.21
17648	17.57	-3.96	-6.90	98.22	46.05	-292.28	147.07	57.96	-146.22
17649	16.36	-3.96	-6.90	105.72	53.00	-299.85	137.74	67.17	-189.01
17650	15.15	-3.96	-6.90	111.67	60.41	-305.27	129.03	73.16	-227.14
17651	13.94	-3.96	-6.90	117.48	67.46	-308.75	121.07	77.52	-261.67
17652	12.73	-3.96	-6.90	124.20	73.73	-311.49	113.77	80.51	-293.31
17653	11.51	-3.96	-6.90	132.08	79.06	-314.30	106.97	81.77	-322.43
17654	10.30	-3.96	-6.90	140.79	83.49	-317.45	100.48	80.94	-349.20
17655	9.09	-3.96	-6.90	149.80	87.09	-320.82	94.09	77.83	-373.60
17656	7.88	-3.96	-6.90	158.50	89.98	-324.10	87.61	72.47	-395.48
17657	6.67	-3.96	-6.90	166.36	92.25	-326.95	80.91	65.03	-414.67
17658	5.45	-3.96	-6.90	172.90	93.97	-329.05	73.89	55.79	-430.94
17659	4.24	-3.96	-6.90	177.77	95.22	-330.14	66.54	45.11	-444.07
17660	3.03	-3.96	-6.90	180.66	96.03	-330.05	58.90	33.37	-453.87
17661	1.82	-3.96	-6.90	181.39	96.41	-328.70	51.07	20.99	-460.18
17662	0.61	-3.96	-6.90	179.82	96.40	-326.11	43.20	8.37	-462.93
17663	18.53	-5.08	-6.90	91.54	30.12	-218.71	149.71	-23.03	-102.63
17664	17.33	-5.08	-6.90	97.59	36.59	-217.02	142.42	-3.93	-148.12
17665	16.14	-5.08	-6.90	103.05	44.66	-218.61	133.93	9.96	-189.35
17666	14.94	-5.08	-6.90	107.54	52.68	-220.69	125.40	20.24	-226.15
17667	13.75	-5.07	-6.90	112.00	59.81	-222.34	117.38	28.48	-259.18
17668	12.55	-5.07	-6.90	117.36	65.75	-224.00	110.01	35.12	-289.16
17669	11.36	-5.07	-6.90	123.83	70.48	-226.14	103.21	39.97	-316.56
17670	10.16	-5.07	-6.90	131.10	74.15	-228.80	96.79	42.76	-341.64
17671	8.97	-5.07	-6.90	138.65	76.91	-231.75	90.53	43.38	-364.45
17672	7.77	-5.06	-6.90	145.94	78.94	-234.63	84.21	41.89	-384.89
17673	6.58	-5.06	-6.90	152.48	80.37	-237.09	77.68	38.47	-402.79
17674	5.38	-5.06	-6.90	157.87	81.33	-238.85	70.84	33.40	-417.95
17675	4.18	-5.06	-6.90	161.78	81.92	-239.69	63.68	27.01	-430.15
17676	2.99	-5.06	-6.90	163.99	82.19	-239.50	56.24	19.65	-439.22
17677	1.79	-5.05	-6.90	164.34	82.20	-238.24	48.61	11.68	-445.02
17678	0.60	-5.05	-6.90	162.75	81.98	-235.95	40.92	3.46	-447.46
17679	18.21	-6.18	-6.90	93.16	22.51	-156.68	140.79	-81.76	-106.99
17680	17.04	-6.18	-6.90	96.55	29.24	-145.50	134.87	-59.74	-149.45
17681	15.86	-6.18	-6.90	100.07	37.28	-140.24	127.13	-42.10	-188.53
17682	14.69	-6.18	-6.90	103.28	45.07	-138.00	118.84	-27.90	-223.33
17683	13.51	-6.17	-6.90	106.72	51.77	-137.22	110.90	-16.05	-254.18
17684	12.34	-6.17	-6.90	111.02	57.14	-137.55	103.67	-6.11	-281.83
17685	11.16	-6.17	-6.90	116.28	61.23	-138.88	97.11	1.87	-306.92
17686	9.99	-6.17	-6.90	122.18	64.22	-140.96	90.98	7.81	-329.80
17687	8.81	-6.17	-6.90	128.29	66.30	-143.41	85.04	11.69	-350.57
17688	7.64	-6.16	-6.90	134.14	67.65	-145.83	79.06	13.64	-369.16
17689	6.46	-6.16	-6.90	139.32	68.46	-147.86	72.88	13.84	-385.42
17690	5.29	-6.16	-6.90	143.48	68.85	-149.23	66.41	12.56	-399.16
17691	4.11	-6.16	-6.90	146.40	68.95	-149.79	59.63	10.12	-410.19
17692	2.94	-6.16	-6.90	147.88	68.84	-149.46	52.59	6.82	-418.34
17693	1.76	-6.15	-6.90	147.81	68.58	-148.24	45.35	2.97	-423.48
17694	0.59	-6.15	-6.90	146.13	68.22	-146.21	38.07	-1.15	-425.53
17695	17.83	-7.26	-6.90	93.71	16.82	-95.26	128.45	-130.83	-112.26
17696	16.68	-7.26	-6.90	95.21	22.51	-74.86	123.81	-107.32	-150.56
17697	15.53	-7.26	-6.90	97.15	29.55	-62.60	117.03	-86.93	-186.31
17698	14.38	-7.26	-6.90	99.42	36.57	-55.86	109.37	-69.51	-218.08
17699	13.23	-7.26	-6.90	102.16	42.66	-52.63	101.95	-54.68	-245.95
17700	12.08	-7.26	-6.90	105.63	47.50	-51.67	95.21	-42.12	-270.69
17701	10.93	-7.26	-6.90	109.78	51.12	-52.25	89.16	-31.67	-293.04
17702	9.78	-7.26	-6.90	114.35	53.69	-53.76	83.52	-23.19	-313.37
17703	8.63	-7.26	-6.90	119.00	55.36	-55.69	78.05	-16.61	-331.78
17704	7.48	-7.26	-6.90	123.37	56.31	-57.60	72.54	-11.75	-348.24
17705	6.33	-7.26	-6.90	127.14	56.74	-59.14	66.85	-8.42	-362.61
17706	5.18	-7.25	-6.90	130.06	56.80	-60.10	60.88	-6.35	-374.71
17707	4.03	-7.25	-6.90	131.94	56.61	-60.34	54.62	-5.26	-384.39
17708	2.88	-7.25	-6.90	132.66	56.27	-59.83	48.12	-4.90	-391.47
17709	1.73	-7.25	-6.90	132.13	55.87	-58.61	41.45	-5.01	-395.84
17710	0.58	-7.25	-6.90	130.30	55.44	-56.76	34.72	-5.37	-397.44
17711	18.78	-3.96	-8.30	64.66	112.68	-307.13	226.43	35.34	-70.19
17712	17.57	-3.96	-8.30	82.27	111.62	-310.61	213.81	49.54	-117.59
17713	16.36	-3.96	-8.30	97.63	112.53	-314.73	201.23	59.53	-160.79
17714	15.15	-3.96	-8.30	111.13	114.65	-318.03	188.88	66.22	-199.74
17715	13.94	-3.96	-8.30	123.57	117.26	-320.34	176.94	70.46	-234.84
17716	12.73	-3.96	-8.30	135.72	119.89	-322.12	165.45	72.77	-266.60
17717	11.51	-3.96	-8.30	147.94	122.30	-323.83	154.37	73.32	-295.39
17718	10.30	-3.96	-8.30	160.18	124.36	-325.70	143.61	72.12	-321.41
17719	9.09	-3.96	-8.30	172.13	126.08	-327.69	133.03	69.17	-344.72
17720	7.88	-3.96	-8.30	183.40	127.46	-329.61	122.51	64.53	-365.31
17721	6.67	-3.96	-8.30	193.56	128.56	-331.24	111.93	58.33	-383.09

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]
17722	5.45	-3.95	-8.30	202.26	129.37	-332.33	101.22	50.79	-397.98
17723	4.24	-3.95	-8.30	209.20	129.93	-332.69	90.35	42.16	-409.87
17724	3.03	-3.95	-8.30	214.16	130.24	-332.18	79.35	32.76	-418.67
17725	1.82	-3.95	-8.30	216.97	130.28	-330.74	68.31	22.90	-424.32
17726	0.61	-3.95	-8.30	217.54	130.04	-328.38	57.33	12.92	-426.80
17727	18.53	-5.08	-8.30	65.73	99.53	-248.25	212.68	-23.09	-78.67
17728	17.33	-5.08	-8.30	79.64	97.42	-243.74	202.61	-5.89	-122.00
17729	16.14	-5.08	-8.30	92.10	97.55	-242.36	191.88	7.68	-162.06
17730	14.94	-5.08	-8.30	103.35	98.92	-242.30	180.78	18.12	-198.54
17731	13.75	-5.07	-8.30	113.92	100.72	-242.83	169.67	26.02	-231.56
17732	12.55	-5.07	-8.30	124.36	102.44	-243.80	158.80	31.86	-261.46
17733	11.36	-5.07	-8.30	134.93	103.83	-245.23	148.25	35.87	-288.57
17734	10.16	-5.07	-8.30	145.54	104.84	-247.08	137.96	38.14	-313.08
17735	8.97	-5.07	-8.30	155.89	105.48	-249.13	127.85	38.71	-335.04
17736	7.77	-5.06	-8.30	165.63	105.83	-251.13	117.76	37.66	-354.43
17737	6.58	-5.06	-8.30	174.40	105.95	-252.80	107.59	35.14	-371.17
17738	5.38	-5.06	-8.30	181.88	105.89	-253.92	97.27	31.34	-385.18
17739	4.18	-5.06	-8.30	187.84	105.69	-254.33	86.77	26.52	-396.35
17740	2.99	-5.06	-8.30	192.09	105.39	-253.93	76.13	20.94	-404.60
17741	1.79	-5.05	-8.30	194.50	104.99	-252.68	65.42	14.91	-409.86
17742	0.60	-5.05	-8.30	195.01	104.50	-250.62	54.75	8.71	-412.11
17743	18.21	-6.18	-8.30	67.61	85.82	-190.56	196.39	-74.07	-86.82
17744	17.04	-6.18	-8.30	77.88	82.63	-178.77	188.74	-54.86	-125.28
17745	15.86	-6.18	-8.30	87.44	81.78	-171.94	179.82	-38.64	-161.60
17746	14.69	-6.18	-8.30	96.42	82.23	-168.26	170.04	-25.20	-195.07
17747	13.51	-6.17	-8.30	105.14	83.16	-166.66	159.90	-14.23	-225.51
17748	12.34	-6.17	-8.30	113.93	84.01	-166.55	149.81	-5.36	-253.11
17749	11.16	-6.17	-8.30	122.89	84.54	-167.52	139.95	1.64	-278.13
17750	9.99	-6.17	-8.30	131.87	84.71	-169.18	130.31	6.93	-300.75
17751	8.81	-6.17	-8.30	140.61	84.54	-171.16	120.81	10.61	-321.02
17752	7.64	-6.16	-8.30	148.79	84.11	-173.10	111.31	12.78	-338.90
17753	6.46	-6.16	-8.30	156.10	83.50	-174.72	101.71	13.57	-354.33
17754	5.29	-6.16	-8.30	162.31	82.78	-175.80	91.95	13.20	-367.21
17755	4.11	-6.16	-8.30	167.22	82.03	-176.20	81.99	11.88	-377.47
17756	2.94	-6.16	-8.30	170.71	81.27	-175.84	71.89	9.86	-385.00
17757	1.76	-6.15	-8.30	172.67	80.54	-174.74	61.71	7.41	-389.76
17758	0.59	-6.15	-8.30	173.05	79.85	-172.92	51.55	4.76	-391.72
17759	17.83	-7.26	-8.30	69.53	71.03	-132.49	178.18	-116.00	-93.66
17760	16.68	-7.26	-8.30	76.58	66.73	-114.51	172.70	-96.07	-126.63
17761	15.53	-7.26	-8.30	83.50	64.82	-102.67	165.53	-78.26	-158.63
17762	14.38	-7.26	-8.30	90.36	64.35	-95.45	157.15	-62.70	-188.56
17763	13.23	-7.26	-8.30	97.36	64.49	-91.67	148.14	-49.37	-215.99
17764	12.08	-7.26	-8.30	104.59	64.65	-90.36	139.00	-38.12	-240.93
17765	10.93	-7.26	-8.30	111.99	64.58	-90.69	130.00	-28.69	-263.58
17766	9.78	-7.26	-8.30	119.37	64.21	-92.00	121.15	-20.89	-284.06
17767	8.63	-7.26	-8.30	126.48	63.53	-93.75	112.36	-14.58	-302.38
17768	7.48	-7.26	-8.30	133.06	62.61	-95.50	103.56	-9.66	-318.52
17769	6.33	-7.26	-8.30	138.90	61.55	-96.93	94.64	-5.96	-332.43
17770	5.18	-7.25	-8.30	143.81	60.43	-97.86	85.54	-3.31	-344.01
17771	4.03	-7.25	-8.30	147.65	59.31	-98.15	76.26	-1.49	-353.19
17772	2.88	-7.25	-8.30	150.33	58.26	-97.78	66.84	-0.28	-359.89
17773	1.73	-7.25	-8.30	151.79	57.32	-96.74	57.33	0.52	-364.05
17774	0.58	-7.25	-8.30	151.97	56.52	-95.11	47.83	1.13	-365.65
17775	23.24	-3.96	-2.70	-28.42	-534.82	-600.92	-225.90	-268.80	-486.46
17776	22.38	-3.96	-2.70	153.11	-287.00	-360.81	-287.52	-139.84	-194.51
17777	21.53	-3.96	-2.70	236.84	-272.47	-275.74	-351.56	-97.14	-142.49
17778	20.67	-3.96	-2.70	264.67	-226.81	-204.32	-317.65	-67.06	-113.75
17779	19.82	-3.96	-2.70	255.82	-162.56	-164.65	-213.45	-24.20	-108.34
17780	23.02	-5.07	-2.70	55.83	-168.58	-102.00	-171.09	-23.35	-67.48
17781	22.15	-5.07	-2.70	183.77	-168.04	-48.49	-304.45	-68.51	-20.36
17782	21.29	-5.08	-2.70	315.78	-230.20	-35.14	-306.82	-63.28	-2.50
17783	20.42	-5.08	-2.70	352.84	-215.94	-27.39	-254.69	-49.10	-12.47
17784	19.56	-5.08	-2.70	378.47	-154.89	-2.93	-171.92	-64.84	-50.66
17785	22.75	-6.17	-2.70	69.50	-48.89	-109.11	-251.18	8.61	127.24
17786	21.87	-6.18	-2.70	261.08	-226.53	-51.79	-319.08	-122.65	98.34
17787	20.99	-6.18	-2.70	351.28	-301.18	-41.43	-218.57	-100.03	37.22
17788	20.12	-6.18	-2.70	366.70	-242.51	-30.58	-161.81	-80.91	21.74
17789	19.24	-6.18	-2.70	420.80	-163.26	47.24	-111.27	-134.33	-14.38
17790	22.42	-7.26	-2.70	267.27	-261.83	-315.43	-286.15	-439.87	603.90
17791	21.53	-7.26	-2.70	309.88	-491.84	-168.11	-92.42	-361.77	152.10
17792	20.64	-7.26	-2.70	318.10	-394.41	-104.52	1.97	-266.92	92.82
17793	19.75	-7.26	-2.70	316.50	-266.81	-70.66	4.19	-223.32	63.16
17794	18.86	-7.26	-2.70	360.96	-164.03	31.43	-11.06	-254.53	35.93
17795	23.24	-3.96	-4.10	73.48	-52.47	-473.00	-12.87	-256.81	-165.41
17796	22.38	-3.96	-4.10	124.29	-74.54	-310.54	-68.42	-164.03	16.69
17797	21.53	-3.96	-4.10	162.25	-90.17	-242.81	-87.90	-95.39	14.96
17798	20.67	-3.96	-4.10	174.54	-98.14	-204.81	-65.48	-38.89	-26.21
17799	19.82	-3.96	-4.10	160.50	-97.02	-198.80	-30.96	20.14	-87.46
17800	23.02	-5.07	-4.10	15.49	-223.73	-362.78	-74.56	-102.61	-37.64
17801	22.15	-5.07	-4.10	110.16	-181.83	-227.68	-95.46	-183.63	23.97
17802	21.29	-5.08	-4.10	184.29	-184.95	-174.89	-91.77	-160.54	15.23
17803	20.42	-5.08	-4.10	205.97	-171.59	-130.09	-56.93	-112.45	-25.67
17804	19.56	-5.08	-4.10	182.37	-141.49	-105.61	-14.86	-57.78	-80.05
17805	22.75	-6.17	-4.10	28.52	-255.86	-336.23	-70.93	-112.40	272.65
17806	21.87	-6.18	-4.10	153.38	-220.90	-202.75	-90.26	-295.74	182.82
17807	20.99	-6.18	-4.10	207.83	-225.58	-150.68	-51.33	-242.82	66.00
17808	20.12	-6.18	-4.10	223.78	-188.17	-93.37	-17.46	-188.57	19.66
17809	19.24	-6.18	-4.10	192.60	-147.69	-48.28	15.00	-137.24	-43.66
17810	22.42	-7.26	-4.10	177.74	-206.57	-470.89	-146.27	-539.03	728.45
17811	21.53	-7.26	-4.10	181.89	-252.65	-322.01	-62.15	-475.13	166.33
17812	20.64	-7.26	-4.10	199.12	-224.71	-213.89	-23.64	-337.59	83.08
17813	19.75	-7.26	-4.10	212.17	-167.56	-119.80	-4.58	-270.22	37.21
17814	18.86	-7.26	-4.10	189.07	-120.04	-36.37	20.34	-219.39	-26.79
17815	23.24	-3.96	-5.50	123.37	27.00	-390.60	85.31	-241.96	-66.93
17816	22.38	-3.96	-5.50	113.19	-31.50	-328.97	57.63	-178.81	95.47
17817	21.53	-3.96	-5.50	113.44	-32.85	-278.71	56.53	-107.09	68.92
17818	20.67	-3.96	-5.50	113.70	-37.47	-248.69	67.13	-37.39	9.45
17819	19.82	-3.96	-5.50	114.53	-36.24	-242.21	76.81	18.16	-61.16
17820	23.02	-5.07	-5.50	33.82	-43.85	-406.84	31.25	-124.19	71.74

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]
17821	22.15	-5.07	-5.50	99.57	-47.67	-316.43	55.34	-232.21	108.93
17822	21.29	-5.08	-5.50	133.03	-60.14	-259.80	53.98	-191.32	68.68
17823	20.42	-5.08	-5.50	131.93	-63.59	-212.16	68.32	-116.47	2.68
17824	19.56	-5.08	-5.50	126.60	-54.70	-182.06	79.65	-58.58	-62.24
17825	22.75	-6.17	-5.50	30.17	-87.91	-434.76	5.50	-152.21	264.49
17826	21.87	-6.18	-5.50	112.66	-66.85	-328.23	28.65	-353.13	185.92
17827	20.99	-6.18	-5.50	149.77	-83.46	-254.54	51.45	-275.32	60.66
17828	20.12	-6.18	-5.50	141.69	-80.17	-185.22	69.25	-188.90	3.59
17829	19.24	-6.18	-5.50	132.31	-62.19	-132.87	80.89	-128.34	-58.32
17830	22.42	-7.26	-5.50	136.25	-47.00	-498.49	-59.48	-551.96	659.63
17831	21.53	-7.26	-5.50	151.30	-65.06	-376.70	19.75	-490.13	103.05
17832	20.64	-7.26	-5.50	154.38	-79.58	-269.42	51.17	-339.15	35.60
17833	19.75	-7.26	-5.50	142.20	-71.38	-170.75	65.40	-247.08	-6.44
17834	18.86	-7.26	-5.50	133.04	-53.90	-93.29	75.70	-187.24	-61.96
17835	23.24	-3.96	-6.90	173.22	178.08	-363.17	176.98	-247.91	-97.42
17836	22.38	-3.96	-6.90	130.74	45.90	-384.59	165.70	-168.73	104.61
17837	21.53	-3.96	-6.90	84.49	50.19	-343.28	173.86	-86.27	88.71
17838	20.67	-3.96	-6.90	72.02	42.50	-299.30	171.12	-27.59	30.72
17839	19.82	-3.96	-6.90	77.91	39.32	-282.60	164.59	16.58	-37.98
17840	23.02	-5.07	-6.90	44.27	99.51	-374.81	102.96	-144.53	54.30
17841	22.15	-5.07	-6.90	145.89	61.50	-375.67	173.44	-244.11	115.44
17842	21.29	-5.08	-6.90	106.40	38.44	-338.38	161.35	-168.05	83.65
17843	20.42	-5.08	-6.90	86.24	30.33	-270.64	158.86	-100.53	17.78
17844	19.56	-5.08	-6.90	85.52	26.75	-232.56	155.55	-53.34	-45.96
17845	22.75	-6.17	-6.90	42.43	65.53	-404.21	94.31	-183.33	203.78
17846	21.87	-6.18	-6.90	151.56	70.37	-390.11	147.86	-365.81	158.38
17847	20.99	-6.18	-6.90	122.38	39.01	-331.91	145.80	-243.78	54.15
17848	20.12	-6.18	-6.90	96.70	22.22	-242.13	145.23	-164.66	1.98
17849	19.24	-6.18	-6.90	90.97	18.71	-184.89	144.65	-114.64	-54.97
17850	22.42	-7.26	-6.90	99.63	92.74	-488.61	63.27	-554.13	539.83
17851	21.53	-7.26	-6.90	177.18	87.21	-410.75	119.80	-477.28	50.52
17852	20.64	-7.26	-6.90	130.04	36.92	-319.26	126.85	-295.99	11.55
17853	19.75	-7.26	-6.90	101.39	18.87	-210.05	129.43	-214.75	-21.26
17854	18.86	-7.26	-6.90	93.84	14.10	-136.57	130.40	-164.10	-66.83
17855	23.24	-3.96	-8.30	305.63	269.48	-386.45	361.64	-241.03	-212.32
17856	22.38	-3.96	-8.30	103.42	119.86	-467.45	303.11	-75.68	110.69
17857	21.53	-3.96	-8.30	27.56	129.47	-380.59	285.23	-38.76	106.27
17858	20.67	-3.96	-8.30	23.98	123.73	-328.51	260.97	-14.21	53.86
17859	19.82	-3.96	-8.30	43.28	116.97	-309.32	241.28	13.94	-12.04
17860	23.02	-5.07	-8.30	312.79	236.89	-300.30	288.16	-255.58	-85.82
17861	22.15	-5.07	-8.30	154.79	135.70	-481.80	303.87	-142.03	117.83
17862	21.29	-5.08	-8.30	48.78	128.30	-375.86	264.26	-105.42	93.03
17863	20.42	-5.08	-8.30	35.80	119.02	-299.71	239.16	-77.17	34.88
17864	19.56	-5.08	-8.30	49.42	106.07	-263.00	223.82	-46.83	-25.40
17865	22.75	-6.17	-8.30	371.98	226.34	-279.05	279.63	-351.90	58.02
17866	21.87	-6.18	-8.30	162.44	153.21	-512.33	284.99	-250.42	135.43
17867	20.99	-6.18	-8.30	63.75	140.12	-361.96	235.19	-171.34	58.37
17868	20.12	-6.18	-8.30	48.34	111.89	-267.82	213.24	-133.14	11.89
17869	19.24	-6.18	-8.30	56.17	94.34	-216.20	204.03	-99.82	-40.11
17870	22.42	-7.26	-8.30	326.58	238.00	-447.47	311.06	-640.74	311.08
17871	21.53	-7.26	-8.30	168.56	200.28	-511.03	238.89	-350.75	40.05
17872	20.64	-7.26	-8.30	77.59	139.27	-335.13	196.78	-220.68	14.22
17873	19.75	-7.26	-8.30	59.41	101.24	-229.49	187.49	-177.74	-14.59
17874	18.86	-7.26	-8.30	62.09	81.12	-166.91	182.77	-142.31	-54.95
17875	-0.61	-3.95	-2.70	86.91	-0.71	-330.48	4.20	-37.29	-492.21
17876	-1.82	-3.95	-2.70	75.79	-1.01	-323.03	-0.05	-57.78	-485.42
17877	-3.03	-3.95	-2.70	62.21	-1.56	-314.36	-3.54	-77.23	-473.41
17878	-4.24	-3.95	-2.70	46.25	-2.44	-305.00	-5.86	-95.30	-456.58
17879	-5.45	-3.95	-2.70	28.02	-3.80	-295.58	-6.67	-111.69	-435.47
17880	-6.66	-3.96	-2.70	7.64	-5.81	-286.82	-5.75	-126.12	-410.73
17881	-7.88	-3.96	-2.71	-14.76	-8.66	-279.60	-2.99	-138.39	-383.07
17882	-9.09	-3.96	-2.71	-39.06	-12.59	-274.97	1.62	-148.33	-353.21
17883	-10.30	-3.96	-2.71	-65.22	-17.84	-274.21	7.98	-155.91	-321.82
17884	-11.51	-3.96	-2.71	-93.30	-24.71	-278.87	15.87	-161.24	-289.45
17885	-12.72	-3.96	-2.71	-123.68	-33.56	-290.84	25.07	-164.65	-256.49
17886	-13.93	-3.96	-2.71	-157.27	-44.86	-312.60	35.32	-166.75	-223.02
17887	-15.15	-3.96	-2.71	-196.01	-59.36	-347.95	46.48	-168.60	-188.69
17888	-16.36	-3.96	-2.71	-243.90	-78.23	-402.30	58.77	-171.89	-152.34
17889	-17.57	-3.97	-2.71	-308.96	-105.42	-499.86	74.04	-177.99	-110.69
17890	-18.78	-3.97	-2.71	-419.66	-135.23	-592.42	100.09	-239.44	-68.72
17891	-0.60	-5.05	-2.70	78.80	4.73	-191.94	2.79	-37.32	-473.09
17892	-1.79	-5.05	-2.70	68.75	4.79	-185.98	-1.09	-51.29	-466.47
17893	-2.99	-5.06	-2.71	56.75	4.85	-179.57	-4.28	-64.59	-455.03
17894	-4.18	-5.06	-2.71	42.87	4.82	-173.11	-6.40	-77.02	-439.13
17895	-5.38	-5.06	-2.71	27.13	4.54	-167.05	-7.16	-88.38	-419.24
17896	-6.57	-5.06	-2.71	9.59	3.85	-161.91	-6.33	-98.51	-395.92
17897	-7.77	-5.07	-2.71	-9.70	2.52	-158.33	-3.81	-107.21	-369.80
17898	-8.96	-5.07	-2.72	-30.72	0.30	-157.11	0.43	-114.36	-341.50
17899	-10.16	-5.07	-2.72	-53.43	-3.05	-159.29	6.31	-119.87	-311.62
17900	-11.35	-5.07	-2.72	-77.92	-7.83	-166.15	13.67	-123.76	-280.64
17901	-12.55	-5.08	-2.72	-104.49	-14.36	-179.33	22.31	-126.25	-248.93
17902	-13.74	-5.08	-2.72	-133.86	-23.04	-201.03	32.03	-127.79	-216.56
17903	-14.94	-5.08	-2.73	-167.60	-34.46	-234.58	42.72	-129.22	-183.22
17904	-16.13	-5.08	-2.73	-208.98	-49.39	-284.85	54.67	-131.97	-147.90
17905	-17.33	-5.09	-2.73	-264.82	-70.41	-371.58	69.80	-137.49	-107.81
17906	-18.52	-5.09	-2.73	-358.77	-91.24	-458.34	94.72	-187.53	-68.42
17907	-0.59	-6.15	-2.70	71.29	12.05	-56.85	1.17	-37.38	-444.60
17908	-1.76	-6.15	-2.70	62.22	12.40	-52.47	-2.06	-45.30	-438.25
17909	-2.94	-6.16	-2.71	51.70	12.95	-48.26	-4.67	-52.89	-427.56
17910	-4.11	-6.16	-2.71	39.74	13.60	-44.54	-6.35	-60.06	-412.83
17911	-5.28	-6.16	-2.71	26.33	14.21	-41.61	-6.82	-66.72	-394.45
17912	-6.46	-6.16	-2.71	11.45	14.59	-39.82	-5.90	-72.78	-372.90
17913	-7.63	-6.17	-2.71	-4.92	14.52	-39.60	-3.46	-78.09	-348.69
17914	-8.81	-6.17	-2.72	-22.79	13.76	-41.56	0.53	-82.52	-322.34
17915	-9.98	-6.17	-2.72	-42.19	12.07	-46.47	6.04	-85.97	-294.36
17916	-11.16	-6.17	-2.72	-63.20	9.17	-55.40	12.96	-88.42	-265.16
17917	-12.33	-6.18	-2.72	-86.07	4.77	-69.75	21.13	-89.97	-235.04
17918	-13.51	-6.18	-2.72	-111.37	-1.44	-91.41	30.41	-90.94	-204.07
17919	-14.68	-6.18	-2.73	-140.34	-9.87	-123.27	40.73	-92.02	-171.97

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]
17920	-15.85	-6.19	-2.73	-175.64	-21.04	-169.63	52.38	-94.40	-137.78
17921	-17.03	-6.19	-2.73	-222.97	-36.16	-246.09	67.35	-99.65	-99.22
17922	-18.20	-6.19	-2.73	-302.26	-48.40	-328.18	91.89	-139.32	-61.59
17923	-0.58	-7.25	-2.70	64.82	21.90	74.39	-0.66	-37.53	-407.69
17924	-1.73	-7.25	-2.70	56.63	22.47	77.21	-2.99	-39.96	-401.73
17925	-2.88	-7.25	-2.70	47.44	23.39	79.33	-4.81	-42.35	-391.94
17926	-4.03	-7.25	-2.70	37.22	24.56	80.54	-5.84	-44.72	-378.57
17927	-5.18	-7.26	-2.70	25.93	25.85	80.65	-5.85	-47.06	-361.93
17928	-6.33	-7.26	-2.70	13.49	27.06	79.46	-4.66	-49.32	-342.40
17929	-7.48	-7.26	-2.71	-0.15	28.01	76.67	-2.15	-51.41	-320.38
17930	-8.63	-7.26	-2.71	-15.07	28.46	71.88	1.74	-53.21	-296.28
17931	-9.78	-7.26	-2.71	-31.31	28.20	64.50	7.01	-54.61	-270.50
17932	-10.93	-7.26	-2.71	-48.98	26.97	53.68	13.60	-55.55	-243.36
17933	-12.08	-7.26	-2.71	-68.26	24.54	38.27	21.41	-56.10	-215.12
17934	-13.23	-7.26	-2.71	-89.61	20.68	16.68	30.37	-56.44	-185.82
17935	-14.38	-7.26	-2.71	-114.06	15.15	-13.51	40.46	-57.13	-155.15
17936	-15.53	-7.27	-2.71	-143.77	7.77	-56.00	51.95	-59.15	-122.21
17937	-16.68	-7.27	-2.71	-183.55	-1.86	-122.66	66.73	-63.96	-84.89
17938	-17.83	-7.27	-2.71	-250.31	-6.44	-201.16	91.23	-93.34	-47.91
17939	-0.61	-3.95	-4.10	111.56	30.50	-325.25	14.25	-24.72	-490.93
17940	-1.82	-3.95	-4.10	101.68	29.90	-318.76	9.95	-42.39	-485.09
17941	-3.03	-3.95	-4.10	89.34	28.88	-311.22	6.27	-59.09	-474.79
17942	-4.24	-3.95	-4.10	74.67	27.38	-303.15	3.51	-74.50	-460.34
17943	-5.45	-3.95	-4.10	57.78	25.29	-295.16	1.92	-88.30	-442.16
17944	-6.66	-3.96	-4.10	38.88	22.49	-287.98	1.66	-100.27	-420.76
17945	-7.88	-3.96	-4.10	18.15	18.84	-282.48	2.82	-110.18	-396.71
17946	-9.09	-3.96	-4.11	-4.14	14.20	-279.69	5.37	-117.91	-370.56
17947	-10.30	-3.96	-4.11	-27.75	8.40	-280.82	9.24	-123.37	-342.87
17948	-11.51	-3.96	-4.11	-52.40	1.28	-287.29	14.28	-126.58	-314.09
17949	-12.72	-3.96	-4.11	-77.81	-7.31	-300.82	20.32	-127.66	-284.59
17950	-13.93	-3.96	-4.11	-103.61	-17.51	-323.57	27.22	-126.96	-254.57
17951	-15.15	-3.96	-4.11	-128.94	-29.34	-358.25	34.96	-125.36	-224.07
17952	-16.36	-3.96	-4.11	-151.34	-42.61	-409.43	43.97	-125.57	-193.06
17953	-17.57	-3.96	-4.11	-162.69	-54.39	-472.55	55.71	-142.45	-163.50
17954	-18.78	-3.97	-4.11	-161.07	-56.08	-492.54	68.80	-203.43	-141.20
17955	-0.60	-5.05	-4.10	101.88	31.63	-205.31	12.59	-25.12	-473.61
17956	-1.79	-5.05	-4.10	92.90	31.30	-199.93	8.48	-37.20	-467.88
17957	-2.99	-5.06	-4.10	81.92	30.78	-194.04	4.95	-48.62	-457.99
17958	-4.18	-5.06	-4.11	69.00	29.98	-188.05	2.27	-59.17	-444.24
17959	-5.38	-5.06	-4.11	54.24	28.81	-182.42	0.65	-68.63	-426.98
17960	-6.57	-5.06	-4.11	37.75	27.11	-177.74	0.27	-76.84	-406.68
17961	-7.77	-5.07	-4.11	19.66	24.75	-174.68	1.20	-83.64	-383.83
17962	-8.96	-5.07	-4.11	0.14	21.54	-174.09	3.44	-88.91	-358.92
17963	-10.16	-5.07	-4.11	-20.60	17.32	-176.98	6.94	-92.55	-332.45
17964	-11.35	-5.07	-4.12	-42.35	11.91	-184.58	11.60	-94.55	-304.85
17965	-12.55	-5.08	-4.12	-64.87	5.15	-198.40	17.26	-94.97	-276.44
17966	-13.74	-5.08	-4.12	-87.81	-3.08	-220.36	23.84	-94.06	-247.43
17967	-14.94	-5.08	-4.12	-110.46	-12.77	-252.94	31.38	-92.57	-217.90
17968	-16.13	-5.08	-4.12	-130.81	-23.68	-300.05	40.34	-92.75	-188.02
17969	-17.33	-5.08	-4.12	-142.41	-33.29	-358.42	52.09	-106.58	-160.01
17970	-18.52	-5.09	-4.13	-143.27	-35.20	-384.66	64.94	-156.08	-139.81
17971	-0.59	-6.15	-4.10	92.66	33.98	-87.47	10.65	-25.51	-448.09
17972	-1.76	-6.15	-4.10	84.52	33.89	-83.31	6.99	-32.37	-442.55
17973	-2.94	-6.16	-4.10	74.79	33.78	-79.08	3.85	-38.87	-433.24
17974	-4.11	-6.16	-4.11	63.53	33.57	-75.11	1.45	-44.88	-420.40
17975	-5.29	-6.16	-4.11	50.76	33.15	-71.76	0.01	-50.28	-404.35
17976	-6.46	-6.16	-4.11	36.55	32.38	-69.46	-0.34	-54.95	-385.46
17977	-7.63	-6.17	-4.11	20.95	31.10	-68.74	0.50	-58.78	-364.15
17978	-8.81	-6.17	-4.11	4.09	29.13	-70.27	2.55	-61.67	-340.87
17979	-9.98	-6.17	-4.11	-13.91	26.29	-74.87	5.77	-63.53	-316.01
17980	-11.16	-6.17	-4.12	-32.88	22.41	-83.58	10.09	-64.32	-289.96
17981	-12.33	-6.18	-4.12	-52.62	17.31	-97.72	15.40	-64.05	-263.01
17982	-13.51	-6.18	-4.12	-72.88	10.89	-118.99	21.66	-62.90	-235.35
17983	-14.68	-6.18	-4.12	-93.07	3.16	-149.58	28.92	-61.43	-207.09
17984	-15.86	-6.18	-4.12	-111.66	-5.60	-192.89	37.68	-61.47	-178.47
17985	-17.03	-6.19	-4.12	-123.82	-13.37	-246.97	49.17	-72.17	-151.76
17986	-18.21	-6.19	-4.12	-127.36	-15.65	-279.39	61.72	-110.69	-132.63
17987	-0.58	-7.25	-4.10	84.31	38.07	28.05	8.45	-25.93	-415.13
17988	-1.73	-7.25	-4.10	76.92	38.19	30.96	5.45	-28.04	-409.89
17989	-2.88	-7.25	-4.10	68.34	38.42	33.57	2.89	-30.05	-401.30
17990	-4.03	-7.25	-4.10	58.58	38.69	35.62	0.96	-31.90	-389.56
17991	-5.18	-7.25	-4.10	47.64	38.88	36.85	-0.15	-33.55	-374.93
17992	-6.33	-7.26	-4.10	35.52	38.86	36.94	-0.31	-34.94	-357.71
17993	-7.48	-7.26	-4.10	22.26	38.47	35.50	0.58	-35.98	-338.25
17994	-8.63	-7.26	-4.11	7.89	37.54	32.01	2.54	-36.60	-316.89
17995	-9.78	-7.26	-4.11	-7.52	35.89	25.81	5.56	-36.71	-293.97
17996	-10.93	-7.26	-4.11	-23.85	33.34	16.03	9.60	-36.26	-269.80
17997	-12.08	-7.26	-4.11	-40.97	29.73	1.56	14.60	-35.25	-244.64
17998	-13.23	-7.26	-4.11	-58.71	24.94	-19.07	20.53	-33.75	-218.63
17999	-14.38	-7.26	-4.11	-76.68	18.99	-47.81	27.47	-32.16	-191.87
18000	-15.53	-7.26	-4.11	-93.83	12.14	-87.64	35.87	-31.78	-164.58
18001	-16.68	-7.27	-4.11	-106.75	5.91	-138.19	46.81	-39.12	-138.75
18002	-17.83	-7.27	-4.11	-112.91	3.26	-177.13	58.97	-67.31	-119.89
18003	-0.61	-3.95	-5.50	141.15	62.74	-322.35	24.67	-13.52	-482.31
18004	-1.82	-3.95	-5.50	132.91	61.95	-316.75	19.28	-28.31	-477.24
18005	-3.03	-3.95	-5.50	122.30	60.68	-310.34	14.43	-42.22	-468.30
18006	-4.24	-3.95	-5.50	109.46	58.88	-303.58	10.33	-54.95	-455.73
18007	-5.45	-3.95	-5.50	94.55	56.46	-297.05	7.15	-66.27	-439.87
18008	-6.66	-3.96	-5.50	77.83	53.36	-291.46	5.00	-75.97	-421.10
18009	-7.88	-3.96	-5.50	59.61	49.48	-287.64	3.91	-83.94	-399.85
18010	-9.09	-3.96	-5.50	40.30	44.73	-286.58	3.87	-90.12	-376.59
18011	-10.30	-3.96	-5.50	20.42	39.04	-289.42	4.79	-94.54	-351.72
18012	-11.51	-3.96	-5.50	0.67	32.37	-297.46	6.52	-97.37	-325.65
18013	-12.72	-3.96	-5.51	-18.02	24.76	-312.10	8.91	-99.05	-298.67
18014	-13.94	-3.96	-5.51	-34.26	16.35	-334.77	11.77	-100.58	-271.03
18015	-15.15	-3.96	-5.51	-45.93	7.59	-366.45	14.93	-104.30	-242.90
18016	-16.36	-3.96	-5.51	-50.00	-0.42	-404.68	18.16	-116.20	-214.66
18017	-17.57	-3.96	-5.51	-47.04	-5.57	-434.63	20.27	-146.12	-186.75
18018	-18.78	-3.96	-5.51	-49.83	-6.76	-427.70	17.94	-193.30	-156.55

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]
18019	-0.60	-5.05	-5.50	128.57	57.20	-218.54	22.78	-14.09	-466.01
18020	-1.79	-5.05	-5.50	121.09	56.60	-213.76	17.52	-24.07	-461.01
18021	-2.99	-5.06	-5.50	111.64	55.71	-208.50	12.75	-33.44	-452.39
18022	-4.18	-5.06	-5.50	100.29	54.47	-203.14	8.67	-41.97	-440.35
18023	-5.38	-5.06	-5.51	87.19	52.80	-198.16	5.45	-49.50	-425.19
18024	-6.57	-5.06	-5.51	72.50	50.60	-194.14	3.18	-55.91	-407.28
18025	-7.77	-5.06	-5.51	56.48	47.76	-191.78	1.92	-61.08	-386.98
18026	-8.96	-5.07	-5.51	39.44	44.17	-191.91	1.66	-65.00	-364.72
18027	-10.16	-5.07	-5.51	21.82	39.72	-195.51	2.33	-67.67	-340.87
18028	-11.35	-5.07	-5.51	4.21	34.34	-203.74	3.84	-69.24	-315.80
18029	-12.55	-5.07	-5.51	-12.59	28.02	-217.87	6.04	-70.04	-289.80
18030	-13.74	-5.08	-5.51	-27.40	20.87	-239.22	8.83	-70.90	-263.12
18031	-14.94	-5.08	-5.51	-38.42	13.22	-268.78	12.07	-73.75	-236.01
18032	-16.13	-5.08	-5.52	-43.11	5.95	-304.78	15.56	-83.48	-208.97
18033	-17.33	-5.08	-5.52	-41.70	0.59	-335.55	18.10	-108.10	-182.61
18034	-18.52	-5.09	-5.52	-43.88	-2.22	-338.37	16.36	-147.65	-154.48
18035	-0.59	-6.15	-5.50	116.40	52.45	-115.85	20.55	-14.64	-442.48
18036	-1.76	-6.15	-5.50	109.62	52.04	-111.98	15.64	-20.11	-437.62
18037	-2.94	-6.16	-5.50	101.24	51.48	-107.91	11.16	-25.22	-429.44
18038	-4.11	-6.16	-5.50	91.31	50.73	-103.98	7.29	-29.81	-418.12
18039	-5.29	-6.16	-5.51	79.90	49.68	-100.55	4.19	-33.79	-403.92
18040	-6.46	-6.16	-5.51	67.15	48.25	-98.11	1.95	-37.08	-387.13
18041	-7.64	-6.17	-5.51	53.22	46.29	-97.21	0.63	-39.60	-368.10
18042	-8.81	-6.17	-5.51	38.35	43.69	-98.55	0.23	-41.34	-347.18
18043	-9.98	-6.17	-5.51	22.91	40.31	-102.97	0.71	-42.31	-324.68
18044	-11.16	-6.17	-5.51	7.34	36.05	-111.47	1.99	-42.60	-300.94
18045	-12.33	-6.18	-5.51	-7.66	30.87	-125.21	3.98	-42.48	-276.21
18046	-13.51	-6.18	-5.51	-21.12	24.82	-145.43	6.61	-42.59	-250.74
18047	-14.68	-6.18	-5.51	-31.55	18.15	-173.12	9.79	-44.48	-224.80
18048	-15.86	-6.18	-5.52	-36.87	11.52	-207.20	13.37	-51.97	-198.92
18049	-17.03	-6.18	-5.52	-36.94	5.99	-239.01	16.23	-71.47	-173.78
18050	-18.21	-6.19	-5.52	-38.62	1.86	-251.23	15.33	-103.80	-147.32
18051	-0.58	-7.25	-5.50	104.97	48.91	-14.27	18.03	-15.17	-412.24
18052	-1.73	-7.25	-5.50	98.84	48.68	-11.38	13.63	-16.52	-407.62
18053	-2.88	-7.25	-5.50	91.43	48.41	-8.54	9.61	-17.72	-400.02
18054	-4.03	-7.25	-5.50	82.78	48.05	-6.01	6.12	-18.71	-389.59
18055	-5.18	-7.25	-5.50	72.94	47.52	-4.10	3.28	-19.42	-376.55
18056	-6.33	-7.26	-5.50	61.98	46.70	-3.19	1.19	-19.81	-361.14
18057	-7.48	-7.26	-5.50	50.01	45.46	-3.72	-0.09	-19.85	-343.64
18058	-8.63	-7.26	-5.50	37.18	43.67	-6.26	-0.56	-19.51	-324.33
18059	-9.78	-7.26	-5.50	23.77	41.18	-11.54	-0.23	-18.80	-303.48
18060	-10.93	-7.26	-5.50	10.13	37.86	-20.41	0.84	-17.80	-281.34
18061	-12.08	-7.26	-5.51	-3.20	33.63	-33.90	2.60	-16.68	-258.15
18062	-13.23	-7.26	-5.51	-15.42	28.49	-53.17	4.98	-15.92	-234.08
18063	-14.38	-7.26	-5.51	-25.33	22.61	-79.31	7.99	-16.67	-209.38
18064	-15.53	-7.26	-5.51	-31.25	16.50	-111.95	11.52	-21.83	-184.57
18065	-16.68	-7.27	-5.51	-32.61	10.87	-145.22	14.66	-36.40	-160.34
18066	-17.83	-7.27	-5.51	-33.90	5.84	-166.44	14.87	-62.10	-135.34
18067	-0.61	-3.95	-6.90	175.91	95.96	-322.33	35.45	-4.11	-462.07
18068	-1.82	-3.95	-6.90	169.65	95.09	-317.57	28.02	-16.10	-457.66
18069	-3.03	-3.95	-6.90	161.14	93.76	-312.21	21.08	-27.31	-449.84
18070	-4.24	-3.95	-6.90	150.51	91.93	-306.66	14.79	-37.50	-438.81
18071	-5.45	-3.95	-6.90	137.96	89.55	-301.45	9.27	-46.52	-424.81
18072	-6.67	-3.95	-6.90	123.78	86.58	-297.21	4.57	-54.26	-408.14
18073	-7.88	-3.96	-6.90	108.36	82.95	-294.72	0.73	-60.75	-389.13
18074	-9.09	-3.96	-6.90	92.22	78.63	-294.88	-2.30	-66.07	-368.12
18075	-10.30	-3.96	-6.90	76.04	73.59	-298.67	-4.61	-70.48	-345.43
18076	-11.51	-3.96	-6.90	60.68	67.87	-307.12	-6.33	-74.43	-321.34
18077	-12.72	-3.96	-6.90	47.24	61.61	-321.13	-7.62	-78.76	-296.08
18078	-13.94	-3.96	-6.90	36.99	55.09	-341.01	-8.68	-84.98	-269.81
18079	-15.15	-3.96	-6.90	31.08	48.85	-365.45	-9.80	-95.78	-242.55
18080	-16.36	-3.96	-6.90	29.18	43.70	-389.17	-11.49	-114.88	-214.12
18081	-17.57	-3.96	-6.90	27.23	40.45	-401.60	-14.55	-143.93	-183.57
18082	-18.78	-3.96	-6.90	19.07	39.73	-390.87	-19.04	-177.49	-149.15
18083	-0.60	-5.05	-6.90	159.14	81.49	-232.61	33.35	-4.72	-446.47
18084	-1.79	-5.05	-6.90	153.54	80.73	-228.42	26.05	-12.56	-442.10
18085	-2.99	-5.06	-6.90	146.01	79.69	-223.80	19.22	-19.84	-434.51
18086	-4.18	-5.06	-6.90	136.68	78.32	-219.13	12.98	-26.39	-423.87
18087	-5.38	-5.06	-6.90	125.69	76.57	-214.83	7.46	-32.08	-410.42
18088	-6.57	-5.06	-6.90	113.26	74.36	-211.45	2.73	-36.88	-394.42
18089	-7.77	-5.06	-6.90	99.72	71.62	-209.66	-1.20	-40.80	-376.16
18090	-8.96	-5.07	-6.91	85.49	68.26	-210.23	-4.33	-43.94	-355.96
18091	-10.16	-5.07	-6.91	71.13	64.24	-214.04	-6.75	-46.53	-334.11
18092	-11.36	-5.07	-6.91	57.40	59.55	-222.05	-8.54	-48.95	-310.90
18093	-12.55	-5.07	-6.91	45.24	54.27	-235.12	-9.84	-51.92	-286.56
18094	-13.75	-5.08	-6.91	35.77	48.60	-253.68	-10.79	-56.68	-261.27
18095	-14.94	-5.08	-6.91	30.02	42.97	-276.81	-11.64	-65.48	-235.15
18096	-16.14	-5.08	-6.91	27.83	38.01	-300.41	-12.90	-81.42	-208.10
18097	-17.33	-5.08	-6.91	26.12	34.39	-316.07	-15.41	-106.09	-179.33
18098	-18.53	-5.08	-6.91	19.95	32.76	-314.01	-19.38	-135.67	-147.21
18099	-0.59	-6.15	-6.90	142.78	67.73	-143.34	30.87	-5.28	-424.41
18100	-1.76	-6.15	-6.90	137.78	67.09	-139.80	23.91	-9.23	-420.14
18101	-2.94	-6.16	-6.90	131.19	66.32	-136.01	17.36	-12.81	-412.89
18102	-4.11	-6.16	-6.90	123.08	65.35	-132.27	11.35	-15.92	-402.82
18103	-5.29	-6.16	-6.90	113.58	64.13	-128.95	5.98	-18.49	-390.11
18104	-6.46	-6.16	-6.90	102.83	62.57	-126.50	1.33	-20.50	-375.00
18105	-7.64	-6.16	-6.90	91.09	60.56	-125.49	-2.58	-21.98	-357.76
18106	-8.81	-6.17	-6.91	78.69	58.03	-126.58	-5.76	-23.02	-338.64
18107	-9.99	-6.17	-6.91	66.10	54.88	-130.57	-8.25	-23.82	-317.91
18108	-11.16	-6.17	-6.91	53.95	51.08	-138.31	-10.11	-24.72	-295.81
18109	-12.34	-6.17	-6.91	43.05	46.65	-150.65	-11.44	-26.29	-272.59
18110	-13.51	-6.18	-6.91	34.35	41.73	-168.11	-12.35	-29.57	-248.41
18111	-14.69	-6.18	-6.91	28.78	36.67	-190.19	-13.01	-36.37	-223.46
18112	-15.86	-6.18	-6.91	26.35	31.97	-213.88	-13.89	-49.23	-197.72
18113	-17.03	-6.18	-6.91	24.85	28.15	-232.76	-15.77	-69.71	-170.61
18114	-18.21	-6.19	-6.91	20.46	25.89	-238.89	-18.95	-95.44	-140.76
18115	-0.58	-7.25	-6.90	127.16	55.00	-54.36	28.05	-5.81	-396.18
18116	-1.73	-7.25	-6.90	122.70	54.51	-51.56	21.59	-6.16	-392.11
18117	-2.88	-7.25	-6.90	116.96	53.98	-48.67	15.48	-6.35	-385.32



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]
18118	-4.03	-7.25	-6.90	109.98	53.36	-45.92	9.83	-6.30	-375.95
18119	-5.18	-7.25	-6.90	101.85	52.57	-43.62	4.74	-5.98	-364.17
18120	-6.33	-7.26	-6.90	92.67	51.53	-42.17	0.27	-5.39	-350.17
18121	-7.48	-7.26	-6.90	82.62	50.13	-42.02	-3.54	-4.58	-334.17
18122	-8.63	-7.26	-6.90	71.94	48.26	-43.75	-6.69	-3.62	-316.37
18123	-9.78	-7.26	-6.90	61.02	45.82	-48.07	-9.21	-2.67	-297.00
18124	-10.93	-7.26	-6.90	50.37	42.74	-55.75	-11.14	-2.02	-276.23
18125	-12.08	-7.26	-6.90	40.65	39.01	-67.63	-12.53	-2.15	-254.29
18126	-13.23	-7.26	-6.90	32.70	34.73	-84.32	-13.44	-3.86	-231.33
18127	-14.38	-7.26	-6.90	27.34	30.16	-105.72	-13.98	-8.62	-207.55
18128	-15.53	-7.26	-6.90	24.75	25.75	-129.83	-14.48	-18.50	-183.07
18129	-16.68	-7.26	-6.90	23.47	21.93	-151.95	-15.65	-35.05	-157.50
18130	-17.83	-7.27	-6.90	20.64	19.34	-165.74	-17.80	-57.18	-129.99
18131	-0.61	-3.95	-8.30	215.81	129.50	-325.12	46.55	3.12	-426.09
18132	-1.82	-3.95	-8.30	211.82	128.62	-321.12	36.13	-6.22	-422.27
18133	-3.03	-3.95	-8.30	205.65	127.40	-316.70	26.21	-14.89	-415.44
18134	-4.24	-3.95	-8.30	197.44	125.81	-312.20	16.90	-22.72	-405.76
18135	-5.45	-3.95	-8.30	187.40	123.82	-308.05	8.31	-29.65	-393.40
18136	-6.67	-3.95	-8.30	175.82	121.38	-304.81	0.47	-35.70	-378.59
18137	-7.88	-3.96	-8.30	163.10	118.47	-303.13	-6.59	-41.02	-361.55
18138	-9.09	-3.96	-8.30	149.73	115.06	-303.74	-12.93	-45.88	-342.53
18139	-10.30	-3.96	-8.30	136.38	111.13	-307.43	-18.61	-50.75	-321.74
18140	-11.51	-3.96	-8.30	123.80	106.74	-314.88	-23.75	-56.30	-299.40
18141	-12.72	-3.96	-8.30	112.83	102.02	-326.45	-28.44	-63.52	-275.66
18142	-13.94	-3.96	-8.30	104.13	97.21	-341.66	-32.81	-73.77	-250.55
18143	-15.15	-3.96	-8.30	97.66	92.72	-358.39	-37.02	-88.68	-223.94
18144	-16.36	-3.96	-8.30	92.02	89.03	-372.25	-41.25	-109.31	-195.40
18145	-17.57	-3.96	-8.30	84.38	86.64	-377.11	-45.47	-134.57	-164.19
18146	-18.78	-3.96	-8.30	71.91	85.85	-367.45	-49.24	-160.08	-129.53
18147	-0.60	-5.05	-8.30	193.54	103.84	-247.69	44.25	2.60	-411.31
18148	-1.79	-5.05	-8.30	190.11	103.01	-244.05	34.07	-3.20	-407.51
18149	-2.99	-5.06	-8.30	184.83	102.03	-240.07	24.34	-8.49	-400.84
18150	-4.18	-5.06	-8.30	177.81	100.85	-236.04	15.20	-13.17	-391.45
18151	-5.38	-5.06	-8.30	169.20	99.43	-232.34	6.73	-17.19	-379.51
18152	-6.57	-5.06	-8.30	159.24	97.71	-229.45	-1.02	-20.60	-365.19
18153	-7.77	-5.06	-8.30	148.24	95.65	-227.92	-8.03	-23.53	-348.73
18154	-8.97	-5.07	-8.30	136.62	93.18	-228.43	-14.32	-26.26	-330.34
18155	-10.16	-5.07	-8.30	124.94	90.25	-231.69	-19.97	-29.19	-310.26
18156	-11.36	-5.07	-8.30	113.87	86.89	-238.39	-25.04	-32.95	-288.69
18157	-12.55	-5.07	-8.30	104.15	83.15	-248.96	-29.63	-38.37	-265.82
18158	-13.75	-5.07	-8.30	96.39	79.23	-263.15	-33.82	-46.63	-241.75
18159	-14.94	-5.08	-8.30	90.66	75.45	-279.40	-37.75	-59.11	-216.41
18160	-16.14	-5.08	-8.30	85.85	72.25	-294.21	-41.63	-76.79	-189.47
18161	-17.33	-5.08	-8.30	79.71	70.09	-302.57	-45.51	-99.01	-160.24
18162	-18.53	-5.08	-8.30	69.76	69.35	-299.64	-49.10	-122.53	-127.92
18163	-0.59	-6.15	-8.30	171.78	79.15	-170.35	41.53	2.12	-390.81
18164	-1.76	-6.15	-8.30	168.88	78.40	-167.16	31.78	-0.32	-387.09
18165	-2.94	-6.16	-8.30	164.45	77.64	-163.71	22.44	-2.43	-380.68
18166	-4.11	-6.16	-8.30	158.55	76.83	-160.24	13.63	-4.13	-371.71
18167	-5.29	-6.16	-8.30	151.31	75.91	-157.09	5.43	-5.40	-360.32
18168	-6.46	-6.16	-8.30	142.91	74.81	-154.65	-2.11	-6.29	-346.69
18169	-7.64	-6.16	-8.30	133.58	73.46	-153.42	-8.97	-6.95	-331.01
18170	-8.81	-6.17	-8.30	123.67	71.79	-153.98	-15.15	-7.62	-313.47
18171	-9.99	-6.17	-8.30	113.63	69.73	-157.00	-20.71	-8.67	-294.29
18172	-11.16	-6.17	-8.30	104.04	67.25	-163.15	-25.69	-10.65	-273.66
18173	-12.34	-6.17	-8.30	95.55	64.40	-172.94	-30.15	-14.29	-251.78
18174	-13.51	-6.18	-8.30	88.74	61.31	-186.34	-34.16	-20.59	-228.81
18175	-14.69	-6.18	-8.30	83.74	58.27	-202.29	-37.81	-30.72	-204.76
18176	-15.86	-6.18	-8.30	79.75	55.64	-218.13	-41.28	-45.55	-179.39
18177	-17.04	-6.18	-8.30	75.01	53.87	-229.84	-44.70	-64.85	-152.15
18178	-18.21	-6.18	-8.30	67.41	53.35	-233.25	-47.90	-86.33	-122.32
18179	-0.58	-7.25	-8.30	150.85	55.82	-92.90	38.45	1.69	-364.65
18180	-1.73	-7.25	-8.30	148.44	55.20	-90.26	29.29	2.35	-361.07
18181	-2.88	-7.25	-8.30	144.77	54.66	-87.43	20.49	3.19	-355.01
18182	-4.03	-7.25	-8.30	139.91	54.17	-84.63	12.14	4.25	-346.59
18183	-5.18	-7.25	-8.30	133.94	53.67	-82.13	4.33	5.53	-335.92
18184	-6.33	-7.26	-8.30	127.00	53.08	-80.28	-2.90	6.97	-323.16
18185	-7.48	-7.26	-8.30	119.25	52.32	-79.51	-9.51	8.45	-308.45
18186	-8.63	-7.26	-8.30	110.97	51.30	-80.34	-15.52	9.74	-291.98
18187	-9.78	-7.26	-8.30	102.50	49.95	-83.37	-20.93	10.52	-273.90
18188	-10.93	-7.26	-8.30	94.35	48.21	-89.27	-25.78	10.32	-254.39
18189	-12.08	-7.26	-8.30	87.06	46.13	-98.59	-30.09	8.46	-233.65
18190	-13.23	-7.26	-8.30	81.18	43.81	-111.53	-33.90	4.13	-211.85
18191	-14.38	-7.26	-8.30	76.92	41.47	-127.46	-37.24	-3.69	-189.09
18192	-15.53	-7.26	-8.30	73.73	39.50	-144.45	-40.24	-15.84	-165.30
18193	-16.68	-7.26	-8.30	70.27	38.26	-159.36	-43.08	-32.34	-140.07
18194	-17.83	-7.27	-8.30	64.79	38.12	-168.60	-45.70	-51.83	-112.88
18195	-22.42	-7.26	-2.70	-24.81	-43.31	0.64	58.24	-7.70	37.78
18196	-21.53	-7.26	-2.70	-65.44	-9.82	-4.65	113.99	-9.60	17.92
18197	-20.64	-7.26	-2.71	-121.29	17.02	-9.54	148.18	-22.29	5.36
18198	-19.74	-7.27	-2.71	-205.84	36.69	-15.86	159.98	-45.65	-16.72
18199	-18.85	-7.27	-2.71	-341.86	30.34	-136.47	147.05	-138.50	-50.89
18200	-22.75	-6.17	-2.70	-19.90	-46.92	0.96	57.39	-5.22	38.57
18201	-21.87	-6.18	-2.71	-55.67	-19.18	-5.29	116.80	-8.67	18.40
18202	-20.99	-6.18	-2.72	-113.15	1.40	-11.73	154.30	-24.76	5.46
18203	-20.11	-6.19	-2.72	-213.17	14.21	-17.88	167.71	-56.46	-18.18
18204	-19.23	-6.19	-2.73	-400.46	-12.57	-201.96	150.44	-196.49	-63.22
18205	-23.02	-5.07	-2.70	-14.94	-50.56	1.41	55.94	-2.57	39.07
18206	-22.15	-5.08	-2.71	-45.50	-28.87	-5.76	118.13	-7.33	18.73
18207	-21.28	-5.08	-2.72	-104.54	-14.85	-13.74	158.45	-26.64	5.75
18208	-20.42	-5.08	-2.72	-221.27	-9.43	-19.98	173.62	-67.00	-18.84
18209	-19.55	-5.09	-2.73	-464.77	-56.38	-269.82	155.99	-257.07	-69.10
18210	-23.24	-3.96	-2.70	-10.26	-54.18	1.76	53.99	0.01	39.31
18211	-22.38	-3.96	-2.70	-35.61	-38.96	-6.40	118.17	-6.30	18.97
18212	-21.53	-3.96	-2.71	-96.20	-31.64	-15.97	161.07	-29.16	6.38
18213	-20.67	-3.96	-2.71	-230.63	-33.47	-22.02	179.16	-78.86	-17.72
18214	-19.81	-3.97	-2.71	-534.95	-101.15	-340.32	165.03	-322.79	-67.81
18215	-22.42	-7.26	-4.10	-16.67	-16.94	-3.57	21.62	-27.31	85.70
18216	-21.53	-7.26	-4.10	-53.72	-5.24	-24.10	47.81	-39.19	43.24

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]
18217	-20.64	-7.26	-4.11	-98.01	2.39	-38.96	59.75	-65.54	5.65
18218	-19.75	-7.27	-4.11	-139.22	0.90	-83.92	59.19	-105.73	-41.87
18219	-18.85	-7.27	-4.11	-127.27	-1.89	-153.38	57.82	-111.63	-92.93
18220	-22.75	-6.17	-4.10	-15.65	-14.65	-3.54	20.40	-24.21	87.18
18221	-21.87	-6.18	-4.11	-54.53	-6.77	-28.38	47.76	-41.80	44.09
18222	-20.99	-6.18	-4.11	-105.98	-2.90	-47.02	60.05	-78.59	5.01
18223	-20.11	-6.18	-4.12	-160.37	-9.89	-110.23	58.49	-140.61	-47.20
18224	-19.23	-6.19	-4.12	-145.41	-16.90	-221.13	58.68	-163.80	-104.24
18225	-23.02	-5.07	-4.10	-14.86	-12.28	-3.44	19.30	-20.96	88.31
18226	-22.15	-5.08	-4.11	-55.67	-8.24	-32.61	47.91	-44.30	45.02
18227	-21.29	-5.08	-4.11	-114.73	-7.90	-55.09	61.11	-91.87	5.36
18228	-20.42	-5.08	-4.12	-183.25	-19.94	-137.30	59.57	-176.91	-49.29
18229	-19.55	-5.09	-4.12	-165.07	-31.64	-290.96	60.90	-218.41	-109.88
18230	-23.24	-3.96	-4.10	-14.26	-9.74	-3.50	18.42	-17.69	89.02
18231	-22.38	-3.96	-4.10	-57.05	-9.73	-37.01	48.44	-46.78	46.01
18232	-21.53	-3.96	-4.11	-124.01	-12.76	-63.27	63.40	-105.24	6.95
18233	-20.67	-3.96	-4.11	-207.67	-29.67	-164.68	63.18	-214.14	-47.32
18234	-19.82	-3.97	-4.11	-186.52	-46.87	-362.20	64.90	-275.21	-109.01
18235	-22.42	-7.26	-5.50	-7.66	12.84	-22.60	-0.74	-46.16	107.13
18236	-21.53	-7.26	-5.50	-30.41	10.61	-54.05	5.78	-67.58	55.71
18237	-20.64	-7.26	-5.50	-52.15	8.08	-81.13	7.92	-92.86	5.16
18238	-19.75	-7.26	-5.51	-55.25	4.23	-121.09	8.54	-108.07	-48.54
18239	-18.85	-7.27	-5.51	-44.11	2.70	-158.59	11.43	-93.74	-99.54
18240	-22.75	-6.17	-5.50	-8.50	19.52	-26.23	-1.83	-44.48	108.98
18241	-21.87	-6.18	-5.51	-34.76	15.36	-64.66	4.60	-74.79	56.71
18242	-20.99	-6.18	-5.51	-62.03	10.75	-100.51	6.26	-113.11	4.04
18243	-20.11	-6.18	-5.51	-67.16	4.70	-158.09	6.55	-143.42	-53.41
18244	-19.23	-6.19	-5.52	-53.00	0.63	-221.92	10.23	-137.96	-108.70
18245	-23.02	-5.07	-5.50	-9.60	26.56	-29.75	-2.32	-42.67	110.61
18246	-22.15	-5.08	-5.51	-39.54	20.54	-75.21	4.32	-82.04	58.20
18247	-21.29	-5.08	-5.51	-72.74	14.04	-120.03	5.96	-133.83	4.65
18248	-20.42	-5.08	-5.51	-80.18	5.91	-195.64	6.11	-180.02	-54.92
18249	-19.56	-5.09	-5.52	-62.90	-0.99	-286.59	10.17	-184.20	-113.26
18250	-23.24	-3.96	-5.50	-10.81	33.95	-33.28	-2.14	-40.82	112.14
18251	-22.38	-3.96	-5.50	-44.61	26.05	-85.78	5.07	-89.26	60.35
18252	-21.53	-3.96	-5.50	-84.09	17.78	-139.61	7.26	-154.81	7.27
18253	-20.67	-3.96	-5.51	-94.21	7.50	-233.58	7.39	-217.57	-52.66
18254	-19.82	-3.96	-5.51	-73.83	-2.58	-352.50	11.33	-232.17	-112.83
18255	-22.42	-7.26	-6.90	0.63	40.93	-56.67	-15.71	-57.83	116.21
18256	-21.53	-7.26	-6.90	-6.68	33.21	-86.73	-19.76	-84.12	63.39
18257	-20.64	-7.26	-6.90	-9.39	26.85	-113.02	-22.81	-100.39	10.49
18258	-19.75	-7.26	-6.90	-1.64	21.37	-142.06	-23.72	-101.96	-42.64
18259	-18.85	-7.27	-6.90	11.71	18.57	-163.31	-21.45	-83.48	-92.55
18260	-22.75	-6.17	-6.90	-0.89	50.92	-66.83	-16.33	-57.46	118.19
18261	-21.87	-6.18	-6.90	-11.06	42.71	-104.63	-21.02	-94.18	64.46
18262	-20.99	-6.18	-6.91	-16.20	35.85	-140.23	-24.72	-121.95	9.53
18263	-20.11	-6.18	-6.91	-8.33	29.66	-183.24	-26.11	-134.42	-46.75
18264	-19.24	-6.19	-6.91	8.20	25.96	-222.09	-23.53	-122.23	-100.25
18265	-23.02	-5.07	-6.90	-2.66	61.30	-76.87	-16.09	-56.98	120.16
18266	-22.15	-5.08	-6.90	-15.82	52.72	-122.52	-21.12	-104.34	66.37
18267	-21.29	-5.08	-6.91	-23.64	45.50	-167.66	-25.25	-143.99	10.52
18268	-20.42	-5.08	-6.91	-15.80	38.69	-225.03	-27.10	-167.95	-47.72
18269	-19.56	-5.08	-6.91	4.03	33.95	-282.08	-24.52	-162.66	-103.94
18270	-23.24	-3.96	-6.90	-4.48	71.97	-86.87	-14.96	-56.46	122.16
18271	-22.38	-3.96	-6.90	-20.86	63.07	-140.47	-19.96	-114.53	69.19
18272	-21.53	-3.96	-6.90	-31.55	55.60	-195.30	-24.24	-166.36	13.56
18273	-20.67	-3.96	-6.90	-23.93	48.19	-267.35	-26.53	-202.30	-45.41
18274	-19.82	-3.96	-6.90	-0.75	42.29	-343.15	-24.31	-204.42	-103.42
18275	-22.42	-7.26	-8.30	6.79	67.31	-98.26	-26.41	-61.80	120.13
18276	-21.53	-7.26	-8.30	11.76	58.81	-116.07	-36.87	-87.86	70.13
18277	-20.64	-7.26	-8.30	21.59	51.00	-135.51	-44.33	-97.53	19.70
18278	-19.75	-7.26	-8.30	37.07	44.33	-155.32	-48.18	-92.83	-30.03
18279	-18.86	-7.26	-8.30	53.59	39.78	-168.05	-48.20	-74.22	-76.77
18280	-22.75	-6.17	-8.30	4.95	79.66	-116.50	-26.36	-61.94	122.26
18281	-21.87	-6.18	-8.30	8.13	71.96	-140.61	-37.65	-98.40	71.45
18282	-20.99	-6.18	-8.30	17.14	64.95	-167.96	-45.91	-117.98	19.17
18283	-20.12	-6.18	-8.30	33.71	58.88	-198.17	-50.43	-121.75	-33.27
18284	-19.24	-6.18	-8.30	53.11	54.74	-222.90	-50.67	-108.23	-83.16
18285	-23.02	-5.07	-8.30	2.87	92.47	-134.68	-25.33	-61.96	124.45
18286	-22.15	-5.07	-8.30	4.23	85.74	-165.25	-37.16	-109.03	73.67
18287	-21.29	-5.08	-8.30	12.23	79.66	-200.76	-46.09	-138.84	20.50
18288	-20.42	-5.08	-8.30	29.78	74.31	-241.72	-51.28	-151.55	-33.73
18289	-19.56	-5.08	-8.30	52.13	70.58	-278.92	-51.92	-143.60	-86.07
18290	-23.24	-3.96	-8.30	0.82	105.56	-152.85	-23.24	-61.94	126.70
18291	-22.38	-3.96	-8.30	0.15	99.89	-190.04	-35.31	-119.70	76.80
18292	-21.53	-3.96	-8.30	7.03	94.87	-233.93	-44.73	-160.01	23.71
18293	-20.67	-3.96	-8.30	25.46	90.34	-285.90	-50.60	-182.02	-31.35
18294	-19.82	-3.96	-8.30	50.78	87.02	-335.93	-51.84	-180.02	-85.36
18295	17.50	-8.10	-2.70	219.99	-61.09	81.93	-24.01	-322.58	-74.66
18296	16.37	-8.10	-2.70	168.55	-26.95	112.69	-41.29	-271.27	-152.16
18297	15.24	-8.10	-2.70	133.02	-3.66	133.71	-49.24	-224.86	-188.73
18298	14.11	-8.10	-2.70	110.50	9.50	149.47	-46.83	-183.17	-209.97
18299	12.98	-8.10	-2.70	97.68	18.76	158.91	-39.11	-147.23	-228.11
18300	11.85	-8.10	-2.70	91.60	25.47	162.78	-30.00	-117.88	-246.51
18301	10.73	-8.10	-2.70	89.49	30.04	163.02	-21.29	-95.10	-265.58
18302	9.60	-8.10	-2.70	89.20	32.81	161.59	-13.71	-78.10	-284.80
18303	8.47	-8.10	-2.70	89.39	34.17	159.94	-7.55	-65.88	-303.50
18304	7.34	-8.10	-2.70	89.22	34.51	158.91	-2.91	-57.36	-321.11
18305	6.21	-8.10	-2.70	88.23	34.17	158.92	0.23	-51.53	-337.05
18306	5.08	-8.10	-2.70	86.18	33.43	160.06	1.99	-47.56	-350.80
18307	3.95	-8.10	-2.70	83.01	32.56	162.17	2.55	-44.78	-361.90
18308	2.82	-8.10	-2.70	78.76	31.78	164.95	2.14	-42.68	-370.01
18309	1.69	-8.10	-2.70	73.53	31.25	168.02	1.02	-40.92	-374.85
18310	0.56	-8.10	-2.70	67.44	31.11	170.97	-0.51	-39.30	-376.28
18311	17.23	-8.70	-2.70	221.37	-35.14	134.99	-84.96	-369.19	-130.97
18312	16.11	-8.70	-2.70	178.16	2.02	182.64	-75.29	-298.55	-177.09
18313	15.00	-8.70	-2.70	145.71	14.72	202.86	-70.50	-245.55	-195.90
18314	13.89	-8.70	-2.70	122.55	23.45	215.86	-60.53	-203.26	-208.00
18315	12.78	-8.70	-2.70	107.86	30.55	223.75	-48.97	-167.62	-221.14

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]
18316	11.67	-8.70	-2.70	99.88	36.08	227.12	-37.86	-138.61	-236.15
18317	10.56	-8.70	-2.70	95.80	39.77	227.59	-27.94	-115.52	-252.64
18318	9.45	-8.70	-2.70	93.67	41.90	226.82	-19.63	-97.70	-269.52
18319	8.34	-8.70	-2.70	92.22	42.80	226.01	-12.96	-84.26	-286.10
18320	7.22	-8.70	-2.70	90.62	42.81	225.85	-7.91	-74.14	-301.80
18321	6.11	-8.70	-2.70	88.41	42.24	226.66	-4.36	-66.40	-315.99
18322	5.00	-8.70	-2.70	85.37	41.37	228.44	-2.15	-60.27	-328.20
18323	3.89	-8.70	-2.70	81.45	40.43	230.99	-1.08	-55.13	-337.99
18324	2.78	-8.70	-2.70	76.68	39.63	234.00	-0.92	-50.55	-345.06
18325	1.67	-8.70	-2.70	71.17	39.14	237.06	-1.42	-46.24	-349.16
18326	0.56	-8.70	-2.70	65.04	39.05	239.79	-2.31	-42.09	-350.21
18327	17.50	-8.10	-4.10	168.58	-49.73	46.45	15.33	-225.73	-119.15
18328	16.37	-8.10	-4.10	151.97	-22.02	75.41	10.39	-191.45	-174.38
18329	15.24	-8.10	-4.10	134.18	-1.04	90.28	3.32	-162.37	-210.58
18330	14.11	-8.10	-4.10	120.00	13.68	99.57	0.60	-136.55	-234.31
18331	12.98	-8.10	-4.10	110.24	23.87	105.42	1.71	-113.49	-253.36
18332	11.85	-8.10	-4.10	104.45	31.19	108.37	4.73	-93.50	-271.22
18333	10.73	-8.10	-4.10	101.63	36.38	109.06	8.26	-76.78	-288.89
18334	9.60	-8.10	-4.10	100.63	39.85	108.40	11.51	-63.36	-306.26
18335	8.47	-8.10	-4.10	100.47	41.97	107.25	14.08	-53.05	-322.96
18336	7.34	-8.10	-4.10	100.41	43.10	106.26	15.79	-45.39	-338.56
18337	6.21	-8.10	-4.10	99.93	43.53	105.86	16.55	-39.83	-352.62
18338	5.08	-8.10	-4.10	98.72	43.51	106.21	16.38	-35.84	-364.71
18339	3.95	-8.10	-4.10	96.62	43.24	107.33	15.39	-32.96	-374.46
18340	2.82	-8.10	-4.10	93.54	42.91	109.08	13.72	-30.82	-381.57
18341	1.69	-8.10	-4.10	89.48	42.64	111.27	11.56	-29.12	-385.81
18342	0.56	-8.10	-4.10	84.46	42.52	113.64	9.11	-27.65	-387.05
18343	17.23	-8.70	-4.10	171.93	-37.90	96.17	-2.00	-250.27	-136.17
18344	16.11	-8.70	-4.10	156.18	-14.44	136.47	-4.96	-211.22	-184.83
18345	15.00	-8.70	-4.10	140.38	5.96	152.65	-8.66	-179.61	-213.37
18346	13.89	-8.70	-4.10	126.72	19.61	160.41	-8.77	-153.43	-231.82
18347	12.78	-8.70	-4.10	116.33	29.28	165.08	-5.88	-130.73	-246.95
18348	11.67	-8.70	-4.10	109.44	36.26	167.49	-1.76	-111.10	-261.91
18349	10.56	-8.70	-4.10	105.32	41.18	168.13	2.50	-94.16	-277.27
18350	9.45	-8.70	-4.10	102.97	44.42	167.75	6.23	-80.11	-292.50
18351	8.34	-8.70	-4.10	101.50	46.32	167.08	9.21	-68.83	-307.25
18352	7.22	-8.70	-4.10	100.24	47.29	166.63	11.26	-59.86	-321.12
18353	6.11	-8.70	-4.10	98.71	47.60	166.74	12.37	-52.70	-333.62
18354	5.00	-8.70	-4.10	96.64	47.51	167.52	12.59	-46.88	-344.36
18355	3.89	-8.70	-4.10	93.85	47.21	168.93	12.02	-42.00	-352.97
18356	2.78	-8.70	-4.10	90.29	46.87	170.82	10.82	-37.73	-359.18
18357	1.67	-8.70	-4.10	85.95	46.63	172.96	9.15	-33.83	-362.78
18358	0.56	-8.70	-4.10	80.87	46.57	175.13	7.21	-30.18	-363.68
18359	17.50	-8.10	-5.50	124.38	-27.53	1.28	68.37	-186.52	-125.60
18360	16.37	-8.10	-5.50	118.70	-11.68	30.93	64.98	-157.67	-167.91
18361	15.24	-8.10	-5.50	113.85	3.64	47.36	58.48	-132.27	-203.55
18362	14.11	-8.10	-5.50	109.74	16.40	55.72	52.41	-110.69	-231.64
18363	12.98	-8.10	-5.50	106.91	26.26	59.82	48.17	-92.24	-254.53
18364	11.85	-8.10	-5.50	105.56	33.58	61.41	45.58	-76.51	-274.63
18365	10.73	-8.10	-5.50	105.50	38.93	61.37	43.95	-63.14	-293.24
18366	9.60	-8.10	-5.50	106.35	42.69	60.36	42.62	-52.01	-310.65
18367	8.47	-8.10	-5.50	107.63	45.15	58.96	41.22	-43.06	-326.82
18368	7.34	-8.10	-5.50	108.88	46.65	57.64	39.51	-36.05	-341.59
18369	6.21	-8.10	-5.50	109.73	47.45	56.74	37.33	-30.66	-354.70
18370	5.08	-8.10	-5.50	109.91	47.77	56.47	34.65	-26.57	-365.86
18371	3.95	-8.10	-5.50	109.24	47.78	56.87	31.47	-23.44	-374.80
18372	2.82	-8.10	-5.50	107.62	47.63	57.91	27.88	-20.99	-381.30
18373	1.69	-8.10	-5.50	105.01	47.42	59.49	23.99	-18.99	-385.19
18374	0.56	-8.10	-5.50	101.37	47.24	61.46	19.95	-17.24	-386.38
18375	17.23	-8.70	-5.50	124.60	-27.17	45.17	58.73	-206.92	-129.61
18376	16.11	-8.70	-5.50	119.07	-12.39	81.28	56.40	-177.11	-168.51
18377	15.00	-8.70	-5.50	114.83	2.38	100.96	50.77	-150.16	-201.04
18378	13.89	-8.70	-5.50	111.35	15.12	110.03	45.59	-127.42	-226.47
18379	12.78	-8.70	-5.50	108.61	25.08	113.96	42.06	-108.45	-246.85
18380	11.67	-8.70	-5.50	106.76	32.46	115.34	40.04	-92.56	-264.81
18381	10.56	-8.70	-5.50	105.97	37.93	115.26	38.83	-78.70	-281.64
18382	9.45	-8.70	-5.50	105.89	41.76	114.36	37.82	-66.82	-297.29
18383	8.34	-8.70	-5.50	106.19	44.23	113.19	36.72	-56.93	-311.82
18384	7.22	-8.70	-5.50	106.48	45.74	112.15	35.29	-48.73	-325.11
18385	6.11	-8.70	-5.50	106.46	46.55	111.54	33.42	-41.92	-336.90
18386	5.00	-8.70	-5.50	105.89	46.87	111.50	31.06	-36.22	-346.91
18387	3.89	-8.70	-5.50	104.63	46.90	112.05	28.24	-31.35	-354.90
18388	2.78	-8.70	-5.50	102.58	46.78	113.14	25.03	-27.05	-360.64
18389	1.67	-8.70	-5.50	99.71	46.61	114.65	21.56	-23.14	-363.99
18390	0.56	-8.70	-5.50	96.00	46.49	116.41	17.94	-19.49	-364.91
18391	17.50	-8.10	-6.90	93.90	11.79	-45.08	116.25	-162.45	-116.24
18392	16.37	-8.10	-6.90	94.22	16.11	-18.23	112.94	-138.65	-150.36
18393	15.24	-8.10	-6.90	95.22	22.21	-1.05	107.22	-116.82	-182.69
18394	14.11	-8.10	-6.90	96.95	28.63	8.74	100.44	-97.52	-211.51
18395	12.98	-8.10	-6.90	99.28	34.41	13.55	93.71	-80.90	-236.69
18396	11.85	-8.10	-6.90	102.15	39.05	15.26	87.59	-66.85	-258.96
18397	10.73	-8.10	-6.90	105.44	42.56	15.12	82.08	-54.92	-279.08
18398	9.60	-8.10	-6.90	108.95	45.05	13.97	76.91	-44.83	-297.34
18399	8.47	-8.10	-6.90	112.45	46.62	12.38	71.87	-36.48	-313.83
18400	7.34	-8.10	-6.90	115.65	47.48	10.82	66.79	-29.68	-328.53
18401	6.21	-8.10	-6.90	118.32	47.81	9.60	61.52	-24.20	-341.34
18402	5.08	-8.10	-6.90	120.27	47.78	8.92	56.00	-19.80	-352.10
18403	3.95	-8.10	-6.90	121.35	47.51	8.87	50.22	-16.23	-360.65
18404	2.82	-8.10	-6.90	121.47	47.12	9.47	44.21	-13.28	-366.85
18405	1.69	-8.10	-6.90	120.58	46.70	10.65	38.05	-10.74	-370.59
18406	0.56	-8.10	-6.90	118.63	46.30	12.32	31.85	-8.43	-371.82
18407	17.23	-8.70	-6.90	94.21	6.61	-6.05	106.52	-179.86	-117.04
18408	16.11	-8.70	-6.90	93.92	10.06	24.35	104.35	-156.34	-147.90
18409	15.00	-8.70	-6.90	94.28	15.69	44.30	99.59	-134.23	-177.46
18410	13.89	-8.70	-6.90	95.80	21.88	55.74	93.59	-114.07	-204.26
18411	12.78	-8.70	-6.90	97.87	27.71	61.30	87.47	-96.62	-227.52
18412	11.67	-8.70	-6.90	100.23	32.37	63.34	81.87	-82.02	-248.12
18413	10.56	-8.70	-6.90	102.92	36.00	63.42	76.78	-69.31	-266.86
18414	9.45	-8.70	-6.90	105.66	38.63	62.44	71.94	-58.30	-283.71

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]
18415	8.34	-8.70	-6.90	108.32	40.26	61.02	67.23	-48.94	-298.86
18416	7.22	-8.70	-6.90	110.70	41.19	59.64	62.45	-40.97	-312.36
18417	6.11	-8.70	-6.90	112.60	41.57	58.58	57.50	-34.17	-324.10
18418	5.00	-8.70	-6.90	113.88	41.58	58.02	52.31	-28.31	-333.93
18419	3.89	-8.70	-6.90	114.41	41.36	58.04	46.89	-23.19	-341.70
18420	2.78	-8.70	-6.90	114.12	41.01	58.62	41.26	-18.60	-347.29
18421	1.67	-8.70	-6.90	112.98	40.62	59.70	35.49	-14.38	-350.60
18422	0.56	-8.70	-6.90	110.95	40.28	61.20	29.69	-10.41	-351.62
18423	17.50	-8.10	-8.30	70.77	58.16	-85.75	163.00	-143.00	-97.20
18424	16.37	-8.10	-8.30	75.68	53.03	-63.88	159.02	-123.26	-125.64
18425	15.24	-8.10	-8.30	80.75	50.42	-48.69	153.19	-104.87	-153.92
18426	14.11	-8.10	-8.30	86.14	49.36	-39.02	145.98	-88.23	-180.83
18427	12.98	-8.10	-8.30	91.91	49.07	-33.67	137.95	-73.53	-205.70
18428	11.85	-8.10	-8.30	97.98	48.88	-31.45	129.67	-60.84	-228.43
18429	10.73	-8.10	-8.30	104.18	48.56	-31.26	121.44	-49.89	-249.17
18430	9.60	-8.10	-8.30	110.31	48.02	-32.23	113.25	-40.42	-267.90
18431	8.47	-8.10	-8.30	116.16	47.17	-33.73	105.08	-32.36	-284.61
18432	7.34	-8.10	-8.30	121.52	46.09	-35.27	96.86	-25.56	-299.31
18433	6.21	-8.10	-8.30	126.21	44.88	-36.53	88.51	-19.87	-311.96
18434	5.08	-8.10	-8.30	130.12	43.62	-37.33	79.99	-15.10	-322.46
18435	3.95	-8.10	-8.30	133.15	42.39	-37.55	71.30	-11.06	-330.75
18436	2.82	-8.10	-8.30	135.21	41.24	-37.17	62.46	-7.57	-336.76
18437	1.69	-8.10	-8.30	136.27	40.23	-36.21	53.56	-4.45	-340.43
18438	0.56	-8.10	-8.30	136.29	39.41	-34.72	44.67	-1.51	-341.75
18439	17.23	-8.70	-8.30	71.39	47.86	-50.69	151.76	-158.27	-97.24
18440	16.11	-8.70	-8.30	75.13	42.37	-26.80	148.86	-138.93	-122.56
18441	15.00	-8.70	-8.30	78.97	39.45	-9.76	143.92	-120.72	-148.06
18442	13.89	-8.70	-8.30	83.57	38.05	1.36	137.56	-103.66	-172.90
18443	12.78	-8.70	-8.30	88.53	37.61	7.67	130.32	-88.25	-195.95
18444	11.67	-8.70	-8.30	93.71	37.27	10.49	122.69	-74.97	-217.13
18445	10.56	-8.70	-8.30	99.15	36.92	11.11	115.03	-63.13	-236.64
18446	9.45	-8.70	-8.30	104.39	36.41	10.43	107.33	-52.65	-254.17
18447	8.34	-8.70	-8.30	109.35	35.55	9.14	99.62	-43.55	-269.76
18448	7.22	-8.70	-8.30	113.85	34.50	7.77	91.83	-35.61	-283.48
18449	6.11	-8.70	-8.30	117.77	33.30	6.63	83.90	-28.68	-295.25
18450	5.00	-8.70	-8.30	121.01	32.05	5.91	75.81	-22.59	-305.01
18451	3.89	-8.70	-8.30	123.47	30.82	5.71	67.56	-17.15	-312.69
18452	2.78	-8.70	-8.30	125.12	29.69	6.06	59.18	-12.20	-318.23
18453	1.67	-8.70	-8.30	125.91	28.69	6.93	50.73	-7.60	-321.56
18454	0.56	-8.70	-8.30	125.83	27.91	8.26	42.30	-3.22	-322.73
18455	22.14	-8.10	-2.70	322.50	-489.50	-738.33	-34.92	-1098.36	409.54
18456	21.23	-8.10	-2.70	250.75	-493.52	-453.23	-0.58	-637.98	221.45
18457	20.33	-8.10	-2.70	245.87	-311.75	-277.06	6.90	-490.46	164.73
18458	19.42	-8.10	-2.70	257.83	-197.53	-167.43	-6.93	-415.75	94.70
18459	18.52	-8.10	-2.70	271.07	-109.47	-25.52	-14.78	-391.96	31.31
18460	21.91	-8.70	-2.70	-9.38	-649.00	-1173.45	-199.47	-1238.48	-168.50
18461	20.99	-8.70	-2.70	139.39	-506.16	-727.67	-214.81	-695.35	21.88
18462	20.07	-8.70	-2.70	179.88	-307.50	-465.64	-194.10	-550.75	24.20
18463	19.16	-8.70	-2.70	216.37	-189.15	-261.84	-184.43	-474.49	14.26
18464	18.24	-8.70	-2.70	253.96	-93.74	-32.40	-141.33	-452.47	-33.40
18465	22.14	-8.10	-4.10	274.03	-208.29	-644.29	-45.16	-1033.73	362.88
18466	21.23	-8.10	-4.10	160.31	-261.91	-449.32	-48.61	-555.09	50.29
18467	20.33	-8.10	-4.10	173.81	-196.23	-277.27	-31.59	-391.44	43.56
18468	19.42	-8.10	-4.10	192.80	-140.21	-150.41	-21.63	-314.26	12.84
18469	18.52	-8.10	-4.10	187.51	-89.91	-30.79	1.04	-270.35	-43.01
18470	21.91	-8.70	-4.10	149.43	-163.52	-779.36	27.27	-1080.03	-236.26
18471	20.99	-8.70	-4.10	125.70	-186.51	-494.52	-41.55	-564.57	-28.68
18472	20.07	-8.70	-4.10	155.48	-145.90	-296.91	-44.38	-397.72	-16.42
18473	19.16	-8.70	-4.10	184.74	-107.18	-151.21	-35.73	-325.54	-18.60
18474	18.24	-8.70	-4.10	189.14	-72.19	-6.30	-12.20	-291.22	-65.93
18475	22.14	-8.10	-5.50	255.79	-15.66	-555.56	-12.23	-1015.37	271.09
18476	21.23	-8.10	-5.50	164.69	-56.71	-417.72	29.11	-535.12	-24.70
18477	20.33	-8.10	-5.50	146.83	-60.84	-278.46	45.06	-371.10	-9.73
18478	19.42	-8.10	-5.50	138.53	-55.46	-157.39	54.45	-278.89	-31.07
18479	18.52	-8.10	-5.50	131.92	-43.45	-59.85	65.10	-224.41	-73.81
18480	21.91	-8.70	-5.50	236.12	3.97	-572.94	50.62	-1025.16	-295.44
18481	20.99	-8.70	-5.50	151.58	-53.42	-419.80	24.36	-527.39	-87.87
18482	20.07	-8.70	-5.50	134.88	-54.23	-265.03	32.48	-370.89	-58.32
18483	19.16	-8.70	-5.50	135.21	-50.33	-135.56	40.49	-288.47	-51.66
18484	18.24	-8.70	-5.50	132.30	-40.38	-26.86	52.74	-242.26	-84.04
18485	22.14	-8.10	-6.90	238.37	137.05	-528.67	16.82	-987.57	191.56
18486	21.23	-8.10	-6.90	188.57	84.16	-419.47	109.43	-492.78	-67.36
18487	20.33	-8.10	-6.90	129.40	33.59	-297.95	113.33	-321.27	-28.13
18488	19.42	-8.10	-6.90	101.20	17.05	-178.93	114.50	-241.67	-43.83
18489	18.52	-8.10	-6.90	95.04	10.65	-95.29	116.56	-194.24	-76.98
18490	21.91	-8.70	-6.90	316.46	159.25	-502.32	98.33	-994.92	-333.38
18491	20.99	-8.70	-6.90	180.77	67.60	-409.30	102.82	-472.11	-104.03
18492	20.07	-8.70	-6.90	121.69	32.66	-270.37	103.74	-323.56	-63.25
18493	19.16	-8.70	-6.90	99.62	14.20	-149.86	102.31	-251.94	-56.94
18494	18.24	-8.70	-6.90	95.63	6.68	-61.31	105.77	-209.47	-82.89
18495	22.14	-8.10	-8.30	333.35	304.58	-608.55	198.74	-929.48	70.96
18496	21.23	-8.10	-8.30	176.36	219.98	-473.88	196.18	-373.05	-66.50
18497	20.33	-8.10	-8.30	87.03	124.25	-304.83	172.67	-248.35	-19.19
18498	19.42	-8.10	-8.30	65.23	91.03	-193.69	167.80	-203.11	-36.34
18499	18.52	-8.10	-8.30	65.80	69.15	-125.55	165.58	-168.55	-64.79
18500	21.91	-8.70	-8.30	422.96	361.91	-577.16	215.85	-899.28	-366.23
18501	20.99	-8.70	-8.30	172.81	183.70	-439.67	174.06	-360.86	-88.12
18502	20.07	-8.70	-8.30	87.59	115.31	-272.13	159.13	-257.26	-49.06
18503	19.16	-8.70	-8.30	67.53	81.09	-163.56	153.11	-214.36	-47.54
18504	18.24	-8.70	-8.30	67.83	59.29	-93.15	153.15	-182.45	-69.72
18505	-0.56	-8.10	-2.70	60.59	31.42	173.46	-2.19	-37.69	-374.17
18506	-1.69	-8.10	-2.70	53.04	32.19	175.18	-3.70	-36.20	-368.53
18507	-2.82	-8.10	-2.70	44.79	33.38	175.89	-4.79	-34.89	-359.49
18508	-3.95	-8.10	-2.70	35.82	34.92	175.42	-5.20	-33.80	-347.25
18509	-5.08	-8.10	-2.70	26.06	36.67	173.66	-4.74	-32.99	-332.05
18510	-6.21	-8.10	-2.70	15.41	38.46	170.49	-3.24	-32.45	-314.20
18511	-7.34	-8.10	-2.70	3.78	40.11	165.72	-0.58	-32.11	-294.01
18512	-8.47	-8.10	-2.70	-8.92	41.43	159.05	3.32	-31.88	-271.83
18513	-9.60	-8.10	-2.70	-22.77	42.20	150.04	8.48	-31.62	-247.94

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]
18514	-10.73	-8.10	-2.70	-37.86	42.25	138.00	14.88	-31.28	-222.57
18515	-11.85	-8.10	-2.70	-54.35	41.33	121.98	22.47	-30.94	-195.96
18516	-12.98	-8.10	-2.70	-72.62	39.31	100.61	31.26	-30.67	-168.14
18517	-14.11	-8.10	-2.70	-93.55	36.13	71.87	41.27	-30.89	-138.75
18518	-15.24	-8.10	-2.70	-119.01	31.85	32.59	52.78	-32.52	-106.95
18519	-16.37	-8.10	-2.70	-153.20	26.83	-26.37	67.40	-36.56	-70.58
18520	-17.50	-8.10	-2.70	-210.98	27.21	-102.51	91.69	-57.37	-33.16
18521	-0.56	-8.70	-2.70	58.39	39.45	241.84	-3.33	-37.89	-348.04
18522	-1.67	-8.70	-2.70	51.22	40.34	242.91	-4.20	-33.91	-342.60
18523	-2.78	-8.70	-2.70	43.57	41.70	242.81	-4.72	-30.22	-334.09
18524	-3.89	-8.70	-2.70	35.41	43.45	241.39	-4.65	-26.90	-322.65
18525	-5.00	-8.70	-2.70	26.64	45.46	238.57	-3.81	-24.01	-308.50
18526	-6.11	-8.70	-2.70	17.17	47.59	234.29	-2.03	-21.58	-291.86
18527	-7.22	-8.70	-2.70	6.89	49.66	228.40	0.79	-19.56	-273.02
18528	-8.34	-8.70	-2.70	-4.31	51.51	220.68	4.74	-17.88	-252.24
18529	-9.45	-8.70	-2.70	-16.51	52.93	210.77	9.86	-16.40	-229.81
18530	-10.56	-8.70	-2.70	-29.78	53.85	198.09	16.17	-14.99	-205.80
18531	-11.67	-8.70	-2.70	-44.27	53.97	181.84	23.62	-13.89	-180.38
18532	-12.78	-8.70	-2.70	-60.32	53.23	160.83	32.31	-13.17	-153.86
18533	-13.89	-8.70	-2.70	-78.58	51.70	133.33	42.37	-12.72	-125.43
18534	-15.00	-8.70	-2.70	-101.09	49.75	96.61	54.01	-14.10	-94.61
18535	-16.11	-8.70	-2.70	-131.12	48.06	43.31	68.80	-17.27	-59.23
18536	-17.23	-8.70	-2.70	-182.11	52.99	-30.88	93.33	-31.46	-20.84
18537	-0.56	-8.10	-4.10	78.51	42.62	115.96	6.59	-26.26	-385.18
18538	-1.69	-8.10	-4.10	71.65	42.91	117.97	4.22	-24.97	-380.21
18539	-2.82	-8.10	-4.10	63.88	43.38	119.45	2.21	-23.77	-372.23
18540	-3.95	-8.10	-4.10	55.20	43.97	120.18	0.75	-22.64	-361.43
18541	-5.08	-8.10	-4.10	45.58	44.57	119.97	-0.01	-21.57	-348.00
18542	-6.21	-8.10	-4.10	35.01	45.06	118.56	0.07	-20.54	-332.20
18543	-7.34	-8.10	-4.10	23.46	45.27	115.66	1.06	-19.50	-314.31
18544	-8.47	-8.10	-4.10	10.95	45.05	110.84	3.01	-18.39	-294.62
18545	-9.60	-8.10	-4.10	-2.50	44.23	103.57	5.94	-17.11	-273.41
18546	-10.73	-8.10	-4.10	-16.84	42.65	93.11	9.80	-15.61	-250.88
18547	-11.85	-8.10	-4.10	-31.96	40.12	78.50	14.55	-13.94	-227.28
18548	-12.98	-8.10	-4.10	-47.79	36.51	58.46	20.19	-12.05	-202.78
18549	-14.11	-8.10	-4.10	-64.10	31.83	31.21	26.81	-10.17	-177.31
18550	-15.24	-8.10	-4.10	-80.19	26.39	-5.96	34.79	-9.27	-151.12
18551	-16.37	-8.10	-4.10	-93.62	21.29	-54.10	45.12	-13.69	-125.81
18552	-17.50	-8.10	-4.10	-101.51	18.75	-98.10	57.02	-34.11	-106.58
18553	-0.56	-8.70	-4.10	75.09	46.75	177.07	5.20	-26.53	-361.76
18554	-1.67	-8.70	-4.10	68.54	47.16	178.56	3.33	-23.08	-356.94
18555	-2.78	-8.70	-4.10	61.28	47.79	179.38	1.76	-19.82	-349.40
18556	-3.89	-8.70	-4.10	53.30	48.57	179.35	0.66	-16.76	-339.27
18557	-5.00	-8.70	-4.10	44.55	49.42	178.31	0.19	-13.90	-326.72
18558	-6.11	-8.70	-4.10	35.00	50.20	176.05	0.47	-11.26	-311.96
18559	-7.22	-8.70	-4.10	24.61	50.78	172.31	1.57	-8.81	-295.23
18560	-8.34	-8.70	-4.10	13.35	51.00	166.75	3.55	-6.48	-276.78
18561	-9.45	-8.70	-4.10	1.24	50.70	158.90	6.42	-4.21	-256.89
18562	-10.56	-8.70	-4.10	-11.71	49.76	148.13	10.16	-1.84	-235.62
18563	-11.67	-8.70	-4.10	-25.42	47.91	133.57	14.71	0.40	-213.15
18564	-12.78	-8.70	-4.10	-39.88	45.11	114.08	20.15	2.55	-189.93
18565	-13.89	-8.70	-4.10	-55.00	41.22	88.04	26.47	5.00	-165.39
18566	-15.00	-8.70	-4.10	-70.40	36.66	52.83	34.06	6.28	-139.96
18567	-16.11	-8.70	-4.10	-83.96	32.18	6.22	43.73	4.11	-114.97
18568	-17.23	-8.70	-4.10	-92.70	29.40	-41.40	55.34	-10.71	-94.93
18569	-0.56	-8.10	-5.50	96.70	47.11	63.63	15.89	-15.56	-384.77
18570	-1.69	-8.10	-5.50	91.01	47.03	65.80	12.00	-13.95	-380.36
18571	-2.82	-8.10	-5.50	84.29	46.97	67.77	8.43	-12.36	-373.26
18572	-3.95	-8.10	-5.50	76.56	46.89	69.30	5.30	-10.74	-363.60
18573	-5.08	-8.10	-5.50	67.86	46.69	70.15	2.74	-9.08	-351.55
18574	-6.21	-8.10	-5.50	58.20	46.27	70.00	0.84	-7.34	-337.32
18575	-7.34	-8.10	-5.50	47.66	45.50	68.47	-0.36	-5.53	-321.14
18576	-8.47	-8.10	-5.50	36.35	44.23	65.08	-0.83	-3.62	-303.24
18577	-9.60	-8.10	-5.50	24.44	42.33	59.21	-0.59	-1.59	-283.84
18578	-10.73	-8.10	-5.50	12.24	39.63	50.10	0.31	0.50	-263.09
18579	-11.85	-8.10	-5.50	0.16	36.03	36.81	1.85	2.47	-241.21
18580	-12.98	-8.10	-5.50	-11.16	31.47	18.23	3.97	4.06	-218.35
18581	-14.11	-8.10	-5.50	-20.68	26.05	-6.81	6.72	4.40	-194.61
18582	-15.24	-8.10	-5.50	-26.98	20.29	-38.55	10.13	1.14	-170.57
18583	-16.37	-8.10	-5.50	-29.19	14.65	-73.14	13.45	-9.63	-146.93
18584	-17.50	-8.10	-5.50	-30.17	9.09	-101.06	14.64	-30.41	-122.76
18585	-0.56	-8.70	-5.50	91.46	46.45	118.27	14.30	-15.84	-363.24
18586	-1.67	-8.70	-5.50	86.01	46.46	120.02	10.82	-12.35	-358.96
18587	-2.78	-8.70	-5.50	79.72	46.53	121.47	7.59	-8.97	-352.21
18588	-3.89	-8.70	-5.50	72.59	46.60	122.42	4.76	-5.67	-343.10
18589	-5.00	-8.70	-5.50	64.62	46.59	122.64	2.43	-2.45	-331.78
18590	-6.11	-8.70	-5.50	55.82	46.39	121.87	0.68	0.70	-318.41
18591	-7.22	-8.70	-5.50	46.23	45.87	119.76	-0.44	3.76	-303.20
18592	-8.34	-8.70	-5.50	35.93	44.90	115.89	-0.90	6.77	-286.34
18593	-9.45	-8.70	-5.50	25.06	43.34	109.71	-0.71	9.73	-268.04
18594	-10.56	-8.70	-5.50	13.81	41.01	100.50	0.06	12.72	-248.33
18595	-11.67	-8.70	-5.50	2.60	37.75	87.40	1.40	15.39	-227.34
18596	-12.78	-8.70	-5.50	-8.06	33.58	69.34	3.34	17.56	-205.49
18597	-13.89	-8.70	-5.50	-17.38	28.34	45.05	5.79	19.05	-182.30
18598	-15.00	-8.70	-5.50	-23.86	22.75	13.82	9.04	17.05	-158.63
18599	-16.11	-8.70	-5.50	-26.44	17.15	-21.84	12.46	8.93	-135.43
18600	-17.23	-8.70	-5.50	-27.22	11.44	-54.36	14.41	-8.22	-111.60
18601	-0.56	-8.10	-6.90	115.61	45.93	14.36	25.68	-6.17	-370.49
18602	-1.69	-8.10	-6.90	111.52	45.57	16.60	19.69	-3.94	-366.58
18603	-2.82	-8.10	-6.90	106.37	45.21	18.83	14.01	-1.69	-360.19
18604	-3.95	-8.10	-6.90	100.19	44.82	20.86	8.71	0.64	-351.44
18605	-5.08	-8.10	-6.90	93.04	44.31	22.39	3.90	3.06	-340.46
18606	-6.21	-8.10	-6.90	84.99	43.59	23.12	-0.37	5.55	-327.42
18607	-7.34	-8.10	-6.90	76.18	42.56	22.62	-4.05	8.07	-312.48
18608	-8.47	-8.10	-6.90	66.78	41.10	20.38	-7.15	10.55	-295.84
18609	-9.60	-8.10	-6.90	57.09	39.11	15.78	-9.68	12.87	-277.65
18610	-10.73	-8.10	-6.90	47.54	36.46	8.06	-11.67	14.79	-258.02
18611	-11.85	-8.10	-6.90	38.71	33.18	-3.56	-13.11	15.86	-237.15
18612	-12.98	-8.10	-6.90	31.31	29.31	-19.81	-14.07	15.48	-215.19

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]
18613	-14.11	-8.10	-6.90	26.15	25.04	-40.87	-14.56	12.42	-192.28
18614	-15.24	-8.10	-6.90	23.50	20.90	-65.46	-14.75	4.77	-168.77
18615	-16.37	-8.10	-6.90	22.43	17.20	-90.09	-15.32	-8.78	-144.44
18616	-17.50	-8.10	-6.90	20.70	14.58	-109.44	-16.56	-28.16	-118.63
18617	-0.56	-8.70	-6.90	108.04	39.99	62.98	23.92	-6.41	-350.25
18618	-1.67	-8.70	-6.90	104.13	39.70	64.87	18.31	-2.53	-346.43
18619	-2.78	-8.70	-6.90	99.33	39.45	66.71	12.95	1.28	-340.32
18620	-3.89	-8.70	-6.90	93.65	39.18	68.29	7.94	5.09	-332.01
18621	-5.00	-8.70	-6.90	87.13	38.81	69.37	3.35	8.89	-321.61
18622	-6.11	-8.70	-6.90	79.82	38.26	69.64	-0.75	12.64	-309.26
18623	-7.22	-8.70	-6.90	71.82	37.42	68.73	-4.33	16.32	-295.10
18624	-8.34	-8.70	-6.90	63.27	36.18	66.17	-7.37	19.84	-279.29
18625	-9.45	-8.70	-6.90	54.41	34.44	61.37	-9.88	23.12	-261.99
18626	-10.56	-8.70	-6.90	45.59	32.04	53.61	-11.92	26.05	-243.20
18627	-11.67	-8.70	-6.90	37.36	29.00	42.11	-13.43	28.04	-223.02
18628	-12.78	-8.70	-6.90	30.40	25.43	26.12	-14.40	28.58	-201.90
18629	-13.89	-8.70	-6.90	25.30	21.28	5.16	-14.93	27.06	-179.45
18630	-15.00	-8.70	-6.90	22.71	17.38	-19.90	-14.89	20.77	-156.52
18631	-16.11	-8.70	-6.90	21.87	13.86	-46.27	-15.03	9.27	-133.24
18632	-17.23	-8.70	-6.90	20.77	11.33	-69.33	-15.55	-7.92	-108.58
18633	-0.56	-8.10	-8.30	135.25	38.77	-32.81	35.86	1.39	-340.68
18634	-1.69	-8.10	-8.30	133.15	38.25	-30.59	27.25	4.30	-337.23
18635	-2.82	-8.10	-8.30	130.00	37.87	-28.25	18.95	7.27	-331.49
18636	-3.95	-8.10	-8.30	125.87	37.59	-25.96	11.04	10.32	-323.54
18637	-5.08	-8.10	-8.30	120.81	37.34	-23.99	3.59	13.46	-313.51
18638	-6.21	-8.10	-8.30	114.92	37.06	-22.63	-3.34	16.62	-301.50
18639	-7.34	-8.10	-8.30	108.32	36.64	-22.27	-9.72	19.67	-287.66
18640	-8.47	-8.10	-8.30	101.23	36.03	-23.40	-15.53	22.44	-272.12
18641	-9.60	-8.10	-8.30	93.93	35.12	-26.57	-20.80	24.65	-255.03
18642	-10.73	-8.10	-8.30	86.85	33.84	-32.43	-25.53	25.87	-236.48
18643	-11.85	-8.10	-8.30	80.48	32.27	-41.57	-29.68	25.44	-216.71
18644	-12.98	-8.10	-8.30	75.30	30.49	-54.33	-33.32	22.71	-195.89
18645	-14.11	-8.10	-8.30	71.61	28.65	-70.39	-36.41	16.72	-174.14
18646	-15.24	-8.10	-8.30	69.02	27.22	-88.32	-38.99	6.55	-151.63
18647	-16.37	-8.10	-8.30	66.50	26.48	-105.56	-41.32	-7.78	-128.06
18648	-17.50	-8.10	-8.30	62.55	26.77	-118.95	-43.42	-25.65	-102.90
18649	-0.56	-8.70	-8.30	124.86	27.33	9.97	33.94	1.21	-321.64
18650	-1.67	-8.70	-8.30	122.89	26.87	11.92	25.77	5.56	-318.26
18651	-2.78	-8.70	-8.30	120.05	26.58	13.96	17.85	9.89	-312.73
18652	-3.89	-8.70	-8.30	116.36	26.41	15.91	10.28	14.24	-305.13
18653	-5.00	-8.70	-8.30	111.86	26.30	17.55	3.12	18.59	-295.55
18654	-6.11	-8.70	-8.30	106.64	26.17	18.57	-3.57	22.88	-284.09
18655	-7.22	-8.70	-8.30	100.79	25.95	18.61	-9.76	27.00	-270.87
18656	-8.34	-8.70	-8.30	94.49	25.55	17.24	-15.41	30.77	-256.02
18657	-9.45	-8.70	-8.30	87.98	24.91	13.89	-20.54	33.95	-239.69
18658	-10.56	-8.70	-8.30	81.59	23.89	7.95	-25.18	36.25	-221.86
18659	-11.67	-8.70	-8.30	75.83	22.63	-1.20	-29.22	36.89	-202.72
18660	-12.78	-8.70	-8.30	71.22	21.26	-13.94	-32.68	35.23	-182.73
18661	-13.89	-8.70	-8.30	67.84	19.70	-30.21	-35.61	30.82	-161.57
18662	-15.00	-8.70	-8.30	65.67	18.71	-48.83	-37.86	21.82	-139.94
18663	-16.11	-8.70	-8.30	63.83	18.32	-67.59	-39.83	9.00	-117.78
18664	-17.23	-8.70	-8.30	60.78	18.93	-83.68	-41.47	-7.41	-94.03
18665	-18.52	-8.10	-2.70	-297.30	63.69	-85.88	144.78	-93.23	-37.52
18666	-19.42	-8.10	-2.70	-199.68	52.18	-14.70	153.02	-36.35	-14.96
18667	-20.33	-8.10	-2.70	-127.02	27.78	-7.97	142.32	-19.68	5.63
18668	-21.23	-8.10	-2.70	-72.77	-3.65	-4.28	110.89	-9.88	17.74
18669	-22.14	-8.10	-2.70	-28.73	-41.79	0.25	58.31	-9.41	37.37
18670	-18.24	-8.70	-2.70	-264.14	89.50	-48.92	144.86	-60.86	-25.22
18671	-19.16	-8.70	-2.70	-194.34	64.59	-13.88	148.78	-29.48	-13.39
18672	-20.07	-8.70	-2.70	-130.52	36.08	-6.99	138.26	-17.66	5.94
18673	-20.99	-8.70	-2.70	-77.78	1.68	-4.04	108.75	-9.94	17.70
18674	-21.91	-8.70	-2.70	-31.85	-40.52	-0.15	58.16	-10.38	37.20
18675	-18.52	-8.10	-4.10	-113.07	11.03	-100.87	57.85	-72.13	-80.93
18676	-19.42	-8.10	-4.10	-123.18	10.19	-63.51	60.54	-79.31	-36.03
18677	-20.33	-8.10	-4.10	-92.03	6.91	-32.58	59.79	-55.60	6.60
18678	-21.23	-8.10	-4.10	-53.22	-3.77	-20.61	47.85	-37.12	42.57
18679	-22.14	-8.10	-4.10	-17.58	-18.47	-3.47	22.59	-29.56	84.33
18680	-18.24	-8.70	-4.10	-102.69	19.95	-62.85	57.70	-44.51	-70.27
18681	-19.16	-8.70	-4.10	-111.76	16.85	-48.45	61.49	-60.63	-30.99
18682	-20.07	-8.70	-4.10	-87.76	10.20	-27.70	59.76	-48.53	7.37
18683	-20.99	-8.70	-4.10	-52.93	-2.53	-17.76	47.91	-35.58	41.86
18684	-21.91	-8.70	-4.10	-18.41	-19.49	-3.09	23.40	-31.00	82.96
18685	-18.52	-8.10	-5.50	-37.40	4.81	-109.45	12.84	-60.31	-89.36
18686	-19.42	-8.10	-5.50	-46.37	4.48	-92.28	10.85	-81.20	-42.55
18687	-20.33	-8.10	-5.50	-44.84	6.46	-65.93	9.92	-77.40	7.15
18688	-21.23	-8.10	-5.50	-27.26	7.17	-45.62	7.17	-62.01	55.32
18689	-22.14	-8.10	-5.50	-7.14	7.86	-19.55	0.53	-47.41	105.54
18690	-18.24	-8.70	-5.50	-32.55	6.60	-74.14	14.05	-36.92	-80.02
18691	-19.16	-8.70	-5.50	-40.24	4.96	-71.53	12.89	-62.29	-36.99
18692	-20.07	-8.70	-5.50	-39.86	5.53	-54.91	11.69	-66.44	9.18
18693	-20.99	-8.70	-5.50	-25.22	4.80	-39.44	8.41	-58.01	55.18
18694	-21.91	-8.70	-5.50	-6.88	4.34	-17.20	1.66	-48.22	104.33
18695	-18.52	-8.10	-6.90	14.19	13.42	-117.76	-19.26	-54.17	-83.80
18696	-19.42	-8.10	-6.90	3.18	15.58	-110.05	-21.08	-77.28	-37.28
18697	-20.33	-8.10	-6.90	-4.45	20.39	-91.78	-20.53	-83.88	12.60
18698	-21.23	-8.10	-6.90	-3.48	26.23	-72.67	-18.11	-76.38	63.23
18699	-22.14	-8.10	-6.90	1.71	33.55	-48.57	-14.58	-58.09	114.66
18700	-18.24	-8.70	-6.90	15.84	9.99	-85.10	-17.43	-33.66	-75.80
18701	-19.16	-8.70	-6.90	6.37	11.76	-87.04	-18.78	-59.89	-32.28
18702	-20.07	-8.70	-6.90	-1.19	16.07	-76.46	-18.48	-72.18	14.76
18703	-20.99	-8.70	-6.90	-1.44	21.37	-62.47	-16.62	-70.82	63.32
18704	-21.91	-8.70	-6.90	2.47	28.42	-42.57	-13.49	-58.23	113.50
18705	-18.52	-8.10	-8.30	53.66	28.79	-125.64	-45.56	-48.45	-69.36
18706	-19.42	-8.10	-8.30	39.34	33.71	-122.09	-45.59	-70.81	-25.52
18707	-20.33	-8.10	-8.30	24.75	40.75	-110.26	-42.26	-81.85	21.46
18708	-21.23	-8.10	-8.30	14.41	49.06	-96.87	-35.49	-79.72	69.86
18709	-22.14	-8.10	-8.30	8.18	58.18	-83.88	-25.65	-61.68	118.53
18710	-18.24	-8.70	-8.30	53.49	21.24	-95.32	-43.28	-30.40	-62.51
18711	-19.16	-8.70	-8.30	40.68	26.42	-98.26	-43.26	-55.26	-21.22

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]
18712	-20.07	-8.70	-8.30	26.72	33.71	-92.08	-40.33	-70.70	23.39
18713	-20.99	-8.70	-8.30	16.06	42.21	-83.01	-34.17	-73.88	69.95
18714	-21.91	-8.70	-8.30	9.26	51.88	-73.38	-24.78	-61.56	117.40
18715	21.43	-9.79	-2.70	-143.92	-900.00	-711.29	-391.20	-599.54	-703.09
18716	20.51	-9.75	-2.70	81.35	-589.90	-404.97	-301.62	-370.01	-304.59
18717	19.60	-9.70	-2.70	152.50	-394.13	-266.21	-319.29	-302.90	-181.81
18718	18.68	-9.66	-2.70	213.13	-236.13	-151.07	-319.17	-274.78	-102.79
18719	17.76	-9.62	-2.70	372.61	-98.26	105.49	-265.11	-375.36	-69.23
18720	20.65	-11.34	-2.70	44.59	-235.24	21.03	-69.77	-24.16	-87.21
18721	19.75	-11.21	-2.70	118.29	-238.03	13.86	-67.33	-60.23	-60.43
18722	18.85	-11.08	-2.70	186.99	-187.32	11.52	-102.86	-63.25	-34.36
18723	17.95	-10.95	-2.70	264.94	-121.03	3.47	-145.63	-86.55	-17.53
18724	17.06	-10.82	-2.70	509.99	-22.81	261.97	-193.53	-299.81	21.87
18725	19.76	-12.83	-2.70	5.81	-90.48	-17.83	-34.29	-27.02	-37.70
18726	18.89	-12.62	-2.70	80.82	-93.82	-5.78	-19.52	-28.92	-23.28
18727	18.01	-12.41	-2.70	148.96	-79.65	2.98	-46.81	-45.03	-11.28
18728	17.14	-12.19	-2.70	252.93	-37.13	7.36	-101.05	-80.68	8.52
18729	16.27	-11.98	-2.70	521.83	56.17	317.15	-186.20	-313.78	82.86
18730	18.76	-14.25	-2.70	5.24	-37.79	-2.45	-17.53	-10.55	-18.15
18731	17.92	-13.96	-2.70	55.35	-35.49	3.30	-8.48	-18.10	-11.03
18732	17.08	-13.67	-2.70	120.79	-20.43	11.11	-29.37	-34.89	0.64
18733	16.24	-13.37	-2.70	229.52	19.52	13.74	-86.11	-75.76	23.70
18734	15.40	-13.08	-2.70	513.59	130.18	364.59	-197.01	-325.44	134.30
18735	17.66	-15.59	-2.70	1.95	-13.98	-3.19	-8.60	-4.14	-9.63
18736	16.86	-15.22	-2.70	39.69	-6.30	3.83	-2.58	-12.72	-4.68
18737	16.06	-14.85	-2.70	98.52	13.38	12.83	-21.78	-30.92	8.04
18738	15.26	-14.48	-2.70	207.07	61.38	15.98	-82.40	-74.40	36.31
18739	14.46	-14.11	-2.70	496.87	203.54	409.36	-214.72	-334.87	188.12
18740	16.47	-16.85	-2.70	0.61	-2.16	-2.22	-2.96	0.42	-5.37
18741	15.71	-16.41	-2.70	29.17	8.81	5.14	1.70	-9.17	-1.04
18742	14.95	-15.97	-2.70	82.49	33.98	14.93	-17.58	-28.26	13.78
18743	14.20	-15.53	-2.70	187.12	95.20	18.26	-82.81	-73.48	48.60
18744	13.44	-15.08	-2.70	475.54	277.31	452.72	-232.54	-339.33	242.53
18745	15.18	-18.02	-2.70	-0.50	3.14	-2.21	0.59	3.80	-3.24
18746	14.48	-17.51	-2.70	21.83	16.06	5.91	4.71	-6.42	1.34
18747	13.77	-17.00	-2.70	70.24	47.00	16.72	-15.10	-26.03	18.83
18748	13.07	-16.49	-2.70	168.98	124.27	20.24	-84.40	-71.94	60.77
18749	12.37	-15.98	-2.70	451.82	351.70	495.70	-247.19	-338.76	298.15
18750	13.81	-19.09	-2.70	-2.05	4.65	-2.20	2.21	6.40	-2.34
18751	13.17	-18.52	-2.70	16.08	18.55	6.67	6.30	-4.12	2.97
18752	12.52	-17.94	-2.70	60.21	55.33	18.46	-13.89	-23.81	23.43
18753	11.88	-17.37	-2.70	151.85	150.29	22.25	-85.80	-69.38	72.87
18754	11.23	-16.80	-2.70	424.83	426.12	536.92	-256.98	-331.00	354.51
18755	12.37	-20.05	-2.70	-4.79	3.98	-2.22	2.18	8.30	-2.30
18756	11.79	-19.42	-2.70	10.72	18.14	7.37	6.40	-2.21	4.07
18757	11.20	-18.79	-2.70	51.20	60.64	20.11	-13.76	-21.44	27.64
18758	10.62	-18.17	-2.70	134.99	173.93	24.25	-86.31	-65.50	84.70
18759	10.04	-17.54	-2.70	395.08	498.61	574.95	-260.15	-316.16	408.62
18760	10.86	-20.91	-2.70	-9.16	2.28	-2.23	0.88	9.47	-2.88
18761	10.35	-20.23	-2.70	5.01	16.10	8.05	5.12	-0.67	4.73
18762	9.83	-19.55	-2.70	42.42	64.01	21.66	-14.57	-18.91	31.43
18763	9.32	-18.87	-2.70	118.07	195.40	26.12	-85.53	-60.27	95.78
18764	8.80	-18.19	-2.70	363.58	567.96	609.66	-256.16	-294.45	459.81
18765	9.29	-21.65	-2.70	-15.29	0.34	-2.21	-1.17	9.86	-3.88
18766	8.85	-20.93	-2.70	-1.55	13.39	8.68	2.70	0.48	5.06
18767	8.41	-20.20	-2.70	33.32	66.25	23.06	-16.12	-16.23	34.73
18768	7.96	-19.48	-2.70	101.00	214.83	27.83	-83.25	-53.77	105.92
18769	7.52	-18.76	-2.70	331.26	632.52	640.39	-244.82	-266.13	506.73
18770	7.67	-22.28	-2.70	-23.06	-1.31	-2.17	-3.41	9.46	-5.12
18771	7.30	-21.52	-2.70	-9.19	10.71	9.25	-0.52	1.21	5.14
18772	6.94	-20.76	-2.70	23.60	67.97	24.28	-18.21	-13.43	37.53
18773	6.57	-19.99	-2.70	83.84	232.19	29.35	-79.39	-46.08	114.84
18774	6.20	-19.23	-2.70	299.18	690.65	666.57	-226.38	-231.76	548.08
18775	6.01	-22.78	-2.70	-32.18	-2.40	-2.09	-5.36	8.27	-6.41
18776	5.72	-21.99	-2.70	-17.97	8.61	9.75	-4.18	1.53	5.07
18777	5.43	-21.20	-2.70	13.09	69.64	25.31	-20.60	-10.57	39.80
18778	5.14	-20.41	-2.70	66.73	247.37	30.62	-73.98	-37.37	122.28
18779	4.86	-19.62	-2.70	268.33	740.79	687.69	-201.46	-192.16	582.67
18780	4.32	-23.17	-2.70	-42.17	-2.85	-1.99	-6.59	6.30	-7.57
18781	4.11	-22.35	-2.70	-27.77	7.43	10.18	-7.91	1.42	4.91
18782	3.90	-21.54	-2.70	1.76	71.63	26.12	-23.02	-7.73	41.51
18783	3.69	-20.72	-2.70	49.85	260.26	31.61	-67.09	-27.86	128.01
18784	3.49	-19.90	-2.70	239.61	781.55	703.28	-171.01	-148.35	609.45
18785	2.60	-23.42	-2.70	-52.41	-2.71	-1.86	-6.81	3.60	-8.44
18786	2.47	-22.59	-2.70	-38.34	7.43	10.51	-11.32	0.88	4.75
18787	2.35	-21.76	-2.70	-10.28	74.20	26.68	-25.17	-4.98	42.64
18788	2.22	-20.93	-2.70	33.44	270.76	32.30	-58.86	-17.84	131.86
18789	2.10	-20.10	-2.70	213.76	811.79	712.90	-136.23	-101.58	627.54
18790	0.87	-23.55	-2.70	-62.22	-2.10	-1.75	-5.87	0.30	-8.87
18791	0.83	-22.71	-2.70	-49.29	8.72	10.71	-14.07	-0.04	4.65
18792	0.78	-21.87	-2.70	-22.85	77.49	26.95	-26.73	-2.38	43.17
18793	0.74	-21.03	-2.70	17.73	278.79	32.64	-49.46	-7.58	133.69
18794	0.70	-20.20	-2.70	191.34	830.87	716.44	-98.55	-53.46	636.54
18795	21.43	-9.79	-4.10	9.10	-217.97	-606.45	-108.63	-640.03	-612.42
18796	20.51	-9.75	-4.10	79.94	-179.50	-359.34	-96.37	-435.95	-235.28
18797	19.60	-9.70	-4.10	141.37	-138.87	-215.58	-88.92	-328.94	-114.46
18798	18.68	-9.66	-4.10	195.86	-99.49	-82.61	-73.39	-305.21	-69.46
18799	17.76	-9.62	-4.10	199.26	-75.72	78.98	-36.54	-300.47	-87.77
18800	20.65	-11.34	-4.10	-37.46	-248.97	-215.89	-122.71	-189.68	-335.59
18801	19.75	-11.21	-4.10	51.01	-191.19	-117.37	-94.44	-220.39	-202.91
18802	18.85	-11.08	-4.10	131.71	-145.48	-67.31	-90.50	-214.17	-108.63
18803	17.95	-10.95	-4.10	211.83	-100.60	29.87	-90.62	-256.39	-52.96
18804	17.06	-10.82	-4.10	218.34	-78.48	200.77	-55.36	-295.92	-56.22
18805	19.76	-12.83	-4.10	-6.74	-120.46	-34.61	-63.27	-88.59	-122.63
18806	18.89	-12.62	-4.10	62.39	-103.32	-7.16	-49.26	-105.38	-78.07
18807	18.01	-12.41	-4.10	139.14	-82.13	12.31	-58.13	-141.09	-37.17
18808	17.14	-12.19	-4.10	227.14	-54.20	100.05	-75.11	-221.34	7.11
18809	16.27	-11.98	-4.10	239.56	-49.42	288.85	-51.87	-290.38	4.61
18810	18.76	-14.25	-4.10	-4.40	-62.40	-17.88	-38.74	-51.86	-58.08

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]
18811	17.92	-13.96	-4.10	58.13	-50.59	10.15	-32.40	-74.18	-31.33
18812	17.08	-13.67	-4.10	132.48	-34.11	31.84	-48.36	-117.70	1.82
18813	16.24	-13.37	-4.10	224.90	-8.15	130.94	-74.98	-213.35	52.93
18814	15.40	-13.08	-4.10	242.67	-14.73	348.40	-55.19	-296.08	60.10
18815	17.66	-15.59	-4.10	-1.69	-33.69	-5.42	-26.81	-31.82	-26.61
18816	16.86	-15.22	-4.10	52.99	-20.08	22.03	-27.03	-58.30	-5.46
18817	16.06	-14.85	-4.10	123.35	0.44	44.89	-48.20	-106.88	29.31
18818	15.26	-14.48	-4.10	216.19	31.98	154.93	-81.80	-210.73	93.03
18819	14.46	-14.11	-4.10	237.67	18.17	399.62	-62.63	-301.14	113.10
18820	16.47	-16.85	-4.10	-1.84	-18.63	-1.59	-21.08	-19.08	-9.72
18821	15.71	-16.41	-4.10	46.86	-0.96	28.56	-26.00	-48.33	11.16
18822	14.95	-15.97	-4.10	112.65	26.68	53.82	-51.77	-100.08	51.27
18823	14.20	-15.53	-4.10	203.63	68.01	175.49	-91.21	-208.63	130.73
18824	13.44	-15.08	-4.10	227.88	49.45	446.54	-71.64	-302.90	164.70
18825	15.18	-18.02	-4.10	-3.83	-10.25	0.52	-18.76	-9.56	0.37
18826	14.48	-17.51	-4.10	39.79	12.16	33.70	-27.06	-40.60	23.29
18827	13.77	-17.00	-4.10	100.70	48.44	61.54	-56.57	-94.08	70.53
18828	13.00	-16.49	-4.10	188.23	101.93	194.73	-100.62	-204.53	167.24
18829	12.37	-15.98	-4.10	214.94	79.22	490.92	-80.30	-299.99	215.53
18830	13.81	-19.09	-4.10	-7.83	-5.33	1.76	-18.50	-2.07	6.50
18831	13.17	-18.52	-4.10	31.46	22.08	38.15	-29.08	-33.90	32.75
18832	12.52	-17.94	-4.10	87.27	67.84	68.60	-61.17	-87.67	88.05
18833	11.88	-17.37	-4.10	170.21	134.81	212.94	-108.26	-197.22	202.68
18834	11.23	-16.80	-4.10	199.40	108.10	532.69	-87.43	-291.01	265.42
18835	12.37	-20.05	-4.10	-13.87	-2.04	2.82	-19.35	3.78	9.99
18836	11.79	-19.42	-4.10	21.70	30.37	42.27	-31.26	-27.82	40.30
18837	11.20	-18.79	-4.10	72.35	85.92	75.21	-64.58	-80.37	104.06
18838	10.62	-18.17	-4.10	150.04	166.74	229.94	-112.92	-186.12	236.49
18839	10.04	-17.54	-4.10	182.08	135.79	571.25	-92.05	-276.03	312.83
18840	10.86	-20.91	-4.10	-21.84	0.66	3.82	-20.51	8.04	11.56
18841	10.35	-20.23	-4.10	10.57	37.83	46.10	-32.93	-22.28	46.30
18842	9.83	-19.55	-4.10	56.17	102.99	81.31	-66.12	-72.03	118.47
18843	9.32	-18.87	-4.10	128.39	197.38	245.50	-113.89	-171.23	267.94
18844	8.80	-18.19	-4.10	163.61	161.98	606.27	-93.81	-255.33	357.04
18845	9.29	-21.65	-4.10	-31.40	3.29	4.81	-21.29	10.67	11.74
18846	8.85	-20.93	-4.10	-1.67	44.82	49.59	-33.60	-17.28	50.96
18847	8.41	-20.20	-4.10	39.18	119.03	86.80	-65.37	-62.72	131.15
18848	7.96	-19.48	-4.10	105.99	226.18	259.36	-110.86	-152.76	296.42
18849	7.52	-18.76	-4.10	144.58	186.30	637.29	-92.50	-229.19	397.15
18850	7.67	-22.28	-4.10	-42.07	6.04	5.80	-21.15	11.63	11.00
18851	7.30	-21.52	-4.10	-14.59	51.42	52.70	-32.91	-12.87	54.49
18852	6.94	-20.76	-4.10	21.91	133.78	91.60	-62.12	-52.56	141.96
18853	6.57	-19.99	-4.10	83.64	252.43	271.29	-103.74	-131.01	321.27
18854	6.20	-19.23	-4.10	125.58	208.32	663.78	-88.15	-198.13	432.24
18855	6.01	-22.78	-4.10	-53.24	8.85	6.78	-19.70	10.92	9.76
18856	5.72	-21.99	-4.10	-27.70	57.49	55.41	-30.63	-9.12	57.04
18857	5.43	-21.20	-4.10	4.98	146.88	95.63	-56.33	-41.75	150.77
18858	5.14	-20.41	-4.10	62.17	275.39	281.05	-92.75	-106.48	341.89
18859	4.86	-19.62	-4.10	107.18	227.59	685.24	-80.95	-162.85	461.47
18860	4.32	-23.17	-4.10	-64.25	11.51	7.77	-16.77	8.53	8.40
18861	4.11	-22.35	-4.10	-40.43	62.83	57.66	-26.74	-6.13	58.77
18862	3.90	-21.54	-4.10	-10.97	157.90	98.82	-48.19	-30.58	157.43
18863	3.69	-20.72	-4.10	42.37	294.31	288.42	-78.31	-79.80	357.72
18864	3.49	-19.90	-4.10	89.91	243.67	701.20	-71.21	-124.22	484.04
18865	2.60	-23.42	-4.10	-74.37	13.74	8.69	-12.32	4.54	7.28
18866	2.47	-22.59	-4.10	-52.17	67.17	59.36	-21.31	-3.99	59.80
18867	2.35	-21.76	-4.10	-25.34	166.43	101.05	-38.01	-19.35	161.82
18868	2.22	-20.93	-4.10	24.94	308.57	293.21	-61.06	-51.72	368.32
18869	2.10	-20.10	-4.10	74.21	256.22	711.28	-59.39	-83.31	499.33
18870	0.87	-23.55	-4.10	-82.92	15.24	9.39	-6.52	-0.84	6.73
18871	0.83	-22.71	-4.10	-62.35	70.28	60.34	-14.55	-2.68	60.24
18872	0.78	-21.87	-4.10	-37.58	172.16	102.19	-26.23	-8.32	163.86
18873	0.74	-21.03	-4.10	10.40	317.69	295.26	-41.77	-23.00	373.37
18874	0.70	-20.20	-4.10	60.38	264.91	715.26	-46.00	-41.30	506.95
18875	21.43	-9.79	-5.50	99.97	-18.50	-487.56	33.58	-607.15	-550.34
18876	20.51	-9.75	-5.50	106.84	-54.50	-331.18	12.42	-431.76	-208.32
18877	19.60	-9.70	-5.50	120.17	-56.05	-194.70	9.03	-330.22	-102.41
18878	18.68	-9.66	-5.50	135.05	-52.24	-74.01	19.56	-283.02	-71.98
18879	17.76	-9.62	-5.50	137.91	-43.50	39.29	34.83	-254.10	-88.57
18880	20.65	-11.34	-5.50	-9.71	-80.82	-278.43	-41.37	-226.37	-338.66
18881	19.75	-11.21	-5.50	55.05	-66.87	-165.30	-21.07	-276.56	-206.87
18882	18.85	-11.08	-5.50	106.90	-61.24	-78.00	-15.73	-264.11	-107.68
18883	17.95	-10.95	-5.50	137.27	-55.90	20.83	-2.46	-265.60	-65.55
18884	17.06	-10.82	-5.50	144.62	-48.70	133.68	16.42	-261.00	-72.80
18885	19.76	-12.83	-5.50	-8.16	-84.96	-98.64	-44.48	-145.89	-185.62
18886	18.89	-12.62	-5.50	46.22	-69.59	-39.33	-29.28	-172.71	-115.94
18887	18.01	-12.41	-5.50	105.74	-57.77	14.26	-23.65	-206.99	-58.08
18888	17.14	-12.19	-5.50	142.55	-52.46	101.18	-13.67	-244.49	-24.58
18889	16.27	-11.98	-5.50	150.78	-48.46	217.54	5.18	-260.71	-33.24
18890	18.76	-14.25	-5.50	-3.38	-55.02	-24.64	-33.22	-92.98	-90.07
18891	17.92	-13.96	-5.50	50.08	-46.00	18.56	-24.81	-127.47	-46.70
18892	17.08	-13.67	-5.50	106.83	-36.65	65.77	-26.27	-176.06	-4.50
18893	16.24	-13.37	-5.50	144.80	-35.35	156.02	-20.56	-231.60	25.11
18894	15.40	-13.08	-5.50	153.53	-38.25	283.90	-2.80	-260.54	14.59
18895	17.66	-15.59	-5.50	-2.17	-36.12	2.04	-26.88	-65.52	-41.93
18896	16.86	-15.22	-5.50	48.81	-27.04	45.18	-24.37	-104.67	-5.06
18897	16.06	-14.85	-5.50	103.76	-16.04	95.22	-31.61	-160.76	36.94
18898	15.26	-14.48	-5.50	141.42	-16.08	194.93	-29.23	-225.19	71.00
18899	14.46	-14.11	-5.50	150.98	-24.81	338.27	-11.27	-260.77	62.50
18900	16.47	-16.85	-5.50	-3.29	-24.70	16.09	-24.40	-46.79	-12.92
18901	15.71	-16.41	-5.50	44.70	-12.86	62.49	-26.98	-89.82	24.33
18902	14.95	-15.97	-5.50	97.02	2.32	117.17	-38.87	-150.47	71.57
18903	14.20	-15.53	-5.50	133.88	2.84	227.38	-38.97	-219.87	113.76
18904	13.44	-15.08	-5.50	144.53	-10.61	386.45	-20.32	-259.07	109.04
18905	15.18	-18.02	-5.50	-7.10	-17.76	24.18	-24.56	-32.64	5.89
18906	14.48	-17.51	-5.50	37.75	-1.76	75.41	-31.16	-78.11	46.79
18907	13.77	-17.00	-5.50	87.08	19.09	135.50	-46.71	-141.29	101.91
18908	13.07	-16.49	-5.50	122.85	21.31	256.34	-48.65	-213.08	154.09
18909	12.37	-15.98	-5.50	135.17	3.70	430.69	-29.27	-254.09	154.29



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]
18910	13.81	-19.09	-5.50	-13.45	-13.00	30.20	-26.21	-21.19	18.60
18911	13.17	-18.52	-5.50	28.25	7.91	86.50	-35.75	-67.72	64.88
18912	12.52	-17.94	-5.50	74.31	35.23	152.01	-53.89	-131.53	129.20
18913	11.88	-17.37	-5.50	108.90	39.74	283.03	-57.15	-203.47	192.25
18914	11.23	-16.80	-5.50	123.28	18.37	471.64	-37.32	-244.65	197.96
18915	12.37	-20.05	-5.50	-22.16	-9.00	35.37	-28.30	-11.86	27.10
18916	11.79	-19.42	-5.50	16.51	17.13	96.54	-39.75	-57.96	79.72
18917	11.20	-18.79	-5.50	59.21	51.24	167.16	-59.36	-120.48	153.82
18918	10.62	-18.17	-5.50	92.69	58.24	307.60	-63.46	-190.44	227.96
18919	10.04	-17.54	-5.50	109.58	33.04	509.16	-43.61	-230.56	239.06
18920	10.86	-20.91	-5.50	-32.78	-5.00	40.11	-29.93	-4.52	32.51
18921	10.35	-20.23	-5.50	3.05	26.32	105.73	-42.33	-48.64	91.88
18922	9.83	-19.55	-5.50	42.44	67.15	180.98	-62.36	-107.93	175.79
18923	9.32	-18.87	-5.50	74.99	76.53	329.90	-66.94	-173.94	260.70
18924	8.80	-18.19	-5.50	94.75	47.49	543.05	-47.76	-211.95	277.00
18925	9.29	-21.65	-5.50	-44.69	-0.73	44.50	-30.40	0.85	35.60
18926	8.85	-20.93	-5.50	-11.47	35.50	114.03	-42.92	-39.74	101.71
18927	8.41	-20.20	-5.50	24.79	82.66	193.34	-62.39	-93.93	195.00
18928	7.96	-19.48	-5.50	56.59	94.19	349.69	-67.24	-154.10	290.00
18929	7.52	-18.76	-5.50	79.39	61.39	572.95	-49.52	-189.06	311.12
18930	7.67	-22.28	-5.50	-57.17	3.73	48.53	-29.22	4.23	37.03
18931	7.30	-21.52	-5.50	-26.31	44.41	121.36	-41.17	-31.29	109.48
18932	6.94	-20.76	-5.50	7.08	97.28	204.07	-59.26	-78.65	211.30
18933	6.57	-19.99	-5.50	38.28	110.70	366.68	-64.25	-131.26	315.34
18934	6.20	-19.23	-5.50	64.08	74.38	598.46	-48.84	-162.31	340.78
18935	6.01	-22.78	-5.50	-69.50	8.10	52.25	-26.15	5.61	37.35
18936	5.72	-21.99	-5.50	-40.73	52.62	127.68	-36.99	-23.44	115.39
18937	5.43	-21.20	-5.50	-9.88	110.41	213.04	-53.02	-62.37	224.53
18938	5.14	-20.41	-5.50	20.85	125.43	380.61	-58.10	-105.89	336.23
18939	4.86	-19.62	-5.50	49.38	86.05	619.16	-45.83	-132.26	365.34
18940	4.32	-23.17	-5.50	-80.96	12.00	55.65	-21.19	4.96	37.05
18941	4.11	-22.35	-5.50	-54.02	59.66	132.94	-30.52	-16.36	119.62
18942	3.90	-21.54	-5.50	-25.31	121.43	220.12	-43.97	-45.50	234.54
18943	3.69	-20.72	-5.50	5.01	137.81	391.22	-49.14	-78.62	352.21
18944	3.49	-19.90	-5.50	35.81	96.04	634.69	-40.74	-99.66	384.24
18945	2.60	-23.42	-5.50	-90.82	15.03	58.55	-14.50	2.24	36.56
18946	2.47	-22.59	-5.50	-65.46	65.05	136.92	-22.11	-10.31	122.28
18947	2.35	-21.76	-5.50	-38.49	129.77	225.09	-32.61	-28.51	241.14
18948	2.22	-20.93	-5.50	-8.59	147.29	398.26	-37.89	-50.18	362.90
18949	2.10	-20.10	-5.50	23.80	104.00	644.71	-33.90	-65.33	397.01
18950	0.87	-23.55	-5.50	-98.34	16.84	60.54	-6.42	-2.36	36.28
18951	0.83	-22.71	-5.50	-74.36	68.40	139.25	-12.22	-5.39	123.46
18952	0.78	-21.87	-5.50	-48.77	134.98	227.66	-19.56	-11.85	244.20
18953	0.74	-21.03	-5.50	-19.44	153.45	401.47	-24.96	-21.32	367.98
18954	0.70	-20.20	-5.50	13.68	109.65	648.97	-25.74	-30.22	403.34
18955	21.43	-9.79	-6.90	176.99	148.58	-423.28	136.68	-580.34	-530.34
18956	20.51	-9.75	-6.90	134.28	48.17	-327.43	92.36	-394.36	-187.99
18957	19.60	-9.70	-6.90	105.19	20.30	-199.07	78.99	-301.58	-93.39
18958	18.68	-9.66	-6.90	99.05	4.13	-89.61	81.15	-255.00	-70.14
18959	17.76	-9.62	-6.90	98.32	-3.20	-2.16	88.62	-222.90	-83.64
18960	20.65	-11.34	-6.90	18.06	39.37	-276.32	30.65	-218.17	-307.94
18961	19.75	-11.21	-6.90	68.92	19.67	-179.66	48.45	-277.12	-184.38
18962	18.85	-11.08	-6.90	86.24	-1.69	-88.27	46.70	-262.82	-98.56
18963	17.95	-10.95	-6.90	97.73	-12.32	-1.18	55.17	-250.00	-65.46
18964	17.06	-10.82	-6.90	100.79	-17.70	79.67	67.74	-233.66	-70.80
18965	19.76	-12.83	-6.90	9.85	-12.05	-120.01	-0.59	-163.52	-191.21
18966	18.89	-12.62	-6.90	43.17	-13.22	-54.69	13.91	-199.21	-117.52
18967	18.01	-12.41	-6.90	78.35	-18.54	7.08	24.32	-222.92	-62.22
18968	17.14	-12.19	-6.90	98.15	-24.94	78.68	36.10	-237.36	-35.11
18969	16.27	-11.98	-6.90	103.01	-29.43	155.65	51.35	-236.17	-41.22
18970	18.76	-14.25	-6.90	5.01	-24.53	-24.48	-9.81	-118.76	-108.42
18971	17.92	-13.96	-6.90	42.27	-23.11	23.38	1.24	-158.74	-54.96
18972	17.08	-13.67	-6.90	76.37	-24.38	73.28	9.90	-195.85	-13.93
18973	16.24	-13.37	-6.90	98.07	-29.59	141.60	21.73	-226.03	7.29
18974	15.40	-13.08	-6.90	103.13	-35.79	220.78	37.96	-235.46	-2.06
18975	17.66	-15.59	-6.90	3.43	-22.71	23.64	-12.97	-89.57	-53.36
18976	16.86	-15.22	-6.90	40.63	-21.34	68.25	-5.79	-133.78	-6.44
18977	16.06	-14.85	-6.90	74.29	-21.87	118.06	-0.79	-178.66	31.16
18978	15.26	-14.48	-6.90	95.53	-28.07	190.37	9.42	-217.31	51.58
18979	14.46	-14.11	-6.90	100.56	-37.37	276.17	26.35	-233.01	40.39
18980	16.47	-16.85	-6.90	-0.19	-20.21	50.18	-15.87	-68.23	-17.21
18981	15.71	-16.41	-6.90	36.38	-17.50	97.62	-12.67	-116.32	30.41
18982	14.95	-15.97	-6.90	68.96	-16.66	151.34	-10.95	-165.91	70.50
18983	14.20	-15.53	-6.90	89.76	-23.60	230.52	-2.19	-209.38	93.87
18984	13.44	-15.08	-6.90	95.13	-36.31	324.77	15.42	-228.69	82.49
18985	15.18	-18.02	-6.90	-6.03	-18.23	68.11	-19.61	-51.14	7.97
18986	14.48	-17.51	-6.90	29.15	-13.12	120.27	-19.81	-101.95	59.75
18987	13.77	-17.00	-6.90	60.40	-10.09	179.11	-20.75	-154.31	105.21
18988	13.07	-16.49	-6.90	80.85	-17.38	265.82	-13.12	-200.39	133.59
18989	12.37	-15.98	-6.90	87.22	-33.64	368.81	5.11	-221.83	123.33
18990	13.81	-19.09	-6.90	-14.40	-16.38	82.21	-23.78	-36.90	25.79
18991	13.17	-18.52	-6.90	19.13	-8.14	139.59	-26.64	-88.96	83.68
18992	12.52	-17.94	-6.90	48.95	-2.40	203.72	-29.57	-142.33	136.06
18993	11.88	-17.37	-6.90	69.22	-9.75	297.83	-22.82	-189.29	170.60
18994	11.23	-16.80	-6.90	77.06	-29.37	409.14	-4.20	-211.59	162.35
18995	12.37	-20.05	-6.90	-25.00	-14.01	94.53	-27.62	-25.02	38.31
18996	11.79	-19.42	-6.90	6.80	-2.30	156.92	-32.35	-76.67	103.38
18997	11.20	-18.79	-6.90	35.18	6.41	226.05	-36.63	-129.32	163.46
18998	10.62	-18.17	-6.90	55.50	-0.90	327.00	-30.58	-175.53	204.68
18999	10.04	-17.54	-6.90	65.32	-24.04	445.86	-11.92	-197.79	198.72
19000	10.86	-20.91	-6.90	-37.28	-10.81	105.68	-30.34	-15.36	46.82
19001	10.35	-20.23	-6.90	-7.15	4.45	172.60	-36.20	-64.83	119.55
19002	9.83	-19.55	-6.90	19.88	16.12	246.24	-41.26	-115.03	187.56
19003	9.32	-18.87	-6.90	40.48	8.79	353.31	-35.86	-159.01	235.53
19004	8.80	-18.19	-6.90	52.65	-17.89	478.85	-17.75	-180.48	232.01
19005	9.29	-21.65	-6.90	-50.45	-6.84	115.78	-31.30	-7.87	52.30
19006	8.85	-20.93	-6.90	-21.90	11.83	186.64	-37.65	-53.39	132.66
19007	8.41	-20.20	-6.90	3.89	26.29	264.18	-43.02	-99.44	208.39
19008	7.96	-19.48	-6.90	24.95	18.87	376.55	-38.37	-139.80	262.83

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]
19009	7.52	-18.76	-6.90	39.65	-11.27	507.86	-21.50	-159.80	261.71
19010	7.67	-22.28	-6.90	-63.70	-2.38	124.84	-30.15	-2.51	55.55
19011	7.30	-21.52	-6.90	-36.61	19.40	198.95	-36.44	-42.37	143.08
19012	6.94	-20.76	-6.90	-11.92	36.38	279.70	-41.77	-82.70	225.91
19013	6.57	-19.99	-6.90	9.65	28.81	396.48	-38.02	-118.15	286.25
19014	6.20	-19.23	-6.90	26.87	-4.56	532.56	-23.12	-136.08	287.36
19015	6.01	-22.78	-6.90	-76.27	2.12	132.93	-26.77	0.77	57.23
19016	5.72	-21.99	-6.90	-50.50	26.62	209.51	-32.57	-31.85	151.10
19017	5.43	-21.20	-6.90	-26.78	45.77	292.69	-37.58	-65.04	240.07
19018	5.14	-20.41	-6.90	-4.69	38.07	412.85	-34.93	-94.45	305.44
19019	4.86	-19.62	-6.90	14.86	1.86	552.65	-22.72	-109.77	308.49
19020	4.32	-23.17	-6.90	-87.53	6.15	140.12	-21.31	1.90	57.92
19021	4.11	-22.35	-6.90	-62.92	32.89	218.33	-26.30	-22.09	156.94
19022	3.90	-21.54	-6.90	-39.99	53.86	303.02	-30.80	-46.91	250.78
19023	3.69	-20.72	-6.90	-17.45	46.08	425.45	-29.45	-69.27	320.09
19024	3.49	-19.90	-6.90	4.06	7.64	567.84	-20.52	-81.48	324.68
19025	2.60	-23.42	-6.90	-96.86	9.21	146.15	-14.10	0.65	58.05
19026	2.47	-22.59	-6.90	-73.21	37.66	225.14	-18.13	-13.52	160.72
19027	2.35	-21.76	-6.90	-50.90	60.05	310.43	-21.99	-28.85	257.89
19028	2.22	-20.93	-6.90	-28.05	52.36	434.00	-22.05	-43.27	329.87
19029	2.10	-20.10	-6.90	-5.12	12.42	577.85	-16.85	-51.92	335.56
19030	0.87	-23.55	-6.90	-103.46	10.95	150.17	-5.60	-3.00	58.04
19031	0.83	-22.71	-6.90	-80.62	40.50	229.23	-8.64	-6.45	162.44
19032	0.78	-21.87	-6.90	-58.86	63.87	314.43	-11.78	-11.38	261.19
19033	0.74	-21.03	-6.90	-35.99	56.47	438.19	-13.30	-17.13	334.50
19034	0.70	-20.20	-6.90	-12.34	15.94	582.44	-12.08	-21.83	340.89
19035	21.43	-9.79	-8.30	250.77	326.53	-439.76	248.30	-512.81	-488.98
19036	20.51	-9.75	-8.30	136.16	142.11	-334.78	149.66	-315.74	-148.60
19037	19.60	-9.70	-8.30	82.53	93.04	-200.59	130.07	-252.87	-73.19
19038	18.68	-9.66	-8.30	70.89	61.66	-106.32	130.03	-222.26	-58.16
19039	17.76	-9.62	-8.30	71.36	42.09	-39.37	134.08	-195.72	-69.71
19040	20.65	-11.34	-8.30	35.13	139.27	-259.82	87.46	-188.66	-260.08
19041	19.75	-11.21	-8.30	77.33	93.65	-177.90	101.51	-245.15	-149.77
19042	18.85	-11.08	-8.30	72.05	55.05	-95.29	94.88	-237.60	-80.59
19043	17.95	-10.95	-8.30	71.85	33.17	-24.14	101.39	-225.23	-55.27
19044	17.06	-10.82	-8.30	73.60	17.86	33.84	110.51	-207.75	-59.17
19045	19.76	-12.83	-8.30	30.10	55.41	-107.77	42.52	-155.75	-172.19
19046	18.89	-12.62	-8.30	45.14	40.41	-55.98	55.93	-194.04	-103.19
19047	18.01	-12.41	-8.30	62.85	23.24	-1.93	66.71	-213.40	-54.71
19048	17.14	-12.19	-8.30	71.12	7.63	52.25	77.83	-218.99	-31.78
19049	16.27	-11.98	-8.30	74.34	-4.31	102.90	90.26	-211.80	-35.24
19050	18.76	-14.25	-8.30	19.24	17.83	-7.58	21.03	-123.90	-108.68
19051	17.92	-13.96	-8.30	40.20	10.42	29.24	33.21	-164.26	-53.30
19052	17.08	-13.67	-8.30	58.09	0.37	69.77	45.29	-193.03	-14.57
19053	16.24	-13.37	-8.30	69.51	-11.42	116.81	58.67	-210.39	3.71
19054	15.40	-13.08	-8.30	73.08	-22.32	164.60	72.72	-211.37	-2.47
19055	17.66	-15.59	-8.30	14.05	1.25	53.99	8.57	-98.88	-58.28
19056	16.86	-15.22	-8.30	35.94	-4.85	85.80	18.72	-141.83	-7.58
19057	16.06	-14.85	-8.30	54.77	-13.09	123.40	29.22	-177.12	27.34
19058	15.26	-14.48	-8.30	66.26	-24.30	170.03	42.34	-201.57	43.30
19059	14.46	-14.11	-8.30	69.83	-35.62	218.98	57.44	-207.96	34.50
19060	16.47	-16.85	-8.30	7.91	-7.13	93.56	-0.43	-77.68	-20.48
19061	15.71	-16.41	-8.30	30.48	-12.72	126.14	7.04	-123.95	30.82
19062	14.95	-15.97	-8.30	49.25	-20.48	165.46	15.48	-163.51	66.33
19063	14.20	-15.53	-8.30	60.74	-32.23	215.15	27.84	-192.33	82.56
19064	13.44	-15.08	-8.30	64.45	-45.11	267.50	43.62	-202.20	71.97
19065	15.18	-18.02	-8.30	-0.02	-12.02	122.67	-8.45	-59.49	7.37
19066	14.48	-17.51	-8.30	22.43	-16.74	158.19	-3.48	-108.40	62.42
19067	13.77	-17.00	-8.30	41.02	-23.95	200.91	3.09	-150.64	101.23
19068	13.07	-16.49	-8.30	52.61	-36.52	254.91	14.74	-182.04	119.60
19069	12.37	-15.98	-8.30	56.99	-51.63	311.53	31.00	-194.18	108.40
19070	13.81	-19.09	-8.30	-10.15	-14.56	146.77	-15.71	-43.84	27.67
19071	13.17	-18.52	-8.30	11.89	-17.92	185.80	-12.83	-94.10	88.38
19072	12.52	-17.94	-8.30	30.22	-24.39	232.31	-7.77	-137.56	132.09
19073	11.88	-17.37	-8.30	42.14	-37.84	290.82	3.25	-170.15	153.82
19074	11.23	-16.80	-8.30	47.62	-55.31	351.76	19.79	-183.53	142.96
19075	12.37	-20.05	-8.30	-22.20	-15.02	168.04	-21.75	-30.60	42.13
19076	11.79	-19.42	-8.30	-0.71	-16.73	210.48	-20.46	-80.64	109.64
19077	11.20	-18.79	-8.30	17.39	-22.32	260.62	-16.57	-123.82	159.15
19078	10.62	-18.17	-8.30	29.90	-36.69	323.35	-6.15	-156.32	184.96
19079	10.04	-17.54	-8.30	36.96	-56.82	388.25	10.39	-170.18	174.92
19080	10.86	-20.91	-8.30	-35.52	-13.64	187.21	-25.97	-19.76	52.07
19081	10.35	-20.23	-8.30	-14.61	-13.58	232.68	-25.81	-67.83	126.93
19082	9.83	-19.55	-8.30	3.34	-18.27	286.05	-22.81	-109.21	182.64
19083	9.32	-18.87	-8.30	16.67	-33.66	352.54	-13.08	-140.43	212.82
19084	8.80	-18.19	-8.30	25.64	-56.56	420.91	2.99	-154.14	203.95
19085	9.29	-21.65	-8.30	-49.28	-10.82	204.38	-27.91	-11.27	58.58
19086	8.85	-20.93	-8.30	-28.93	-9.02	252.40	-28.48	-55.57	140.83
19087	8.41	-20.20	-8.30	-11.07	-12.90	308.53	-26.18	-93.67	202.71
19088	7.96	-19.48	-8.30	3.22	-29.33	378.21	-17.35	-122.50	237.25
19089	7.52	-18.76	-8.30	14.26	-55.00	449.52	-2.31	-135.48	229.69
19090	7.67	-22.28	-8.30	-62.60	-7.12	219.52	-27.37	-4.97	62.59
19091	7.30	-21.52	-8.30	-42.80	-3.70	269.57	-28.30	-43.82	151.79
19092	6.94	-20.76	-8.30	-25.01	-6.84	327.90	-26.61	-77.26	219.44
19093	6.57	-19.99	-8.30	-9.75	-24.30	400.17	-18.95	-102.69	258.04
19094	6.20	-19.23	-8.30	3.35	-52.58	473.85	-5.53	-114.43	251.80
19095	6.01	-22.78	-8.30	-74.76	-3.14	232.80	-24.37	-0.69	64.86
19096	5.72	-21.99	-8.30	-55.49	1.75	284.23	-25.38	-32.55	160.24
19097	5.43	-21.20	-8.30	-37.77	-0.74	344.10	-24.25	-60.14	232.90
19098	5.14	-20.41	-8.30	-21.60	-19.12	418.24	-18.05	-81.29	275.01
19099	4.86	-19.62	-8.30	-6.59	-49.72	493.67	-6.82	-91.35	269.93
19100	4.32	-23.17	-8.30	-85.32	0.54	244.57	-19.20	1.55	66.03
19101	4.11	-22.35	-8.30	-66.51	6.71	296.57	-20.07	-21.98	166.51
19102	3.90	-21.54	-8.30	-48.80	4.81	357.07	-19.48	-42.68	243.14
19103	3.69	-20.72	-8.30	-31.81	-14.30	432.24	-15.01	-58.76	287.94
19104	3.49	-19.90	-8.30	-15.16	-46.80	508.76	-6.45	-66.72	283.76
19105	2.60	-23.42	-8.30	-93.91	3.35	254.70	-12.35	1.20	66.55
19106	2.47	-22.59	-8.30	-75.44	10.56	306.43	-13.04	-12.76	170.79
19107	2.35	-21.76	-8.30	-57.59	9.23	366.61	-12.96	-25.51	250.08

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]
19108	2.22	-20.93	-8.30	-39.89	-10.34	441.94	-10.34	-35.72	296.59
19109	2.10	-20.10	-8.30	-21.98	-44.18	518.91	-4.76	-41.14	293.01
19110	0.87	-23.55	-8.30	-99.72	4.88	261.59	-4.44	-2.31	66.73
19111	0.83	-22.71	-8.30	-81.45	12.78	312.69	-5.07	-5.60	172.88
19112	0.78	-21.87	-8.30	-63.48	11.94	372.07	-5.43	-9.25	253.39
19113	0.74	-21.03	-8.30	-45.36	-7.73	447.00	-4.61	-12.76	300.69
19114	0.70	-20.20	-8.30	-26.75	-42.19	523.90	-2.13	-15.22	297.46
19115	-11.69	-9.49	-2.70	-34.11	71.75	255.77	27.89	6.02	-151.62
19116	-12.72	-9.44	-2.70	-47.96	71.44	231.15	36.10	6.23	-129.35
19117	-13.76	-9.39	-2.70	-63.74	70.41	201.08	45.34	5.98	-105.60
19118	-11.91	-10.47	-2.70	-22.19	98.86	344.35	36.17	31.09	-106.15
19119	-12.81	-10.33	-2.70	-33.95	97.40	312.34	43.39	29.79	-91.53
19120	-13.70	-10.18	-2.70	-47.95	95.34	275.89	51.08	26.93	-75.77
19121	-12.11	-11.46	-2.70	-6.89	133.04	434.31	46.64	54.25	-56.05
19122	-12.88	-11.21	-2.70	-17.66	128.48	394.83	52.32	51.77	-50.46
19123	-13.63	-10.96	-2.70	-30.42	124.33	352.00	58.64	47.80	-42.41
19124	-0.57	-9.89	-2.70	55.92	59.80	373.73	-5.84	-38.66	-288.66
19125	-1.70	-9.88	-2.70	49.10	60.69	371.99	-5.32	-30.23	-284.12
19126	-2.84	-9.86	-2.70	42.18	62.00	368.09	-4.53	-22.46	-277.20
19127	-3.96	-9.83	-2.70	35.05	63.64	361.97	-3.29	-15.53	-267.97
19128	-5.08	-9.80	-2.70	27.55	65.48	353.67	-1.44	-9.60	-256.54
19129	-6.20	-9.76	-2.70	19.51	67.39	343.22	1.15	-4.74	-243.10
19130	-7.31	-9.71	-2.70	10.73	69.19	330.61	4.59	-0.94	-227.81
19131	-8.42	-9.66	-2.70	1.06	70.71	315.72	8.95	1.87	-210.86
19132	-9.52	-9.60	-2.70	-9.64	71.77	298.32	14.28	3.83	-192.45
19133	-10.62	-9.54	-2.70	-21.50	72.20	277.95	20.66	5.11	-172.80
19134	-0.60	-11.68	-2.70	57.43	99.26	565.46	-9.67	-39.05	-190.14
19135	-1.80	-11.64	-2.70	50.62	99.96	559.27	-6.65	-24.07	-187.22
19136	-2.99	-11.58	-2.70	44.25	100.81	549.11	-3.53	-10.33	-183.03
19137	-4.16	-11.50	-2.70	38.09	101.75	535.08	-0.20	1.77	-177.58
19138	-5.32	-11.40	-2.70	31.87	102.66	517.37	3.44	11.95	-170.89
19139	-6.47	-11.28	-2.70	25.27	103.40	496.17	7.50	20.04	-162.97
19140	-7.60	-11.15	-2.70	17.98	103.80	471.65	12.07	26.01	-153.86
19141	-8.72	-10.99	-2.70	9.71	103.70	443.87	17.21	29.88	-143.59
19142	-9.83	-10.82	-2.70	0.16	102.89	412.71	22.99	31.77	-132.24
19143	-10.92	-10.63	-2.70	-10.89	101.12	377.86	29.44	31.86	-119.87
19144	-0.63	-13.48	-2.70	67.39	154.22	750.88	-13.83	-39.84	-79.99
19145	-1.88	-13.42	-2.70	60.25	154.57	741.20	-7.73	-18.83	-78.65
19146	-3.11	-13.32	-2.70	54.07	154.60	725.82	-1.74	0.42	-77.41
19147	-4.33	-13.19	-2.70	48.51	154.27	704.94	4.18	17.38	-76.18
19148	-5.53	-13.03	-2.70	43.17	153.50	678.84	10.05	31.63	-74.80
19149	-6.70	-12.83	-2.70	37.61	152.20	647.85	15.94	42.93	-73.14
19150	-7.86	-12.61	-2.70	31.39	150.23	612.27	21.91	51.13	-71.03
19151	-8.99	-12.35	-2.70	24.07	147.44	572.28	28.02	56.22	-68.34
19152	-10.11	-12.06	-2.70	15.18	143.67	527.94	34.33	58.22	-64.92
19153	-11.19	-11.74	-2.70	4.20	138.58	479.01	40.77	57.04	-60.89
19154	-0.65	-15.28	-2.70	88.29	233.45	928.96	-18.72	-41.26	42.66
19155	-1.95	-15.20	-2.70	80.47	233.25	916.67	-8.73	-14.93	42.55
19156	-3.22	-15.07	-2.70	74.09	231.94	897.16	0.95	9.29	40.73
19157	-4.47	-14.90	-2.70	68.69	229.53	870.69	10.23	30.75	37.44
19158	-5.71	-14.67	-2.70	63.79	226.01	837.61	19.03	48.88	32.97
19159	-6.91	-14.40	-2.70	58.80	221.33	798.30	27.32	63.32	27.66
19160	-8.09	-14.08	-2.70	53.13	215.42	753.14	35.11	73.84	21.86
19161	-9.24	-13.72	-2.70	46.15	208.20	702.38	42.43	80.33	15.97
19162	-10.36	-13.31	-2.70	37.22	199.54	646.14	49.32	82.77	10.37
19163	-11.45	-12.86	-2.70	25.56	189.40	584.17	55.80	81.14	5.73
19164	-0.67	-17.07	-2.70	131.28	356.02	1142.31	-25.82	-45.07	168.79
19165	-1.99	-16.99	-2.70	122.10	354.97	1127.62	-10.74	-14.57	167.55
19166	-3.30	-16.84	-2.70	114.71	351.44	1104.35	3.83	13.83	163.05
19167	-4.59	-16.62	-2.70	108.56	345.52	1072.56	17.56	39.19	155.66
19168	-5.85	-16.34	-2.70	103.00	337.27	1032.46	30.25	60.90	145.83
19169	-7.09	-15.99	-2.70	97.30	326.75	984.28	41.73	78.49	134.09
19170	-8.29	-15.58	-2.70	90.66	314.01	928.21	51.92	91.67	121.03
19171	-9.46	-15.11	-2.70	82.22	299.06	864.35	60.81	100.32	107.25
19172	-10.60	-14.58	-2.70	71.14	281.94	792.56	68.46	104.52	93.43
19173	-11.69	-14.00	-2.70	56.39	262.65	712.62	74.93	104.13	80.22
19174	-0.68	-18.88	-2.70	198.70	598.11	1294.17	-42.89	-40.30	383.51
19175	-2.02	-18.79	-2.70	186.54	595.52	1277.55	-17.19	-3.73	380.18
19176	-3.36	-18.61	-2.70	176.36	586.85	1250.02	7.54	30.69	372.43
19177	-4.68	-18.35	-2.70	167.54	572.18	1211.73	30.63	62.29	360.16
19178	-5.97	-18.01	-2.70	159.27	551.93	1162.86	51.51	90.37	343.75
19179	-7.23	-17.59	-2.70	150.63	526.57	1103.66	69.71	114.30	323.62
19180	-8.47	-17.09	-2.70	140.59	496.63	1034.41	84.93	133.53	300.25
19181	-9.66	-16.51	-2.70	128.11	462.66	955.44	97.04	147.58	274.16
19182	-10.81	-15.87	-2.70	112.11	425.16	867.04	106.03	156.08	245.79
19183	-11.91	-15.15	-2.70	91.66	384.95	769.36	112.29	159.03	216.05
19184	-16.80	-9.56	-2.70	-142.26	90.75	70.48	97.26	3.55	0.07
19185	-16.19	-10.65	-2.70	-91.51	142.91	199.63	103.98	48.83	32.84
19186	-15.52	-11.69	-2.70	-44.43	197.19	322.92	111.18	90.23	71.96
19187	-15.79	-9.48	-2.70	-103.75	76.62	133.13	71.73	6.30	-41.42
19188	-15.37	-10.42	-2.70	-70.91	115.47	243.00	77.09	34.27	-14.47
19189	-14.91	-11.34	-2.70	-38.78	157.68	351.38	83.60	60.75	16.96
19190	-14.78	-9.40	-2.70	-81.65	71.58	169.84	56.90	6.22	-76.09
19191	-14.55	-10.21	-2.70	-60.06	100.15	252.96	61.88	28.52	-50.43
19192	-14.30	-11.00	-2.70	-37.80	131.87	337.21	67.76	48.96	-21.42
19193	-12.93	-14.37	-2.70	66.23	342.93	665.83	116.06	155.75	184.53
19194	-12.65	-13.39	-2.70	38.14	241.70	629.92	79.73	99.36	67.02
19195	-12.36	-12.43	-2.70	12.57	179.03	525.10	61.25	76.85	1.91
19196	-13.86	-13.54	-2.70	35.52	297.70	557.44	116.40	142.75	150.33
19197	-13.48	-12.78	-2.70	17.27	218.24	544.92	82.99	91.99	53.37
19198	-13.10	-12.03	-2.70	-0.77	167.89	470.04	65.50	71.87	-2.00
19199	-14.74	-12.66	-2.70	-1.16	251.17	442.53	115.21	122.30	115.34
19200	-14.28	-12.13	-2.70	-8.20	193.57	453.03	85.44	80.56	40.84
19201	-13.81	-11.61	-2.70	-17.24	154.66	410.55	69.19	63.76	-5.97
19202	-11.69	-9.49	-4.10	-19.94	58.05	201.50	16.54	17.22	-187.68
19203	-12.72	-9.44	-4.10	-32.83	55.44	178.70	21.51	18.88	-168.36
19204	-13.76	-9.39	-4.10	-46.54	51.77	150.23	27.08	20.74	-148.15
19205	-11.91	-10.47	-4.10	-15.31	72.11	282.78	20.05	38.79	-148.02
19206	-12.81	-10.33	-4.10	-26.55	68.64	252.75	24.14	39.30	-135.53

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]
19207	-13.70	-10.18	-4.10	-38.82	64.32	218.07	28.51	38.97	-122.37
19208	-12.11	-11.46	-4.10	-10.10	88.01	364.56	23.62	59.21	-104.66
19209	-12.88	-11.21	-4.10	-20.43	82.73	327.04	26.62	59.12	-99.93
19210	-13.63	-10.96	-4.10	-31.63	77.35	285.72	30.08	58.09	-93.14
19211	-0.57	-9.89	-4.10	69.73	57.87	296.32	2.13	-27.35	-308.75
19212	-1.70	-9.88	-4.10	63.48	58.37	295.36	1.27	-20.08	-304.70
19213	-2.84	-9.86	-4.10	56.85	59.07	292.88	0.67	-13.29	-298.54
19214	-3.96	-9.83	-4.10	49.78	59.90	288.77	0.45	-7.12	-290.31
19215	-5.08	-9.80	-4.10	42.15	60.75	282.94	0.73	-1.65	-280.15
19216	-6.20	-9.76	-4.10	33.86	61.50	275.26	1.62	3.07	-268.21
19217	-7.31	-9.71	-4.10	24.80	61.99	265.58	3.18	7.02	-254.65
19218	-8.42	-9.66	-4.10	14.90	62.07	253.66	5.46	10.28	-239.66
19219	-9.52	-9.60	-4.10	4.08	61.57	239.12	8.47	12.93	-223.43
19220	-10.62	-9.54	-4.10	-7.69	60.34	221.42	12.23	15.13	-206.21
19221	-0.60	-11.68	-4.10	65.97	80.26	472.17	-2.64	-27.65	-221.41
19222	-1.80	-11.64	-4.10	59.68	80.79	467.25	-1.68	-14.78	-218.78
19223	-2.99	-11.58	-4.10	53.47	81.31	459.19	-0.59	-2.90	-215.01
19224	-4.16	-11.50	-4.10	47.17	81.77	448.00	0.71	7.71	-210.13
19225	-5.32	-11.40	-4.10	40.58	82.06	433.67	2.30	16.81	-204.16
19226	-6.47	-11.28	-4.10	33.48	82.05	416.25	4.24	24.27	-197.16
19227	-7.60	-11.15	-4.10	25.66	81.59	395.70	6.57	30.06	-189.17
19228	-8.72	-10.99	-4.10	16.90	80.52	371.91	9.35	34.19	-180.22
19229	-9.83	-10.82	-4.10	7.03	78.63	344.63	12.57	36.78	-170.42
19230	-10.92	-10.63	-4.10	-4.09	75.74	313.44	16.26	38.03	-159.83
19231	-0.63	-13.48	-4.10	68.43	111.40	643.98	-7.86	-27.85	-124.93
19232	-1.88	-13.42	-4.10	61.74	111.88	635.89	-4.78	-9.98	-123.67
19233	-3.11	-13.32	-4.10	55.55	111.92	623.03	-1.71	6.47	-122.52
19234	-4.33	-13.19	-4.10	49.59	111.52	605.47	1.34	21.10	-121.41
19235	-5.53	-13.03	-4.10	43.56	110.58	583.34	4.40	33.57	-120.21
19236	-6.70	-12.83	-4.10	37.12	109.03	556.77	7.48	43.67	-118.82
19237	-7.86	-12.61	-4.10	29.93	106.73	525.84	10.60	51.31	-117.09
19238	-8.99	-12.35	-4.10	21.67	103.54	490.56	13.79	56.51	-114.89
19239	-10.11	-12.06	-4.10	12.03	99.30	450.77	17.08	59.37	-112.06
19240	-11.19	-11.74	-4.10	0.80	93.84	406.09	20.51	59.83	-108.74
19241	-0.65	-15.28	-4.10	78.28	151.91	816.02	-13.95	-28.02	-23.70
19242	-1.95	-15.20	-4.10	70.80	152.29	805.38	-8.64	-6.08	-23.62
19243	-3.22	-15.07	-4.10	64.10	151.48	788.43	-3.47	14.24	-24.94
19244	-4.47	-14.90	-4.10	57.81	149.53	765.23	1.44	32.42	-27.45
19245	-5.71	-14.67	-4.10	51.56	146.45	735.94	6.00	48.05	-30.88
19246	-6.91	-14.40	-4.10	44.88	142.22	700.69	10.19	60.85	-34.93
19247	-8.09	-14.08	-4.10	37.34	136.82	659.58	13.99	70.72	-39.26
19248	-9.24	-13.72	-4.10	28.51	130.22	612.58	17.45	77.67	-43.54
19249	-10.36	-13.31	-4.10	18.02	122.39	559.53	20.66	81.77	-47.44
19250	-11.45	-12.86	-4.10	5.63	113.31	500.13	23.78	83.03	-50.45
19251	-0.67	-17.07	-4.10	93.78	187.85	993.19	-22.71	-26.25	95.77
19252	-1.99	-16.99	-4.10	84.87	188.50	980.13	-15.82	-0.58	94.74
19253	-3.30	-16.84	-4.10	76.63	186.93	958.64	-9.11	23.61	91.40
19254	-4.59	-16.62	-4.10	68.71	183.31	928.72	-2.78	45.70	85.99
19255	-5.85	-16.34	-4.10	60.69	177.82	890.50	2.99	65.23	78.75
19256	-7.09	-15.99	-4.10	52.14	170.65	844.15	8.14	81.88	70.00
19257	-8.29	-15.58	-4.10	42.61	161.96	789.82	12.67	95.41	60.03
19258	-9.46	-15.11	-4.10	31.75	151.94	727.66	16.70	105.67	49.14
19259	-10.60	-14.58	-4.10	19.37	140.76	657.77	20.41	112.53	37.58
19260	-11.69	-14.00	-4.10	5.35	128.53	580.35	24.08	115.73	25.58
19261	-0.68	-18.88	-4.10	90.47	207.19	1030.69	-32.90	-15.15	309.31
19262	-2.02	-18.79	-4.10	80.10	208.87	1017.34	-24.84	18.36	305.15
19263	-3.36	-18.61	-4.10	70.36	207.74	994.44	-16.69	50.09	296.54
19264	-4.68	-18.35	-4.10	60.99	203.96	962.16	-8.72	79.34	283.47
19265	-5.97	-18.01	-4.10	51.72	197.80	920.73	-1.17	105.42	266.19
19266	-7.23	-17.59	-4.10	42.24	189.54	870.46	5.82	127.65	245.01
19267	-8.47	-17.09	-4.10	32.30	179.50	811.73	12.20	145.38	220.31
19268	-9.66	-16.51	-4.10	21.66	167.96	744.98	18.03	158.04	192.50
19269	-10.81	-15.87	-4.10	10.20	155.20	670.67	23.41	165.08	162.05
19270	-11.91	-15.15	-4.10	-2.02	141.46	589.39	28.51	166.13	129.73
19271	-16.80	-9.56	-4.10	-80.54	43.80	38.15	52.75	20.91	-75.25
19272	-16.19	-10.65	-4.10	-65.85	62.22	138.85	49.69	61.17	-45.69
19273	-15.52	-11.69	-4.10	-52.28	79.77	234.49	46.58	96.69	-11.63
19274	-15.79	-9.48	-4.10	-72.37	45.67	82.48	42.24	26.48	-97.90
19275	-15.37	-10.42	-4.10	-59.42	62.07	173.36	40.67	53.93	-72.90
19276	-14.91	-11.34	-4.10	-47.82	77.63	259.80	38.78	80.34	-43.45
19277	-14.78	-9.40	-4.10	-60.21	48.36	119.32	33.86	23.84	-123.63
19278	-14.55	-10.21	-4.10	-49.92	62.13	193.33	34.00	43.96	-101.25
19279	-14.30	-11.00	-4.10	-40.54	75.65	265.71	33.69	63.60	-75.18
19280	-12.93	-14.37	-4.10	-14.42	127.50	504.84	33.64	160.38	95.92
19281	-12.65	-13.39	-4.10	-8.90	116.50	502.25	27.79	114.59	12.27
19282	-12.36	-12.43	-4.10	-6.74	104.55	443.00	26.70	82.14	-53.12
19283	-13.86	-13.54	-4.10	-26.65	112.45	418.07	38.25	146.56	61.03
19284	-13.48	-12.78	-4.10	-22.04	104.28	424.86	31.44	109.29	-2.65
19285	-13.10	-12.03	-4.10	-18.00	96.04	389.32	29.28	80.59	-56.44
19286	-14.74	-12.66	-4.10	-39.44	96.69	327.26	42.62	126.27	26.24
19287	-14.28	-12.13	-4.10	-35.39	91.78	343.39	35.37	99.25	-18.12
19288	-13.81	-11.61	-4.10	-29.94	86.51	331.33	32.15	76.13	-60.46
19289	-11.69	-9.49	-5.50	3.41	39.01	149.67	1.35	30.82	-202.39
19290	-12.72	-9.44	-5.50	-6.04	35.15	128.31	3.09	32.84	-183.95
19291	-13.76	-9.39	-5.50	-14.55	30.30	101.30	5.22	34.33	-164.57
19292	-11.91	-10.47	-5.50	2.07	39.77	223.30	1.43	51.45	-162.94
19293	-12.81	-10.33	-5.50	-5.58	36.04	194.65	2.88	52.59	-150.74
19294	-13.70	-10.18	-5.50	-12.61	31.71	161.34	4.70	52.31	-138.02
19295	-12.11	-11.46	-5.50	0.63	39.58	294.92	1.19	72.40	-118.23
19296	-12.88	-11.21	-5.50	-5.55	35.99	258.70	2.46	72.81	-113.53
19297	-13.63	-10.96	-5.50	-11.09	32.41	218.94	4.33	71.43	-107.46
19298	-0.57	-9.89	-5.50	82.07	46.63	226.30	10.76	-16.59	-314.25
19299	-1.70	-9.88	-5.50	76.92	46.82	225.93	7.97	-9.76	-310.65
19300	-2.84	-9.86	-5.50	71.22	47.09	224.54	5.41	-3.29	-305.10
19301	-3.96	-9.83	-5.50	64.93	47.35	221.95	3.20	2.74	-297.64
19302	-5.08	-9.80	-5.50	58.00	47.52	218.01	1.40	8.28	-288.39
19303	-6.20	-9.76	-5.50	50.38	47.47	212.49	0.08	13.28	-277.47
19304	-7.31	-9.71	-5.50	42.05	47.07	205.14	-0.72	17.72	-265.01
19305	-8.42	-9.66	-5.50	33.04	46.19	195.58	-0.97	21.62	-251.18

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]
19306	-9.52	-9.60	-5.50	23.41	44.66	183.35	-0.68	25.03	-236.09
19307	-10.62	-9.54	-5.50	13.31	42.38	167.80	0.14	28.04	-219.98
19308	-0.60	-11.68	-5.50	71.39	49.70	387.72	5.21	-16.61	-233.03
19309	-1.80	-11.64	-5.50	66.25	50.15	383.83	3.61	-4.84	-230.71
19310	-2.99	-11.58	-5.50	60.95	50.52	377.46	2.18	6.15	-227.25
19311	-4.16	-11.50	-5.50	55.38	50.77	368.52	0.96	16.15	-222.71
19312	-5.32	-11.40	-5.50	49.41	50.80	356.91	0.00	24.98	-217.11
19313	-6.47	-11.28	-5.50	42.92	50.50	342.52	-0.65	32.53	-210.48
19314	-7.60	-11.15	-5.50	35.81	49.74	325.15	-0.96	38.75	-202.86
19315	-8.72	-10.99	-5.50	28.02	48.38	304.55	-0.91	43.65	-194.29
19316	-9.83	-10.82	-5.50	19.57	46.31	280.32	-0.48	47.25	-184.83
19317	-10.92	-10.63	-5.50	10.57	43.42	251.90	0.36	49.66	-174.54
19318	-0.63	-13.48	-5.50	64.95	54.81	548.56	-0.74	-16.15	-141.95
19319	-1.88	-13.42	-5.50	59.49	55.51	541.72	-1.11	0.13	-140.88
19320	-3.11	-13.32	-5.50	54.19	55.80	530.81	-1.39	15.30	-139.71
19321	-4.33	-13.19	-5.50	48.88	55.69	515.81	-1.59	29.02	-138.38
19322	-5.53	-13.03	-5.50	43.38	55.13	496.67	-1.71	41.04	-136.82
19323	-6.70	-12.83	-5.50	37.48	54.06	473.33	-1.73	51.20	-134.94
19324	-7.86	-12.61	-5.50	31.02	52.41	445.70	-1.62	59.41	-132.63
19325	-8.99	-12.35	-5.50	23.91	50.12	413.58	-1.34	65.64	-129.79
19326	-10.11	-12.06	-5.50	16.13	47.12	376.65	-0.81	69.87	-126.34
19327	-11.19	-11.74	-5.50	7.87	43.46	334.54	0.12	71.84	-122.56
19328	-0.65	-15.28	-5.50	61.45	55.79	707.57	-7.33	-14.73	-38.39
19329	-1.95	-15.20	-5.50	55.35	56.88	698.19	-6.81	5.70	-38.51
19330	-3.22	-15.07	-5.50	49.58	57.13	682.91	-6.19	24.85	-39.53
19331	-4.47	-14.90	-5.50	43.95	56.62	661.70	-5.57	42.32	-41.32
19332	-5.71	-14.67	-5.50	38.26	55.40	634.57	-4.97	57.78	-43.73
19333	-6.91	-14.40	-5.50	32.29	53.55	601.52	-4.41	70.98	-46.59
19334	-8.09	-14.08	-5.50	25.88	51.12	562.53	-3.82	81.76	-49.75
19335	-9.24	-13.72	-5.50	18.98	48.16	517.55	-3.10	89.99	-53.07
19336	-10.36	-13.31	-5.50	11.64	44.72	466.53	-2.12	95.47	-56.46
19337	-11.45	-12.86	-5.50	4.05	40.82	409.45	-0.69	97.83	-59.68
19338	-0.67	-17.07	-5.50	54.70	45.05	835.63	-14.41	-10.56	99.69
19339	-1.99	-16.99	-5.50	47.85	46.95	824.31	-13.44	14.82	97.85
19340	-3.30	-16.84	-5.50	41.40	47.89	804.92	-12.21	38.82	93.89
19341	-4.59	-16.62	-5.50	35.23	48.01	777.54	-10.83	60.92	87.86
19342	-5.85	-16.34	-5.50	29.22	47.42	742.33	-9.34	80.64	79.91
19343	-7.09	-15.99	-5.50	23.25	46.26	699.53	-7.74	97.57	70.15
19344	-8.29	-15.58	-5.50	17.25	44.63	649.42	-6.01	111.32	58.74
19345	-9.46	-15.11	-5.50	11.25	42.61	592.37	-4.05	121.49	45.81
19346	-10.60	-14.58	-5.50	5.36	40.23	528.86	-1.78	127.63	31.54
19347	-11.69	-14.00	-5.50	-0.22	37.48	459.56	0.89	129.22	16.12
19348	-0.68	-18.88	-5.50	35.23	52.17	830.96	-18.69	-2.60	282.63
19349	-2.02	-18.79	-5.50	28.41	54.38	820.20	-15.41	28.87	277.90
19350	-3.36	-18.61	-5.50	22.55	55.56	801.14	-11.78	58.58	268.58
19351	-4.68	-18.35	-5.50	17.54	55.70	773.98	-7.97	85.80	254.76
19352	-5.97	-18.01	-5.50	13.29	54.91	738.97	-4.16	109.82	236.75
19353	-7.23	-17.59	-5.50	9.65	53.30	696.47	-0.48	129.93	214.89
19354	-8.47	-17.09	-5.50	6.51	51.00	646.89	2.97	145.49	189.62
19355	-9.66	-16.51	-5.50	3.73	48.10	590.76	6.12	155.94	161.44
19356	-10.81	-15.87	-5.50	1.19	44.70	528.66	8.90	160.77	130.95
19357	-11.91	-15.15	-5.50	-1.19	40.87	461.33	11.30	159.68	98.98
19358	-16.80	-9.56	-5.50	-22.59	14.69	11.00	14.14	21.26	-92.78
19359	-16.19	-10.65	-5.50	-17.31	18.79	93.43	14.30	58.36	-64.95
19360	-15.52	-11.69	-5.50	-12.40	23.11	171.75	14.92	90.70	-33.43
19361	-15.79	-9.48	-5.50	-22.69	19.90	42.40	11.26	31.83	-117.18
19362	-15.37	-10.42	-5.50	-18.67	22.81	117.94	10.29	59.35	-91.25
19363	-14.91	-11.34	-5.50	-14.85	25.51	188.88	9.73	84.77	-61.78
19364	-14.78	-9.40	-5.50	-20.47	25.00	72.37	7.97	34.93	-141.19
19365	-14.55	-10.21	-5.50	-17.30	27.13	136.15	7.10	55.34	-117.62
19366	-14.30	-11.00	-5.50	-14.66	28.66	196.57	6.27	75.21	-90.43
19367	-12.93	-14.37	-5.50	-3.49	36.99	391.87	13.34	152.26	66.16
19368	-12.65	-13.39	-5.50	-4.98	34.81	391.27	3.68	125.74	-0.66
19369	-12.36	-12.43	-5.50	-2.50	37.22	355.17	1.10	97.19	-63.30
19370	-13.86	-13.54	-5.50	-5.92	32.44	321.06	14.54	138.07	33.22
19371	-13.48	-12.78	-5.50	-8.53	31.76	325.38	6.16	117.62	-18.35
19372	-13.10	-12.03	-5.50	-7.30	34.06	305.25	2.84	94.81	-68.03
19373	-14.74	-12.66	-5.50	-8.90	27.65	247.30	15.15	118.25	0.97
19374	-14.28	-12.13	-5.50	-11.72	28.48	257.43	8.48	104.65	-36.18
19375	-13.81	-11.61	-5.50	-11.40	30.63	252.66	4.97	88.64	-73.85
19376	-11.69	-9.49	-6.90	34.23	22.70	98.00	-14.01	42.47	-197.69
19377	-12.72	-9.44	-6.90	28.45	19.92	78.68	-14.76	43.09	-179.81
19378	-13.76	-9.39	-6.90	24.15	16.65	54.76	-15.09	41.92	-161.09
19379	-11.91	-10.47	-6.90	28.75	13.98	162.98	-14.78	61.81	-157.43
19380	-12.81	-10.33	-6.90	25.00	12.48	136.76	-15.16	61.54	-145.91
19381	-13.70	-10.18	-6.90	22.31	10.84	106.97	-15.16	58.86	-134.13
19382	-12.11	-11.46	-6.90	23.73	5.00	223.79	-15.02	81.35	-111.80
19383	-12.88	-11.21	-6.90	21.72	4.89	191.08	-15.07	80.04	-108.21
19384	-13.63	-10.96	-6.90	20.61	4.98	156.06	-14.61	76.12	-103.74
19385	-0.57	-9.89	-6.90	93.73	28.86	160.21	19.96	-7.04	-303.63
19386	-1.70	-9.88	-6.90	90.19	28.87	160.28	14.85	-0.19	-300.44
19387	-2.84	-9.86	-6.90	86.03	28.99	159.66	9.99	6.38	-295.38
19388	-3.96	-9.83	-6.90	81.23	29.13	158.18	5.45	12.64	-288.51
19389	-5.08	-9.80	-6.90	75.79	29.21	155.61	1.29	18.53	-279.90
19390	-6.20	-9.76	-6.90	69.71	29.13	151.69	-2.45	23.99	-269.65
19391	-7.31	-9.71	-6.90	63.05	28.78	146.08	-5.73	28.96	-257.89
19392	-8.42	-9.66	-6.90	55.90	28.06	138.35	-8.53	33.38	-244.74
19393	-9.52	-9.60	-6.90	48.46	26.88	127.97	-10.83	37.16	-230.30
19394	-10.62	-9.54	-6.90	41.02	25.19	114.30	-12.65	40.22	-214.78
19395	-0.60	-11.68	-6.90	75.30	13.85	307.15	13.80	-6.75	-225.08
19396	-1.80	-11.64	-6.90	71.93	14.34	304.09	9.51	4.59	-223.09
19397	-2.99	-11.58	-6.90	68.29	14.90	299.01	5.43	15.32	-219.90
19398	-4.16	-11.50	-6.90	64.35	15.50	291.77	1.60	25.24	-215.57
19399	-5.32	-11.40	-6.90	60.03	16.05	282.19	-1.92	34.21	-210.15
19400	-6.47	-11.28	-6.90	55.32	16.47	270.05	-5.12	42.09	-203.68
19401	-7.60	-11.15	-6.90	50.19	16.68	255.07	-7.95	48.80	-196.21
19402	-8.72	-10.99	-6.90	44.73	16.58	236.91	-10.37	54.21	-187.80
19403	-9.83	-10.82	-6.90	39.09	16.14	215.13	-12.34	58.21	-178.56
19404	-10.92	-10.63	-6.90	33.53	15.37	189.23	-13.81	60.65	-168.61

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]
19405	-0.63	-13.48	-6.90	59.99	-1.68	454.21	7.40	-5.76	-133.57
19406	-1.88	-13.42	-6.90	56.47	-0.71	448.42	3.92	9.93	-132.83
19407	-3.11	-13.32	-6.90	53.01	0.24	439.00	0.64	24.68	-131.77
19408	-4.33	-13.19	-6.90	49.54	1.14	425.85	-2.43	38.21	-130.39
19409	-5.53	-13.03	-6.90	45.97	2.00	408.84	-5.28	50.28	-128.67
19410	-6.70	-12.83	-6.90	42.22	2.79	387.84	-7.89	60.70	-126.60
19411	-7.86	-12.61	-6.90	38.30	3.48	362.66	-10.19	69.30	-124.16
19412	-8.99	-12.35	-6.90	34.24	4.05	333.10	-12.13	75.90	-121.38
19413	-10.11	-12.06	-6.90	30.21	4.50	298.95	-13.63	80.25	-118.29
19414	-11.19	-11.74	-6.90	26.46	4.92	260.10	-14.55	81.81	-115.24
19415	-0.65	-15.28	-6.90	45.81	-20.44	591.55	0.99	-3.63	-24.12
19416	-1.95	-15.20	-6.90	41.97	-18.86	583.47	-1.79	16.42	-24.80
19417	-3.22	-15.07	-6.90	38.46	-17.36	569.82	-4.30	35.27	-26.20
19418	-4.47	-14.90	-6.90	35.20	-15.87	550.60	-6.56	52.57	-28.29
19419	-5.71	-14.67	-6.90	32.13	-14.35	525.78	-8.60	67.95	-31.04
19420	-6.91	-14.40	-6.90	29.21	-12.76	495.40	-10.37	81.11	-34.39
19421	-8.09	-14.08	-6.90	26.44	-11.08	459.49	-11.84	91.75	-38.33
19422	-9.24	-13.72	-6.90	23.88	-9.28	418.18	-12.95	99.56	-42.81
19423	-10.36	-13.31	-6.90	21.64	-7.37	371.68	-13.62	104.13	-47.83
19424	-11.45	-12.86	-6.90	19.90	-5.42	320.39	-13.81	104.91	-53.14
19425	-0.67	-17.07	-6.90	29.11	-35.78	686.37	-4.50	0.15	110.89
19426	-1.99	-16.99	-6.90	25.10	-33.65	676.94	-6.13	24.82	108.30
19427	-3.30	-16.84	-6.90	21.75	-31.47	660.20	-7.38	48.05	103.40
19428	-4.59	-16.62	-6.90	19.04	-29.19	636.29	-8.31	69.29	96.25
19429	-5.85	-16.34	-6.90	16.94	-26.79	605.41	-8.96	88.03	86.96
19430	-7.09	-15.99	-6.90	15.42	-24.24	567.86	-9.38	103.77	75.66
19431	-8.29	-15.58	-6.90	14.46	-21.52	524.03	-9.59	116.06	62.51
19432	-9.46	-15.11	-6.90	14.06	-18.64	474.41	-9.63	124.45	47.70
19433	-10.60	-14.58	-6.90	14.22	-15.65	419.66	-9.52	128.50	31.52
19434	-11.69	-14.00	-6.90	14.90	-12.61	360.58	-9.31	127.75	14.31
19435	-0.68	-18.88	-6.90	7.19	-24.43	684.68	-7.27	4.77	253.82
19436	-2.02	-18.79	-6.90	3.58	-22.60	676.01	-5.96	33.08	249.08
19437	-3.36	-18.61	-6.90	1.30	-21.05	660.17	-4.37	59.69	239.93
19438	-4.68	-18.35	-6.90	0.25	-19.79	637.33	-2.69	83.90	226.59
19439	-5.97	-18.01	-6.90	0.34	-18.74	607.72	-1.10	105.05	209.36
19440	-7.23	-17.59	-6.90	1.41	-17.81	571.66	0.22	122.47	188.65
19441	-8.47	-17.09	-6.90	3.30	-16.91	529.56	1.12	135.63	164.91
19442	-9.66	-16.51	-6.90	5.79	-15.90	481.88	1.50	144.03	138.65
19443	-10.81	-15.87	-6.90	8.66	-14.69	429.19	1.29	147.29	110.46
19444	-11.91	-15.15	-6.90	11.70	-13.19	372.17	0.49	145.23	81.09
19445	-16.80	-9.56	-6.90	21.37	7.03	-13.02	-13.92	18.71	-91.53
19446	-16.19	-10.65	-6.90	21.21	1.66	58.01	-11.28	52.11	-66.39
19447	-15.52	-11.69	-6.90	20.76	-2.83	125.64	-8.16	81.01	-38.15
19448	-15.79	-9.48	-6.90	21.65	9.66	8.63	-14.50	31.07	-115.46
19449	-15.37	-10.42	-6.90	20.80	4.35	73.10	-13.25	56.81	-90.65
19450	-14.91	-11.34	-6.90	19.94	-0.39	133.74	-11.48	79.98	-63.05
19451	-14.78	-9.40	-6.90	22.16	13.08	30.86	-15.00	38.24	-138.71
19452	-14.55	-10.21	-6.90	21.20	8.00	85.77	-14.56	57.60	-115.21
19453	-14.30	-11.00	-6.90	19.91	3.02	137.38	-13.71	75.93	-88.78
19454	-12.93	-14.37	-6.90	14.58	-11.21	313.25	-0.75	137.62	51.15
19455	-12.65	-13.39	-6.90	15.90	-9.62	302.98	-9.19	122.26	-3.62
19456	-12.36	-12.43	-6.90	18.85	-3.67	272.48	-13.56	102.26	-58.80
19457	-13.86	-13.54	-6.90	17.15	-9.10	253.07	-2.68	124.26	21.42
19458	-13.48	-12.78	-6.90	17.24	-7.01	247.90	-9.43	112.76	-21.53
19459	-13.10	-12.03	-6.90	18.75	-2.09	229.38	-13.41	97.77	-65.10
19460	-14.74	-12.66	-6.90	19.11	-6.57	190.38	-5.13	105.95	-7.56
19461	-14.28	-12.13	-6.90	18.49	-4.32	191.44	-9.96	99.00	-39.12
19462	-13.81	-11.61	-6.90	19.14	-0.45	184.85	-13.15	89.43	-72.14
19463	-11.69	-9.49	-8.30	69.28	10.21	48.14	-29.28	49.94	-177.81
19464	-12.72	-9.44	-8.30	66.00	10.11	32.27	-32.19	48.52	-161.09
19465	-13.76	-9.39	-8.30	63.70	9.86	13.15	-34.61	44.68	-143.69
19466	-11.91	-10.47	-8.30	60.34	-4.89	105.14	-29.40	66.95	-138.51
19467	-12.81	-10.33	-8.30	59.23	-3.04	83.16	-31.59	64.77	-128.29
19468	-13.70	-10.18	-8.30	58.77	-1.12	58.87	-33.42	59.85	-117.92
19469	-12.11	-11.46	-8.30	52.42	-18.74	158.11	-28.42	83.43	-94.93
19470	-12.88	-11.21	-8.30	53.06	-15.20	130.70	-30.12	80.46	-92.55
19471	-13.63	-10.96	-8.30	54.14	-11.44	101.94	-31.49	74.76	-89.40
19472	-0.57	-9.89	-8.30	104.96	5.35	96.38	29.61	0.72	-277.09
19473	-1.70	-9.88	-8.30	103.46	5.30	96.77	21.90	7.70	-274.30
19474	-2.84	-9.86	-8.30	101.38	5.60	96.70	14.47	14.49	-269.71
19475	-3.96	-9.83	-8.30	98.70	6.14	95.99	7.37	21.02	-263.37
19476	-5.08	-9.80	-8.30	95.45	6.85	94.43	0.67	27.25	-255.35
19477	-6.20	-9.76	-8.30	91.65	7.64	91.73	-5.60	33.07	-245.76
19478	-7.31	-9.71	-8.30	87.37	8.44	87.55	-11.39	38.36	-234.69
19479	-8.42	-9.66	-8.30	82.75	9.16	81.49	-16.67	42.94	-222.26
19480	-9.52	-9.60	-8.30	77.98	9.75	73.06	-21.43	46.58	-208.60
19481	-10.62	-9.54	-8.30	73.33	10.20	61.70	-25.65	49.00	-193.96
19482	-0.60	-11.68	-8.30	78.39	-24.76	228.03	22.90	1.23	-200.70
19483	-1.80	-11.64	-8.30	77.30	-24.12	225.67	15.97	12.34	-199.07
19484	-2.99	-11.58	-8.30	76.00	-23.01	221.62	9.29	22.92	-196.20
19485	-4.16	-11.50	-8.30	74.48	-21.47	215.72	2.93	32.80	-192.17
19486	-5.32	-11.40	-8.30	72.73	-19.57	207.76	-3.08	41.83	-187.06
19487	-6.47	-11.28	-8.30	70.73	-17.40	197.50	-8.71	49.84	-180.95
19488	-7.60	-11.15	-8.30	68.53	-15.01	184.67	-13.90	56.64	-173.91
19489	-8.72	-10.99	-8.30	66.22	-12.49	168.96	-18.62	62.00	-166.07
19490	-9.83	-10.82	-8.30	63.95	-9.85	150.04	-22.81	65.64	-157.58
19491	-10.92	-10.63	-8.30	61.92	-7.08	127.62	-26.48	67.21	-148.60
19492	-0.63	-13.48	-8.30	55.17	-52.71	359.02	16.20	2.45	-109.82
19493	-1.88	-13.42	-8.30	54.15	-51.49	354.24	10.18	17.68	-109.49
19494	-3.11	-13.32	-8.30	53.32	-49.68	346.20	4.43	32.04	-108.74
19495	-4.33	-13.19	-8.30	52.65	-47.30	334.80	-1.03	45.25	-107.63
19496	-5.53	-13.03	-8.30	52.08	-44.39	319.90	-6.18	57.08	-106.23
19497	-6.70	-12.83	-8.30	51.62	-40.98	301.36	-10.99	67.25	-104.56
19498	-7.86	-12.61	-8.30	51.27	-37.12	279.06	-15.42	75.53	-102.72
19499	-8.99	-12.35	-8.30	51.09	-32.84	252.90	-19.44	81.61	-100.76
19500	-10.11	-12.06	-8.30	51.18	-28.18	222.88	-23.00	85.10	-98.77
19501	-11.19	-11.74	-8.30	51.63	-23.12	189.14	-26.04	85.40	-97.08
19502	-0.65	-15.28	-8.30	33.97	-76.63	476.84	9.94	4.49	-2.68
19503	-1.95	-15.20	-8.30	32.89	-74.91	470.17	5.07	23.79	-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]
19504	-3.22	-15.07	-8.30	32.38	-72.48	458.47	0.51	41.91	-5.80
19505	-4.47	-14.90	-8.30	32.41	-69.35	441.76	-3.75	58.45	-8.49
19506	-5.71	-14.67	-8.30	32.94	-65.51	420.05	-7.73	73.03	-11.94
19507	-6.91	-14.40	-8.30	33.96	-61.00	393.41	-11.44	85.29	-16.14
19508	-8.09	-14.08	-8.30	35.45	-55.82	361.97	-14.86	94.87	-21.09
19509	-9.24	-13.72	-8.30	37.40	-50.02	325.96	-18.02	101.42	-26.75
19510	-10.36	-13.31	-8.30	39.81	-43.66	285.79	-20.90	104.53	-33.08
19511	-11.45	-12.86	-8.30	42.58	-36.82	242.03	-23.52	103.70	-39.78
19512	-0.67	-17.07	-8.30	13.05	-88.11	556.82	4.92	7.15	117.70
19513	-1.99	-16.99	-8.30	12.00	-86.22	549.25	1.89	30.14	114.74
19514	-3.30	-16.84	-8.30	11.98	-83.63	535.32	-0.83	51.67	109.43
19515	-4.59	-16.62	-8.30	12.95	-80.33	515.16	-3.33	71.18	101.84
19516	-5.85	-16.34	-8.30	14.86	-76.34	488.98	-5.68	88.15	92.12
19517	-7.09	-15.99	-8.30	17.64	-71.66	457.06	-7.97	102.10	80.44
19518	-8.29	-15.58	-8.30	21.19	-66.29	419.78	-10.28	112.59	67.02
19519	-9.46	-15.11	-8.30	25.40	-60.23	377.63	-12.68	119.25	52.09
19520	-10.60	-14.58	-8.30	30.11	-53.50	331.26	-15.24	121.77	35.97
19521	-11.69	-14.00	-8.30	35.10	-46.15	281.46	-17.96	119.81	19.04
19522	-0.68	-18.88	-8.30	-8.62	-75.32	571.20	1.94	9.43	230.68
19523	-2.02	-18.79	-8.30	-9.34	-73.99	564.30	1.88	34.45	226.18
19524	-3.36	-18.61	-8.30	-8.47	-72.48	551.17	1.97	57.87	217.70
19525	-4.68	-18.35	-8.30	-6.09	-70.76	531.93	1.99	79.07	205.46
19526	-5.97	-18.01	-8.30	-2.36	-68.74	506.78	1.72	97.44	189.79
19527	-7.23	-17.59	-8.30	2.54	-66.31	475.95	0.97	112.42	171.07
19528	-8.47	-17.09	-8.30	8.38	-63.32	439.78	-0.42	123.53	149.75
19529	-9.66	-16.51	-8.30	14.90	-59.62	398.64	-2.57	130.40	126.30
19530	-10.81	-15.87	-8.30	21.79	-55.04	353.05	-5.51	132.74	101.20
19531	-11.91	-15.15	-8.30	28.73	-49.43	303.59	-9.20	130.45	75.08
19532	-16.80	-9.56	-8.30	58.81	8.45	-34.06	-38.37	16.49	-78.85
19533	-16.19	-10.65	-8.30	55.14	-4.63	28.57	-33.72	46.50	-56.42
19534	-15.52	-11.69	-8.30	51.27	-16.28	88.32	-28.50	72.37	-31.21
19535	-15.79	-9.48	-8.30	60.95	8.46	-19.86	-37.67	29.05	-101.34
19536	-15.37	-10.42	-8.30	56.67	-3.43	36.34	-34.40	52.57	-78.57
19537	-14.91	-11.34	-8.30	52.44	-14.17	89.50	-30.61	73.44	-53.41
19538	-14.78	-9.40	-8.30	62.34	9.23	-4.68	-36.55	38.11	-122.95
19539	-14.55	-10.21	-8.30	58.22	-1.36	43.19	-34.47	55.82	-100.88
19540	-14.30	-11.00	-8.30	53.80	-11.32	88.39	-31.87	72.31	-76.36
19541	-12.93	-14.37	-8.30	35.25	-42.79	252.29	-13.36	123.35	48.39
19542	-12.65	-13.39	-8.30	39.79	-38.71	232.94	-20.76	113.72	1.73
19543	-12.36	-12.43	-8.30	45.19	-30.66	201.61	-25.58	99.65	-46.51
19544	-13.86	-13.54	-8.30	41.19	-35.28	199.78	-18.04	111.28	21.90
19545	-13.48	-12.78	-8.30	44.12	-31.45	186.57	-23.67	104.24	-15.16
19546	-13.10	-12.03	-8.30	47.80	-25.13	165.68	-27.54	94.10	-53.37
19547	-14.74	-12.66	-8.30	46.36	-26.76	145.14	-23.09	94.79	-3.97
19548	-14.28	-12.13	-8.30	48.03	-23.71	139.11	-26.76	90.99	-31.59
19549	-13.81	-11.61	-8.30	50.49	-19.18	128.89	-29.45	85.05	-60.62
19550	-21.43	-9.79	-2.70	-36.91	-32.88	0.42	58.22	-13.12	35.49
19551	-20.65	-11.34	-2.70	-45.24	-27.24	0.31	56.92	-16.44	32.89
19552	-19.76	-12.83	-2.70	-53.55	-22.23	0.01	55.22	-19.19	30.05
19553	-18.76	-14.25	-2.70	-61.54	-17.70	-0.14	52.84	-21.46	26.90
19554	-17.66	-15.59	-2.70	-68.98	-13.63	-0.29	49.74	-23.14	23.38
19555	-16.47	-16.85	-2.70	-75.66	-10.01	-0.45	45.93	-24.20	19.60
19556	-15.18	-18.02	-2.70	-81.42	-6.84	-0.62	41.49	-24.61	15.68
19557	-13.81	-19.09	-2.70	-86.09	-4.17	-0.78	36.52	-24.37	11.73
19558	-12.37	-20.05	-2.70	-89.53	-2.03	-0.95	31.13	-23.47	7.86
19559	-10.86	-20.91	-2.70	-91.59	-0.44	-1.11	25.45	-21.94	4.19
19560	-9.29	-21.65	-2.70	-92.15	0.60	-1.26	19.66	-19.84	0.82
19561	-7.67	-22.28	-2.70	-91.13	1.08	-1.39	13.94	-17.24	-2.15
19562	-6.01	-22.78	-2.70	-88.50	1.03	-1.49	8.52	-14.21	-4.64
19563	-4.32	-23.17	-2.70	-84.27	0.54	-1.56	3.63	-10.82	-6.60
19564	-2.60	-23.42	-2.70	-78.43	-0.27	-1.61	-0.52	-7.16	-7.98
19565	-0.87	-23.55	-2.70	-71.03	-1.21	-1.66	-3.74	-3.37	-8.73
19566	-20.51	-9.75	-2.70	-85.90	13.83	-2.47	103.63	-10.46	16.94
19567	-19.75	-11.21	-2.70	-97.31	25.10	-0.89	94.28	-10.53	15.95
19568	-18.89	-12.62	-2.70	-106.96	34.33	0.51	83.70	-10.57	15.20
19569	-17.92	-13.96	-2.70	-114.72	41.28	1.93	72.25	-10.53	14.39
19570	-16.86	-15.22	-2.70	-120.32	45.95	3.24	60.27	-10.40	13.44
19571	-15.71	-16.41	-2.70	-123.62	48.45	4.45	48.13	-10.15	12.39
19572	-14.48	-17.51	-2.70	-124.62	48.93	5.55	36.23	-9.78	11.29
19573	-13.17	-18.52	-2.70	-123.40	47.60	6.55	24.95	-9.28	10.17
19574	-11.79	-19.42	-2.70	-120.11	44.76	7.45	14.61	-8.64	9.07
19575	-10.35	-20.23	-2.70	-114.98	40.72	8.24	5.50	-7.87	8.04
19576	-8.85	-20.93	-2.70	-108.24	35.83	8.92	-2.17	-6.98	7.10
19577	-7.30	-21.52	-2.70	-100.20	30.46	9.50	-8.25	-5.98	6.29
19578	-5.72	-21.99	-2.70	-91.14	24.95	9.98	-12.63	-4.90	5.63
19579	-4.11	-22.35	-2.70	-81.35	19.70	10.36	-15.30	-3.72	5.14
19580	-2.47	-22.59	-2.70	-71.01	15.04	10.63	-16.31	-2.48	4.82
19581	-0.83	-22.71	-2.70	-60.27	11.30	10.75	-15.83	-1.21	4.66
19582	-19.60	-9.70	-2.70	-134.93	52.33	-4.15	129.76	-14.30	6.36
19583	-18.85	-11.08	-2.70	-140.19	69.84	-0.59	116.20	-9.10	8.07
19584	-18.01	-12.41	-2.70	-143.81	84.49	2.59	101.61	-4.51	10.46
19585	-17.08	-13.67	-2.70	-145.50	96.17	5.68	86.31	-0.60	13.19
19586	-16.06	-14.85	-2.70	-145.06	104.93	8.61	70.68	2.68	16.15
19587	-14.95	-15.97	-2.70	-142.39	110.89	11.37	55.15	5.29	19.30
19588	-13.77	-17.00	-2.70	-137.52	114.21	13.97	40.14	7.24	22.54
19589	-12.52	-17.94	-2.70	-130.60	115.17	16.38	26.08	8.54	25.79
19590	-11.20	-18.79	-2.70	-121.87	114.10	18.57	13.30	9.20	28.98
19591	-9.83	-19.55	-2.70	-111.63	111.37	20.55	2.07	9.25	32.02
19592	-8.41	-20.20	-2.70	-100.19	107.37	22.28	-7.43	8.74	34.83
19593	-6.94	-20.76	-2.70	-87.90	102.49	23.76	-15.08	7.72	37.34
19594	-5.43	-21.20	-2.70	-75.06	97.11	24.97	-20.83	6.26	39.50
19595	-3.90	-21.54	-2.70	-61.96	91.61	25.92	-24.69	4.43	41.22
19596	-2.35	-21.76	-2.70	-48.81	86.33	26.57	-26.81	2.34	42.44
19597	-0.78	-21.87	-2.70	-35.74	81.56	26.92	-27.39	0.06	43.10
19598	-18.68	-9.66	-2.70	-183.99	87.01	-10.06	141.28	-17.83	-9.30
19599	-17.95	-10.95	-2.70	-169.76	114.15	-4.57	130.72	-2.14	-1.29
19600	-17.14	-12.19	-2.70	-156.64	139.30	0.29	119.90	11.42	7.93
19601	-16.24	-13.37	-2.70	-144.13	162.65	4.72	108.73	22.87	18.35
19602	-15.26	-14.48	-2.70	-132.02	184.13	8.72	97.21	32.24	29.69

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]
19603	-14.20	-15.53	-2.70	-120.15	203.81	12.43	85.33	39.42	41.79
19604	-13.07	-16.49	-2.70	-108.39	221.53	15.76	73.15	44.40	54.22
19605	-11.88	-17.37	-2.70	-96.70	237.38	18.85	60.77	47.19	66.81
19606	-10.62	-18.17	-2.70	-85.06	251.30	21.72	48.15	47.72	79.24
19607	-9.32	-18.87	-2.70	-73.43	263.12	24.27	35.35	46.14	91.03
19608	-7.96	-19.48	-2.70	-61.71	272.76	26.53	22.42	42.56	101.93
19609	-6.57	-19.99	-2.70	-49.75	280.09	28.46	9.48	37.18	111.64
19610	-5.14	-20.41	-2.70	-37.45	285.00	30.05	-3.32	30.20	119.88
19611	-3.69	-20.72	-2.70	-24.65	287.37	31.29	-15.80	21.92	126.39
19612	-2.22	-20.93	-2.70	-11.27	287.14	32.13	-27.76	12.62	130.95
19613	-0.74	-21.03	-2.70	2.82	284.27	32.58	-39.03	2.67	133.39
19614	-17.76	-9.62	-2.70	-215.46	130.97	7.44	146.67	-14.34	-1.87
19615	-17.06	-10.82	-2.70	-154.56	186.99	80.62	150.63	43.21	34.49
19616	-16.27	-11.98	-2.70	-101.08	244.37	149.37	155.45	92.97	76.28
19617	-15.40	-13.08	-2.70	-54.55	303.28	215.65	160.12	135.23	122.62
19618	-14.46	-14.11	-2.70	-14.61	363.78	280.18	163.42	169.14	173.77
19619	-13.44	-15.08	-2.70	19.01	424.80	342.20	164.55	194.71	227.32
19620	-12.37	-15.98	-2.70	47.08	486.37	402.13	162.71	212.03	283.23
19621	-11.23	-16.80	-2.70	69.71	547.59	458.77	156.88	219.66	340.41
19622	-10.04	-17.54	-2.70	87.52	606.43	510.72	146.32	217.96	395.98
19623	-8.80	-18.19	-2.70	101.59	661.84	557.78	130.62	207.27	448.95
19624	-7.52	-18.76	-2.70	113.06	712.29	599.42	109.56	187.98	497.84
19625	-6.20	-19.23	-2.70	123.14	756.19	635.21	83.31	160.81	541.21
19626	-4.86	-19.62	-2.70	133.08	792.05	664.81	52.33	126.70	577.78
19627	-3.49	-19.90	-2.70	144.02	818.45	687.92	17.45	86.82	606.44
19628	-2.10	-20.10	-2.70	156.97	834.28	704.38	-20.22	42.49	626.30
19629	-0.70	-20.20	-2.70	172.60	838.53	713.83	-59.42	-5.06	636.39
19630	-21.43	-9.79	-4.10	-20.01	-21.76	-1.89	25.53	-34.56	80.47
19631	-20.65	-11.34	-4.10	-23.04	-23.85	-0.33	28.77	-38.93	76.66
19632	-19.76	-12.83	-4.10	-27.41	-25.16	0.97	32.52	-42.51	71.90
19633	-18.76	-14.25	-4.10	-32.95	-25.30	2.41	36.24	-45.25	66.47
19634	-17.66	-15.59	-4.10	-39.51	-24.12	3.74	39.50	-47.09	60.47
19635	-16.47	-16.85	-4.10	-46.90	-21.70	4.90	41.97	-47.95	54.07
19636	-15.18	-18.02	-4.10	-54.88	-18.20	5.88	43.41	-47.78	47.46
19637	-13.81	-19.09	-4.10	-63.13	-13.82	6.72	43.58	-46.57	40.83
19638	-12.37	-20.05	-4.10	-71.27	-8.85	7.43	42.33	-44.32	34.35
19639	-10.86	-20.91	-4.10	-78.86	-3.58	8.01	39.55	-41.06	28.22
19640	-9.29	-21.65	-4.10	-85.40	1.61	8.47	35.27	-36.91	22.62
19641	-7.67	-22.28	-4.10	-90.45	6.37	8.85	29.64	-31.98	17.71
19642	-6.01	-22.78	-4.10	-93.63	10.37	9.18	22.94	-26.41	13.62
19643	-4.32	-23.17	-4.10	-94.63	13.36	9.49	15.52	-20.29	10.43
19644	-2.60	-23.42	-4.10	-93.24	15.18	9.72	7.83	-13.78	8.21
19645	-0.87	-23.55	-4.10	-89.32	15.78	9.73	0.33	-7.14	6.99
19646	-20.51	-9.75	-4.10	-52.09	-0.67	-12.11	48.36	-32.67	41.80
19647	-19.75	-11.21	-4.10	-51.38	2.87	-3.99	49.27	-27.72	42.52
19648	-18.89	-12.62	-4.10	-51.95	6.90	3.84	50.43	-23.14	43.57
19649	-17.92	-13.96	-4.10	-53.67	11.60	11.39	51.46	-19.01	44.83
19650	-16.86	-15.22	-4.10	-56.34	17.03	18.49	52.04	-15.32	46.20
19651	-15.71	-16.41	-4.10	-59.79	23.13	25.08	51.92	-12.11	47.66
19652	-14.48	-17.51	-4.10	-63.80	29.77	31.16	50.86	-9.37	49.19
19653	-13.17	-18.52	-4.10	-68.12	36.78	36.72	48.69	-7.07	50.74
19654	-11.79	-19.42	-4.10	-72.42	43.91	41.73	45.28	-5.21	52.28
19655	-10.35	-20.23	-4.10	-76.31	50.88	46.17	40.53	-3.75	53.79
19656	-8.85	-20.93	-4.10	-79.39	57.35	50.03	34.47	-2.69	55.24
19657	-7.30	-21.52	-4.10	-81.25	62.98	53.31	27.27	-2.02	56.60
19658	-5.72	-21.99	-4.10	-81.56	67.46	56.03	19.17	-1.68	57.84
19659	-4.11	-22.35	-4.10	-80.02	70.54	58.18	10.53	-1.61	58.90
19660	-2.47	-22.59	-4.10	-76.39	72.06	59.70	1.75	-1.71	59.70
19661	-0.83	-22.71	-4.10	-70.50	71.96	60.46	-6.75	-2.01	60.18
19662	-19.60	-9.70	-4.10	-80.08	15.99	-18.30	60.51	-35.53	11.30
19663	-18.85	-11.08	-4.10	-70.21	25.70	-4.81	62.35	-17.08	19.28
19664	-18.01	-12.41	-4.10	-62.69	36.27	8.06	64.63	-0.83	29.01
19665	-17.08	-13.67	-4.10	-57.34	47.84	20.26	66.86	13.13	40.09
19666	-16.06	-14.85	-4.10	-54.03	60.42	31.76	68.56	24.70	52.26
19667	-14.95	-15.97	-4.10	-52.55	73.90	42.53	69.33	33.78	65.19
19668	-13.77	-17.00	-4.10	-52.63	88.04	52.56	68.78	40.33	78.56
19669	-12.52	-17.94	-4.10	-53.91	102.55	61.82	66.60	44.36	92.03
19670	-11.20	-18.79	-4.10	-55.99	117.05	70.27	62.52	45.91	105.23
19671	-9.83	-19.55	-4.10	-58.31	131.02	77.82	56.38	45.07	117.82
19672	-8.41	-20.20	-4.10	-60.31	143.90	84.43	48.19	42.01	129.45
19673	-6.94	-20.76	-4.10	-61.40	155.15	90.06	38.09	36.93	139.84
19674	-5.43	-21.20	-4.10	-61.08	164.25	94.69	26.42	30.08	148.70
19675	-3.90	-21.54	-4.10	-58.87	170.77	98.28	13.59	21.80	155.75
19676	-2.35	-21.76	-4.10	-54.38	174.37	100.79	0.14	12.44	160.76
19677	-0.78	-21.87	-4.10	-47.31	174.85	102.11	-13.32	2.32	163.50
19678	-18.68	-9.66	-4.10	-93.87	28.36	-23.05	64.57	-30.23	-18.17
19679	-17.95	-10.95	-4.10	-71.33	46.51	11.46	69.92	9.56	3.82
19680	-17.14	-12.19	-4.10	-52.61	66.39	44.05	75.98	44.20	29.52
19681	-16.24	-13.37	-4.10	-37.71	88.08	75.03	82.04	73.66	58.44
19682	-15.26	-14.48	-4.10	-26.58	111.54	104.56	87.31	97.60	90.00
19683	-14.20	-15.53	-4.10	-18.93	136.41	132.60	91.04	115.75	123.40
19684	-13.07	-16.49	-4.10	-14.32	162.28	159.11	92.71	128.04	157.82
19685	-11.88	-17.37	-4.10	-12.37	188.70	183.91	91.76	134.32	192.47
19686	-10.62	-18.17	-4.10	-12.43	214.90	206.69	87.69	134.59	226.34
19687	-9.32	-18.87	-4.10	-13.66	240.01	227.21	80.27	129.13	258.47
19688	-7.96	-19.48	-4.10	-15.24	263.16	245.30	69.50	118.34	288.05
19689	-6.57	-19.99	-4.10	-16.32	283.46	260.81	55.56	102.70	314.28
19690	-5.14	-20.41	-4.10	-16.08	300.10	273.59	38.85	82.83	336.46
19691	-3.69	-20.72	-4.10	-13.82	312.33	283.53	19.96	59.47	353.94
19692	-2.22	-20.93	-4.10	-8.91	319.58	290.49	-0.35	33.44	366.16
19693	-0.74	-21.03	-4.10	-0.91	321.42	294.40	-21.24	5.65	372.69
19694	-17.76	-9.62	-4.10	-86.83	33.91	-4.58	58.16	-3.48	-49.12
19695	-17.06	-10.82	-4.10	-66.20	53.93	72.34	59.87	48.44	-15.62
19696	-16.27	-11.98	-4.10	-47.73	74.83	145.89	62.19	94.04	23.15
19697	-15.40	-13.08	-4.10	-32.20	96.55	216.12	64.38	132.41	66.37
19698	-14.46	-14.11	-4.10	-19.57	118.59	282.94	65.59	162.52	112.88
19699	-13.44	-15.08	-4.10	-9.46	140.54	346.32	65.45	184.57	160.92
19700	-12.37	-15.98	-4.10	-1.57	161.95	406.29	63.73	198.44	210.07
19701	-11.23	-16.80	-4.10	4.37	182.77	462.33	60.17	203.60	259.19



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]
19702	-10.04	-17.54	-4.10	9.00	202.45	513.72	54.52	200.50	306.59
19703	-8.80	-18.19	-4.10	12.84	220.49	560.06	46.78	189.64	351.26
19704	-7.52	-18.76	-4.10	16.45	236.41	600.99	37.03	171.51	392.13
19705	-6.20	-19.23	-4.10	20.37	249.74	636.13	25.46	146.80	428.17
19706	-4.86	-19.62	-4.10	25.13	260.05	665.15	12.37	116.35	458.41
19707	-3.49	-19.90	-4.10	31.19	266.96	687.77	-1.81	81.16	482.04
19708	-2.10	-20.10	-4.10	38.89	270.19	703.78	-16.62	42.30	498.38
19709	-0.70	-20.20	-4.10	48.58	269.56	712.91	-31.55	0.89	506.75
19710	-21.43	-9.79	-5.50	-6.82	-2.61	-11.87	4.52	-50.19	101.76
19711	-20.65	-11.34	-5.50	-7.94	-11.62	-3.56	9.95	-52.18	97.89
19712	-19.76	-12.83	-5.50	-10.81	-18.52	4.72	16.33	-53.65	93.52
19713	-18.76	-14.25	-5.50	-15.56	-23.18	12.74	23.09	-54.42	88.48
19714	-17.66	-15.59	-5.50	-22.07	-25.49	20.21	29.63	-54.44	82.96
19715	-16.47	-16.85	-5.50	-30.20	-25.58	26.99	35.48	-53.70	77.16
19716	-15.18	-18.02	-5.50	-39.72	-23.65	33.11	40.21	-52.17	71.25
19717	-13.81	-19.09	-5.50	-50.26	-20.01	38.59	43.42	-49.81	65.38
19718	-12.37	-20.05	-5.50	-61.33	-15.01	43.46	44.76	-46.62	59.69
19719	-10.86	-20.91	-5.50	-72.31	-9.11	47.69	44.00	-42.63	54.34
19720	-9.29	-21.65	-5.50	-82.53	-2.83	51.30	41.05	-37.94	49.50
19721	-7.67	-22.28	-5.50	-91.33	3.28	54.33	36.01	-32.70	45.32
19722	-6.01	-22.78	-5.50	-98.18	8.72	56.89	29.17	-27.04	41.91
19723	-4.32	-23.17	-5.50	-102.62	13.03	59.02	20.95	-21.02	39.30
19724	-2.60	-23.42	-5.50	-104.30	15.90	60.59	11.88	-14.69	37.51
19725	-0.87	-23.55	-5.50	-102.92	17.17	61.23	2.55	-8.27	36.53
19726	-20.51	-9.75	-5.50	-21.56	0.92	-27.00	11.61	-50.48	56.01
19727	-19.75	-11.21	-5.50	-17.69	-3.54	-8.45	17.40	-39.02	58.85
19728	-18.89	-12.62	-5.50	-16.10	-5.87	9.67	24.07	-28.56	62.78
19729	-17.92	-13.96	-5.50	-16.78	-6.00	26.95	31.02	-19.23	67.39
19730	-16.86	-15.22	-5.50	-19.62	-3.87	43.19	37.67	-11.15	72.54
19731	-15.71	-16.41	-5.50	-24.47	0.38	58.29	43.51	-4.42	78.11
19732	-14.48	-17.51	-5.50	-31.10	6.54	72.23	48.05	0.96	83.93
19733	-13.17	-18.52	-5.50	-39.12	14.27	84.99	50.86	5.01	89.85
19734	-11.79	-19.42	-5.50	-48.01	23.15	96.51	51.56	7.79	95.69
19735	-10.35	-20.23	-5.50	-57.11	32.64	106.74	49.89	9.36	101.32
19736	-8.85	-20.93	-5.50	-65.72	42.12	115.61	45.77	9.77	106.60
19737	-7.30	-21.52	-5.50	-73.14	50.96	123.14	39.31	9.09	111.42
19738	-5.72	-21.99	-5.50	-78.77	58.57	129.35	30.83	7.42	115.65
19739	-4.11	-22.35	-5.50	-82.09	64.42	134.28	20.81	4.97	119.16
19740	-2.47	-22.59	-5.50	-82.68	68.13	137.79	9.85	1.98	121.75
19741	-0.83	-22.71	-5.50	-80.17	69.47	139.55	-1.37	-1.42	123.24
19742	-19.60	-9.70	-5.50	-31.57	4.62	-34.66	15.90	-47.16	15.26
19743	-18.85	-11.08	-5.50	-21.67	4.92	-5.69	23.10	-20.31	27.10
19744	-18.01	-12.41	-5.50	-14.68	7.58	22.16	31.20	3.48	41.69
19745	-17.08	-13.67	-5.50	-10.64	12.71	48.63	39.54	23.98	58.38
19746	-16.06	-14.85	-5.50	-9.52	20.26	73.67	47.43	40.94	76.73
19747	-14.95	-15.97	-5.50	-11.14	30.05	97.20	54.25	54.18	96.23
19748	-13.77	-17.00	-5.50	-15.18	41.79	119.17	59.41	63.61	116.36
19749	-12.52	-17.94	-5.50	-21.21	55.06	139.48	62.41	69.27	136.59
19750	-11.20	-18.79	-5.50	-28.62	69.31	157.99	62.78	71.24	156.36
19751	-9.83	-19.55	-5.50	-36.65	83.84	174.52	60.25	69.67	175.18
19752	-8.41	-20.20	-5.50	-44.48	97.90	188.96	54.74	64.81	192.56
19753	-6.94	-20.76	-5.50	-51.31	110.72	201.25	46.40	56.94	208.07
19754	-5.43	-21.20	-5.50	-56.44	121.59	211.33	35.59	46.45	221.32
19755	-3.90	-21.54	-5.50	-59.21	129.86	219.17	22.86	33.81	231.90
19756	-2.35	-21.76	-5.50	-59.11	135.03	224.64	8.91	19.57	239.44
19757	-0.78	-21.87	-5.50	-55.69	136.77	227.53	-5.49	4.25	243.61
19758	-18.68	-9.66	-5.50	-30.65	6.55	-36.74	17.13	-31.73	-24.24
19759	-17.95	-10.95	-5.50	-19.03	10.28	11.09	24.10	8.74	-2.07
19760	-17.14	-12.19	-5.50	-10.04	16.17	56.80	31.84	44.30	24.18
19761	-16.24	-13.37	-5.50	-3.97	24.28	100.31	39.68	74.57	53.77
19762	-15.26	-14.48	-5.50	-0.86	34.46	141.61	46.92	99.08	85.93
19763	-14.20	-15.53	-5.50	-0.47	46.46	180.65	52.94	117.54	119.77
19764	-13.07	-16.49	-5.50	-2.47	59.94	217.30	57.24	129.87	154.40
19765	-11.88	-17.37	-5.50	-6.45	74.52	251.36	59.38	136.06	189.00
19766	-10.62	-18.17	-5.50	-11.79	89.69	282.50	58.94	136.23	222.64
19767	-9.32	-18.87	-5.50	-17.76	104.76	310.44	55.71	130.67	254.45
19768	-7.96	-19.48	-5.50	-23.59	119.04	334.95	49.66	119.80	283.65
19769	-6.57	-19.99	-5.50	-28.54	131.81	355.86	40.96	104.12	309.52
19770	-5.14	-20.41	-5.50	-31.93	142.41	373.01	29.96	84.25	331.39
19771	-3.69	-20.72	-5.50	-33.15	150.27	386.28	17.20	60.93	348.64
19772	-2.22	-20.93	-5.50	-31.70	154.92	395.53	3.30	34.99	360.75
19773	-0.74	-21.03	-5.50	-27.19	156.03	400.60	-11.00	7.31	367.27
19774	-17.76	-9.62	-5.50	-25.21	9.75	-19.83	16.23	-2.33	-62.23
19775	-17.06	-10.82	-5.50	-16.41	14.67	52.28	19.87	41.57	-33.96
19776	-16.27	-11.98	-5.50	-9.23	20.78	121.43	24.01	80.18	-1.22
19777	-15.40	-13.08	-5.50	-4.05	28.12	187.52	28.16	112.69	35.32
19778	-14.46	-14.11	-5.50	-0.70	36.54	250.39	31.68	138.28	74.65
19779	-13.44	-15.08	-5.50	0.96	45.75	309.88	34.28	156.99	115.24
19780	-12.37	-15.98	-5.50	1.26	55.40	365.85	35.72	168.66	156.64
19781	-11.23	-16.80	-5.50	0.36	65.51	417.89	35.79	173.07	197.72
19782	-10.04	-17.54	-5.50	-1.29	75.60	465.49	34.17	170.57	237.24
19783	-8.80	-18.19	-5.50	-3.18	85.28	508.26	30.80	161.56	274.38
19784	-7.52	-18.76	-5.50	-4.84	94.14	545.86	25.72	146.49	308.26
19785	-6.20	-19.23	-5.50	-5.77	101.74	578.00	19.07	125.96	338.08
19786	-4.86	-19.62	-5.50	-5.54	107.71	604.42	11.12	100.66	363.08
19787	-3.49	-19.90	-5.50	-3.76	111.71	624.89	2.22	71.44	382.62
19788	-2.10	-20.10	-5.50	-0.10	113.49	639.22	-7.19	39.20	396.12
19789	-0.70	-20.20	-5.50	5.68	112.84	647.23	-16.68	4.89	403.09
19790	-21.43	-9.79	-6.90	3.17	17.85	-29.58	-10.66	-58.69	111.23
19791	-20.65	-11.34	-6.90	2.79	3.82	-9.34	-4.60	-58.49	107.75
19792	-19.76	-12.83	-6.90	0.63	-7.61	10.92	2.70	-58.01	103.89
19793	-18.76	-14.25	-6.90	-3.58	-16.16	30.34	10.63	-56.95	99.46
19794	-17.66	-15.59	-6.90	-9.81	-21.81	48.39	18.58	-55.37	94.69
19795	-16.47	-16.85	-6.90	-18.00	-24.73	64.91	26.04	-53.30	89.82
19796	-15.18	-18.02	-6.90	-27.97	-25.15	79.95	32.53	-50.76	84.98
19797	-13.81	-19.09	-6.90	-39.39	-23.38	93.56	37.55	-47.67	80.23
19798	-12.37	-20.05	-6.90	-51.73	-19.78	105.73	40.65	-43.99	75.67
19799	-10.86	-20.91	-6.90	-64.30	-14.83	116.41	41.49	-39.74	71.42
19800	-9.29	-21.65	-6.90	-76.32	-9.11	125.58	39.88	-35.02	67.63

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]
19801	-7.67	-22.28	-6.90	-87.05	-3.24	133.30	35.89	-30.03	64.44
19802	-6.01	-22.78	-6.90	-95.86	2.18	139.76	29.77	-24.90	61.92
19803	-4.32	-23.17	-6.90	-102.34	6.63	145.12	21.97	-19.65	60.09
19804	-2.60	-23.42	-6.90	-106.08	9.69	149.20	13.04	-14.13	58.89
19805	-0.87	-23.55	-6.90	-106.59	11.14	151.19	3.64	-8.34	58.25
19806	-20.51	-9.75	-6.90	1.91	12.67	-42.10	-12.68	-60.40	64.84
19807	-19.75	-11.21	-6.90	5.14	1.58	-11.77	-5.44	-44.88	69.01
19808	-18.89	-12.62	-6.90	6.07	-6.91	17.85	2.98	-30.70	74.59
19809	-17.92	-13.96	-6.90	4.66	-12.53	46.10	11.91	-18.08	81.18
19810	-16.86	-15.22	-6.90	0.88	-15.25	72.60	20.75	-7.25	88.62
19811	-15.71	-16.41	-6.90	-5.20	-15.21	97.23	28.96	1.63	96.70
19812	-14.48	-17.51	-6.90	-13.38	-12.64	119.99	36.01	8.55	105.18
19813	-13.17	-18.52	-6.90	-23.31	-7.87	140.83	41.35	13.58	113.76
19814	-11.79	-19.42	-6.90	-34.42	-1.32	159.64	44.49	16.82	122.20
19815	-10.35	-20.23	-6.90	-45.98	6.41	176.30	45.08	18.38	130.31
19816	-8.85	-20.93	-6.90	-57.17	14.65	190.75	42.96	18.32	137.90
19817	-7.30	-21.52	-6.90	-67.23	22.70	202.96	38.20	16.71	144.82
19818	-5.72	-21.99	-6.90	-75.47	29.90	213.02	31.10	13.67	150.92
19819	-4.11	-22.35	-6.90	-81.41	35.66	221.04	22.17	9.49	156.01
19820	-2.47	-22.59	-6.90	-84.58	39.51	226.85	12.09	4.62	159.86
19821	-0.83	-22.71	-6.90	-84.45	41.15	229.82	1.61	-0.62	162.10
19822	-19.60	-9.70	-6.90	4.02	9.00	-48.39	-13.71	-51.67	21.11
19823	-18.85	-11.08	-6.90	9.66	0.63	-8.20	-5.55	-23.07	33.52
19824	-18.01	-12.41	-6.90	12.85	-5.11	30.55	3.64	2.43	48.82
19825	-17.08	-13.67	-6.90	13.46	-8.02	67.49	13.24	24.46	66.41
19826	-16.06	-14.85	-6.90	11.45	-8.11	102.38	22.62	42.65	85.76
19827	-14.95	-15.97	-6.90	6.92	-5.54	135.14	31.21	56.78	106.31
19828	-13.77	-17.00	-6.90	0.08	-0.53	165.67	38.44	66.80	127.44
19829	-12.52	-17.94	-6.90	-8.66	6.58	193.84	43.77	72.79	148.57
19830	-11.20	-18.79	-6.90	-18.72	15.30	219.43	46.70	74.91	169.16
19831	-9.83	-19.55	-6.90	-29.33	24.98	242.22	46.90	73.35	188.71
19832	-8.41	-20.20	-6.90	-39.67	34.91	262.06	44.25	68.36	206.76
19833	-6.94	-20.76	-6.90	-48.96	44.35	278.86	38.86	60.20	222.91
19834	-5.43	-21.20	-6.90	-56.52	52.63	292.60	31.05	49.26	236.75
19835	-3.90	-21.54	-6.90	-61.76	59.15	303.26	21.37	36.05	247.91
19836	-2.35	-21.76	-6.90	-64.19	63.40	310.70	10.51	21.21	255.99
19837	-0.78	-21.87	-6.90	-63.33	65.02	314.55	-0.76	5.31	260.53
19838	-18.68	-9.66	-6.90	11.16	6.07	-48.38	-14.07	-31.78	-20.80
19839	-17.95	-10.95	-6.90	16.22	-0.33	4.95	-6.49	5.60	-0.63
19840	-17.14	-12.19	-6.90	19.22	-4.44	56.10	1.91	38.60	23.32
19841	-16.24	-13.37	-6.90	19.94	-6.14	104.91	10.54	66.70	50.40
19842	-15.26	-14.48	-6.90	18.33	-5.50	151.24	18.85	89.42	79.80
19843	-14.20	-15.53	-6.90	14.52	-2.63	194.99	26.33	106.47	110.66
19844	-13.07	-16.49	-6.90	8.75	2.22	235.99	32.50	117.82	142.08
19845	-11.88	-17.37	-6.90	1.36	8.76	273.97	36.92	123.56	173.31
19846	-10.62	-18.17	-6.90	-7.08	16.60	308.60	39.16	123.85	203.56
19847	-9.32	-18.87	-6.90	-15.91	25.13	339.54	38.98	119.00	232.09
19848	-7.96	-19.48	-6.90	-24.40	33.73	366.56	36.32	109.36	258.27
19849	-6.57	-19.99	-6.90	-31.88	41.78	389.49	31.32	95.37	281.48
19850	-5.14	-20.41	-6.90	-37.75	48.71	408.19	24.29	77.59	301.15
19851	-3.69	-20.72	-6.90	-41.50	54.02	422.57	15.70	56.69	316.75
19852	-2.22	-20.93	-6.90	-42.67	57.27	432.47	6.15	33.44	327.78
19853	-0.74	-21.03	-6.90	-40.90	58.14	437.71	-3.72	8.62	333.80
19854	-17.76	-9.62	-6.90	18.29	5.24	-34.66	-14.12	-3.35	-60.42
19855	-17.06	-10.82	-6.90	20.50	-0.34	32.39	-8.99	35.22	-35.86
19856	-16.27	-11.98	-6.90	21.48	-4.40	96.74	-3.30	69.15	-7.39
19857	-15.40	-13.08	-6.90	20.84	-6.90	158.26	2.55	97.69	24.40
19858	-14.46	-14.11	-6.90	18.75	-7.82	216.80	7.97	120.09	58.59
19859	-13.44	-15.08	-6.90	15.32	-7.34	272.21	12.73	136.42	93.78
19860	-12.37	-15.98	-6.90	10.83	-5.78	324.25	16.59	146.58	129.54
19861	-11.23	-16.80	-6.90	5.42	-2.99	372.51	19.31	150.49	164.81
19862	-10.04	-17.54	-6.90	-0.48	0.58	416.53	20.54	148.50	198.64
19863	-8.80	-18.19	-6.90	-6.35	4.59	455.92	20.21	140.96	230.36
19864	-7.52	-18.76	-6.90	-11.73	8.67	490.37	18.33	128.25	259.28
19865	-6.20	-19.23	-6.90	-16.17	12.43	519.65	15.01	110.87	284.72
19866	-4.86	-19.62	-6.90	-19.27	15.52	543.55	10.51	89.42	306.09
19867	-3.49	-19.90	-6.90	-20.68	17.64	561.90	5.15	64.63	322.83
19868	-2.10	-20.10	-6.90	-20.12	18.54	574.56	-0.67	37.26	334.46
19869	-0.70	-20.20	-6.90	-17.37	18.01	581.40	-6.56	8.11	340.55
19870	-21.43	-9.79	-8.30	10.38	38.79	-50.74	-22.44	-61.41	115.30
19871	-20.65	-11.34	-8.30	10.60	21.01	-15.54	-16.64	-60.31	111.97
19872	-19.76	-12.83	-8.30	9.23	6.11	19.60	-9.42	-58.90	108.04
19873	-18.76	-14.25	-8.30	5.87	-5.54	53.06	-1.39	-56.90	103.49
19874	-17.66	-15.59	-8.30	0.49	-14.01	84.01	6.89	-54.50	98.76
19875	-16.47	-16.85	-8.30	-6.97	-19.55	112.36	14.97	-51.84	94.17
19876	-15.18	-18.02	-8.30	-16.44	-22.42	138.26	22.37	-48.91	89.75
19877	-13.81	-19.09	-8.30	-27.65	-22.85	161.77	28.57	-45.58	85.46
19878	-12.37	-20.05	-8.30	-40.09	-21.13	182.84	32.99	-41.77	81.35
19879	-10.86	-20.91	-8.30	-53.02	-17.72	201.39	35.20	-37.47	77.55
19880	-9.29	-21.65	-8.30	-65.62	-13.22	217.33	34.96	-32.80	74.19
19881	-7.67	-22.28	-8.30	-77.08	-8.27	230.74	32.25	-28.00	71.42
19882	-6.01	-22.78	-8.30	-86.75	-3.47	241.88	27.29	-23.31	69.33
19883	-4.32	-23.17	-8.30	-94.29	0.63	251.23	20.51	-18.78	67.97
19884	-2.60	-23.42	-8.30	-99.47	3.54	258.76	12.52	-13.91	67.22
19885	-0.87	-23.55	-8.30	-101.60	4.96	262.96	4.01	-8.13	66.88
19886	-20.51	-9.75	-8.30	18.61	29.70	-55.31	-30.43	-62.87	71.51
19887	-19.75	-11.21	-8.30	20.75	13.08	-13.96	-23.22	-46.44	75.79
19888	-18.89	-12.62	-8.30	20.89	-0.73	26.49	-14.64	-31.32	81.36
19889	-17.92	-13.96	-8.30	18.90	-11.35	64.97	-5.36	-17.85	87.96
19890	-16.86	-15.22	-8.30	14.67	-18.77	100.94	4.11	-6.36	95.53
19891	-15.71	-16.41	-8.30	8.15	-23.15	134.34	13.29	2.96	103.89
19892	-14.48	-17.51	-8.30	-0.57	-24.67	165.16	21.65	10.12	112.66
19893	-13.17	-18.52	-8.30	-11.21	-23.57	193.37	28.59	15.26	121.52
19894	-11.79	-19.42	-8.30	-23.22	-20.22	218.80	33.50	18.56	130.19
19895	-10.35	-20.23	-8.30	-35.84	-15.22	241.30	35.97	20.13	138.51
19896	-8.85	-20.93	-8.30	-48.24	-9.24	260.73	35.76	20.05	146.31
19897	-7.30	-21.52	-8.30	-59.57	-2.97	277.08	32.89	18.33	153.45
19898	-5.72	-21.99	-8.30	-69.18	2.93	290.49	27.61	15.02	159.83
19899	-4.11	-22.35	-8.30	-76.66	7.90	301.26	20.39	10.38	165.34

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]
19900	-2.47	-22.59	-8.30	-81.68	11.43	309.34	12.02	5.07	169.74
19901	-0.83	-22.71	-8.30	-83.56	13.10	313.67	3.35	-0.14	172.47
19902	-19.60	-9.70	-8.30	29.66	21.72	-58.72	-35.70	-51.16	29.21
19903	-18.85	-11.08	-8.30	32.18	6.26	-10.77	-27.62	-23.75	40.77
19904	-18.01	-12.41	-8.30	32.68	-6.44	35.63	-18.37	0.84	55.04
19905	-17.08	-13.67	-8.30	31.02	-16.14	79.85	-8.52	22.09	71.48
19906	-16.06	-14.85	-8.30	27.12	-22.80	121.58	1.41	39.56	89.61
19907	-14.95	-15.97	-8.30	20.94	-26.50	160.70	10.96	53.02	108.85
19908	-13.77	-17.00	-8.30	12.58	-27.37	197.15	19.58	62.48	128.55
19909	-12.52	-17.94	-8.30	2.34	-25.64	230.70	26.65	68.12	148.14
19910	-11.20	-18.79	-8.30	-9.20	-21.74	261.10	31.61	70.18	167.15
19911	-9.83	-19.55	-8.30	-21.30	-16.30	288.09	34.06	68.84	185.17
19912	-8.41	-20.20	-8.30	-33.14	-10.01	311.47	33.86	64.33	201.83
19913	-6.94	-20.76	-8.30	-43.95	-3.56	331.16	31.05	56.85	216.76
19914	-5.43	-21.20	-8.30	-53.09	2.43	347.17	25.92	46.72	229.66
19915	-3.90	-21.54	-8.30	-60.08	7.43	359.56	18.96	34.39	240.24
19916	-2.35	-21.76	-8.30	-64.51	10.95	368.22	10.92	20.57	248.11
19917	-0.78	-21.87	-8.30	-65.81	12.54	372.62	2.61	5.98	252.70
19918	-18.68	-9.66	-8.30	42.45	14.92	-58.08	-38.45	-30.09	-11.22
19919	-17.95	-10.95	-8.30	43.38	0.43	-2.48	-30.62	3.56	6.61
19920	-17.14	-12.19	-8.30	42.64	-11.65	51.00	-21.87	33.36	27.87
19921	-16.24	-13.37	-8.30	40.08	-21.14	102.09	-12.70	58.72	51.92
19922	-15.26	-14.48	-8.30	35.60	-28.04	150.60	-3.53	79.09	78.00
19923	-14.20	-15.53	-8.30	29.22	-32.34	196.44	5.22	94.23	105.26
19924	-13.07	-16.49	-8.30	21.04	-34.14	239.39	13.05	104.23	132.84
19925	-11.88	-17.37	-8.30	11.37	-33.63	279.12	19.45	109.27	160.05
19926	-10.62	-18.17	-8.30	0.75	-31.19	315.22	23.95	109.59	186.29
19927	-9.32	-18.87	-8.30	-10.17	-27.40	347.34	26.26	105.46	211.00
19928	-7.96	-19.48	-8.30	-20.67	-22.85	375.24	26.29	97.18	233.68
19929	-6.57	-19.99	-8.30	-30.14	-18.13	398.76	24.16	85.09	253.82
19930	-5.14	-20.41	-8.30	-38.01	-13.74	417.80	20.14	69.67	270.97
19931	-3.69	-20.72	-8.30	-43.85	-10.13	432.30	14.66	51.48	284.68
19932	-2.22	-20.93	-8.30	-47.25	-7.70	442.13	8.31	31.25	294.51
19933	-0.74	-21.03	-8.30	-47.84	-6.82	447.09	1.72	9.66	299.97
19934	-17.76	-9.62	-8.30	53.11	10.24	-48.39	-39.12	-3.72	-49.21
19935	-17.06	-10.82	-8.30	51.44	-3.66	14.03	-32.74	30.36	-27.81
19936	-16.27	-11.98	-8.30	48.74	-15.69	73.96	-25.68	60.36	-2.90
19937	-15.40	-13.08	-8.30	44.63	-25.81	131.28	-18.23	85.53	24.94
19938	-14.46	-14.11	-8.30	39.24	-33.85	185.96	-10.94	105.14	54.82
19939	-13.44	-15.08	-8.30	32.61	-39.87	237.85	-4.04	119.32	85.40
19940	-12.37	-15.98	-8.30	24.91	-44.11	286.64	2.16	128.08	116.27
19941	-11.23	-16.80	-8.30	16.32	-46.36	331.85	7.33	131.47	146.51
19942	-10.04	-17.54	-8.30	7.31	-47.10	372.97	11.07	129.87	175.39
19943	-8.80	-18.19	-8.30	-1.62	-46.70	409.61	13.26	123.55	202.44
19944	-7.52	-18.76	-8.30	-9.95	-45.55	441.48	13.89	112.81	227.11
19945	-6.20	-19.23	-8.30	-17.25	-44.07	468.38	13.07	98.07	248.85
19946	-4.86	-19.62	-8.30	-23.13	-42.60	490.15	11.03	79.83	267.16
19947	-3.49	-19.90	-8.30	-27.27	-41.43	506.68	8.11	58.71	281.56
19948	-2.10	-20.10	-8.30	-29.37	-40.84	517.86	4.67	35.35	291.65
19949	-0.70	-20.20	-8.30	-29.24	-41.04	523.59	1.13	10.45	297.02
19950	11.67	-9.50	-2.70	116.28	49.29	313.85	-51.26	-166.39	-215.59
19951	12.71	-9.45	-2.70	127.01	43.62	306.63	-63.27	-192.16	-206.43
19952	13.75	-9.40	-2.70	144.15	35.91	296.31	-76.31	-222.67	-199.98
19953	11.86	-10.51	-2.70	147.44	67.28	424.48	-70.80	-202.35	-181.55
19954	12.77	-10.36	-2.70	161.52	59.56	409.15	-82.05	-221.80	-180.54
19955	13.67	-10.20	-2.70	179.84	49.58	391.80	-93.93	-242.70	-181.49
19956	12.05	-11.51	-2.70	189.37	89.99	538.49	-89.79	-232.46	-140.76
19957	12.82	-11.26	-2.70	204.57	78.80	514.90	-97.91	-245.57	-147.90
19958	13.59	-10.99	-2.70	223.48	65.74	490.17	-107.24	-259.42	-154.17
19959	0.56	-9.90	-2.70	62.66	59.16	372.92	-6.24	-47.15	-291.00
19960	1.69	-9.89	-2.70	69.20	58.94	369.77	-6.75	-55.80	-291.13
19961	2.81	-9.87	-2.70	75.51	59.06	365.09	-7.57	-64.44	-288.90
19962	3.93	-9.85	-2.70	81.45	59.39	359.31	-8.95	-73.06	-284.42
19963	5.05	-9.82	-2.70	86.89	59.79	352.90	-11.10	-81.81	-277.88
19964	6.17	-9.78	-2.70	91.75	60.04	346.28	-14.26	-91.00	-269.52
19965	7.28	-9.74	-2.70	96.04	59.90	339.75	-18.64	-101.15	-259.66
19966	8.39	-9.69	-2.70	99.96	59.10	333.42	-24.43	-112.93	-248.74
19967	9.50	-9.63	-2.70	103.95	57.31	327.13	-31.79	-127.17	-237.30
19968	10.60	-9.56	-2.70	108.82	54.21	320.38	-40.79	-144.80	-226.06
19969	0.58	-11.69	-2.70	64.62	98.38	566.49	-12.59	-54.42	-192.49
19970	1.75	-11.67	-2.70	72.11	97.41	562.46	-15.52	-69.72	-194.39
19971	2.91	-11.62	-2.70	79.93	96.45	554.85	-18.62	-84.71	-195.32
19972	4.07	-11.55	-2.70	87.93	95.39	544.18	-22.06	-99.16	-195.29
19973	5.22	-11.46	-2.70	95.92	94.08	531.01	-26.01	-113.00	-194.34
19974	6.37	-11.35	-2.70	103.77	92.31	515.91	-30.69	-126.38	-192.59
19975	7.51	-11.21	-2.70	111.43	89.85	499.33	-36.30	-139.61	-190.22
19976	8.64	-11.06	-2.70	119.05	86.39	481.57	-43.05	-153.22	-187.53
19977	9.75	-10.88	-2.70	127.00	81.61	462.67	-51.10	-167.85	-184.94
19978	10.86	-10.68	-2.70	136.01	75.12	442.34	-60.51	-184.27	-183.03
19979	0.60	-13.49	-2.70	75.36	153.03	753.39	-19.81	-61.37	-82.45
19980	1.81	-13.45	-2.70	84.06	150.99	748.79	-25.63	-82.63	-86.17
19981	3.02	-13.37	-2.70	93.64	148.41	738.81	-31.43	-103.35	-90.42
19982	4.21	-13.26	-2.70	103.94	145.21	724.01	-37.28	-123.11	-95.13
19983	5.40	-13.10	-2.70	114.76	141.26	705.02	-43.26	-141.62	-100.22
19984	6.58	-12.91	-2.70	125.95	136.39	682.51	-49.54	-158.83	-105.64
19985	7.74	-12.69	-2.70	137.42	130.38	657.06	-56.30	-174.86	-111.42
19986	8.88	-12.43	-2.70	149.27	122.91	629.16	-63.73	-190.00	-117.66
19987	10.01	-12.13	-2.70	161.77	113.67	599.08	-72.00	-204.65	-124.59
19988	11.11	-11.80	-2.70	175.36	102.22	566.83	-81.12	-219.11	-132.76
19989	0.63	-15.29	-2.70	97.38	231.87	932.61	-28.59	-68.30	40.08
19990	1.88	-15.23	-2.70	107.62	228.36	927.78	-38.09	-94.88	34.56
19991	3.12	-15.12	-2.70	119.28	223.46	916.14	-47.29	-120.81	26.88
19992	4.36	-14.96	-2.70	132.22	217.13	898.24	-56.12	-145.42	17.20
19993	5.58	-14.75	-2.70	146.22	209.29	874.76	-64.54	-168.25	5.70
19994	6.78	-14.48	-2.70	161.11	199.82	846.44	-72.61	-189.02	-7.43
19995	7.97	-14.16	-2.70	176.77	188.54	813.99	-80.41	-207.63	-22.01
19996	9.13	-13.80	-2.70	193.22	175.16	778.05	-88.07	-224.14	-37.91
19997	10.27	-13.38	-2.70	210.62	159.34	739.13	-95.71	-238.69	-55.04
19998	11.37	-12.92	-2.70	229.29	140.62	697.44	-103.41	-251.41	-73.11

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]
19999	0.65	-17.08	-2.70	142.03	353.79	1147.36	-40.78	-76.29	165.85
20000	1.94	-17.01	-2.70	154.39	348.04	1142.72	-55.17	-107.48	158.54
20001	3.22	-16.87	-2.70	168.64	339.50	1129.83	-68.84	-137.76	147.65
20002	4.50	-16.66	-2.70	184.61	328.14	1109.25	-81.55	-166.49	133.30
20003	5.75	-16.39	-2.70	202.10	313.98	1081.61	-93.09	-193.05	115.83
20004	6.99	-16.04	-2.70	220.84	297.00	1047.55	-103.30	-216.98	95.61
20005	8.20	-15.64	-2.70	240.61	277.11	1007.72	-112.10	-237.98	73.11
20006	9.38	-15.17	-2.70	261.26	254.14	962.67	-119.48	-255.93	48.78
20007	10.52	-14.63	-2.70	282.79	227.83	912.72	-125.47	-270.94	23.18
20008	11.63	-14.04	-2.70	305.20	197.89	858.25	-130.06	-282.91	-3.08
20009	0.67	-18.88	-2.70	213.14	594.22	1299.72	-68.70	-78.42	382.02
20010	2.00	-18.79	-2.70	229.77	582.90	1294.44	-93.44	-115.95	374.44
20011	3.33	-18.62	-2.70	248.77	564.84	1279.03	-116.63	-152.86	361.38
20012	4.64	-18.37	-2.70	269.92	540.48	1253.96	-137.51	-188.31	343.37
20013	5.93	-18.03	-2.70	292.84	510.17	1219.83	-155.44	-221.60	320.74
20014	7.20	-17.61	-2.70	317.03	474.34	1177.33	-169.85	-252.10	293.92
20015	8.43	-17.11	-2.70	341.96	433.46	1127.12	-180.35	-279.30	263.37
20016	9.63	-16.54	-2.70	367.05	388.00	1069.90	-186.65	-302.80	229.61
20017	10.78	-15.88	-2.70	391.75	338.39	1006.25	-188.63	-322.28	193.09
20018	11.89	-15.16	-2.70	415.74	285.25	936.52	-186.55	-338.04	154.80
20019	16.80	-9.56	-2.70	314.09	-30.36	301.94	-148.30	-345.75	-163.34
20020	16.19	-10.65	-2.70	418.81	-3.98	489.12	-142.91	-322.58	-104.54
20021	15.51	-11.70	-2.70	456.61	52.90	607.19	-145.99	-339.05	-37.25
20022	15.78	-9.48	-2.70	227.69	14.97	303.88	-114.92	-298.81	-194.22
20023	15.36	-10.44	-2.70	292.95	25.68	454.07	-129.90	-291.44	-169.18
20024	14.89	-11.36	-2.70	342.54	57.40	582.39	-131.09	-294.72	-121.68
20025	14.77	-9.41	-2.70	177.31	26.99	292.89	-92.98	-258.75	-194.45
20026	14.53	-10.23	-2.70	220.51	39.94	400.95	-110.71	-269.07	-179.02
20027	14.27	-11.03	-2.70	262.22	58.22	507.94	-119.37	-275.00	-149.38
20028	12.91	-14.38	-2.70	437.02	230.52	862.79	-180.70	-349.78	114.74
20029	12.60	-13.43	-2.70	324.31	166.36	801.20	-132.62	-290.81	-29.10
20030	12.30	-12.48	-2.70	246.56	121.76	657.86	-109.95	-261.52	-90.00
20031	13.85	-13.56	-2.70	452.52	172.67	784.96	-171.01	-352.67	70.86
20032	13.44	-12.81	-2.70	339.97	132.58	740.87	-133.21	-296.09	-55.87
20033	13.05	-12.07	-2.70	261.59	102.61	620.70	-114.59	-269.51	-106.52
20034	14.73	-12.67	-2.70	462.91	113.41	701.42	-159.68	-350.01	24.90
20035	14.25	-12.15	-2.70	354.22	95.87	674.78	-133.27	-298.93	-82.05
20036	13.77	-11.64	-2.70	276.55	81.67	581.27	-118.58	-275.97	-124.53
20037	11.67	-9.50	-4.10	119.52	41.13	247.21	-11.31	-133.34	-243.44
20038	12.71	-9.45	-4.10	127.52	33.53	241.16	-15.48	-150.39	-233.26
20039	13.75	-9.40	-4.10	138.26	23.12	233.47	-18.63	-169.42	-223.36
20040	11.86	-10.51	-4.10	138.11	45.17	348.81	-23.66	-161.23	-212.70
20041	12.77	-10.36	-4.10	146.74	35.76	334.61	-26.49	-173.70	-208.98
20042	13.67	-10.20	-4.10	156.31	23.80	318.85	-28.22	-186.24	-204.67
20043	12.05	-11.51	-4.10	160.90	48.00	452.48	-33.52	-183.56	-175.06
20044	12.82	-11.26	-4.10	168.44	36.62	429.43	-33.93	-192.33	-177.84
20045	13.59	-10.99	-4.10	176.41	23.23	404.40	-34.05	-201.59	-177.44
20046	0.56	-9.90	-4.10	75.63	57.46	295.44	3.10	-34.65	-310.85
20047	1.69	-9.89	-4.10	81.12	57.28	292.89	4.01	-42.14	-310.98
20048	2.81	-9.87	-4.10	86.22	57.22	289.32	4.72	-49.73	-309.03
20049	3.93	-9.85	-4.10	90.87	57.21	285.00	5.04	-57.41	-305.11
20050	5.05	-9.82	-4.10	95.06	57.09	280.23	4.84	-65.30	-299.39
20051	6.17	-9.78	-4.10	98.79	56.69	275.22	3.97	-73.61	-292.08
20052	7.28	-9.74	-4.10	102.16	55.79	270.11	2.34	-82.64	-283.48
20053	8.39	-9.69	-4.10	105.42	54.13	264.89	-0.11	-92.77	-273.92
20054	9.50	-9.63	-4.10	108.93	51.38	259.36	-3.34	-104.40	-263.80
20055	10.60	-9.56	-4.10	113.29	47.21	253.16	-7.19	-117.92	-253.58
20056	0.58	-11.69	-4.10	72.33	79.53	472.89	-3.49	-40.81	-223.53
20057	1.75	-11.67	-4.10	78.74	78.68	469.48	-4.31	-53.96	-225.26
20058	2.91	-11.62	-4.10	85.23	77.72	463.21	-5.20	-66.90	-226.12
20059	4.07	-11.55	-4.10	91.75	76.55	454.43	-6.28	-79.44	-226.16
20060	5.22	-11.46	-4.10	98.18	75.02	443.51	-7.64	-91.49	-225.45
20061	6.37	-11.35	-4.10	104.49	72.95	430.80	-9.37	-103.09	-224.08
20062	7.51	-11.21	-4.10	110.68	70.08	416.56	-11.55	-114.38	-222.19
20063	8.64	-11.06	-4.10	116.85	66.15	400.95	-14.21	-125.60	-219.97
20064	9.75	-10.88	-4.10	123.24	60.83	383.94	-17.27	-137.02	-217.66
20065	10.86	-10.68	-4.10	130.18	53.76	365.31	-20.52	-148.95	-215.41
20066	0.60	-13.49	-4.10	75.55	110.22	645.98	-10.80	-46.11	-127.14
20067	1.81	-13.45	-4.10	83.05	108.35	641.93	-13.56	-64.14	-130.48
20068	3.02	-13.37	-4.10	91.08	105.92	633.33	-16.19	-81.72	-134.31
20069	4.21	-13.26	-4.10	99.53	102.83	620.61	-18.72	-98.47	-138.59
20070	5.40	-13.10	-4.10	108.25	98.94	604.18	-21.16	-114.12	-143.24
20071	6.58	-12.91	-4.10	117.12	94.09	584.52	-23.54	-128.53	-148.23
20072	7.74	-12.69	-4.10	126.03	88.04	562.00	-25.88	-141.69	-153.48
20073	8.88	-12.43	-4.10	134.94	80.51	536.92	-28.19	-153.71	-158.95
20074	10.01	-12.13	-4.10	143.85	71.19	509.39	-30.37	-164.74	-164.56
20075	11.11	-11.80	-4.10	152.75	59.85	479.32	-32.28	-174.85	-170.34
20076	0.63	-15.29	-4.10	86.44	150.09	819.07	-19.10	-50.42	-26.03
20077	1.88	-15.23	-4.10	95.23	146.75	814.61	-23.84	-72.46	-30.81
20078	3.12	-15.12	-4.10	104.82	142.07	804.12	-28.17	-93.89	-37.35
20079	4.36	-14.96	-4.10	115.10	136.02	787.99	-31.99	-114.16	-45.50
20080	5.58	-14.75	-4.10	125.85	128.49	766.68	-35.19	-132.87	-55.08
20081	6.78	-14.48	-4.10	136.85	119.39	740.68	-37.71	-149.76	-65.82
20082	7.97	-14.16	-4.10	147.88	108.56	710.39	-39.51	-164.71	-77.44
20083	9.13	-13.80	-4.10	158.70	95.80	676.11	-40.55	-177.75	-89.60
20084	10.27	-13.38	-4.10	169.11	80.93	637.97	-40.82	-189.01	-101.91
20085	11.37	-12.92	-4.10	178.84	63.65	595.85	-40.33	-198.62	-113.66
20086	0.65	-17.08	-4.10	103.29	184.83	997.14	-29.30	-52.47	93.66
20087	1.94	-17.01	-4.10	113.46	179.38	991.97	-35.26	-78.48	88.15
20088	3.22	-16.87	-4.10	124.38	171.69	978.70	-40.49	-103.75	80.00
20089	4.50	-16.66	-4.10	135.87	161.76	957.78	-44.71	-127.77	69.36
20090	5.75	-16.39	-4.10	147.68	149.66	929.68	-47.74	-150.12	56.50
20091	6.99	-16.04	-4.10	159.53	135.46	894.85	-49.44	-170.44	41.75
20092	8.20	-15.64	-4.10	171.07	119.23	853.75	-49.73	-188.51	25.46
20093	9.38	-15.17	-4.10	182.01	101.02	806.72	-48.62	-204.23	8.02
20094	10.52	-14.63	-4.10	192.05	80.93	754.01	-46.24	-217.60	-10.15
20095	11.63	-14.04	-4.10	200.83	59.01	695.75	-42.75	-228.73	-28.56
20096	0.67	-18.88	-4.10	101.52	202.78	1034.48	-40.56	-49.79	308.73
20097	2.00	-18.79	-4.10	113.28	195.37	1028.98	-47.45	-83.82	302.55

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]
20098	3.33	-18.62	-4.10	125.69	185.12	1014.62	-53.21	-117.08	291.27
20099	4.64	-18.37	-4.10	138.58	172.23	991.80	-57.55	-148.80	275.26
20100	5.93	-18.03	-4.10	151.66	156.92	961.01	-60.23	-178.29	254.86
20101	7.20	-17.61	-4.10	164.62	139.47	922.83	-61.09	-204.93	230.44
20102	8.43	-17.11	-4.10	177.12	120.17	877.82	-60.08	-228.18	202.38
20103	9.63	-16.54	-4.10	188.82	99.31	826.60	-57.24	-247.59	171.14
20104	10.78	-15.88	-4.10	199.36	77.19	769.67	-52.81	-262.81	137.13
20105	11.89	-15.16	-4.10	208.50	54.17	707.41	-47.16	-273.76	100.98
20106	16.80	-9.56	-4.10	183.10	-41.83	195.82	-21.71	-261.63	-145.88
20107	16.19	-10.65	-4.10	199.97	-46.23	323.08	-32.04	-266.46	-117.56
20108	15.51	-11.70	-4.10	217.37	-35.03	422.97	-30.94	-270.72	-68.08
20109	15.78	-9.48	-4.10	171.64	-14.27	228.33	-20.39	-222.07	-184.76
20110	15.36	-10.44	-4.10	190.08	-16.74	338.27	-29.29	-231.74	-162.46
20111	14.89	-11.36	-4.10	205.84	-14.04	433.19	-30.74	-241.06	-123.41
20112	14.77	-9.41	-4.10	154.90	8.23	231.24	-20.63	-192.83	-208.54
20113	14.53	-10.23	-4.10	172.90	7.68	322.66	-29.78	-205.53	-191.45
20114	14.27	-11.03	-4.10	188.26	7.62	409.14	-33.64	-215.27	-162.84
20115	12.91	-14.38	-4.10	215.81	31.58	642.56	-41.52	-280.09	63.41
20116	12.60	-13.43	-4.10	206.89	37.99	636.26	-38.95	-236.61	-47.25
20117	12.30	-12.48	-4.10	186.35	47.00	555.15	-39.24	-206.23	-123.70
20118	13.85	-13.56	-4.10	220.77	8.45	575.32	-36.29	-280.22	23.41
20119	13.44	-12.81	-4.10	210.66	18.09	575.80	-35.53	-241.42	-67.58
20120	13.05	-12.07	-4.10	191.61	31.71	516.16	-37.34	-212.70	-133.16
20121	14.73	-12.67	-4.10	221.99	-14.75	502.91	-32.27	-276.92	-18.12
20122	14.25	-12.15	-4.10	211.75	-2.00	510.14	-32.68	-244.20	-88.30
20123	13.77	-11.64	-4.10	195.09	16.24	473.29	-34.95	-218.01	-142.77
20124	11.67	-9.50	-5.50	109.69	28.63	187.89	33.37	-112.94	-244.92
20125	12.71	-9.45	-5.50	111.95	20.99	182.30	35.42	-127.47	-230.70
20126	13.75	-9.40	-5.50	114.54	11.13	174.00	38.74	-144.52	-214.58
20127	11.86	-10.51	-5.50	115.55	20.14	278.95	25.96	-139.69	-210.76
20128	12.77	-10.36	-5.50	117.94	12.29	264.16	28.68	-151.51	-202.14
20129	13.67	-10.20	-5.50	119.78	3.05	246.21	32.34	-164.22	-191.49
20130	12.05	-11.51	-5.50	122.28	8.54	367.93	20.73	-163.73	-167.60
20131	12.82	-11.26	-5.50	124.16	1.29	343.05	24.17	-173.25	-165.71
20132	13.59	-10.99	-5.50	125.77	-6.48	314.79	27.54	-183.51	-160.68
20133	0.56	-9.90	-5.50	86.71	46.45	225.37	13.66	-23.38	-316.06
20134	1.69	-9.89	-5.50	90.80	46.40	223.27	16.57	-30.37	-316.05
20135	2.81	-9.87	-5.50	94.37	46.36	220.52	19.40	-37.49	-314.11
20136	3.93	-9.85	-5.50	97.41	46.26	217.34	22.02	-44.75	-310.33
20137	5.05	-9.82	-5.50	99.91	45.97	213.87	24.36	-52.24	-304.83
20138	6.17	-9.78	-5.50	101.93	45.32	210.24	26.37	-60.11	-297.77
20139	7.28	-9.74	-5.50	103.52	44.13	206.48	28.03	-68.57	-289.32
20140	8.39	-9.69	-5.50	104.85	42.14	202.51	29.38	-77.84	-279.69
20141	9.50	-9.63	-5.50	106.12	39.10	198.13	30.55	-88.18	-269.04
20142	10.60	-9.56	-5.50	107.58	34.71	192.99	31.81	-99.86	-257.51
20143	0.58	-11.69	-5.50	76.40	49.13	388.18	6.94	-28.58	-234.82
20144	1.75	-11.67	-5.50	81.29	48.52	385.25	8.75	-40.54	-236.16
20145	2.91	-11.62	-5.50	86.08	47.79	380.05	10.60	-52.37	-236.63
20146	4.07	-11.55	-5.50	90.71	46.84	372.80	12.44	-63.92	-236.24
20147	5.22	-11.46	-5.50	95.11	45.55	363.75	14.24	-75.10	-235.01
20148	6.37	-11.35	-5.50	99.23	43.74	353.08	15.98	-85.94	-233.00
20149	7.51	-11.21	-5.50	103.03	41.22	340.93	17.68	-96.51	-230.23
20150	8.64	-11.06	-5.50	106.53	37.77	327.31	19.40	-106.96	-226.72
20151	9.75	-10.88	-5.50	109.76	33.17	312.06	21.26	-117.50	-222.47
20152	10.86	-10.68	-5.50	112.75	27.25	294.86	23.51	-128.40	-217.34
20153	0.60	-13.49	-5.50	70.59	53.70	550.14	-0.20	-32.71	-143.73
20154	1.81	-13.45	-5.50	76.38	52.22	546.48	0.57	-49.08	-146.38
20155	3.02	-13.37	-5.50	82.37	50.29	538.93	1.56	-65.11	-149.27
20156	4.21	-13.26	-5.50	88.48	47.85	527.75	2.81	-80.49	-152.33
20157	5.40	-13.10	-5.50	94.56	44.80	513.22	4.33	-95.02	-155.48
20158	6.58	-12.91	-5.50	100.47	41.03	495.58	6.15	-108.59	-158.60
20159	7.74	-12.69	-5.50	106.06	36.40	475.01	8.30	-121.21	-161.56
20160	8.88	-12.43	-5.50	111.20	30.76	451.57	10.83	-132.98	-164.18
20161	10.01	-12.13	-5.50	115.73	24.02	425.14	13.81	-144.05	-166.21
20162	11.11	-11.80	-5.50	119.49	16.26	395.39	17.26	-154.49	-167.55
20163	0.63	-15.29	-5.50	67.86	53.92	710.01	-7.60	-35.51	-40.05
20164	1.88	-15.23	-5.50	74.57	51.28	705.54	-7.47	-55.99	-43.69
20165	3.12	-15.12	-5.50	81.61	47.82	695.41	-6.90	-75.98	-48.55
20166	4.36	-14.96	-5.50	88.84	43.53	679.88	-5.78	-95.11	-54.53
20167	5.58	-14.75	-5.50	96.11	38.41	659.25	-4.06	-113.06	-61.46
20168	6.78	-14.48	-5.50	103.20	32.45	633.79	-1.68	-129.66	-69.11
20169	7.97	-14.16	-5.50	109.89	25.67	603.70	1.36	-144.82	-77.25
20170	9.13	-13.80	-5.50	115.95	18.10	569.11	5.01	-158.56	-85.62
20171	10.27	-13.38	-5.50	121.19	9.81	530.00	9.18	-170.96	-93.94
20172	11.37	-12.92	-5.50	125.34	0.82	486.16	13.70	-182.11	-101.67
20173	0.65	-17.08	-5.50	61.90	42.24	838.45	-14.95	-36.49	98.59
20174	1.94	-17.01	-5.50	69.47	38.57	832.90	-14.98	-62.09	94.22
20175	3.22	-16.87	-5.50	77.41	34.09	819.70	-14.37	-87.07	87.35
20176	4.50	-16.66	-5.50	85.56	28.82	799.20	-13.04	-111.00	78.09
20177	5.75	-16.39	-5.50	93.75	22.84	771.78	-10.93	-133.44	66.64
20178	6.99	-16.04	-5.50	101.78	16.27	737.87	-8.01	-154.05	53.21
20179	8.20	-15.64	-5.50	109.46	9.21	697.88	-4.34	-172.57	38.02
20180	9.38	-15.17	-5.50	116.58	1.79	652.20	-0.03	-188.80	21.29
20181	10.52	-14.63	-5.50	122.97	-5.88	601.22	4.71	-202.61	3.28
20182	11.63	-14.04	-5.50	128.43	-13.66	545.22	9.64	-213.98	-15.76
20183	0.67	-18.88	-5.50	42.98	48.99	833.48	-21.51	-35.04	282.50
20184	2.00	-18.79	-5.50	51.65	44.62	827.99	-23.65	-67.01	276.94
20185	3.33	-18.62	-5.50	61.13	39.19	814.80	-24.94	-98.24	266.38
20186	4.64	-18.37	-5.50	71.24	32.88	794.24	-25.20	-127.98	251.11
20187	5.93	-18.03	-5.50	81.75	25.83	766.75	-24.33	-155.56	231.46
20188	7.20	-17.61	-5.50	92.42	18.20	732.82	-22.27	-180.38	207.79
20189	8.43	-17.11	-5.50	102.97	10.15	692.97	-19.00	-201.93	180.52
20190	9.63	-16.54	-5.50	113.08	1.83	647.76	-14.62	-219.82	150.08
20191	10.78	-15.88	-5.50	122.45	-6.64	597.69	-9.29	-233.80	116.97
20192	11.89	-15.16	-5.50	130.77	-15.11	543.19	-3.33	-243.86	81.78
20193	16.80	-9.56	-5.50	129.44	-31.58	115.93	45.11	-224.35	-126.73
20194	16.19	-10.65	-5.50	134.42	-38.21	208.59	30.55	-240.01	-107.36
20195	15.51	-11.70	-5.50	140.57	-41.21	292.01	21.22	-247.37	-71.84
20196	15.78	-9.48	-5.50	122.89	-17.41	150.50	45.96	-195.12	-161.06

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]
20197	15.36	-10.44	-5.50	127.30	-24.93	233.71	34.98	-213.02	-140.29
20198	14.89	-11.36	-5.50	132.97	-30.59	308.55	27.55	-225.16	-108.25
20199	14.77	-9.41	-5.50	118.91	-2.23	165.73	42.97	-167.33	-190.88
20200	14.53	-10.23	-5.50	123.45	-9.75	238.46	35.22	-185.72	-170.67
20201	14.27	-11.03	-5.50	127.26	-17.36	305.39	29.33	-200.15	-142.32
20202	12.91	-14.38	-5.50	137.43	-22.99	486.59	2.61	-249.90	45.58
20203	12.60	-13.43	-5.50	132.21	-20.34	489.17	14.16	-221.81	-35.45
20204	12.30	-12.48	-5.50	127.86	-7.14	443.81	17.80	-191.13	-108.51
20205	13.85	-13.56	-5.50	141.72	-30.87	427.72	8.59	-251.50	7.95
20206	13.44	-12.81	-5.50	134.59	-26.02	433.62	18.12	-226.26	-56.49
20207	13.05	-12.07	-5.50	129.44	-13.32	403.74	21.61	-198.37	-115.62
20208	14.73	-12.67	-5.50	143.11	-37.92	363.56	14.34	-250.77	-30.25
20209	14.25	-12.15	-5.50	135.19	-31.00	373.94	21.93	-228.75	-77.69
20210	13.77	-11.64	-5.50	129.98	-18.51	360.01	25.42	-204.18	-123.27
20211	11.67	-9.50	-6.90	97.79	21.96	127.21	75.68	-101.74	-226.21
20212	12.71	-9.45	-6.90	96.24	17.87	120.43	80.90	-115.61	-209.18
20213	13.75	-9.40	-6.90	94.80	12.91	109.78	86.43	-131.70	-190.21
20214	11.86	-10.51	-6.90	95.42	6.20	205.31	68.82	-128.52	-188.75
20215	12.77	-10.36	-6.90	95.02	3.49	189.08	73.76	-140.17	-177.93
20216	13.67	-10.20	-6.90	94.36	0.60	169.03	78.87	-152.27	-165.62
20217	12.05	-11.51	-6.90	93.89	-10.77	277.71	62.38	-153.40	-143.08
20218	12.82	-11.26	-6.90	94.42	-11.51	252.28	67.08	-162.54	-140.35
20219	13.59	-10.99	-6.90	95.09	-11.90	223.80	71.36	-171.58	-135.55
20220	0.56	-9.90	-6.90	96.72	28.97	159.23	25.18	-13.79	-305.11
20221	1.69	-9.89	-6.90	99.10	29.25	157.42	30.47	-20.72	-304.85
20222	2.81	-9.87	-6.90	100.91	29.60	155.24	35.75	-27.79	-302.72
20223	3.93	-9.85	-6.90	102.13	29.95	152.81	40.97	-35.04	-298.77
20224	5.05	-9.82	-6.90	102.78	30.21	150.22	46.08	-42.54	-293.07
20225	6.17	-9.78	-6.90	102.87	30.26	147.49	51.04	-50.43	-285.72
20226	7.28	-9.74	-6.90	102.45	29.94	144.59	55.89	-58.84	-276.79
20227	8.39	-9.69	-6.90	101.61	29.09	141.37	60.68	-67.98	-266.37
20228	9.50	-9.63	-6.90	100.44	27.56	137.54	65.51	-78.04	-254.50
20229	10.60	-9.56	-6.90	99.08	25.23	132.64	70.53	-89.26	-241.19
20230	0.58	-11.69	-6.90	78.52	13.53	307.36	18.23	-18.23	-226.45
20231	1.75	-11.67	-6.90	81.61	13.46	304.72	22.77	-29.72	-227.29
20232	2.91	-11.62	-6.90	84.52	13.47	300.21	27.44	-41.13	-227.16
20233	4.07	-11.55	-6.90	87.18	13.49	293.98	32.20	-52.36	-226.03
20234	5.22	-11.46	-6.90	89.56	13.45	286.14	37.05	-63.36	-223.93
20235	6.37	-11.35	-6.90	91.59	13.22	276.75	41.99	-74.15	-220.83
20236	7.51	-11.21	-6.90	93.22	12.71	265.82	47.05	-84.80	-216.73
20237	8.64	-11.06	-6.90	94.42	11.79	253.22	52.26	-95.42	-211.57
20238	9.75	-10.88	-6.90	95.17	10.41	238.69	57.69	-106.16	-205.31
20239	10.86	-10.68	-6.90	95.49	8.59	221.75	63.43	-117.22	-197.80
20240	0.60	-13.49	-6.90	63.67	-2.54	455.35	11.08	-21.68	-134.81
20241	1.81	-13.45	-6.90	67.50	-3.21	451.81	14.98	-37.44	-136.69
20242	3.02	-13.37	-6.90	71.42	-3.87	444.78	19.15	-52.94	-138.56
20243	4.21	-13.26	-6.90	75.36	-4.54	434.40	23.61	-67.98	-140.36
20244	5.40	-13.10	-6.90	79.21	-5.26	420.81	28.38	-82.37	-142.02
20245	6.58	-12.91	-6.90	82.85	-6.06	404.12	33.47	-96.06	-143.44
20246	7.74	-12.69	-6.90	86.15	-6.97	384.37	38.88	-109.01	-144.52
20247	8.88	-12.43	-6.90	88.99	-7.99	361.49	44.60	-121.29	-145.14
20248	10.01	-12.13	-6.90	91.27	-9.05	335.31	50.60	-132.96	-145.14
20249	11.11	-11.80	-6.90	92.87	-9.96	305.52	56.83	-143.94	-144.55
20250	0.63	-15.29	-6.90	50.02	-21.93	593.27	4.08	-24.02	-25.07
20251	1.88	-15.23	-6.90	54.58	-23.25	588.65	7.51	-44.12	-27.85
20252	3.12	-15.12	-6.90	59.42	-24.54	578.70	11.35	-63.84	-31.69
20253	4.36	-14.96	-6.90	64.46	-25.75	563.62	15.63	-82.83	-36.52
20254	5.58	-14.75	-6.90	69.55	-26.86	543.60	20.38	-100.83	-42.24
20255	6.78	-14.48	-6.90	74.57	-27.81	518.85	25.61	-117.63	-48.71
20256	7.97	-14.16	-6.90	79.35	-28.53	489.53	31.25	-133.10	-55.82
20257	9.13	-13.80	-6.90	83.75	-28.93	455.78	37.26	-147.19	-63.43
20258	10.27	-13.38	-6.90	87.61	-28.91	417.71	43.49	-159.83	-71.40
20259	11.37	-12.92	-6.90	90.75	-28.38	375.35	49.80	-170.95	-79.36
20260	0.65	-17.08	-6.90	33.78	-37.78	688.19	-2.44	-25.11	110.45
20261	1.94	-17.01	-6.90	39.09	-39.61	682.55	0.05	-50.01	106.69
20262	3.22	-16.87	-6.90	44.96	-41.24	670.02	3.09	-74.36	100.27
20263	4.50	-16.66	-6.90	51.28	-42.63	650.89	6.71	-97.68	91.30
20264	5.75	-16.39	-6.90	57.89	-43.70	625.49	10.93	-119.52	79.95
20265	6.99	-16.04	-6.90	64.65	-44.36	594.21	15.76	-139.52	66.39
20266	8.20	-15.64	-6.90	71.37	-44.55	557.48	21.16	-157.38	50.81
20267	9.38	-15.17	-6.90	77.85	-44.17	515.75	27.07	-172.88	33.43
20268	10.52	-14.63	-6.90	83.88	-43.16	469.47	33.37	-185.89	14.50
20269	11.63	-14.04	-6.90	89.20	-41.42	419.07	39.91	-196.36	-5.64
20270	0.67	-18.88	-6.90	12.10	-26.49	686.20	-8.18	-24.42	253.97
20271	2.00	-18.79	-6.90	18.30	-28.97	680.78	-8.48	-53.29	249.07
20272	3.33	-18.62	-6.90	25.65	-31.71	668.65	-8.01	-81.53	239.50
20273	4.64	-18.37	-6.90	33.94	-34.53	650.10	-6.61	-108.44	225.50
20274	5.93	-18.03	-6.90	42.94	-37.28	625.49	-4.15	-133.42	207.38
20275	7.20	-17.61	-6.90	52.38	-39.79	595.22	-0.55	-155.93	185.49
20276	8.43	-17.11	-6.90	61.94	-41.88	559.74	4.25	-175.54	160.20
20277	9.63	-16.54	-6.90	71.28	-43.41	519.52	10.19	-191.97	131.96
20278	10.78	-15.88	-6.90	79.99	-44.19	475.02	17.17	-205.06	101.21
20279	11.89	-15.16	-6.90	87.70	-44.07	426.58	24.98	-214.86	68.51
20280	16.80	-9.56	-6.90	96.90	-3.09	53.13	92.87	-196.34	-111.90
20281	16.19	-10.65	-6.90	98.54	-16.40	129.64	76.33	-212.93	-95.34
20282	15.51	-11.70	-6.90	100.27	-28.01	200.91	62.59	-221.73	-67.51
20283	15.78	-9.48	-6.90	95.59	0.73	80.75	93.45	-174.15	-138.45
20284	15.36	-10.44	-6.90	96.30	-11.57	148.28	80.28	-192.84	-119.68
20285	14.89	-11.36	-6.90	97.49	-22.76	210.90	68.81	-205.31	-93.26
20286	14.77	-9.41	-6.90	94.97	6.72	97.57	91.22	-151.94	-165.36
20287	14.53	-10.23	-6.90	95.32	-4.72	156.54	81.54	-171.00	-145.41
20288	14.27	-11.03	-6.90	95.20	-15.81	210.98	72.33	-185.58	-120.03
20289	12.91	-14.38	-6.90	93.84	-42.73	375.97	33.11	-221.39	35.07
20290	12.60	-13.43	-6.90	93.14	-38.85	369.08	46.30	-203.47	-26.04
20291	12.30	-12.48	-6.90	92.78	-27.41	335.01	55.30	-179.53	-86.80
20292	13.85	-13.56	-6.90	97.96	-40.32	322.92	41.73	-224.32	0.80
20293	13.44	-12.81	-6.90	95.81	-35.57	319.92	52.57	-207.41	-46.86
20294	13.05	-12.07	-6.90	94.45	-25.64	297.66	60.34	-185.78	-94.52
20295	14.73	-12.67	-6.90	99.96	-36.17	264.91	51.02	-224.91	-33.17

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]
20296	14.25	-12.15	-6.90	97.12	-31.23	267.48	59.30	-209.29	-67.16
20297	13.77	-11.64	-6.90	95.51	-22.72	257.68	65.65	-190.15	-102.63
20298	11.67	-9.50	-8.30	87.60	22.01	65.44	115.12	-93.43	-194.66
20299	12.71	-9.45	-8.30	83.94	23.47	58.05	122.01	-106.11	-177.24
20300	13.75	-9.40	-8.30	80.52	25.05	47.11	128.47	-120.19	-158.70
20301	11.86	-10.51	-8.30	80.34	2.26	131.40	106.17	-118.62	-157.07
20302	12.77	-10.36	-8.30	78.91	5.75	115.60	112.40	-129.07	-146.54
20303	13.67	-10.20	-8.30	77.42	9.64	96.77	118.45	-139.29	-135.26
20304	12.05	-11.51	-8.30	74.67	-16.63	191.53	96.56	-141.52	-113.53
20305	12.82	-11.26	-8.30	75.04	-11.22	168.24	102.46	-149.41	-111.52
20306	13.59	-10.99	-8.30	75.52	-5.26	142.85	108.05	-156.66	-108.03
20307	0.56	-9.90	-8.30	105.94	5.79	95.34	37.43	-6.13	-278.24
20308	1.69	-9.89	-8.30	106.39	6.67	93.69	45.35	-13.13	-277.70
20309	2.81	-9.87	-8.30	106.29	7.87	91.81	53.31	-20.29	-275.33
20310	3.93	-9.85	-8.30	105.63	9.35	89.79	61.27	-27.64	-271.15
20311	5.05	-9.82	-8.30	104.42	11.06	87.64	69.17	-35.25	-265.21
20312	6.17	-9.78	-8.30	102.66	12.92	85.35	76.99	-43.25	-257.54
20313	7.28	-9.74	-8.30	100.39	14.84	82.83	84.74	-51.75	-248.19
20314	8.39	-9.69	-8.30	97.64	16.75	79.88	92.42	-60.89	-237.19
20315	9.50	-9.63	-8.30	94.50	18.59	76.17	100.08	-70.81	-224.57
20316	10.60	-9.56	-8.30	91.07	20.37	71.22	107.75	-81.66	-210.41
20317	0.58	-11.69	-8.30	79.47	-24.72	227.95	29.98	-9.96	-201.66
20318	1.75	-11.67	-8.30	80.58	-23.92	225.44	37.17	-21.17	-202.02
20319	2.91	-11.62	-8.30	81.57	-22.59	221.32	44.51	-32.34	-201.31
20320	4.07	-11.55	-8.30	82.40	-20.76	215.66	51.98	-43.40	-199.55
20321	5.22	-11.46	-8.30	83.03	-18.48	208.51	59.56	-54.33	-196.71
20322	6.37	-11.35	-8.30	83.41	-15.79	199.86	67.24	-65.13	-192.81
20323	7.51	-11.21	-8.30	83.48	-12.75	189.64	75.03	-75.83	-187.83
20324	8.64	-11.06	-8.30	83.21	-9.39	177.69	82.91	-86.52	-181.77
20325	9.75	-10.88	-8.30	82.59	-5.70	163.74	90.89	-97.22	-174.65
20326	10.86	-10.68	-8.30	81.62	-1.60	147.41	98.97	-108.00	-166.45
20327	0.60	-13.49	-8.30	56.57	-53.12	359.65	22.42	-13.00	-110.55
20328	1.81	-13.45	-8.30	58.35	-52.61	356.11	28.83	-28.29	-111.80
20329	3.02	-13.37	-8.30	60.36	-51.42	349.39	35.50	-43.40	-112.93
20330	4.21	-13.26	-8.30	62.54	-49.53	339.58	42.44	-58.11	-113.91
20331	5.40	-13.10	-8.30	64.80	-46.95	326.75	49.67	-72.29	-114.70
20332	6.58	-12.91	-8.30	67.05	-43.68	310.94	57.16	-85.84	-115.26
20333	7.74	-12.69	-8.30	69.19	-39.68	292.15	64.91	-98.71	-115.56
20334	8.88	-12.43	-8.30	71.12	-34.94	270.35	72.89	-110.89	-115.56
20335	10.01	-12.13	-8.30	72.73	-29.38	245.48	81.05	-122.34	-115.24
20336	11.11	-11.80	-8.30	73.90	-22.86	217.43	89.35	-132.85	-114.67
20337	0.63	-15.29	-8.30	35.76	-77.45	477.82	15.11	-15.20	-3.08
20338	1.88	-15.23	-8.30	38.22	-77.32	473.15	20.54	-34.61	-5.27
20339	3.12	-15.12	-8.30	41.23	-76.34	463.64	26.36	-53.66	-8.53
20340	4.36	-14.96	-8.30	44.69	-74.47	449.45	32.58	-72.04	-12.81
20341	5.58	-14.75	-8.30	48.50	-71.66	430.73	39.22	-89.45	-18.05
20342	6.78	-14.48	-8.30	52.55	-67.87	407.65	46.28	-105.68	-24.18
20343	7.97	-14.16	-8.30	56.69	-63.02	380.39	53.75	-120.57	-31.11
20344	9.13	-13.80	-8.30	60.77	-57.05	349.16	61.59	-134.03	-38.78
20345	10.27	-13.38	-8.30	64.60	-49.87	314.20	69.75	-145.96	-47.07
20346	11.37	-12.92	-8.30	67.91	-41.43	275.76	78.15	-156.24	-55.62
20347	0.65	-17.08	-8.30	15.17	-89.20	557.76	8.30	-16.47	117.70
20348	1.94	-17.01	-8.30	18.36	-89.51	552.21	12.07	-39.74	114.45
20349	3.22	-16.87	-8.30	22.47	-88.96	540.64	16.36	-62.52	108.54
20350	4.50	-16.66	-8.30	27.38	-87.50	523.28	21.23	-84.30	100.09
20351	5.75	-16.39	-8.30	32.96	-85.04	500.40	26.74	-104.65	89.24
20352	6.99	-16.04	-8.30	39.02	-81.49	472.34	32.94	-123.22	76.17
20353	8.20	-15.64	-8.30	45.36	-76.74	439.46	39.85	-139.76	61.10
20354	9.38	-15.17	-8.30	51.74	-70.68	402.20	47.47	-154.09	44.23
20355	10.52	-14.63	-8.30	57.85	-63.22	361.01	55.78	-166.14	25.83
20356	11.63	-14.04	-8.30	63.36	-54.22	316.36	64.67	-175.93	6.27
20357	0.67	-18.88	-8.30	-6.28	-76.41	571.87	2.30	-16.41	231.03
20358	2.00	-18.79	-8.30	-2.33	-77.44	566.45	3.21	-42.05	226.87
20359	3.33	-18.62	-8.30	3.06	-78.22	555.14	4.84	-67.17	218.49
20360	4.64	-18.37	-8.30	9.70	-78.54	538.18	7.39	-91.17	206.11
20361	5.93	-18.03	-8.30	17.35	-78.22	515.82	11.04	-113.50	190.01
20362	7.20	-17.61	-8.30	25.73	-77.04	488.39	15.92	-133.71	170.48
20363	8.43	-17.11	-8.30	34.50	-74.77	456.21	22.11	-151.48	147.89
20364	9.63	-16.54	-8.30	43.31	-71.16	419.67	29.66	-166.59	122.60
20365	10.78	-15.88	-8.30	51.71	-65.95	379.14	38.52	-178.98	95.00
20366	11.89	-15.16	-8.30	59.29	-58.88	334.94	48.54	-188.73	65.55
20367	16.80	-9.56	-8.30	73.71	32.16	0.96	136.08	-173.31	-91.87
20368	16.19	-10.65	-8.30	74.35	11.08	67.19	116.66	-189.17	-77.50
20369	15.51	-11.70	-8.30	74.50	-8.55	129.78	99.37	-197.92	-54.23
20370	15.78	-9.48	-8.30	75.88	28.19	21.59	135.84	-155.06	-113.26
20371	15.36	-10.44	-8.30	75.11	10.15	79.33	119.95	-172.46	-96.52
20372	14.89	-11.36	-8.30	74.34	-6.74	133.65	105.29	-184.20	-73.97
20373	14.77	-9.41	-8.30	78.27	26.43	35.43	133.55	-136.99	-136.06
20374	14.53	-10.23	-8.30	76.72	10.94	85.26	121.36	-154.62	-117.75
20375	14.27	-11.03	-8.30	74.52	-3.94	131.78	109.24	-168.08	-95.47
20376	12.91	-14.38	-8.30	65.51	-49.95	288.54	59.35	-195.78	35.45
20377	12.60	-13.43	-8.30	67.65	-44.44	272.17	73.69	-182.70	-13.28
20378	12.30	-12.48	-8.30	70.20	-33.28	239.64	85.64	-163.93	-63.66
20379	13.85	-13.56	-8.30	69.99	-39.03	239.85	71.04	-199.65	4.81
20380	13.44	-12.81	-8.30	70.70	-33.93	228.88	82.74	-186.52	-32.74
20381	13.05	-12.07	-8.30	72.18	-25.26	206.73	92.59	-169.22	-71.69
20382	14.73	-12.67	-8.30	72.81	-25.78	187.12	83.91	-200.94	-25.08
20383	14.25	-12.15	-8.30	72.56	-22.06	183.08	92.48	-188.19	-51.40
20384	13.77	-11.64	-8.30	73.54	-15.85	172.07	100.02	-172.56	-79.82
20385	0.62	-1.65	-9.50	313.02	236.87	-475.19	74.05	22.94	-393.08
20386	1.85	-1.65	-9.50	310.33	236.36	-477.77	88.57	37.89	-390.68
20387	3.08	-1.65	-9.50	304.71	235.21	-479.61	103.30	52.95	-385.32
20388	4.31	-1.65	-9.50	296.25	233.48	-480.73	118.13	67.82	-376.99
20389	5.55	-1.65	-9.50	285.14	231.22	-481.26	133.00	82.18	-365.69
20390	6.78	-1.65	-9.50	271.60	228.52	-481.34	147.89	95.78	-351.41
20391	8.01	-1.65	-9.50	255.97	225.44	-481.17	162.80	108.40	-334.14
20392	9.25	-1.65	-9.50	238.58	222.08	-480.92	177.78	119.88	-313.87
20393	10.48	-1.65	-9.50	219.83	218.54	-480.72	192.91	130.09	-290.54
20394	11.71	-1.65	-9.50	200.09	214.92	-480.49	208.27	138.97	-264.05

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]
20395	12.94	-1.65	-9.50	179.60	211.36	-479.95	223.95	146.43	-234.22
20396	14.18	-1.65	-9.50	158.36	208.02	-478.37	240.01	152.31	-200.75
20397	15.41	-1.65	-9.50	135.98	205.09	-474.61	256.51	156.20	-163.21
20398	16.64	-1.65	-9.50	111.70	202.75	-467.29	273.49	157.18	-121.11
20399	17.87	-1.65	-9.50	84.63	201.06	-455.40	291.07	153.84	-74.08
20400	19.11	-1.65	-9.50	54.34	199.87	-439.13	309.74	144.66	-22.16
20401	0.62	-0.55	-9.50	341.04	274.09	-544.19	74.51	26.73	-391.41
20402	1.85	-0.55	-9.50	338.36	273.02	-546.94	88.65	45.06	-389.02
20403	3.09	-0.55	-9.50	332.46	271.02	-548.93	103.03	63.59	-383.70
20404	4.33	-0.55	-9.50	323.44	268.17	-550.24	117.55	81.98	-375.41
20405	5.56	-0.55	-9.50	311.51	264.54	-550.98	132.18	99.93	-364.13
20406	6.80	-0.55	-9.50	296.95	260.23	-551.37	146.89	117.17	-349.84
20407	8.04	-0.55	-9.50	280.09	255.35	-551.59	161.71	133.49	-332.52
20408	9.27	-0.55	-9.50	261.33	250.06	-551.84	176.70	148.73	-312.11
20409	10.51	-0.55	-9.50	241.08	244.50	-552.19	191.93	162.77	-288.53
20410	11.75	-0.55	-9.50	219.73	238.85	-552.53	207.50	175.55	-261.63
20411	12.98	-0.55	-9.50	197.57	233.28	-552.38	223.48	187.04	-231.19
20412	14.22	-0.55	-9.50	174.60	227.96	-550.78	239.94	197.10	-196.86
20413	15.46	-0.55	-9.50	150.43	223.02	-546.15	256.92	205.31	-158.19
20414	16.69	-0.55	-9.50	124.24	218.48	-536.57	274.44	210.58	-114.71
20415	17.93	-0.55	-9.50	95.20	214.19	-520.48	292.58	211.00	-66.10
20416	19.17	-0.55	-9.50	63.08	209.73	-497.74	311.83	204.23	-12.48
20417	0.62	0.55	-9.50	368.14	310.17	-613.48	74.11	30.45	-385.09
20418	1.85	0.55	-9.50	365.52	308.53	-616.41	87.57	52.07	-382.81
20419	3.09	0.55	-9.50	359.39	305.69	-618.61	101.29	73.97	-377.63
20420	4.33	0.55	-9.50	349.91	301.72	-620.17	115.21	95.82	-369.52
20421	5.56	0.55	-9.50	337.30	296.72	-621.25	129.28	117.30	-358.45
20422	6.80	0.55	-9.50	321.87	290.82	-622.07	143.53	138.16	-344.36
20423	8.04	0.55	-9.50	303.97	284.17	-622.84	157.99	158.19	-327.21
20424	9.27	0.55	-9.50	284.04	276.96	-623.74	172.73	177.22	-306.91
20425	10.51	0.55	-9.50	262.50	269.42	-624.81	187.85	195.17	-283.33
20426	11.75	0.55	-9.50	239.78	261.77	-625.85	203.42	211.98	-256.28
20427	12.98	0.55	-9.50	216.17	254.24	-626.24	219.50	227.65	-225.50
20428	14.22	0.55	-9.50	191.71	247.01	-624.73	236.10	242.07	-190.62
20429	15.46	0.55	-9.50	165.97	240.13	-619.32	253.19	254.80	-151.22
20430	16.69	0.55	-9.50	138.14	233.50	-607.54	270.68	264.53	-106.86
20431	17.93	0.55	-9.50	107.41	226.73	-587.30	288.56	268.87	-57.35
20432	19.17	0.55	-9.50	73.78	219.19	-558.16	307.22	264.60	-2.94
20433	0.62	1.65	-9.50	393.93	344.24	-682.86	72.86	34.01	-374.09
20434	1.85	1.65	-9.50	391.36	342.05	-685.96	85.36	58.78	-371.97
20435	3.08	1.65	-9.50	385.07	338.42	-688.42	98.14	83.91	-367.04
20436	4.31	1.65	-9.50	375.22	333.41	-690.34	111.14	109.07	-359.25
20437	5.55	1.65	-9.50	362.06	327.12	-691.89	124.38	133.97	-348.55
20438	6.78	1.65	-9.50	345.92	319.72	-693.30	137.87	158.35	-334.86
20439	8.01	1.65	-9.50	327.20	311.40	-694.79	151.70	182.01	-318.10
20440	9.25	1.65	-9.50	306.34	302.40	-696.53	165.96	204.82	-298.12
20441	10.48	1.65	-9.50	283.77	292.99	-698.48	180.73	226.68	-274.77
20442	11.71	1.65	-9.50	259.94	283.48	-700.35	196.08	247.56	-247.82
20443	12.94	1.65	-9.50	235.15	274.12	-701.33	212.03	267.48	-216.97
20444	14.18	1.65	-9.50	209.41	265.11	-699.89	228.51	286.35	-181.86
20445	15.41	1.65	-9.50	182.30	256.46	-693.62	245.33	303.67	-142.10
20446	16.64	1.65	-9.50	152.96	247.91	-679.55	262.23	317.93	-97.37
20447	17.87	1.65	-9.50	120.62	238.91	-655.11	279.05	326.25	-47.63
20448	19.11	1.65	-9.50	85.50	228.60	-619.58	296.07	324.64	6.65
20449	0.62	-1.65	-10.50	358.02	283.00	-465.06	86.27	22.09	-340.53
20450	1.85	-1.65	-10.50	353.48	282.57	-467.43	104.65	34.39	-338.44
20451	3.08	-1.65	-10.50	345.91	281.60	-469.29	123.28	46.87	-333.75
20452	4.31	-1.65	-10.50	335.36	280.15	-470.67	142.07	59.28	-326.44
20453	5.55	-1.65	-10.50	321.96	278.29	-471.65	160.91	71.39	-316.45
20454	6.78	-1.65	-10.50	305.88	276.07	-472.36	179.77	82.99	-303.74
20455	8.01	-1.65	-10.50	287.34	273.59	-472.91	198.60	93.93	-288.25
20456	9.25	-1.65	-10.50	266.65	270.93	-473.44	217.43	104.08	-269.90
20457	10.48	-1.65	-10.50	244.12	268.15	-474.00	236.26	113.32	-248.59
20458	11.71	-1.65	-10.50	220.05	265.34	-474.50	255.11	121.54	-224.19
20459	12.94	-1.65	-10.50	194.68	262.59	-474.67	273.94	128.55	-196.48
20460	14.18	-1.65	-10.50	168.07	260.02	-473.91	292.73	133.97	-165.20
20461	15.41	-1.65	-10.50	140.07	257.76	-471.36	311.37	137.14	-130.00
20462	16.64	-1.65	-10.50	110.29	255.94	-466.02	329.82	136.96	-90.48
20463	17.87	-1.65	-10.50	78.26	254.58	-457.07	348.18	132.07	-46.26
20464	19.11	-1.65	-10.50	43.62	253.43	-444.39	367.04	121.22	2.97
20465	0.62	-0.55	-10.50	392.19	332.35	-527.74	86.89	25.24	-339.60
20466	1.85	-0.55	-10.50	387.67	331.24	-530.24	105.00	40.44	-337.53
20467	3.09	-0.55	-10.50	379.80	329.27	-532.26	123.40	55.89	-332.88
20468	4.33	-0.55	-10.50	368.64	326.49	-533.83	142.00	71.36	-325.59
20469	5.56	-0.55	-10.50	354.33	322.96	-535.06	160.71	86.61	-315.61
20470	6.80	-0.55	-10.50	337.08	318.77	-536.09	179.51	101.45	-302.88
20471	8.04	-0.55	-10.50	317.15	314.03	-537.05	198.37	115.71	-287.32
20472	9.27	-0.55	-10.50	294.84	308.84	-538.08	217.30	129.27	-268.80
20473	10.51	-0.55	-10.50	270.50	303.33	-539.18	236.31	142.04	-247.21
20474	11.75	-0.55	-10.50	244.45	297.61	-540.21	255.41	153.90	-222.35
20475	12.98	-0.55	-10.50	216.94	291.82	-540.74	274.58	164.67	-193.97
20476	14.22	-0.55	-10.50	188.05	286.06	-539.94	293.76	173.98	-161.78
20477	15.46	-0.55	-10.50	157.63	280.38	-536.64	312.86	181.07	-125.39
20478	16.69	-0.55	-10.50	125.39	274.77	-529.50	331.81	184.66	-84.45
20479	17.93	-0.55	-10.50	91.10	269.05	-517.43	350.68	182.97	-38.60
20480	19.17	-0.55	-10.50	54.81	262.81	-500.26	370.02	174.13	12.44
20481	0.62	0.55	-10.50	425.58	380.95	-590.90	86.58	28.33	-335.16
20482	1.85	0.55	-10.50	421.12	379.17	-593.56	104.09	46.35	-333.16
20483	3.09	0.55	-10.50	413.02	376.20	-595.76	121.92	64.72	-328.62
20484	4.33	0.55	-10.50	401.36	372.08	-597.59	139.98	83.19	-321.46
20485	5.56	0.55	-10.50	386.29	366.89	-599.14	158.22	101.55	-311.62
20486	6.80	0.55	-10.50	368.04	360.73	-600.59	176.60	119.60	-299.01
20487	8.04	0.55	-10.50	346.89	353.72	-602.09	195.14	137.20	-283.51
20488	9.27	0.55	-10.50	323.19	346.01	-603.72	213.84	154.22	-264.98
20489	10.51	0.55	-10.50	297.27	337.76	-605.49	232.72	170.59	-243.26
20490	11.75	0.55	-10.50	269.47	329.15	-607.15	251.78	186.21	-218.13
20491	12.98	0.55	-10.50	240.06	320.32	-608.12	270.96	200.89	-189.32
20492	14.22	0.55	-10.50	209.12	311.38	-607.36	290.16	214.24	-156.52
20493	15.46	0.55	-10.50	176.55	302.31	-603.37	309.23	225.44	-119.38



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]
20494	16.69	0.55	-10.50	142.13	292.95	-594.49	328.02	232.97	-77.61
20495	17.93	0.55	-10.50	105.84	282.93	-579.37	346.50	234.64	-30.95
20496	19.17	0.55	-10.50	68.25	271.71	-557.80	365.16	227.96	20.77
20497	0.62	1.65	-10.50	457.77	427.57	-653.89	85.37	31.29	-327.11
20498	1.85	1.65	-10.50	453.40	425.15	-656.69	101.96	52.02	-325.25
20499	3.08	1.65	-10.50	445.13	421.21	-659.13	118.88	73.19	-320.89
20500	4.31	1.65	-10.50	433.06	415.82	-661.27	136.06	94.57	-313.95
20501	5.55	1.65	-10.50	417.37	409.04	-663.26	153.47	115.94	-304.34
20502	6.78	1.65	-10.50	398.30	400.99	-665.26	171.10	137.14	-291.96
20503	8.01	1.65	-10.50	376.16	391.81	-667.41	188.97	158.03	-276.65
20504	9.25	1.65	-10.50	351.29	381.68	-669.79	207.11	178.51	-258.25
20505	10.48	1.65	-10.50	324.05	370.81	-672.34	225.53	198.49	-236.55
20506	11.71	1.65	-10.50	294.78	359.41	-674.71	244.23	217.89	-211.32
20507	12.94	1.65	-10.50	263.73	347.66	-676.15	263.09	236.53	-182.30
20508	14.18	1.65	-10.50	230.98	335.66	-675.40	281.94	253.97	-149.19
20509	15.41	1.65	-10.50	196.44	323.35	-670.67	300.50	269.30	-111.74
20510	16.64	1.65	-10.50	159.97	310.43	-659.96	318.48	280.81	-69.75
20511	17.87	1.65	-10.50	121.77	296.38	-641.75	335.73	285.90	-23.11
20512	19.11	1.65	-10.50	82.81	280.52	-615.77	352.63	281.50	28.19
20513	-19.11	-1.65	-9.50	118.19	175.13	-481.73	-69.97	-212.96	-96.48
20514	-17.87	-1.65	-9.50	140.84	178.20	-500.40	-68.55	-190.73	-132.81
20515	-16.64	-1.65	-9.50	158.38	182.23	-505.18	-64.88	-164.55	-166.30
20516	-15.41	-1.65	-9.50	172.29	187.19	-499.49	-59.66	-139.57	-196.93
20517	-14.18	-1.65	-9.50	184.81	192.86	-488.28	-53.41	-118.50	-224.94
20518	-12.94	-1.65	-9.50	197.69	198.91	-475.94	-46.44	-101.86	-250.67
20519	-11.71	-1.65	-9.50	211.66	205.00	-465.33	-38.87	-88.83	-274.34
20520	-10.48	-1.65	-9.50	226.60	210.86	-457.77	-30.72	-78.22	-296.09
20521	-9.25	-1.65	-9.50	241.97	216.30	-453.51	-21.96	-68.92	-315.93
20522	-8.01	-1.65	-9.50	257.11	221.20	-452.19	-12.52	-60.04	-333.80
20523	-6.78	-1.65	-9.50	271.36	225.48	-453.21	-2.33	-50.90	-349.59
20524	-5.55	-1.65	-9.50	284.15	229.12	-455.91	8.64	-41.06	-363.18
20525	-4.31	-1.65	-9.50	295.02	232.07	-459.63	20.40	-30.25	-374.41
20526	-3.08	-1.65	-9.50	303.58	234.32	-463.81	32.90	-18.37	-383.14
20527	-1.85	-1.65	-9.50	309.56	235.87	-468.02	46.09	-5.44	-389.24
20528	-0.62	-1.65	-9.50	312.74	236.71	-471.89	59.84	8.41	-392.58
20529	-19.17	-0.55	-9.50	122.04	198.98	-543.43	-66.05	-246.42	-86.36
20530	-17.93	-0.55	-9.50	147.54	202.96	-567.46	-65.32	-223.73	-123.92
20531	-16.69	-0.55	-9.50	167.48	207.79	-575.66	-62.00	-195.79	-158.92
20532	-15.46	-0.55	-9.50	183.30	213.60	-571.55	-56.86	-168.49	-191.05
20533	-14.22	-0.55	-9.50	197.42	220.25	-560.55	-50.54	-145.06	-220.35
20534	-12.98	-0.55	-9.50	211.78	227.43	-547.65	-43.45	-126.19	-247.08
20535	-11.75	-0.55	-9.50	227.25	234.79	-536.16	-35.80	-111.07	-271.48
20536	-10.51	-0.55	-9.50	243.76	241.99	-527.72	-27.65	-98.44	-293.72
20537	-9.27	-0.55	-9.50	260.77	248.78	-522.73	-18.96	-87.07	-313.88
20538	-8.04	-0.55	-9.50	277.57	254.96	-520.90	-9.67	-76.02	-331.94
20539	-6.80	-0.55	-9.50	293.45	260.41	-521.63	0.29	-64.56	-347.84
20540	-5.56	-0.55	-9.50	307.77	265.03	-524.22	10.97	-52.23	-361.48
20541	-4.33	-0.55	-9.50	320.01	268.76	-527.97	22.40	-38.75	-372.73
20542	-3.09	-0.55	-9.50	329.74	271.54	-532.29	34.54	-24.02	-381.46
20543	-1.85	-0.55	-9.50	336.63	273.37	-536.66	47.34	-8.08	-387.55
20544	-0.62	-0.55	-9.50	340.44	274.22	-540.72	60.70	8.92	-390.89
20545	-19.17	0.55	-9.50	126.32	222.62	-605.51	-60.87	-279.52	-72.77
20546	-17.93	0.55	-9.50	154.53	227.54	-634.95	-60.99	-256.56	-111.13
20547	-16.69	0.55	-9.50	176.82	233.17	-646.75	-58.17	-227.06	-147.41
20548	-15.46	0.55	-9.50	194.54	239.76	-644.47	-53.18	-197.58	-180.92
20549	-14.22	0.55	-9.50	210.24	247.28	-633.92	-46.79	-171.82	-211.46
20550	-12.98	0.55	-9.50	226.03	255.47	-620.59	-39.58	-150.69	-239.17
20551	-11.75	0.55	-9.50	242.90	263.97	-608.28	-31.85	-133.42	-264.28
20552	-10.51	0.55	-9.50	260.86	272.41	-598.93	-23.71	-118.66	-286.99
20553	-9.27	0.55	-9.50	279.37	280.45	-593.11	-15.16	-105.16	-307.44
20554	-8.04	0.55	-9.50	297.68	287.83	-590.64	-6.13	-91.87	-325.65
20555	-6.80	0.55	-9.50	315.05	294.37	-590.94	3.47	-78.06	-341.60
20556	-5.56	0.55	-9.50	330.77	299.92	-593.27	13.70	-63.22	-355.23
20557	-4.33	0.55	-9.50	344.28	304.38	-596.93	24.59	-47.09	-366.43
20558	-3.09	0.55	-9.50	355.09	307.67	-601.25	36.14	-29.54	-375.12
20559	-1.85	0.55	-9.50	362.82	309.75	-605.70	48.30	-10.64	-381.18
20560	-0.62	0.55	-9.50	367.23	310.58	-609.87	60.98	9.44	-384.53
20561	-19.11	1.65	-9.50	131.22	245.57	-667.50	-54.47	-311.84	-55.69
20562	-17.87	1.65	-9.50	161.94	251.50	-702.32	-55.60	-288.82	-94.40
20563	-16.64	1.65	-9.50	186.47	257.95	-717.94	-53.41	-258.05	-131.65
20564	-15.41	1.65	-9.50	206.07	265.27	-717.83	-48.66	-226.59	-166.38
20565	-14.18	1.65	-9.50	223.30	273.54	-708.06	-42.25	-198.58	-198.10
20566	-12.94	1.65	-9.50	240.43	282.59	-694.55	-34.91	-175.19	-226.76
20567	-11.71	1.65	-9.50	258.58	292.06	-681.54	-27.10	-155.70	-252.57
20568	-10.48	1.65	-9.50	277.82	301.55	-671.27	-19.01	-138.75	-275.75
20569	-9.25	1.65	-9.50	297.63	310.68	-664.55	-10.65	-123.02	-296.46
20570	-8.01	1.65	-9.50	317.26	319.12	-661.30	-1.96	-107.44	-314.79
20571	-6.78	1.65	-9.50	335.93	326.62	-660.99	7.14	-91.24	-330.75
20572	-5.55	1.65	-9.50	352.89	332.99	-662.90	16.75	-73.91	-344.32
20573	-4.31	1.65	-9.50	367.51	338.10	-666.30	26.92	-55.14	-355.44
20574	-3.08	1.65	-9.50	379.28	341.83	-670.49	37.66	-34.86	-364.05
20575	-1.85	1.65	-9.50	387.77	344.12	-674.91	48.93	-13.10	-370.07
20576	-0.62	1.65	-9.50	392.71	344.93	-679.12	60.69	9.95	-373.44
20577	-19.11	-1.65	-10.50	149.53	220.47	-463.75	-91.52	-187.64	-72.58
20578	-17.87	-1.65	-10.50	176.68	225.88	-477.75	-92.01	-169.57	-105.27
20579	-16.64	-1.65	-10.50	199.76	231.65	-482.27	-89.41	-147.17	-135.75
20580	-15.41	-1.65	-10.50	219.30	237.70	-479.36	-84.35	-124.52	-163.86
20581	-14.18	-1.65	-10.50	236.56	243.84	-472.15	-77.41	-104.28	-189.68
20582	-12.94	-1.65	-10.50	252.74	249.85	-463.66	-69.02	-87.50	-213.34
20583	-11.71	-1.65	-10.50	268.54	255.55	-456.04	-59.47	-74.08	-234.99
20584	-10.48	-1.65	-10.50	284.11	260.82	-450.45	-48.91	-63.29	-254.73
20585	-9.25	-1.65	-10.50	299.23	265.57	-447.25	-37.40	-54.26	-272.57
20586	-8.01	-1.65	-10.50	313.51	269.78	-446.26	-24.97	-46.13	-288.51
20587	-6.78	-1.65	-10.50	326.50	273.42	-447.08	-11.60	-38.22	-302.50
20588	-5.55	-1.65	-10.50	337.79	276.49	-449.21	2.70	-30.02	-314.45
20589	-4.31	-1.65	-10.50	347.02	278.98	-452.18	17.91	-21.19	-324.28
20590	-3.08	-1.65	-10.50	353.88	280.87	-455.55	33.98	-11.55	-331.89
20591	-1.85	-1.65	-10.50	358.12	282.18	-458.98	50.80	-1.06	-337.19
20592	-0.62	-1.65	-10.50	359.54	282.88	-462.21	68.27	10.20	-340.10

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]
20593	-19.17	-0.55	-10.50	154.08	250.67	-521.48	-86.53	-217.36	-63.29
20594	-17.93	-0.55	-10.50	184.40	257.89	-539.42	-87.78	-199.20	-96.98
20595	-16.69	-0.55	-10.50	210.49	265.31	-546.58	-85.73	-175.53	-128.77
20596	-15.46	-0.55	-10.50	232.74	272.94	-545.02	-81.02	-150.98	-158.26
20597	-14.22	-0.55	-10.50	252.40	280.70	-538.11	-74.28	-128.60	-185.35
20598	-12.98	-0.55	-10.50	270.77	288.40	-529.25	-66.03	-109.69	-210.06
20599	-11.75	-0.55	-10.50	288.64	295.86	-520.94	-56.58	-94.20	-232.51
20600	-10.51	-0.55	-10.50	306.22	302.89	-514.59	-46.13	-81.40	-252.81
20601	-9.27	-0.55	-10.50	323.31	309.35	-510.71	-34.76	-70.37	-271.05
20602	-8.04	-0.55	-10.50	339.49	315.13	-509.20	-22.49	-60.20	-287.24
20603	-6.80	-0.55	-10.50	354.29	320.16	-509.68	-9.32	-50.17	-301.38
20604	-5.56	-0.55	-10.50	367.26	324.39	-511.62	4.75	-39.74	-313.42
20605	-4.33	-0.55	-10.50	377.97	327.77	-514.52	19.69	-28.57	-323.29
20606	-3.09	-0.55	-10.50	386.07	330.27	-517.91	35.47	-16.47	-330.92
20607	-1.85	-0.55	-10.50	391.28	331.87	-521.42	52.00	-3.40	-336.23
20608	-0.62	-0.55	-10.50	393.37	332.57	-524.76	69.18	10.56	-339.15
20609	-19.17	0.55	-10.50	159.18	280.70	-579.75	-79.95	-246.76	-51.22
20610	-17.93	0.55	-10.50	192.49	289.76	-601.66	-82.06	-228.66	-85.49
20611	-16.69	0.55	-10.50	221.48	298.84	-611.59	-80.67	-203.92	-118.30
20612	-15.46	0.55	-10.50	246.37	308.04	-611.55	-76.37	-177.61	-149.01
20613	-14.22	0.55	-10.50	268.39	317.35	-605.12	-69.87	-153.16	-177.30
20614	-12.98	0.55	-10.50	288.89	326.67	-596.00	-61.77	-132.11	-203.05
20615	-11.75	0.55	-10.50	308.75	335.80	-587.06	-52.46	-114.51	-226.34
20616	-10.51	0.55	-10.50	328.23	344.52	-579.94	-42.18	-99.64	-247.27
20617	-9.27	0.55	-10.50	347.16	352.62	-575.32	-31.05	-86.52	-265.94
20618	-8.04	0.55	-10.50	365.13	359.92	-573.20	-19.10	-74.24	-282.41
20619	-6.80	0.55	-10.50	381.63	366.30	-573.22	-6.32	-62.04	-296.71
20620	-5.56	0.55	-10.50	396.16	371.64	-574.86	7.29	-49.37	-308.84
20621	-4.33	0.55	-10.50	408.26	375.88	-577.59	21.73	-35.85	-318.74
20622	-3.09	0.55	-10.50	417.54	378.97	-580.91	36.96	-21.31	-326.39
20623	-1.85	0.55	-10.50	423.67	380.85	-584.43	52.91	-5.69	-331.71
20624	-0.62	0.55	-10.50	426.40	381.52	-587.83	69.49	10.91	-334.65
20625	-19.11	1.65	-10.50	165.04	309.69	-637.73	-71.85	-275.45	-36.38
20626	-17.87	1.65	-10.50	201.13	320.61	-663.55	-74.91	-257.58	-70.74
20627	-16.64	1.65	-10.50	232.86	331.33	-676.39	-74.25	-232.01	-104.24
20628	-15.41	1.65	-10.50	260.27	342.05	-678.11	-70.44	-204.15	-135.97
20629	-14.18	1.65	-10.50	284.55	352.85	-672.40	-64.22	-177.78	-165.35
20630	-12.94	1.65	-10.50	307.07	363.70	-663.24	-56.30	-154.65	-192.14
20631	-11.71	1.65	-10.50	328.79	374.40	-653.76	-47.17	-134.92	-216.29
20632	-10.48	1.65	-10.50	350.03	384.69	-645.90	-37.14	-117.90	-237.90
20633	-9.25	1.65	-10.50	370.65	394.31	-640.49	-26.36	-102.63	-257.06
20634	-8.01	1.65	-10.50	390.23	403.02	-637.66	-14.87	-88.18	-273.86
20635	-6.78	1.65	-10.50	408.27	410.65	-637.09	-2.65	-73.76	-288.36
20636	-5.55	1.65	-10.50	424.22	417.03	-638.30	10.30	-58.82	-300.58
20637	-4.31	1.65	-10.50	437.58	422.07	-640.73	24.00	-42.97	-310.53
20638	-3.08	1.65	-10.50	447.93	425.69	-643.88	38.43	-26.02	-318.19
20639	-1.85	1.65	-10.50	454.91	427.84	-647.32	53.52	-7.92	-323.53
20640	-0.62	1.65	-10.50	458.25	428.47	-650.73	69.20	11.24	-326.52
20641	-23.52	-1.65	-9.50	0.18	163.46	-262.14	-18.84	-58.33	134.42
20642	-22.67	-1.65	-9.50	6.59	166.19	-290.00	-35.45	-132.39	92.62
20643	-21.83	-1.65	-9.50	24.32	168.44	-335.12	-49.88	-184.61	46.37
20644	-20.99	-1.65	-9.50	52.67	170.48	-389.90	-61.20	-216.83	-2.83
20645	-20.14	-1.65	-9.50	87.38	172.64	-443.67	-68.11	-225.14	-52.85
20646	-23.57	-0.55	-9.50	-1.08	177.64	-287.76	-12.21	-57.77	137.00
20647	-22.73	-0.55	-9.50	3.95	182.47	-320.43	-28.37	-141.76	98.41
20648	-21.89	-0.55	-9.50	21.29	187.07	-372.15	-42.93	-203.18	54.57
20649	-21.05	-0.55	-9.50	50.75	191.29	-435.02	-55.03	-243.16	7.10
20650	-20.20	-0.55	-9.50	88.07	195.23	-497.69	-63.11	-256.70	-42.21
20651	-23.57	0.55	-9.50	-1.94	191.03	-313.95	-4.28	-57.18	139.58
20652	-22.73	0.55	-9.50	1.71	198.18	-351.35	-19.65	-151.33	104.84
20653	-21.89	0.55	-9.50	18.70	205.29	-409.52	-34.39	-221.61	64.06
20654	-21.05	0.55	-9.50	49.36	211.74	-480.49	-47.35	-269.15	19.15
20655	-20.20	0.55	-9.50	89.30	217.52	-552.11	-56.71	-287.83	-28.68
20656	-23.52	1.65	-9.50	-2.63	203.04	-342.04	5.17	-58.25	143.21
20657	-22.67	1.65	-9.50	-0.49	213.02	-382.33	-9.38	-161.25	111.60
20658	-21.83	1.65	-9.50	16.74	222.82	-446.78	-24.56	-239.70	74.69
20659	-20.99	1.65	-9.50	48.83	231.38	-525.91	-38.31	-294.54	33.31
20660	-20.14	1.65	-9.50	91.34	239.05	-606.50	-48.98	-318.18	-12.27
20661	-23.52	-1.65	-10.50	2.70	189.77	-315.82	-21.70	-51.71	136.04
20662	-22.67	-1.65	-10.50	15.41	197.05	-324.57	-42.13	-116.15	97.43
20663	-21.83	-1.65	-10.50	41.56	203.17	-356.46	-60.72	-161.50	55.26
20664	-20.99	-1.65	-10.50	76.21	208.98	-397.13	-76.10	-189.18	10.96
20665	-20.14	-1.65	-10.50	115.06	214.86	-436.25	-86.77	-196.85	-33.66
20666	-23.57	-0.55	-10.50	1.56	205.90	-347.21	-14.25	-50.51	138.71
20667	-22.73	-0.55	-10.50	13.21	215.79	-359.34	-34.20	-124.03	102.93
20668	-21.89	-0.55	-10.50	39.25	225.01	-396.32	-52.86	-177.79	62.83
20669	-21.05	-0.55	-10.50	75.03	233.99	-442.98	-68.98	-212.37	20.00
20670	-20.20	-0.55	-10.50	116.42	242.76	-488.49	-80.74	-224.68	-23.98
20671	-23.57	0.55	-10.50	1.05	221.81	-379.25	-5.73	-49.19	140.86
20672	-22.73	0.55	-10.50	11.69	233.94	-394.71	-24.63	-132.17	108.56
20673	-21.89	0.55	-10.50	37.45	246.42	-436.70	-43.25	-194.01	71.13
20674	-21.05	0.55	-10.50	74.46	258.73	-489.35	-60.19	-235.29	30.55
20675	-20.20	0.55	-10.50	118.42	270.43	-541.28	-73.08	-252.15	-12.10
20676	-23.52	1.65	-10.50	0.97	236.90	-411.55	3.68	-50.04	143.90
20677	-22.67	1.65	-10.50	10.36	250.32	-429.85	-13.20	-140.62	113.91
20678	-21.83	1.65	-10.50	36.34	266.94	-476.81	-32.23	-209.94	80.05
20679	-20.99	1.65	-10.50	74.87	282.38	-535.48	-49.90	-257.69	42.59
20680	-20.14	1.65	-10.50	121.39	297.03	-593.84	-63.88	-278.94	1.98
20681	20.14	-1.65	-9.50	16.96	198.36	-418.54	333.87	126.66	41.45
20682	20.99	-1.65	-9.50	-26.62	195.15	-401.03	369.98	99.70	114.87
20683	21.83	-1.65	-9.50	-73.69	190.72	-399.41	428.75	72.51	182.45
20684	22.67	-1.65	-9.50	-118.78	176.87	-465.94	561.05	44.41	234.81
20685	23.52	-1.65	-9.50	-106.25	106.00	-489.20	932.62	-33.34	124.83
20686	20.20	-0.55	-9.50	24.53	203.61	-467.17	336.74	185.98	52.89
20687	21.05	-0.55	-9.50	-18.13	194.16	-435.72	374.81	153.85	128.26
20688	21.89	-0.55	-9.50	-58.99	181.92	-417.93	442.91	114.47	203.19
20689	22.73	-0.55	-9.50	-83.45	148.75	-452.58	586.70	75.09	269.83
20690	23.57	-0.55	-9.50	-27.69	107.81	-396.20	911.49	59.13	92.98
20691	20.20	0.55	-9.50	34.52	208.61	-517.59	331.14	246.10	63.02

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]
20692	21.05	0.55	-9.50	-5.91	192.71	-472.23	367.83	208.51	138.83
20693	21.89	0.55	-9.50	-34.57	167.23	-436.99	433.59	160.53	214.76
20694	22.73	0.55	-9.50	-35.20	137.67	-429.51	570.47	116.36	277.98
20695	23.57	0.55	-9.50	-19.42	132.77	-355.94	886.88	81.52	89.43
20696	20.14	1.65	-9.50	45.12	214.09	-568.91	317.26	306.13	72.07
20697	20.99	1.65	-9.50	5.52	192.56	-509.14	349.06	263.42	146.75
20698	21.83	1.65	-9.50	-18.12	161.11	-456.33	402.38	203.97	216.47
20699	22.67	1.65	-9.50	-10.62	120.09	-414.59	519.64	145.34	268.17
20700	23.52	1.65	-9.50	15.68	140.85	-312.51	858.46	122.20	111.37
20701	20.14	-1.65	-10.50	1.16	251.30	-427.03	391.02	101.66	65.23
20702	20.99	-1.65	-10.50	-51.36	245.73	-409.11	427.08	73.81	142.88
20703	21.83	-1.65	-10.50	-115.46	232.57	-402.02	490.10	42.04	233.13
20704	22.67	-1.65	-10.50	-210.92	198.59	-426.96	629.36	21.35	363.80
20705	23.52	-1.65	-10.50	-374.66	92.19	-609.27	1118.72	-28.46	628.93
20706	20.20	-0.55	-10.50	12.34	254.13	-476.38	394.49	154.40	76.64
20707	21.05	-0.55	-10.50	-36.31	240.97	-449.81	431.82	122.08	157.06
20708	21.89	-0.55	-10.50	-88.03	220.33	-432.59	498.83	81.44	253.98
20709	22.73	-0.55	-10.50	-149.87	182.66	-438.34	640.86	53.09	395.52
20710	23.57	-0.55	-10.50	-262.26	94.84	-500.77	1135.41	13.79	650.67
20711	20.20	0.55	-10.50	26.14	256.68	-527.45	388.48	208.07	85.46
20712	21.05	0.55	-10.50	-17.40	235.53	-492.32	424.02	171.46	166.26
20713	21.89	0.55	-10.50	-54.15	207.07	-462.36	487.88	124.49	263.06
20714	22.73	0.55	-10.50	-86.54	168.08	-447.93	622.53	87.24	401.87
20715	23.57	0.55	-10.50	-148.74	122.94	-420.11	1102.10	37.40	639.67
20716	20.14	1.65	-10.50	40.61	259.56	-578.81	373.27	261.68	91.92
20717	20.99	1.65	-10.50	0.49	231.44	-534.75	404.01	220.70	170.61
20718	21.83	1.65	-10.50	-25.92	197.13	-492.94	459.20	164.58	261.06
20719	22.67	1.65	-10.50	-35.85	160.50	-461.79	580.99	112.46	387.26
20720	23.52	1.65	-10.50	-60.43	145.15	-365.65	1033.35	45.01	616.64
20721	0.61	2.50	-9.50	412.85	368.80	-736.51	71.36	36.65	-362.37
20722	1.84	2.50	-9.50	410.34	366.24	-739.77	82.95	63.74	-360.42
20723	3.07	2.50	-9.50	403.95	362.05	-742.47	94.81	91.25	-355.74
20724	4.30	2.50	-9.50	393.87	356.30	-744.73	106.94	118.87	-348.28
20725	5.52	2.50	-9.50	380.37	349.13	-746.74	119.34	146.30	-337.96
20726	6.75	2.50	-9.50	363.81	340.68	-748.73	132.08	173.32	-324.68
20727	7.98	2.50	-9.50	344.58	331.19	-750.92	145.25	199.73	-308.33
20728	9.21	2.50	-9.50	323.15	320.93	-753.43	158.96	225.41	-288.74
20729	10.43	2.50	-9.50	299.97	310.22	-756.17	173.30	250.28	-265.70
20730	11.66	2.50	-9.50	275.46	299.40	-758.75	188.35	274.33	-238.96
20731	12.89	2.50	-9.50	249.92	288.76	-760.19	204.05	297.55	-208.21
20732	14.12	2.50	-9.50	223.34	278.51	-758.75	220.25	319.87	-173.10
20733	15.34	2.50	-9.50	195.25	268.63	-751.71	236.62	340.74	-133.28
20734	16.57	2.50	-9.50	164.79	258.76	-735.73	252.74	358.50	-88.57
20735	17.80	2.50	-9.50	131.20	248.20	-707.95	268.29	369.92	-39.10
20736	19.03	2.50	-9.50	94.80	235.95	-667.47	283.45	370.49	14.52
20737	0.61	3.10	-9.50	425.39	385.04	-774.47	70.01	38.40	-352.04
20738	1.83	3.10	-9.50	422.91	382.24	-777.85	80.86	67.02	-350.23
20739	3.06	3.10	-9.50	416.48	377.71	-780.77	92.00	96.11	-345.76
20740	4.28	3.10	-9.50	406.28	371.52	-783.34	103.41	125.36	-338.56
20741	5.50	3.10	-9.50	392.60	363.80	-785.75	115.14	154.49	-328.56
20742	6.72	3.10	-9.50	375.81	354.73	-788.25	127.25	183.29	-315.64
20743	7.94	3.10	-9.50	356.33	344.54	-791.03	139.85	211.57	-299.66
20744	9.17	3.10	-9.50	334.62	333.51	-794.18	153.07	239.23	-280.42
20745	10.39	3.10	-9.50	311.13	321.99	-797.57	167.02	266.19	-257.70
20746	11.61	3.10	-9.50	286.28	310.35	-800.70	181.75	292.44	-231.21
20747	12.83	3.10	-9.50	260.32	298.91	-802.47	197.17	317.98	-200.64
20748	14.05	3.10	-9.50	233.24	287.88	-800.96	213.06	342.72	-165.66
20749	15.28	3.10	-9.50	204.53	277.20	-793.25	228.98	366.06	-125.98
20750	16.50	3.10	-9.50	173.29	266.48	-775.79	244.39	386.23	-81.51
20751	17.72	3.10	-9.50	138.78	254.92	-745.56	258.84	399.83	-32.55
20752	18.94	3.10	-9.50	101.39	241.47	-701.57	272.43	402.03	20.19
20753	0.61	2.50	-10.50	481.74	461.81	-702.25	83.86	33.48	-318.21
20754	1.84	2.50	-10.50	477.44	458.92	-705.18	99.54	56.22	-316.48
20755	3.07	2.50	-10.50	469.08	454.30	-707.83	115.55	79.48	-312.29
20756	4.30	2.50	-10.50	456.76	448.00	-710.29	131.84	103.02	-305.56
20757	5.52	2.50	-10.50	440.68	440.09	-712.69	148.39	126.66	-296.19
20758	6.75	2.50	-10.50	421.08	430.69	-715.20	165.22	150.23	-284.03
20759	7.98	2.50	-10.50	398.30	419.95	-717.96	182.36	173.62	-268.93
20760	9.21	2.50	-10.50	372.69	408.08	-721.02	199.84	196.74	-250.69
20761	10.43	2.50	-10.50	344.61	395.30	-724.25	217.70	219.51	-229.07
20762	11.66	2.50	-10.50	314.37	381.87	-727.22	235.90	241.84	-203.86
20763	12.89	2.50	-10.50	282.22	368.00	-729.03	254.30	263.51	-174.78
20764	14.12	2.50	-10.50	248.21	353.79	-728.23	272.64	284.10	-141.62
20765	15.34	2.50	-10.50	212.25	339.14	-722.81	290.51	302.59	-104.19
20766	16.57	2.50	-10.50	174.25	323.67	-710.60	307.49	317.14	-62.40
20767	17.80	2.50	-10.50	134.53	306.75	-689.92	323.32	324.88	-16.31
20768	19.03	2.50	-10.50	94.34	287.57	-660.50	338.29	322.33	33.99
20769	0.61	3.10	-10.50	497.85	484.63	-736.32	82.48	34.92	-309.93
20770	1.83	3.10	-10.50	493.60	481.45	-739.35	97.42	59.02	-308.31
20771	3.06	3.10	-10.50	485.20	476.41	-742.19	112.67	83.67	-304.26
20772	4.28	3.10	-10.50	472.75	469.53	-744.91	128.22	108.67	-297.70
20773	5.50	3.10	-10.50	456.45	460.91	-747.67	144.06	133.83	-288.52
20774	6.72	3.10	-10.50	436.56	450.66	-750.62	160.20	159.02	-276.56
20775	7.94	3.10	-10.50	413.43	438.94	-753.89	176.69	184.13	-261.65
20776	9.17	3.10	-10.50	387.41	425.95	-757.51	193.59	209.08	-243.56
20777	10.39	3.10	-10.50	358.86	411.95	-761.30	210.92	233.78	-222.06
20778	11.61	3.10	-10.50	328.08	397.20	-764.72	228.65	258.13	-196.92
20779	12.83	3.10	-10.50	295.27	381.95	-766.78	246.59	281.92	-167.91
20780	14.05	3.10	-10.50	260.47	366.29	-765.89	264.43	304.67	-134.84
20781	15.28	3.10	-10.50	223.57	350.11	-759.90	281.66	325.32	-97.61
20782	16.50	3.10	-10.50	184.50	332.97	-746.51	297.76	341.93	-56.24
20783	17.72	3.10	-10.50	143.66	314.20	-724.00	312.38	351.50	-10.90
20784	18.94	3.10	-10.50	102.45	292.92	-692.11	325.74	350.35	38.22
20785	20.06	2.50	-9.50	52.99	218.83	-608.81	301.77	352.15	78.84
20786	20.91	2.50	-9.50	12.10	194.02	-537.55	328.54	305.64	151.52
20787	21.75	2.50	-9.50	-14.57	162.46	-471.29	372.54	234.68	218.02
20788	22.60	2.50	-9.50	-15.83	116.23	-410.60	465.56	153.49	245.81
20789	23.44	2.50	-9.50	2.89	114.29	-287.91	736.99	131.42	93.45
20790	19.98	3.10	-9.50	58.13	222.53	-637.01	288.46	384.20	83.36

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]
20791	20.83	3.10	-9.50	14.96	196.18	-557.28	311.75	335.15	154.51
20792	21.68	3.10	-9.50	-17.18	163.35	-480.75	350.54	256.25	219.21
20793	22.52	3.10	-9.50	-35.86	131.15	-411.48	431.61	149.89	236.91
20794	23.37	3.10	-9.50	-101.00	97.11	-297.90	676.28	69.10	59.28
20795	20.06	2.50	-10.50	51.39	262.35	-618.18	356.08	302.67	96.08
20796	20.91	2.50	-10.50	11.97	229.62	-566.69	382.45	258.00	172.24
20797	21.75	2.50	-10.50	-10.92	192.64	-517.00	430.20	191.93	257.03
20798	22.60	2.50	-10.50	-9.78	161.32	-476.46	540.72	120.34	367.87
20799	23.44	2.50	-10.50	-10.08	177.30	-346.89	973.71	37.53	572.00
20800	19.98	3.10	-10.50	58.35	264.79	-645.65	341.24	330.97	98.81
20801	20.83	3.10	-10.50	18.14	228.58	-588.28	364.58	283.68	173.08
20802	21.68	3.10	-10.50	-5.28	190.71	-532.26	408.11	209.31	254.36
20803	22.52	3.10	-10.50	-2.67	163.10	-493.03	514.73	116.09	357.90
20804	23.37	3.10	-10.50	13.99	210.69	-345.90	944.95	10.91	533.32
20805	-19.03	2.50	-9.50	135.47	262.73	-715.31	-48.73	-336.24	-39.94
20806	-17.80	2.50	-9.50	167.98	269.47	-754.25	-50.72	-313.32	-78.59
20807	-16.57	2.50	-9.50	194.17	276.55	-772.97	-49.12	-281.74	-116.40
20808	-15.34	2.50	-9.50	215.17	284.39	-774.78	-44.63	-248.91	-151.97
20809	-14.12	2.50	-9.50	233.66	293.15	-765.85	-38.25	-219.25	-184.54
20810	-12.89	2.50	-9.50	251.66	302.74	-752.39	-30.85	-194.11	-213.94
20811	-11.66	2.50	-9.50	270.69	312.83	-738.91	-22.99	-172.87	-240.31
20812	-10.43	2.50	-9.50	290.79	322.99	-727.95	-14.95	-154.17	-263.87
20813	-9.21	2.50	-9.50	311.48	332.81	-720.48	-6.78	-136.67	-284.80
20814	-7.98	2.50	-9.50	331.99	341.93	-716.53	1.58	-119.28	-303.22
20815	-6.75	2.50	-9.50	351.53	350.05	-715.64	10.23	-101.21	-319.18
20816	-5.52	2.50	-9.50	369.32	356.96	-717.11	19.27	-81.94	-332.69
20817	-4.30	2.50	-9.50	384.69	362.49	-720.18	28.77	-61.18	-343.73
20818	-3.07	2.50	-9.50	397.11	366.50	-724.18	38.75	-38.82	-352.27
20819	-1.84	2.50	-9.50	406.12	368.92	-728.50	49.20	-14.92	-358.25
20820	-0.61	2.50	-9.50	411.42	369.70	-732.70	60.09	10.32	-361.64
20821	-18.94	3.10	-9.50	138.89	274.47	-749.02	-44.26	-352.91	-27.34
20822	-17.72	3.10	-9.50	172.52	281.84	-790.83	-46.89	-330.17	-65.74
20823	-16.50	3.10	-9.50	199.79	289.41	-811.83	-45.74	-298.17	-103.80
20824	-15.28	3.10	-9.50	221.75	297.61	-815.17	-41.49	-264.49	-139.86
20825	-14.05	3.10	-9.50	240.93	306.69	-807.05	-35.16	-233.73	-172.99
20826	-12.83	3.10	-9.50	259.67	316.59	-793.77	-27.74	-207.38	-202.88
20827	-11.61	3.10	-9.50	279.25	327.02	-780.05	-19.87	-184.89	-229.64
20828	-10.39	3.10	-9.50	299.87	337.54	-768.61	-11.89	-164.92	-253.45
20829	-9.17	3.10	-9.50	321.06	347.74	-760.57	-3.88	-146.13	-274.54
20830	-7.94	3.10	-9.50	342.08	357.23	-756.07	4.22	-127.43	-293.01
20831	-6.72	3.10	-9.50	362.11	365.70	-754.68	12.51	-108.04	-308.96
20832	-5.50	3.10	-9.50	380.39	372.91	-755.74	21.10	-87.41	-322.42
20833	-4.28	3.10	-9.50	396.21	378.66	-758.50	30.07	-65.26	-333.40
20834	-3.06	3.10	-9.50	409.00	382.83	-762.27	39.45	-41.49	-341.87
20835	-1.83	3.10	-9.50	418.31	385.32	-766.47	49.26	-16.15	-347.83
20836	-0.61	3.10	-9.50	423.84	386.06	-770.63	59.46	10.57	-351.23
20837	-19.03	2.50	-10.50	170.19	331.22	-682.14	-64.62	-297.12	-22.67
20838	-17.80	2.50	-10.50	208.25	343.54	-710.96	-68.44	-279.52	-56.78
20839	-16.57	2.50	-10.50	241.96	355.50	-726.13	-68.40	-253.46	-90.56
20840	-15.34	2.50	-10.50	271.23	367.36	-729.38	-65.02	-224.57	-122.93
20841	-14.12	2.50	-10.50	297.18	379.26	-724.42	-59.07	-196.83	-153.10
20842	-12.89	2.50	-10.50	321.19	391.21	-715.36	-51.32	-172.13	-180.68
20843	-11.66	2.50	-10.50	344.24	403.02	-705.56	-42.36	-150.76	-205.54
20844	-10.43	2.50	-10.50	366.72	414.43	-697.12	-32.58	-132.05	-227.73
20845	-9.21	2.50	-10.50	388.51	425.12	-691.07	-22.14	-115.08	-247.32
20846	-7.98	2.50	-10.50	409.23	434.83	-687.62	-11.10	-98.89	-264.43
20847	-6.75	2.50	-10.50	428.34	443.33	-686.52	0.56	-82.73	-279.11
20848	-5.52	2.50	-10.50	445.27	450.44	-687.30	12.88	-66.01	-291.44
20849	-4.30	2.50	-10.50	459.52	456.03	-689.42	25.87	-48.36	-301.44
20850	-3.07	2.50	-10.50	470.62	460.02	-692.35	39.51	-29.58	-309.13
20851	-1.84	2.50	-10.50	478.20	462.34	-695.68	53.77	-9.61	-314.50
20852	-0.61	2.50	-10.50	481.96	462.95	-699.05	68.58	11.46	-317.54
20853	-18.94	3.10	-10.50	174.35	345.71	-713.34	-59.03	-311.91	-11.49
20854	-17.72	3.10	-10.50	213.61	358.99	-744.24	-63.37	-294.57	-45.19
20855	-16.50	3.10	-10.50	248.61	371.86	-761.11	-63.78	-268.30	-79.01
20856	-15.28	3.10	-10.50	279.12	384.51	-765.58	-60.73	-238.82	-111.70
20857	-14.05	3.10	-10.50	306.18	397.16	-761.30	-54.99	-210.21	-142.36
20858	-12.83	3.10	-10.50	331.16	409.84	-752.44	-47.39	-184.47	-170.47
20859	-11.61	3.10	-10.50	355.07	422.38	-742.47	-38.59	-161.94	-195.84
20860	-10.39	3.10	-10.50	378.33	434.49	-733.66	-29.01	-142.03	-218.45
20861	-9.17	3.10	-10.50	400.85	445.86	-727.12	-18.87	-123.81	-238.38
20862	-7.94	3.10	-10.50	422.27	456.19	-723.18	-8.20	-106.38	-255.71
20863	-6.72	3.10	-10.50	442.03	465.22	-721.63	3.02	-88.96	-270.54
20864	-5.50	3.10	-10.50	459.58	472.77	-722.04	14.82	-70.99	-282.95
20865	-4.28	3.10	-10.50	474.37	478.70	-723.87	27.23	-52.08	-292.99
20866	-3.06	3.10	-10.50	485.93	482.92	-726.59	40.24	-32.02	-300.71
20867	-1.83	3.10	-10.50	493.87	485.34	-729.78	53.83	-10.78	-306.11
20868	-0.61	3.10	-10.50	497.91	485.92	-733.10	67.94	11.59	-309.19
20869	-20.06	2.50	-9.50	93.52	255.01	-648.49	-42.13	-341.02	2.52
20870	-19.98	3.10	-9.50	95.59	265.84	-678.08	-36.85	-356.64	14.26
20871	-20.91	2.50	-9.50	49.03	245.80	-560.84	-30.43	-313.61	45.77
20872	-20.83	3.10	-9.50	49.73	255.48	-585.22	-24.41	-326.57	55.64
20873	-21.75	2.50	-9.50	15.79	235.68	-475.33	-16.28	-253.18	83.82
20874	-21.68	3.10	-9.50	15.74	244.16	-495.10	-9.99	-262.15	90.96
20875	-22.60	2.50	-9.50	-2.22	224.27	-405.54	-0.82	-168.50	116.59
20876	-22.52	3.10	-9.50	-2.88	232.13	-421.05	5.03	-172.73	120.54
20877	-23.44	2.50	-9.50	-3.77	209.74	-366.78	13.40	-61.17	146.48
20878	-23.37	3.10	-9.50	-4.40	213.17	-384.55	19.10	-63.33	145.92
20879	-20.06	2.50	-10.50	124.35	316.60	-634.06	-55.71	-299.11	14.73
20880	-19.98	3.10	-10.50	126.98	329.73	-662.17	-49.48	-312.88	25.08
20881	-20.91	2.50	-10.50	75.73	299.60	-570.53	-40.89	-274.42	53.22
20882	-20.83	3.10	-10.50	76.75	311.00	-594.62	-34.00	-285.62	62.00
20883	-21.75	2.50	-10.50	35.91	281.83	-506.98	-22.86	-221.52	87.80
20884	-21.68	3.10	-10.50	36.02	291.29	-527.31	-15.66	-228.74	94.19
20885	-22.60	2.50	-10.50	9.05	262.29	-456.05	-3.23	-146.01	117.69
20886	-22.52	3.10	-10.50	8.43	271.03	-473.56	3.72	-148.20	121.63
20887	-23.44	2.50	-10.50	0.16	243.28	-436.64	11.79	-52.91	146.65
20888	-23.37	3.10	-10.50	-0.46	241.39	-452.77	18.38	-53.82	143.76
20889	0.61	3.95	-9.50	441.74	406.31	-828.91	67.72	40.69	-334.42

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	439.32	403.27	-832.53	77.43	71.32	-332.81
20891	3.03	3.95	-9.50	432.86	398.38	-835.85	87.43	102.47	-328.64
20892	4.24	3.95	-9.50	422.57	391.72	-838.99	97.72	133.86	-321.86
20893	5.45	3.95	-9.50	408.74	383.42	-842.15	108.36	165.24	-312.36
20894	6.67	3.95	-9.50	391.76	373.66	-845.56	119.45	196.40	-300.00
20895	7.88	3.96	-9.50	372.07	362.69	-849.37	131.12	227.21	-284.61
20896	9.09	3.96	-9.50	350.15	350.81	-853.63	143.51	257.57	-265.96
20897	10.30	3.96	-9.50	326.43	338.39	-858.10	156.74	287.42	-243.78
20898	11.51	3.96	-9.50	301.30	325.80	-862.11	170.85	316.74	-217.77
20899	12.73	3.96	-9.50	274.96	313.41	-864.37	185.71	345.53	-187.60
20900	13.94	3.96	-9.50	247.32	301.41	-862.67	200.97	373.65	-152.98
20901	15.15	3.96	-9.50	217.82	289.72	-853.82	216.04	400.40	-113.72
20902	16.36	3.96	-9.50	185.54	277.88	-834.08	230.18	423.89	-69.93
20903	17.57	3.96	-9.50	149.75	265.02	-800.25	242.82	440.49	-22.13
20904	18.78	3.96	-9.50	110.85	250.00	-751.30	253.92	445.16	28.72
20905	0.60	5.05	-9.50	460.87	430.94	-900.66	64.21	43.35	-306.95
20906	1.79	5.05	-9.50	458.52	427.68	-904.61	72.34	76.33	-305.59
20907	2.99	5.06	-9.50	452.07	422.48	-908.52	80.74	109.90	-301.84
20908	4.18	5.06	-9.50	441.74	415.43	-912.52	89.45	143.81	-295.62
20909	5.38	5.06	-9.50	427.83	406.66	-916.79	98.56	177.84	-286.81
20910	6.58	5.06	-9.50	410.76	396.35	-921.52	108.18	211.84	-275.24
20911	7.77	5.06	-9.50	391.00	384.76	-926.84	118.47	245.69	-260.69
20912	8.97	5.07	-9.50	369.03	372.18	-932.68	129.59	279.34	-242.91
20913	10.16	5.07	-9.50	345.27	359.00	-938.65	141.66	312.75	-221.57
20914	11.36	5.07	-9.50	320.04	345.59	-943.85	154.72	345.90	-196.34
20915	12.55	5.07	-9.50	293.47	332.31	-946.65	168.57	378.75	-166.88
20916	13.75	5.07	-9.50	265.33	319.34	-944.50	182.73	411.06	-132.95
20917	14.94	5.08	-9.50	234.97	306.56	-933.90	196.38	441.98	-94.55
20918	16.14	5.08	-9.50	201.47	293.44	-910.92	208.57	469.43	-52.10
20919	17.33	5.08	-9.50	164.15	279.05	-872.35	218.56	489.61	-6.50
20920	18.53	5.08	-9.50	123.42	262.25	-817.16	226.25	497.36	40.94
20921	0.59	6.15	-9.50	477.12	451.78	-974.54	60.16	45.65	-273.67
20922	1.76	6.15	-9.50	474.80	448.40	-978.73	66.65	80.60	-272.56
20923	2.94	6.16	-9.50	468.39	443.09	-983.21	73.40	116.20	-269.26
20924	4.11	6.16	-9.50	458.09	435.94	-988.09	80.48	152.25	-263.64
20925	5.29	6.16	-9.50	444.24	427.06	-993.50	87.99	188.56	-255.55
20926	6.46	6.16	-9.50	427.26	416.64	-999.61	96.05	224.99	-244.82
20927	7.64	6.16	-9.50	407.64	404.93	-1006.47	104.84	261.49	-231.21
20928	8.81	6.17	-9.50	385.85	392.21	-1013.89	114.53	298.04	-214.40
20929	9.99	6.17	-9.50	362.32	378.84	-1021.32	125.25	334.63	-194.06
20930	11.16	6.17	-9.50	337.31	365.17	-1027.57	136.98	371.24	-169.80
20931	12.34	6.17	-9.50	310.82	351.48	-1030.68	149.50	407.76	-141.31
20932	13.51	6.17	-9.50	282.47	337.92	-1027.72	162.20	443.84	-108.41
20933	14.69	6.18	-9.50	251.50	324.30	-1014.95	174.09	478.40	-71.30
20934	15.86	6.18	-9.50	217.01	310.06	-988.41	184.05	509.13	-30.71
20935	17.04	6.18	-9.50	178.47	294.30	-945.10	191.24	532.16	11.99
20936	18.21	6.18	-9.50	136.34	275.97	-884.25	195.53	542.41	55.05
20937	0.58	7.25	-9.50	490.22	468.63	-1051.40	55.66	47.59	-233.88
20938	1.73	7.25	-9.50	487.93	465.21	-1055.65	60.56	84.04	-233.03
20939	2.88	7.25	-9.50	481.59	460.00	-1060.62	65.71	121.30	-230.21
20940	4.03	7.25	-9.50	471.42	453.04	-1066.30	71.19	159.11	-225.20
20941	5.18	7.25	-9.50	457.76	444.43	-1072.78	77.11	197.27	-217.84
20942	6.33	7.26	-9.50	441.04	434.36	-1080.15	83.62	235.70	-207.94
20943	7.48	7.26	-9.50	421.75	423.03	-1088.38	90.89	274.38	-195.26
20944	8.63	7.26	-9.50	400.38	410.74	-1097.16	99.08	313.36	-179.47
20945	9.78	7.26	-9.50	377.32	397.78	-1105.74	108.30	352.66	-160.20
20946	10.93	7.26	-9.50	352.79	384.43	-1112.68	118.49	392.23	-137.05
20947	12.08	7.26	-9.50	326.67	370.84	-1115.69	129.36	431.92	-109.77
20948	13.23	7.26	-9.50	298.41	357.10	-1111.49	140.27	471.23	-78.25
20949	14.38	7.26	-9.50	267.14	342.91	-1096.18	150.09	508.83	-42.82
20950	15.53	7.26	-9.50	232.01	327.70	-1065.91	157.62	542.10	-4.58
20951	16.68	7.26	-9.50	192.65	310.67	-1018.10	161.97	567.09	34.65
20952	17.83	7.26	-9.50	149.72	291.05	-952.41	163.04	579.00	72.74
20953	0.61	3.95	-10.50	519.33	515.67	-785.30	80.13	36.81	-295.34
20954	1.82	3.95	-10.50	515.19	512.18	-788.53	93.88	62.70	-293.86
20955	3.03	3.95	-10.50	506.78	506.65	-791.71	107.93	89.20	-290.01
20956	4.24	3.95	-10.50	494.22	499.14	-794.93	122.29	116.13	-283.71
20957	5.45	3.95	-10.50	477.72	489.70	-798.33	136.96	143.34	-274.82
20958	6.67	3.95	-10.50	457.56	478.46	-802.06	151.96	170.71	-263.17
20959	7.88	3.96	-10.50	434.09	465.58	-806.23	167.37	198.17	-248.55
20960	9.09	3.96	-10.50	407.68	451.27	-810.79	183.25	225.63	-230.72
20961	10.30	3.96	-10.50	378.66	435.78	-815.49	199.63	253.00	-209.43
20962	11.51	3.96	-10.50	347.32	419.40	-819.65	216.48	280.17	-184.46
20963	12.73	3.96	-10.50	313.79	402.39	-822.09	233.58	306.86	-155.63
20964	13.94	3.96	-10.50	278.04	384.87	-821.01	250.49	332.55	-122.85
20965	15.15	3.96	-10.50	239.93	366.70	-814.08	266.60	356.11	-86.16
20966	16.36	3.96	-10.50	199.39	347.42	-798.87	281.22	375.49	-45.75
20967	17.57	3.96	-10.50	156.93	326.25	-773.64	293.88	387.56	-1.98
20968	18.78	3.96	-10.50	114.03	302.30	-738.14	304.69	388.44	44.76
20969	0.60	5.05	-10.50	545.12	552.98	-850.05	76.49	39.00	-272.36
20970	1.79	5.05	-10.50	541.11	549.19	-853.54	88.54	67.03	-271.06
20971	2.99	5.06	-10.50	532.74	543.21	-857.22	100.89	95.73	-267.47
20972	4.18	5.06	-10.50	520.13	535.08	-861.17	113.53	124.98	-261.49
20973	5.38	5.06	-10.50	503.50	524.88	-865.51	126.50	154.66	-252.98
20974	6.58	5.06	-10.50	483.15	512.70	-870.38	139.83	184.68	-241.74
20975	7.77	5.06	-10.50	459.44	498.71	-875.82	153.62	215.00	-227.52
20976	8.97	5.07	-10.50	432.73	483.10	-881.73	167.93	245.56	-210.07
20977	10.16	5.07	-10.50	403.37	466.13	-887.70	182.81	276.25	-189.11
20978	11.36	5.07	-10.50	371.58	448.07	-892.86	198.22	306.89	-164.45
20979	12.55	5.07	-10.50	337.39	429.19	-895.75	213.90	337.15	-135.99
20980	13.75	5.07	-10.50	300.67	409.62	-894.28	229.30	366.39	-103.79
20981	14.94	5.08	-10.50	261.20	389.22	-885.92	243.65	393.38	-68.11
20982	16.14	5.08	-10.50	218.94	367.49	-868.14	256.08	415.98	-29.44
20983	17.33	5.08	-10.50	174.46	343.62	-839.26	265.98	430.98	11.61
20984	18.53	5.08	-10.50	129.29	316.67	-799.10	273.37	434.36	54.35
20985	0.59	6.15	-10.50	568.01	586.15	-916.54	72.26	40.88	-244.28
20986	1.76	6.15	-10.50	564.10	582.16	-920.20	82.51	70.77	-243.15
20987	2.94	6.16	-10.50	555.80	575.91	-924.35	93.03	101.40	-239.84
20988	4.11	6.16	-10.50	543.22	567.45	-929.02	103.84	132.69	-234.21

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]
20989	5.29	6.16	-10.50	526.60	556.84	-934.32	114.98	164.54	-226.10
20990	6.46	6.16	-10.50	506.24	544.17	-940.32	126.51	196.91	-215.30
20991	7.64	6.16	-10.50	482.49	529.58	-947.04	138.50	229.78	-201.55
20992	8.81	6.17	-10.50	455.75	513.26	-954.26	151.04	263.12	-184.56
20993	9.99	6.17	-10.50	426.33	495.43	-961.42	164.18	296.79	-164.07
20994	11.16	6.17	-10.50	394.40	476.31	-967.46	177.83	330.56	-139.89
20995	12.34	6.17	-10.50	359.92	456.14	-970.62	191.75	363.98	-112.02
20996	13.51	6.17	-10.50	322.60	435.04	-968.52	205.32	396.27	-80.71
20997	14.69	6.18	-10.50	282.11	412.85	-958.44	217.62	426.09	-46.46
20998	15.86	6.18	-10.50	238.45	389.07	-937.88	227.67	451.23	-10.03
20999	17.04	6.18	-10.50	192.25	362.96	-905.33	234.78	468.48	27.63
21000	18.21	6.18	-10.50	145.06	333.66	-860.84	238.89	473.93	65.56
21001	0.58	7.25	-10.50	587.68	614.25	-985.11	67.53	42.42	-210.03
21002	1.73	7.25	-10.50	583.85	610.12	-988.74	75.96	73.86	-209.12
21003	2.88	7.25	-10.50	575.66	603.81	-993.25	84.64	106.14	-206.11
21004	4.03	7.25	-10.50	563.22	595.30	-998.55	93.59	139.17	-200.84
21005	5.18	7.25	-10.50	546.75	584.64	-1004.68	102.88	172.87	-193.13
21006	6.33	7.26	-10.50	526.56	571.91	-1011.66	112.55	207.22	-182.79
21007	7.48	7.26	-10.50	503.01	557.24	-1019.42	122.69	242.26	-169.56
21008	8.63	7.26	-10.50	476.47	540.79	-1027.66	133.35	277.96	-153.16
21009	9.78	7.26	-10.50	447.25	522.73	-1035.68	144.57	314.21	-133.30
21010	10.93	7.26	-10.50	415.48	503.23	-1042.20	156.24	350.66	-109.84
21011	12.08	7.26	-10.50	381.05	482.39	-1045.26	168.09	386.74	-82.89
21012	13.23	7.26	-10.50	343.51	460.32	-1042.22	179.52	421.56	-52.85
21013	14.38	7.26	-10.50	302.46	436.80	-1030.21	189.53	453.60	-20.39
21014	15.53	7.26	-10.50	257.88	411.40	-1006.84	197.10	480.57	13.40
21015	16.68	7.26	-10.50	210.48	383.50	-970.90	201.53	499.34	47.27
21016	17.83	7.26	-10.50	161.83	352.51	-922.73	202.73	506.21	79.95
21017	19.82	3.96	-9.50	65.26	228.67	-678.32	266.37	428.76	89.29
21018	20.67	3.96	-9.50	18.11	198.89	-585.81	285.06	377.89	157.98
21019	21.53	3.96	-9.50	-22.71	165.79	-493.94	318.84	290.12	220.82
21020	22.38	3.96	-9.50	-69.72	137.14	-408.20	393.84	149.47	243.07
21021	23.24	3.96	-9.50	-195.47	90.60	-334.49	649.49	14.69	45.28
21022	19.56	5.08	-9.50	74.51	238.12	-733.74	233.84	483.16	96.73
21023	20.42	5.08	-9.50	22.38	202.92	-625.29	246.16	432.28	159.61
21024	21.29	5.08	-9.50	-26.11	163.31	-511.55	276.90	340.84	223.13
21025	22.15	5.07	-9.50	-97.48	131.64	-395.43	354.61	172.99	261.42
21026	23.02	5.07	-9.50	-267.80	88.11	-359.54	572.27	1.26	85.30
21027	19.24	6.18	-9.50	84.50	249.53	-791.27	198.46	530.60	104.46
21028	20.12	6.18	-9.50	27.27	209.83	-668.17	203.32	481.25	158.28
21029	20.99	6.18	-9.50	-23.83	154.41	-534.99	225.69	394.82	213.77
21030	21.87	6.18	-9.50	-96.68	104.45	-367.90	305.11	240.68	279.06
21031	22.75	6.17	-9.50	-317.90	60.87	-335.31	511.86	52.70	173.62
21032	18.86	7.26	-9.50	95.82	262.71	-851.32	161.52	568.93	114.49
21033	19.75	7.26	-9.50	34.44	220.74	-715.64	160.08	521.03	156.87
21034	20.64	7.26	-9.50	-21.96	158.25	-569.55	166.72	438.25	194.10
21035	21.53	7.26	-9.50	-89.79	57.93	-364.90	221.45	321.36	245.32
21036	22.42	7.26	-9.50	-283.25	-28.21	-199.05	448.40	263.99	282.94
21037	19.82	3.96	-10.50	67.79	270.19	-685.70	316.62	370.07	102.14
21038	20.67	3.96	-10.50	25.44	228.33	-619.42	335.05	320.66	172.30
21039	21.53	3.96	-10.50	-0.42	186.60	-552.49	374.14	236.94	249.83
21040	22.38	3.96	-10.50	3.40	159.62	-515.97	479.07	115.38	345.65
21041	23.24	3.96	-10.50	34.63	239.68	-331.90	896.30	-34.38	504.41
21042	19.56	5.08	-10.50	79.59	280.12	-739.15	280.34	417.66	105.96
21043	20.42	5.08	-10.50	33.21	230.53	-661.32	291.50	367.59	168.41
21044	21.29	5.08	-10.50	4.92	176.46	-578.09	324.33	278.56	240.64
21045	22.15	5.07	-10.50	14.86	141.18	-530.13	428.97	132.94	335.46
21046	23.02	5.07	-10.50	65.99	258.88	-298.05	836.89	-61.94	494.39
21047	19.24	6.18	-10.50	91.61	293.70	-793.74	241.24	459.05	110.09
21048	20.12	6.18	-10.50	39.24	237.78	-704.99	244.25	409.72	161.97
21049	20.99	6.18	-10.50	6.95	165.79	-604.42	263.21	322.92	222.55
21050	21.87	6.18	-10.50	25.21	90.90	-526.33	356.47	177.47	316.33
21051	22.75	6.17	-10.50	110.71	200.69	-220.13	760.90	-21.74	495.72
21052	18.86	7.26	-10.50	105.00	309.99	-849.54	201.00	492.83	116.55
21053	19.75	7.26	-10.50	46.34	250.94	-751.37	197.56	444.26	156.11
21054	20.64	7.26	-10.50	2.31	171.51	-638.18	198.21	360.10	197.53
21055	21.53	7.26	-10.50	11.58	37.11	-527.63	244.78	232.16	263.84
21056	22.42	7.26	-10.50	119.02	19.41	-108.67	592.44	85.46	443.61
21057	-18.78	3.96	-9.50	144.50	290.69	-797.54	-37.21	-375.89	-7.03
21058	-17.57	3.96	-9.50	179.49	299.05	-843.35	-40.80	-353.47	-44.84
21059	-16.36	3.96	-9.50	208.17	307.38	-867.71	-40.37	-321.08	-83.03
21060	-15.15	3.96	-9.50	231.41	316.14	-873.50	-36.54	-286.38	-119.66
21061	-13.94	3.96	-9.50	251.64	325.62	-866.79	-30.39	-254.16	-153.52
21062	-12.73	3.96	-9.50	271.20	335.85	-853.99	-23.00	-226.10	-184.11
21063	-11.51	3.96	-9.50	291.43	346.59	-840.05	-15.18	-201.79	-211.42
21064	-10.30	3.96	-9.50	312.60	357.45	-827.95	-7.34	-179.95	-235.63
21065	-9.09	3.96	-9.50	334.33	367.99	-819.05	0.41	-159.27	-256.93
21066	-7.88	3.96	-9.50	355.88	377.82	-813.64	8.09	-138.67	-275.50
21067	-6.67	3.95	-9.50	376.45	386.60	-811.40	15.82	-117.37	-291.44
21068	-5.45	3.95	-9.50	395.22	394.07	-811.71	23.71	-94.84	-304.83
21069	-4.24	3.95	-9.50	411.50	400.03	-813.87	31.86	-70.78	-315.72
21070	-3.03	3.95	-9.50	424.69	404.31	-817.18	40.33	-45.09	-324.13
21071	-1.82	3.95	-9.50	434.31	406.82	-821.05	49.14	-17.81	-330.06
21072	-0.61	3.95	-9.50	440.05	407.50	-825.04	58.27	10.85	-333.50
21073	-18.53	5.08	-9.50	152.81	310.83	-860.60	-26.97	-404.25	22.92
21074	-17.33	5.08	-9.50	189.22	320.61	-911.41	-31.88	-382.40	-13.65
21075	-16.14	5.08	-9.50	219.50	330.03	-940.26	-32.55	-349.81	-51.66
21076	-14.94	5.08	-9.50	244.27	339.50	-949.60	-29.46	-314.07	-88.82
21077	-13.75	5.07	-9.50	265.76	349.40	-945.19	-23.71	-280.15	-123.53
21078	-12.55	5.07	-9.50	286.24	359.87	-933.43	-16.54	-249.95	-154.99
21079	-11.36	5.07	-9.50	307.12	370.76	-919.49	-8.89	-223.25	-183.04
21080	-10.16	5.07	-9.50	328.81	381.75	-906.71	-1.31	-198.93	-207.77
21081	-8.97	5.07	-9.50	350.98	392.42	-896.75	6.01	-175.74	-229.40
21082	-7.77	5.06	-9.50	372.96	402.39	-890.14	13.09	-152.65	-248.10
21083	-6.58	5.06	-9.50	393.94	411.32	-886.72	20.04	-128.88	-264.04
21084	-5.38	5.06	-9.50	413.12	418.91	-885.96	26.96	-103.92	-277.36
21085	-4.18	5.06	-9.50	429.77	424.94	-887.20	33.99	-77.47	-288.17
21086	-2.99	5.06	-9.50	443.28	429.25	-889.78	41.19	-49.40	-296.50
21087	-1.79	5.05	-9.50	453.16	431.72	-893.12	48.63	-19.78	-302.40

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]
21088	-0.60	5.05	-9.50	459.07	432.28	-896.79	56.31	11.21	-305.89
21089	-18.21	6.18	-9.50	162.38	329.27	-922.69	-15.70	-430.05	56.42
21090	-17.04	6.18	-9.50	199.73	340.61	-978.13	-21.94	-408.99	21.60
21091	-15.86	6.18	-9.50	231.25	351.26	-1011.55	-23.84	-376.64	-15.75
21092	-14.69	6.18	-9.50	257.34	361.53	-1024.92	-21.71	-340.33	-53.05
21093	-13.51	6.17	-9.50	279.92	371.79	-1023.49	-16.62	-305.02	-88.34
21094	-12.34	6.17	-9.50	301.15	382.31	-1013.47	-9.89	-272.82	-120.51
21095	-11.16	6.17	-9.50	322.46	393.07	-1000.15	-2.60	-243.78	-149.18
21096	-9.99	6.17	-9.50	344.37	403.85	-987.16	4.58	-216.97	-174.38
21097	-8.81	6.17	-9.50	366.68	414.30	-976.47	11.41	-191.26	-196.26
21098	-7.64	6.16	-9.50	388.75	424.08	-968.86	17.85	-165.68	-215.06
21099	-6.46	6.16	-9.50	409.81	432.86	-964.35	23.98	-139.51	-230.99
21100	-5.29	6.16	-9.50	429.07	440.33	-962.56	29.91	-112.25	-244.25
21101	-4.11	6.16	-9.50	445.80	446.25	-962.88	35.77	-83.55	-254.97
21102	-2.94	6.16	-9.50	459.39	450.43	-964.69	41.67	-53.29	-263.23
21103	-1.76	6.15	-9.50	469.34	452.77	-967.45	47.69	-21.52	-269.06
21104	-0.59	6.15	-9.50	475.29	453.22	-970.75	53.86	11.55	-272.53
21105	-17.83	7.26	-9.50	173.22	345.58	-983.27	-3.58	-453.00	93.28
21106	-16.68	7.26	-9.50	211.02	358.60	-1042.73	-11.13	-432.90	60.74
21107	-15.53	7.26	-9.50	243.41	370.58	-1080.64	-14.36	-401.22	24.60
21108	-14.38	7.26	-9.50	270.54	381.69	-1098.41	-13.40	-364.76	-12.39
21109	-13.23	7.26	-9.50	294.03	392.28	-1100.67	-9.25	-328.34	-47.87
21110	-12.08	7.26	-9.50	315.80	402.71	-1093.25	-3.21	-294.32	-80.42
21111	-10.93	7.26	-9.50	337.31	413.15	-1081.42	3.49	-263.06	-109.50
21112	-9.78	7.26	-9.50	359.18	423.45	-1068.99	10.13	-233.81	-135.02
21113	-8.63	7.26	-9.50	381.29	433.40	-1058.21	16.39	-205.61	-157.09
21114	-7.48	7.26	-9.50	403.10	442.73	-1050.11	22.15	-177.63	-175.95
21115	-6.33	7.26	-9.50	423.89	451.11	-1044.91	27.46	-149.19	-191.88
21116	-5.18	7.25	-9.50	442.87	458.27	-1042.35	32.41	-119.77	-205.10
21117	-4.03	7.25	-9.50	459.36	463.94	-1041.95	37.11	-89.03	-215.81
21118	-2.88	7.25	-9.50	472.74	467.87	-1043.11	41.68	-56.76	-224.05
21119	-1.73	7.25	-9.50	482.56	469.94	-1045.24	46.26	-22.95	-229.75
21120	-0.58	7.25	-9.50	488.43	470.18	-1047.97	50.94	12.02	-232.90
21121	-18.78	3.96	-10.50	181.22	366.13	-758.44	-50.24	-332.22	6.74
21122	-17.57	3.96	-10.50	221.98	380.90	-792.25	-55.34	-315.32	-26.11
21123	-16.36	3.96	-10.50	258.60	395.05	-811.65	-56.44	-288.92	-59.74
21124	-15.15	3.96	-10.50	290.73	408.85	-818.03	-53.91	-258.79	-92.73
21125	-13.94	3.96	-10.50	319.25	422.52	-814.92	-48.53	-229.10	-123.99
21126	-12.73	3.96	-10.50	345.48	436.15	-806.50	-41.21	-201.96	-152.84
21127	-11.51	3.96	-10.50	370.45	449.59	-796.38	-32.70	-177.81	-178.94
21128	-10.30	3.96	-10.50	394.64	462.56	-787.03	-23.50	-156.15	-202.20
21129	-9.09	3.96	-10.50	418.03	474.72	-779.75	-13.85	-136.13	-222.64
21130	-7.88	3.96	-10.50	440.25	485.74	-775.01	-3.79	-116.87	-240.34
21131	-6.67	3.95	-10.50	460.78	495.37	-772.71	6.71	-97.64	-255.41
21132	-5.45	3.95	-10.50	479.03	503.41	-772.46	17.69	-77.88	-267.97
21133	-4.24	3.95	-10.50	494.44	509.69	-773.73	29.18	-57.20	-278.10
21134	-3.03	3.95	-10.50	506.52	514.13	-776.04	41.21	-35.40	-285.88
21135	-1.82	3.95	-10.50	514.87	516.63	-778.92	53.74	-12.42	-291.33
21136	-0.61	3.95	-10.50	519.20	517.15	-782.07	66.73	11.68	-294.50
21137	-18.53	5.08	-10.50	191.37	391.59	-817.44	-37.54	-357.22	33.51
21138	-17.33	5.08	-10.50	233.73	408.30	-854.95	-43.65	-340.97	2.21
21139	-16.14	5.08	-10.50	272.18	424.16	-877.73	-45.72	-314.66	-30.80
21140	-14.94	5.08	-10.50	306.16	439.43	-886.85	-43.99	-284.00	-63.91
21141	-13.75	5.07	-10.50	336.37	454.35	-885.57	-39.22	-253.17	-95.81
21142	-12.55	5.07	-10.50	364.01	469.06	-878.01	-32.41	-224.37	-125.57
21143	-11.36	5.07	-10.50	390.14	483.47	-867.90	-24.44	-198.18	-152.64
21144	-10.16	5.07	-10.50	415.31	497.29	-857.97	-15.87	-174.25	-176.78
21145	-8.97	5.07	-10.50	439.58	510.19	-849.78	-6.97	-151.83	-197.93
21146	-7.77	5.06	-10.50	462.62	521.86	-844.00	2.19	-130.16	-216.15
21147	-6.58	5.06	-10.50	483.90	532.02	-840.67	11.65	-108.56	-231.58
21148	-5.38	5.06	-10.50	502.83	540.48	-839.47	21.45	-86.49	-244.37
21149	-4.18	5.06	-10.50	518.84	547.07	-839.94	31.65	-63.57	-254.66
21150	-2.99	5.06	-10.50	531.43	551.68	-841.60	42.27	-39.58	-262.55
21151	-1.79	5.05	-10.50	540.18	554.22	-844.00	53.31	-14.44	-268.11
21152	-0.60	5.05	-10.50	544.79	554.65	-846.84	64.73	11.78	-271.38
21153	-18.21	6.18	-10.50	203.14	415.04	-875.76	-23.62	-379.87	63.06
21154	-17.04	6.18	-10.50	246.59	433.73	-916.71	-30.68	-364.40	33.75
21155	-15.86	6.18	-10.50	286.41	451.38	-942.94	-33.77	-338.57	1.82
21156	-14.69	6.18	-10.50	321.88	468.12	-955.13	-32.97	-307.84	-31.04
21157	-13.51	6.17	-10.50	353.47	484.22	-956.15	-29.02	-276.25	-63.28
21158	-12.34	6.17	-10.50	382.23	499.83	-949.92	-22.95	-246.04	-93.73
21159	-11.16	6.17	-10.50	409.23	514.93	-940.26	-15.71	-217.94	-121.62
21160	-9.99	6.17	-10.50	435.09	529.28	-930.10	-7.94	-191.76	-146.53
21161	-8.81	6.17	-10.50	459.94	542.58	-921.29	0.06	-166.96	-168.29
21162	-7.64	6.16	-10.50	483.49	554.57	-914.67	8.23	-142.89	-186.97
21163	-6.46	6.16	-10.50	505.22	565.01	-910.44	16.56	-118.96	-202.71
21164	-5.29	6.16	-10.50	524.55	573.68	-908.38	25.12	-94.66	-215.73
21165	-4.11	6.16	-10.50	540.91	580.42	-908.09	33.93	-69.59	-226.19
21166	-2.94	6.16	-10.50	553.79	585.09	-909.09	43.05	-43.52	-234.21
21167	-1.76	6.15	-10.50	562.78	587.61	-910.97	52.50	-16.36	-239.85
21168	-0.59	6.15	-10.50	567.56	587.96	-913.45	62.26	11.81	-243.20
21169	-17.83	7.26	-10.50	216.56	435.72	-932.46	-8.68	-399.99	95.26
21170	-16.68	7.26	-10.50	260.58	456.36	-976.40	-16.62	-385.40	68.34
21171	-15.53	7.26	-10.50	301.29	475.77	-1005.93	-20.75	-360.39	37.88
21172	-14.38	7.26	-10.50	337.82	493.96	-1021.35	-21.04	-329.97	5.69
21173	-13.23	7.26	-10.50	370.42	511.10	-1025.08	-18.14	-297.92	-26.48
21174	-12.08	7.26	-10.50	399.99	527.41	-1020.78	-13.04	-266.52	-57.20
21175	-10.93	7.26	-10.50	427.55	542.93	-1012.25	-6.78	-236.66	-85.52
21176	-9.78	7.26	-10.50	453.82	557.48	-1002.56	0.01	-208.34	-110.89
21177	-8.63	7.26	-10.50	478.94	570.89	-993.75	7.02	-181.23	-133.04
21178	-7.48	7.26	-10.50	502.67	582.96	-986.82	14.13	-154.86	-151.99
21179	-6.33	7.26	-10.50	524.52	593.47	-982.13	21.30	-128.71	-167.95
21180	-5.18	7.25	-10.50	543.92	602.21	-979.56	28.56	-102.30	-181.13
21181	-4.03	7.25	-10.50	560.33	609.00	-978.77	35.94	-75.23	-191.74
21182	-2.88	7.25	-10.50	573.26	613.66	-979.28	43.49	-47.22	-199.91
21183	-1.73	7.25	-10.50	582.32	616.05	-980.61	51.26	-18.14	-205.64
21184	-0.58	7.25	-10.50	587.17	616.22	-982.47	59.31	11.84	-208.94
21185	-23.24	3.96	-9.50	-2.19	222.17	-403.21	27.47	-62.67	144.40
21186	-22.38	3.96	-9.50	-1.69	241.75	-444.22	13.57	-178.91	126.65

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]
21187	-21.53	3.96	-9.50	17.02	255.55	-523.79	-0.48	-274.77	102.14
21188	-20.67	3.96	-9.50	51.94	268.52	-620.62	-15.16	-344.58	71.28
21189	-19.82	3.96	-9.50	99.53	280.69	-720.79	-28.64	-378.18	32.98
21190	-23.02	5.07	-9.50	2.45	234.77	-424.57	39.48	-59.60	145.31
21191	-22.15	5.07	-9.50	2.09	253.18	-474.91	26.15	-186.57	135.00
21192	-21.29	5.08	-9.50	20.39	268.97	-561.72	12.93	-290.61	117.99
21193	-20.42	5.08	-9.50	56.33	284.19	-667.18	-1.98	-366.98	93.69
21194	-19.56	5.08	-9.50	105.94	298.84	-776.58	-16.82	-404.78	60.27
21195	-22.75	6.17	-9.50	8.05	245.69	-445.82	52.03	-56.01	146.79
21196	-21.87	6.18	-9.50	7.70	263.13	-505.37	40.28	-193.37	144.79
21197	-20.99	6.18	-9.50	25.75	280.34	-599.49	27.61	-305.28	135.64
21198	-20.12	6.18	-9.50	62.61	297.79	-713.42	12.32	-387.64	118.59
21199	-19.24	6.18	-9.50	114.04	315.09	-831.83	-3.95	-429.07	90.63
21200	-22.42	7.26	-9.50	14.38	254.32	-467.84	65.11	-53.06	148.70
21201	-21.53	7.26	-9.50	14.50	271.00	-536.00	55.36	-199.78	155.87
21202	-20.64	7.26	-9.50	32.81	289.48	-636.98	43.29	-318.87	155.27
21203	-19.75	7.26	-9.50	70.74	309.04	-759.13	27.51	-406.48	145.99
21204	-18.86	7.26	-9.50	123.83	329.11	-886.18	9.73	-450.85	123.96
21205	-23.24	3.96	-10.50	2.90	249.77	-473.35	29.65	-51.55	140.78
21206	-22.38	3.96	-10.50	10.22	281.72	-499.79	13.33	-153.13	126.99
21207	-21.53	3.96	-10.50	38.13	304.93	-557.67	-5.07	-239.59	104.04
21208	-20.67	3.96	-10.50	79.93	327.00	-630.11	-23.64	-301.40	75.79
21209	-19.82	3.96	-10.50	132.02	348.28	-703.03	-39.88	-331.84	41.64
21210	-23.02	5.07	-10.50	8.93	265.53	-502.04	45.06	-47.88	141.95
21211	-22.15	5.07	-10.50	15.28	295.06	-534.67	27.43	-160.19	133.64
21212	-21.29	5.08	-10.50	42.97	321.39	-598.55	9.62	-253.79	117.52
21213	-20.42	5.08	-10.50	85.94	346.56	-677.31	-9.00	-321.21	95.18
21214	-19.56	5.08	-10.50	140.14	371.12	-756.82	-26.09	-355.23	65.63
21215	-22.75	6.17	-10.50	15.30	278.93	-532.83	59.81	-44.26	143.29
21216	-21.87	6.18	-10.50	22.14	307.48	-569.39	43.19	-166.52	141.45
21217	-20.99	6.18	-10.50	49.94	335.72	-639.20	25.60	-266.97	132.28
21218	-20.12	6.18	-10.50	94.04	363.97	-724.19	6.84	-339.46	116.46
21219	-19.24	6.18	-10.50	150.24	391.90	-810.18	-11.14	-376.54	91.99
21220	-22.42	7.26	-10.50	22.11	289.93	-564.15	74.34	-41.50	144.89
21221	-21.53	7.26	-10.50	30.06	317.29	-603.91	59.72	-172.66	150.20
21222	-20.64	7.26	-10.50	58.75	347.49	-679.24	42.62	-279.22	148.63
21223	-19.75	7.26	-10.50	104.22	378.61	-770.23	23.62	-356.13	139.74
21224	-18.86	7.26	-10.50	162.38	409.91	-862.39	4.75	-395.64	120.70
21225	17.50	8.10	-9.50	160.62	303.59	-1006.51	136.96	602.42	90.23
21226	17.23	8.70	-9.50	168.98	313.07	-1046.06	118.22	615.44	105.93
21227	16.37	8.10	-9.50	203.79	324.26	-1075.35	138.25	589.70	56.32
21228	16.11	8.70	-9.50	211.83	334.42	-1116.67	121.14	602.33	74.99
21229	15.24	8.10	-9.50	243.47	342.11	-1126.37	136.12	563.66	20.13
21230	15.00	8.70	-9.50	251.49	352.70	-1169.72	120.56	575.88	41.09
21231	14.11	8.10	-9.50	278.85	357.95	-1159.49	130.62	528.83	-16.00
21232	13.89	8.70	-9.50	286.96	368.97	-1204.70	116.59	540.14	6.47
21233	12.98	8.10	-9.50	310.13	372.35	-1176.91	122.63	489.14	-49.84
21234	12.78	8.70	-9.50	317.94	383.36	-1223.66	109.94	499.03	-26.08
21235	11.85	8.10	-9.50	338.09	385.97	-1182.31	113.31	447.67	-80.04
21236	11.67	8.70	-9.50	345.57	396.82	-1230.12	101.84	456.46	-55.16
21237	10.73	8.10	-9.50	363.73	399.15	-1179.70	103.94	405.91	-106.29
21238	10.56	8.70	-9.50	370.73	409.63	-1228.09	93.71	413.55	-80.79
21239	9.60	8.10	-9.50	387.75	411.85	-1172.54	95.10	364.33	-128.57
21240	9.45	8.70	-9.50	394.29	421.64	-1221.09	85.85	370.72	-102.55
21241	8.47	8.10	-9.50	410.29	424.11	-1163.34	87.12	323.23	-147.02
21242	8.34	8.70	-9.50	416.38	433.27	-1211.71	78.80	328.62	-120.47
21243	7.34	8.10	-9.50	431.20	435.71	-1153.71	80.12	282.68	-162.07
21244	7.22	8.70	-9.50	436.86	444.21	-1201.70	72.66	287.19	-135.11
21245	6.21	8.10	-9.50	450.08	446.38	-1144.57	74.02	242.59	-174.10
21246	6.11	8.70	-9.50	455.36	454.26	-1192.06	67.38	246.31	-146.80
21247	5.08	8.10	-9.50	466.47	455.89	-1136.32	68.68	202.88	-183.43
21248	5.00	8.70	-9.50	471.41	463.21	-1183.29	62.84	205.90	-155.84
21249	3.95	8.10	-9.50	479.87	464.01	-1129.08	63.94	163.54	-190.31
21250	3.89	8.70	-9.50	484.54	470.86	-1175.56	58.90	165.91	-162.48
21251	2.82	8.10	-9.50	489.87	470.60	-1122.80	59.66	124.61	-194.92
21252	2.78	8.70	-9.50	494.35	477.07	-1168.88	55.41	126.35	-166.88
21253	1.69	8.10	-9.50	496.13	475.56	-1117.45	55.65	86.24	-197.31
21254	1.67	8.70	-9.50	500.51	481.68	-1163.23	52.22	87.32	-169.11
21255	0.56	8.10	-9.50	498.36	478.97	-1113.28	51.86	48.99	-197.93
21256	0.56	8.70	-9.50	502.90	485.01	-1159.03	48.91	49.46	-169.05
21257	17.50	8.10	-10.50	175.96	368.01	-971.18	173.81	527.08	94.56
21258	17.23	8.70	-10.50	187.14	379.39	-1006.19	152.96	538.92	108.08
21259	16.37	8.10	-10.50	225.28	400.14	-1021.61	174.61	519.48	66.11
21260	16.11	8.70	-10.50	236.31	412.10	-1057.72	155.12	530.89	82.53
21261	15.24	8.10	-10.50	273.18	429.02	-1059.85	172.19	499.91	35.42
21262	15.00	8.70	-10.50	284.20	441.41	-1097.23	154.07	511.02	54.15
21263	14.11	8.10	-10.50	318.09	455.40	-1085.24	166.63	471.87	3.88
21264	13.89	8.70	-10.50	329.19	468.34	-1123.83	150.01	482.36	24.18
21265	12.98	8.10	-10.50	359.27	479.59	-1098.78	158.60	438.32	-26.91
21266	12.78	8.70	-10.50	370.09	492.70	-1138.47	143.42	447.69	-5.25
21267	11.85	8.10	-10.50	396.69	502.04	-1102.76	149.00	401.85	-55.63
21268	11.67	8.70	-10.50	407.24	515.23	-1143.33	135.19	410.39	-32.74
21269	10.73	8.10	-10.50	430.85	523.01	-1100.10	138.99	364.03	-81.62
21270	10.56	8.70	-10.50	441.05	536.14	-1141.28	126.63	371.64	-58.03
21271	9.60	8.10	-10.50	462.33	542.36	-1093.54	129.00	325.77	-104.38
21272	9.45	8.70	-10.50	472.16	555.08	-1135.07	117.85	332.26	-80.24
21273	8.47	8.10	-10.50	491.21	560.18	-1085.18	119.34	287.82	-123.63
21274	8.34	8.70	-10.50	500.68	572.57	-1126.78	109.36	293.38	-99.00
21275	7.34	8.10	-10.50	517.42	576.38	-1076.40	110.18	250.56	-139.55
21276	7.22	8.70	-10.50	526.53	588.37	-1117.88	101.29	255.27	-114.59
21277	6.21	8.10	-10.50	540.66	590.77	-1068.02	101.51	214.11	-152.38
21278	6.11	8.70	-10.50	549.41	602.38	-1109.26	93.66	218.02	-127.19
21279	5.08	8.10	-10.50	560.57	603.25	-1060.42	93.28	178.45	-162.41
21280	5.00	8.70	-10.50	568.99	614.51	-1101.35	86.46	181.61	-137.05
21281	3.95	8.10	-10.50	576.79	613.70	-1053.74	85.43	143.53	-169.85
21282	3.89	8.70	-10.50	584.94	624.65	-1094.36	79.62	145.99	-144.38
21283	2.82	8.10	-10.50	589.04	622.03	-1047.99	77.92	109.33	-174.90
21284	2.78	8.70	-10.50	596.97	632.73	-1088.35	73.10	111.10	-149.33
21285	1.69	8.10	-10.50	597.09	628.21	-1043.21	70.64	75.91	-177.66



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]
21286	1.67	8.70	-10.50	604.86	638.66	-1083.35	66.83	76.98	-151.99
21287	0.56	8.10	-10.50	600.83	632.38	-1039.73	63.53	43.47	-178.30
21288	0.56	8.70	-10.50	608.61	642.64	-1079.85	60.51	43.76	-152.19
21289	22.14	8.10	-9.50	-281.89	-161.74	-93.13	269.19	477.71	188.48
21290	21.91	8.70	-9.50	-354.32	-211.71	-155.16	186.67	479.48	-26.11
21291	21.23	8.10	-9.50	-92.94	51.35	-398.69	145.57	357.04	186.21
21292	20.99	8.70	-9.50	-89.00	95.65	-435.56	112.13	362.11	174.77
21293	20.33	8.10	-9.50	-18.74	173.95	-602.23	127.07	462.40	181.46
21294	20.07	8.70	-9.50	-11.83	180.77	-631.43	100.37	471.82	169.95
21295	19.42	8.10	-9.50	42.34	230.28	-756.55	126.43	544.83	156.86
21296	19.16	8.70	-9.50	49.36	239.01	-788.23	102.31	556.71	161.20
21297	18.52	8.10	-9.50	105.59	274.17	-899.99	132.25	592.86	125.75
21298	18.24	8.70	-9.50	113.20	282.83	-936.21	111.55	606.02	136.75
21299	22.14	8.10	-10.50	30.62	-179.10	-77.52	351.28	165.93	293.61
21300	21.91	8.70	-10.50	-148.93	-261.90	-190.00	179.57	161.15	119.40
21301	21.23	8.10	-10.50	-24.85	38.14	-546.61	151.15	262.24	205.77
21302	20.99	8.70	-10.50	-40.25	96.31	-566.98	124.97	271.07	189.21
21303	20.33	8.10	-10.50	1.19	190.42	-669.75	157.61	381.59	181.27
21304	20.07	8.70	-10.50	4.94	196.65	-698.66	128.63	391.14	169.33
21305	19.42	8.10	-10.50	53.78	262.56	-790.14	161.73	465.64	153.61
21306	19.16	8.70	-10.50	60.86	273.38	-819.31	136.67	477.16	155.97
21307	18.52	8.10	-10.50	116.87	324.32	-893.95	169.48	514.35	124.87
21308	18.24	8.70	-10.50	126.50	334.83	-926.63	147.17	526.52	133.84
21309	-17.23	8.70	-9.50	190.11	364.12	-1062.84	13.82	-479.42	149.11
21310	-17.50	8.10	-9.50	182.58	356.88	-1029.81	6.46	-469.22	124.78
21311	-16.11	8.70	-9.50	227.63	379.54	-1126.53	4.55	-460.89	120.46
21312	-16.37	8.10	-9.50	220.44	371.29	-1091.93	-2.11	-449.96	94.43
21313	-15.00	8.70	-9.50	260.53	393.14	-1169.98	-0.56	-430.61	86.62
21314	-15.24	8.10	-9.50	253.25	384.28	-1133.17	-6.43	-419.04	59.57
21315	-13.89	8.70	-9.50	288.75	405.43	-1193.85	-1.52	-394.33	50.71
21316	-14.11	8.10	-9.50	281.02	396.05	-1154.48	-6.55	-382.65	23.14
21317	-12.78	8.70	-9.50	312.89	416.33	-1202.07	1.10	-356.51	15.71
21318	-12.98	8.10	-9.50	305.07	406.84	-1160.00	-3.30	-345.45	-12.18
21319	-11.67	8.70	-9.50	335.01	426.72	-1199.68	5.82	-320.51	-16.63
21320	-11.85	8.10	-9.50	327.10	417.16	-1155.17	2.03	-310.14	-44.74
21321	-10.56	8.70	-9.50	356.38	436.75	-1191.77	11.30	-286.73	-46.18
21322	-10.73	8.10	-9.50	348.59	427.28	-1145.15	8.08	-277.28	-74.00
21323	-9.45	8.70	-9.50	377.68	446.25	-1182.18	17.03	-254.24	-72.40
21324	-9.60	8.10	-9.50	370.26	437.07	-1133.82	14.20	-246.16	-99.78
21325	-8.34	8.70	-9.50	398.95	455.49	-1173.26	22.37	-222.92	-95.00
21326	-8.47	8.10	-9.50	392.00	446.51	-1123.56	19.96	-216.07	-122.03
21327	-7.22	8.70	-9.50	419.77	464.15	-1166.34	27.17	-191.98	-114.47
21328	-7.34	8.10	-9.50	413.36	455.38	-1115.56	25.16	-186.30	-141.02
21329	-6.11	8.70	-9.50	439.50	471.99	-1161.89	31.38	-160.77	-131.07
21330	-6.21	8.10	-9.50	433.68	463.37	-1110.23	29.83	-156.19	-157.08
21331	-5.00	8.70	-9.50	457.44	478.72	-1159.77	35.07	-128.77	-145.01
21332	-5.08	8.10	-9.50	452.21	470.20	-1107.42	34.03	-125.22	-170.47
21333	-3.89	8.70	-9.50	472.97	484.06	-1159.46	38.28	-95.57	-156.39
21334	-3.95	8.10	-9.50	468.26	475.61	-1106.71	37.85	-93.00	-181.33
21335	-2.78	8.70	-9.50	485.53	487.65	-1160.11	41.06	-60.85	-165.08
21336	-2.82	8.10	-9.50	481.26	479.30	-1107.48	41.37	-59.29	-189.73
21337	-1.67	8.70	-9.50	494.70	488.93	-1160.55	43.41	-24.24	-170.75
21338	-1.69	8.10	-9.50	490.82	480.95	-1108.97	44.75	-23.83	-195.31
21339	-0.56	8.70	-9.50	500.52	487.62	-1159.02	45.83	14.81	-170.63
21340	-0.56	8.10	-9.50	496.57	480.77	-1110.67	48.30	12.73	-197.60
21341	-17.23	8.70	-10.50	237.63	458.88	-1006.26	12.79	-423.22	144.13
21342	-17.50	8.10	-10.50	228.23	449.96	-975.74	3.69	-414.24	122.72
21343	-16.11	8.70	-10.50	281.40	482.05	-1053.08	3.75	-410.02	121.04
21344	-16.37	8.10	-10.50	272.35	472.10	-1021.57	-4.91	-400.39	97.97
21345	-15.00	8.70	-10.50	322.42	503.41	-1086.35	-1.81	-386.47	93.06
21346	-15.24	8.10	-10.50	313.42	492.74	-1053.44	-9.86	-376.20	68.94
21347	-13.89	8.70	-10.50	359.84	523.34	-1105.90	-3.86	-356.65	62.31
21348	-14.11	8.10	-10.50	350.48	511.97	-1071.33	-11.14	-346.15	37.50
21349	-12.78	8.70	-10.50	393.01	541.44	-1113.83	-2.63	-323.90	31.19
21350	-12.98	8.10	-10.50	383.64	529.78	-1077.38	-9.23	-313.78	5.75
21351	-11.67	8.70	-10.50	423.08	558.42	-1113.26	0.83	-291.25	1.38
21352	-11.85	8.10	-10.50	413.59	546.47	-1075.00	-5.04	-281.56	-24.73
21353	-10.56	8.70	-10.50	450.94	574.34	-1107.82	5.35	-259.45	-26.59
21354	-10.73	8.10	-10.50	441.39	562.19	-1067.90	0.27	-250.47	-53.04
21355	-9.45	8.70	-10.50	477.23	588.86	-1100.56	10.68	-228.37	-51.74
21356	-9.60	8.10	-10.50	467.79	576.73	-1059.20	6.20	-220.56	-78.51
21357	-8.34	8.70	-10.50	502.14	602.34	-1093.44	16.23	-198.41	-73.51
21358	-8.47	8.10	-10.50	492.90	590.11	-1050.97	12.39	-191.72	-100.71
21359	-7.22	8.70	-10.50	525.49	614.50	-1087.71	21.82	-169.25	-92.13
21360	-7.34	8.10	-10.50	516.53	602.15	-1044.33	18.62	-163.65	-119.71
21361	-6.11	8.70	-10.50	546.84	625.17	-1083.87	27.38	-140.42	-107.79
21362	-6.21	8.10	-10.50	538.21	612.65	-1039.75	24.86	-135.88	-135.71
21363	-5.00	8.70	-10.50	565.70	634.14	-1081.93	32.86	-111.50	-120.77
21364	-5.08	8.10	-10.50	557.42	621.42	-1037.18	31.09	-107.94	-148.97
21365	-3.89	8.70	-10.50	581.60	641.15	-1081.54	38.24	-82.09	-131.37
21366	-3.95	8.10	-10.50	573.65	628.24	-1036.32	37.33	-79.43	-159.69
21367	-2.78	8.70	-10.50	594.10	645.86	-1082.04	43.52	-51.87	-139.86
21368	-2.82	8.10	-10.50	586.44	632.88	-1036.62	43.59	-50.03	-168.05
21369	-1.67	8.70	-10.50	602.85	647.66	-1082.32	48.65	-20.58	-146.49
21370	-1.69	8.10	-10.50	595.42	635.01	-1037.35	49.94	-19.51	-173.99
21371	-0.56	8.70	-10.50	607.79	645.96	-1080.42	54.05	12.00	-150.51
21372	-0.56	8.10	-10.50	600.27	634.70	-1038.06	56.61	11.89	-177.23
21373	-22.14	8.10	-9.50	19.70	258.61	-486.58	75.36	-51.07	149.88
21374	-21.23	8.10	-9.50	20.49	275.74	-560.08	67.58	-204.44	165.31
21375	-20.33	8.10	-9.50	39.29	295.04	-666.29	56.05	-328.81	171.88
21376	-19.42	8.10	-9.50	78.18	316.22	-794.71	39.90	-420.01	169.07
21377	-18.52	8.10	-9.50	132.55	338.53	-928.30	20.93	-466.24	152.16
21378	-21.91	8.70	-9.50	24.57	260.57	-501.17	82.72	-48.91	150.34
21379	-20.99	8.70	-9.50	25.33	278.31	-577.37	76.56	-207.79	173.32
21380	-20.07	8.70	-9.50	44.73	298.13	-687.38	65.43	-335.51	184.79
21381	-19.16	8.70	-9.50	84.38	320.48	-820.22	49.00	-428.98	187.07
21382	-18.24	8.70	-9.50	139.62	344.42	-958.46	29.07	-476.16	174.05
21383	-22.14	8.10	-10.50	27.60	295.41	-588.95	85.20	-39.68	145.86
21384	-21.23	8.10	-10.50	36.94	323.00	-630.64	73.08	-176.94	157.74

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]
21385	-20.33	8.10	-10.50	66.62	354.78	-710.12	56.48	-288.12	162.59
21386	-19.42	8.10	-10.50	113.38	388.05	-805.71	37.33	-368.11	159.41
21387	-18.52	8.10	-10.50	173.16	422.02	-902.52	17.77	-409.18	145.02
21388	-21.91	8.70	-10.50	32.60	296.46	-606.86	92.82	-37.44	145.95
21389	-20.99	8.70	-10.50	42.37	325.94	-649.73	82.93	-179.74	164.64
21390	-20.07	8.70	-10.50	73.03	358.67	-732.10	66.65	-294.03	173.76
21391	-19.16	8.70	-10.50	120.88	393.59	-830.96	47.39	-376.06	175.07
21392	-18.24	8.70	-10.50	181.86	429.50	-931.09	27.28	-417.98	164.14
21393	0.70	20.20	-9.50	481.55	262.31	-1627.26	-1.40	61.73	849.21
21394	2.10	20.10	-9.50	474.72	265.98	-1625.14	-21.45	131.10	840.23
21395	3.49	19.90	-9.50	462.49	272.38	-1617.09	-40.37	199.51	822.91
21396	4.86	19.62	-9.50	445.33	281.03	-1603.20	-57.25	265.91	797.60
21397	6.20	19.23	-9.50	423.80	291.33	-1583.55	-71.24	329.21	764.71
21398	7.52	18.76	-9.50	398.50	302.69	-1558.17	-81.63	388.40	724.73
21399	8.80	18.19	-9.50	370.16	314.41	-1527.01	-87.83	442.60	678.22
21400	10.04	17.54	-9.50	339.66	325.66	-1490.00	-89.43	491.10	625.88
21401	11.23	16.80	-9.50	307.96	335.48	-1447.06	-86.14	533.36	568.47
21402	12.37	15.98	-9.50	276.22	342.93	-1398.13	-77.67	568.88	506.80
21403	13.44	15.08	-9.50	245.63	346.38	-1343.44	-64.28	597.18	442.54
21404	14.46	14.11	-9.50	216.53	345.65	-1283.17	-46.01	618.36	377.13
21405	15.40	13.08	-9.50	189.65	340.24	-1217.40	-22.64	631.91	312.77
21406	16.27	11.98	-9.50	165.09	329.54	-1146.59	6.34	637.10	252.64
21407	17.06	10.82	-9.50	143.37	314.73	-1071.49	40.65	633.71	200.95
21408	17.76	9.62	-9.50	124.22	296.97	-993.83	80.17	621.28	159.88
21409	0.74	21.03	-9.50	478.56	147.38	-1441.68	-7.26	59.42	824.04
21410	2.22	20.93	-9.50	469.73	152.91	-1438.93	-34.80	123.42	814.71
21411	3.69	20.72	-9.50	454.29	162.82	-1430.55	-61.12	186.96	797.18
21412	5.14	20.41	-9.50	433.01	176.10	-1417.00	-84.87	248.75	772.19
21413	6.57	19.99	-9.50	406.52	192.01	-1398.42	-104.74	307.43	740.18
21414	7.96	19.48	-9.50	375.56	209.82	-1374.74	-119.75	361.89	701.54
21415	9.32	18.87	-9.50	341.05	228.62	-1345.85	-129.23	411.26	656.74
21416	10.62	18.17	-9.50	304.18	247.32	-1311.68	-132.70	454.87	606.41
21417	11.88	17.37	-9.50	266.33	264.65	-1272.15	-129.90	492.17	551.32
21418	13.07	16.49	-9.50	228.98	279.09	-1227.28	-120.79	522.75	492.42
21419	14.20	15.53	-9.50	193.49	289.26	-1177.08	-105.68	546.49	430.94
21420	15.26	14.48	-9.50	160.79	294.17	-1121.46	-84.74	563.40	368.65
21421	16.24	13.37	-9.50	131.26	292.88	-1060.22	-57.79	573.88	308.15
21422	17.14	12.19	-9.50	104.84	285.37	-993.02	-24.44	578.73	253.00
21423	17.95	10.95	-9.50	81.00	271.82	-920.14	16.18	578.17	207.14
21424	18.68	9.66	-9.50	60.28	253.72	-843.47	64.29	569.42	174.85
21425	0.78	21.87	-9.50	475.62	58.14	-1256.34	-11.50	53.75	696.16
21426	2.35	21.76	-9.50	464.91	64.94	-1251.38	-44.15	103.90	686.59
21427	3.90	21.54	-9.50	446.88	77.28	-1241.43	-76.04	155.18	670.24
21428	5.43	21.20	-9.50	422.74	93.75	-1227.88	-104.96	205.39	648.43
21429	6.94	20.76	-9.50	392.94	113.49	-1210.63	-129.13	252.75	621.34
21430	8.41	20.20	-9.50	358.09	135.71	-1189.22	-147.46	296.22	589.02
21431	9.83	19.55	-9.50	319.33	159.32	-1163.36	-159.24	335.14	551.78
21432	11.20	18.79	-9.50	278.12	182.99	-1132.95	-164.05	368.98	510.12
21433	12.52	17.94	-9.50	236.12	205.20	-1097.97	-161.72	397.28	464.71
21434	13.77	17.00	-9.50	195.03	224.32	-1058.40	-152.43	419.78	416.38
21435	14.95	15.97	-9.50	156.40	238.83	-1014.14	-136.62	436.55	366.18
21436	16.06	14.85	-9.50	121.29	247.35	-964.81	-114.65	448.21	315.66
21437	17.08	13.67	-9.50	90.07	248.64	-909.30	-86.24	456.40	266.93
21438	18.01	12.41	-9.50	60.17	241.32	-845.61	-49.50	463.80	222.56
21439	18.85	11.08	-9.50	30.02	225.94	-770.89	-3.64	471.85	187.28
21440	19.60	9.70	-9.50	2.67	200.09	-688.95	53.08	475.03	170.13
21441	0.83	22.71	-9.50	472.72	8.45	-1107.42	-14.32	45.74	485.01
21442	2.47	22.59	-9.50	460.32	15.12	-1098.18	-49.32	75.17	476.39
21443	4.11	22.35	-9.50	440.74	27.89	-1084.73	-83.83	108.40	463.36
21444	5.72	21.99	-9.50	415.56	45.31	-1070.38	-115.14	141.56	447.61
21445	7.30	21.52	-9.50	384.58	66.34	-1054.19	-141.21	172.22	429.02
21446	8.85	20.93	-9.50	348.18	90.06	-1034.88	-160.96	199.74	407.32
21447	10.35	20.23	-9.50	307.67	115.25	-1011.86	-173.76	223.87	382.62
21448	11.79	19.42	-9.50	264.68	140.44	-985.02	-179.23	244.28	355.31
21449	13.17	18.52	-9.50	221.02	164.01	-954.36	-177.33	260.67	325.91
21450	14.48	17.51	-9.50	178.47	184.37	-919.92	-168.42	272.90	295.06
21451	15.71	16.41	-9.50	138.62	200.04	-881.59	-153.13	281.24	263.53
21452	16.86	15.22	-9.50	102.63	209.58	-838.68	-132.01	286.82	232.20
21453	17.92	13.96	-9.50	70.00	211.01	-789.20	-104.69	292.20	201.72
21454	18.89	12.62	-9.50	40.39	200.70	-727.84	-68.18	300.94	172.27
21455	19.75	11.21	-9.50	-7.82	169.74	-645.23	-9.93	323.56	143.51
21456	20.51	9.75	-9.50	-62.03	129.77	-526.10	56.97	352.56	138.54
21457	0.87	23.55	-9.50	468.33	-3.78	-1013.00	-16.69	36.83	188.19
21458	2.60	23.42	-9.50	455.51	1.91	-999.68	-51.90	39.48	183.77
21459	4.32	23.17	-9.50	436.00	13.39	-982.40	-85.73	48.30	178.07
21460	6.01	22.78	-9.50	411.41	29.64	-966.63	-116.13	58.44	171.92
21461	7.67	22.28	-9.50	381.12	49.50	-950.92	-141.52	67.01	165.47
21462	9.29	21.65	-9.50	345.37	71.90	-933.01	-160.85	73.81	158.59
21463	10.86	20.91	-9.50	305.51	95.52	-912.03	-173.45	79.06	151.36
21464	12.37	20.05	-9.50	263.24	118.84	-887.83	-178.99	82.72	144.00
21465	13.81	19.09	-9.50	220.34	140.33	-860.51	-177.52	84.69	136.88
21466	15.18	18.02	-9.50	178.55	158.56	-830.23	-169.55	84.94	130.44
21467	16.47	16.85	-9.50	139.46	172.33	-797.11	-155.89	83.73	125.12
21468	17.66	15.59	-9.50	103.98	180.42	-760.73	-137.40	82.12	121.00
21469	18.76	14.25	-9.50	72.75	180.56	-718.78	-113.80	82.26	116.74
21470	19.76	12.83	-9.50	39.70	165.77	-665.30	-82.04	89.53	108.09
21471	20.65	11.34	-9.50	22.60	113.82	-578.62	-31.69	104.43	81.58
21472	21.43	9.79	-9.50	-188.36	-79.59	-372.44	150.22	275.88	-40.93
21473	0.70	20.20	-10.50	579.82	349.71	-1564.29	4.12	54.64	753.95
21474	2.10	20.10	-10.50	571.81	352.82	-1562.22	-17.89	115.78	746.16
21475	3.49	19.90	-10.50	557.63	358.86	-1554.62	-38.41	176.05	731.08
21476	4.86	19.62	-10.50	537.68	367.19	-1541.51	-56.46	234.51	708.97
21477	6.20	19.23	-10.50	512.52	377.16	-1522.95	-71.10	290.24	680.20
21478	7.52	18.76	-10.50	482.80	388.12	-1498.97	-81.53	342.33	645.23
21479	8.80	18.19	-10.50	449.32	399.26	-1469.53	-87.09	390.03	604.59
21480	10.04	17.54	-10.50	413.03	409.63	-1434.57	-87.29	432.71	558.93
21481	11.23	16.80	-10.50	374.99	418.10	-1394.01	-81.74	469.91	509.00
21482	12.37	15.98	-10.50	336.51	423.54	-1347.87	-70.10	501.23	455.49
21483	13.44	15.08	-10.50	298.93	424.00	-1296.58	-52.74	526.21	399.69

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]
21484	14.46	14.11	-10.50	262.67	419.41	-1240.73	-30.03	544.75	342.71
21485	15.40	13.08	-10.50	228.49	409.69	-1180.65	-2.07	556.05	286.49
21486	16.27	11.98	-10.50	196.47	394.33	-1116.60	31.39	559.24	233.95
21487	17.06	10.82	-10.50	167.41	374.82	-1048.82	69.88	554.27	188.90
21488	17.76	9.62	-10.50	141.64	352.41	-978.68	113.20	541.29	153.41
21489	0.74	21.03	-10.50	563.41	223.74	-1450.43	-2.56	52.88	731.31
21490	2.22	20.93	-10.50	553.49	229.26	-1447.94	-31.56	109.28	723.03
21491	3.69	20.72	-10.50	536.24	239.04	-1439.88	-59.15	165.23	707.63
21492	5.14	20.41	-10.50	512.43	251.98	-1426.57	-83.72	219.63	685.74
21493	6.57	19.99	-10.50	482.67	267.37	-1408.20	-103.85	271.26	657.72
21494	7.96	19.48	-10.50	447.70	284.47	-1384.74	-118.53	319.18	623.88
21495	9.32	18.87	-10.50	408.56	302.30	-1356.10	-127.03	362.63	584.66
21496	10.62	18.17	-10.50	366.54	319.62	-1322.24	-128.81	401.03	540.66
21497	11.88	17.37	-10.50	323.12	334.97	-1283.12	-123.53	433.92	492.56
21498	13.07	16.49	-10.50	279.92	346.59	-1238.83	-111.15	460.94	441.21
21499	14.20	15.53	-10.50	238.37	352.97	-1189.57	-92.10	481.87	387.57
21500	15.26	14.48	-10.50	199.34	353.24	-1135.50	-66.86	496.43	333.15
21501	16.24	13.37	-10.50	163.06	346.85	-1076.53	-35.55	504.51	280.37
21502	17.14	12.19	-10.50	129.54	334.03	-1012.15	1.97	506.44	232.58
21503	17.95	10.95	-10.50	99.08	315.09	-942.68	46.19	502.44	193.34
21504	18.68	9.66	-10.50	73.70	291.70	-870.53	97.00	490.84	166.48
21505	0.78	21.87	-10.50	547.27	114.10	-1333.24	-7.68	47.68	622.11
21506	2.35	21.76	-10.50	535.03	121.94	-1327.87	-41.80	91.86	612.36
21507	3.90	21.54	-10.50	515.11	135.03	-1317.67	-75.44	137.46	597.19
21508	5.43	21.20	-10.50	488.59	151.54	-1303.76	-105.49	181.98	577.82
21509	6.94	20.76	-10.50	455.66	171.02	-1285.85	-130.06	223.77	554.01
21510	8.41	20.20	-10.50	416.96	192.75	-1263.45	-148.12	262.06	525.62
21511	9.83	19.55	-10.50	373.80	215.56	-1236.31	-158.97	296.35	492.88
21512	11.20	18.79	-10.50	327.81	237.97	-1204.41	-162.15	326.18	456.26
21513	12.52	17.94	-10.50	280.78	258.22	-1167.77	-157.45	351.15	416.37
21514	13.77	17.00	-10.50	234.52	274.50	-1126.46	-145.06	370.99	373.93
21515	14.95	15.97	-10.50	190.57	285.19	-1080.51	-125.55	385.61	329.85
21516	16.06	14.85	-10.50	149.81	289.05	-1029.68	-99.45	395.22	285.59
21517	17.08	13.67	-10.50	112.38	285.18	-973.01	-66.68	400.66	243.28
21518	18.01	12.41	-10.50	76.35	272.50	-908.68	-25.93	403.22	205.84
21519	18.85	11.08	-10.50	42.09	251.43	-834.77	22.78	403.73	177.32
21520	19.60	9.70	-10.50	15.59	220.01	-754.88	80.75	398.95	165.51
21521	0.83	22.71	-10.50	531.50	36.62	-1247.93	-11.86	39.25	436.48
21522	2.47	22.59	-10.50	516.27	44.57	-1234.83	-48.69	64.34	425.89
21523	4.11	22.35	-10.50	494.45	58.89	-1218.94	-86.16	95.05	412.42
21524	5.72	21.99	-10.50	467.09	77.06	-1203.43	-119.57	124.98	398.23
21525	7.30	21.52	-10.50	432.90	98.53	-1185.79	-146.67	151.91	381.98
21526	8.85	20.93	-10.50	392.47	122.57	-1164.31	-166.67	175.92	363.02
21527	10.35	20.23	-10.50	347.45	147.81	-1138.55	-178.99	196.96	341.43
21528	11.79	19.42	-10.50	299.71	172.59	-1108.49	-183.23	214.74	317.55
21529	13.17	18.52	-10.50	251.22	195.07	-1074.20	-179.35	229.01	291.85
21530	14.48	17.51	-10.50	203.88	213.46	-1035.78	-167.75	239.58	264.88
21531	15.71	16.41	-10.50	159.26	226.18	-993.20	-149.13	246.56	237.37
21532	16.86	15.22	-10.50	118.29	231.82	-945.95	-124.10	250.60	210.23
21533	17.92	13.96	-10.50	80.56	228.59	-892.28	-92.38	253.10	184.68
21534	18.89	12.62	-10.50	45.66	213.02	-827.81	-51.52	256.24	161.88
21535	19.75	11.21	-10.50	-2.61	178.54	-742.68	6.86	262.87	145.46
21536	20.51	9.75	-10.50	-36.39	130.00	-636.31	68.43	270.89	152.43
21537	0.87	23.55	-10.50	512.46	4.78	-1234.41	-16.37	30.04	169.49
21538	2.60	23.42	-10.50	495.88	10.85	-1212.55	-53.68	30.08	163.84
21539	4.32	23.17	-10.50	473.97	23.52	-1188.92	-90.39	40.10	157.29
21540	6.01	22.78	-10.50	447.57	40.79	-1170.51	-122.95	50.25	151.60
21541	7.67	22.28	-10.50	414.28	61.54	-1152.23	-149.63	57.52	146.18
21542	9.29	21.65	-10.50	374.62	84.75	-1130.65	-169.45	62.93	140.50
21543	10.86	20.91	-10.50	330.54	108.94	-1105.08	-181.83	67.03	134.59
21544	12.37	20.05	-10.50	283.94	132.39	-1075.51	-186.43	69.78	128.65
21545	13.81	19.09	-10.50	236.81	153.40	-1042.06	-183.36	71.11	122.98
21546	15.18	18.02	-10.50	191.02	170.35	-1004.99	-173.20	70.98	117.95
21547	16.47	16.85	-10.50	148.19	181.89	-964.48	-156.84	69.54	113.99
21548	17.66	15.59	-10.50	109.19	186.62	-920.31	-135.12	67.46	111.33
21549	18.76	14.25	-10.50	74.33	182.11	-870.45	-107.77	66.22	109.65
21550	19.76	12.83	-10.50	40.01	161.30	-808.72	-72.31	67.71	107.07
21551	20.65	11.34	-10.50	12.29	104.08	-713.09	-17.23	78.41	98.76
21552	21.43	9.79	-10.50	-125.65	-90.01	-462.77	147.28	117.81	69.45
21553	11.69	9.49	-9.50	347.65	406.76	-1290.94	89.02	473.88	-13.14
21554	12.72	9.44	-9.50	321.28	393.14	-1277.50	95.68	514.50	11.34
21555	13.76	9.39	-9.50	291.90	379.02	-1252.40	101.11	552.94	37.66
21556	11.91	10.47	-9.50	342.72	415.95	-1360.72	72.97	506.21	56.89
21557	12.81	10.33	-9.50	318.36	402.43	-1334.96	78.24	540.95	71.05
21558	13.70	10.18	-9.50	292.30	388.17	-1300.37	83.05	571.15	85.66
21559	12.11	11.46	-9.50	335.05	421.87	-1419.00	54.54	536.29	137.09
21560	12.88	11.21	-9.50	313.43	409.37	-1383.51	59.51	564.21	136.74
21561	13.63	10.96	-9.50	289.94	395.43	-1342.75	63.94	589.12	139.56
21562	0.57	9.89	-9.50	508.65	494.40	-1257.14	43.77	49.43	-100.37
21563	1.70	9.88	-9.50	505.70	491.89	-1260.66	45.65	90.67	-101.93
21564	2.84	9.86	-9.50	498.98	487.38	-1265.28	47.68	132.30	-101.10
21565	3.96	9.83	-9.50	488.61	481.30	-1270.51	50.15	174.18	-98.34
21566	5.08	9.80	-9.50	474.94	473.77	-1276.30	53.24	216.28	-93.58
21567	6.20	9.76	-9.50	458.44	464.97	-1282.46	57.11	258.60	-86.67
21568	7.31	9.71	-9.50	439.60	455.04	-1288.59	61.86	301.19	-77.38
21569	8.42	9.66	-9.50	418.87	444.13	-1293.93	67.57	344.12	-65.47
21570	9.52	9.60	-9.50	396.57	432.37	-1297.24	74.21	387.43	-50.68
21571	10.62	9.54	-9.50	372.77	419.85	-1296.63	81.62	431.07	-32.93
21572	0.60	11.68	-9.50	510.65	504.79	-1416.00	36.41	52.83	17.39
21573	1.80	11.64	-9.50	507.02	502.57	-1417.38	36.23	99.62	15.17
21574	2.99	11.58	-9.50	499.47	498.46	-1419.13	36.69	146.65	14.00
21575	4.16	11.50	-9.50	488.17	492.79	-1420.25	37.91	193.51	14.09
21576	5.32	11.40	-9.50	473.57	485.64	-1420.50	40.05	240.15	15.54
21577	6.47	11.28	-9.50	456.21	477.11	-1419.38	43.23	286.49	18.46
21578	7.60	11.15	-9.50	436.58	467.25	-1416.19	47.52	332.49	22.96
21579	8.72	10.99	-9.50	415.11	456.07	-1409.87	52.90	378.05	29.15
21580	9.83	10.82	-9.50	392.05	443.57	-1399.02	59.27	422.93	37.01
21581	10.92	10.63	-9.50	367.39	429.70	-1381.88	66.46	466.72	46.41
21582	0.63	13.48	-9.50	506.20	510.63	-1582.26	28.77	56.69	168.95

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]
21583	1.88	13.42	-9.50	502.20	508.68	-1581.43	26.98	109.25	164.62
21584	3.11	13.32	-9.50	494.28	505.22	-1579.33	26.00	162.07	160.91
21585	4.33	13.19	-9.50	482.62	500.27	-1574.59	25.92	214.38	157.46
21586	5.53	13.03	-9.50	467.70	493.79	-1566.82	26.89	265.93	154.25
21587	6.70	12.83	-9.50	450.00	485.72	-1555.41	29.01	316.50	151.27
21588	7.86	12.61	-9.50	429.97	476.00	-1539.54	32.28	365.85	148.50
21589	8.99	12.35	-9.50	407.93	464.54	-1518.24	36.67	413.68	145.89
21590	10.11	12.06	-9.50	384.11	451.25	-1490.44	42.08	459.43	143.34
21591	11.19	11.74	-9.50	358.65	436.07	-1455.07	48.44	501.96	140.36
21592	0.65	15.28	-9.50	498.81	503.92	-1727.10	21.19	59.72	356.26
21593	1.95	15.20	-9.50	494.49	502.66	-1724.83	17.54	119.40	350.40
21594	3.22	15.07	-9.50	486.24	500.02	-1718.28	14.66	178.67	343.18
21595	4.47	14.90	-9.50	474.31	495.95	-1706.59	12.70	236.86	334.40
21596	5.71	14.67	-9.50	459.08	490.34	-1689.43	11.80	293.48	323.98
21597	6.91	14.40	-9.50	440.96	483.06	-1666.37	12.07	348.10	311.85
21598	8.09	14.08	-9.50	420.30	474.01	-1636.90	13.57	400.23	297.95
21599	9.24	13.72	-9.50	397.40	463.06	-1600.49	16.36	449.34	282.27
21600	10.36	13.31	-9.50	372.54	450.11	-1556.73	20.47	494.79	264.84
21601	11.45	12.86	-9.50	346.04	434.99	-1505.45	25.90	535.61	246.20
21602	0.67	17.07	-9.50	491.69	467.13	-1803.52	13.60	62.15	566.94
21603	1.99	16.99	-9.50	486.79	466.82	-1800.42	6.56	128.40	559.49
21604	3.30	16.84	-9.50	477.89	465.73	-1790.61	0.30	193.72	547.79
21605	4.59	16.62	-9.50	465.20	463.67	-1773.73	-4.94	257.24	531.75
21606	5.85	16.34	-9.50	449.04	460.49	-1749.76	-8.92	318.20	511.43
21607	7.09	15.99	-9.50	429.80	456.06	-1718.63	-11.40	375.91	486.97
21608	8.29	15.58	-9.50	407.86	450.21	-1680.29	-12.17	429.69	458.57
21609	9.46	15.11	-9.50	383.62	442.75	-1634.73	-11.03	478.93	426.51
21610	10.60	14.58	-9.50	357.50	433.46	-1582.08	-7.76	523.06	391.22
21611	11.69	14.00	-9.50	330.00	422.08	-1522.64	-2.28	561.56	353.33
21612	0.68	18.88	-9.50	486.06	382.00	-1765.58	6.03	62.56	754.09
21613	2.02	18.79	-9.50	480.52	383.37	-1762.96	-6.70	131.88	745.70
21614	3.36	18.61	-9.50	470.54	385.52	-1753.55	-18.46	200.08	730.19
21615	4.68	18.35	-9.50	456.42	388.19	-1737.30	-28.75	266.18	707.69
21616	5.97	18.01	-9.50	438.58	391.05	-1714.29	-37.09	329.24	678.51
21617	7.23	17.59	-9.50	417.48	393.77	-1684.60	-43.05	388.36	643.08
21618	8.47	17.09	-9.50	393.66	395.95	-1648.30	-46.23	442.79	601.91
21619	9.66	16.51	-9.50	367.71	397.09	-1605.44	-46.29	491.86	555.62
21620	10.81	15.87	-9.50	340.34	396.64	-1556.11	-42.95	535.11	504.91
21621	11.91	15.15	-9.50	312.16	393.96	-1500.52	-36.06	572.21	450.64
21622	16.80	9.56	-9.50	178.45	326.86	-1102.86	92.48	630.29	132.40
21623	16.19	10.65	-9.50	195.14	343.64	-1175.04	60.04	642.29	175.37
21624	15.52	11.69	-9.50	212.62	358.44	-1244.33	31.19	645.62	226.23
21625	15.79	9.48	-9.50	218.83	346.68	-1168.21	99.51	616.64	103.03
21626	15.37	10.42	-9.50	229.56	360.29	-1227.87	72.60	628.23	145.73
21627	14.91	11.34	-9.50	240.38	371.75	-1283.95	47.78	633.23	193.74
21628	14.78	9.40	-9.50	256.19	363.34	-1217.00	102.91	590.27	70.26
21629	14.55	10.21	-9.50	260.75	374.11	-1266.05	81.66	603.80	111.97
21630	14.30	11.00	-9.50	266.73	383.28	-1310.67	60.68	610.74	158.54
21631	12.93	14.37	-9.50	284.82	388.90	-1441.33	-25.71	602.52	396.34
21632	12.65	13.39	-9.50	304.49	410.18	-1462.95	5.47	591.35	316.23
21633	12.36	12.43	-9.50	322.14	420.87	-1455.39	31.76	567.07	229.10
21634	13.86	13.54	-9.50	259.28	381.54	-1379.13	-11.48	624.33	339.62
21635	13.48	12.78	-9.50	281.29	398.33	-1404.41	15.42	612.37	277.88
21636	13.10	12.03	-9.50	300.94	408.32	-1408.49	38.40	590.08	210.93
21637	14.74	12.66	-9.50	235.02	371.49	-1312.28	6.69	639.32	284.10
21638	14.28	12.13	-9.50	258.55	385.03	-1342.39	27.94	626.84	240.49
21639	13.81	11.61	-9.50	279.41	394.49	-1358.07	46.65	607.19	190.14
21640	11.69	9.49	-10.50	411.01	525.39	-1194.63	119.05	426.29	5.84
21641	12.72	9.44	-10.50	375.37	502.73	-1184.01	125.88	461.55	28.59
21642	13.76	9.39	-10.50	336.56	479.11	-1164.46	131.47	493.74	52.00
21643	11.91	10.47	-10.50	405.77	530.95	-1253.77	98.26	455.15	69.82
21644	12.81	10.33	-10.50	372.96	509.39	-1233.06	104.11	484.78	82.33
21645	13.70	10.18	-10.50	338.60	486.91	-1205.91	109.74	509.60	94.67
21646	12.11	11.46	-10.50	397.37	531.23	-1304.41	74.71	480.94	141.45
21647	12.88	11.21	-10.50	368.44	512.57	-1275.67	80.94	504.52	140.49
21648	13.63	10.96	-10.50	337.90	492.41	-1243.38	87.01	525.06	142.10
21649	0.57	9.89	-10.50	620.74	659.51	-1166.01	55.03	43.54	-88.36
21650	1.70	9.88	-10.50	616.39	656.08	-1169.07	59.60	79.98	-89.19
21651	2.84	9.86	-10.50	607.73	649.80	-1172.97	64.43	116.65	-87.71
21652	3.96	9.83	-10.50	594.80	641.20	-1177.47	69.60	153.85	-84.13
21653	5.08	9.80	-10.50	577.88	630.39	-1182.44	75.22	191.59	-78.39
21654	6.20	9.76	-10.50	557.29	617.49	-1187.68	81.37	229.91	-70.38
21655	7.31	9.71	-10.50	533.41	602.59	-1192.80	88.07	268.82	-59.96
21656	8.42	9.66	-10.50	506.60	585.79	-1197.19	95.34	308.29	-47.00
21657	9.52	9.60	-10.50	477.13	567.19	-1199.82	103.11	348.14	-31.42
21658	10.62	9.54	-10.50	445.08	546.92	-1199.23	111.26	387.96	-13.41
21659	0.60	11.68	-10.50	630.82	674.84	-1305.57	47.10	46.30	22.93
21660	1.80	11.64	-10.50	625.60	671.04	-1306.79	48.83	88.45	21.47
21661	2.99	11.58	-10.50	615.68	664.55	-1307.86	51.36	130.41	21.23
21662	4.16	11.50	-10.50	601.16	655.50	-1308.35	54.59	172.53	22.46
21663	5.32	11.40	-10.50	582.44	644.02	-1307.95	58.57	214.72	25.19
21664	6.47	11.28	-10.50	559.92	630.20	-1306.25	63.40	256.88	29.44
21665	7.60	11.15	-10.50	534.04	614.12	-1302.64	69.08	298.90	35.17
21666	8.72	10.99	-10.50	505.18	595.85	-1296.34	75.60	340.52	42.34
21667	9.83	10.82	-10.50	473.66	575.47	-1286.32	82.94	381.29	50.76
21668	10.92	10.63	-10.50	439.65	553.08	-1271.39	91.04	420.52	60.12
21669	0.63	13.48	-10.50	631.49	674.12	-1449.93	38.32	49.72	165.41
21670	1.88	13.42	-10.50	625.83	670.54	-1449.04	37.41	97.70	162.16
21671	3.11	13.32	-10.50	615.17	664.51	-1446.56	37.37	145.34	159.40
21672	4.33	13.19	-10.50	599.68	655.95	-1441.75	38.24	192.69	157.07
21673	5.53	13.03	-10.50	579.81	644.88	-1434.16	40.13	239.46	155.07
21674	6.70	12.83	-10.50	556.03	631.33	-1423.31	43.13	285.37	153.29
21675	7.86	12.61	-10.50	528.74	615.31	-1408.58	47.29	330.09	151.60
21676	8.99	12.35	-10.50	498.34	596.84	-1389.28	52.64	373.17	149.84
21677	10.11	12.06	-10.50	465.21	575.92	-1364.74	59.20	413.98	147.81
21678	11.19	11.74	-10.50	429.83	552.67	-1334.44	67.05	451.33	144.97
21679	0.65	15.28	-10.50	624.97	648.51	-1574.93	29.45	52.66	337.17
21680	1.95	15.20	-10.50	618.91	645.92	-1572.77	25.22	107.08	332.19
21681	3.22	15.07	-10.50	607.66	641.16	-1566.62	21.90	160.70	325.86

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]
21682	4.47	14.90	-10.50	591.47	634.17	-1556.02	19.67	213.34	318.10
21683	5.71	14.67	-10.50	570.77	624.91	-1540.67	18.73	264.50	308.80
21684	6.91	14.40	-10.50	546.01	613.33	-1520.25	19.23	313.67	297.89
21685	8.09	14.08	-10.50	517.62	599.40	-1494.37	21.32	360.34	285.29
21686	9.24	13.72	-10.50	486.04	583.04	-1462.69	25.18	403.95	270.99
21687	10.36	13.31	-10.50	451.73	564.19	-1425.02	30.93	443.88	255.01
21688	11.45	12.86	-10.50	415.39	542.60	-1381.58	38.67	479.31	237.79
21689	0.67	17.07	-10.50	613.13	586.72	-1648.15	20.70	54.83	521.51
21690	1.99	16.99	-10.50	606.60	585.54	-1645.37	11.78	114.65	514.95
21691	3.30	16.84	-10.50	594.76	583.20	-1636.70	3.92	173.34	504.39
21692	4.59	16.62	-10.50	577.87	579.52	-1622.02	-2.54	230.32	489.85
21693	5.85	16.34	-10.50	556.34	574.40	-1601.28	-7.24	284.88	471.40
21694	7.09	15.99	-10.50	530.66	567.68	-1574.45	-9.88	336.33	449.20
21695	8.29	15.58	-10.50	501.33	559.20	-1541.47	-10.14	384.03	423.50
21696	9.46	15.11	-10.50	468.92	548.72	-1502.33	-7.73	427.41	394.63
21697	10.60	14.58	-10.50	434.03	535.90	-1457.18	-2.35	466.02	363.00
21698	11.69	14.00	-10.50	397.42	520.38	-1406.48	6.09	499.48	329.12
21699	0.68	18.88	-10.50	597.32	481.10	-1641.31	12.22	55.19	677.50
21700	2.02	18.79	-10.50	590.41	481.91	-1638.86	-2.77	116.86	670.12
21701	3.36	18.61	-10.50	578.00	483.49	-1630.41	-16.46	177.43	656.41
21702	4.68	18.35	-10.50	560.42	485.59	-1615.97	-28.24	236.08	636.50
21703	5.97	18.01	-10.50	538.11	487.85	-1595.55	-37.51	291.95	610.66
21704	7.23	17.59	-10.50	511.64	489.85	-1569.21	-43.75	344.26	579.31
21705	8.47	17.09	-10.50	481.62	491.11	-1536.99	-46.48	392.32	542.97
21706	9.66	16.51	-10.50	448.78	491.04	-1498.90	-45.28	435.54	502.25
21707	10.81	15.87	-10.50	413.91	488.92	-1455.00	-39.78	473.53	457.82
21708	11.91	15.15	-10.50	377.81	483.92	-1405.55	-29.83	506.09	410.40
21709	16.80	9.56	-10.50	201.01	396.10	-1056.27	124.14	552.85	131.17
21710	16.19	10.65	-10.50	224.10	416.31	-1119.76	87.53	564.70	168.81
21711	15.52	11.69	-10.50	248.29	434.45	-1180.71	54.41	568.91	213.43
21712	15.79	9.48	-10.50	247.14	426.35	-1102.80	130.36	544.02	107.20
21713	15.37	10.42	-10.50	262.92	441.69	-1155.13	99.54	554.86	144.71
21714	14.91	11.34	-10.50	279.05	454.71	-1204.67	70.87	559.87	186.79
21715	14.78	9.40	-10.50	291.87	453.21	-1138.11	133.41	524.03	79.98
21716	14.55	10.21	-10.50	299.65	464.19	-1180.92	108.60	536.06	116.74
21717	14.30	11.00	-10.50	309.25	473.42	-1220.32	83.98	542.11	157.54
21718	12.93	14.37	-10.50	342.61	475.97	-1352.94	-15.67	532.71	363.06
21719	12.65	13.39	-10.50	363.55	504.34	-1355.76	17.31	525.26	296.04
21720	12.36	12.43	-10.50	382.91	522.74	-1339.81	47.00	506.29	221.94
21721	13.86	13.54	-10.50	309.49	465.13	-1298.08	2.82	551.73	313.29
21722	13.48	12.78	-10.50	333.05	488.52	-1306.40	30.85	543.18	261.74
21723	13.10	12.03	-10.50	354.83	505.57	-1301.27	56.06	525.75	205.09
21724	14.74	12.66	-10.50	277.82	451.19	-1239.94	25.44	564.40	264.45
21725	14.28	12.13	-10.50	303.38	470.99	-1254.68	47.12	555.01	228.26
21726	13.81	11.61	-10.50	326.75	486.62	-1260.45	67.07	539.64	185.65
21727	-11.73	9.54	-9.50	338.83	433.40	-1256.58	9.84	-340.88	34.36
21728	-12.75	9.48	-9.50	317.31	423.13	-1251.00	6.45	-375.03	61.07
21729	-13.78	9.42	-9.50	293.91	412.55	-1235.28	4.90	-409.65	89.13
21730	-12.00	10.61	-9.50	337.20	440.30	-1329.94	15.83	-380.71	118.73
21731	-12.88	10.44	-9.50	316.98	429.62	-1307.87	14.22	-408.77	132.60
21732	-13.75	10.26	-9.50	295.69	418.48	-1278.84	13.64	-433.92	146.50
21733	-12.22	11.64	-9.50	333.95	441.51	-1383.14	25.25	-417.25	205.95
21734	-12.96	11.36	-9.50	315.44	432.12	-1350.35	24.18	-438.39	204.32
21735	-13.69	11.07	-9.50	295.66	421.30	-1314.98	24.06	-458.20	205.84
21736	-0.60	9.97	-9.50	507.86	494.77	-1250.75	41.88	0.42	-91.64
21737	-1.78	10.05	-9.50	503.01	493.25	-1246.19	40.85	-35.91	-82.69
21738	-2.94	10.06	-9.50	493.62	490.51	-1242.26	39.56	-72.06	-76.18
21739	-4.07	10.03	-9.50	480.40	486.74	-1240.33	37.81	-107.43	-69.71
21740	-5.20	9.99	-9.50	464.12	481.83	-1240.39	35.47	-141.82	-62.12
21741	-6.30	9.93	-9.50	445.47	475.82	-1242.22	32.46	-175.27	-52.62
21742	-7.41	9.86	-9.50	425.19	468.83	-1245.50	28.76	-208.02	-40.73
21743	-8.50	9.78	-9.50	403.95	460.97	-1249.71	24.41	-240.46	-26.10
21744	-9.59	9.70	-9.50	382.30	452.36	-1253.93	19.55	-273.10	-8.50
21745	-10.67	9.62	-9.50	360.52	443.05	-1256.65	14.47	-306.52	12.03
21746	-0.65	11.83	-9.50	507.52	507.33	-1420.97	37.52	6.28	30.52
21747	-1.93	11.99	-9.50	501.32	507.43	-1439.51	36.69	-44.65	50.58
21748	-3.17	12.02	-9.50	491.26	505.04	-1441.80	36.05	-91.38	62.36
21749	-4.37	11.96	-9.50	477.95	500.84	-1436.12	35.35	-134.70	69.78
21750	-5.54	11.84	-9.50	461.89	495.31	-1426.23	34.16	-175.16	75.26
21751	-6.68	11.69	-9.50	443.64	488.59	-1414.18	32.27	-213.26	80.22
21752	-7.80	11.50	-9.50	423.75	480.74	-1400.81	29.65	-249.44	85.61
21753	-8.89	11.29	-9.50	402.76	471.80	-1386.16	26.39	-284.13	92.03
21754	-9.97	11.07	-9.50	381.06	461.81	-1369.68	22.69	-317.67	99.76
21755	-11.03	10.82	-9.50	358.85	450.85	-1350.36	18.83	-350.25	108.77
21756	-0.66	13.61	-9.50	503.69	511.69	-1585.68	31.04	3.54	182.60
21757	-1.97	13.75	-9.50	497.98	510.35	-1597.80	32.38	-52.89	202.56
21758	-3.25	13.76	-9.50	488.26	507.75	-1597.03	33.58	-106.34	214.84
21759	-4.50	13.68	-9.50	475.31	503.71	-1587.89	34.44	-156.77	221.37
21760	-5.72	13.52	-9.50	459.62	498.35	-1571.80	34.76	-203.91	223.86
21761	-6.90	13.30	-9.50	441.68	491.71	-1550.08	34.39	-247.73	223.67
21762	-8.05	13.02	-9.50	421.89	483.77	-1523.63	33.34	-288.37	221.78
21763	-9.17	12.71	-9.50	400.64	474.51	-1492.98	31.68	-326.00	218.84
21764	-10.26	12.36	-9.50	378.25	463.92	-1458.38	29.61	-360.66	215.30
21765	-11.32	11.98	-9.50	355.06	452.07	-1419.74	27.30	-391.79	210.96
21766	-0.67	15.37	-9.50	497.21	503.41	-1727.28	25.50	0.52	368.43
21767	-1.99	15.46	-9.50	492.20	500.50	-1729.93	29.17	-61.77	384.52
21768	-3.30	15.43	-9.50	483.30	496.99	-1721.11	32.80	-121.52	392.42
21769	-4.58	15.31	-9.50	471.06	492.63	-1703.52	36.16	-178.26	393.47
21770	-5.83	15.10	-9.50	455.86	487.38	-1678.09	38.96	-231.29	388.90
21771	-7.05	14.82	-9.50	438.06	481.15	-1645.68	41.01	-280.13	379.81
21772	-8.23	14.46	-9.50	418.04	473.87	-1607.05	42.23	-324.52	367.15
21773	-9.38	14.06	-9.50	396.12	465.44	-1562.93	42.57	-364.32	351.67
21774	-10.49	13.59	-9.50	372.66	455.81	-1514.04	42.10	-399.44	333.98
21775	-11.56	13.09	-9.50	348.13	444.75	-1461.40	41.00	-429.58	315.07
21776	-0.67	17.14	-9.50	491.19	465.35	-1800.05	21.17	-2.99	574.85
21777	-2.01	17.15	-9.50	486.80	461.58	-1792.87	28.73	-70.23	581.77
21778	-3.33	17.07	-9.50	478.45	458.31	-1776.16	36.28	-134.91	580.33
21779	-4.64	16.89	-9.50	466.47	455.14	-1751.46	43.38	-196.29	571.39
21780	-5.92	16.62	-9.50	451.16	451.89	-1719.38	49.65	-253.46	555.88

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]
21781	-7.16	16.27	-9.50	432.88	448.39	-1680.50	54.75	-305.70	534.75
21782	-8.37	15.85	-9.50	412.06	444.41	-1635.47	58.46	-352.49	508.90
21783	-9.54	15.35	-9.50	389.13	439.73	-1584.95	60.59	-393.48	479.20
21784	-10.67	14.79	-9.50	364.56	434.10	-1529.74	61.07	-428.53	446.42
21785	-11.76	14.16	-9.50	338.86	427.25	-1470.89	60.11	-457.70	411.39
21786	-0.68	18.90	-9.50	486.62	380.77	-1761.60	18.84	-5.41	756.60
21787	-2.03	18.84	-9.50	482.73	380.02	-1751.81	32.22	-74.29	752.65
21788	-3.37	18.69	-9.50	474.38	380.87	-1734.64	45.11	-140.68	740.76
21789	-4.69	18.45	-9.50	461.97	382.92	-1710.82	56.97	-203.75	721.54
21790	-5.99	18.11	-9.50	445.88	385.82	-1680.72	67.28	-262.59	695.64
21791	-7.26	17.69	-9.50	426.58	389.20	-1644.68	75.60	-316.39	663.84
21792	-8.49	17.19	-9.50	404.57	392.65	-1603.07	81.56	-364.51	626.93
21793	-9.68	16.60	-9.50	380.45	395.73	-1556.30	84.94	-406.49	585.73
21794	-10.83	15.94	-9.50	354.88	397.96	-1504.88	85.60	-442.03	541.00
21795	-11.93	15.21	-9.50	328.41	398.86	-1449.52	83.64	-471.09	493.40
21796	-16.80	9.56	-9.50	200.19	373.06	-1108.75	24.41	-494.90	184.54
21797	-16.20	10.66	-9.50	216.12	382.20	-1166.88	38.95	-508.68	236.45
21798	-15.53	11.72	-9.50	233.38	388.50	-1222.61	52.65	-516.67	290.24
21799	-15.80	9.49	-9.50	234.91	387.84	-1167.98	13.82	-476.97	155.93
21800	-15.40	10.46	-9.50	244.83	395.77	-1215.93	26.69	-491.64	207.06
21801	-14.94	11.40	-9.50	255.72	400.71	-1260.30	39.15	-501.41	258.60
21802	-14.79	9.43	-9.50	265.65	400.62	-1209.06	7.00	-447.87	122.46
21803	-14.59	10.27	-9.50	270.21	407.19	-1250.28	17.51	-465.89	172.48
21804	-14.35	11.08	-9.50	276.51	411.36	-1286.05	28.40	-477.18	223.84
21805	-12.95	14.42	-9.50	302.75	398.11	-1393.39	79.48	-493.48	446.71
21806	-12.71	13.52	-9.50	315.30	420.20	-1414.91	57.65	-478.97	377.61
21807	-12.45	12.61	-9.50	326.29	434.68	-1413.48	39.63	-452.24	297.89
21808	-13.88	13.58	-9.50	278.24	396.35	-1336.95	72.95	-507.85	396.54
21809	-13.53	12.88	-9.50	293.65	413.95	-1362.20	53.83	-492.62	341.76
21810	-13.17	12.17	-9.50	307.37	426.46	-1370.68	37.64	-468.43	279.32
21811	-14.76	12.69	-9.50	254.88	393.15	-1278.99	64.35	-516.07	346.30
21812	-14.32	12.20	-9.50	272.55	406.85	-1308.52	48.60	-500.58	305.99
21813	-13.87	11.71	-9.50	288.45	417.72	-1325.72	34.98	-479.49	257.08
21814	-11.69	9.52	-10.50	427.62	566.20	-1159.90	7.99	-308.78	44.99
21815	-12.72	9.46	-10.50	398.23	549.28	-1154.99	5.67	-339.45	69.97
21816	-13.76	9.41	-10.50	366.29	531.71	-1141.96	5.14	-369.34	95.09
21817	-11.91	10.54	-10.50	424.91	571.42	-1221.22	18.45	-340.86	115.92
21818	-12.81	10.39	-10.50	397.38	554.70	-1203.87	17.24	-366.28	129.89
21819	-13.70	10.22	-10.50	368.62	537.36	-1180.93	16.86	-388.34	143.13
21820	-12.11	11.55	-10.50	419.52	568.91	-1270.03	31.95	-370.43	191.62
21821	-12.87	11.29	-10.50	394.79	554.87	-1243.63	30.61	-390.02	191.60
21822	-13.62	11.02	-10.50	368.81	539.39	-1215.31	29.89	-407.91	194.10
21823	-0.57	9.92	-10.50	620.71	659.84	-1155.66	50.90	5.45	-83.88
21824	-1.72	9.94	-10.50	617.15	657.44	-1145.94	47.06	-26.96	-77.88
21825	-2.85	9.94	-10.50	608.23	653.51	-1141.86	43.18	-59.22	-72.08
21826	-3.98	9.91	-10.50	594.96	648.25	-1140.98	39.19	-90.92	-65.17
21827	-5.10	9.88	-10.50	577.96	641.36	-1142.30	34.97	-122.06	-56.53
21828	-6.21	9.83	-10.50	557.82	632.75	-1145.16	30.51	-152.78	-45.70
21829	-7.32	9.78	-10.50	535.12	622.44	-1149.08	25.84	-183.33	-32.38
21830	-8.43	9.72	-10.50	510.39	610.49	-1153.51	21.05	-214.01	-16.43
21831	-9.53	9.65	-10.50	484.07	596.98	-1157.61	16.27	-245.12	2.18
21832	-10.62	9.58	-10.50	456.36	582.04	-1160.10	11.73	-276.88	23.20
21833	-0.61	11.74	-10.50	629.19	677.42	-1302.99	46.35	5.85	27.65
21834	-1.81	11.78	-10.50	624.76	677.09	-1306.12	43.90	-34.62	35.01
21835	-3.00	11.75	-10.50	615.12	673.37	-1303.01	41.58	-73.67	41.24
21836	-4.17	11.69	-10.50	601.14	667.00	-1297.17	39.39	-111.07	47.75
21837	-5.33	11.59	-10.50	583.29	658.48	-1290.18	37.07	-147.15	54.85
21838	-6.47	11.46	-10.50	562.10	647.99	-1282.39	34.42	-182.07	62.77
21839	-7.61	11.31	-10.50	538.10	635.63	-1273.69	31.42	-215.98	71.72
21840	-8.72	11.13	-10.50	511.82	621.48	-1263.71	28.10	-249.01	81.79
21841	-9.83	10.94	-10.50	483.72	605.63	-1251.81	24.60	-281.19	92.85
21842	-10.92	10.73	-10.50	454.13	588.27	-1237.19	21.05	-312.47	104.56
21843	-0.62	13.53	-10.50	630.16	675.44	-1447.93	39.74	3.19	171.20
21844	-1.86	13.55	-10.50	625.45	673.76	-1449.14	40.57	-43.28	178.61
21845	-3.09	13.50	-10.50	615.36	669.86	-1444.05	41.26	-88.72	183.51
21846	-4.31	13.40	-10.50	600.97	663.73	-1434.01	41.67	-132.08	186.88
21847	-5.51	13.24	-10.50	582.67	655.43	-1420.10	41.70	-173.37	189.34
21848	-6.68	13.04	-10.50	560.88	645.10	-1402.76	41.26	-212.56	191.22
21849	-7.84	12.80	-10.50	536.05	632.81	-1382.14	40.28	-249.65	192.70
21850	-8.98	12.52	-10.50	508.61	618.62	-1358.15	38.75	-284.55	193.78
21851	-10.09	12.21	-10.50	479.01	602.57	-1330.70	36.75	-317.11	194.34
21852	-11.18	11.86	-10.50	447.86	584.82	-1299.70	34.31	-346.74	193.81
21853	-0.64	15.32	-10.50	624.27	648.84	-1572.59	34.24	-0.38	342.31
21854	-1.91	15.31	-10.50	619.44	646.67	-1570.25	38.69	-53.06	346.73
21855	-3.18	15.23	-10.50	609.38	642.99	-1560.70	42.98	-104.42	347.46
21856	-4.43	15.08	-10.50	594.88	637.69	-1544.94	46.82	-153.41	345.14
21857	-5.66	14.86	-10.50	576.32	630.72	-1523.54	50.01	-199.63	340.19
21858	-6.87	14.59	-10.50	554.09	622.09	-1496.88	52.42	-242.70	332.99
21859	-8.06	14.26	-10.50	528.59	611.81	-1465.23	53.89	-282.35	323.82
21860	-9.21	13.88	-10.50	500.26	599.87	-1428.90	54.33	-318.36	312.86
21861	-10.34	13.45	-10.50	469.56	586.23	-1388.27	53.67	-350.52	300.17
21862	-11.43	12.98	-10.50	437.23	570.64	-1344.22	51.97	-378.56	286.14
21863	-0.66	17.10	-10.50	613.20	586.42	-1645.35	30.07	-3.92	525.09
21864	-1.96	17.06	-10.50	608.36	584.79	-1639.68	39.37	-61.94	524.88
21865	-3.26	16.94	-10.50	598.38	582.82	-1626.39	48.39	-118.20	519.35
21866	-4.54	16.74	-10.50	583.78	580.28	-1606.22	56.64	-171.66	508.97
21867	-5.81	16.47	-10.50	564.92	577.02	-1579.61	63.78	-221.63	494.22
21868	-7.05	16.12	-10.50	542.20	572.93	-1546.95	69.51	-267.51	475.65
21869	-8.26	15.71	-10.50	516.12	567.87	-1508.68	73.58	-308.84	453.77
21870	-9.43	15.23	-10.50	487.19	561.66	-1465.30	75.75	-345.27	429.09
21871	-10.57	14.68	-10.50	456.00	554.06	-1417.43	75.83	-376.67	402.00
21872	-11.67	14.08	-10.50	423.28	544.73	-1366.03	73.95	-403.13	372.84
21873	-0.67	18.88	-10.50	598.23	480.90	-1638.70	27.56	-5.83	679.34
21874	-2.01	18.81	-10.50	593.67	481.76	-1631.70	43.02	-66.15	674.76
21875	-3.34	18.65	-10.50	583.78	483.98	-1618.00	57.84	-124.53	663.58
21876	-4.66	18.39	-10.50	569.00	487.23	-1598.05	71.33	-180.01	646.23
21877	-5.95	18.06	-10.50	549.75	491.16	-1572.10	82.94	-231.78	623.24
21878	-7.22	17.64	-10.50	526.56	495.42	-1540.42	92.20	-279.12	595.27
21879	-8.45	17.14	-10.50	500.03	499.60	-1503.33	98.72	-321.46	563.04

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]
21880	-9.64	16.56	-10.50	470.83	503.22	-1461.20	102.19	-358.39	527.26
21881	-10.80	15.90	-10.50	439.72	505.71	-1414.47	102.41	-389.72	488.57
21882	-11.90	15.18	-10.50	407.42	506.44	-1363.81	99.40	-415.47	447.37
21883	-16.80	9.56	-10.50	250.54	470.28	-1049.05	25.81	-437.34	175.30
21884	-16.19	10.65	-10.50	270.55	481.98	-1103.45	43.32	-449.69	220.92
21885	-15.52	11.71	-10.50	291.91	490.38	-1155.61	59.78	-457.00	268.44
21886	-15.79	9.49	-10.50	291.19	492.38	-1091.57	15.41	-424.13	151.76
21887	-15.37	10.45	-10.50	304.52	502.02	-1136.95	30.98	-436.37	195.80
21888	-14.91	11.37	-10.50	318.64	508.19	-1179.40	45.88	-444.45	240.73
21889	-14.78	9.42	-10.50	329.33	512.39	-1121.77	8.14	-401.16	123.82
21890	-14.55	10.24	-10.50	335.95	519.71	-1160.20	21.26	-415.55	166.22
21891	-14.30	11.04	-10.50	344.31	524.25	-1194.54	34.63	-424.10	210.44
21892	-12.92	14.40	-10.50	376.06	504.96	-1312.21	93.58	-435.64	406.82
21893	-12.64	13.46	-10.50	393.28	535.07	-1316.90	70.10	-422.74	344.48
21894	-12.35	12.52	-10.50	408.52	556.42	-1303.98	49.74	-399.56	273.08
21895	-13.86	13.56	-10.50	346.29	501.96	-1260.41	84.98	-448.83	362.79
21896	-13.47	12.83	-10.50	366.06	526.30	-1270.55	64.64	-435.73	313.61
21897	-13.09	12.11	-10.50	383.99	544.80	-1267.99	46.74	-414.98	257.85
21898	-14.74	12.68	-10.50	317.95	496.96	-1207.57	74.05	-456.41	318.36
21899	-14.27	12.17	-10.50	339.69	516.36	-1223.45	57.54	-443.19	282.41
21900	-13.81	11.67	-10.50	359.64	532.13	-1230.20	42.76	-425.37	238.79
21901	-0.70	20.20	-9.50	482.96	261.85	-1622.90	19.21	-7.78	849.30
21902	-2.10	20.10	-9.50	478.81	264.71	-1612.39	39.86	-75.76	840.80
21903	-3.49	19.90	-9.50	469.10	270.58	-1596.62	59.84	-141.68	824.56
21904	-4.86	19.62	-9.50	454.42	279.02	-1575.76	78.19	-204.64	801.10
21905	-6.20	19.23	-9.50	435.35	289.45	-1549.92	94.06	-263.64	771.00
21906	-7.52	18.76	-9.50	412.51	301.30	-1519.16	106.77	-317.80	734.88
21907	-8.80	18.19	-9.50	386.62	313.91	-1483.57	115.82	-366.38	693.44
21908	-10.04	17.54	-9.50	358.52	326.56	-1443.30	120.90	-408.81	647.43
21909	-11.23	16.80	-9.50	329.10	338.44	-1398.60	121.91	-444.65	597.55
21910	-12.37	15.98	-9.50	299.41	348.87	-1349.88	118.83	-473.52	544.42
21911	-13.44	15.08	-9.50	270.48	356.59	-1297.94	112.31	-495.04	489.29
21912	-14.46	14.11	-9.50	242.44	361.89	-1243.48	102.81	-509.47	432.53
21913	-15.40	13.08	-9.50	216.10	364.50	-1186.83	90.61	-516.37	374.89
21914	-16.27	11.98	-9.50	191.78	363.74	-1128.20	75.96	-515.27	317.24
21915	-17.06	10.82	-9.50	170.08	359.68	-1067.56	59.54	-506.56	261.98
21916	-17.76	9.62	-9.50	151.16	352.06	-1005.15	41.98	-491.76	209.57
21917	-0.74	21.03	-9.50	480.01	147.30	-1438.42	20.60	-4.17	824.36
21918	-2.22	20.93	-9.50	474.14	152.68	-1429.25	48.51	-67.04	815.85
21919	-3.69	20.72	-9.50	461.74	162.51	-1414.71	75.65	-128.46	799.61
21920	-5.14	20.41	-9.50	443.58	175.85	-1395.35	100.68	-187.27	776.64
21921	-6.57	19.99	-9.50	420.32	192.05	-1371.39	122.33	-242.29	747.57
21922	-7.96	19.48	-9.50	392.65	210.45	-1342.86	139.71	-292.59	712.95
21923	-9.32	18.87	-9.50	361.48	230.26	-1309.82	152.20	-337.49	673.38
21924	-10.62	18.17	-9.50	327.89	250.51	-1272.40	159.46	-376.49	629.56
21925	-11.88	17.37	-9.50	293.13	270.18	-1230.88	161.37	-409.17	582.19
21926	-13.07	16.49	-9.50	258.49	288.07	-1185.73	158.16	-435.22	532.04
21927	-14.20	15.53	-9.50	225.01	303.34	-1137.52	150.44	-454.41	479.77
21928	-15.26	14.48	-9.50	193.41	315.56	-1086.77	138.85	-466.42	426.17
21929	-16.24	13.37	-9.50	164.24	324.27	-1033.75	123.89	-470.98	372.17
21930	-17.14	12.19	-9.50	137.97	329.10	-978.53	106.11	-468.20	319.06
21931	-17.95	10.95	-9.50	114.96	329.68	-921.33	86.03	-458.86	267.79
21932	-18.68	9.66	-9.50	95.54	325.89	-862.64	64.43	-444.00	219.23
21933	-0.78	21.87	-9.50	477.22	58.24	-1253.73	20.96	5.07	696.89
21934	-2.35	21.76	-9.50	469.77	65.25	-1243.62	53.98	-44.24	688.95
21935	-3.90	21.54	-9.50	455.12	77.85	-1228.68	86.66	-93.93	674.64
21936	-5.43	21.20	-9.50	434.51	94.70	-1210.37	116.87	-141.96	655.49
21937	-6.94	20.76	-9.50	408.39	115.06	-1188.62	142.89	-186.74	631.86
21938	-8.41	20.20	-9.50	377.35	138.24	-1163.07	163.72	-227.45	603.95
21939	-9.83	19.55	-9.50	342.45	163.29	-1133.52	178.73	-263.66	572.13
21940	-11.20	18.79	-9.50	305.03	189.07	-1100.04	187.60	-295.02	536.90
21941	-12.52	17.94	-9.50	266.57	214.32	-1062.85	190.29	-321.26	498.87
21942	-13.77	17.00	-9.50	228.49	237.84	-1022.32	187.15	-342.10	458.60
21943	-14.95	15.97	-9.50	191.95	258.67	-978.85	178.81	-357.27	416.72
21944	-16.06	14.85	-9.50	157.79	276.17	-932.73	165.99	-366.50	373.94
21945	-17.08	13.67	-9.50	126.60	289.77	-884.08	149.34	-369.68	331.20
21946	-18.01	12.41	-9.50	98.88	298.88	-832.93	129.42	-367.09	289.32
21947	-18.85	11.08	-9.50	75.08	302.97	-779.67	106.85	-359.44	248.77
21948	-19.60	9.70	-9.50	55.42	301.90	-725.30	82.47	-347.56	210.03
21949	-0.83	22.71	-9.50	474.43	8.62	-1105.38	20.23	19.72	486.48
21950	-2.47	22.59	-9.50	465.49	15.64	-1092.07	55.63	-9.22	480.90
21951	-4.11	22.35	-9.50	449.50	28.83	-1074.64	91.03	-41.56	471.22
21952	-5.72	21.99	-9.50	428.08	46.88	-1056.41	123.76	-73.57	459.27
21953	-7.30	21.52	-9.50	401.00	68.84	-1036.47	151.87	-103.05	445.04
21954	-8.85	20.93	-9.50	368.62	93.96	-1013.56	174.37	-129.59	428.31
21955	-10.35	20.23	-9.50	332.13	121.21	-987.15	190.68	-153.17	409.18
21956	-11.79	19.42	-9.50	293.07	149.34	-957.20	200.51	-173.70	387.92
21957	-13.17	18.52	-9.50	253.00	177.06	-923.86	203.88	-191.04	364.89
21958	-14.48	17.51	-9.50	213.41	203.18	-887.37	201.16	-205.03	340.45
21959	-15.71	16.41	-9.50	175.49	226.76	-847.97	192.98	-215.43	315.01
21960	-16.86	15.22	-9.50	140.13	247.06	-805.78	180.06	-222.08	289.13
21961	-17.92	13.96	-9.50	107.96	263.38	-760.74	163.04	-224.95	263.42
21962	-18.89	12.62	-9.50	79.53	274.88	-712.81	142.52	-224.31	238.27
21963	-19.75	11.21	-9.50	55.37	280.89	-662.55	119.22	-220.68	213.54
21964	-20.51	9.75	-9.50	35.61	281.16	-611.56	93.91	-214.73	189.15
21965	-0.87	23.55	-9.50	470.12	-3.69	-1011.35	18.84	38.98	190.71
21966	-2.60	23.42	-9.50	460.92	2.23	-994.75	54.56	36.42	191.39
21967	-4.32	23.17	-9.50	445.13	14.10	-974.19	89.44	27.68	190.94
21968	-6.01	22.78	-9.50	424.39	31.03	-955.17	121.51	17.49	190.24
21969	-7.67	22.28	-9.50	398.05	52.06	-936.18	149.26	8.50	189.43
21970	-9.29	21.65	-9.50	366.26	76.32	-914.97	171.69	0.69	188.32
21971	-10.86	20.91	-9.50	330.29	102.71	-890.63	188.16	-6.40	186.81
21972	-12.37	20.05	-9.50	291.68	130.04	-863.01	198.36	-13.00	184.87
21973	-13.81	19.09	-9.50	251.99	157.11	-832.16	202.34	-19.16	182.49
21974	-15.18	18.02	-9.50	212.68	182.86	-798.23	200.43	-24.87	179.71
21975	-16.47	16.85	-9.50	174.95	206.44	-761.31	193.21	-30.00	176.62
21976	-17.66	15.59	-9.50	139.67	227.10	-721.38	181.31	-34.43	173.44
21977	-18.76	14.25	-9.50	107.48	244.00	-678.18	165.26	-38.16	170.36
21978	-19.76	12.83	-9.50	78.90	256.12	-631.55	145.63	-41.44	167.14

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]
21979	-20.65	11.34	-9.50	54.39	262.70	-582.38	123.26	-44.69	162.97
21980	-21.43	9.79	-9.50	34.88	263.77	-532.88	99.46	-47.64	157.39
21981	-0.70	20.20	-10.50	581.53	349.77	-1560.62	26.79	-6.48	754.44
21982	-2.10	20.10	-10.50	576.85	353.09	-1551.44	49.49	-66.55	747.74
21983	-3.49	19.90	-10.50	565.97	359.69	-1537.20	71.38	-124.78	734.05
21984	-4.86	19.62	-10.50	549.39	369.06	-1518.02	91.39	-180.30	713.84
21985	-6.20	19.23	-10.50	527.72	380.61	-1493.98	108.59	-232.27	687.66
21986	-7.52	18.76	-10.50	501.64	393.73	-1465.16	122.25	-279.90	656.16
21987	-8.80	18.19	-10.50	471.96	407.72	-1431.61	131.81	-322.56	620.00
21988	-10.04	17.54	-10.50	439.61	421.74	-1393.44	136.91	-359.78	579.93
21989	-11.23	16.80	-10.50	405.59	434.86	-1350.84	137.37	-391.27	536.60
21990	-12.37	15.98	-10.50	371.12	446.16	-1304.17	133.11	-416.76	490.47
21991	-13.44	15.08	-10.50	337.40	453.99	-1254.32	124.83	-435.98	442.41
21992	-14.46	14.11	-10.50	304.72	458.60	-1202.20	113.22	-449.01	392.57
21993	-15.40	13.08	-10.50	273.94	459.86	-1148.28	98.73	-455.21	341.65
21994	-16.27	11.98	-10.50	245.25	457.05	-1092.60	81.68	-453.96	290.57
21995	-17.06	10.82	-10.50	219.24	450.40	-1034.92	62.68	-445.72	241.67
21996	-17.76	9.62	-10.50	196.19	439.82	-975.46	42.33	-432.16	195.34
21997	-0.74	21.03	-10.50	565.29	224.11	-1447.41	26.78	-3.26	731.70
21998	-2.22	20.93	-10.50	559.22	230.42	-1438.98	56.35	-58.67	724.37
21999	-3.69	20.72	-10.50	545.93	241.13	-1425.22	85.14	-112.73	710.33
22000	-5.14	20.41	-10.50	526.23	255.30	-1406.53	111.60	-164.46	690.43
22001	-6.57	19.99	-10.50	500.74	272.36	-1383.14	134.35	-212.82	665.23
22002	-7.96	19.48	-10.50	470.22	291.73	-1355.11	152.44	-257.00	635.20
22003	-9.32	18.87	-10.50	435.68	312.56	-1322.47	165.26	-296.46	600.87
22004	-10.62	18.17	-10.50	398.33	333.83	-1285.33	172.41	-330.77	562.87
22005	-11.88	17.37	-10.50	359.54	354.36	-1243.95	173.72	-359.65	521.81
22006	-13.07	16.49	-10.50	320.76	372.72	-1198.76	169.37	-382.84	478.27
22007	-14.20	15.53	-10.50	283.21	387.85	-1150.38	160.12	-400.09	432.68
22008	-15.26	14.48	-10.50	247.65	399.29	-1099.41	146.80	-410.95	385.61
22009	-16.24	13.37	-10.50	214.59	406.67	-1046.17	130.08	-414.93	338.00
22010	-17.14	12.19	-10.50	184.40	409.72	-990.54	110.46	-412.07	291.22
22011	-17.95	10.95	-10.50	157.52	407.98	-932.67	88.35	-403.28	246.06
22012	-18.68	9.66	-10.50	134.43	401.46	-873.41	64.49	-389.71	203.26
22013	-0.78	21.87	-10.50	549.42	114.56	-1330.69	25.39	5.65	622.87
22014	-2.35	21.76	-10.50	541.55	123.34	-1320.28	60.10	-37.77	614.77
22015	-3.90	21.54	-10.50	526.14	137.53	-1305.16	94.99	-81.95	601.60
22016	-5.43	21.20	-10.50	504.31	155.43	-1286.52	127.03	-124.51	584.82
22017	-6.94	20.76	-10.50	476.25	176.77	-1264.12	154.41	-163.97	564.31
22018	-8.41	20.20	-10.50	442.58	201.02	-1237.53	176.16	-199.78	540.08
22019	-9.83	19.55	-10.50	404.53	227.24	-1206.58	191.70	-231.65	512.41
22020	-11.20	18.79	-10.50	363.61	254.20	-1171.38	200.68	-259.32	481.79
22021	-12.52	17.94	-10.50	321.44	280.50	-1132.17	203.00	-282.56	448.70
22022	-13.77	17.00	-10.50	279.60	304.75	-1089.31	199.03	-301.14	413.60
22023	-14.95	15.97	-10.50	239.36	325.88	-1043.23	189.52	-314.76	376.93
22024	-16.06	14.85	-10.50	201.59	343.24	-994.28	175.36	-323.02	339.35
22025	-17.08	13.67	-10.50	166.82	356.38	-942.51	157.31	-325.70	301.82
22026	-18.01	12.41	-10.50	135.56	364.67	-887.79	135.86	-323.05	265.23
22027	-18.85	11.08	-10.50	108.37	367.34	-830.53	111.55	-315.84	229.84
22028	-19.60	9.70	-10.50	85.64	364.36	-772.25	85.16	-304.99	195.85
22029	-0.83	22.71	-10.50	533.92	37.02	-1245.75	22.90	20.62	437.88
22030	-2.47	22.59	-10.50	523.60	45.83	-1228.32	60.40	-4.03	430.18
22031	-4.11	22.35	-10.50	506.80	61.19	-1208.17	99.29	-33.93	419.88
22032	-5.72	21.99	-10.50	484.62	80.78	-1188.51	134.92	-62.82	409.28
22033	-7.30	21.52	-10.50	455.73	104.24	-1166.82	165.14	-88.68	397.14
22034	-8.85	20.93	-10.50	420.66	131.09	-1141.44	189.23	-111.80	382.85
22035	-10.35	20.23	-10.50	380.96	160.23	-1111.97	206.67	-132.36	366.49
22036	-11.79	19.42	-10.50	338.34	190.33	-1078.45	217.13	-150.34	348.29
22037	-13.17	18.52	-10.50	294.53	219.97	-1041.07	220.60	-165.61	328.55
22038	-14.48	17.51	-10.50	251.16	247.82	-1000.11	217.49	-178.00	307.53
22039	-15.71	16.41	-10.50	209.55	272.87	-955.83	208.53	-187.27	285.58
22040	-16.86	15.22	-10.50	170.61	294.39	-908.38	194.55	-193.17	263.25
22041	-17.92	13.96	-10.50	135.00	311.79	-857.68	176.25	-195.59	241.25
22042	-18.89	12.62	-10.50	103.31	324.08	-803.46	154.23	-194.80	220.07
22043	-19.75	11.21	-10.50	76.24	330.16	-746.20	129.15	-191.33	199.29
22044	-20.51	9.75	-10.50	54.04	329.86	-688.17	101.75	-185.98	178.32
22045	-0.87	23.55	-10.50	515.18	4.96	-1232.43	20.27	39.84	171.84
22046	-2.60	23.42	-10.50	504.05	11.46	-1206.63	58.38	39.88	170.94
22047	-4.32	23.17	-10.50	487.69	24.85	-1179.08	96.77	29.95	169.28
22048	-6.01	22.78	-10.50	466.90	43.32	-1156.79	131.91	19.75	168.67
22049	-7.67	22.28	-10.50	439.23	66.03	-1134.66	162.15	12.11	168.52
22050	-9.29	21.65	-10.50	405.08	92.26	-1109.23	186.55	5.78	168.23
22051	-10.86	20.91	-10.50	366.26	120.86	-1079.82	204.55	-0.02	167.68
22052	-12.37	20.05	-10.50	324.46	150.51	-1046.39	215.79	-5.49	166.83
22053	-13.81	19.09	-10.50	281.40	179.94	-1009.05	220.29	-10.72	165.63
22054	-15.18	18.02	-10.50	238.69	208.01	-967.97	218.44	-15.68	164.09
22055	-16.47	16.85	-10.50	197.64	233.82	-923.31	210.88	-20.21	162.30
22056	-17.66	15.59	-10.50	159.20	256.66	-875.09	198.31	-24.14	160.53
22057	-18.76	14.25	-10.50	124.02	275.75	-823.02	181.33	-27.39	159.15
22058	-19.76	12.83	-10.50	92.66	289.86	-766.57	160.42	-30.17	158.12
22059	-20.65	11.34	-10.50	65.59	297.72	-706.38	136.36	-33.07	156.19
22060	-21.43	9.79	-10.50	44.02	299.62	-645.55	110.71	-36.03	152.16
22061	0.61	-2.50	-9.50	290.99	207.78	-422.16	73.13	19.99	-391.33
22062	0.61	-3.10	-9.50	275.35	187.23	-384.90	72.17	17.94	-388.10
22063	1.84	-2.50	-9.50	288.31	207.68	-424.62	87.75	32.31	-388.95
22064	1.83	-3.10	-9.50	272.70	187.41	-387.27	86.75	28.39	-385.78
22065	3.07	-2.50	-9.50	282.95	207.17	-426.34	102.55	44.67	-383.64
22066	3.06	-3.10	-9.50	267.55	187.31	-388.92	101.49	38.86	-380.55
22067	4.30	-2.50	-9.50	274.98	206.27	-427.35	117.43	56.79	-375.38
22068	4.28	-3.10	-9.50	259.96	186.96	-389.86	116.28	49.05	-372.40
22069	5.52	-2.50	-9.50	264.56	205.04	-427.74	132.29	68.37	-364.18
22070	5.50	-3.10	-9.50	250.07	186.41	-390.16	131.04	58.70	-361.35
22071	6.75	-2.50	-9.50	251.91	203.53	-427.64	147.13	79.17	-350.04
22072	6.72	-3.10	-9.50	238.09	185.69	-389.95	145.74	67.54	-347.39
22073	7.98	-2.50	-9.50	237.31	201.80	-427.23	161.93	88.95	-332.96
22074	7.94	-3.10	-9.50	224.28	184.85	-389.40	160.37	75.37	-330.55
22075	9.21	-2.50	-9.50	221.08	199.89	-426.68	176.76	97.57	-312.95
22076	9.17	-3.10	-9.50	208.93	183.92	-388.66	174.99	82.01	-310.83
22077	10.43	-2.50	-9.50	203.61	197.88	-426.12	191.67	104.89	-289.98



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]
22078	10.39	-3.10	-9.50	192.41	182.93	-387.89	189.66	87.36	-288.22
22079	11.66	-2.50	-9.50	185.22	195.81	-425.56	206.75	110.83	-263.97
22080	11.61	-3.10	-9.50	175.04	181.92	-387.14	204.46	91.32	-262.68
22081	12.89	-2.50	-9.50	166.14	193.79	-424.80	222.06	115.30	-234.79
22082	12.83	-3.10	-9.50	157.04	180.96	-386.30	219.46	93.77	-234.08
22083	14.12	-2.50	-9.50	146.38	191.98	-423.33	237.67	118.09	-202.18
22084	14.05	-3.10	-9.50	138.41	180.20	-385.01	234.65	94.50	-202.22
22085	15.34	-2.50	-9.50	125.56	190.61	-420.34	253.57	118.78	-165.75
22086	15.28	-3.10	-9.50	118.82	179.90	-382.67	250.03	93.08	-166.74
22087	16.57	-2.50	-9.50	102.95	189.97	-414.87	269.79	116.60	-125.03
22088	16.50	-3.10	-9.50	97.57	180.42	-378.60	265.55	88.81	-127.24
22089	17.80	-2.50	-9.50	77.69	190.32	-406.31	286.42	110.45	-79.67
22090	17.72	-3.10	-9.50	73.82	182.16	-372.46	281.25	80.80	-83.36
22091	19.03	-2.50	-9.50	49.17	191.74	-395.08	303.92	99.43	-29.64
22092	18.94	-3.10	-9.50	46.88	185.36	-364.81	297.57	68.46	-35.08
22093	0.61	-2.50	-10.50	331.30	244.85	-417.21	85.18	19.63	-338.78
22094	0.61	-3.10	-10.50	312.44	218.29	-383.74	84.09	17.91	-335.69
22095	1.84	-2.50	-10.50	326.77	244.91	-419.48	103.55	29.67	-336.70
22096	1.83	-3.10	-10.50	307.95	218.68	-385.92	102.33	26.36	-333.65
22097	3.07	-2.50	-10.50	319.48	244.69	-421.22	122.15	39.83	-332.05
22098	3.06	-3.10	-10.50	300.89	218.95	-387.59	120.77	34.88	-329.05
22099	4.30	-2.50	-10.50	309.47	244.24	-422.47	140.86	49.86	-324.78
22100	4.28	-3.10	-10.50	291.30	219.16	-388.75	139.30	43.24	-321.85
22101	5.52	-2.50	-10.50	296.84	243.61	-423.29	159.58	59.53	-314.86
22102	5.50	-3.10	-10.50	279.26	219.36	-389.46	157.81	51.22	-312.04
22103	6.75	-2.50	-10.50	281.75	242.87	-423.78	178.25	68.66	-302.25
22104	6.72	-3.10	-10.50	264.93	219.60	-389.80	176.23	58.61	-299.57
22105	7.98	-2.50	-10.50	264.41	242.08	-424.06	196.86	77.05	-286.91
22106	7.94	-3.10	-10.50	248.49	219.94	-389.90	194.55	65.25	-284.40
22107	9.21	-2.50	-10.50	245.07	241.31	-424.25	215.40	84.60	-268.78
22108	9.17	-3.10	-10.50	230.18	220.42	-389.87	212.77	71.01	-266.51
22109	10.43	-2.50	-10.50	224.05	240.59	-424.44	233.89	91.18	-247.80
22110	10.39	-3.10	-10.50	210.29	221.08	-389.82	230.92	75.79	-245.83
22111	11.66	-2.50	-10.50	201.63	239.97	-424.60	252.35	96.68	-223.86
22112	11.61	-3.10	-10.50	189.11	221.95	-389.77	248.99	79.45	-222.30
22113	12.89	-2.50	-10.50	178.05	239.52	-424.56	270.74	100.90	-196.81
22114	12.83	-3.10	-10.50	166.87	223.05	-389.63	266.96	81.81	-195.81
22115	14.12	-2.50	-10.50	153.37	239.35	-423.91	288.99	103.47	-166.42
22116	14.05	-3.10	-10.50	143.64	224.50	-389.11	284.72	82.49	-166.19
22117	15.34	-2.50	-10.50	127.41	239.66	-422.01	306.99	103.75	-132.39
22118	15.28	-3.10	-10.50	119.27	226.53	-387.77	302.13	80.90	-133.18
22119	16.57	-2.50	-10.50	99.75	240.69	-418.14	324.64	100.82	-94.35
22120	16.50	-3.10	-10.50	93.30	229.47	-385.02	319.03	76.17	-96.45
22121	17.80	-2.50	-10.50	69.78	242.63	-411.68	342.04	93.57	-51.92
22122	17.72	-3.10	-10.50	65.05	233.62	-380.40	335.47	67.39	-55.64
22123	19.03	-2.50	-10.50	36.80	245.43	-402.56	359.78	81.23	-4.75
22124	18.94	-3.10	-10.50	33.62	239.09	-373.88	352.03	54.02	-10.39
22125	23.37	-3.10	-9.50	-28.88	167.69	-573.50	724.63	-36.61	-30.25
22126	23.44	-2.50	-9.50	-140.11	147.47	-582.93	811.20	-101.22	68.62
22127	22.52	-3.10	-9.50	-95.13	180.68	-460.18	484.03	43.29	167.86
22128	22.60	-2.50	-9.50	-118.75	194.34	-461.75	515.00	38.88	188.63
22129	21.68	-3.10	-9.50	-67.64	192.02	-379.94	397.76	20.55	155.83
22130	21.75	-2.50	-9.50	-73.88	191.35	-387.42	411.11	42.39	167.27
22131	20.83	-3.10	-9.50	-28.46	194.05	-358.29	349.78	29.29	93.56
22132	20.91	-2.50	-9.50	-29.40	195.08	-375.38	359.85	58.31	102.81
22133	19.98	-3.10	-9.50	12.54	190.21	-357.56	318.61	50.29	24.67
22134	20.06	-2.50	-9.50	13.30	193.85	-382.29	326.50	81.53	32.01
22135	23.37	-3.10	-10.50	-463.47	62.70	-671.19	1007.67	-22.82	475.56
22136	23.44	-2.50	-10.50	-442.23	94.12	-677.99	1059.55	-48.29	546.73
22137	22.52	-3.10	-10.50	-246.88	203.21	-392.69	577.85	10.75	295.86
22138	22.60	-2.50	-10.50	-243.73	205.21	-410.98	600.53	7.60	324.50
22139	21.68	-3.10	-10.50	-129.78	241.77	-364.55	460.80	-2.55	198.89
22140	21.75	-2.50	-10.50	-127.70	239.20	-378.71	474.30	15.39	213.29
22141	20.83	-3.10	-10.50	-61.30	249.97	-359.68	405.73	12.07	119.10
22142	20.91	-2.50	-10.50	-59.04	248.38	-379.43	416.59	37.37	129.72
22143	19.98	-3.10	-10.50	-7.24	245.88	-365.50	373.19	34.52	47.19
22144	20.06	-2.50	-10.50	-5.05	248.50	-390.36	382.42	61.81	55.12
22145	-19.03	-2.50	-9.50	115.38	156.71	-434.34	-72.15	-186.96	-101.88
22146	-18.94	-3.10	-9.50	113.45	143.71	-401.04	-73.21	-168.61	-104.27
22147	-17.80	-2.50	-9.50	135.77	159.07	-448.90	-70.32	-165.20	-137.05
22148	-17.72	-3.10	-9.50	132.23	145.58	-412.74	-71.15	-147.27	-138.46
22149	-16.57	-2.50	-9.50	151.43	162.45	-451.14	-66.46	-140.49	-169.26
22150	-16.50	-3.10	-9.50	146.56	148.49	-413.24	-67.21	-123.66	-169.68
22151	-15.34	-2.50	-9.50	163.85	166.71	-444.36	-61.23	-117.35	-198.68
22152	-15.28	-3.10	-9.50	157.95	152.24	-405.74	-61.97	-101.85	-198.21
22153	-14.12	-2.50	-9.50	175.14	171.57	-433.08	-55.04	-98.13	-225.68
22154	-14.05	-3.10	-9.50	168.37	156.51	-394.46	-55.84	-83.92	-224.48
22155	-12.89	-2.50	-9.50	186.85	176.69	-421.23	-48.15	-83.18	-250.63
22156	-12.83	-3.10	-9.50	179.25	160.95	-382.99	-48.99	-70.14	-248.87
22157	-11.66	-2.50	-9.50	199.62	181.75	-411.32	-40.63	-71.72	-273.74
22158	-11.61	-3.10	-9.50	191.15	165.28	-373.58	-41.52	-59.76	-271.56
22159	-10.43	-2.50	-9.50	213.29	186.54	-404.43	-32.50	-62.64	-295.09
22160	-10.39	-3.10	-9.50	203.91	169.30	-367.15	-33.42	-51.73	-292.62
22161	-9.21	-2.50	-9.50	227.34	190.91	-400.69	-23.72	-54.90	-314.66
22162	-9.17	-3.10	-9.50	217.00	172.93	-363.77	-24.65	-45.07	-311.96
22163	-7.98	-2.50	-9.50	241.13	194.81	-399.71	-14.23	-47.67	-332.34
22164	-7.94	-3.10	-9.50	229.82	176.13	-363.00	-15.17	-38.98	-329.48
22165	-6.75	-2.50	-9.50	254.06	198.19	-400.90	-3.97	-40.30	-348.01
22166	-6.72	-3.10	-9.50	241.80	178.90	-364.28	-4.90	-32.85	-345.03
22167	-5.52	-2.50	-9.50	265.62	201.07	-403.61	7.10	-32.37	-361.52
22168	-5.50	-3.10	-9.50	252.46	181.25	-366.97	6.18	-26.26	-358.43
22169	-4.30	-2.50	-9.50	275.38	203.42	-407.24	18.98	-23.63	-372.69
22170	-4.28	-3.10	-9.50	261.43	183.19	-370.51	18.06	-18.96	-369.53
22171	-3.07	-2.50	-9.50	283.01	205.26	-411.28	31.61	-13.95	-381.39
22172	-3.06	-3.10	-9.50	268.39	184.74	-374.42	30.70	-10.83	-378.17
22173	-1.84	-2.50	-9.50	288.26	206.59	-415.31	44.93	-3.36	-387.47
22174	-1.83	-3.10	-9.50	273.13	185.92	-378.31	44.01	-1.89	-384.22
22175	-0.61	-2.50	-9.50	290.96	207.42	-419.01	58.81	8.02	-390.81
22176	-0.61	-3.10	-9.50	275.48	186.74	-381.87	57.88	7.76	-387.56

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]
22177	-19.03	-2.50	-10.50	146.20	197.19	-419.69	-94.31	-164.54	-77.66
22178	-18.94	-3.10	-10.50	143.95	181.04	-388.86	-95.69	-148.24	-79.81
22179	-17.80	-2.50	-10.50	170.82	201.22	-430.67	-94.29	-146.63	-109.33
22180	-17.72	-3.10	-10.50	166.76	184.12	-397.74	-95.35	-130.55	-110.59
22181	-16.57	-2.50	-10.50	191.52	205.73	-433.22	-91.34	-125.32	-138.63
22182	-16.50	-3.10	-10.50	185.77	187.76	-398.91	-92.17	-110.06	-138.95
22183	-15.34	-2.50	-10.50	208.95	210.55	-429.35	-86.06	-104.22	-165.60
22184	-15.28	-3.10	-10.50	201.69	191.70	-394.41	-86.74	-90.06	-165.04
22185	-14.12	-2.50	-10.50	224.33	215.41	-421.99	-78.97	-85.64	-190.42
22186	-14.05	-3.10	-10.50	215.75	195.66	-386.96	-79.56	-72.66	-189.13
22187	-12.89	-2.50	-10.50	238.79	220.09	-413.83	-70.49	-70.50	-213.29
22188	-12.83	-3.10	-10.50	229.01	199.39	-379.06	-71.03	-58.65	-211.44
22189	-11.66	-2.50	-10.50	252.96	224.41	-406.77	-60.88	-58.64	-234.36
22190	-11.61	-3.10	-10.50	242.02	202.72	-372.41	-61.39	-47.85	-232.11
22191	-10.43	-2.50	-10.50	266.94	228.29	-401.77	-50.28	-49.37	-253.69
22192	-10.39	-3.10	-10.50	254.88	205.63	-367.83	-50.78	-39.62	-251.16
22193	-9.21	-2.50	-10.50	280.50	231.71	-399.06	-38.74	-41.84	-271.26
22194	-9.17	-3.10	-10.50	267.32	208.13	-365.47	-39.28	-33.14	-268.55
22195	-7.98	-2.50	-10.50	293.26	234.70	-398.44	-26.28	-35.26	-287.03
22196	-7.94	-3.10	-10.50	278.99	210.27	-365.09	-26.86	-27.64	-284.18
22197	-6.75	-2.50	-10.50	304.81	237.28	-399.48	-12.88	-28.97	-300.90
22198	-6.72	-3.10	-10.50	289.50	212.12	-366.28	-13.51	-22.47	-297.96
22199	-5.52	-2.50	-10.50	314.77	239.46	-401.72	1.46	-22.47	-312.77
22200	-5.50	-3.10	-10.50	298.51	213.70	-368.56	0.77	-17.16	-309.76
22201	-4.30	-2.50	-10.50	322.82	241.27	-404.69	16.71	-15.44	-322.56
22202	-4.28	-3.10	-10.50	305.71	215.03	-371.52	15.96	-11.39	-319.50
22203	-3.07	-2.50	-10.50	328.69	242.70	-408.00	32.81	-7.71	-330.14
22204	-3.06	-3.10	-10.50	310.89	216.15	-374.78	32.00	-5.00	-327.05
22205	-1.84	-2.50	-10.50	332.17	243.77	-411.34	49.68	0.77	-335.43
22206	-1.83	-3.10	-10.50	313.83	217.05	-378.04	48.78	2.07	-332.33
22207	-0.61	-2.50	-10.50	333.07	244.48	-414.47	67.18	9.93	-338.34
22208	-0.61	-3.10	-10.50	314.38	217.76	-381.08	66.19	9.75	-335.23
22209	-20.06	-2.50	-9.50	87.07	155.20	-402.18	-70.98	-200.60	-58.99
22210	-20.91	-2.50	-9.50	54.40	154.38	-355.29	-64.88	-196.37	-8.88
22211	-21.75	-2.50	-9.50	26.90	153.95	-306.78	-54.13	-170.21	41.11
22212	-22.60	-2.50	-9.50	8.93	153.45	-266.75	-39.86	-125.13	88.77
22213	-23.44	-2.50	-9.50	1.50	152.27	-242.63	-22.95	-58.78	132.28
22214	-19.98	-3.10	-9.50	86.95	142.85	-373.05	-72.47	-183.21	-62.12
22215	-20.83	-3.10	-9.50	55.73	142.94	-331.02	-66.88	-181.85	-12.26
22216	-21.68	-3.10	-9.50	28.85	143.62	-286.92	-56.55	-159.98	37.99
22217	-22.52	-3.10	-9.50	10.72	144.28	-250.49	-42.46	-119.93	86.34
22218	-23.37	-3.10	-9.50	2.77	144.38	-228.95	-25.55	-59.18	130.93
22219	-20.06	-2.50	-10.50	114.27	193.36	-396.40	-90.28	-175.20	-39.36
22220	-20.91	-2.50	-10.50	77.39	189.67	-362.21	-80.40	-171.16	5.34
22221	-21.75	-2.50	-10.50	43.64	186.22	-326.19	-65.59	-148.89	50.29
22222	-22.60	-2.50	-10.50	17.50	182.52	-298.26	-47.18	-110.06	93.67
22223	-23.44	-2.50	-10.50	3.98	177.26	-292.14	-26.44	-52.64	133.69
22224	-19.98	-3.10	-10.50	113.84	178.38	-368.55	-92.14	-159.87	-42.19
22225	-20.83	-3.10	-10.50	78.38	176.17	-337.82	-82.79	-158.38	2.27
22226	-21.68	-3.10	-10.50	45.30	174.38	-305.09	-68.42	-139.93	47.41
22227	-22.52	-3.10	-10.50	19.20	172.28	-279.96	-50.21	-105.69	91.37
22228	-23.37	-3.10	-10.50	5.32	168.85	-275.64	-29.48	-53.38	132.33
22229	18.78	-3.96	-9.50	45.59	174.92	-322.13	285.69	26.37	-43.04
22230	17.57	-3.96	-9.50	69.74	169.37	-324.70	271.46	40.52	-88.16
22231	16.36	-3.96	-9.50	91.01	165.79	-327.34	257.33	50.95	-129.47
22232	15.15	-3.96	-9.50	110.09	163.70	-329.29	242.99	57.94	-166.95
22233	13.94	-3.96	-9.50	127.79	162.55	-330.58	228.50	62.13	-200.82
22234	12.73	-3.96	-9.50	144.71	161.90	-331.52	213.99	64.14	-231.41
22235	11.51	-3.96	-9.50	161.12	161.45	-332.41	199.57	64.39	-259.00
22236	10.30	-3.96	-9.50	176.99	161.08	-333.40	185.28	63.12	-283.72
22237	9.09	-3.96	-9.50	192.10	160.74	-334.47	171.06	60.46	-305.65
22238	7.88	-3.96	-9.50	206.14	160.43	-335.48	156.87	56.52	-324.81
22239	6.67	-3.95	-9.50	218.79	160.13	-336.27	142.61	51.40	-341.19
22240	5.45	-3.95	-9.50	229.77	159.85	-336.66	128.25	45.26	-354.76
22241	4.24	-3.95	-9.50	238.85	159.56	-336.51	113.79	38.31	-365.51
22242	3.03	-3.95	-9.50	245.88	159.22	-335.72	99.27	30.79	-373.42
22243	1.82	-3.95	-9.50	250.73	158.83	-334.24	84.77	22.96	-378.48
22244	0.61	-3.95	-9.50	253.33	158.34	-332.07	70.40	15.09	-380.71
22245	18.53	-5.08	-9.50	46.07	159.01	-267.26	266.74	-24.46	-53.41
22246	17.33	-5.08	-9.50	66.06	150.76	-263.50	255.53	-8.31	-93.63
22247	16.14	-5.08	-9.50	83.74	145.02	-261.60	243.67	4.80	-131.04
22248	14.94	-5.08	-9.50	99.80	141.05	-260.67	231.05	14.83	-165.46
22249	13.75	-5.07	-9.50	114.91	138.17	-260.41	217.87	22.21	-196.92
22250	12.55	-5.07	-9.50	129.53	135.85	-260.75	204.41	27.44	-225.59
22251	11.36	-5.07	-9.50	143.82	133.79	-261.60	190.89	30.92	-251.59
22252	10.16	-5.07	-9.50	157.71	131.86	-262.84	177.42	32.91	-275.01
22253	8.97	-5.07	-9.50	170.94	130.05	-264.24	163.98	33.55	-295.83
22254	7.77	-5.06	-9.50	183.23	128.37	-265.59	150.50	32.93	-314.05
22255	6.58	-5.06	-9.50	194.30	126.85	-266.65	136.92	31.16	-329.62
22256	5.38	-5.06	-9.50	203.93	125.48	-267.28	123.20	28.38	-342.52
22257	4.18	-5.06	-9.50	211.93	124.27	-267.34	109.33	24.80	-352.73
22258	2.99	-5.06	-9.50	218.19	123.21	-266.76	95.36	20.64	-360.23
22259	1.79	-5.05	-9.50	222.59	122.28	-265.51	81.37	16.13	-365.01
22260	0.60	-5.05	-9.50	225.11	121.46	-263.61	67.48	11.52	-367.07
22261	18.21	-6.18	-9.50	48.59	140.17	-212.98	245.13	-68.35	-63.23
22262	17.04	-6.18	-9.50	64.06	129.84	-203.53	236.83	-50.99	-97.83
22263	15.86	-6.18	-9.50	77.99	122.30	-197.30	227.23	-36.07	-130.84
22264	14.69	-6.18	-9.50	90.91	116.72	-193.44	216.39	-23.78	-161.78
22265	13.51	-6.17	-9.50	103.37	112.36	-191.46	204.63	-13.88	-190.47
22266	12.34	-6.17	-9.50	115.67	108.66	-190.99	192.37	-6.00	-216.88
22267	11.16	-6.17	-9.50	127.84	105.30	-191.63	179.93	0.24	-241.00
22268	9.99	-6.17	-9.50	139.69	102.17	-192.95	167.46	5.08	-262.82
22269	8.81	-6.17	-9.50	150.99	99.24	-194.54	154.95	8.64	-282.25
22270	7.64	-6.16	-9.50	161.46	96.53	-196.08	142.36	11.01	-299.26
22271	6.46	-6.16	-9.50	170.89	94.07	-197.32	129.62	12.28	-313.79
22272	5.29	-6.16	-9.50	179.10	91.88	-198.09	116.70	12.59	-325.83
22273	4.11	-6.16	-9.50	185.96	89.97	-198.28	103.60	12.12	-335.33
22274	2.94	-6.16	-9.50	191.37	88.33	-197.84	90.38	11.09	-342.29
22275	1.76	-6.15	-9.50	195.27	86.98	-196.77	77.11	9.70	-346.69

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]
22276	0.59	-6.15	-9.50	197.60	85.90	-195.10	63.91	8.17	-348.54
22277	17.83	-7.26	-9.50	51.82	118.49	-158.55	222.26	-104.25	-70.97
22278	16.68	-7.26	-9.50	62.98	106.81	-144.42	216.42	-86.69	-99.72
22279	15.53	-7.26	-9.50	73.29	97.91	-134.41	208.86	-70.89	-128.06
22280	14.38	-7.26	-9.50	83.22	91.07	-127.81	199.75	-57.18	-155.26
22281	13.23	-7.26	-9.50	93.14	85.57	-124.09	189.48	-45.48	-180.91
22282	12.08	-7.26	-9.50	103.18	80.82	-122.69	178.54	-35.54	-204.79
22283	10.93	-7.26	-9.50	113.24	76.53	-122.90	167.32	-27.07	-226.78
22284	9.78	-7.26	-9.50	123.06	72.58	-124.07	155.95	-19.84	-246.75
22285	8.63	-7.26	-9.50	132.39	68.91	-125.62	144.48	-13.78	-264.55
22286	7.48	-7.26	-9.50	141.03	65.52	-127.15	132.87	-8.82	-280.13
22287	6.33	-7.26	-9.50	148.79	62.43	-128.38	121.08	-4.88	-293.43
22288	5.18	-7.25	-9.50	155.55	59.68	-129.15	109.07	-1.83	-304.42
22289	4.03	-7.25	-9.50	161.23	57.28	-129.36	96.87	0.50	-313.09
22290	2.88	-7.25	-9.50	165.76	55.25	-128.98	84.53	2.30	-319.40
22291	1.73	-7.25	-9.50	169.08	53.60	-128.02	72.14	3.77	-323.34
22292	0.58	-7.25	-9.50	171.16	52.33	-126.50	59.79	5.07	-324.92
22293	18.78	-3.96	-10.50	31.51	227.56	-333.24	337.65	17.40	-18.56
22294	17.57	-3.96	-10.50	60.06	218.58	-335.96	323.23	32.09	-60.32
22295	16.36	-3.96	-10.50	85.46	211.56	-337.84	308.44	42.80	-98.33
22296	15.15	-3.96	-10.50	108.74	206.15	-338.88	292.83	49.79	-132.87
22297	13.94	-3.96	-10.50	130.69	201.85	-339.37	276.45	53.79	-164.19
22298	12.73	-3.96	-10.50	151.73	198.25	-339.63	259.53	55.56	-192.56
22299	11.51	-3.96	-10.50	171.99	195.11	-339.90	242.30	55.67	-218.11
22300	10.30	-3.96	-10.50	191.34	192.32	-340.26	224.92	54.47	-240.95
22301	9.09	-3.96	-10.50	209.55	189.87	-340.68	207.44	52.17	-261.09
22302	7.88	-3.96	-10.50	226.34	187.76	-341.05	189.84	48.86	-278.56
22303	6.67	-3.95	-10.50	241.44	185.99	-341.25	172.09	44.65	-293.38
22304	5.45	-3.95	-10.50	254.65	184.52	-341.14	154.18	39.66	-305.57
22305	4.24	-3.95	-10.50	265.79	183.30	-340.63	136.14	34.04	-315.17
22306	3.03	-3.95	-10.50	274.76	182.28	-339.65	118.04	28.01	-322.20
22307	1.82	-3.95	-10.50	281.48	181.41	-338.15	99.98	21.76	-326.69
22308	0.61	-3.95	-10.50	285.91	180.64	-336.13	82.09	15.54	-328.67
22309	18.53	-5.08	-10.50	31.61	208.74	-280.62	314.84	-26.39	-29.29
22310	17.33	-5.08	-10.50	55.65	195.86	-278.42	303.58	-10.38	-65.75
22311	16.14	-5.08	-10.50	76.88	185.60	-276.69	291.23	2.33	-99.56
22312	14.94	-5.08	-10.50	96.44	177.36	-275.40	277.51	11.77	-130.82
22313	13.75	-5.07	-10.50	115.08	170.47	-274.66	262.64	18.45	-159.67
22314	12.55	-5.07	-10.50	133.20	164.42	-274.52	247.00	23.04	-186.19
22315	11.36	-5.07	-10.50	150.81	158.95	-274.92	230.95	26.06	-210.37
22316	10.16	-5.07	-10.50	167.75	153.98	-275.68	214.69	27.84	-232.14
22317	8.97	-5.07	-10.50	183.71	149.55	-276.57	198.29	28.56	-251.44
22318	7.77	-5.06	-10.50	198.45	145.66	-277.38	181.71	28.29	-268.21
22319	6.58	-5.06	-10.50	211.74	142.32	-277.96	164.92	27.10	-282.44
22320	5.38	-5.06	-10.50	223.41	139.50	-278.17	147.90	25.10	-294.15
22321	4.18	-5.06	-10.50	233.35	137.15	-277.93	130.69	22.44	-303.36
22322	2.99	-5.06	-10.50	241.46	135.24	-277.19	113.37	19.33	-310.10
22323	1.79	-5.05	-10.50	247.68	133.72	-275.92	96.05	15.96	-314.39
22324	0.60	-5.05	-10.50	252.00	132.55	-274.15	78.84	12.54	-316.25
22325	18.21	-6.18	-10.50	34.57	185.20	-228.46	289.09	-63.74	-39.59
22326	17.04	-6.18	-10.50	53.45	169.44	-221.66	280.91	-47.15	-70.18
22327	15.86	-6.18	-10.50	70.21	156.69	-216.44	270.95	-33.26	-99.39
22328	14.69	-6.18	-10.50	85.89	146.18	-212.79	259.18	-22.17	-127.07
22329	13.51	-6.17	-10.50	101.17	137.19	-210.73	245.94	-13.50	-153.17
22330	12.34	-6.17	-10.50	116.34	129.17	-210.11	231.75	-6.67	-177.60
22331	11.16	-6.17	-10.50	131.29	121.86	-210.56	217.07	-1.20	-200.18
22332	9.99	-6.17	-10.50	145.74	115.21	-211.61	202.14	3.20	-220.67
22333	8.81	-6.17	-10.50	159.39	109.25	-212.87	187.00	6.62	-238.89
22334	7.64	-6.16	-10.50	171.99	104.00	-214.03	171.63	9.09	-254.73
22335	6.46	-6.16	-10.50	183.39	99.45	-214.89	155.99	10.65	-268.17
22336	5.29	-6.16	-10.50	193.45	95.58	-215.34	140.06	11.41	-279.23
22337	4.11	-6.16	-10.50	202.09	92.36	-215.30	123.89	11.51	-287.92
22338	2.94	-6.16	-10.50	209.26	89.73	-214.74	107.56	11.13	-294.25
22339	1.76	-6.15	-10.50	214.91	87.68	-213.66	91.18	10.47	-298.27
22340	0.59	-6.15	-10.50	219.01	86.17	-212.09	74.88	9.72	-299.97
22341	17.83	-7.26	-10.50	38.72	157.67	-176.72	262.22	-94.04	-47.85
22342	16.68	-7.26	-10.50	52.43	140.20	-166.05	256.55	-77.76	-72.59
22343	15.53	-7.26	-10.50	64.83	125.70	-157.79	248.70	-63.51	-97.16
22344	14.38	-7.26	-10.50	76.78	113.54	-151.99	238.77	-51.53	-121.16
22345	13.23	-7.26	-10.50	88.84	103.00	-148.67	227.18	-41.54	-144.36
22346	12.08	-7.26	-10.50	101.15	93.54	-147.49	214.56	-33.02	-166.49
22347	10.93	-7.26	-10.50	113.46	84.93	-147.82	201.40	-25.56	-187.21
22348	9.78	-7.26	-10.50	125.41	77.15	-148.97	187.93	-18.95	-206.15
22349	8.63	-7.26	-10.50	136.70	70.16	-150.37	174.17	-13.19	-223.02
22350	7.48	-7.26	-10.50	147.14	63.98	-151.66	160.10	-8.33	-237.70
22351	6.33	-7.26	-10.50	156.60	58.60	-152.63	145.70	-4.35	-250.16
22352	5.18	-7.25	-10.50	165.01	53.99	-153.16	130.98	-1.13	-260.39
22353	4.03	-7.25	-10.50	172.33	50.11	-153.20	115.98	1.45	-268.42
22354	2.88	-7.25	-10.50	178.50	46.95	-152.73	100.80	3.57	-274.26
22355	1.73	-7.25	-10.50	183.50	44.49	-151.76	85.55	5.40	-277.92
22356	0.58	-7.25	-10.50	187.29	42.72	-150.31	70.34	7.11	-279.43
22357	23.24	-3.96	-9.50	118.37	161.84	-470.83	705.89	73.51	-86.49
22358	22.38	-3.96	-9.50	-47.90	168.35	-473.05	455.38	40.36	154.41
22359	21.53	-3.96	-9.50	-55.38	193.06	-369.25	377.64	-13.96	139.41
22360	20.67	-3.96	-9.50	-23.75	193.06	-335.01	331.90	-12.69	78.69
22361	19.82	-3.96	-9.50	14.14	183.63	-322.65	303.82	7.20	12.93
22362	23.02	-5.07	-9.50	235.47	158.93	-400.13	674.41	127.97	-43.55
22363	22.15	-5.07	-9.50	-1.50	175.69	-492.79	438.11	11.82	148.75
22364	21.29	-5.08	-9.50	-40.09	202.32	-358.06	348.17	-66.98	117.35
22365	20.42	-5.08	-9.50	-13.78	191.44	-303.84	302.56	-65.68	55.51
22366	19.56	-5.08	-9.50	19.58	172.46	-277.49	280.31	-44.94	-3.48
22367	22.75	-6.17	-9.50	295.24	191.61	-423.17	655.32	62.13	49.56
22368	21.87	-6.18	-9.50	9.64	217.42	-525.81	408.42	-69.54	146.99
22369	20.99	-6.18	-9.50	-23.81	220.16	-340.89	304.52	-124.00	80.08
22370	20.12	-6.18	-9.50	1.65	184.40	-270.06	267.66	-112.97	28.22
22371	19.24	-6.18	-9.50	27.99	157.15	-231.83	254.23	-90.08	-20.76
22372	22.42	-7.26	-9.50	240.99	301.30	-601.46	626.36	-235.68	173.60
22373	21.53	-7.26	-9.50	21.82	290.85	-530.65	327.86	-169.26	79.57
22374	20.64	-7.26	-9.50	3.18	220.45	-310.24	249.23	-169.54	31.32

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]
22375	19.75	-7.26	-9.50	19.51	168.58	-231.69	233.81	-151.17	0.25
22376	18.86	-7.26	-9.50	37.09	137.72	-184.16	227.57	-126.26	-37.02
22377	23.24	-3.96	-10.50	-458.46	-1.67	-628.95	963.57	46.23	416.63
22378	22.38	-3.96	-10.50	-237.09	200.56	-371.59	554.88	15.15	265.10
22379	21.53	-3.96	-10.50	-127.11	247.39	-347.84	439.05	-30.75	177.77
22380	20.67	-3.96	-10.50	-59.93	251.42	-332.67	385.34	-23.57	101.79
22381	19.82	-3.96	-10.50	-6.94	239.70	-330.59	355.91	-2.68	34.65
22382	23.02	-5.07	-10.50	-456.02	-45.63	-615.06	962.59	100.50	407.56
22383	22.15	-5.07	-10.50	-228.31	218.54	-361.47	532.42	-1.05	237.47
22384	21.29	-5.08	-10.50	-118.60	263.26	-329.28	402.93	-72.41	146.81
22385	20.42	-5.08	-10.50	-51.68	250.94	-298.14	351.29	-67.79	75.65
22386	19.56	-5.08	-10.50	-2.01	227.34	-285.40	328.35	-47.05	17.01
22387	22.75	-6.17	-10.50	-492.57	11.53	-703.13	952.33	46.97	428.09
22388	21.87	-6.18	-10.50	-224.38	285.05	-373.57	482.35	-54.92	199.09
22389	20.99	-6.18	-10.50	-99.17	282.75	-310.32	348.65	-116.79	103.94
22390	20.12	-6.18	-10.50	-34.43	242.53	-262.82	310.90	-106.35	45.51
22391	19.24	-6.18	-10.50	7.46	208.52	-240.26	297.77	-84.76	-1.37
22392	22.42	-7.26	-10.50	-503.24	232.55	-874.34	814.79	-118.94	375.83
22393	21.53	-7.26	-10.50	-184.70	372.76	-382.76	367.45	-124.09	114.62
22394	20.64	-7.26	-10.50	-59.42	280.99	-282.90	283.57	-152.29	52.17
22395	19.75	-7.26	-10.50	-12.06	222.62	-225.15	271.76	-136.51	15.63
22396	18.86	-7.26	-10.50	18.84	184.01	-194.26	266.81	-114.65	-18.21
22397	-0.58	-7.25	-9.50	171.98	51.39	-124.45	47.58	6.37	-324.11
22398	-0.59	-6.15	-9.50	198.32	85.00	-192.77	50.88	6.69	-347.81
22399	-0.60	-5.05	-9.50	225.65	120.65	-261.01	53.80	7.04	-366.42
22400	-0.61	-3.95	-9.50	253.66	157.69	-329.22	56.28	7.43	-380.13
22401	-1.73	-7.25	-9.50	171.55	50.73	-121.97	35.62	7.78	-320.95
22402	-1.76	-6.15	-9.50	197.43	84.23	-189.88	38.16	5.40	-344.53
22403	-1.79	-5.05	-9.50	224.27	119.83	-257.82	40.48	2.85	-363.10
22404	-1.82	-3.95	-9.50	251.75	156.87	-325.81	42.57	0.20	-376.79
22405	-2.88	-7.25	-9.50	169.92	50.38	-119.26	24.06	9.37	-315.52
22406	-2.94	-6.16	-9.50	195.06	83.66	-186.73	25.89	4.42	-338.84
22407	-2.99	-5.06	-9.50	221.09	119.04	-254.34	27.66	-0.88	-357.22
22408	-3.03	-3.95	-9.50	247.70	155.88	-322.10	29.39	-6.45	-370.80
22409	-4.03	-7.25	-9.50	167.15	50.31	-116.49	12.97	11.16	-307.92
22410	-4.11	-6.16	-9.50	191.28	83.24	-183.52	14.17	3.80	-330.82
22411	-4.18	-5.06	-9.50	216.20	118.26	-250.82	15.45	-4.10	-348.89
22412	-4.24	-3.95	-9.50	241.66	154.68	-318.35	16.87	-12.41	-362.26
22413	-5.18	-7.25	-9.50	163.32	50.45	-113.89	2.45	13.12	-298.23
22414	-5.29	-6.16	-9.50	186.19	82.93	-180.51	3.09	3.51	-320.58
22415	-5.38	-5.06	-9.50	209.76	117.43	-247.54	3.94	-6.83	-338.23
22416	-5.45	-3.95	-9.50	233.81	153.26	-314.92	5.08	-17.69	-351.32
22417	-6.33	-7.26	-9.50	158.55	50.76	-111.74	-7.44	15.16	-286.57
22418	-6.46	-6.16	-9.50	179.96	82.69	-178.03	-7.29	3.44	-308.24
22419	-6.58	-5.06	-9.50	201.97	116.52	-244.90	-6.82	-9.16	-325.39
22420	-6.67	-3.95	-9.50	224.41	151.59	-312.24	-5.92	-22.41	-338.12
22421	-7.48	-7.26	-9.50	152.98	51.16	-110.40	-16.68	17.07	-273.05
22422	-7.64	-6.16	-9.50	172.77	82.44	-176.48	-16.95	3.37	-293.95
22423	-7.77	-5.06	-9.50	193.08	115.49	-243.35	-16.80	-11.34	-310.51
22424	-7.88	-3.96	-9.50	213.78	149.63	-310.83	-16.11	-26.80	-322.82
22425	-8.63	-7.26	-9.50	146.79	51.58	-110.27	-25.26	18.54	-257.80
22426	-8.81	-6.17	-9.50	164.89	82.12	-176.33	-25.90	2.96	-277.84
22427	-8.97	-5.07	-9.50	183.45	114.27	-243.42	-26.04	-13.75	-293.76
22428	-9.09	-3.96	-9.50	202.35	147.35	-311.27	-25.53	-31.28	-305.59
22429	-9.78	-7.26	-9.50	140.27	51.92	-111.87	-33.22	19.13	-240.96
22430	-9.99	-6.17	-9.50	156.69	81.64	-178.10	-34.19	1.69	-260.09
22431	-10.16	-5.07	-9.50	173.50	112.80	-245.65	-34.57	-16.92	-275.30
22432	-10.30	-3.96	-9.50	190.63	144.72	-314.14	-34.23	-36.41	-286.59
22433	-10.93	-7.26	-9.50	133.77	52.14	-115.70	-40.57	18.22	-222.73
22434	-11.16	-6.17	-9.50	148.57	80.96	-182.30	-41.86	-1.06	-240.90
22435	-11.36	-5.07	-9.50	163.73	111.04	-250.53	-42.47	-21.56	-255.35
22436	-11.51	-3.96	-9.50	179.18	141.72	-319.88	-42.26	-42.96	-265.99
22437	-12.08	-7.26	-9.50	127.68	52.22	-122.19	-47.34	15.12	-203.34
22438	-12.34	-6.17	-9.50	141.00	80.04	-189.26	-48.93	-6.07	-220.49
22439	-12.55	-5.07	-9.50	154.62	108.98	-258.25	-49.74	-28.47	-234.05
22440	-12.73	-3.96	-9.50	168.51	138.42	-328.54	-49.67	-51.82	-243.90
22441	-13.23	-7.26	-9.50	122.30	52.18	-131.43	-53.48	9.15	-183.01
22442	-13.51	-6.17	-9.50	134.23	78.93	-198.82	-55.37	-14.05	-199.02
22443	-13.75	-5.07	-9.50	146.40	106.71	-268.40	-56.38	-38.49	-211.52
22444	-13.94	-3.96	-9.50	158.79	134.94	-339.42	-56.44	-63.96	-220.32
22445	-14.38	-7.26	-9.50	117.58	52.17	-142.82	-58.87	-0.19	-161.86
22446	-14.69	-6.18	-9.50	128.08	77.82	-210.03	-61.07	-25.55	-176.50
22447	-14.94	-5.08	-9.50	138.76	104.45	-279.56	-62.30	-52.24	-187.65
22448	-15.15	-3.96	-9.50	149.60	131.53	-350.65	-62.50	-80.05	-195.10
22449	-15.53	-7.26	-9.50	112.85	52.50	-154.88	-63.38	-12.98	-139.77
22450	-15.86	-6.18	-9.50	121.73	77.00	-220.88	-65.91	-40.59	-152.70
22451	-16.14	-5.08	-9.50	130.65	102.51	-289.21	-67.37	-69.64	-162.15
22452	-16.36	-3.96	-9.50	139.66	128.54	-359.10	-67.69	-99.93	-167.89
22453	-16.68	-7.26	-9.50	107.01	53.48	-165.36	-66.90	-28.64	-116.37
22454	-17.04	-6.18	-9.50	113.82	76.82	-228.68	-69.71	-58.30	-127.16
22455	-17.33	-5.08	-9.50	120.52	101.26	-294.12	-71.33	-89.46	-134.49
22456	-17.57	-3.96	-9.50	127.17	126.32	-360.99	-71.69	-121.91	-138.19
22457	-17.83	-7.26	-9.50	98.82	55.33	-171.90	-69.25	-45.88	-91.25
22458	-18.21	-6.18	-9.50	103.05	77.59	-230.85	-72.18	-76.72	-99.37
22459	-18.53	-5.08	-9.50	106.96	100.99	-291.50	-73.79	-109.04	-104.22
22460	-18.78	-3.96	-9.50	110.68	125.10	-353.31	-73.99	-142.53	-105.62
22461	-0.58	-7.25	-10.50	189.86	41.54	-148.39	55.30	8.83	-278.77
22462	-0.59	-6.15	-10.50	221.50	85.07	-209.94	58.79	9.03	-299.36
22463	-0.60	-5.05	-10.50	254.35	131.60	-271.81	61.88	9.26	-315.71
22464	-0.61	-3.95	-10.50	288.04	179.91	-333.61	64.50	9.52	-328.18
22465	-1.73	-7.25	-10.50	191.23	40.92	-146.06	40.54	10.68	-275.98
22466	-1.76	-6.15	-10.50	222.43	84.34	-207.32	43.05	8.54	-296.48
22467	-1.79	-5.05	-10.50	254.78	130.84	-268.98	45.34	6.27	-312.79
22468	-1.82	-3.95	-10.50	287.94	179.18	-330.65	47.38	3.91	-325.27
22469	-2.88	-7.25	-10.50	191.47	40.88	-143.49	26.23	12.71	-271.13
22470	-2.94	-6.16	-10.50	221.91	84.06	-204.44	27.81	8.34	-291.43
22471	-2.99	-5.06	-10.50	253.43	130.33	-265.91	29.35	3.68	-307.61
22472	-3.03	-3.95	-10.50	285.72	178.46	-327.47	30.85	-1.18	-320.02
22473	-4.03	-7.25	-10.50	190.62	41.39	-140.81	12.46	14.92	-264.29

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]
22474	-4.11	-6.16	-10.50	220.03	84.19	-201.47	13.19	8.46	-284.28
22475	-4.18	-5.06	-10.50	250.41	130.05	-262.77	14.04	1.53	-300.25
22476	-4.24	-3.95	-10.50	281.50	177.74	-324.27	15.05	-5.70	-312.53
22477	-5.18	-7.25	-10.50	188.78	42.41	-138.19	-0.68	17.28	-255.55
22478	-5.29	-6.16	-10.50	216.87	84.69	-198.61	-0.72	8.83	-275.11
22479	-5.38	-5.06	-10.50	245.85	129.97	-259.81	-0.50	-0.23	-290.79
22480	-5.45	-3.95	-10.50	275.46	176.99	-321.30	0.07	-9.71	-302.89
22481	-6.33	-7.26	-10.50	186.01	43.88	-135.84	-13.10	19.67	-244.96
22482	-6.46	-6.16	-10.50	212.56	85.53	-196.09	-13.83	9.34	-264.01
22483	-6.58	-5.06	-10.50	239.88	130.05	-257.31	-14.18	-1.75	-279.33
22484	-6.67	-3.95	-10.50	267.80	176.19	-318.92	-14.02	-13.35	-291.21
22485	-7.48	-7.26	-10.50	182.41	45.75	-134.03	-24.76	21.85	-232.63
22486	-7.64	-6.16	-10.50	207.22	86.65	-194.23	-26.12	9.71	-251.06
22487	-7.77	-5.06	-10.50	232.71	130.25	-255.62	-26.99	-3.31	-265.98
22488	-7.88	-3.96	-10.50	258.75	175.29	-317.51	-27.20	-16.94	-277.59
22489	-8.63	-7.26	-10.50	178.05	47.96	-133.05	-35.67	23.48	-218.62
22490	-8.81	-6.17	-10.50	201.00	87.98	-193.38	-37.60	9.56	-236.38
22491	-8.97	-5.07	-10.50	224.56	130.50	-255.12	-38.93	-5.35	-250.85
22492	-9.09	-3.96	-10.50	248.63	174.26	-317.50	-39.47	-20.92	-262.16
22493	-9.78	-7.26	-10.50	173.07	50.38	-133.26	-45.86	24.02	-203.05
22494	-9.99	-6.17	-10.50	194.11	89.41	-193.91	-48.32	8.30	-220.10
22495	-10.16	-5.07	-10.50	215.70	130.69	-256.24	-50.06	-8.46	-234.09
22496	-10.30	-3.96	-10.50	237.75	173.00	-319.32	-50.87	-25.93	-245.03
22497	-10.93	-7.26	-10.50	167.67	52.90	-135.08	-55.41	22.79	-186.13
22498	-11.16	-6.17	-10.50	186.81	90.81	-196.23	-58.33	5.25	-202.43
22499	-11.36	-5.07	-10.50	206.44	130.71	-259.32	-60.41	-13.35	-215.87
22500	-11.51	-3.96	-10.50	226.48	171.42	-323.26	-61.41	-32.70	-226.35
22501	-12.08	-7.26	-10.50	162.09	55.40	-138.90	-64.33	19.06	-168.20
22502	-12.34	-6.17	-10.50	179.37	92.02	-200.62	-67.67	-0.31	-183.65
22503	-12.55	-5.07	-10.50	197.06	130.40	-264.49	-69.97	-20.75	-196.40
22504	-12.73	-3.96	-10.50	215.07	169.45	-329.27	-71.06	-42.00	-206.23
22505	-13.23	-7.26	-10.50	156.57	57.72	-144.93	-72.55	12.32	-149.59
22506	-13.51	-6.17	-10.50	171.96	92.91	-207.01	-76.17	-8.89	-164.02
22507	-13.75	-5.07	-10.50	187.62	129.70	-271.39	-78.59	-31.21	-175.84
22508	-13.94	-3.96	-10.50	203.50	167.06	-336.75	-79.66	-54.45	-184.70
22509	-14.38	-7.26	-10.50	151.02	59.88	-152.86	-79.72	2.44	-130.54
22510	-14.69	-6.18	-10.50	164.34	93.53	-214.75	-83.53	-20.63	-143.66
22511	-14.94	-5.08	-10.50	177.78	128.69	-278.99	-85.97	-44.89	-154.16
22512	-15.15	-3.96	-10.50	191.30	164.39	-344.26	-86.95	-70.20	-161.67
22513	-15.53	-7.26	-10.50	144.85	62.17	-161.60	-85.41	-10.18	-110.95
22514	-15.86	-6.18	-10.50	155.80	94.14	-222.40	-89.33	-35.05	-122.37
22515	-16.14	-5.08	-10.50	166.66	127.62	-285.50	-91.73	-61.24	-131.12
22516	-16.36	-3.96	-10.50	177.49	161.69	-349.64	-92.56	-88.59	-136.89
22517	-16.68	-7.26	-10.50	137.04	64.90	-169.40	-89.32	-24.63	-90.39
22518	-17.04	-6.18	-10.50	145.23	95.12	-227.99	-93.19	-51.07	-99.69
22519	-17.33	-5.08	-10.50	153.14	126.88	-288.68	-95.44	-78.85	-106.31
22520	-17.57	-3.96	-10.50	160.89	159.29	-350.37	-96.01	-107.84	-110.02
22521	-17.83	-7.26	-10.50	126.55	68.33	-174.38	-91.16	-39.76	-68.36
22522	-18.21	-6.18	-10.50	131.65	96.80	-229.60	-94.76	-66.99	-75.13
22523	-18.53	-5.08	-10.50	136.30	126.80	-286.61	-96.66	-95.51	-79.32
22524	-18.78	-3.96	-10.50	140.68	157.50	-344.48	-96.77	-125.13	-80.80
22525	-19.82	-3.96	-9.50	86.76	125.11	-331.29	-73.77	-158.28	-64.91
22526	-20.67	-3.96	-9.50	57.67	126.48	-296.28	-68.89	-161.00	-15.80
22527	-21.53	-3.96	-9.50	31.73	128.72	-258.54	-59.17	-145.27	34.36
22528	-22.38	-3.96	-9.50	13.42	131.06	-227.27	-45.47	-112.44	83.24
22529	-23.24	-3.96	-9.50	4.47	133.00	-209.47	-28.82	-59.52	129.23
22530	-19.56	-5.08	-9.50	86.40	102.22	-277.15	-74.11	-126.27	-65.69
22531	-20.42	-5.08	-9.50	60.14	105.26	-251.25	-70.03	-134.14	-18.15
22532	-21.29	-5.08	-9.50	35.49	109.46	-221.74	-61.13	-126.25	31.17
22533	-22.15	-5.07	-9.50	16.97	113.95	-197.10	-48.08	-102.71	80.06
22534	-23.02	-5.07	-9.50	6.64	118.05	-184.13	-31.71	-59.86	126.91
22535	-19.24	-6.18	-9.50	85.76	80.03	-223.88	-72.89	-95.16	-63.42
22536	-20.12	-6.18	-9.50	62.34	84.68	-206.85	-69.53	-107.85	-18.14
22537	-20.99	-6.18	-9.50	39.08	90.72	-185.35	-61.49	-107.48	29.52
22538	-21.87	-6.18	-9.50	20.41	97.21	-167.13	-49.23	-92.98	77.56
22539	-22.75	-6.17	-9.50	8.90	103.32	-158.75	-33.45	-60.12	124.52
22540	-18.86	-7.26	-9.50	84.66	58.99	-171.85	-70.23	-65.17	-58.19
22541	-19.75	-7.26	-9.50	64.07	65.17	-163.33	-67.52	-82.29	-15.76
22542	-20.64	-7.26	-9.50	42.31	72.88	-149.54	-60.39	-89.06	29.45
22543	-21.53	-7.26	-9.50	23.67	81.24	-137.47	-49.02	-83.31	75.80
22544	-22.42	-7.26	-9.50	10.97	89.17	-133.46	-34.12	-60.23	122.08
22545	-19.82	-3.96	-10.50	113.23	156.48	-328.47	-93.88	-137.93	-44.53
22546	-20.67	-3.96	-10.50	79.86	156.37	-302.82	-85.31	-140.06	-0.82
22547	-21.53	-3.96	-10.50	47.81	156.90	-274.82	-71.59	-127.05	44.20
22548	-22.38	-3.96	-10.50	21.78	157.19	-253.69	-53.83	-99.38	88.58
22549	-23.24	-3.96	-10.50	7.10	156.26	-252.01	-33.36	-54.21	130.80
22550	-19.56	-5.08	-10.50	112.35	127.95	-276.18	-94.55	-109.80	-45.14
22551	-20.42	-5.08	-10.50	81.79	130.58	-257.16	-86.96	-116.48	-2.94
22552	-21.29	-5.08	-10.50	51.18	134.04	-235.30	-74.17	-110.40	41.24
22553	-22.15	-5.07	-10.50	25.25	137.40	-219.28	-57.12	-91.15	85.59
22554	-23.02	-5.07	-10.50	9.39	139.50	-220.96	-36.93	-55.15	128.59
22555	-19.24	-6.18	-10.50	111.16	100.06	-224.60	-93.40	-82.51	-43.39
22556	-20.12	-6.18	-10.50	83.49	105.33	-212.06	-86.80	-93.44	-3.32
22557	-20.99	-6.18	-10.50	54.44	111.61	-196.17	-75.07	-93.97	39.26
22558	-21.87	-6.18	-10.50	28.69	117.84	-185.04	-58.89	-82.87	82.78
22559	-22.75	-6.17	-10.50	11.82	122.86	-189.79	-39.24	-55.97	125.94
22560	-18.86	-7.26	-10.50	109.42	73.65	-174.47	-90.51	-56.19	-39.34
22561	-19.75	-7.26	-10.50	84.68	81.43	-168.11	-84.96	-71.03	-1.90
22562	-20.64	-7.26	-10.50	57.36	90.33	-157.94	-74.38	-77.84	38.41
22563	-21.53	-7.26	-10.50	32.01	99.35	-151.48	-59.20	-74.63	80.31
22564	-22.42	-7.26	-10.50	14.12	107.01	-158.95	-40.40	-56.56	122.93
22565	0.56	-8.10	-9.50	151.45	27.89	-73.24	56.30	2.81	-303.03
22566	0.56	-8.70	-9.50	138.23	11.48	-35.25	53.68	1.35	-285.41
22567	1.69	-8.10	-9.50	149.58	29.22	-74.63	67.88	-0.53	-301.67
22568	1.67	-8.70	-9.50	136.48	12.80	-36.51	64.69	-3.26	-284.15
22569	2.82	-8.10	-9.50	146.71	31.00	-75.52	79.52	-4.03	-298.11
22570	2.78	-8.70	-9.50	133.92	14.61	-37.32	75.75	-8.07	-280.86
22571	3.95	-8.10	-9.50	142.86	33.21	-75.87	91.09	-7.86	-292.35
22572	3.89	-8.70	-9.50	130.53	16.84	-37.63	86.75	-13.18	-275.47

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]
22573	5.08	-8.10	-9.50	138.08	35.81	-75.67	102.53	-12.17	-284.40
22574	5.00	-8.70	-9.50	126.36	19.50	-37.45	97.61	-18.75	-268.01
22575	6.21	-8.10	-9.50	132.42	38.80	-74.96	113.77	-17.14	-274.28
22576	6.11	-8.70	-9.50	121.43	22.54	-36.80	108.28	-24.92	-258.50
22577	7.34	-8.10	-9.50	125.93	42.14	-73.81	124.79	-22.92	-262.03
22578	7.22	-8.70	-9.50	115.81	25.94	-35.77	118.72	-31.83	-246.98
22579	8.47	-8.10	-9.50	118.72	45.82	-72.41	135.59	-29.64	-247.68
22580	8.34	-8.70	-9.50	109.57	29.69	-34.54	128.94	-39.62	-233.49
22581	9.60	-8.10	-9.50	110.89	49.80	-71.03	146.21	-37.40	-231.28
22582	9.45	-8.70	-9.50	102.81	33.78	-33.40	138.93	-48.38	-218.10
22583	10.73	-8.10	-9.50	102.64	54.08	-70.14	156.66	-46.23	-212.88
22584	10.56	-8.70	-9.50	95.67	38.15	-32.83	148.70	-58.19	-200.82
22585	11.85	-8.10	-9.50	94.20	58.82	-70.38	166.85	-56.14	-192.66
22586	11.67	-8.70	-9.50	88.27	43.07	-33.52	158.14	-68.97	-181.78
22587	12.98	-8.10	-9.50	85.87	64.13	-72.56	176.69	-67.31	-170.89
22588	12.78	-8.70	-9.50	81.21	48.66	-36.25	167.18	-80.68	-161.53
22589	14.11	-8.10	-9.50	77.80	70.25	-77.52	185.77	-80.04	-147.75
22590	13.89	-8.70	-9.50	74.36	55.04	-42.00	175.34	-93.96	-140.20
22591	15.24	-8.10	-9.50	69.99	77.78	-85.96	193.60	-94.37	-123.58
22592	15.00	-8.70	-9.50	67.69	62.95	-51.51	182.31	-108.48	-118.07
22593	16.37	-8.10	-9.50	62.25	87.35	-98.39	199.76	-110.30	-98.96
22594	16.11	-8.70	-9.50	61.67	72.69	-65.20	187.67	-124.06	-96.14
22595	17.50	-8.10	-9.50	54.14	99.75	-115.33	204.05	-127.45	-74.70
22596	17.23	-8.70	-9.50	55.35	85.29	-83.48	190.90	-140.76	-74.83
22597	0.56	-8.10	-10.50	163.62	11.33	-102.75	66.49	5.18	-260.24
22598	0.56	-8.70	-10.50	147.78	-9.09	-68.86	63.62	3.92	-244.33
22599	1.69	-8.10	-10.50	160.08	13.22	-104.09	80.74	1.70	-258.89
22600	1.67	-8.70	-10.50	144.40	-7.18	-70.11	77.14	-0.66	-243.05
22601	2.82	-8.10	-10.50	155.59	15.88	-104.98	95.03	-1.92	-255.53
22602	2.78	-8.70	-10.50	140.27	-4.46	-70.93	90.70	-5.42	-239.90
22603	3.95	-8.10	-10.50	150.19	19.30	-105.41	109.23	-5.81	-250.12
22604	3.89	-8.70	-10.50	135.38	-0.97	-71.32	104.18	-10.45	-234.80
22605	5.08	-8.10	-10.50	143.89	23.48	-105.34	123.25	-10.15	-242.67
22606	5.00	-8.70	-10.50	129.75	3.31	-71.27	117.45	-15.89	-227.75
22607	6.21	-8.10	-10.50	136.72	28.45	-104.82	136.98	-15.09	-233.15
22608	6.11	-8.70	-10.50	123.42	8.39	-70.80	130.45	-21.89	-218.75
22609	7.34	-8.10	-10.50	128.73	34.22	-103.88	150.37	-20.75	-221.57
22610	7.22	-8.70	-10.50	116.42	14.28	-69.96	143.10	-28.57	-207.81
22611	8.47	-8.10	-10.50	119.97	40.82	-102.63	163.38	-27.23	-207.94
22612	8.34	-8.70	-10.50	108.79	21.00	-68.87	155.36	-36.02	-194.96
22613	9.60	-8.10	-10.50	110.51	48.27	-101.29	176.04	-34.56	-192.30
22614	9.45	-8.70	-10.50	100.60	28.58	-67.75	167.21	-44.27	-180.27
22615	10.73	-8.10	-10.50	100.49	56.55	-100.26	188.34	-42.68	-174.75
22616	10.56	-8.70	-10.50	91.95	36.99	-66.99	178.65	-53.31	-163.80
22617	11.85	-8.10	-10.50	90.20	65.78	-100.15	200.22	-51.44	-155.64
22618	11.67	-8.70	-10.50	82.98	46.45	-67.22	189.61	-62.87	-145.82
22619	12.98	-8.10	-10.50	80.05	75.99	-101.79	211.55	-60.98	-135.47
22620	12.78	-8.70	-10.50	74.42	56.96	-69.25	200.01	-72.88	-127.11
22621	14.11	-8.10	-10.50	70.32	87.34	-105.98	221.82	-71.71	-114.62
22622	13.89	-8.70	-10.50	66.23	68.63	-73.96	209.23	-84.07	-107.96
22623	15.24	-8.10	-10.50	61.01	100.36	-113.15	230.43	-83.98	-93.48
22624	15.00	-8.70	-10.50	58.32	82.08	-81.85	216.98	-96.38	-88.70
22625	16.37	-8.10	-10.50	51.78	115.63	-123.29	236.90	-98.05	-72.45
22626	16.11	-8.70	-10.50	51.18	97.53	-92.88	222.74	-109.98	-70.14
22627	17.50	-8.10	-10.50	41.82	133.97	-136.28	241.08	-113.62	-51.96
22628	17.23	-8.70	-10.50	43.51	116.07	-106.90	225.93	-124.99	-52.35
22629	22.14	-8.10	-9.50	237.33	467.61	-781.13	421.37	-558.43	34.82
22630	21.23	-8.10	-9.50	56.84	319.51	-485.79	244.45	-214.12	-15.06
22631	20.33	-8.10	-9.50	27.16	198.78	-280.22	215.73	-195.78	-1.51
22632	19.42	-8.10	-9.50	32.07	152.70	-197.04	209.44	-173.80	-21.08
22633	18.52	-8.10	-9.50	43.61	119.78	-144.95	207.06	-148.77	-47.01
22634	21.91	-8.70	-9.50	380.64	553.73	-753.02	308.42	-605.31	-285.21
22635	20.99	-8.70	-9.50	80.58	269.35	-436.16	215.14	-222.37	-39.01
22636	20.07	-8.70	-9.50	39.72	185.04	-251.45	196.45	-207.08	-28.39
22637	19.16	-8.70	-9.50	39.15	138.08	-168.63	192.63	-184.58	-31.82
22638	18.24	-8.70	-9.50	47.46	105.50	-114.99	192.82	-161.01	-51.75
22639	22.14	-8.10	-10.50	-381.37	504.86	-957.20	529.15	-254.77	167.51
22640	21.23	-8.10	-10.50	-99.46	397.87	-368.15	249.63	-162.25	22.78
22641	20.33	-8.10	-10.50	-24.51	254.14	-255.72	246.71	-171.55	17.32
22642	19.42	-8.10	-10.50	5.55	202.96	-192.82	243.47	-154.23	-5.72
22643	18.52	-8.10	-10.50	27.41	161.21	-157.35	243.39	-133.25	-28.38
22644	21.91	-8.70	-10.50	-53.58	640.18	-865.55	254.60	-263.01	-120.36
22645	20.99	-8.70	-10.50	-39.40	327.57	-345.35	227.39	-173.89	-0.97
22646	20.07	-8.70	-10.50	-2.84	239.76	-229.39	222.36	-178.91	-9.84
22647	19.16	-8.70	-10.50	16.59	184.57	-167.14	224.92	-163.04	-16.07
22648	18.24	-8.70	-10.50	32.71	143.55	-129.70	227.28	-143.43	-33.11
22649	-0.56	-8.10	-9.50	152.31	26.97	-71.42	44.80	6.16	-302.18
22650	-1.69	-8.10	-9.50	152.16	26.41	-69.26	33.54	9.54	-299.13
22651	-2.82	-8.10	-9.50	151.02	26.20	-66.91	22.62	12.98	-293.94
22652	-3.95	-8.10	-9.50	148.95	26.34	-64.50	12.11	16.52	-286.72
22653	-5.08	-8.10	-9.50	146.02	26.76	-62.27	2.10	20.12	-277.54
22654	-6.21	-8.10	-9.50	142.29	27.40	-60.45	-7.35	23.70	-266.49
22655	-7.34	-8.10	-9.50	137.89	28.18	-59.37	-16.21	27.06	-253.69
22656	-8.47	-8.10	-9.50	132.95	29.04	-59.42	-24.44	29.94	-239.24
22657	-9.60	-8.10	-9.50	127.67	29.89	-61.06	-32.10	31.94	-223.28
22658	-10.73	-8.10	-9.50	122.39	30.66	-64.81	-39.16	32.50	-205.92
22659	-11.85	-8.10	-9.50	117.43	31.40	-71.13	-45.60	30.89	-187.45
22660	-12.98	-8.10	-9.50	113.09	32.12	-80.28	-51.45	26.54	-168.11
22661	-14.11	-8.10	-9.50	109.41	32.89	-91.90	-56.53	18.93	-148.03
22662	-15.24	-8.10	-9.50	105.86	34.10	-104.84	-60.69	7.81	-127.35
22663	-16.37	-8.10	-9.50	101.52	35.95	-117.17	-63.95	-6.22	-105.71
22664	-17.50	-8.10	-9.50	95.23	38.71	-126.76	-66.13	-22.42	-82.60
22665	-0.56	-8.70	-9.50	139.14	10.60	-33.58	42.74	6.04	-284.56
22666	-1.67	-8.70	-9.50	139.08	10.09	-31.64	32.03	10.67	-281.55
22667	-2.78	-8.70	-9.50	138.21	9.98	-29.52	21.60	15.31	-276.54
22668	-3.89	-8.70	-9.50	136.56	10.24	-27.37	11.54	19.98	-269.59
22669	-5.00	-8.70	-9.50	134.17	10.81	-25.40	1.92	24.65	-260.78
22670	-6.11	-8.70	-9.50	131.10	11.62	-23.85	-7.18	29.23	-250.19
22671	-7.22	-8.70	-9.50	127.45	12.62	-23.02	-15.73	33.56	-237.92

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]
22672	-8.34	-8.70	-9.50	123.32	13.73	-23.29	-23.69	37.37	-224.07
22673	-9.45	-8.70	-9.50	118.90	14.91	-25.09	-31.08	40.32	-208.80
22674	-10.56	-8.70	-9.50	114.41	16.00	-28.95	-37.92	41.97	-192.13
22675	-11.67	-8.70	-9.50	110.21	17.15	-35.34	-44.11	41.45	-174.29
22676	-12.78	-8.70	-9.50	106.68	18.43	-44.52	-49.66	38.20	-155.82
22677	-13.89	-8.70	-9.50	103.61	19.65	-56.39	-54.51	32.10	-136.40
22678	-15.00	-8.70	-9.50	100.79	21.49	-69.89	-58.38	21.94	-116.71
22679	-16.11	-8.70	-9.50	97.49	23.88	-83.36	-61.46	9.10	-96.54
22680	-17.23	-8.70	-9.50	92.36	27.22	-94.83	-63.44	-6.03	-74.84
22681	-0.56	-8.10	-10.50	166.20	10.15	-101.00	52.35	8.70	-259.56
22682	-1.69	-8.10	-10.50	167.85	9.62	-98.92	38.48	12.26	-256.85
22683	-2.82	-8.10	-10.50	168.57	9.73	-96.61	25.00	15.90	-252.19
22684	-3.95	-8.10	-10.50	168.44	10.48	-94.19	11.97	19.64	-245.65
22685	-5.08	-8.10	-10.50	167.51	11.82	-91.82	-0.48	23.45	-237.31
22686	-6.21	-8.10	-10.50	165.84	13.68	-89.69	-12.30	27.19	-227.23
22687	-7.34	-8.10	-10.50	163.49	16.00	-88.03	-23.41	30.69	-215.49
22688	-8.47	-8.10	-10.50	160.50	18.71	-87.12	-33.81	33.63	-202.17
22689	-9.60	-8.10	-10.50	156.94	21.73	-87.28	-43.55	35.53	-187.36
22690	-10.73	-8.10	-10.50	152.98	24.91	-88.92	-52.65	35.74	-171.23
22691	-11.85	-8.10	-10.50	148.81	28.23	-92.48	-61.13	33.46	-154.13
22692	-12.98	-8.10	-10.50	144.68	31.53	-98.33	-68.98	28.23	-136.44
22693	-14.11	-8.10	-10.50	140.63	34.77	-106.41	-75.87	19.86	-118.41
22694	-15.24	-8.10	-10.50	136.15	38.30	-115.86	-81.36	8.60	-100.17
22695	-16.37	-8.10	-10.50	130.34	42.30	-125.12	-85.25	-4.58	-81.27
22696	-17.50	-8.10	-10.50	122.14	47.12	-132.39	-87.25	-18.98	-61.12
22697	-0.56	-8.70	-10.50	150.40	-10.24	-67.24	50.19	8.62	-243.65
22698	-1.67	-8.70	-10.50	152.12	-10.74	-65.33	37.00	13.28	-240.98
22699	-2.78	-8.70	-10.50	153.10	-10.53	-63.20	24.14	17.96	-236.46
22700	-3.89	-8.70	-10.50	153.38	-9.65	-60.98	11.70	22.69	-230.16
22701	-5.00	-8.70	-10.50	153.00	-8.16	-58.82	-0.24	27.42	-222.13
22702	-6.11	-8.70	-10.50	152.00	-6.11	-56.90	-11.58	32.05	-212.44
22703	-7.22	-8.70	-10.50	150.43	-3.56	-55.45	-22.28	36.40	-201.18
22704	-8.34	-8.70	-10.50	148.33	-0.58	-54.72	-32.29	40.17	-188.41
22705	-9.45	-8.70	-10.50	145.73	2.77	-55.03	-41.64	42.96	-174.28
22706	-10.56	-8.70	-10.50	142.72	6.28	-56.77	-50.41	44.23	-158.82
22707	-11.67	-8.70	-10.50	139.50	10.05	-60.37	-58.53	43.02	-142.35
22708	-12.78	-8.70	-10.50	136.43	14.01	-66.21	-66.02	38.84	-125.53
22709	-13.89	-8.70	-10.50	133.27	17.85	-74.43	-72.65	31.88	-108.13
22710	-15.00	-8.70	-10.50	129.79	22.22	-84.25	-77.93	21.41	-90.82
22711	-16.11	-8.70	-10.50	125.37	27.02	-94.28	-81.82	9.19	-73.29
22712	-17.23	-8.70	-10.50	118.61	32.71	-102.87	-83.85	-4.36	-54.40
22713	-18.52	-8.10	-9.50	83.46	43.41	-131.78	-67.24	-42.41	-51.95
22714	-19.42	-8.10	-9.50	65.07	50.80	-129.70	-65.02	-62.79	-12.10
22715	-20.33	-8.10	-9.50	44.55	59.72	-121.79	-58.62	-74.91	30.68
22716	-21.23	-8.10	-9.50	26.08	69.44	-114.39	-48.02	-75.83	75.21
22717	-22.14	-8.10	-9.50	12.59	78.81	-113.66	-33.74	-60.29	120.27
22718	-18.24	-8.70	-9.50	82.29	32.61	-103.23	-64.61	-26.42	-46.07
22719	-19.16	-8.70	-9.50	65.48	40.85	-105.66	-62.70	-48.98	-8.48
22720	-20.07	-8.70	-9.50	45.86	50.62	-101.87	-56.86	-64.82	32.24
22721	-20.99	-8.70	-9.50	27.56	61.12	-97.76	-46.95	-70.42	75.12
22722	-21.91	-8.70	-9.50	13.93	71.64	-99.29	-33.13	-60.32	119.05
22723	-18.52	-8.10	-10.50	107.63	54.12	-136.16	-87.14	-36.18	-34.31
22724	-19.42	-8.10	-10.50	85.22	63.87	-134.44	-82.46	-53.91	0.80
22725	-20.33	-8.10	-10.50	59.33	74.67	-128.63	-72.85	-65.45	38.88
22726	-21.23	-8.10	-10.50	34.48	85.80	-125.67	-58.52	-68.24	79.12
22727	-22.14	-8.10	-10.50	15.94	95.45	-135.18	-40.36	-56.99	120.57
22728	-18.24	-8.70	-10.50	105.99	40.80	-109.02	-84.13	-22.04	-29.28
22729	-19.16	-8.70	-10.50	85.29	51.92	-110.50	-80.07	-41.74	3.80
22730	-20.07	-8.70	-10.50	60.47	64.10	-107.69	-71.21	-56.58	40.03
22731	-20.99	-8.70	-10.50	36.03	76.49	-107.17	-57.67	-63.60	78.78
22732	-21.91	-8.70	-10.50	17.56	88.01	-117.98	-39.96	-57.30	119.24
22733	11.67	-9.50	-9.50	79.72	24.11	14.42	148.51	-85.58	-160.33
22734	12.71	-9.45	-9.50	74.80	31.04	7.65	156.63	-96.75	-143.90
22735	13.75	-9.40	-9.50	70.14	38.58	-2.01	163.97	-108.82	-126.99
22736	11.86	-10.51	-9.50	69.48	1.64	71.77	136.83	-108.16	-124.95
22737	12.77	-10.36	-9.50	67.56	10.63	57.73	144.26	-117.27	-115.47
22738	13.67	-10.20	-9.50	65.56	20.23	41.42	151.38	-125.89	-105.64
22739	12.05	-11.51	-9.50	61.46	-18.69	124.53	124.13	-128.26	-85.17
22740	12.82	-11.26	-9.50	61.85	-8.24	104.10	131.36	-135.14	-83.82
22741	13.59	-10.99	-9.50	62.20	2.86	82.19	138.37	-141.22	-81.29
22742	0.56	-9.90	-9.50	113.00	-19.57	42.44	48.37	-1.15	-243.50
22743	1.69	-9.89	-9.50	111.65	-17.98	40.84	58.75	-8.09	-242.77
22744	2.81	-9.87	-9.50	109.83	-15.71	39.08	69.19	-15.16	-240.28
22745	3.93	-9.85	-9.50	107.55	-12.76	37.21	79.62	-22.42	-236.04
22746	5.05	-9.82	-9.50	104.80	-9.17	35.22	89.98	-29.95	-230.08
22747	6.17	-9.78	-9.50	101.58	-4.96	33.09	100.22	-37.85	-222.41
22748	7.28	-9.74	-9.50	97.91	-0.20	30.71	110.31	-46.21	-213.07
22749	8.39	-9.69	-9.50	93.80	5.11	27.91	120.24	-55.13	-202.09
22750	9.50	-9.63	-9.50	89.31	10.93	24.42	130.00	-64.67	-189.55
22751	10.60	-9.56	-9.50	84.53	17.30	19.79	139.57	-74.86	-175.60
22752	0.58	-11.69	-9.50	79.20	-60.90	161.66	40.27	-4.49	-170.63
22753	1.75	-11.67	-9.50	78.52	-59.14	159.18	49.68	-15.25	-170.66
22754	2.91	-11.62	-9.50	77.88	-56.32	155.25	59.25	-25.99	-169.61
22755	4.07	-11.55	-9.50	77.27	-52.42	149.93	68.94	-36.65	-167.50
22756	5.22	-11.46	-9.50	76.63	-47.49	143.22	78.72	-47.20	-164.33
22757	6.37	-11.35	-9.50	75.90	-41.55	135.10	88.56	-57.66	-160.12
22758	7.51	-11.21	-9.50	75.05	-34.63	125.49	98.44	-68.03	-154.90
22759	8.64	-11.06	-9.50	74.02	-26.74	114.27	108.34	-78.32	-148.70
22760	9.75	-10.88	-9.50	72.77	-17.89	101.29	118.25	-88.52	-141.61
22761	10.86	-10.68	-9.50	71.29	-8.04	86.28	128.15	-98.57	-133.71
22762	0.60	-13.49	-9.50	50.19	-95.25	280.01	32.04	-7.21	-84.01
22763	1.81	-13.45	-9.50	50.17	-93.59	276.47	40.27	-21.73	-84.84
22764	3.02	-13.37	-9.50	50.65	-90.59	270.04	48.76	-36.09	-85.52
22765	4.21	-13.26	-9.50	51.55	-86.23	260.80	57.51	-50.08	-86.02
22766	5.40	-13.10	-9.50	52.79	-80.51	248.76	66.52	-63.57	-86.35
22767	6.58	-12.91	-9.50	54.30	-73.41	233.97	75.79	-76.44	-86.51
22768	7.74	-12.69	-9.50	55.96	-64.92	216.42	85.30	-88.64	-86.50
22769	8.88	-12.43	-9.50	57.67	-55.02	196.14	95.06	-100.11	-86.35
22770	10.01	-12.13	-9.50	59.27	-43.67	173.20	105.04	-110.80	-86.09

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]
22771	11.11	-11.80	-9.50	60.56	-30.81	147.70	115.26	-120.47	-85.83
22772	0.63	-15.29	-9.50	25.08	-118.99	385.74	24.04	-9.30	15.45
22773	1.88	-15.23	-9.50	25.77	-117.63	381.09	30.73	-27.48	13.69
22774	3.12	-15.12	-9.50	27.32	-114.80	372.14	37.80	-45.33	10.90
22775	4.36	-14.96	-9.50	29.67	-110.47	359.00	45.28	-62.52	7.09
22776	5.58	-14.75	-9.50	32.69	-104.58	341.77	53.21	-78.76	2.34
22777	6.78	-14.48	-9.50	36.28	-97.09	320.60	61.63	-93.84	-3.31
22778	7.97	-14.16	-9.50	40.26	-87.93	295.64	70.56	-107.60	-9.79
22779	9.13	-13.80	-9.50	44.46	-77.01	267.12	80.03	-119.98	-17.04
22780	10.27	-13.38	-9.50	48.62	-64.26	235.34	90.06	-130.93	-24.99
22781	11.37	-12.92	-9.50	52.38	-49.60	200.73	100.59	-140.36	-33.34
22782	0.65	-17.08	-9.50	2.82	-125.88	461.51	16.55	-10.66	120.99
22783	1.94	-17.01	-9.50	4.22	-125.04	456.06	21.07	-31.94	118.23
22784	3.22	-16.87	-9.50	6.89	-122.91	445.34	26.12	-52.75	112.98
22785	4.50	-16.66	-9.50	10.72	-119.42	429.51	31.80	-72.63	105.33
22786	5.75	-16.39	-9.50	15.54	-114.46	408.78	38.23	-91.17	95.45
22787	6.99	-16.04	-9.50	21.16	-107.91	383.39	45.50	-108.05	83.52
22788	8.20	-15.64	-9.50	27.36	-99.61	353.63	53.69	-123.06	69.75
22789	9.38	-15.17	-9.50	33.85	-89.41	319.85	62.88	-136.09	54.34
22790	10.52	-14.63	-9.50	40.28	-77.11	282.49	73.10	-147.17	37.53
22791	11.63	-14.04	-9.50	46.23	-62.52	242.04	84.31	-156.36	19.59
22792	0.67	-18.88	-9.50	-17.39	-110.62	492.03	9.88	-11.02	214.08
22793	2.00	-18.79	-9.50	-15.28	-110.61	486.56	11.51	-33.80	210.58
22794	3.33	-18.62	-9.50	-11.48	-110.02	475.79	13.86	-56.14	203.35
22795	4.64	-18.37	-9.50	-6.15	-108.63	459.89	17.17	-77.50	192.56
22796	5.93	-18.03	-9.50	0.45	-106.22	439.04	21.65	-97.41	178.46
22797	7.20	-17.61	-9.50	8.05	-102.52	413.48	27.49	-115.49	161.33
22798	8.43	-17.11	-9.50	16.32	-97.23	383.45	34.84	-131.48	141.49
22799	9.63	-16.54	-9.50	24.88	-90.00	349.23	43.82	-145.25	119.26
22800	10.78	-15.88	-9.50	33.28	-80.46	311.11	54.45	-156.80	94.96
22801	11.89	-15.16	-9.50	41.07	-68.19	269.46	66.66	-166.25	68.93
22802	16.80	-9.56	-9.50	58.04	64.17	-37.03	172.69	-154.02	-69.99
22803	16.19	-10.65	-9.50	58.65	35.92	22.30	150.14	-168.52	-57.42
22804	15.51	-11.70	-9.50	58.26	9.19	78.87	129.64	-176.76	-37.17
22805	15.78	-9.48	-9.50	62.15	54.06	-22.11	172.14	-138.34	-87.65
22806	15.36	-10.44	-9.50	60.77	30.54	29.24	153.29	-154.10	-72.83
22807	14.89	-11.36	-9.50	59.20	8.38	78.05	135.64	-164.79	-53.09
22808	14.77	-9.41	-9.50	66.27	46.24	-11.66	169.60	-122.99	-107.02
22809	14.53	-10.23	-9.50	63.76	26.78	32.28	154.79	-138.83	-90.63
22810	14.27	-11.03	-9.50	60.60	8.22	73.73	139.98	-150.93	-70.95
22811	12.91	-14.38	-9.50	47.67	-53.45	225.67	80.12	-173.47	42.21
22812	12.60	-13.43	-9.50	51.04	-47.08	202.06	95.87	-162.92	1.67
22813	12.30	-12.48	-9.50	55.08	-35.79	168.50	110.15	-147.40	-41.22
22814	13.85	-13.56	-9.50	52.58	-35.88	180.00	94.76	-177.82	14.94
22815	13.44	-12.81	-9.50	54.52	-30.79	163.09	107.51	-166.76	-16.09
22816	13.05	-12.07	-9.50	57.37	-22.75	139.51	119.03	-152.15	-49.02
22817	14.73	-12.67	-9.50	55.94	-15.47	131.25	110.81	-179.51	-11.62
22818	14.25	-12.15	-9.50	56.76	-12.80	122.31	119.92	-168.45	-33.10
22819	13.77	-11.64	-9.50	58.94	-8.05	109.35	128.45	-155.01	-56.85
22820	11.67	-9.50	-10.50	72.52	23.98	-24.50	177.74	-77.39	-126.28
22821	12.71	-9.45	-10.50	66.64	35.94	-30.05	187.09	-86.97	-111.24
22822	13.75	-9.40	-10.50	61.16	48.74	-38.09	195.45	-97.14	-96.22
22823	11.86	-10.51	-10.50	60.15	-1.10	26.92	163.25	-97.00	-94.17
22824	12.77	-10.36	-10.50	57.92	12.77	14.88	171.92	-104.87	-85.74
22825	13.67	-10.20	-10.50	55.71	27.39	1.04	180.25	-112.15	-77.23
22826	12.05	-11.51	-10.50	50.62	-23.18	75.03	147.59	-114.20	-58.57
22827	12.82	-11.26	-10.50	51.16	-8.30	57.10	156.15	-120.30	-57.59
22828	13.59	-10.99	-10.50	51.58	7.10	38.12	164.76	-125.61	-55.75
22829	0.56	-9.90	-10.50	117.53	-47.93	1.21	57.82	1.78	-205.77
22830	1.69	-9.89	-10.50	114.58	-45.61	-0.38	70.51	-4.83	-204.95
22831	2.81	-9.87	-10.50	111.29	-42.18	-2.12	83.25	-11.56	-202.48
22832	3.93	-9.85	-10.50	107.66	-37.64	-3.97	95.94	-18.47	-198.36
22833	5.05	-9.82	-10.50	103.66	-31.99	-5.95	108.50	-25.63	-192.62
22834	6.17	-9.78	-10.50	99.31	-25.25	-8.07	120.86	-33.15	-185.26
22835	7.28	-9.74	-10.50	94.60	-17.44	-10.39	132.96	-41.10	-176.30
22836	8.39	-9.69	-10.50	89.52	-8.58	-13.02	144.75	-49.55	-165.79
22837	9.50	-9.63	-10.50	84.08	1.32	-16.15	156.23	-58.49	-153.81
22838	10.60	-9.56	-10.50	78.34	12.24	-20.09	167.39	-67.86	-140.57
22839	0.58	-11.69	-10.50	77.27	-97.49	110.01	48.99	-1.11	-138.70
22840	1.75	-11.67	-10.50	75.02	-94.79	107.52	60.35	-11.14	-138.51
22841	2.91	-11.62	-10.50	73.04	-90.47	103.70	71.85	-21.13	-137.28
22842	4.07	-11.55	-10.50	71.30	-84.52	98.60	83.45	-31.07	-135.03
22843	5.22	-11.46	-10.50	69.73	-76.96	92.20	95.09	-40.92	-131.77
22844	6.37	-11.35	-10.50	68.27	-67.82	84.49	106.75	-50.67	-127.53
22845	7.51	-11.21	-10.50	66.88	-57.12	75.43	118.38	-60.34	-122.36
22846	8.64	-11.06	-10.50	65.47	-44.91	64.97	129.98	-69.91	-116.33
22847	9.75	-10.88	-10.50	63.94	-31.21	53.06	141.56	-79.33	-109.55
22848	10.86	-10.68	-10.50	62.24	-16.05	39.61	153.13	-88.49	-102.16
22849	0.60	-13.49	-10.50	43.43	-134.85	218.70	39.98	-3.53	-59.75
22850	1.81	-13.45	-10.50	41.88	-132.16	215.16	49.68	-16.92	-60.28
22851	3.02	-13.37	-10.50	41.12	-127.55	209.02	59.62	-30.15	-60.61
22852	4.21	-13.26	-10.50	41.07	-120.99	200.30	69.82	-43.03	-60.75
22853	5.40	-13.10	-10.50	41.64	-112.48	189.02	80.28	-55.43	-60.71
22854	6.58	-12.91	-10.50	42.73	-102.03	175.21	91.00	-67.23	-60.50
22855	7.74	-12.69	-10.50	44.22	-89.61	158.87	102.00	-78.35	-60.15
22856	8.88	-12.43	-10.50	45.99	-75.22	140.06	113.31	-88.77	-59.72
22857	10.01	-12.13	-10.50	47.83	-58.84	118.92	124.97	-98.46	-59.27
22858	11.11	-11.80	-10.50	49.46	-40.47	95.72	137.04	-107.20	-59.01
22859	0.63	-15.29	-10.50	15.48	-156.10	316.93	31.17	-5.45	29.25
22860	1.88	-15.23	-10.50	14.66	-153.74	312.36	38.77	-22.03	27.87
22861	3.12	-15.12	-10.50	15.06	-149.43	303.95	46.76	-38.30	25.54
22862	4.36	-14.96	-10.50	16.58	-143.14	291.77	55.21	-53.93	22.32
22863	5.58	-14.75	-10.50	19.09	-134.81	275.91	64.17	-68.65	18.24
22864	6.78	-14.48	-10.50	22.44	-124.38	256.45	73.70	-82.25	13.37
22865	7.97	-14.16	-10.50	26.46	-111.78	233.50	83.88	-94.59	7.79
22866	9.13	-13.80	-10.50	30.95	-96.90	207.23	94.80	-105.64	1.53
22867	10.27	-13.38	-10.50	35.62	-79.62	177.96	106.55	-115.44	-5.38
22868	11.37	-12.92	-10.50	40.03	-59.77	146.21	119.15	-124.01	-12.76
22869	0.65	-17.08	-10.50	-7.35	-157.67	392.59	22.86	-6.81	121.07



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]
22870	1.94	-17.01	-10.50	-7.44	-155.95	387.24	27.86	-25.93	118.77
22871	3.22	-16.87	-10.50	-5.93	-152.63	377.19	33.42	-44.62	114.24
22872	4.50	-16.66	-10.50	-2.93	-147.63	362.57	39.69	-62.45	107.57
22873	5.75	-16.39	-10.50	1.36	-140.81	343.50	46.83	-79.03	98.91
22874	6.99	-16.04	-10.50	6.74	-132.04	320.16	54.96	-94.09	88.46
22875	8.20	-15.64	-10.50	12.96	-121.11	292.75	64.22	-107.44	76.43
22876	9.38	-15.17	-10.50	19.72	-107.79	261.50	74.77	-119.03	63.05
22877	10.52	-14.63	-10.50	26.67	-91.77	226.74	86.72	-128.98	48.49
22878	11.63	-14.04	-10.50	33.30	-72.72	189.06	100.10	-137.47	32.86
22879	0.67	-18.88	-10.50	-25.96	-138.12	436.41	15.38	-7.41	199.68
22880	2.00	-18.79	-10.50	-25.36	-137.37	430.86	17.37	-27.60	196.77
22881	3.33	-18.62	-10.50	-22.81	-135.82	420.45	20.10	-47.39	190.59
22882	4.64	-18.37	-10.50	-18.49	-133.27	405.26	23.86	-66.31	181.31
22883	5.93	-18.03	-10.50	-12.62	-129.45	385.45	28.90	-83.94	169.12
22884	7.20	-17.61	-10.50	-5.51	-124.06	361.15	35.47	-99.97	154.30
22885	8.43	-17.11	-10.50	2.53	-116.75	332.56	43.76	-114.18	137.15
22886	9.63	-16.54	-10.50	11.11	-107.07	299.83	53.95	-126.49	118.00
22887	10.78	-15.88	-10.50	19.80	-94.49	263.20	66.19	-136.97	97.10
22888	11.89	-15.16	-10.50	28.09	-78.39	223.01	80.51	-145.82	74.67
22889	16.80	-9.56	-10.50	46.61	89.86	-64.24	204.98	-136.38	-48.05
22890	16.19	-10.65	-10.50	47.38	54.90	-9.78	179.05	-149.42	-36.94
22891	15.51	-11.70	-10.50	46.88	21.56	42.47	155.32	-157.05	-18.97
22892	15.78	-9.48	-10.50	51.57	74.59	-53.53	204.51	-122.43	-62.58
22893	15.36	-10.44	-10.50	49.93	45.80	-6.64	182.50	-136.58	-49.52
22894	14.89	-11.36	-10.50	48.05	18.52	38.22	161.84	-146.29	-32.05
22895	14.77	-9.41	-10.50	56.46	61.73	-45.78	201.79	-109.13	-78.86
22896	14.53	-10.23	-10.50	53.45	38.38	-5.92	184.20	-123.25	-64.41
22897	14.27	-11.03	-10.50	49.79	15.99	31.90	166.51	-134.06	-47.15
22898	12.91	-14.38	-10.50	35.28	-59.14	180.73	96.59	-152.95	51.45
22899	12.60	-13.43	-10.50	38.81	-52.62	151.85	114.14	-143.82	17.06
22900	12.30	-12.48	-10.50	43.30	-41.13	116.89	130.74	-130.56	-19.89
22901	13.85	-13.56	-10.50	40.63	-36.16	137.05	114.13	-157.56	27.42
22902	13.44	-12.81	-10.50	42.74	-31.41	115.90	128.27	-147.72	1.18
22903	13.05	-12.07	-10.50	45.96	-23.78	90.83	141.48	-135.02	-27.06
22904	14.73	-12.67	-10.50	44.32	-9.69	91.18	133.25	-159.53	3.77
22905	14.25	-12.15	-10.50	45.26	-8.11	78.72	143.24	-149.54	-14.17
22906	13.77	-11.64	-10.50	47.82	-4.00	64.14	152.88	-137.67	-34.44
22907	0.70	-20.20	-9.50	-34.84	-79.06	480.54	4.72	-10.65	267.83
22908	2.10	-20.10	-9.50	-32.01	-80.03	475.20	3.31	-33.30	264.12
22909	3.49	-19.90	-9.50	-27.00	-81.24	464.90	2.77	-55.73	256.24
22910	4.86	-19.62	-9.50	-20.11	-82.33	449.79	3.49	-77.39	244.37
22911	6.20	-19.23	-9.50	-11.64	-82.91	430.04	5.87	-97.79	228.75
22912	7.52	-18.76	-9.50	-2.00	-82.57	405.82	10.19	-116.52	209.64
22913	8.80	-18.19	-9.50	8.37	-80.84	377.29	16.68	-133.31	187.31
22914	10.04	-17.54	-9.50	18.96	-77.18	344.64	25.45	-148.02	162.05
22915	11.23	-16.80	-9.50	29.17	-70.98	308.02	36.50	-160.62	134.13
22916	12.37	-15.98	-9.50	38.35	-61.64	267.59	49.77	-171.16	103.75
22917	13.44	-15.08	-9.50	45.87	-48.30	223.43	64.93	-179.58	71.51
22918	14.46	-14.11	-9.50	51.51	-30.84	175.29	81.74	-185.90	38.27
22919	15.40	-13.08	-9.50	55.22	-8.81	122.44	100.33	-189.55	5.74
22920	16.27	-11.98	-9.50	57.02	18.21	64.13	121.33	-189.64	-22.64
22921	17.06	-10.82	-9.50	56.29	49.02	0.51	144.78	-184.99	-43.05
22922	17.76	-9.62	-9.50	52.82	81.99	-66.01	171.31	-173.21	-51.94
22923	0.74	-21.03	-9.50	-49.89	-45.79	446.54	1.25	-9.31	272.96
22924	2.22	-20.93	-9.50	-46.33	-47.52	440.85	-2.72	-29.47	269.37
22925	3.69	-20.72	-9.50	-40.16	-50.10	430.39	-5.85	-49.84	261.80
22926	5.14	-20.41	-9.50	-31.82	-52.96	415.45	-7.49	-69.86	250.54
22927	6.57	-19.99	-9.50	-21.70	-55.63	396.21	-7.07	-88.99	235.74
22928	7.96	-19.48	-9.50	-10.26	-57.59	372.82	-4.18	-106.85	217.53
22929	9.32	-18.87	-9.50	1.93	-58.26	345.41	1.39	-123.24	196.03
22930	10.62	-18.17	-9.50	14.18	-56.93	314.15	9.75	-138.07	171.36
22931	11.88	-17.37	-9.50	25.73	-52.84	279.16	20.82	-151.40	143.58
22932	13.07	-16.49	-9.50	35.81	-45.14	240.48	34.35	-163.32	112.79
22933	14.20	-15.53	-9.50	43.83	-33.06	197.77	49.97	-173.96	79.25
22934	15.26	-14.48	-9.50	49.57	-15.85	149.99	67.49	-183.37	43.85
22935	16.24	-13.37	-9.50	53.37	7.32	95.31	87.22	-191.46	8.87
22936	17.14	-12.19	-9.50	55.33	36.81	31.78	109.79	-197.74	-21.39
22937	17.95	-10.95	-9.50	54.77	72.34	-40.18	136.21	-200.20	-40.59
22938	18.68	-9.66	-9.50	48.52	111.03	-115.88	167.06	-193.81	-42.04
22939	0.78	-21.87	-9.50	-64.54	-19.45	408.89	-0.96	-6.87	236.84
22940	2.35	-21.76	-9.50	-60.25	-21.59	402.24	-6.69	-21.31	233.52
22941	3.90	-21.54	-9.50	-53.14	-25.00	391.15	-11.81	-36.95	227.01
22942	5.43	-21.20	-9.50	-43.85	-28.92	376.32	-15.33	-52.96	217.74
22943	6.94	-20.76	-9.50	-32.70	-32.82	357.83	-16.48	-68.69	205.67
22944	8.41	-20.20	-9.50	-20.13	-36.15	335.64	-14.84	-83.88	190.61
22945	9.83	-19.55	-9.50	-6.78	-38.23	309.81	-10.21	-98.46	172.40
22946	11.20	-18.79	-9.50	6.53	-38.25	280.46	-2.54	-112.45	150.89
22947	12.52	-17.94	-9.50	18.93	-35.36	247.68	7.98	-125.95	125.86
22948	13.77	-17.00	-9.50	29.60	-28.65	211.29	21.00	-139.10	97.05
22949	14.95	-15.97	-9.50	38.02	-17.26	170.44	36.12	-152.09	64.35
22950	16.06	-14.85	-9.50	44.18	-0.01	123.07	53.30	-165.24	28.33
22951	17.08	-13.67	-9.50	48.54	24.76	65.46	73.37	-178.98	-8.82
22952	18.01	-12.41	-9.50	53.97	59.09	-6.57	98.49	-193.57	-41.94
22953	18.85	-11.08	-9.50	58.74	101.43	-94.98	128.00	-207.06	-60.79
22954	19.60	-9.70	-9.50	52.95	153.56	-188.97	163.74	-210.37	-51.31
22955	0.83	-22.71	-9.50	-79.07	-4.42	378.69	-2.28	-3.77	166.97
22956	2.47	-22.59	-9.50	-74.04	-6.33	370.13	-8.92	-9.88	164.44
22957	4.11	-22.35	-9.50	-66.32	-9.67	357.55	-15.14	-18.78	159.95
22958	5.72	-21.99	-9.50	-56.67	-13.69	342.46	-19.76	-28.99	154.00
22959	7.30	-21.52	-9.50	-45.14	-17.78	324.58	-21.91	-39.71	146.21
22960	8.85	-20.93	-9.50	-32.05	-21.35	303.48	-21.19	-50.90	136.05
22961	10.35	-20.23	-9.50	-18.14	-23.67	279.09	-17.44	-62.71	123.02
22962	11.79	-19.42	-9.50	-4.28	-23.91	251.51	-10.71	-75.28	106.62
22963	13.17	-18.52	-9.50	8.61	-21.21	220.75	-1.23	-88.69	86.20
22964	14.48	-17.51	-9.50	19.76	-14.72	186.40	10.58	-103.03	61.07
22965	15.71	-16.41	-9.50	28.74	-3.47	147.09	24.35	-118.45	30.57
22966	16.86	-15.22	-9.50	35.56	14.12	99.43	40.28	-135.24	-5.45
22967	17.92	-13.96	-9.50	41.77	41.40	37.46	59.93	-153.99	-45.54
22968	18.89	-12.62	-9.50	48.00	83.36	-47.89	87.03	-174.73	-84.59

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]
22969	19.75	-11.21	-9.50	76.48	147.75	-163.99	132.74	-204.83	-113.82
22970	20.51	-9.75	-9.50	90.92	213.76	-321.41	173.13	-224.25	-97.25
22971	0.87	-23.55	-9.50	-92.98	0.50	360.99	-3.32	-0.60	64.97
22972	2.60	-23.42	-9.50	-87.64	-0.82	350.57	-10.37	3.61	64.58
22973	4.32	-23.17	-9.50	-79.79	-3.40	336.25	-16.71	3.52	63.83
22974	6.01	-22.78	-9.50	-70.20	-6.69	320.51	-21.45	0.88	62.68
22975	7.67	-22.28	-9.50	-58.72	-10.06	302.81	-23.94	-3.40	60.62
22976	9.29	-21.65	-9.50	-45.58	-12.91	282.34	-23.79	-9.54	56.90
22977	10.86	-20.91	-9.50	-31.53	-14.49	258.91	-20.84	-17.94	50.67
22978	12.37	-20.05	-9.50	-17.47	-14.03	232.58	-15.16	-28.78	40.98
22979	13.81	-19.09	-9.50	-4.28	-10.75	203.30	-7.03	-42.13	26.70
22980	15.18	-18.02	-9.50	7.34	-3.91	170.46	3.13	-57.88	6.58
22981	16.47	-16.85	-9.50	17.05	7.44	132.06	15.05	-75.74	-20.67
22982	17.66	-15.59	-9.50	25.29	25.39	83.46	29.15	-95.30	-56.01
22983	18.76	-14.25	-9.50	32.36	54.93	15.93	47.58	-115.38	-99.13
22984	19.76	-12.83	-9.50	45.93	106.55	-81.83	74.92	-137.29	-146.80
22985	20.65	-11.34	-9.50	43.89	205.69	-236.17	123.43	-153.72	-203.68
22986	21.43	-9.79	-9.50	258.02	458.92	-506.90	317.31	-365.71	-374.07
22987	0.70	-20.20	-10.50	-40.57	-104.59	449.52	9.42	-7.50	244.50
22988	2.10	-20.10	-10.50	-39.29	-104.87	443.91	8.53	-27.45	241.46
22989	3.49	-19.90	-10.50	-35.68	-105.19	433.49	8.50	-47.18	234.79
22990	4.86	-19.62	-10.50	-29.99	-105.18	418.35	9.77	-66.25	224.65
22991	6.20	-19.23	-10.50	-22.53	-104.43	398.60	12.77	-84.25	211.23
22992	7.52	-18.76	-10.50	-13.65	-102.49	374.40	17.83	-100.84	194.76
22993	8.80	-18.19	-10.50	-3.81	-98.83	345.86	25.23	-115.81	175.51
22994	10.04	-17.54	-10.50	6.51	-92.82	313.11	35.18	-129.06	153.74
22995	11.23	-16.80	-10.50	16.71	-83.67	276.27	47.81	-140.64	129.67
22996	12.37	-15.98	-10.50	26.09	-70.53	235.49	63.17	-150.65	103.41
22997	13.44	-15.08	-10.50	33.91	-52.25	191.10	80.99	-159.01	75.32
22998	14.46	-14.11	-10.50	39.81	-28.66	143.29	100.83	-165.45	46.06
22999	15.40	-13.08	-10.50	43.72	0.37	91.87	122.60	-169.08	17.29
23000	16.27	-11.98	-10.50	45.58	34.99	36.36	146.79	-168.92	-7.71
23001	17.06	-10.82	-10.50	44.46	73.58	-23.15	173.38	-164.24	-25.69
23002	17.76	-9.62	-10.50	39.69	114.39	-84.62	203.14	-153.68	-33.48
23003	0.74	-21.03	-10.50	-52.44	-69.11	444.22	5.17	-6.78	248.86
23004	2.22	-20.93	-10.50	-50.44	-70.37	438.22	1.94	-24.54	245.84
23005	3.69	-20.72	-10.50	-45.73	-72.17	427.33	-0.51	-42.49	239.37
23006	5.14	-20.41	-10.50	-38.72	-73.93	411.77	-1.48	-60.17	229.69
23007	6.57	-19.99	-10.50	-29.75	-75.19	391.71	-0.32	-77.11	216.93
23008	7.96	-19.48	-10.50	-19.24	-75.45	367.30	3.38	-93.01	201.16
23009	9.32	-18.87	-10.50	-7.73	-74.03	338.64	9.92	-107.73	182.49
23010	10.62	-18.17	-10.50	4.10	-70.13	305.87	19.50	-121.25	160.99
23011	11.88	-17.37	-10.50	15.48	-62.76	269.11	32.19	-133.66	136.70
23012	13.07	-16.49	-10.50	25.58	-50.75	228.44	47.85	-145.06	109.63
23013	14.20	-15.53	-10.50	33.72	-33.06	183.77	66.10	-155.46	79.94
23014	15.26	-14.48	-10.50	39.67	-8.93	134.57	86.59	-164.53	48.50
23015	16.24	-13.37	-10.50	43.60	22.10	79.66	109.35	-171.73	17.69
23016	17.14	-12.19	-10.50	45.19	59.91	17.82	134.77	-176.44	-8.56
23017	17.95	-10.95	-10.50	42.65	103.90	-50.06	163.65	-177.28	-24.93
23018	18.68	-9.66	-10.50	31.30	151.40	-119.43	196.89	-170.90	-25.74
23019	0.78	-21.87	-10.50	-64.04	-37.31	434.39	2.16	-4.79	217.63
23020	2.35	-21.76	-10.50	-61.04	-39.47	426.99	-2.69	-17.44	214.28
23021	3.90	-21.54	-10.50	-55.32	-42.51	414.97	-7.25	-31.39	208.36
23022	5.43	-21.20	-10.50	-47.39	-45.52	398.92	-10.18	-45.64	200.31
23023	6.94	-20.76	-10.50	-37.39	-48.16	378.80	-10.64	-59.64	189.85
23024	8.41	-20.20	-10.50	-25.69	-49.92	354.56	-8.21	-73.23	176.73
23025	9.83	-19.55	-10.50	-12.95	-50.04	326.25	-2.62	-86.41	160.77
23026	11.20	-18.79	-10.50	0.01	-47.55	293.99	6.26	-99.28	141.79
23027	12.52	-17.94	-10.50	12.30	-41.35	257.90	18.41	-111.91	119.52
23028	13.77	-17.00	-10.50	23.09	-30.19	217.88	33.57	-124.42	93.71
23029	14.95	-15.97	-10.50	31.80	-12.88	173.35	51.35	-136.81	64.29
23030	16.06	-14.85	-10.50	38.40	11.73	122.83	71.58	-148.94	32.10
23031	17.08	-13.67	-10.50	43.29	44.84	63.72	94.75	-160.61	-0.34
23032	18.01	-12.41	-10.50	47.58	87.53	-6.74	121.94	-171.31	-27.99
23033	18.85	-11.08	-10.50	46.26	138.78	-89.01	152.06	-179.61	-42.96
23034	19.60	-9.70	-10.50	25.68	200.69	-173.82	188.03	-180.75	-33.07
23035	0.83	-22.71	-10.50	-75.88	-14.01	429.70	-0.05	-1.58	154.36
23036	2.47	-22.59	-10.50	-71.47	-16.09	418.77	-5.80	-6.40	150.97
23037	4.11	-22.35	-10.50	-64.86	-19.46	404.09	-11.86	-14.73	146.34
23038	5.72	-21.99	-10.50	-56.54	-22.94	387.12	-16.19	-23.99	141.15
23039	7.30	-21.52	-10.50	-45.97	-26.15	366.88	-17.83	-33.45	134.53
23040	8.85	-20.93	-10.50	-33.48	-28.60	342.77	-16.45	-43.40	125.77
23041	10.35	-20.23	-10.50	-19.83	-29.43	314.76	-11.86	-54.09	114.38
23042	11.79	-19.42	-10.50	-5.94	-27.64	282.98	-3.94	-65.67	99.84
23043	13.17	-18.52	-10.50	7.28	-22.06	247.48	7.19	-78.23	81.51
23044	14.48	-17.51	-10.50	19.02	-11.45	207.99	21.23	-91.78	58.72
23045	15.71	-16.41	-10.50	28.80	5.51	163.42	37.88	-106.23	31.04
23046	16.86	-15.22	-10.50	36.68	30.55	111.25	57.23	-121.37	-1.14
23047	17.92	-13.96	-10.50	43.57	66.31	47.08	80.29	-136.83	-35.42
23048	18.89	-12.62	-10.50	50.16	116.48	-35.07	109.45	-151.78	-66.66
23049	19.75	-11.21	-10.50	66.26	184.24	-143.89	147.99	-167.45	-84.40
23050	20.51	-9.75	-10.50	25.73	268.35	-267.75	175.79	-176.05	-61.21
23051	0.87	-23.55	-10.50	-86.76	-2.67	440.96	-2.22	1.79	59.87
23052	2.60	-23.42	-10.50	-81.42	-3.85	426.00	-8.48	6.88	58.93
23053	4.32	-23.17	-10.50	-74.40	-6.40	407.65	-14.62	6.10	57.82
23054	6.01	-22.78	-10.50	-66.03	-9.40	389.06	-19.11	3.40	56.92
23055	7.67	-22.28	-10.50	-55.26	-12.27	368.12	-21.20	-0.25	55.43
23056	9.29	-21.65	-10.50	-42.32	-14.42	343.50	-20.48	-5.63	52.45
23057	10.86	-20.91	-10.50	-28.08	-15.01	315.09	-16.71	-13.25	47.15
23058	12.37	-20.05	-10.50	-13.42	-13.02	283.05	-9.81	-23.34	38.57
23059	13.81	-19.09	-10.50	0.75	-7.38	247.39	0.10	-35.95	25.62
23060	15.18	-18.02	-10.50	13.65	3.08	207.68	12.73	-50.86	7.14
23061	16.47	-16.85	-10.50	24.87	19.82	162.39	27.89	-67.55	-17.79
23062	17.66	-15.59	-10.50	34.50	45.21	108.14	45.84	-84.96	-49.31
23063	18.76	-14.25	-10.50	43.03	83.61	38.59	68.00	-101.54	-85.46
23064	19.76	-12.83	-10.50	52.96	143.73	-54.80	97.24	-115.14	-122.37
23065	20.65	-11.34	-10.50	65.08	244.13	-199.77	146.57	-126.92	-153.95
23066	21.43	-9.79	-10.50	114.04	484.30	-541.08	282.05	-192.01	-215.23
23067	-11.69	-9.49	-9.50	100.85	0.03	8.68	-43.27	52.94	-150.92

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]
23068	-12.72	-9.44	-9.50	98.89	2.88	-3.38	-48.07	50.06	-135.65
23069	-13.76	-9.39	-9.50	97.26	5.70	-17.84	-52.24	44.69	-119.89
23070	-11.91	-10.47	-9.50	89.02	-19.54	59.88	-42.35	67.42	-114.21
23071	-12.81	-10.33	-9.50	89.40	-14.47	42.31	-46.26	64.10	-105.27
23072	-13.70	-10.18	-9.50	89.93	-9.29	23.10	-49.76	58.12	-96.22
23073	-12.11	-11.46	-9.50	78.58	-36.67	108.06	-40.10	81.00	-74.07
23074	-12.88	-11.21	-9.50	80.78	-29.97	85.51	-43.47	77.33	-72.47
23075	-13.63	-10.96	-9.50	83.00	-23.02	62.04	-46.50	71.07	-70.13
23076	-0.57	-9.89	-9.50	113.93	-20.35	43.54	38.09	5.63	-242.61
23077	-1.70	-9.88	-9.50	114.48	-20.34	44.14	27.93	12.60	-240.16
23078	-2.84	-9.86	-9.50	114.52	-19.64	44.43	18.09	19.40	-236.01
23079	-3.96	-9.83	-9.50	114.07	-18.38	44.25	8.61	26.01	-230.19
23080	-5.08	-9.80	-9.50	113.13	-16.61	43.39	-0.43	32.33	-222.79
23081	-6.20	-9.76	-9.50	111.73	-14.42	41.62	-8.98	38.24	-213.90
23082	-7.31	-9.71	-9.50	109.92	-11.89	38.66	-17.00	43.57	-203.61
23083	-8.42	-9.66	-9.50	107.79	-9.09	34.17	-24.46	48.06	-192.06
23084	-9.52	-9.60	-9.50	105.44	-6.11	27.77	-31.34	51.38	-179.38
23085	-10.62	-9.54	-9.50	103.05	-2.94	19.05	-37.65	53.11	-165.83
23086	-0.60	-11.68	-9.50	80.17	-61.32	161.99	30.94	6.26	-169.99
23087	-1.80	-11.64	-9.50	81.35	-60.49	160.19	21.74	16.95	-168.66
23088	-2.99	-11.58	-9.50	82.47	-58.67	156.93	12.83	27.17	-166.10
23089	-4.16	-11.50	-9.50	83.53	-55.95	152.07	4.28	36.77	-162.43
23090	-5.32	-11.40	-9.50	84.50	-52.39	145.42	-3.87	45.55	-157.73
23091	-6.47	-11.28	-9.50	85.37	-48.11	136.79	-11.60	53.33	-152.12
23092	-7.60	-11.15	-9.50	86.17	-43.18	125.96	-18.85	59.87	-145.70
23093	-8.72	-10.99	-9.50	86.90	-37.70	112.70	-25.60	64.87	-138.61
23094	-9.83	-10.82	-9.50	87.64	-31.73	96.83	-31.83	67.96	-131.03
23095	-10.92	-10.63	-9.50	88.42	-25.31	78.22	-37.55	68.73	-123.13
23096	-0.63	-13.48	-9.50	50.92	-95.34	279.82	23.94	7.46	-83.64
23097	-1.88	-13.42	-9.50	52.35	-93.95	275.93	16.02	21.92	-83.58
23098	-3.11	-13.32	-9.50	54.20	-91.34	269.13	8.39	35.55	-83.11
23099	-4.33	-13.19	-9.50	56.42	-87.57	259.34	1.06	48.08	-82.29
23100	-5.53	-13.03	-9.50	58.97	-82.72	246.46	-5.95	59.25	-81.21
23101	-6.70	-12.83	-9.50	61.81	-76.85	230.37	-12.62	68.77	-79.96
23102	-7.86	-12.61	-9.50	64.90	-70.05	211.01	-18.95	76.35	-78.64
23103	-8.99	-12.35	-9.50	68.24	-62.39	188.38	-24.92	81.65	-77.35
23104	-10.11	-12.06	-9.50	71.77	-53.98	162.61	-30.54	84.32	-76.17
23105	-11.19	-11.74	-9.50	75.41	-44.82	133.99	-35.77	83.75	-75.39
23106	-0.65	-15.28	-9.50	25.48	-118.81	385.36	17.59	9.15	15.51
23107	-1.95	-15.20	-9.50	26.97	-117.13	379.93	11.35	27.21	14.08
23108	-3.22	-15.07	-9.50	29.33	-114.13	370.05	5.39	44.10	11.91
23109	-4.47	-14.90	-9.50	32.52	-109.86	355.76	-0.34	59.43	8.99
23110	-5.71	-14.67	-9.50	36.45	-104.37	337.07	-5.87	72.81	5.30
23111	-6.91	-14.40	-9.50	41.06	-97.72	314.07	-11.24	83.87	0.86
23112	-8.09	-14.08	-9.50	46.27	-89.95	286.88	-16.49	92.26	-4.31
23113	-9.24	-13.72	-9.50	51.95	-81.12	255.78	-21.65	97.67	-10.19
23114	-10.36	-13.31	-9.50	57.95	-71.28	221.21	-26.78	99.78	-16.72
23115	-11.45	-12.86	-9.50	64.01	-60.55	183.81	-31.86	98.22	-23.60
23116	-0.67	-17.07	-9.50	2.88	-125.54	461.24	12.39	10.92	120.76
23117	-1.99	-16.99	-9.50	4.40	-123.99	455.15	8.48	31.89	117.77
23118	-3.30	-16.84	-9.50	7.27	-121.30	443.53	4.76	51.43	112.56
23119	-4.59	-16.62	-9.50	11.41	-117.49	426.47	1.09	69.03	105.23
23120	-5.85	-16.34	-9.50	16.71	-112.58	404.16	-2.63	84.17	95.94
23121	-7.09	-15.99	-9.50	23.02	-106.58	376.81	-6.51	96.43	84.89
23122	-8.29	-15.58	-9.50	30.18	-99.47	344.72	-10.68	105.41	72.31
23123	-9.46	-15.11	-9.50	37.97	-91.20	308.31	-15.22	110.84	58.46
23124	-10.60	-14.58	-9.50	46.11	-81.74	268.15	-20.18	112.52	43.60
23125	-11.69	-14.00	-9.50	54.25	-71.06	224.99	-25.54	110.25	28.03
23126	-0.68	-18.88	-9.50	-17.61	-110.26	492.03	8.74	11.90	213.60
23127	-2.02	-18.79	-9.50	-15.98	-109.39	486.46	7.81	34.04	209.47
23128	-3.36	-18.61	-9.50	-12.53	-108.04	475.32	6.88	54.71	201.81
23129	-4.68	-18.35	-9.50	-7.39	-106.16	458.70	5.70	73.35	190.86
23130	-5.97	-18.01	-9.50	-0.75	-103.65	436.73	4.04	89.41	176.91
23131	-7.23	-17.59	-9.50	7.16	-100.38	409.62	1.68	102.41	160.34
23132	-8.47	-17.09	-9.50	16.08	-96.15	377.58	-1.54	111.95	141.57
23133	-9.66	-16.51	-9.50	25.69	-90.74	340.91	-5.74	117.73	121.00
23134	-10.81	-15.87	-9.50	35.61	-83.89	300.02	-10.96	119.57	99.06
23135	-11.91	-15.15	-9.50	45.44	-75.36	255.48	-17.13	117.43	76.19
23136	-16.80	-9.56	-9.50	88.82	11.88	-49.88	-59.12	15.41	-61.35
23137	-16.19	-10.65	-9.50	82.94	-7.29	6.84	-52.76	42.51	-41.30
23138	-15.52	-11.69	-9.50	76.91	-24.58	61.08	-45.75	65.81	-18.66
23139	-15.79	-9.48	-9.50	92.85	9.52	-40.72	-57.89	27.33	-81.69
23140	-15.37	-10.42	-9.50	86.26	-7.64	9.59	-52.85	48.73	-61.12
23141	-14.91	-11.34	-9.50	79.79	-23.13	57.46	-47.26	67.58	-38.35
23142	-14.78	-9.40	-9.50	95.53	7.89	-30.65	-55.74	36.83	-101.14
23143	-14.55	-10.21	-9.50	89.14	-7.12	12.09	-52.12	52.89	-81.06
23144	-14.30	-11.00	-9.50	82.52	-20.99	52.73	-47.96	67.72	-58.74
23145	-12.93	-14.37	-9.50	54.57	-65.26	209.10	-23.84	111.18	52.62
23146	-12.65	-13.39	-9.50	61.54	-60.10	182.85	-30.93	104.43	12.11
23147	-12.36	-12.43	-9.50	69.10	-50.78	149.44	-36.18	93.81	-30.42
23148	-13.86	-13.54	-9.50	62.79	-53.60	161.63	-30.96	100.58	29.05
23149	-13.48	-12.78	-9.50	67.89	-49.07	142.54	-36.16	95.69	-3.40
23150	-13.10	-12.03	-9.50	73.44	-41.95	119.08	-40.08	88.22	-37.19
23151	-14.74	-12.66	-9.50	69.98	-40.39	112.42	-38.29	85.96	5.85
23152	-14.28	-12.13	-9.50	73.47	-37.19	101.40	-41.42	83.54	-18.51
23153	-13.81	-11.61	-9.50	77.50	-32.46	88.16	-43.88	79.42	-44.21
23154	-11.69	-9.49	-10.50	127.75	-11.26	-20.47	-56.69	52.90	-121.21
23155	-12.72	-9.44	-10.50	126.54	-5.49	-29.00	-63.28	49.22	-107.44
23156	-13.76	-9.39	-10.50	125.18	0.19	-39.61	-69.12	43.12	-93.43
23157	-11.91	-10.47	-10.50	113.41	-34.60	26.59	-54.69	64.98	-87.98
23158	-12.81	-10.33	-10.50	114.81	-26.51	12.82	-60.25	61.18	-80.13
23159	-13.70	-10.18	-10.50	116.02	-18.30	-2.29	-65.35	54.91	-72.28
23160	-12.11	-11.46	-10.50	100.87	-54.55	71.60	-51.21	76.00	-51.86
23161	-12.88	-11.21	-10.50	104.27	-44.96	52.86	-56.11	72.28	-50.68
23162	-13.63	-10.96	-10.50	107.34	-35.31	33.45	-60.87	66.17	-48.97
23163	-0.57	-9.89	-10.50	120.21	-49.03	2.37	45.24	8.26	-205.08
23164	-1.70	-9.88	-10.50	122.66	-48.90	3.10	32.78	14.95	-202.92
23165	-2.84	-9.86	-10.50	124.73	-47.68	3.60	20.67	21.52	-199.19
23166	-3.96	-9.83	-10.50	126.41	-45.50	3.75	8.98	27.92	-193.91

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]
23167	-5.08	-9.80	-10.50	127.72	-42.45	3.39	-2.21	34.06	-187.15
23168	-6.20	-9.76	-10.50	128.65	-38.61	2.33	-12.85	39.83	-179.02
23169	-7.31	-9.71	-10.50	129.22	-34.07	0.36	-22.88	45.01	-169.59
23170	-8.42	-9.66	-10.50	129.41	-28.93	-2.72	-32.28	49.33	-158.97
23171	-9.52	-9.60	-10.50	129.22	-23.30	-7.16	-41.05	52.40	-147.31
23172	-10.62	-9.54	-10.50	128.65	-17.24	-13.26	-49.24	53.72	-134.88
23173	-0.60	-11.68	-10.50	80.09	-98.27	110.54	37.68	8.91	-138.27
23174	-1.80	-11.64	-10.50	83.39	-97.22	109.16	26.49	18.90	-137.15
23175	-2.99	-11.58	-10.50	86.83	-94.66	106.48	15.62	28.48	-134.86
23176	-4.16	-11.50	-10.50	90.37	-90.67	102.42	5.12	37.49	-131.50
23177	-5.32	-11.40	-10.50	93.98	-85.39	96.82	-4.94	45.75	-127.20
23178	-6.47	-11.28	-10.50	97.62	-78.92	89.53	-14.55	53.06	-122.06
23179	-7.60	-11.15	-10.50	101.23	-71.40	80.41	-23.66	59.15	-116.20
23180	-8.72	-10.99	-10.50	104.76	-62.96	69.34	-32.27	63.74	-109.78
23181	-9.83	-10.82	-10.50	108.12	-53.71	56.26	-40.39	66.42	-102.96
23182	-10.92	-10.63	-10.50	111.19	-43.77	41.16	-48.08	66.76	-95.93
23183	-0.63	-13.48	-10.50	46.06	-135.40	218.85	30.38	10.00	-59.58
23184	-1.88	-13.42	-10.50	49.74	-133.87	215.68	20.92	23.34	-59.65
23185	-3.11	-13.32	-10.50	54.11	-130.56	209.91	11.74	35.91	-59.28
23186	-4.33	-13.19	-10.50	59.07	-125.55	201.49	2.83	47.46	-58.56
23187	-5.53	-13.03	-10.50	64.55	-118.95	190.34	-5.80	57.70	-57.59
23188	-6.70	-12.83	-10.50	70.44	-110.88	176.40	-14.13	66.36	-56.48
23189	-7.86	-12.61	-10.50	76.66	-101.46	159.60	-22.18	73.13	-55.31
23190	-8.99	-12.35	-10.50	83.09	-90.79	140.01	-29.99	77.72	-54.19
23191	-10.11	-12.06	-10.50	89.55	-79.00	117.81	-37.58	79.81	-53.25
23192	-11.19	-11.74	-10.50	95.82	-66.14	93.40	-44.95	78.88	-52.78
23193	-0.65	-15.28	-10.50	17.78	-156.47	317.01	23.76	11.38	29.14
23194	-1.95	-15.20	-10.50	21.57	-154.88	312.58	16.52	27.83	27.69
23195	-3.22	-15.07	-10.50	26.54	-151.47	304.22	9.46	43.19	25.60
23196	-4.47	-14.90	-10.50	32.58	-146.34	291.96	2.53	57.06	22.84
23197	-5.71	-14.67	-10.50	39.57	-139.58	275.83	-4.32	69.09	19.41
23198	-6.91	-14.40	-10.50	47.35	-131.25	255.87	-11.16	78.90	15.33
23199	-8.09	-14.08	-10.50	55.77	-121.44	232.18	-18.05	86.17	10.64
23200	-9.24	-13.72	-10.50	64.64	-110.18	204.98	-25.05	90.64	5.37
23201	-10.36	-13.31	-10.50	73.69	-97.48	174.67	-32.26	92.13	-0.46
23202	-11.45	-12.86	-10.50	82.51	-83.39	141.92	-39.66	90.40	-6.66
23203	-0.67	-17.07	-10.50	-5.44	-157.92	392.82	18.19	12.58	120.71
23204	-1.99	-16.99	-10.50	-1.70	-156.67	387.87	13.68	31.39	117.90
23205	-3.30	-16.84	-10.50	3.68	-153.95	378.02	9.23	48.87	113.11
23206	-4.59	-16.62	-10.50	10.57	-149.81	363.35	4.65	64.54	106.46
23207	-5.85	-16.34	-10.50	18.80	-144.29	344.00	-0.19	77.94	98.09
23208	-7.09	-15.99	-10.50	28.14	-137.38	320.12	-5.41	88.67	88.21
23209	-8.29	-15.58	-10.50	38.36	-129.05	291.92	-11.15	96.38	77.09
23210	-9.46	-15.11	-10.50	49.18	-119.21	259.68	-17.51	100.86	64.97
23211	-10.60	-14.58	-10.50	60.26	-107.70	223.85	-24.58	102.04	52.07
23212	-11.69	-14.00	-10.50	71.12	-94.39	185.15	-32.34	99.88	38.52
23213	-0.68	-18.88	-10.50	-24.43	-138.31	436.91	13.86	12.88	199.13
23214	-2.02	-18.79	-10.50	-20.82	-137.81	432.29	12.45	32.45	195.41
23215	-3.36	-18.61	-10.50	-15.18	-136.64	422.59	10.89	50.69	188.65
23216	-4.68	-18.35	-10.50	-7.66	-134.76	407.85	8.90	67.09	179.02
23217	-5.97	-18.01	-10.50	1.49	-132.07	388.17	6.21	81.17	166.81
23218	-7.23	-17.59	-10.50	12.01	-128.39	363.69	2.60	92.50	152.38
23219	-8.47	-17.09	-10.50	23.58	-123.51	334.55	-2.08	100.75	136.11
23220	-9.66	-16.51	-10.50	35.85	-117.16	300.97	-7.98	105.68	118.41
23221	-10.81	-15.87	-10.50	48.40	-108.94	263.22	-15.17	107.19	99.64
23222	-11.91	-15.15	-10.50	60.77	-98.46	221.82	-23.59	105.36	80.07
23223	-16.80	-9.56	-10.50	114.02	13.14	-61.34	-78.33	14.80	-42.38
23224	-16.19	-10.65	-10.50	106.64	-11.23	-8.89	-70.27	39.29	-24.45
23225	-15.52	-11.69	-10.50	99.15	-33.39	41.36	-61.44	60.36	-4.07
23226	-15.79	-9.48	-10.50	119.47	8.66	-55.41	-76.89	25.60	-60.05
23227	-15.37	-10.42	-10.50	111.21	-13.06	-9.47	-70.11	45.03	-41.68
23228	-14.91	-11.34	-10.50	103.16	-32.76	34.46	-62.76	62.09	-21.19
23229	-14.78	-9.40	-10.50	123.08	4.91	-48.74	-73.98	34.82	-76.93
23230	-14.55	-10.21	-10.50	115.02	-13.92	-9.86	-68.85	49.29	-59.05
23231	-14.30	-11.00	-10.50	106.77	-31.38	27.26	-62.98	62.63	-39.12
23232	-12.93	-14.37	-10.50	72.15	-85.82	178.50	-32.75	100.12	59.65
23233	-12.65	-13.39	-10.50	80.64	-80.53	147.24	-40.16	94.79	24.42
23234	-12.36	-12.43	-10.50	89.66	-70.46	111.94	-46.13	86.28	-12.94
23235	-13.86	-13.54	-10.50	82.19	-70.86	134.29	-42.30	91.11	38.88
23236	-13.48	-12.78	-10.50	88.63	-66.29	111.06	-47.61	87.17	10.52
23237	-13.10	-12.03	-10.50	95.40	-58.74	85.59	-51.86	81.20	-19.21
23238	-14.74	-12.66	-10.50	90.86	-53.73	88.80	-51.92	78.41	18.09
23239	-14.28	-12.13	-10.50	95.47	-50.83	74.29	-54.96	76.43	-3.20
23240	-13.81	-11.61	-10.50	100.57	-45.68	58.96	-57.46	73.16	-25.89
23241	-17.76	-9.62	-9.50	80.34	16.78	-59.00	-59.74	-2.72	-34.42
23242	-17.06	-10.82	-9.50	76.44	-3.56	-0.13	-52.24	27.73	-15.48
23243	-16.27	-11.98	-9.50	71.62	-21.72	56.45	-43.89	54.58	6.68
23244	-15.40	-13.08	-9.50	65.50	-37.67	110.62	-34.90	76.97	31.46
23245	-14.46	-14.11	-9.50	58.13	-51.01	162.48	-25.81	94.17	57.94
23246	-13.44	-15.08	-9.50	49.41	-61.73	211.92	-16.85	106.38	84.77
23247	-12.37	-15.98	-9.50	39.48	-69.94	258.53	-8.45	113.79	111.57
23248	-11.23	-16.80	-9.50	28.53	-75.44	301.71	-1.10	116.62	137.58
23249	-10.04	-17.54	-9.50	17.10	-78.79	340.84	4.74	115.20	162.33
23250	-8.80	-18.19	-9.50	5.77	-80.47	375.52	8.92	109.76	185.52
23251	-7.52	-18.76	-9.50	-4.93	-80.96	405.52	11.44	100.52	206.72
23252	-6.20	-19.23	-9.50	-14.56	-80.70	430.67	12.41	87.79	225.45
23253	-4.86	-19.62	-9.50	-22.71	-80.05	450.86	12.07	72.01	241.27
23254	-3.49	-19.90	-9.50	-29.06	-79.30	466.00	10.73	53.70	253.77
23255	-2.10	-20.10	-9.50	-33.33	-78.73	476.02	8.79	33.42	262.57
23256	-0.70	-20.20	-9.50	-35.31	-78.59	480.85	6.65	11.75	267.32
23257	-18.68	-9.66	-9.50	65.69	24.95	-65.00	-57.77	-26.57	0.24
23258	-17.95	-10.95	-9.50	64.43	4.33	-8.49	-49.64	3.59	16.04
23259	-17.14	-12.19	-9.50	61.70	-13.72	46.05	-40.43	30.40	34.93
23260	-16.24	-13.37	-9.50	57.42	-28.95	98.16	-30.59	53.13	56.27
23261	-15.26	-14.48	-9.50	51.43	-41.29	147.65	-20.41	71.19	79.39
23262	-14.20	-15.53	-9.50	43.61	-50.59	194.47	-10.27	84.36	103.39
23263	-13.07	-16.49	-9.50	33.94	-56.82	238.40	-0.74	92.91	127.42
23264	-11.88	-17.37	-9.50	22.70	-60.12	278.97	7.55	97.14	150.94
23265	-10.62	-18.17	-9.50	10.42	-60.90	315.73	14.00	97.34	173.51

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]
23266	-9.32	-18.87	-9.50	-2.17	-59.83	348.29	18.28	93.74	194.77
23267	-7.96	-19.48	-9.50	-14.35	-57.54	376.43	20.32	86.56	214.30
23268	-6.57	-19.99	-9.50	-25.50	-54.63	400.00	20.21	76.07	231.71
23269	-5.14	-20.41	-9.50	-35.08	-51.58	418.94	18.19	62.65	246.58
23270	-3.69	-20.72	-9.50	-42.68	-48.77	433.19	14.68	46.79	258.56
23271	-2.22	-20.93	-9.50	-47.93	-46.58	442.66	10.27	29.11	267.28
23272	-0.74	-21.03	-9.50	-50.44	-45.45	447.16	5.64	10.28	272.23
23273	-19.60	-9.70	-9.50	47.63	34.93	-65.16	-52.47	-47.07	37.31
23274	-18.85	-11.08	-9.50	48.57	14.11	-12.11	-44.59	-22.00	47.61
23275	-18.01	-12.41	-9.50	47.74	-3.82	39.44	-35.40	0.61	60.28
23276	-17.08	-13.67	-9.50	45.01	-18.54	88.52	-25.41	20.13	74.86
23277	-16.06	-14.85	-9.50	40.28	-30.00	134.71	-15.00	36.04	91.04
23278	-14.95	-15.97	-9.50	33.40	-38.24	177.97	-4.55	48.11	108.21
23279	-13.77	-17.00	-9.50	24.30	-43.26	218.24	5.34	56.47	125.69
23280	-12.52	-17.94	-9.50	13.23	-45.19	255.29	13.96	61.41	142.93
23281	-11.20	-18.79	-9.50	0.74	-44.48	288.77	20.63	63.21	159.60
23282	-9.83	-19.55	-9.50	-12.41	-41.76	318.40	24.91	62.06	175.38
23283	-8.41	-20.20	-9.50	-25.36	-37.77	343.97	26.59	58.12	189.99
23284	-6.94	-20.76	-9.50	-37.33	-33.19	365.38	25.72	51.56	203.14
23285	-5.43	-21.20	-9.50	-47.70	-28.60	382.65	22.50	42.56	214.57
23286	-3.90	-21.54	-9.50	-56.04	-24.43	395.92	17.40	31.51	224.12
23287	-2.35	-21.76	-9.50	-62.06	-21.11	405.21	11.19	19.11	231.55
23288	-0.78	-21.87	-9.50	-65.15	-19.27	409.90	4.91	6.29	236.14
23289	-20.51	-9.75	-9.50	29.77	45.80	-64.40	-43.58	-60.19	76.37
23290	-19.75	-11.21	-9.50	31.54	25.03	-14.32	-36.75	-44.75	80.03
23291	-18.89	-12.62	-9.50	31.54	7.22	34.77	-28.40	-30.40	84.59
23292	-17.92	-13.96	-9.50	29.61	-7.10	81.27	-19.18	-17.60	90.03
23293	-16.86	-15.22	-9.50	25.54	-18.02	124.56	-9.49	-6.76	96.55
23294	-15.71	-16.41	-9.50	19.20	-25.77	164.67	0.30	1.91	103.93
23295	-14.48	-17.51	-9.50	10.55	-30.42	201.71	9.63	8.50	111.71
23296	-13.17	-18.52	-9.50	-0.21	-32.11	235.58	17.82	13.23	119.53
23297	-11.79	-19.42	-9.50	-12.55	-31.19	266.08	24.16	16.31	127.15
23298	-10.35	-20.23	-9.50	-25.69	-28.24	293.02	28.14	17.88	134.46
23299	-8.85	-20.93	-9.50	-38.74	-23.95	316.23	29.50	17.99	141.33
23300	-7.30	-21.52	-9.50	-50.84	-19.05	335.66	28.19	16.61	147.67
23301	-5.72	-21.99	-9.50	-61.27	-14.13	351.47	24.38	13.66	153.42
23302	-4.11	-22.35	-9.50	-69.70	-9.68	364.19	18.49	9.22	158.64
23303	-2.47	-22.59	-9.50	-76.13	-6.21	374.20	11.39	4.14	163.31
23304	-0.83	-22.71	-9.50	-79.77	-4.36	380.06	4.32	-0.07	166.54
23305	-21.43	-9.79	-9.50	15.41	56.79	-68.14	-31.38	-60.40	116.93
23306	-20.65	-11.34	-9.50	16.21	36.25	-19.49	-26.09	-59.55	113.38
23307	-19.76	-12.83	-9.50	15.66	18.81	29.00	-19.30	-58.15	108.70
23308	-18.76	-14.25	-9.50	13.28	4.93	74.77	-11.61	-56.04	103.25
23309	-17.66	-15.59	-9.50	8.94	-5.61	116.84	-3.48	-53.59	97.89
23310	-16.47	-16.85	-9.50	2.48	-13.26	155.36	4.78	-51.00	92.93
23311	-15.18	-18.02	-9.50	-6.15	-18.22	190.60	12.72	-48.20	88.25
23312	-13.81	-19.09	-9.50	-16.76	-20.59	222.63	19.73	-45.01	83.73
23313	-12.37	-20.05	-9.50	-28.85	-20.59	251.36	25.18	-41.28	79.39
23314	-10.86	-20.91	-9.50	-41.67	-18.66	276.66	28.53	-37.02	75.36
23315	-9.29	-21.65	-9.50	-54.35	-15.37	298.42	29.48	-32.34	71.81
23316	-7.67	-22.28	-9.50	-66.04	-11.38	316.63	27.96	-27.51	68.89
23317	-6.01	-22.78	-9.50	-75.99	-7.28	331.65	24.13	-22.96	66.74
23318	-4.32	-23.17	-9.50	-83.99	-3.59	344.41	18.38	-18.95	65.49
23319	-2.60	-23.42	-9.50	-90.19	-0.84	355.54	11.35	-14.60	65.08
23320	-0.87	-23.55	-9.50	-93.83	0.51	362.66	3.96	-8.17	65.06
23321	-17.76	-9.62	-10.50	103.18	20.87	-66.89	-78.47	-0.98	-18.93
23322	-17.06	-10.82	-10.50	97.97	-4.83	-10.63	-69.70	26.30	-1.96
23323	-16.27	-11.98	-10.50	91.86	-28.12	43.54	-59.92	50.47	17.95
23324	-15.40	-13.08	-10.50	84.49	-48.82	95.43	-49.24	70.44	40.13
23325	-14.46	-14.11	-10.50	75.82	-66.28	145.31	-38.15	85.39	63.70
23326	-13.44	-15.08	-10.50	65.57	-80.42	193.18	-26.93	95.68	87.21
23327	-12.37	-15.98	-10.50	53.78	-91.20	238.47	-16.22	101.77	110.27
23328	-11.23	-16.80	-10.50	40.76	-98.47	280.34	-6.74	104.01	132.42
23329	-10.04	-17.54	-10.50	27.17	-103.05	318.10	0.97	102.70	153.50
23330	-8.80	-18.19	-10.50	13.66	-105.60	351.39	6.80	97.94	173.33
23331	-7.52	-18.76	-10.50	0.80	-106.72	380.03	10.79	89.88	191.54
23332	-6.20	-19.23	-10.50	-10.95	-106.88	403.91	13.06	78.78	207.68
23333	-4.86	-19.62	-10.50	-21.16	-106.45	422.94	13.84	65.00	221.35
23334	-3.49	-19.90	-10.50	-29.49	-105.75	437.05	13.45	48.99	232.17
23335	-2.10	-20.10	-10.50	-35.63	-105.04	446.17	12.30	31.23	239.80
23336	-0.70	-20.20	-10.50	-39.37	-104.62	450.29	10.82	12.21	243.95
23337	-18.68	-9.66	-10.50	84.80	32.35	-69.79	-74.88	-21.89	11.48
23338	-17.95	-10.95	-10.50	82.50	6.78	-12.79	-66.18	5.01	25.59
23339	-17.14	-12.19	-10.50	78.74	-16.04	42.51	-56.23	29.06	42.39
23340	-16.24	-13.37	-10.50	73.58	-35.66	95.26	-45.41	49.36	61.30
23341	-15.26	-14.48	-10.50	66.81	-52.00	145.29	-33.90	65.17	81.77
23342	-14.20	-15.53	-10.50	58.11	-64.77	192.70	-22.03	76.38	102.83
23343	-13.07	-16.49	-10.50	47.33	-73.77	237.23	-10.54	83.44	123.61
23344	-11.88	-17.37	-10.50	34.71	-79.16	278.30	-0.30	86.82	143.74
23345	-10.62	-18.17	-10.50	20.91	-81.50	315.38	7.97	86.81	163.02
23346	-9.32	-18.87	-10.50	6.71	-81.64	348.10	13.93	83.58	181.21
23347	-7.96	-19.48	-10.50	-7.13	-80.30	376.25	17.52	77.28	197.99
23348	-6.57	-19.99	-10.50	-19.95	-78.11	399.71	18.85	68.11	212.97
23349	-5.14	-20.41	-10.50	-31.18	-75.54	418.43	18.13	56.38	225.80
23350	-3.69	-20.72	-10.50	-40.40	-72.95	432.34	15.78	42.50	236.18
23351	-2.22	-20.93	-10.50	-47.28	-70.68	441.33	12.39	27.02	243.77
23352	-0.74	-21.03	-10.50	-51.40	-69.18	445.28	8.68	10.48	248.14
23353	-19.60	-9.70	-10.50	61.87	45.35	-68.80	-66.93	-40.89	44.39
23354	-18.85	-11.08	-10.50	62.28	20.25	-12.10	-59.04	-18.56	53.39
23355	-18.01	-12.41	-10.50	60.98	-1.74	43.30	-49.67	1.67	64.28
23356	-17.08	-13.67	-10.50	57.91	-20.14	95.87	-39.29	19.12	76.81
23357	-16.06	-14.85	-10.50	52.95	-35.02	145.12	-28.13	33.16	90.90
23358	-14.95	-15.97	-10.50	45.83	-46.42	191.21	-16.53	43.58	105.90
23359	-13.77	-17.00	-10.50	36.33	-54.14	234.12	-5.15	50.63	121.03
23360	-12.52	-17.94	-10.50	24.62	-58.26	273.54	5.09	54.73	135.82
23361	-11.20	-18.79	-10.50	11.27	-59.28	309.10	13.38	56.16	150.06
23362	-9.83	-19.55	-10.50	-2.88	-57.95	340.49	19.21	55.12	163.55
23363	-8.41	-20.20	-10.50	-16.95	-55.08	367.49	22.40	51.70	176.07
23364	-6.94	-20.76	-10.50	-30.10	-51.37	389.99	22.96	46.02	187.35

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]
23365	-5.43	-21.20	-10.50	-41.66	-47.40	408.00	21.07	38.19	197.20
23366	-3.90	-21.54	-10.50	-51.21	-43.52	421.67	17.09	28.47	205.55
23367	-2.35	-21.76	-10.50	-58.58	-39.94	431.10	11.83	17.51	212.36
23368	-0.78	-21.87	-10.50	-63.22	-37.45	435.78	6.62	6.33	216.95
23369	-20.51	-9.75	-10.50	38.29	58.81	-69.66	-54.61	-54.71	79.63
23370	-19.75	-11.21	-10.50	40.28	34.67	-12.83	-48.08	-41.10	82.36
23371	-18.89	-12.62	-10.50	40.64	13.79	43.00	-39.94	-28.31	85.39
23372	-17.92	-13.96	-10.50	39.12	-3.16	95.54	-30.75	-16.90	89.17
23373	-16.86	-15.22	-10.50	35.48	-16.60	144.20	-20.77	-7.34	94.23
23374	-15.71	-16.41	-10.50	29.55	-26.81	189.27	-10.31	0.20	100.22
23375	-14.48	-17.51	-10.50	21.14	-33.72	230.90	0.03	5.87	106.57
23376	-13.17	-18.52	-10.50	10.40	-37.34	268.95	9.42	9.94	112.91
23377	-11.79	-19.42	-10.50	-2.17	-38.00	303.21	17.06	12.68	119.05
23378	-10.35	-20.23	-10.50	-15.75	-36.33	333.42	22.35	14.21	124.95
23379	-8.85	-20.93	-10.50	-29.41	-33.09	359.39	25.01	14.56	130.52
23380	-7.30	-21.52	-10.50	-42.23	-28.98	381.04	24.96	13.68	135.69
23381	-5.72	-21.99	-10.50	-53.37	-24.65	398.48	22.30	11.38	140.42
23382	-4.11	-22.35	-10.50	-62.47	-20.42	412.38	17.26	7.45	144.97
23383	-2.47	-22.59	-10.50	-69.99	-16.56	423.81	10.75	2.65	149.82
23384	-0.83	-22.71	-10.50	-75.38	-14.15	431.39	4.77	-0.42	153.92
23385	-21.43	-9.79	-10.50	19.36	71.49	-80.22	-38.68	-57.89	117.11
23386	-20.65	-11.34	-10.50	20.73	48.62	-20.67	-33.89	-57.61	113.13
23387	-19.76	-12.83	-10.50	20.98	29.17	38.54	-27.59	-56.45	107.26
23388	-18.76	-14.25	-10.50	19.55	13.76	93.70	-20.36	-54.50	100.60
23389	-17.66	-15.59	-10.50	16.20	1.68	144.10	-12.46	-52.32	94.50
23390	-16.47	-16.85	-10.50	10.68	-7.69	190.30	-4.09	-50.06	89.08
23391	-15.18	-18.02	-10.50	2.84	-14.39	232.65	4.30	-47.59	84.00
23392	-13.81	-19.09	-10.50	-7.20	-18.38	271.17	12.03	-44.68	79.10
23393	-12.37	-20.05	-10.50	-18.93	-19.83	305.73	18.36	-41.14	74.38
23394	-10.86	-20.91	-10.50	-31.60	-19.12	336.17	22.69	-36.97	69.98
23395	-9.29	-21.65	-10.50	-44.32	-16.85	362.34	24.67	-32.30	66.09
23396	-7.67	-22.28	-10.50	-56.20	-13.66	384.18	24.20	-27.39	62.86
23397	-6.01	-22.78	-10.50	-66.32	-10.18	401.92	21.35	-22.79	60.46
23398	-4.32	-23.17	-10.50	-74.37	-6.81	417.04	16.40	-19.29	59.18
23399	-2.60	-23.42	-10.50	-81.31	-4.04	431.70	10.00	-15.93	59.29
23400	-0.87	-23.55	-10.50	-86.71	-2.72	442.88	3.62	-8.77	59.92
23401	0.62	-1.65	-11.67	416.10	338.02	-455.92	101.55	19.39	-259.89
23402	1.85	-1.65	-11.67	409.34	337.67	-458.03	125.43	28.62	-258.23
23403	3.08	-1.65	-11.67	399.37	336.93	-459.84	149.63	38.06	-254.49
23404	4.31	-1.65	-11.67	386.16	335.85	-461.38	174.01	47.54	-248.62
23405	5.55	-1.65	-11.67	369.76	334.48	-462.69	198.46	56.88	-240.55
23406	6.78	-1.65	-11.67	350.27	332.90	-463.85	222.86	65.95	-230.20
23407	8.01	-1.65	-11.67	327.83	331.17	-464.94	247.13	74.63	-217.49
23408	9.25	-1.65	-11.67	302.64	329.38	-466.04	271.22	82.85	-202.31
23409	10.48	-1.65	-11.67	274.93	327.56	-467.15	295.05	90.51	-184.52
23410	11.71	-1.65	-11.67	245.00	325.75	-468.23	318.53	97.48	-163.97
23411	12.94	-1.65	-11.67	213.11	323.99	-469.05	341.52	103.50	-140.48
23412	14.18	-1.65	-11.67	179.49	322.33	-469.23	363.81	108.11	-113.81
23413	15.41	-1.65	-11.67	144.34	320.85	-468.21	385.21	110.51	-83.71
23414	16.64	-1.65	-11.67	107.84	319.65	-465.33	405.51	109.58	-49.90
23415	17.87	-1.65	-11.67	70.14	318.77	-459.96	424.52	103.86	-11.98
23416	19.11	-1.65	-11.67	31.35	317.97	-451.61	442.38	91.99	30.83
23417	0.62	-0.55	-11.67	458.71	403.70	-513.05	102.35	21.76	-258.48
23418	1.85	-0.55	-11.67	451.99	402.53	-515.25	126.10	33.25	-256.84
23419	3.09	-0.55	-11.67	441.70	400.57	-517.18	150.21	45.04	-253.13
23420	4.33	-0.55	-11.67	427.81	397.84	-518.87	174.55	56.94	-247.28
23421	5.56	-0.55	-11.67	410.38	394.40	-520.38	199.01	68.80	-239.22
23422	6.80	-0.55	-11.67	389.53	390.32	-521.80	223.50	80.49	-228.86
23423	8.04	-0.55	-11.67	365.41	385.68	-523.22	247.93	91.91	-216.07
23424	9.27	-0.55	-11.67	338.23	380.55	-524.70	272.24	102.98	-200.73
23425	10.51	-0.55	-11.67	308.25	375.01	-526.25	296.35	113.62	-182.67
23426	11.75	-0.55	-11.67	275.75	369.12	-527.72	320.15	123.69	-161.69
23427	12.98	-0.55	-11.67	241.01	362.93	-528.81	343.49	132.94	-137.56
23428	14.22	-0.55	-11.67	204.28	356.50	-529.87	366.18	140.86	-110.02
23429	15.46	-0.55	-11.67	165.82	349.82	-527.46	388.00	146.57	-78.81
23430	16.69	-0.55	-11.67	125.99	342.85	-523.43	408.75	148.77	-43.66
23431	17.93	-0.55	-11.67	85.26	335.46	-516.16	428.20	145.77	-4.23
23432	19.17	-0.55	-11.67	44.32	327.31	-505.28	446.40	135.87	40.23
23433	0.62	0.55	-11.67	500.67	469.83	-571.71	102.13	24.07	-255.90
23434	1.85	0.55	-11.67	494.05	467.85	-574.01	125.36	37.78	-254.32
23435	3.09	0.55	-11.67	483.52	464.65	-576.08	148.98	51.87	-250.69
23436	4.33	0.55	-11.67	469.07	460.27	-577.96	172.86	66.16	-244.92
23437	5.56	0.55	-11.67	450.77	454.75	-579.72	196.91	80.52	-236.93
23438	6.80	0.55	-11.67	428.74	448.16	-581.46	221.04	94.82	-226.61
23439	8.04	0.55	-11.67	403.14	440.57	-583.28	245.18	109.00	-213.82
23440	9.27	0.55	-11.67	374.21	432.07	-585.22	269.26	122.97	-198.39
23441	10.51	0.55	-11.67	342.20	422.77	-587.26	293.21	136.66	-180.13
23442	11.75	0.55	-11.67	307.38	412.75	-589.19	316.90	149.94	-158.82
23443	12.98	0.55	-11.67	270.03	402.09	-590.60	340.15	162.54	-134.23
23444	14.22	0.55	-11.67	230.45	390.81	-590.80	362.73	173.91	-106.10
23445	15.46	0.55	-11.67	188.96	378.86	-588.84	384.38	183.09	-74.20
23446	16.69	0.55	-11.67	146.07	366.06	-583.70	404.82	188.57	-38.33
23447	17.93	0.55	-11.67	102.57	352.12	-574.57	423.75	188.44	1.77
23448	19.17	0.55	-11.67	59.72	336.59	-561.21	441.17	180.68	46.76
23449	0.62	1.65	-11.67	541.59	533.27	-628.93	100.92	26.30	-251.96
23450	1.85	1.65	-11.67	535.10	530.49	-631.33	123.25	42.14	-250.47
23451	3.08	1.65	-11.67	524.41	526.10	-633.57	145.97	58.45	-246.95
23452	4.31	1.65	-11.67	509.51	520.11	-635.68	168.97	75.06	-241.30
23453	5.55	1.65	-11.67	490.48	512.57	-637.75	192.17	91.86	-233.43
23454	6.78	1.65	-11.67	467.44	503.53	-639.89	215.50	108.75	-223.20
23455	8.01	1.65	-11.67	440.59	493.07	-642.19	238.90	125.65	-210.44
23456	9.25	1.65	-11.67	410.15	481.27	-644.68	262.31	142.53	-194.97
23457	10.48	1.65	-11.67	376.37	468.27	-647.27	285.65	159.29	-176.57
23458	11.71	1.65	-11.67	339.51	454.20	-649.71	308.78	175.80	-155.04
23459	12.94	1.65	-11.67	299.84	439.15	-651.46	331.48	191.78	-130.14
23460	14.18	1.65	-11.67	257.66	423.15	-651.66	353.46	206.61	-101.69
23461	15.41	1.65	-11.67	213.35	406.09	-649.19	374.35	219.25	-69.53
23462	16.64	1.65	-11.67	167.54	387.69	-642.89	393.76	228.04	-33.56
23463	17.87	1.65	-11.67	121.33	367.51	-631.88	411.30	230.83	6.37

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]
23464	19.11	1.65	-11.67	76.47	345.04	-616.07	426.91	225.31	50.78
23465	0.62	-1.65	-13.00	489.39	402.57	-446.54	120.26	14.21	-138.49
23466	1.85	-1.65	-13.00	480.14	402.33	-448.38	151.76	19.89	-137.42
23467	3.08	-1.65	-13.00	467.37	401.85	-450.10	183.68	25.75	-135.00
23468	4.31	-1.65	-13.00	450.96	401.19	-451.71	215.84	31.69	-131.17
23469	5.55	-1.65	-13.00	430.88	400.41	-453.23	248.06	37.60	-125.87
23470	6.78	-1.65	-13.00	407.13	399.59	-454.70	280.18	43.41	-119.03
23471	8.01	-1.65	-13.00	379.74	398.79	-456.14	312.04	49.06	-110.55
23472	9.25	-1.65	-13.00	348.81	398.08	-457.60	343.48	54.52	-100.34
23473	10.48	-1.65	-13.00	314.49	397.48	-459.07	374.33	59.72	-88.27
23474	11.71	-1.65	-13.00	276.99	396.97	-460.53	404.36	64.58	-74.20
23475	12.94	-1.65	-13.00	236.63	396.54	-461.88	433.28	68.87	-57.98
23476	14.18	-1.65	-13.00	193.82	396.18	-462.94	460.75	72.21	-39.46
23477	15.41	-1.65	-13.00	149.13	395.92	-463.45	486.39	73.93	-18.44
23478	16.64	-1.65	-13.00	103.39	395.82	-463.13	509.87	73.09	5.20
23479	17.87	-1.65	-13.00	57.87	395.86	-461.67	530.83	68.38	31.38
23480	19.11	-1.65	-13.00	14.09	396.17	-458.66	547.75	58.16	60.84
23481	0.62	-0.55	-13.00	543.17	490.30	-500.77	121.25	15.57	-136.35
23482	1.85	-0.55	-13.00	534.03	489.05	-502.66	152.79	22.69	-135.30
23483	3.09	-0.55	-13.00	520.95	487.06	-504.44	184.79	30.06	-132.91
23484	4.33	-0.55	-13.00	503.81	484.37	-506.13	217.09	37.57	-129.10
23485	5.56	-0.55	-13.00	482.58	481.01	-507.75	249.51	45.13	-123.82
23486	6.80	-0.55	-13.00	457.24	477.04	-509.36	281.89	52.67	-116.97
23487	8.04	-0.55	-13.00	427.85	472.51	-510.97	314.09	60.16	-108.45
23488	9.27	-0.55	-13.00	394.48	467.44	-512.64	345.92	67.56	-98.14
23489	10.51	-0.55	-13.00	357.28	461.88	-514.34	377.19	74.83	-85.88
23490	11.75	-0.55	-13.00	316.46	455.82	-516.02	407.66	81.87	-71.50
23491	12.98	-0.55	-13.00	272.31	449.23	-517.53	437.01	88.45	-54.83
23492	14.22	-0.55	-13.00	225.28	442.09	-518.61	464.91	94.14	-35.66
23493	15.46	-0.55	-13.00	176.06	434.36	-518.94	490.99	98.22	-13.82
23494	16.69	-0.55	-13.00	125.69	425.96	-518.14	514.90	99.61	10.81
23495	17.93	-0.55	-13.00	75.71	416.77	-515.86	536.23	96.93	38.11
23496	19.17	-0.55	-13.00	28.13	406.65	-511.75	553.38	88.52	68.74
23497	0.62	0.55	-13.00	595.71	575.17	-557.97	121.02	16.97	-135.30
23498	1.85	0.55	-13.00	586.75	572.91	-559.91	152.13	25.50	-134.29
23499	3.09	0.55	-13.00	573.46	569.41	-561.76	183.72	34.34	-131.94
23500	4.33	0.55	-13.00	555.73	564.67	-563.54	215.64	43.40	-128.18
23501	5.56	0.55	-13.00	533.52	558.72	-565.29	247.72	52.59	-122.93
23502	6.80	0.55	-13.00	506.81	551.57	-567.05	279.81	61.87	-116.10
23503	8.04	0.55	-13.00	475.64	543.25	-568.87	311.76	71.22	-107.54
23504	9.27	0.55	-13.00	440.09	533.79	-570.76	343.38	80.60	-97.12
23505	10.51	0.55	-13.00	400.28	523.20	-572.72	374.48	89.99	-84.68
23506	11.75	0.55	-13.00	356.40	511.48	-574.63	404.77	99.29	-70.02
23507	12.98	0.55	-13.00	308.74	498.63	-576.31	433.94	108.25	-52.97
23508	14.22	0.55	-13.00	257.79	484.56	-577.43	461.59	116.40	-33.33
23509	15.46	0.55	-13.00	204.33	469.15	-577.58	487.33	122.93	-10.96
23510	16.69	0.55	-13.00	149.61	452.26	-576.30	510.77	126.67	14.19
23511	17.93	0.55	-13.00	95.40	433.70	-573.17	531.42	126.09	41.97
23512	19.17	0.55	-13.00	44.12	413.27	-567.86	547.65	119.60	72.92
23513	0.62	1.65	-13.00	648.23	661.88	-611.97	119.74	18.37	-135.46
23514	1.85	1.65	-13.00	639.49	658.63	-613.95	149.95	28.27	-134.51
23515	3.08	1.65	-13.00	626.07	653.64	-615.87	180.64	38.54	-132.21
23516	4.31	1.65	-13.00	607.87	646.89	-617.76	211.66	49.10	-128.51
23517	5.55	1.65	-13.00	584.83	638.38	-619.66	242.86	59.90	-123.30
23518	6.78	1.65	-13.00	556.94	628.09	-621.62	274.09	70.91	-116.47
23519	8.01	1.65	-13.00	524.22	616.02	-623.67	305.20	82.10	-107.87
23520	9.25	1.65	-13.00	486.74	602.18	-625.84	336.00	93.48	-97.34
23521	10.48	1.65	-13.00	444.60	586.58	-628.07	366.30	105.01	-84.70
23522	11.71	1.65	-13.00	397.95	569.25	-630.24	395.80	116.58	-69.79
23523	12.94	1.65	-13.00	347.08	550.16	-632.10	424.15	127.92	-52.43
23524	14.18	1.65	-13.00	292.49	529.26	-633.24	450.89	138.53	-32.50
23525	15.41	1.65	-13.00	235.02	506.36	-633.20	475.55	147.52	-9.91
23526	16.64	1.65	-13.00	176.09	481.23	-631.43	497.64	153.62	15.32
23527	17.87	1.65	-13.00	117.68	453.66	-627.48	516.66	155.21	42.92
23528	19.11	1.65	-13.00	62.56	423.15	-621.09	530.93	150.73	73.38
23529	0.62	-1.65	-14.33	573.20	491.38	-445.21	140.66	6.87	19.23
23530	1.85	-1.65	-14.33	561.67	491.23	-446.88	181.55	8.84	19.60
23531	3.08	-1.65	-14.33	546.17	490.98	-448.53	223.01	10.89	20.45
23532	4.31	-1.65	-14.33	526.51	490.69	-450.14	264.81	12.98	21.82
23533	5.55	-1.65	-14.33	502.57	490.44	-451.74	306.74	15.07	23.72
23534	6.78	-1.65	-14.33	474.26	490.32	-453.33	348.58	17.15	26.19
23535	8.01	-1.65	-14.33	441.54	490.41	-454.91	390.09	19.19	29.27
23536	9.25	-1.65	-14.33	404.37	490.78	-456.49	431.02	21.19	33.00
23537	10.48	-1.65	-14.33	362.80	491.46	-458.08	471.07	23.15	37.45
23538	11.71	-1.65	-14.33	316.89	492.43	-459.67	509.89	25.02	42.68
23539	12.94	-1.65	-14.33	266.86	493.64	-461.23	547.03	26.75	48.75
23540	14.18	-1.65	-14.33	213.12	495.06	-462.73	581.98	28.15	55.75
23541	15.41	-1.65	-14.33	156.43	496.68	-464.11	614.21	28.98	63.75
23542	16.64	-1.65	-14.33	98.08	498.53	-465.31	643.23	28.82	72.79
23543	17.87	-1.65	-14.33	40.20	500.43	-466.33	668.80	27.23	82.81
23544	19.11	-1.65	-14.33	-13.40	500.74	-467.03	691.29	23.23	90.53
23545	0.62	-0.55	-14.33	637.66	584.90	-496.80	141.55	7.08	13.19
23546	1.85	-0.55	-14.33	626.36	583.54	-498.49	182.64	9.55	13.56
23547	3.09	-0.55	-14.33	610.63	581.51	-500.16	224.36	12.13	14.40
23548	4.33	-0.55	-14.33	590.26	578.81	-501.81	266.48	14.78	15.76
23549	5.56	-0.55	-14.33	565.12	575.50	-503.44	308.81	17.46	17.65
23550	6.80	-0.55	-14.33	535.10	571.61	-505.08	351.13	20.17	20.12
23551	8.04	-0.55	-14.33	500.13	567.19	-506.72	393.19	22.88	23.22
23552	9.27	-0.55	-14.33	460.15	562.27	-508.38	434.74	25.61	26.99
23553	10.51	-0.55	-14.33	415.15	556.82	-510.05	475.45	28.34	31.51
23554	11.75	-0.55	-14.33	365.17	550.80	-511.72	514.93	31.06	36.86
23555	12.98	-0.55	-14.33	310.40	544.10	-513.36	552.70	33.67	43.12
23556	14.22	-0.55	-14.33	251.26	536.62	-514.91	588.26	36.02	50.39
23557	15.46	-0.55	-14.33	188.63	528.23	-516.31	621.05	37.78	58.73
23558	16.69	-0.55	-14.33	124.02	518.81	-517.46	650.58	38.54	68.17
23559	17.93	-0.55	-14.33	59.88	508.10	-518.34	676.45	37.72	78.59
23560	19.17	-0.55	-14.33	0.08	495.73	-518.66	698.40	34.46	87.29
23561	0.62	0.55	-14.33	701.93	679.58	-549.12	141.23	7.53	13.50
23562	1.85	0.55	-14.33	690.96	677.01	-550.82	181.97	10.50	13.85

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]
23563	3.09	0.55	-14.33	675.12	673.17	-552.51	223.35	13.60	14.68
23564	4.33	0.55	-14.33	654.21	668.04	-554.18	265.19	16.79	16.02
23565	5.56	0.55	-14.33	628.08	661.64	-555.84	307.27	20.06	17.90
23566	6.80	0.55	-14.33	596.59	653.95	-557.52	349.38	23.39	20.36
23567	8.04	0.55	-14.33	559.63	644.96	-559.21	391.27	26.78	23.47
23568	9.27	0.55	-14.33	517.13	634.66	-560.92	432.68	30.25	27.29
23569	10.51	0.55	-14.33	469.01	622.97	-562.65	473.25	33.78	31.89
23570	11.75	0.55	-14.33	415.28	609.81	-564.38	512.56	37.37	37.36
23571	12.98	0.55	-14.33	356.07	595.01	-566.06	550.10	40.91	43.79
23572	14.22	0.55	-14.33	291.86	578.38	-567.62	585.31	44.23	51.26
23573	15.46	0.55	-14.33	223.60	559.67	-568.99	617.60	46.99	59.83
23574	16.69	0.55	-14.33	153.02	538.66	-570.04	646.43	48.68	69.49
23575	17.93	0.55	-14.33	82.84	515.34	-570.68	671.35	48.63	80.11
23576	19.17	0.55	-14.33	16.72	490.05	-570.57	692.08	46.13	88.94
23577	0.62	1.65	-14.33	765.38	772.74	-600.70	139.53	8.23	20.20
23578	1.85	1.65	-14.33	754.77	768.98	-602.41	179.37	11.67	20.53
23579	3.08	1.65	-14.33	738.92	763.39	-604.11	219.85	15.27	21.33
23580	4.31	1.65	-14.33	717.61	755.89	-605.81	260.77	19.00	22.65
23581	5.55	1.65	-14.33	690.65	746.44	-607.52	301.94	22.84	24.52
23582	6.78	1.65	-14.33	657.90	734.98	-609.25	343.15	26.79	26.99
23583	8.01	1.65	-14.33	619.22	721.46	-611.01	384.14	30.87	30.13
23584	9.25	1.65	-14.33	574.46	705.79	-612.80	424.62	35.08	34.00
23585	10.48	1.65	-14.33	523.52	687.87	-614.62	464.24	39.43	38.70
23586	11.71	1.65	-14.33	466.34	667.56	-616.43	502.54	43.89	44.29
23587	12.94	1.65	-14.33	403.02	644.69	-618.19	538.97	48.37	50.86
23588	14.18	1.65	-14.33	334.02	618.98	-619.80	572.89	52.66	58.47
23589	15.41	1.65	-14.33	260.37	590.13	-621.16	603.65	56.40	67.14
23590	16.64	1.65	-14.33	183.96	557.82	-622.15	630.63	59.05	76.86
23591	17.87	1.65	-14.33	107.74	522.03	-622.64	653.48	59.83	87.48
23592	19.11	1.65	-14.33	35.23	484.45	-622.12	672.48	58.12	95.57
23593	23.52	-1.65	-11.67	-303.31	147.28	-812.31	672.84	-233.29	1118.87
23594	23.57	-0.55	-11.67	-224.69	145.44	-712.37	676.60	-165.59	1155.03
23595	23.57	0.55	-11.67	-143.35	153.11	-620.06	655.26	-100.94	1144.08
23596	23.52	1.65	-11.67	-68.91	170.67	-555.92	621.69	-41.52	1107.21
23597	22.67	-1.65	-11.67	-214.29	253.45	-436.65	594.04	-75.11	468.15
23598	22.73	-0.55	-11.67	-161.24	236.63	-459.08	597.47	-28.89	494.02
23599	22.73	0.55	-11.67	-104.73	220.79	-481.70	581.79	20.05	496.64
23600	22.67	1.65	-11.67	-53.75	208.25	-507.31	550.97	61.48	477.34
23601	21.83	-1.65	-11.67	-130.97	292.03	-416.78	525.27	-3.99	276.37
23602	21.89	-0.55	-11.67	-101.08	275.57	-456.81	529.26	36.11	295.08
23603	21.89	0.55	-11.67	-67.42	258.72	-497.81	517.96	78.29	300.98
23604	21.83	1.65	-11.67	-36.89	242.75	-538.50	492.36	118.42	295.43
23605	20.99	-1.65	-11.67	-68.06	309.61	-422.28	487.80	37.38	165.25
23606	21.05	-0.55	-11.67	-50.62	300.10	-468.94	491.78	80.53	179.17
23607	21.05	0.55	-11.67	-30.06	290.56	-517.68	483.25	125.12	185.98
23608	20.99	1.65	-11.67	-10.05	281.35	-565.21	462.82	169.33	186.06
23609	20.14	-1.65	-11.67	-13.88	316.01	-438.56	462.22	70.48	87.53
23610	20.20	-0.55	-11.67	-1.02	316.30	-489.01	466.34	115.11	98.78
23611	20.20	0.55	-11.67	14.49	316.61	-541.74	459.86	160.81	105.59
23612	20.14	1.65	-11.67	30.83	316.56	-593.36	443.12	206.43	108.36
23613	23.52	-1.65	-13.00	-20.35	328.27	-581.70	211.09	-33.92	633.36
23614	23.57	-0.55	-13.00	-24.24	290.89	-590.73	203.18	-35.11	659.38
23615	23.57	0.55	-13.00	-27.54	252.05	-603.98	193.96	-36.44	664.52
23616	23.52	1.65	-13.00	-24.87	226.42	-610.47	187.56	-27.39	658.17
23617	22.67	-1.65	-13.00	-122.69	347.68	-514.12	491.31	-99.63	450.00
23618	22.73	-0.55	-13.00	-103.76	317.90	-535.05	489.96	-62.34	468.62
23619	22.73	0.55	-13.00	-83.22	285.20	-557.48	478.78	-22.34	470.20
23620	22.67	1.65	-13.00	-61.25	255.28	-581.81	458.47	14.81	453.92
23621	21.83	-1.65	-13.00	-111.96	379.83	-439.84	552.43	-42.09	262.66
23622	21.89	-0.55	-13.00	-95.04	353.06	-487.73	554.03	-5.95	276.33
23623	21.89	0.55	-13.00	-76.44	322.58	-537.86	543.09	31.77	279.01
23624	21.83	1.65	-13.00	-58.49	295.31	-585.92	519.80	68.12	271.35
23625	20.99	-1.65	-13.00	-75.57	392.49	-443.09	564.87	3.94	164.55
23626	21.05	-0.55	-13.00	-63.25	376.19	-494.35	568.75	38.15	175.41
23627	21.05	0.55	-13.00	-49.42	356.59	-548.23	559.67	73.62	179.26
23628	20.99	1.65	-13.00	-34.79	340.61	-599.50	538.42	108.82	176.28
23629	20.14	-1.65	-13.00	-31.38	396.01	-452.38	560.45	38.06	101.85
23630	20.20	-0.55	-13.00	-19.75	393.61	-504.45	565.70	70.32	111.01
23631	20.20	0.55	-13.00	-6.30	387.80	-559.35	558.62	103.54	115.23
23632	20.14	1.65	-13.00	9.05	385.29	-611.54	539.72	136.82	114.57
23633	23.52	-1.65	-14.33	1.26	481.24	-496.31	165.95	5.51	308.09
23634	23.57	-0.55	-14.33	-12.33	401.09	-541.51	158.34	-2.27	310.07
23635	23.57	0.55	-14.33	-22.94	322.46	-586.02	149.62	-9.42	315.27
23636	23.52	1.65	-14.33	-33.55	238.88	-628.07	138.14	-10.93	324.31
23637	22.67	-1.65	-14.33	-26.87	498.32	-490.46	461.48	-34.45	224.55
23638	22.73	-0.55	-14.33	-48.94	427.67	-533.72	459.06	-23.64	227.23
23639	22.73	0.55	-14.33	-70.06	352.23	-576.88	450.21	-11.25	228.63
23640	22.67	1.65	-14.33	-88.16	276.75	-620.33	432.45	1.25	227.38
23641	21.83	-1.65	-14.33	-81.49	505.20	-470.51	619.58	-30.97	167.56
23642	21.89	-0.55	-14.33	-91.65	445.59	-519.79	621.72	-13.54	167.31
23643	21.89	0.55	-14.33	-100.85	384.76	-568.89	610.99	4.75	167.87
23644	21.83	1.65	-14.33	-110.10	324.22	-618.44	586.72	22.64	169.62
23645	20.99	-1.65	-14.33	-91.87	504.68	-465.48	680.05	-5.00	123.09
23646	21.05	-0.55	-14.33	-92.03	463.68	-517.00	685.31	10.06	122.09
23647	21.05	0.55	-14.33	-90.82	421.60	-568.64	675.45	25.85	123.34
23648	20.99	1.65	-14.33	-89.09	380.98	-620.01	650.93	41.71	127.01
23649	20.14	-1.65	-14.33	-61.26	501.69	-467.13	698.27	13.88	99.90
23650	20.20	-0.55	-14.33	-54.14	480.82	-518.41	704.92	26.53	98.09
23651	20.20	0.55	-14.33	-44.66	458.92	-569.93	697.04	39.74	99.69
23652	20.14	1.65	-14.33	-33.61	438.07	-621.09	674.98	53.26	104.79
23653	-0.62	-1.65	-11.67	419.70	337.94	-453.53	78.14	10.54	-259.54
23654	-0.62	-0.55	-11.67	461.91	404.04	-510.58	79.10	10.72	-258.11
23655	-0.62	0.55	-11.67	503.44	470.60	-569.18	79.41	10.90	-255.48
23656	-0.62	1.65	-11.67	543.93	534.45	-626.36	79.10	11.05	-251.47
23657	-1.85	-1.65	-11.67	420.26	337.41	-450.92	55.37	2.22	-257.22
23658	-1.85	-0.55	-11.67	461.70	403.54	-507.92	56.49	0.29	-255.77
23659	-1.85	0.55	-11.67	502.49	470.14	-566.50	57.34	-1.60	-253.12
23660	-1.85	1.65	-11.67	542.25	534.03	-623.69	57.91	-3.46	-249.04
23661	-3.08	-1.65	-11.67	417.92	336.43	-448.21	33.37	-5.48	-252.99



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]
23662	-3.09	-0.55	-11.67	458.27	402.21	-505.18	34.68	-9.43	-251.53
23663	-3.09	0.55	-11.67	498.00	468.48	-563.79	36.04	-13.32	-248.85
23664	-3.08	1.65	-11.67	536.76	532.03	-621.05	37.47	-17.15	-244.71
23665	-4.31	-1.65	-11.67	412.89	334.99	-445.56	12.30	-12.54	-246.91
23666	-4.33	-0.55	-11.67	451.83	400.06	-502.55	13.78	-18.43	-245.43
23667	-4.33	0.55	-11.67	490.20	465.63	-561.24	15.66	-24.26	-242.70
23668	-4.31	1.65	-11.67	527.69	528.49	-618.66	17.91	-30.02	-238.48
23669	-5.55	-1.65	-11.67	405.36	333.10	-443.19	-7.74	-19.03	-239.03
23670	-5.56	-0.55	-11.67	442.62	397.10	-500.27	-6.08	-26.80	-237.51
23671	-5.56	0.55	-11.67	479.37	461.61	-559.12	-3.72	-34.52	-234.69
23672	-5.55	1.65	-11.67	515.34	523.44	-616.77	-0.69	-42.18	-230.34
23673	-6.78	-1.65	-11.67	395.56	330.76	-441.37	-26.66	-25.18	-229.41
23674	-6.80	-0.55	-11.67	430.89	393.34	-498.63	-24.81	-34.76	-227.79
23675	-6.80	0.55	-11.67	465.79	456.45	-557.73	-22.00	-44.33	-224.83
23676	-6.78	1.65	-11.67	500.02	516.92	-615.72	-18.23	-53.87	-220.29
23677	-8.01	-1.65	-11.67	383.73	327.94	-440.41	-44.36	-31.34	-218.07
23678	-8.04	-0.55	-11.67	416.91	388.79	-497.96	-42.34	-42.69	-216.29
23679	-8.04	0.55	-11.67	449.75	450.19	-557.41	-39.09	-54.08	-213.11
23680	-8.01	1.65	-11.67	482.05	508.99	-615.84	-34.64	-65.50	-208.26
23681	-9.25	-1.65	-11.67	370.06	324.60	-440.61	-60.81	-38.01	-205.06
23682	-9.27	-0.55	-11.67	400.92	383.45	-498.57	-58.60	-51.12	-203.02
23683	-9.27	0.55	-11.67	431.52	442.86	-558.48	-54.94	-64.33	-199.50
23684	-9.25	1.65	-11.67	461.70	499.71	-617.44	-49.86	-77.64	-194.19
23685	-10.48	-1.65	-11.67	354.73	320.69	-442.22	-75.91	-45.86	-190.37
23686	-10.51	-0.55	-11.67	383.09	377.30	-500.68	-73.49	-60.73	-187.94
23687	-10.51	0.55	-11.67	411.27	434.50	-561.13	-69.44	-75.77	-183.92
23688	-10.48	1.65	-11.67	439.16	489.19	-620.65	-63.79	-90.97	-178.01
23689	-11.71	-1.65	-11.67	337.82	316.10	-445.30	-89.57	-55.59	-174.00
23690	-11.75	-0.55	-11.67	363.49	370.32	-504.29	-86.88	-72.26	-171.01
23691	-11.75	0.55	-11.67	389.06	425.17	-565.28	-82.44	-89.16	-166.32
23692	-11.71	1.65	-11.67	414.49	477.54	-625.32	-76.28	-106.25	-159.64
23693	-12.94	-1.65	-11.67	319.23	310.76	-449.55	-101.59	-67.85	-155.91
23694	-12.98	-0.55	-11.67	342.01	362.52	-509.00	-98.56	-86.37	-152.14
23695	-12.98	0.55	-11.67	364.75	414.93	-570.42	-93.71	-105.15	-146.62
23696	-12.94	1.65	-11.67	387.50	464.89	-630.80	-87.06	-124.10	-139.03
23697	-14.18	-1.65	-11.67	298.64	304.62	-454.18	-111.69	-83.00	-136.04
23698	-14.22	-0.55	-11.67	318.27	353.90	-513.86	-108.23	-103.38	-131.30
23699	-14.22	0.55	-11.67	337.94	403.84	-575.41	-102.90	-124.01	-124.78
23700	-14.18	1.65	-11.67	357.74	451.36	-635.81	-95.74	-144.74	-116.21
23701	-15.41	-1.65	-11.67	275.47	297.71	-457.86	-119.47	-100.77	-114.36
23702	-15.46	-0.55	-11.67	291.65	344.50	-517.29	-115.47	-122.93	-108.48
23703	-15.46	0.55	-11.67	307.97	391.94	-578.49	-109.58	-145.26	-100.89
23704	-15.41	1.65	-11.67	324.58	436.99	-638.37	-101.80	-167.53	-91.35
23705	-16.64	-1.65	-11.67	249.02	290.12	-458.83	-124.43	-119.94	-90.93
23706	-16.69	-0.55	-11.67	261.47	334.37	-517.33	-119.78	-143.59	-83.85
23707	-16.69	0.55	-11.67	274.19	379.25	-577.49	-113.18	-167.26	-75.24
23708	-16.64	1.65	-11.67	287.40	421.78	-636.20	-104.65	-190.67	-64.89
23709	-17.87	-1.65	-11.67	218.81	282.05	-455.37	-125.87	-138.19	-65.88
23710	-17.93	-0.55	-11.67	227.36	323.62	-512.12	-120.45	-162.74	-57.71
23711	-17.93	0.55	-11.67	236.35	365.76	-570.45	-112.99	-187.13	-48.30
23712	-17.87	1.65	-11.67	246.07	405.61	-627.27	-103.57	-211.07	-37.45
23713	-19.11	-1.65	-11.67	185.05	273.74	-446.33	-123.13	-152.36	-39.35
23714	-19.17	-0.55	-11.67	189.77	312.37	-500.57	-116.81	-176.86	-30.43
23715	-19.17	0.55	-11.67	195.15	351.50	-556.33	-108.41	-201.05	-20.60
23716	-19.11	1.65	-11.67	201.52	388.41	-610.68	-98.00	-224.71	-9.72
23717	-0.62	-1.65	-13.00	495.23	402.53	-444.58	89.36	8.82	-138.24
23718	-0.62	-0.55	-13.00	548.50	490.80	-498.77	90.35	8.79	-136.09
23719	-0.62	0.55	-13.00	600.50	576.20	-555.95	90.57	8.83	-135.01
23720	-0.62	1.65	-13.00	652.45	663.42	-609.93	90.18	8.91	-135.12
23721	-1.85	-1.65	-13.00	497.86	402.21	-442.53	59.26	3.81	-136.73
23722	-1.85	-0.55	-13.00	550.22	490.54	-496.70	60.27	2.45	-134.57
23723	-1.85	0.55	-13.00	601.30	576.02	-553.88	60.94	1.17	-133.46
23724	-1.85	1.65	-13.00	652.36	663.29	-607.87	61.43	-0.03	-133.53
23725	-3.08	-1.65	-13.00	497.47	401.60	-440.44	30.13	-0.76	-133.98
23726	-3.09	-0.55	-13.00	548.54	489.54	-494.60	31.18	-3.42	-131.81
23727	-3.09	0.55	-13.00	598.35	574.64	-551.80	32.30	-5.97	-130.68
23728	-3.08	1.65	-13.00	648.18	661.51	-605.84	33.66	-8.44	-130.68
23729	-4.31	-1.65	-13.00	494.29	400.72	-438.38	2.15	-4.90	-130.02
23730	-4.33	-0.55	-13.00	543.70	487.82	-492.56	3.25	-8.81	-127.84
23731	-4.33	0.55	-13.00	591.90	572.09	-549.81	4.83	-12.61	-126.66
23732	-4.31	1.65	-13.00	640.17	658.12	-603.93	7.04	-16.34	-126.58
23733	-5.55	-1.65	-13.00	488.51	399.56	-436.44	-24.52	-8.70	-124.88
23734	-5.56	-0.55	-13.00	535.93	485.38	-490.68	-23.35	-13.82	-122.67
23735	-5.56	0.55	-13.00	582.19	568.38	-548.01	-21.32	-18.86	-121.41
23736	-5.55	1.65	-13.00	628.59	653.12	-602.26	-18.29	-23.83	-121.21
23737	-6.78	-1.65	-13.00	480.30	398.12	-434.76	-49.74	-12.32	-118.57
23738	-6.80	-0.55	-13.00	525.42	482.23	-489.09	-48.48	-18.64	-116.30
23739	-6.80	0.55	-13.00	569.42	563.52	-546.56	-46.00	-24.91	-114.92
23740	-6.78	1.65	-13.00	613.64	646.53	-600.97	-42.15	-31.15	-114.51
23741	-8.01	-1.65	-13.00	469.74	396.35	-433.45	-73.38	-16.07	-111.10
23742	-8.04	-0.55	-13.00	512.25	478.33	-487.94	-71.98	-23.59	-108.72
23743	-8.04	0.55	-13.00	553.69	557.49	-545.59	-69.04	-31.10	-107.14
23744	-8.01	1.65	-13.00	595.44	638.35	-600.22	-64.38	-38.64	-106.44
23745	-9.25	-1.65	-13.00	456.82	394.15	-432.67	-95.28	-20.36	-102.47
23746	-9.27	-0.55	-13.00	496.41	473.62	-487.36	-93.70	-29.09	-99.89
23747	-9.27	0.55	-13.00	534.99	550.25	-545.25	-90.25	-37.88	-98.03
23748	-9.25	1.65	-13.00	573.97	628.54	-600.14	-84.79	-46.74	-96.92
23749	-10.48	-1.65	-13.00	441.38	391.36	-432.51	-115.29	-25.69	-92.64
23750	-10.51	-0.55	-13.00	477.75	467.96	-487.46	-113.42	-35.68	-89.78
23751	-10.51	0.55	-13.00	513.14	541.73	-545.60	-109.43	-45.77	-87.50
23752	-10.48	1.65	-13.00	549.03	617.10	-600.78	-103.17	-55.99	-85.87
23753	-11.71	-1.65	-13.00	423.12	387.73	-433.00	-133.16	-32.60	-81.61
23754	-11.75	-0.55	-13.00	455.91	461.20	-488.21	-130.88	-43.90	-78.32
23755	-11.75	0.55	-13.00	487.76	531.82	-546.62	-126.28	-55.34	-75.50
23756	-11.71	1.65	-13.00	520.23	603.97	-602.06	-119.20	-66.94	-73.21
23757	-12.94	-1.65	-13.00	401.56	383.00	-433.98	-148.59	-41.52	-69.32
23758	-12.98	-0.55	-13.00	430.38	453.14	-489.42	-145.72	-54.17	-65.45
23759	-12.98	0.55	-13.00	458.31	520.38	-548.04	-140.41	-66.99	-61.96
23760	-12.94	1.65	-13.00	486.99	589.10	-603.65	-132.49	-79.95	-58.92

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]
23761	-14.18	-1.65	-13.00	376.09	376.89	-435.12	-161.14	-52.61	-55.74
23762	-14.22	-0.55	-13.00	400.51	443.56	-490.66	-157.53	-66.63	-51.13
23763	-14.22	0.55	-13.00	424.12	507.28	-549.35	-151.38	-80.80	-46.87
23764	-14.18	1.65	-13.00	448.65	572.42	-604.98	-142.56	-95.03	-43.05
23765	-15.41	-1.65	-13.00	346.07	369.24	-435.81	-170.34	-65.55	-40.89
23766	-15.46	-0.55	-13.00	365.68	432.32	-491.25	-165.82	-80.86	-35.43
23767	-15.46	0.55	-13.00	384.62	492.36	-549.78	-158.71	-96.25	-30.35
23768	-15.41	1.65	-13.00	404.68	553.80	-605.19	-148.87	-111.57	-25.79
23769	-16.64	-1.65	-13.00	311.06	359.96	-435.37	-175.68	-79.40	-24.95
23770	-16.69	-0.55	-13.00	325.53	419.30	-490.37	-170.14	-95.74	-18.60
23771	-16.69	0.55	-13.00	339.55	475.52	-548.43	-161.92	-112.03	-12.77
23772	-16.64	1.65	-13.00	354.96	533.14	-603.30	-150.95	-128.12	-7.61
23773	-17.87	-1.65	-13.00	271.17	349.10	-433.14	-176.67	-92.47	-8.55
23774	-17.93	-0.55	-13.00	280.36	404.55	-487.29	-170.00	-109.39	-1.41
23775	-17.93	0.55	-13.00	289.38	456.77	-544.42	-160.60	-126.07	5.00
23776	-17.87	1.65	-13.00	300.08	510.47	-598.39	-148.41	-142.47	10.52
23777	-19.11	-1.65	-13.00	227.25	337.22	-428.85	-171.77	-102.59	7.95
23778	-19.17	-0.55	-13.00	231.33	388.28	-481.68	-163.97	-119.44	15.59
23779	-19.17	0.55	-13.00	235.53	436.24	-537.35	-153.34	-135.92	22.30
23780	-19.11	1.65	-13.00	241.73	485.55	-590.02	-139.87	-152.10	27.89
23781	-0.62	-1.65	-14.33	580.97	491.38	-443.51	100.55	5.02	19.32
23782	-0.62	-0.55	-14.33	644.75	585.56	-495.09	101.29	4.75	13.29
23783	-0.62	0.55	-14.33	708.30	680.91	-547.40	101.33	4.73	13.60
23784	-0.62	1.65	-14.33	770.99	774.70	-598.98	100.53	4.97	20.32
23785	-1.85	-1.65	-14.33	585.28	491.23	-441.79	61.46	3.33	19.86
23786	-1.85	-0.55	-14.33	647.94	585.54	-493.36	62.06	2.59	13.83
23787	-1.85	0.55	-14.33	710.35	681.03	-545.67	62.48	2.11	14.15
23788	-1.85	1.65	-14.33	771.93	774.95	-597.25	62.55	1.90	20.88
23789	-3.08	-1.65	-14.33	586.43	490.95	-440.06	23.59	1.82	20.84
23790	-3.09	-0.55	-14.33	647.54	584.89	-491.62	24.09	0.63	14.81
23791	-3.09	0.55	-14.33	708.43	679.99	-543.95	24.88	-0.29	15.14
23792	-3.08	1.65	-14.33	768.51	773.50	-595.54	25.81	-0.95	21.89
23793	-4.31	-1.65	-14.33	584.73	490.58	-438.34	-12.85	0.49	22.25
23794	-4.33	-0.55	-14.33	643.89	583.62	-489.90	-12.44	-1.15	16.22
23795	-4.33	0.55	-14.33	702.86	677.82	-542.24	-11.27	-2.51	16.57
23796	-4.31	1.65	-14.33	761.09	770.43	-593.85	-9.49	-3.60	23.35
23797	-5.55	-1.65	-14.33	580.45	490.14	-436.64	-47.66	-0.71	24.08
23798	-5.56	-0.55	-14.33	637.28	581.78	-488.21	-47.32	-2.77	18.06
23799	-5.56	0.55	-14.33	693.95	674.58	-540.57	-45.76	-4.57	18.44
23800	-5.55	1.65	-14.33	749.95	765.74	-592.22	-43.16	-6.11	25.27
23801	-6.78	-1.65	-14.33	573.80	489.63	-434.99	-80.66	-1.83	26.33
23802	-6.80	-0.55	-14.33	627.91	579.37	-486.58	-80.34	-4.32	20.34
23803	-6.80	0.55	-14.33	681.90	670.25	-538.98	-78.39	-6.56	20.76
23804	-6.78	1.65	-14.33	735.27	759.45	-590.68	-74.96	-8.56	27.68
23805	-8.01	-1.65	-14.33	564.82	488.99	-433.42	-111.63	-3.02	29.01
23806	-8.04	-0.55	-14.33	615.81	576.34	-485.06	-111.29	-5.94	23.05
23807	-8.04	0.55	-14.33	666.72	664.80	-537.50	-108.91	-8.63	23.56
23808	-8.01	1.65	-14.33	717.06	751.52	-589.26	-104.62	-11.12	30.60
23809	-9.25	-1.65	-14.33	553.32	488.09	-431.96	-140.37	-4.43	32.12
23810	-9.27	-0.55	-14.33	600.79	572.58	-483.65	-139.91	-7.81	26.24
23811	-9.27	0.55	-14.33	648.19	658.13	-536.15	-137.02	-10.98	26.86
23812	-9.25	1.65	-14.33	695.06	741.85	-587.99	-131.85	-13.97	34.07
23813	-10.48	-1.65	-14.33	538.86	486.70	-430.65	-166.60	-6.31	35.67
23814	-10.51	-0.55	-14.33	582.36	567.87	-482.40	-165.87	-10.17	29.91
23815	-10.51	0.55	-14.33	625.76	650.05	-534.96	-162.39	-13.84	30.70
23816	-10.48	1.65	-14.33	668.69	730.27	-586.88	-156.26	-17.35	38.14
23817	-11.71	-1.65	-14.33	520.68	484.44	-429.47	-189.97	-8.87	39.70
23818	-11.75	-0.55	-14.33	559.67	561.89	-481.29	-188.78	-13.25	34.11
23819	-11.75	0.55	-14.33	598.55	640.27	-533.91	-184.54	-17.45	35.13
23820	-11.71	1.65	-14.33	637.01	716.54	-585.91	-177.37	-21.51	42.85
23821	-12.94	-1.65	-14.33	497.73	480.85	-428.41	-210.02	-12.32	44.23
23822	-12.98	-0.55	-14.33	531.59	554.24	-480.29	-208.12	-17.24	38.87
23823	-12.98	0.55	-14.33	565.36	628.43	-532.96	-202.93	-22.01	40.17
23824	-12.94	1.65	-14.33	598.79	700.34	-585.02	-194.60	-26.62	48.22
23825	-14.18	-1.65	-14.33	468.77	475.44	-427.38	-226.18	-16.72	49.27
23826	-14.22	-0.55	-14.33	496.84	544.43	-479.30	-223.29	-22.21	44.22
23827	-14.22	0.55	-14.33	524.86	614.07	-531.99	-216.94	-27.54	45.85
23828	-14.18	1.65	-14.33	552.72	681.28	-584.08	-207.27	-32.68	54.24
23829	-15.41	-1.65	-14.33	432.60	467.75	-426.26	-237.83	-21.97	54.83
23830	-15.46	-0.55	-14.33	454.23	532.02	-478.17	-233.69	-28.00	50.14
23831	-15.46	0.55	-14.33	475.95	596.74	-530.84	-225.95	-33.85	52.11
23832	-15.41	1.65	-14.33	497.73	658.94	-582.90	-214.75	-39.45	60.82
23833	-16.64	-1.65	-14.33	388.41	457.43	-424.90	-244.44	-27.68	60.80
23834	-16.69	-0.55	-14.33	403.07	516.64	-476.74	-238.84	-34.16	56.48
23835	-16.69	0.55	-14.33	418.11	576.09	-529.29	-229.48	-40.38	58.79
23836	-16.64	1.65	-14.33	433.53	632.99	-581.27	-216.56	-46.31	67.78
23837	-17.87	-1.65	-14.33	336.17	444.21	-423.25	-245.86	-33.31	66.90
23838	-17.93	-0.55	-14.33	343.69	498.01	-474.89	-238.58	-39.96	62.86
23839	-17.93	0.55	-14.33	351.98	552.13	-527.18	-227.46	-46.25	65.43
23840	-17.87	1.65	-14.33	361.02	603.50	-578.95	-212.78	-52.25	74.64
23841	-19.11	-1.65	-14.33	277.61	426.69	-421.20	-243.17	-37.77	69.32
23842	-19.17	-0.55	-14.33	277.99	476.01	-472.33	-233.57	-44.31	65.99
23843	-19.17	0.55	-14.33	279.46	525.44	-524.08	-220.66	-50.40	68.69
23844	-19.11	1.65	-14.33	282.19	572.32	-575.34	-204.74	-56.22	77.43
23845	-23.52	-1.65	-11.67	4.52	222.72	-364.33	-25.88	-40.25	136.93
23846	-22.67	-1.65	-11.67	23.23	234.27	-357.58	-51.76	-89.84	102.12
23847	-21.83	-1.65	-11.67	57.05	244.30	-377.04	-76.67	-127.75	65.47
23848	-20.99	-1.65	-11.67	98.65	254.18	-403.86	-98.47	-151.65	28.42
23849	-20.14	-1.65	-11.67	144.13	264.39	-428.96	-114.56	-158.93	-7.91
23850	-23.57	-0.55	-11.67	3.33	241.48	-401.75	-17.25	-38.09	140.84
23851	-22.73	-0.55	-11.67	20.94	256.28	-397.38	-42.58	-95.69	107.91
23852	-21.89	-0.55	-11.67	54.41	270.35	-420.21	-67.49	-141.02	72.78
23853	-21.05	-0.55	-11.67	97.05	284.82	-450.79	-89.96	-170.73	36.94
23854	-20.20	-0.55	-11.67	145.24	299.40	-479.82	-107.16	-181.83	1.22
23855	-23.57	0.55	-11.67	3.03	261.53	-440.90	-7.83	-36.09	142.78
23856	-22.73	0.55	-11.67	19.59	278.11	-438.65	-31.78	-102.00	112.34
23857	-21.89	0.55	-11.67	52.37	296.45	-464.76	-56.27	-154.30	79.35
23858	-21.05	0.55	-11.67	96.14	315.74	-499.07	-79.46	-189.61	45.40
23859	-20.20	0.55	-11.67	147.11	334.76	-532.10	-97.70	-204.41	10.83

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]
23860	-23.52	1.65	-11.67	3.54	280.23	-477.37	1.78	-36.42	144.14
23861	-22.67	1.65	-11.67	18.68	296.66	-478.60	-18.79	-108.65	114.94
23862	-21.83	1.65	-11.67	51.13	320.76	-508.07	-43.34	-167.37	85.20
23863	-20.99	1.65	-11.67	96.39	344.64	-546.14	-67.16	-208.09	53.92
23864	-20.14	1.65	-11.67	150.17	368.04	-583.10	-86.31	-226.47	21.05
23865	-23.52	-1.65	-13.00	5.67	265.84	-396.70	-31.80	-22.06	137.50
23866	-22.67	-1.65	-13.00	29.09	280.92	-384.56	-65.08	-52.96	105.77
23867	-21.83	-1.65	-13.00	68.76	293.44	-394.89	-102.84	-82.16	76.18
23868	-20.99	-1.65	-13.00	118.68	307.98	-408.74	-134.23	-100.95	50.80
23869	-20.14	-1.65	-13.00	175.31	323.37	-420.88	-158.35	-106.90	27.31
23870	-23.57	-0.55	-13.00	4.06	289.19	-441.53	-21.19	-19.10	142.44
23871	-22.73	-0.55	-13.00	24.92	307.23	-430.84	-54.26	-56.67	111.14
23872	-21.89	-0.55	-13.00	63.42	325.95	-442.67	-91.71	-91.50	82.58
23873	-21.05	-0.55	-13.00	114.61	347.00	-458.09	-123.80	-114.34	58.00
23874	-20.20	-0.55	-13.00	174.66	368.88	-472.00	-149.22	-122.81	35.00
23875	-23.57	0.55	-13.00	2.78	309.03	-489.89	-10.18	-16.78	144.04
23876	-22.73	0.55	-13.00	21.23	330.11	-479.70	-41.52	-61.10	113.97
23877	-21.89	0.55	-13.00	58.14	355.24	-492.91	-78.12	-100.90	86.88
23878	-21.05	0.55	-13.00	110.74	383.25	-509.91	-110.81	-127.55	63.72
23879	-20.20	0.55	-13.00	174.28	411.57	-525.72	-137.36	-138.33	41.55
23880	-23.52	1.65	-13.00	3.09	332.29	-533.65	0.88	-16.55	142.74
23881	-22.67	1.65	-13.00	18.75	352.15	-525.72	-25.81	-65.59	113.45
23882	-21.83	1.65	-13.00	54.55	385.82	-540.53	-62.24	-110.12	88.93
23883	-20.99	1.65	-13.00	108.97	420.48	-559.11	-95.37	-140.52	67.79
23884	-20.14	1.65	-13.00	176.12	455.33	-576.69	-122.80	-153.59	46.78
23885	-23.52	-1.65	-14.33	6.69	349.14	-408.56	-13.72	-2.37	140.30
23886	-22.67	-1.65	-14.33	25.83	347.97	-405.06	-90.34	-13.93	95.14
23887	-21.83	-1.65	-14.33	67.00	363.43	-409.58	-143.91	-29.19	85.53
23888	-20.99	-1.65	-14.33	130.85	383.23	-414.50	-186.95	-37.52	75.14
23889	-20.14	-1.65	-14.33	206.84	405.15	-418.52	-223.76	-40.02	69.36
23890	-23.57	-0.55	-14.33	-0.05	350.51	-458.18	-5.88	-0.52	133.92
23891	-22.73	-0.55	-14.33	12.41	365.72	-454.64	-77.65	-16.04	92.58
23892	-21.89	-0.55	-14.33	53.07	388.79	-459.40	-130.33	-33.11	82.92
23893	-21.05	-0.55	-14.33	119.35	418.09	-464.61	-174.37	-43.10	72.99
23894	-20.20	-0.55	-14.33	200.61	448.79	-469.01	-212.39	-46.41	67.08
23895	-23.57	0.55	-14.33	-4.01	354.46	-508.03	6.82	1.17	134.70
23896	-22.73	0.55	-14.33	0.40	379.91	-504.92	-62.20	-18.44	93.62
23897	-21.89	0.55	-14.33	40.07	413.55	-509.70	-113.27	-36.90	84.63
23898	-21.05	0.55	-14.33	108.91	452.44	-515.30	-157.98	-48.39	75.32
23899	-20.20	0.55	-14.33	195.46	492.02	-520.15	-197.62	-52.36	69.76
23900	-23.52	1.65	-14.33	-8.46	354.37	-557.41	24.33	1.41	142.94
23901	-22.67	1.65	-14.33	-10.42	391.82	-554.48	-42.68	-20.35	97.62
23902	-21.83	1.65	-14.33	28.30	436.03	-559.63	-92.97	-40.47	90.70
23903	-20.99	1.65	-14.33	100.19	484.84	-565.49	-138.18	-53.46	82.08
23904	-20.14	1.65	-14.33	192.13	533.24	-570.74	-179.80	-58.10	77.36
23905	23.44	2.50	-11.67	-14.38	198.32	-519.89	595.84	3.00	1074.15
23906	23.37	3.10	-11.67	15.03	205.96	-491.69	577.99	18.34	1043.14
23907	22.60	2.50	-11.67	-21.05	197.20	-529.56	520.90	84.82	459.11
23908	22.52	3.10	-11.67	-2.91	193.60	-546.58	499.03	97.65	455.62
23909	21.75	2.50	-11.67	-17.41	232.18	-569.03	466.12	146.76	288.71
23910	21.68	3.10	-11.67	-6.75	225.06	-589.40	445.70	164.05	283.04
23911	20.91	2.50	-11.67	3.66	274.30	-600.27	440.53	202.31	184.30
23912	20.83	3.10	-11.67	11.74	270.41	-623.80	421.58	224.50	183.07
23913	20.06	2.50	-11.67	43.18	316.59	-631.85	424.03	241.17	109.79
23914	19.98	3.10	-11.67	51.44	318.01	-658.29	407.55	264.93	110.77
23915	23.44	2.50	-13.00	-17.93	211.18	-604.04	176.98	-13.78	634.88
23916	23.37	3.10	-13.00	-20.94	173.06	-607.58	158.49	-21.32	596.64
23917	22.60	2.50	-13.00	-46.45	225.23	-601.09	433.71	38.25	436.19
23918	22.52	3.10	-13.00	-39.58	206.66	-609.68	410.92	52.19	430.77
23919	21.75	2.50	-13.00	-46.25	276.09	-618.86	494.96	94.29	261.64
23920	21.68	3.10	-13.00	-39.20	258.78	-639.60	474.75	110.91	256.28
23921	20.91	2.50	-13.00	-23.75	329.09	-634.96	514.76	135.05	170.49
23922	20.83	3.10	-13.00	-17.22	318.17	-657.30	494.19	152.44	168.26
23923	20.06	2.50	-13.00	21.58	384.50	-647.45	517.90	162.16	111.40
23924	19.98	3.10	-13.00	29.90	381.15	-670.21	498.99	179.41	111.42
23925	23.44	2.50	-14.33	-37.96	199.33	-653.32	119.50	-9.93	320.87
23926	23.37	3.10	-14.33	-36.99	196.88	-668.30	102.66	-18.12	301.30
23927	22.60	2.50	-14.33	-98.78	229.32	-651.65	408.14	9.05	224.04
23928	22.52	3.10	-14.33	-104.15	222.92	-668.59	383.14	12.70	220.57
23929	21.75	2.50	-14.33	-115.42	294.64	-653.55	558.93	35.90	170.89
23930	21.68	3.10	-14.33	-115.63	298.43	-673.34	535.57	44.29	168.17
23931	20.91	2.50	-14.33	-84.88	367.45	-656.19	623.14	53.74	129.77
23932	20.83	3.10	-14.33	-78.18	381.41	-677.38	599.28	61.52	128.40
23933	20.06	2.50	-14.33	-21.24	441.38	-656.89	649.15	63.99	109.25
23934	19.98	3.10	-14.33	-8.12	468.76	-677.75	626.72	71.28	108.81
23935	19.03	2.50	-11.67	89.83	351.30	-657.23	410.40	259.32	54.19
23936	18.94	3.10	-11.67	99.46	357.18	-685.82	395.94	282.56	56.96
23937	17.80	2.50	-11.67	136.41	378.74	-674.96	396.72	263.07	10.95
23938	17.72	3.10	-11.67	147.43	387.80	-704.97	383.84	285.03	15.05
23939	16.57	2.50	-11.67	184.77	403.40	-687.46	380.73	258.02	-28.29
23940	16.50	3.10	-11.67	197.36	415.34	-718.60	369.15	278.44	-23.32
23941	15.34	2.50	-11.67	232.78	425.87	-694.74	362.53	246.72	-63.93
23942	15.28	3.10	-11.67	246.90	440.45	-726.64	351.97	265.47	-58.47
23943	14.12	2.50	-11.67	279.16	446.68	-697.66	342.57	231.47	-96.04
23944	14.05	3.10	-11.67	294.66	463.73	-729.95	332.84	248.46	-90.35
23945	12.89	2.50	-11.67	323.20	466.18	-697.50	321.37	214.00	-124.59
23946	12.83	3.10	-11.67	339.89	485.56	-729.86	312.34	229.22	-118.85
23947	11.66	2.50	-11.67	364.48	484.50	-695.51	299.37	195.45	-149.64
23948	11.61	3.10	-11.67	382.18	506.08	-727.70	291.01	208.90	-143.96
23949	10.43	2.50	-11.67	402.73	501.61	-692.65	276.96	176.45	-171.33
23950	10.39	3.10	-11.67	421.27	525.21	-724.52	269.28	188.19	-165.72
23951	9.21	2.50	-11.67	437.71	517.36	-689.56	254.40	157.32	-189.82
23952	9.17	3.10	-11.67	456.96	542.81	-721.04	247.42	167.41	-184.28
23953	7.98	2.50	-11.67	469.17	531.61	-686.59	231.81	138.22	-205.33
23954	7.94	3.10	-11.67	489.02	558.68	-717.67	225.59	146.76	-199.80
23955	6.75	2.50	-11.67	496.86	544.20	-683.86	209.28	119.22	-218.05
23956	6.72	3.10	-11.67	517.20	572.67	-714.57	203.83	126.31	-212.50
23957	5.52	2.50	-11.67	520.55	555.05	-681.35	186.85	100.37	-228.21
23958	5.50	3.10	-11.67	541.28	584.70	-711.74	182.20	106.11	-222.60

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]
23959	4.30	2.50	-11.67	540.06	564.07	-678.98	164.57	81.72	-235.98
23960	4.28	3.10	-11.67	561.07	594.69	-709.12	160.73	86.21	-230.29
23961	3.07	2.50	-11.67	555.24	571.23	-676.65	142.51	63.36	-241.52
23962	3.06	3.10	-11.67	576.40	602.60	-706.60	139.47	66.66	-235.75
23963	1.84	2.50	-11.67	566.02	576.49	-674.27	120.74	45.40	-244.94
23964	1.83	3.10	-11.67	587.22	608.43	-704.09	118.51	47.56	-239.10
23965	0.61	2.50	-11.67	572.39	579.86	-671.78	99.35	27.94	-246.34
23966	0.61	3.10	-11.67	593.51	612.16	-701.54	97.91	29.03	-240.43
23967	19.03	2.50	-13.00	78.04	431.67	-657.51	511.32	174.59	71.65
23968	18.94	3.10	-13.00	88.88	434.06	-680.54	494.08	190.91	73.33
23969	17.80	2.50	-13.00	136.27	469.46	-664.52	499.14	177.42	42.03
23970	17.72	3.10	-13.00	149.34	476.22	-687.93	483.51	192.52	44.87
23971	16.57	2.50	-13.00	197.96	503.49	-669.09	481.88	174.11	15.03
23972	16.50	3.10	-13.00	213.41	514.53	-692.98	467.71	188.04	18.67
23973	15.34	2.50	-13.00	260.11	534.58	-671.27	461.31	166.23	-9.93
23974	15.28	3.10	-13.00	277.78	549.49	-695.50	448.39	178.98	-5.84
23975	14.12	2.50	-13.00	320.53	562.96	-671.51	437.92	155.39	-32.48
23976	14.05	3.10	-13.00	340.20	581.54	-695.93	426.08	166.93	-28.20
23977	12.89	2.50	-13.00	377.77	588.96	-670.36	412.28	142.93	-52.53
23978	12.83	3.10	-13.00	399.16	610.98	-694.82	401.40	153.24	-48.24
23979	11.66	2.50	-13.00	430.92	612.73	-668.38	384.96	129.77	-70.09
23980	11.61	3.10	-13.00	453.77	637.98	-692.76	375.02	138.84	-65.89
23981	10.43	2.50	-13.00	479.51	634.32	-666.00	356.47	116.45	-85.21
23982	10.39	3.10	-13.00	503.58	662.53	-690.23	347.46	124.33	-81.15
23983	9.21	2.50	-13.00	523.27	653.71	-663.52	327.20	103.27	-98.02
23984	9.17	3.10	-13.00	548.36	684.54	-687.57	319.14	109.99	-94.09
23985	7.98	2.50	-13.00	562.09	670.86	-661.12	297.42	90.35	-108.67
23986	7.94	3.10	-13.00	588.00	703.97	-684.98	290.33	95.99	-104.84
23987	6.75	2.50	-13.00	595.87	685.76	-658.86	267.36	77.73	-117.33
23988	6.72	3.10	-13.00	622.44	720.80	-682.54	261.22	82.37	-113.55
23989	5.52	2.50	-13.00	624.56	698.40	-656.72	237.16	65.40	-124.18
23990	5.50	3.10	-13.00	651.63	735.05	-680.26	231.96	69.13	-120.42
23991	4.30	2.50	-13.00	648.15	708.83	-654.68	206.99	53.38	-129.37
23992	4.28	3.10	-13.00	675.55	746.77	-678.10	202.72	56.26	-125.60
23993	3.07	2.50	-13.00	666.65	717.07	-652.69	176.99	41.67	-133.03
23994	3.06	3.10	-13.00	694.21	756.02	-676.02	173.63	43.77	-129.25
23995	1.84	2.50	-13.00	680.13	723.16	-650.70	147.31	30.32	-135.28
23996	1.83	3.10	-13.00	707.70	762.85	-673.98	144.84	31.68	-131.46
23997	0.61	2.50	-13.00	688.68	727.14	-648.69	118.10	19.39	-136.19
23998	0.61	3.10	-13.00	716.12	767.32	-671.94	116.50	20.04	-132.34
23999	19.03	2.50	-14.33	53.88	501.66	-657.86	649.17	67.82	102.07
24000	18.94	3.10	-14.33	72.09	542.14	-678.22	628.58	74.46	102.49
24001	17.80	2.50	-14.33	131.52	549.37	-658.53	631.91	68.70	94.94
24002	17.72	3.10	-14.33	153.58	597.95	-678.82	613.13	74.49	95.83
24003	16.57	2.50	-14.33	212.59	594.70	-658.11	611.45	67.21	84.52
24004	16.50	3.10	-14.33	238.10	649.04	-678.61	594.59	72.46	85.65
24005	15.34	2.50	-14.33	293.49	635.51	-657.18	586.52	63.83	74.96
24006	15.28	3.10	-14.33	322.06	695.32	-677.84	571.37	68.62	76.21
24007	14.12	2.50	-14.33	371.18	672.11	-655.82	557.55	59.35	66.33
24008	14.05	3.10	-14.33	402.45	736.94	-676.61	543.92	63.65	67.60
24009	12.89	2.50	-14.33	443.73	704.81	-654.18	525.19	54.32	58.70
24010	12.83	3.10	-14.33	477.32	774.30	-675.06	512.94	58.14	59.93
24011	11.66	2.50	-14.33	510.05	733.99	-652.38	490.18	49.12	52.08
24012	11.61	3.10	-14.33	545.59	807.73	-673.31	479.20	52.46	53.22
24013	10.43	2.50	-14.33	569.73	759.89	-650.50	453.20	43.98	46.42
24014	10.39	3.10	-14.33	606.86	837.44	-671.46	443.46	46.85	47.46
24015	9.21	2.50	-14.33	622.70	782.70	-648.61	414.85	38.99	41.68
24016	9.17	3.10	-14.33	661.10	863.59	-669.59	406.32	41.42	42.63
24017	7.98	2.50	-14.33	669.05	802.56	-646.76	375.59	34.20	37.77
24018	7.94	3.10	-14.33	708.45	886.31	-667.74	368.22	36.22	38.66
24019	6.75	2.50	-14.33	708.94	819.62	-644.94	335.79	29.59	34.63
24020	6.72	3.10	-14.33	749.09	905.76	-665.93	329.55	31.24	35.47
24021	5.52	2.50	-14.33	742.56	833.99	-643.17	295.75	25.16	32.17
24022	5.50	3.10	-14.33	783.23	922.09	-664.16	290.58	26.46	32.99
24023	4.30	2.50	-14.33	770.06	845.79	-641.43	255.71	20.87	30.33
24024	4.28	3.10	-14.33	811.04	935.46	-662.42	251.58	21.88	31.14
24025	3.07	2.50	-14.33	791.61	855.12	-639.70	215.89	16.74	29.04
24026	3.06	3.10	-14.33	832.72	945.99	-660.71	212.77	17.46	29.86
24027	1.84	2.50	-14.33	807.43	862.06	-637.99	176.49	12.76	28.27
24028	1.83	3.10	-14.33	848.48	953.81	-659.00	174.36	13.22	29.09
24029	0.61	2.50	-14.33	817.73	866.70	-636.27	137.71	8.95	27.97
24030	0.61	3.10	-14.33	858.56	959.02	-657.30	136.53	9.17	28.80
24031	-0.61	3.10	-11.67	595.31	613.82	-698.94	77.80	11.17	-239.81
24032	-1.83	3.10	-11.67	592.76	613.43	-696.35	58.26	-5.90	-237.26
24033	-3.06	3.10	-11.67	586.06	611.02	-693.93	39.43	-22.13	-232.79
24034	-4.28	3.10	-11.67	575.48	606.64	-691.86	21.39	-37.53	-226.37
24035	-5.50	3.10	-11.67	561.32	600.32	-690.44	4.26	-52.22	-217.97
24036	-6.72	3.10	-11.67	543.93	592.12	-689.99	-11.91	-66.46	-207.52
24037	-7.94	3.10	-11.67	523.64	582.11	-690.85	-27.05	-80.68	-194.92
24038	-9.17	3.10	-11.67	500.77	570.39	-693.25	-41.11	-95.41	-180.07
24039	-10.39	3.10	-11.67	475.51	557.11	-697.27	-54.02	-111.34	-162.88
24040	-11.61	3.10	-11.67	447.88	542.47	-702.61	-65.62	-129.14	-143.31
24041	-12.83	3.10	-11.67	417.64	526.71	-708.41	-75.62	-149.37	-121.38
24042	-14.05	3.10	-11.67	384.31	510.03	-713.18	-83.54	-172.11	-97.28
24043	-15.28	3.10	-11.67	347.25	492.50	-714.77	-88.76	-196.62	-71.35
24044	-16.50	3.10	-11.67	305.93	474.06	-710.79	-90.60	-220.90	-44.24
24045	-17.72	3.10	-11.67	260.46	454.53	-699.31	-88.33	-241.72	-16.77
24046	-18.94	3.10	-11.67	212.06	433.80	-679.60	-81.58	-254.84	10.18
24047	-0.61	2.50	-11.67	574.41	581.33	-669.18	78.46	11.14	-245.78
24048	-1.84	2.50	-11.67	572.21	580.93	-666.55	58.17	-4.89	-243.29
24049	-3.07	2.50	-11.67	565.98	578.68	-664.02	38.60	-20.08	-238.88
24050	-4.30	2.50	-11.67	555.99	574.64	-661.79	19.87	-34.43	-232.55
24051	-5.52	2.50	-11.67	542.54	568.82	-660.15	2.07	-48.07	-224.28
24052	-6.75	2.50	-11.67	525.96	561.29	-659.43	-14.72	-61.25	-214.00
24053	-7.98	2.50	-11.67	506.59	552.11	-659.95	-30.44	-74.38	-201.66
24054	-9.21	2.50	-11.67	484.71	541.37	-662.00	-45.03	-88.02	-187.16
24055	-10.43	2.50	-11.67	460.52	529.21	-665.67	-58.41	-102.86	-170.41
24056	-11.66	2.50	-11.67	434.05	515.79	-670.73	-70.40	-119.62	-151.36
24057	-12.89	2.50	-11.67	405.09	501.31	-676.43	-80.75	-138.88	-129.99

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]
24058	-14.12	2.50	-11.67	373.18	485.91	-681.34	-88.99	-160.80	-106.41
24059	-15.34	2.50	-11.67	337.67	469.67	-683.39	-94.57	-184.67	-80.88
24060	-16.57	2.50	-11.67	297.99	452.55	-680.21	-96.81	-208.55	-53.96
24061	-17.80	2.50	-11.67	254.14	434.39	-669.80	-95.02	-229.25	-26.39
24062	-19.03	2.50	-11.67	207.21	415.09	-651.37	-88.73	-242.61	1.02
24063	-0.61	3.10	-13.00	719.61	769.46	-669.90	88.77	8.90	-131.91
24064	-1.83	3.10	-13.00	718.38	769.34	-667.89	61.80	-1.71	-130.20
24065	-3.06	3.10	-13.00	712.68	766.99	-665.97	35.77	-11.77	-127.21
24066	-4.28	3.10	-13.00	702.76	762.45	-664.23	10.84	-21.34	-122.91
24067	-5.50	3.10	-13.00	688.86	755.73	-662.80	-12.83	-30.53	-117.24
24068	-6.72	3.10	-13.00	671.21	746.84	-661.82	-35.07	-39.60	-110.14
24069	-7.94	3.10	-13.00	649.92	735.76	-661.44	-55.72	-48.89	-101.50
24070	-9.17	3.10	-13.00	624.98	722.49	-661.77	-74.60	-58.84	-91.23
24071	-10.39	3.10	-13.00	596.20	707.05	-662.81	-91.50	-69.96	-79.25
24072	-11.61	3.10	-13.00	563.17	689.51	-664.42	-106.15	-82.72	-65.52
24073	-12.83	3.10	-13.00	525.26	669.96	-666.18	-118.14	-97.43	-50.11
24074	-14.05	3.10	-13.00	481.84	648.48	-667.41	-126.93	-113.99	-33.21
24075	-15.28	3.10	-13.00	432.41	625.04	-667.19	-131.91	-131.69	-15.16
24076	-16.50	3.10	-13.00	377.00	599.57	-664.50	-132.54	-149.00	3.45
24077	-17.72	3.10	-13.00	316.46	571.94	-658.45	-128.51	-163.68	21.47
24078	-18.94	3.10	-13.00	252.92	541.98	-648.98	-118.45	-173.20	38.39
24079	-0.61	2.50	-13.00	692.47	729.05	-646.65	89.52	8.93	-135.80
24080	-1.84	2.50	-13.00	691.69	728.93	-644.61	61.73	-1.00	-134.15
24081	-3.07	2.50	-13.00	686.60	726.83	-642.63	34.89	-10.38	-131.23
24082	-4.30	2.50	-13.00	677.44	722.76	-640.80	9.17	-19.25	-127.03
24083	-5.52	2.50	-13.00	664.48	716.76	-639.26	-15.26	-27.74	-121.50
24084	-6.75	2.50	-13.00	647.91	708.82	-638.14	-38.25	-36.07	-114.59
24085	-7.98	2.50	-13.00	627.86	698.95	-637.59	-59.63	-44.59	-106.22
24086	-9.21	2.50	-13.00	604.31	687.13	-637.74	-79.22	-53.76	-96.29
24087	-10.43	2.50	-13.00	577.07	673.37	-638.61	-96.80	-64.10	-84.72
24088	-11.66	2.50	-13.00	545.73	657.68	-640.08	-112.07	-76.11	-71.47
24089	-12.89	2.50	-13.00	509.68	640.11	-641.78	-124.62	-90.14	-56.54
24090	-14.12	2.50	-13.00	468.28	620.63	-643.08	-133.94	-106.13	-40.05
24091	-15.34	2.50	-13.00	421.02	599.18	-643.06	-139.45	-123.41	-22.29
24092	-16.57	2.50	-13.00	367.87	575.65	-640.73	-140.65	-140.46	-3.78
24093	-17.80	2.50	-13.00	309.57	550.07	-635.15	-137.21	-155.04	14.40
24094	-19.03	2.50	-13.00	248.01	521.92	-626.06	-127.69	-164.57	31.69
24095	-0.61	3.10	-14.33	863.21	961.76	-655.59	99.46	5.32	28.96
24096	-1.83	3.10	-14.33	862.72	962.10	-653.89	63.38	1.68	29.55
24097	-3.06	3.10	-14.33	857.45	960.07	-652.20	28.50	-1.76	30.60
24098	-4.28	3.10	-14.33	847.70	955.71	-650.56	-5.00	-5.01	32.12
24099	-5.50	3.10	-14.33	833.75	949.03	-648.98	-36.88	-8.14	34.15
24100	-6.72	3.10	-14.33	815.74	940.01	-647.51	-66.91	-11.24	36.70
24101	-7.94	3.10	-14.33	793.67	928.60	-646.16	-94.81	-14.47	39.84
24102	-9.17	3.10	-14.33	767.23	914.68	-644.97	-120.25	-18.04	43.62
24103	-10.39	3.10	-14.33	735.81	898.12	-643.94	-142.85	-22.16	48.07
24104	-11.61	3.10	-14.33	698.44	878.76	-643.04	-162.12	-27.05	53.22
24105	-12.83	3.10	-14.33	653.87	856.43	-642.17	-177.48	-32.85	59.05
24106	-14.05	3.10	-14.33	600.81	830.86	-641.19	-188.19	-39.52	65.50
24107	-15.28	3.10	-14.33	538.34	801.77	-639.90	-193.58	-46.78	72.44
24108	-16.50	3.10	-14.33	466.33	768.89	-638.07	-193.16	-53.97	79.57
24109	-17.72	3.10	-14.33	385.86	732.27	-635.50	-186.97	-60.12	86.52
24110	-18.94	3.10	-14.33	299.16	692.23	-631.80	-177.59	-64.51	88.49
24111	-0.61	2.50	-14.33	822.78	869.15	-634.55	99.73	5.34	28.11
24112	-1.84	2.50	-14.33	822.87	869.46	-632.84	62.75	1.93	28.69
24113	-3.07	2.50	-14.33	818.34	867.69	-631.14	26.99	-1.26	29.72
24114	-4.30	2.50	-14.33	809.53	863.87	-629.47	-7.36	-4.27	31.21
24115	-5.52	2.50	-14.33	796.70	858.03	-627.88	-40.08	-7.13	33.18
24116	-6.75	2.50	-14.33	780.04	850.16	-626.38	-70.94	-9.96	35.66
24117	-7.98	2.50	-14.33	759.54	840.21	-625.01	-99.67	-12.90	38.69
24118	-9.21	2.50	-14.33	734.90	828.08	-623.80	-125.94	-16.16	42.32
24119	-10.43	2.50	-14.33	705.53	813.63	-622.76	-149.38	-19.97	46.58
24120	-11.66	2.50	-14.33	670.46	796.66	-621.85	-169.48	-24.56	51.53
24121	-12.89	2.50	-14.33	628.44	776.91	-621.00	-185.65	-30.08	57.15
24122	-14.12	2.50	-14.33	578.18	754.05	-620.07	-197.19	-36.53	63.41
24123	-15.34	2.50	-14.33	518.69	727.71	-618.87	-203.43	-43.61	70.19
24124	-16.57	2.50	-14.33	449.77	697.63	-617.15	-203.91	-50.69	77.26
24125	-17.80	2.50	-14.33	372.48	663.67	-614.74	-198.66	-56.74	84.24
24126	-19.03	2.50	-14.33	288.96	628.13	-610.92	-189.93	-60.82	86.41
24127	-20.06	2.50	-11.67	153.32	391.84	-621.26	-76.19	-243.12	30.91
24128	-19.98	3.10	-11.67	156.29	408.45	-647.61	-68.49	-254.50	39.29
24129	-20.91	2.50	-11.67	97.15	364.96	-581.14	-56.33	-221.88	61.97
24130	-20.83	3.10	-11.67	98.19	378.98	-605.02	-48.03	-231.06	69.03
24131	-21.75	2.50	-11.67	50.51	337.66	-539.95	-32.24	-176.70	90.84
24132	-21.68	3.10	-11.67	50.46	348.84	-561.44	-23.65	-182.28	95.84
24133	-22.60	2.50	-11.67	17.48	309.14	-507.78	-6.95	-112.51	116.96
24134	-22.52	3.10	-11.67	16.69	319.04	-527.12	1.57	-113.58	120.03
24135	-23.44	2.50	-11.67	2.98	286.17	-503.26	10.05	-38.17	144.81
24136	-23.37	3.10	-11.67	1.99	280.49	-520.65	17.58	-36.83	140.10
24137	-20.06	2.50	-13.00	179.02	487.23	-611.84	-109.73	-165.31	50.29
24138	-19.98	3.10	-13.00	181.56	504.91	-634.35	-99.90	-173.44	56.36
24139	-20.91	2.50	-13.00	108.76	447.18	-593.08	-81.63	-150.27	70.12
24140	-20.83	3.10	-13.00	108.80	461.29	-614.80	-71.15	-156.82	75.15
24141	-21.75	2.50	-13.00	52.70	407.53	-573.17	-48.44	-116.70	89.36
24142	-21.68	3.10	-13.00	51.41	417.33	-593.89	-37.66	-120.58	92.79
24143	-22.60	2.50	-13.00	16.69	367.73	-556.76	-11.05	-67.83	111.33
24144	-22.52	3.10	-13.00	14.92	376.37	-575.96	-0.50	-68.11	113.43
24145	-23.44	2.50	-13.00	2.40	340.63	-562.23	10.00	-16.91	136.77
24146	-23.37	3.10	-13.00	0.31	327.11	-580.36	18.75	-13.18	131.34
24147	-20.06	2.50	-14.33	194.18	582.28	-606.21	-163.34	-62.62	84.94
24148	-19.98	3.10	-14.33	200.55	638.02	-627.58	-150.07	-66.24	86.58
24149	-20.91	2.50	-14.33	97.49	525.69	-600.85	-120.12	-57.18	88.59
24150	-20.83	3.10	-14.33	99.77	573.92	-622.33	-105.74	-59.91	89.75
24151	-21.75	2.50	-14.33	22.60	469.17	-594.76	-74.56	-42.99	96.68
24152	-21.68	3.10	-14.33	22.52	512.33	-615.86	-59.85	-44.67	97.10
24153	-22.60	2.50	-14.33	-15.72	416.40	-589.23	-24.44	-20.60	101.28
24154	-22.52	3.10	-14.33	-15.78	454.48	-610.02	-9.41	-20.49	101.88
24155	-23.44	2.50	-14.33	-10.61	369.70	-591.07	42.62	1.83	148.86
24156	-23.37	3.10	-14.33	-7.56	401.23	-609.53	55.41	6.27	143.66

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]
24157	18.86	7.26	-11.67	107.04	370.16	-853.34	250.17	396.69	116.06
24158	19.24	6.18	-11.67	91.02	349.91	-801.63	295.37	369.52	114.06
24159	19.56	5.08	-11.67	76.76	333.00	-748.83	339.36	336.16	113.41
24160	19.82	3.96	-11.67	62.64	322.18	-696.94	380.07	297.27	112.00
24161	19.75	7.26	-11.67	47.28	291.18	-793.89	241.10	354.38	149.03
24162	20.12	6.18	-11.67	39.60	275.76	-748.65	292.01	327.25	159.41
24163	20.42	5.08	-11.67	31.98	267.37	-702.96	343.21	293.99	170.52
24164	20.67	3.96	-11.67	21.53	266.89	-657.78	390.14	255.65	178.82
24165	20.64	7.26	-11.67	17.42	194.86	-725.76	230.74	278.16	188.57
24166	20.99	6.18	-11.67	22.35	189.82	-689.16	297.21	254.60	221.54
24167	21.29	5.08	-11.67	17.86	199.93	-653.82	359.90	223.41	251.37
24168	21.53	3.96	-11.67	5.56	213.76	-617.86	411.86	189.19	271.98
24169	21.53	7.26	-11.67	54.30	71.39	-638.32	252.86	206.26	266.22
24170	21.87	6.18	-11.67	63.25	113.90	-611.66	352.69	186.30	348.52
24171	22.15	5.07	-11.67	44.43	159.62	-594.04	421.54	151.49	401.13
24172	22.38	3.96	-11.67	18.50	186.33	-570.02	467.74	119.25	435.52
24173	22.42	7.26	-11.67	162.12	26.96	-241.22	367.10	168.95	688.18
24174	22.75	6.17	-11.67	146.53	143.31	-298.05	474.44	119.28	859.05
24175	23.02	5.07	-11.67	97.49	196.56	-381.95	524.00	60.07	946.60
24176	23.24	3.96	-11.67	47.75	199.93	-447.19	554.72	27.03	1002.06
24177	18.86	7.26	-13.00	94.20	446.64	-861.37	315.33	269.18	111.26
24178	19.24	6.18	-13.00	74.60	419.22	-811.87	368.64	251.28	113.00
24179	19.56	5.08	-13.00	58.36	400.49	-758.61	420.26	229.07	114.69
24180	19.82	3.96	-13.00	42.48	387.05	-706.48	467.49	202.32	114.23
24181	19.75	7.26	-13.00	21.38	341.02	-838.24	296.43	242.01	131.40
24182	20.12	6.18	-13.00	11.23	321.27	-792.12	353.69	225.39	144.26
24183	20.42	5.08	-13.00	2.49	313.57	-742.00	409.68	203.34	156.95
24184	20.67	3.96	-13.00	-7.96	313.40	-692.27	460.39	175.88	165.67
24185	20.64	7.26	-13.00	-12.75	227.07	-811.14	270.50	195.50	160.48
24186	20.99	6.18	-13.00	-14.55	219.91	-765.83	333.27	183.41	194.76
24187	21.29	5.08	-13.00	-20.00	228.72	-718.62	391.39	161.99	225.62
24188	21.53	3.96	-13.00	-29.58	243.50	-672.41	441.50	133.98	247.25
24189	21.53	7.26	-13.00	-8.75	118.01	-716.63	235.19	141.04	246.80
24190	21.87	6.18	-13.00	-13.00	133.14	-675.59	297.64	128.09	319.91
24191	22.15	5.07	-13.00	-22.59	163.84	-646.33	347.38	102.43	374.30
24192	22.38	3.96	-13.00	-31.90	193.39	-622.17	384.06	73.94	411.56
24193	22.42	7.26	-13.00	-38.81	-0.29	-672.55	98.83	-31.73	370.11
24194	22.75	6.17	-13.00	-38.83	30.89	-647.31	122.83	-44.26	467.52
24195	23.02	5.07	-13.00	-37.04	76.46	-637.74	139.01	-53.58	536.10
24196	23.24	3.96	-13.00	-31.42	122.09	-625.39	147.35	-44.78	571.93
24197	18.86	7.26	-14.33	60.49	517.00	-864.80	398.89	105.21	100.53
24198	19.24	6.18	-14.33	38.66	492.31	-816.35	464.88	98.50	96.49
24199	19.56	5.08	-14.33	20.70	478.86	-765.91	529.05	90.26	97.35
24200	19.82	3.96	-14.33	5.39	478.57	-714.36	587.92	80.15	103.16
24201	19.75	7.26	-14.33	-47.43	372.52	-863.48	362.60	97.23	102.67
24202	20.12	6.18	-14.33	-59.70	357.92	-815.58	432.46	91.39	104.85
24203	20.42	5.08	-14.33	-67.99	358.85	-765.51	499.28	82.83	111.06
24204	20.67	3.96	-14.33	-73.07	375.94	-714.09	559.45	71.45	120.86
24205	20.64	7.26	-14.33	-122.46	227.13	-854.58	317.01	83.12	115.76
24206	20.99	6.18	-14.33	-127.99	225.02	-806.49	382.96	78.49	127.75
24207	21.29	5.08	-14.33	-127.09	242.86	-757.69	444.06	68.81	142.13
24208	21.53	3.96	-14.33	-120.20	279.00	-708.10	498.43	55.47	157.84
24209	21.53	7.26	-14.33	-152.91	93.38	-836.49	234.71	43.22	136.33
24210	21.87	6.18	-14.33	-152.54	104.35	-788.54	281.66	36.58	161.26
24211	22.15	5.07	-14.33	-141.91	142.49	-743.08	322.25	27.64	184.51
24212	22.38	3.96	-14.33	-120.53	197.23	-698.39	355.32	18.70	206.27
24213	22.42	7.26	-14.33	-72.10	-16.48	-835.83	78.04	-39.41	205.78
24214	22.75	6.17	-14.33	-68.46	20.28	-791.15	92.20	-44.09	232.69
24215	23.02	5.07	-14.33	-60.39	76.89	-748.56	97.15	-44.04	258.21
24216	23.24	3.96	-14.33	-46.70	147.28	-703.14	96.43	-34.16	279.92
24217	0.61	3.95	-11.67	621.87	655.68	-744.77	95.41	30.44	-229.10
24218	1.82	3.95	-11.67	615.74	651.53	-747.47	114.69	50.44	-227.85
24219	3.03	3.95	-11.67	604.93	645.05	-750.23	134.34	71.05	-224.60
24220	4.24	3.95	-11.67	589.46	636.22	-753.12	154.25	92.19	-219.24
24221	5.45	3.95	-11.67	569.40	625.06	-756.21	174.38	113.80	-211.64
24222	6.67	3.95	-11.67	544.90	611.58	-759.61	194.67	135.85	-201.61
24223	7.88	3.96	-11.67	516.18	595.83	-763.36	215.09	158.30	-188.93
24224	9.09	3.96	-11.67	483.46	577.90	-767.43	235.62	181.10	-173.37
24225	10.30	3.96	-11.67	446.97	557.94	-771.57	256.19	204.15	-154.72
24226	11.51	3.96	-11.67	406.92	536.14	-775.30	276.70	227.23	-132.85
24227	12.73	3.96	-11.67	363.45	512.73	-777.75	296.85	249.93	-107.72
24228	13.94	3.96	-11.67	316.74	487.84	-777.73	316.14	271.53	-79.40
24229	15.15	3.96	-11.67	267.18	461.35	-773.77	333.90	290.82	-48.08
24230	16.36	3.96	-11.67	215.54	432.86	-764.52	349.42	305.98	-14.03
24231	17.57	3.96	-11.67	163.35	401.65	-749.14	362.06	314.59	22.57
24232	18.78	3.96	-11.67	113.13	367.01	-727.81	371.66	313.87	61.85
24233	0.60	5.05	-11.67	656.58	710.51	-803.00	91.49	32.06	-210.79
24234	1.79	5.05	-11.67	650.66	705.94	-805.89	108.87	53.85	-209.65
24235	2.99	5.06	-11.67	639.91	698.77	-809.03	126.56	76.31	-206.50
24236	4.18	5.06	-11.67	624.35	688.98	-812.45	144.49	99.41	-201.24
24237	5.38	5.06	-11.67	604.06	676.57	-816.25	162.62	123.13	-193.73
24238	6.58	5.06	-11.67	579.19	661.53	-820.49	180.88	147.46	-183.74
24239	7.77	5.06	-11.67	549.95	643.89	-825.19	199.26	172.39	-171.05
24240	8.97	5.07	-11.67	516.58	623.70	-830.27	217.73	197.88	-155.39
24241	10.16	5.07	-11.67	479.32	601.09	-835.40	236.28	223.78	-136.57
24242	11.36	5.07	-11.67	438.34	576.25	-839.92	254.82	249.77	-114.51
24243	12.55	5.07	-11.67	393.68	549.49	-842.78	273.09	275.34	-89.35
24244	13.75	5.07	-11.67	345.40	521.04	-842.55	290.51	299.67	-61.39
24245	14.94	5.08	-11.67	293.79	490.88	-837.63	306.25	321.53	-31.10
24246	16.14	5.08	-11.67	239.65	458.58	-826.60	319.40	339.10	1.04
24247	17.33	5.08	-11.67	184.62	423.31	-808.73	329.21	349.98	34.66
24248	18.53	5.08	-11.67	131.34	384.24	-784.35	335.49	351.31	69.70
24249	0.59	6.15	-11.67	688.33	761.52	-862.98	86.90	33.44	-189.99
24250	1.76	6.15	-11.67	682.57	756.61	-865.98	102.17	56.85	-188.95
24251	2.94	6.16	-11.67	671.91	748.93	-869.45	117.71	81.00	-185.90
24252	4.11	6.16	-11.67	656.34	738.45	-873.42	133.45	105.89	-180.74
24253	5.29	6.16	-11.67	635.93	725.15	-877.93	149.35	131.52	-173.29
24254	6.46	6.16	-11.67	610.85	709.00	-883.02	165.36	157.92	-163.35
24255	7.64	6.16	-11.67	581.30	690.00	-888.70	181.44	185.13	-150.65

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]
24256	8.81	6.17	-11.67	547.53	668.17	-894.80	197.57	213.09	-134.93
24257	9.99	6.17	-11.67	509.79	643.57	-900.93	213.74	241.60	-115.98
24258	11.16	6.17	-11.67	468.24	616.38	-906.28	229.93	270.23	-93.79
24259	12.34	6.17	-11.67	422.85	586.92	-909.57	245.94	298.28	-68.67
24260	13.51	6.17	-11.67	373.50	555.55	-909.10	261.20	324.81	-41.23
24261	14.69	6.18	-11.67	320.33	522.36	-903.07	274.75	348.57	-12.26
24262	15.86	6.18	-11.67	264.12	486.98	-890.05	285.48	367.85	17.49
24263	17.04	6.18	-11.67	206.60	448.52	-869.49	292.51	380.37	47.55
24264	18.21	6.18	-11.67	150.44	406.10	-842.00	295.68	383.31	77.72
24265	0.58	7.25	-11.67	716.69	804.82	-922.36	81.76	34.52	-164.98
24266	1.73	7.25	-11.67	711.05	799.66	-925.34	94.82	59.41	-164.11
24267	2.88	7.25	-11.67	700.50	791.70	-929.05	108.09	85.07	-161.20
24268	4.03	7.25	-11.67	685.01	780.83	-933.46	121.53	111.54	-156.14
24269	5.18	7.25	-11.67	664.65	767.03	-938.57	135.09	138.86	-148.79
24270	6.33	7.26	-11.67	639.56	750.26	-944.38	148.72	167.08	-138.94
24271	7.48	7.26	-11.67	609.93	730.51	-950.84	162.37	196.26	-126.36
24272	8.63	7.26	-11.67	576.02	707.77	-957.75	176.01	226.37	-110.76
24273	9.78	7.26	-11.67	538.08	682.04	-964.66	189.61	257.18	-91.93
24274	10.93	7.26	-11.67	496.31	653.42	-970.66	203.14	288.11	-69.89
24275	12.08	7.26	-11.67	450.67	622.14	-974.30	216.54	318.24	-45.09
24276	13.23	7.26	-11.67	400.83	588.67	-973.59	229.37	346.48	-18.43
24277	14.38	7.26	-11.67	346.73	553.18	-966.45	240.57	371.52	8.96
24278	15.53	7.26	-11.67	289.08	515.40	-951.41	248.91	391.83	36.07
24279	16.68	7.26	-11.67	229.67	474.49	-928.27	253.38	405.37	62.33
24280	17.83	7.26	-11.67	171.21	429.79	-898.01	253.93	409.42	87.42
24281	0.61	3.95	-13.00	754.23	831.06	-709.39	113.79	20.88	-121.87
24282	1.82	3.95	-13.00	746.05	826.04	-711.51	140.65	33.48	-121.03
24283	3.03	3.95	-13.00	732.62	818.32	-713.69	167.93	46.58	-118.82
24284	4.24	3.95	-13.00	713.80	807.81	-715.97	195.47	60.14	-115.16
24285	5.45	3.95	-13.00	689.54	794.44	-718.38	223.13	74.16	-109.94
24286	6.67	3.95	-13.00	659.79	778.13	-720.96	250.76	88.67	-102.99
24287	7.88	3.96	-13.00	624.57	758.77	-723.74	278.20	103.69	-94.12
24288	9.09	3.96	-13.00	583.94	736.31	-726.69	305.30	119.20	-83.16
24289	10.30	3.96	-13.00	537.94	710.75	-729.70	331.91	135.13	-69.94
24290	11.51	3.96	-13.00	486.67	682.19	-732.52	357.80	151.30	-54.39
24291	12.73	3.96	-13.00	430.27	650.80	-734.74	382.58	167.32	-36.54
24292	13.94	3.96	-13.00	369.13	616.72	-735.81	405.64	182.60	-16.54
24293	15.15	3.96	-13.00	304.09	579.88	-735.08	426.22	196.17	5.41
24294	16.36	3.96	-13.00	236.70	539.94	-731.98	443.58	206.70	29.02
24295	17.57	3.96	-13.00	169.30	496.34	-726.09	457.10	212.63	53.71
24296	18.78	3.96	-13.00	105.43	448.23	-717.82	465.26	212.49	79.76
24297	0.60	5.05	-13.00	800.58	910.08	-764.04	109.42	21.79	-109.45
24298	1.79	5.05	-13.00	792.73	904.47	-766.28	134.05	35.61	-108.64
24299	2.99	5.06	-13.00	779.40	895.74	-768.69	159.03	49.96	-106.42
24300	4.18	5.06	-13.00	760.48	883.80	-771.27	184.21	64.86	-102.69
24301	5.38	5.06	-13.00	735.87	868.54	-774.07	209.43	80.34	-97.34
24302	6.58	5.06	-13.00	705.53	849.83	-777.13	234.52	96.46	-90.19
24303	7.77	5.06	-13.00	669.48	827.51	-780.44	259.34	113.24	-81.03
24304	8.97	5.07	-13.00	627.76	801.46	-783.98	283.74	130.67	-69.66
24305	10.16	5.07	-13.00	580.45	771.62	-787.58	307.61	148.64	-55.92
24306	11.36	5.07	-13.00	527.63	738.13	-790.91	330.83	166.84	-39.82
24307	12.55	5.07	-13.00	469.34	701.36	-793.44	353.11	184.80	-21.58
24308	13.75	5.07	-13.00	405.82	661.76	-794.48	373.83	201.82	-1.62
24309	14.94	5.08	-13.00	337.79	619.48	-793.32	392.03	216.98	19.58
24310	16.14	5.08	-13.00	266.80	574.18	-789.31	406.72	229.00	41.54
24311	17.33	5.08	-13.00	195.32	525.12	-782.10	417.15	236.41	63.62
24312	18.53	5.08	-13.00	127.05	470.85	-772.16	421.91	237.78	85.97
24313	0.59	6.15	-13.00	843.24	982.33	-821.01	104.20	22.61	-97.61
24314	1.76	6.15	-13.00	835.64	976.20	-823.31	126.28	37.59	-96.84
24315	2.94	6.16	-13.00	822.41	966.61	-825.91	148.63	53.15	-94.56
24316	4.11	6.16	-13.00	803.41	953.44	-828.80	171.09	69.32	-90.72
24317	5.29	6.16	-13.00	778.55	936.57	-832.01	193.51	86.17	-85.17
24318	6.46	6.16	-13.00	747.76	915.81	-835.56	215.71	103.79	-77.73
24319	7.64	6.16	-13.00	711.03	890.97	-839.46	237.50	122.25	-68.18
24320	8.81	6.17	-13.00	668.42	861.82	-843.65	258.74	141.52	-56.29
24321	9.99	6.17	-13.00	620.07	828.22	-847.94	279.34	161.43	-41.88
24322	11.16	6.17	-13.00	566.11	790.24	-851.94	299.34	181.53	-25.00
24323	12.34	6.17	-13.00	506.53	748.44	-854.97	318.71	201.12	-6.12
24324	13.51	6.17	-13.00	441.33	703.75	-856.11	336.95	219.37	13.92
24325	14.69	6.18	-13.00	370.95	656.83	-854.44	352.89	235.41	34.18
24326	15.86	6.18	-13.00	296.91	607.47	-849.28	365.09	248.23	53.96
24327	17.04	6.18	-13.00	221.82	554.54	-840.36	372.55	256.54	72.68
24328	18.21	6.18	-13.00	149.51	496.15	-828.30	374.02	258.97	90.70
24329	0.58	7.25	-13.00	883.39	1051.00	-873.53	98.44	23.26	-86.25
24330	1.73	7.25	-13.00	875.96	1044.46	-875.84	117.71	39.39	-85.52
24331	2.88	7.25	-13.00	862.83	1034.21	-878.58	137.17	56.10	-83.16
24332	4.03	7.25	-13.00	843.83	1020.11	-881.75	156.67	73.46	-79.13
24333	5.18	7.25	-13.00	818.83	1002.00	-885.35	176.05	91.58	-73.31
24334	6.33	7.26	-13.00	787.75	979.70	-889.39	195.11	110.58	-65.54
24335	7.48	7.26	-13.00	750.55	952.98	-893.87	213.64	130.55	-55.58
24336	8.63	7.26	-13.00	707.28	921.55	-898.74	231.44	151.51	-43.17
24337	9.78	7.26	-13.00	658.12	885.12	-903.83	248.41	173.24	-28.06
24338	10.93	7.26	-13.00	603.36	843.57	-908.76	264.69	195.14	-10.27
24339	12.08	7.26	-13.00	543.13	797.41	-912.70	280.64	216.15	9.59
24340	13.23	7.26	-13.00	477.11	748.19	-914.38	296.24	235.17	30.12
24341	14.38	7.26	-13.00	405.28	697.34	-912.39	310.15	251.33	49.61
24342	15.53	7.26	-13.00	328.89	645.01	-905.87	320.35	264.15	66.91
24343	16.68	7.26	-13.00	250.82	589.64	-894.89	325.21	272.89	81.81
24344	17.83	7.26	-13.00	175.17	528.36	-880.62	323.72	276.14	95.30
24345	0.61	3.95	-14.33	907.46	1045.05	-694.12	133.48	9.08	24.42
24346	1.82	3.95	-14.33	897.75	1039.12	-695.86	169.66	13.48	24.69
24347	3.03	3.95	-14.33	882.13	1030.17	-697.62	206.37	18.07	25.46
24348	4.24	3.95	-14.33	860.37	1018.06	-699.40	243.41	22.86	26.76
24349	5.45	3.95	-14.33	832.23	1002.63	-701.21	280.58	27.87	28.65
24350	6.67	3.95	-14.33	797.49	983.71	-703.07	317.64	33.11	31.20
24351	7.88	3.96	-14.33	755.94	961.08	-704.97	354.31	38.61	34.50
24352	9.09	3.96	-14.33	707.36	934.51	-706.92	390.31	44.38	38.62
24353	10.30	3.96	-14.33	651.52	903.83	-708.88	425.30	50.42	43.63
24354	11.51	3.96	-14.33	588.26	868.93	-710.80	458.86	56.67	49.59

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]
24355	12.73	3.96	-14.33	517.54	829.78	-712.59	490.38	62.98	56.46
24356	13.94	3.96	-14.33	439.68	786.34	-714.13	519.10	69.10	64.21
24357	15.15	3.96	-14.33	355.73	738.36	-715.27	544.11	74.65	72.74
24358	16.36	3.96	-14.33	267.67	685.46	-715.89	564.63	79.06	81.88
24359	17.57	3.96	-14.33	178.51	627.35	-715.88	580.33	81.67	91.39
24360	18.78	3.96	-14.33	92.03	563.55	-715.05	592.31	82.41	97.43
24361	0.60	5.05	-14.33	965.11	1133.55	-745.73	128.22	9.16	22.98
24362	1.79	5.05	-14.33	955.87	1126.79	-747.54	161.85	14.00	23.26
24363	2.99	5.06	-14.33	940.47	1116.44	-749.39	195.91	19.05	24.07
24364	4.18	5.06	-14.33	918.65	1102.36	-751.30	230.20	24.33	25.44
24365	5.38	5.06	-14.33	890.16	1084.34	-753.26	264.49	29.88	27.44
24366	6.58	5.06	-14.33	854.74	1062.13	-755.29	298.52	35.72	30.13
24367	7.77	5.06	-14.33	812.13	1035.40	-757.39	332.00	41.89	33.61
24368	8.97	5.07	-14.33	762.10	1003.84	-759.55	364.64	48.42	37.98
24369	10.16	5.07	-14.33	704.40	967.17	-761.74	396.14	55.27	43.31
24370	11.36	5.07	-14.33	638.85	925.35	-763.87	426.21	62.31	49.59
24371	12.55	5.07	-14.33	565.32	878.62	-765.83	454.38	69.36	56.72
24372	13.75	5.07	-14.33	483.99	827.36	-767.44	479.87	76.14	64.50
24373	14.94	5.08	-14.33	395.81	771.68	-768.56	501.56	82.27	72.72
24374	16.14	5.08	-14.33	302.81	711.23	-769.02	518.47	87.21	81.11
24375	17.33	5.08	-14.33	208.11	645.50	-768.73	530.21	90.31	89.28
24376	18.53	5.08	-14.33	115.52	574.61	-767.32	537.52	91.55	93.72
24377	0.59	6.15	-14.33	1019.90	1220.40	-797.77	122.15	9.44	27.64
24378	1.76	6.15	-14.33	1011.05	1212.91	-799.58	152.76	14.72	27.98
24379	2.94	6.16	-14.33	995.81	1201.31	-801.47	183.70	20.23	28.90
24380	4.11	6.16	-14.33	973.94	1185.42	-803.45	214.74	25.99	30.44
24381	5.29	6.16	-14.33	945.15	1165.00	-805.52	245.63	32.07	32.66
24382	6.46	6.16	-14.33	909.13	1139.71	-807.68	276.08	38.50	35.63
24383	7.64	6.16	-14.33	865.59	1109.14	-809.94	305.77	45.34	39.46
24384	8.81	6.17	-14.33	814.25	1072.83	-812.29	334.39	52.61	44.27
24385	9.99	6.17	-14.33	754.92	1030.34	-814.71	361.66	60.26	50.16
24386	11.16	6.17	-14.33	687.47	981.55	-817.07	387.51	68.08	57.09
24387	12.34	6.17	-14.33	611.80	927.09	-819.20	411.85	75.76	64.83
24388	13.51	6.17	-14.33	527.85	868.24	-820.86	434.12	82.92	72.89
24389	14.69	6.18	-14.33	436.25	806.05	-821.81	452.91	89.24	80.78
24390	15.86	6.18	-14.33	339.05	740.31	-821.91	466.63	94.35	88.14
24391	17.04	6.18	-14.33	239.64	670.26	-821.01	474.71	97.59	94.54
24392	18.21	6.18	-14.33	141.58	595.90	-818.68	477.99	99.09	96.41
24393	0.58	7.25	-14.33	1071.36	1303.30	-848.22	115.30	9.90	37.68
24394	1.73	7.25	-14.33	1062.77	1295.22	-849.99	142.44	15.66	38.08
24395	2.88	7.25	-14.33	1047.65	1282.48	-851.88	169.80	21.65	39.20
24396	4.03	7.25	-14.33	1025.72	1264.90	-853.91	197.15	27.90	41.03
24397	5.18	7.25	-14.33	996.66	1242.20	-856.07	224.20	34.49	43.61
24398	6.33	7.26	-14.33	960.13	1214.02	-858.37	250.64	41.49	47.04
24399	7.48	7.26	-14.33	915.77	1179.87	-860.82	276.09	48.98	51.42
24400	8.63	7.26	-14.33	863.25	1139.12	-863.42	300.16	56.99	56.91
24401	9.78	7.26	-14.33	802.40	1091.04	-866.16	322.56	65.48	63.69
24402	10.93	7.26	-14.33	733.32	1035.12	-868.98	343.36	74.14	71.82
24403	12.08	7.26	-14.33	656.14	972.07	-871.60	363.18	82.42	80.93
24404	13.23	7.26	-14.33	570.64	904.66	-873.60	382.37	89.69	90.08
24405	14.38	7.26	-14.33	476.75	836.35	-874.48	399.45	95.56	97.95
24406	15.53	7.26	-14.33	376.15	768.02	-873.97	411.31	100.19	103.75
24407	16.68	7.26	-14.33	272.93	697.10	-872.13	416.38	103.36	107.56
24408	17.83	7.26	-14.33	170.56	623.80	-868.42	416.63	105.13	105.56
24409	-18.78	3.96	-11.67	219.91	459.09	-721.02	-70.43	-271.55	25.77
24410	-17.57	3.96	-11.67	270.16	481.85	-742.54	-77.82	-258.80	-0.22
24411	-16.36	3.96	-11.67	317.70	503.27	-755.66	-80.75	-237.99	-27.27
24412	-15.15	3.96	-11.67	361.13	523.52	-760.90	-79.50	-213.35	-54.46
24413	-13.94	3.96	-11.67	400.19	542.83	-760.08	-74.79	-188.13	-80.85
24414	-12.73	3.96	-11.67	435.33	561.31	-755.60	-67.36	-164.34	-105.68
24415	-11.51	3.96	-11.67	467.19	578.82	-749.66	-57.93	-142.81	-128.44
24416	-10.30	3.96	-11.67	496.29	595.10	-743.91	-47.01	-123.52	-148.83
24417	-9.09	3.96	-11.67	522.90	609.85	-739.33	-34.89	-106.01	-166.73
24418	-7.88	3.96	-11.67	547.02	622.84	-736.32	-21.71	-89.66	-182.15
24419	-6.67	3.95	-11.67	568.44	633.91	-734.89	-7.53	-73.87	-195.17
24420	-5.45	3.95	-11.67	586.84	642.94	-734.83	7.62	-58.08	-205.94
24421	-4.24	3.95	-11.67	601.87	649.87	-735.83	23.68	-41.90	-214.56
24422	-3.03	3.95	-11.67	613.18	654.64	-737.56	40.58	-25.04	-221.13
24423	-1.82	3.95	-11.67	620.44	657.22	-739.74	58.24	-7.39	-225.73
24424	-0.61	3.95	-11.67	623.39	657.57	-742.18	76.54	11.11	-228.38
24425	-18.53	5.08	-11.67	231.69	491.76	-776.57	-54.42	-291.95	48.99
24426	-17.33	5.08	-11.67	283.96	517.07	-800.54	-62.59	-279.76	24.72
24427	-16.14	5.08	-11.67	333.81	540.88	-815.95	-66.37	-259.21	-1.39
24428	-14.94	5.08	-11.67	379.64	563.41	-823.03	-65.90	-234.44	-28.36
24429	-13.75	5.07	-11.67	420.98	584.98	-823.41	-61.90	-208.61	-55.21
24430	-12.55	5.07	-11.67	458.16	605.71	-819.41	-55.21	-183.70	-80.97
24431	-11.36	5.07	-11.67	491.83	625.38	-813.36	-46.67	-160.57	-104.90
24432	-10.16	5.07	-11.67	522.57	643.65	-807.08	-36.83	-139.36	-126.47
24433	-8.97	5.07	-11.67	550.71	660.13	-801.74	-25.94	-119.75	-145.40
24434	-7.77	5.06	-11.67	576.24	674.57	-797.90	-14.10	-101.27	-161.64
24435	-6.58	5.06	-11.67	598.93	686.82	-795.67	-1.34	-83.38	-175.30
24436	-5.38	5.06	-11.67	618.45	696.77	-794.89	12.31	-65.57	-186.53
24437	-4.18	5.06	-11.67	634.44	704.38	-795.26	26.79	-47.46	-195.50
24438	-2.99	5.06	-11.67	646.53	709.58	-796.48	42.03	-28.74	-202.34
24439	-1.79	5.05	-11.67	654.40	712.35	-798.28	57.97	-9.27	-207.14
24440	-0.60	5.05	-11.67	657.79	712.64	-800.45	74.49	10.99	-209.96
24441	-18.21	6.18	-11.67	245.58	522.58	-832.46	-36.91	-310.24	73.04
24442	-17.04	6.18	-11.67	299.27	550.39	-858.92	-45.75	-298.71	50.85
24443	-15.86	6.18	-11.67	350.88	576.54	-876.80	-50.35	-278.76	26.12
24444	-14.69	6.18	-11.67	398.60	601.28	-886.00	-50.67	-254.34	-0.29
24445	-13.51	6.17	-11.67	441.74	625.03	-887.80	-47.44	-228.37	-27.35
24446	-12.34	6.17	-11.67	480.51	647.86	-884.46	-41.66	-202.66	-53.93
24447	-11.16	6.17	-11.67	515.57	669.49	-878.42	-34.23	-178.12	-78.97
24448	-9.99	6.17	-11.67	547.62	689.45	-871.73	-25.70	-155.04	-101.67
24449	-8.81	6.17	-11.67	577.00	707.34	-865.75	-16.25	-133.33	-121.58
24450	-7.64	6.16	-11.67	603.66	722.94	-861.19	-5.92	-112.70	-138.61
24451	-6.46	6.16	-11.67	627.37	736.13	-858.23	5.26	-92.71	-152.87
24452	-5.29	6.16	-11.67	647.77	746.84	-856.78	17.24	-72.91	-164.57
24453	-4.11	6.16	-11.67	664.50	755.01	-856.56	29.97	-52.90	-173.90



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]
24454	-2.94	6.16	-11.67	677.19	760.59	-857.28	43.38	-32.38	-181.03
24455	-1.76	6.15	-11.67	685.54	763.53	-858.67	57.41	-11.18	-186.05
24456	-0.59	6.15	-11.67	689.29	763.81	-860.55	71.95	10.77	-189.03
24457	-17.83	7.26	-11.67	261.67	549.00	-885.73	-18.07	-326.43	98.11
24458	-16.68	7.26	-11.67	316.20	579.16	-914.41	-27.47	-315.59	78.23
24459	-15.53	7.26	-11.67	368.98	607.61	-934.73	-32.84	-296.53	55.15
24460	-14.38	7.26	-11.67	418.03	634.49	-946.13	-33.99	-272.86	29.61
24461	-13.23	7.26	-11.67	462.40	660.19	-949.47	-31.70	-247.09	2.63
24462	-12.08	7.26	-11.67	502.24	684.77	-946.95	-27.04	-220.83	-24.43
24463	-10.93	7.26	-11.67	538.28	707.90	-941.16	-21.01	-195.02	-50.21
24464	-9.78	7.26	-11.67	571.31	729.05	-934.39	-14.02	-170.14	-73.66
24465	-8.63	7.26	-11.67	601.61	747.89	-928.14	-6.15	-146.39	-94.21
24466	-7.48	7.26	-11.67	629.10	764.28	-923.19	2.56	-123.68	-111.73
24467	-6.33	7.26	-11.67	653.51	778.14	-919.79	12.06	-101.69	-126.37
24468	-5.18	7.25	-11.67	674.49	789.42	-917.90	22.29	-79.99	-138.38
24469	-4.03	7.25	-11.67	691.69	798.05	-917.28	33.15	-58.19	-147.99
24470	-2.88	7.25	-11.67	704.77	803.95	-917.65	44.59	-35.96	-155.37
24471	-1.73	7.25	-11.67	713.45	807.03	-918.67	56.54	-13.11	-160.64
24472	-0.58	7.25	-11.67	717.46	807.28	-920.19	68.97	10.41	-163.83
24473	-18.78	3.96	-13.00	261.99	577.69	-686.31	-104.10	-184.81	52.74
24474	-17.57	3.96	-13.00	328.08	610.54	-696.53	-114.76	-175.42	36.83
24475	-16.36	3.96	-13.00	391.45	640.78	-703.35	-119.56	-160.76	19.25
24476	-15.15	3.96	-13.00	449.75	668.91	-706.62	-119.65	-143.28	0.68
24477	-13.94	3.96	-13.00	501.98	695.10	-707.17	-115.38	-125.18	-17.72
24478	-12.73	3.96	-13.00	548.02	719.43	-706.03	-107.35	-107.95	-35.25
24479	-11.51	3.96	-13.00	588.32	741.81	-704.15	-96.25	-92.35	-51.43
24480	-10.30	3.96	-13.00	623.55	762.02	-702.29	-82.62	-78.53	-65.95
24481	-9.09	3.96	-13.00	654.35	779.82	-700.92	-66.86	-66.26	-78.64
24482	-7.88	3.96	-13.00	681.12	795.09	-700.25	-49.18	-55.15	-89.50
24483	-6.67	3.95	-13.00	704.04	807.80	-700.30	-29.77	-44.73	-98.59
24484	-5.45	3.95	-13.00	723.11	817.97	-700.99	-8.79	-34.59	-106.03
24485	-4.24	3.95	-13.00	738.19	825.62	-702.17	13.60	-24.37	-111.95
24486	-3.03	3.95	-13.00	749.09	830.77	-703.71	37.22	-13.82	-116.44
24487	-1.82	3.95	-13.00	755.55	833.40	-705.47	61.90	-2.81	-119.57
24488	-0.61	3.95	-13.00	757.33	833.49	-707.36	87.47	8.74	-121.38
24489	-18.53	5.08	-13.00	274.88	621.14	-740.68	-83.58	-198.65	70.13
24490	-17.33	5.08	-13.00	343.77	657.26	-752.29	-95.04	-189.61	55.84
24491	-16.14	5.08	-13.00	410.30	690.46	-760.31	-100.74	-175.26	39.32
24492	-14.94	5.08	-13.00	471.87	721.74	-764.46	-101.63	-157.90	21.12
24493	-13.75	5.07	-13.00	527.28	751.42	-765.52	-98.16	-139.59	2.41
24494	-12.55	5.07	-13.00	576.28	779.55	-764.49	-91.11	-121.75	-16.00
24495	-11.36	5.07	-13.00	619.31	805.78	-762.40	-81.30	-105.11	-33.36
24496	-10.16	5.07	-13.00	657.12	829.57	-760.12	-69.28	-89.92	-49.11
24497	-8.97	5.07	-13.00	690.32	850.49	-758.24	-55.31	-76.12	-62.90
24498	-7.77	5.06	-13.00	719.30	868.34	-757.04	-39.50	-63.44	-74.66
24499	-6.58	5.06	-13.00	744.18	883.13	-756.60	-21.99	-51.50	-84.45
24500	-5.38	5.06	-13.00	764.94	894.91	-756.84	-2.92	-39.92	-92.43
24501	-4.18	5.06	-13.00	781.43	903.74	-757.64	17.52	-28.35	-98.75
24502	-2.99	5.06	-13.00	793.46	909.68	-758.85	39.15	-16.52	-103.55
24503	-1.79	5.05	-13.00	800.80	912.71	-760.35	61.79	-4.27	-106.90
24504	-0.60	5.05	-13.00	803.21	912.81	-762.06	85.27	8.48	-108.87
24505	-18.21	6.18	-13.00	289.86	658.59	-796.59	-61.28	-210.64	86.52
24506	-17.04	6.18	-13.00	360.78	697.38	-809.97	-73.51	-202.05	74.33
24507	-15.86	6.18	-13.00	429.76	733.11	-819.55	-79.94	-188.34	59.47
24508	-14.69	6.18	-13.00	493.95	767.22	-824.85	-81.37	-171.63	42.10
24509	-13.51	6.17	-13.00	551.87	800.39	-826.51	-78.45	-153.67	23.18
24510	-12.34	6.17	-13.00	603.16	832.54	-825.53	-72.35	-135.58	3.75
24511	-11.16	6.17	-13.00	648.37	862.84	-823.11	-64.07	-118.06	-15.06
24512	-9.99	6.17	-13.00	688.36	890.29	-820.32	-54.01	-101.51	-32.25
24513	-8.81	6.17	-13.00	723.72	914.25	-817.86	-42.19	-86.12	-47.29
24514	-7.64	6.16	-13.00	754.71	934.58	-816.12	-28.57	-71.81	-60.04
24515	-6.46	6.16	-13.00	781.35	951.35	-815.17	-13.24	-58.32	-70.60
24516	-5.29	6.16	-13.00	803.60	964.70	-814.98	3.63	-45.27	-79.17
24517	-4.11	6.16	-13.00	821.32	974.73	-815.40	21.83	-32.33	-85.96
24518	-2.94	6.16	-13.00	834.35	981.50	-816.31	41.18	-19.22	-91.11
24519	-1.76	6.15	-13.00	842.46	985.01	-817.56	61.47	-5.76	-94.74
24520	-0.59	6.15	-13.00	845.46	985.25	-819.10	82.54	8.17	-96.91
24521	-17.83	7.26	-13.00	308.56	694.74	-848.25	-37.28	-221.02	101.92
24522	-16.68	7.26	-13.00	380.77	736.22	-863.51	-50.25	-212.75	92.14
24523	-15.53	7.26	-13.00	451.59	774.10	-875.01	-57.22	-199.91	79.48
24524	-14.38	7.26	-13.00	517.76	810.81	-881.68	-58.81	-184.44	63.25
24525	-13.23	7.26	-13.00	577.39	847.48	-883.77	-56.22	-167.40	44.03
24526	-12.08	7.26	-13.00	630.18	883.71	-882.45	-51.19	-149.36	23.24
24527	-10.93	7.26	-13.00	676.99	917.94	-879.35	-44.83	-131.01	2.76
24528	-9.78	7.26	-13.00	718.83	948.62	-875.84	-37.16	-113.06	-15.94
24529	-8.63	7.26	-13.00	756.08	975.13	-872.76	-27.76	-96.04	-32.15
24530	-7.48	7.26	-13.00	788.80	997.52	-870.47	-16.53	-80.11	-45.78
24531	-6.33	7.26	-13.00	816.94	1015.98	-869.04	-3.57	-65.08	-57.04
24532	-5.18	7.25	-13.00	840.43	1030.72	-868.43	10.90	-50.59	-66.18
24533	-4.03	7.25	-13.00	859.16	1041.85	-868.51	26.65	-36.31	-73.42
24534	-2.88	7.25	-13.00	873.00	1049.44	-869.16	43.46	-21.96	-78.95
24535	-1.73	7.25	-13.00	881.76	1053.50	-870.24	61.15	-7.33	-82.91
24536	-0.58	7.25	-13.00	885.27	1054.00	-871.68	79.53	7.74	-85.36
24537	-18.78	3.96	-14.33	308.37	740.04	-669.15	-158.66	-69.45	86.25
24538	-17.57	3.96	-14.33	398.67	783.98	-673.03	-169.56	-64.99	84.35
24539	-16.36	3.96	-14.33	483.07	824.17	-675.76	-176.82	-58.84	77.68
24540	-15.15	3.96	-14.33	559.05	860.71	-677.70	-178.41	-51.59	70.53
24541	-13.94	3.96	-14.33	625.41	893.63	-679.04	-174.19	-44.18	63.41
24542	-12.73	3.96	-14.33	682.15	923.11	-680.00	-164.66	-37.24	56.65
24543	-11.51	3.96	-14.33	730.12	949.31	-680.81	-150.57	-31.09	50.44
24544	-10.30	3.96	-14.33	770.59	972.26	-681.61	-132.65	-25.78	44.92
24545	-9.09	3.96	-14.33	804.80	991.99	-682.52	-111.48	-21.20	40.14
24546	-7.88	3.96	-14.33	833.70	1008.57	-683.59	-87.48	-17.19	36.09
24547	-6.67	3.95	-14.33	857.90	1022.14	-684.81	-61.02	-13.52	32.74
24548	-5.45	3.95	-14.33	877.71	1032.83	-686.17	-32.42	-10.02	30.03
24549	-4.24	3.95	-14.33	893.17	1040.76	-687.65	-1.97	-6.52	27.90
24550	-3.03	3.95	-14.33	904.13	1045.96	-689.20	30.07	-2.91	26.30
24551	-1.82	3.95	-14.33	910.36	1048.42	-690.80	63.45	0.87	25.21
24552	-0.61	3.95	-14.33	911.57	1048.12	-692.43	97.98	4.85	24.59

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]
24553	-18.53	5.08	-14.33	319.38	778.78	-721.71	-132.13	-74.71	87.35
24554	-17.33	5.08	-14.33	413.52	825.59	-726.12	-144.76	-70.48	86.13
24555	-16.14	5.08	-14.33	502.16	869.83	-729.10	-153.29	-64.56	80.12
24556	-14.94	5.08	-14.33	582.64	910.88	-731.18	-156.15	-57.41	73.16
24557	-13.75	5.07	-14.33	653.54	948.87	-732.54	-153.23	-49.96	65.89
24558	-12.55	5.07	-14.33	714.62	983.89	-733.44	-145.18	-42.81	58.71
24559	-11.36	5.07	-14.33	766.66	1015.71	-734.08	-132.90	-36.24	51.91
24560	-10.16	5.07	-14.33	810.92	1043.88	-734.67	-117.09	-30.38	45.77
24561	-8.97	5.07	-14.33	848.58	1068.13	-735.35	-98.18	-25.19	40.44
24562	-7.77	5.06	-14.33	880.56	1088.45	-736.19	-76.47	-20.54	35.94
24563	-6.58	5.06	-14.33	907.42	1105.02	-737.20	-52.28	-16.28	32.23
24564	-5.38	5.06	-14.33	929.45	1118.05	-738.37	-25.93	-12.23	29.24
24565	-4.18	5.06	-14.33	946.73	1127.70	-739.67	2.26	-8.22	26.89
24566	-2.99	5.06	-14.33	959.15	1134.07	-741.07	32.02	-4.14	25.13
24567	-1.79	5.05	-14.33	966.52	1137.18	-742.54	63.07	0.09	23.90
24568	-0.60	5.05	-14.33	968.57	1136.98	-744.06	95.21	4.51	23.19
24569	-18.21	6.18	-14.33	334.21	815.57	-773.73	-104.10	-78.74	94.86
24570	-17.04	6.18	-14.33	431.22	863.63	-778.93	-117.72	-74.80	95.26
24571	-15.86	6.18	-14.33	522.98	910.33	-782.42	-127.11	-69.34	90.30
24572	-14.69	6.18	-14.33	607.08	955.03	-784.82	-130.67	-62.62	83.80
24573	-13.51	6.17	-14.33	681.67	998.08	-786.31	-128.45	-55.46	76.38
24574	-12.34	6.17	-14.33	746.29	1039.39	-787.15	-121.64	-48.31	68.52
24575	-11.16	6.17	-14.33	801.79	1077.79	-787.60	-111.41	-41.41	60.79
24576	-9.99	6.17	-14.33	849.48	1111.93	-787.95	-98.20	-34.97	53.73
24577	-8.81	6.17	-14.33	890.41	1141.16	-788.39	-82.08	-29.10	47.61
24578	-7.64	6.16	-14.33	925.32	1165.49	-789.01	-63.15	-23.79	42.48
24579	-6.46	6.16	-14.33	954.67	1185.26	-789.84	-41.68	-18.90	38.28
24580	-5.29	6.16	-14.33	978.78	1200.79	-790.85	-18.01	-14.27	34.89
24581	-4.11	6.16	-14.33	997.74	1212.33	-792.02	7.50	-9.73	32.23
24582	-2.94	6.16	-14.33	1011.51	1220.03	-793.30	34.54	-5.17	30.21
24583	-1.76	6.15	-14.33	1019.93	1223.95	-794.68	62.82	-0.49	28.78
24584	-0.59	6.15	-14.33	1022.78	1224.04	-796.13	92.11	4.38	27.91
24585	-17.83	7.26	-14.33	352.55	847.45	-824.29	-75.48	-81.72	108.49
24586	-16.68	7.26	-14.33	451.20	894.15	-830.69	-89.42	-77.86	111.89
24587	-15.53	7.26	-14.33	545.21	941.39	-835.02	-99.20	-73.01	108.81
24588	-14.38	7.26	-14.33	632.23	988.40	-837.92	-102.26	-67.25	103.27
24589	-13.23	7.26	-14.33	709.50	1037.18	-839.43	-99.56	-60.94	95.39
24590	-12.08	7.26	-14.33	776.68	1086.60	-839.90	-93.78	-54.01	86.06
24591	-10.93	7.26	-14.33	835.06	1133.17	-839.84	-86.13	-46.75	76.67
24592	-9.78	7.26	-14.33	885.92	1174.13	-839.73	-76.23	-39.63	68.17
24593	-8.63	7.26	-14.33	929.97	1208.70	-839.81	-63.45	-33.00	60.95
24594	-7.48	7.26	-14.33	967.63	1237.24	-840.16	-47.72	-26.97	54.99
24595	-6.33	7.26	-14.33	999.30	1260.38	-840.77	-29.35	-21.42	50.12
24596	-5.18	7.25	-14.33	1025.29	1278.60	-841.60	-8.75	-16.19	46.20
24597	-4.03	7.25	-14.33	1045.77	1292.22	-842.64	13.67	-11.10	43.11
24598	-2.88	7.25	-14.33	1060.75	1301.44	-843.83	37.58	-6.03	40.76
24599	-1.73	7.25	-14.33	1070.12	1306.37	-845.16	62.66	-0.89	39.07
24600	-0.58	7.25	-14.33	1073.72	1306.98	-846.61	88.65	4.43	38.02
24601	-23.24	3.96	-11.67	5.46	286.54	-545.15	31.42	-32.38	137.21
24602	-22.38	3.96	-11.67	18.52	330.79	-556.27	12.93	-117.01	124.07
24603	-21.53	3.96	-11.67	52.71	364.77	-593.73	-11.29	-191.02	103.94
24604	-20.67	3.96	-11.67	101.65	398.29	-640.55	-35.77	-244.05	80.55
24605	-19.82	3.96	-11.67	161.96	431.26	-686.42	-56.77	-270.11	53.28
24606	-23.02	5.07	-11.67	12.51	305.14	-580.76	50.49	-28.04	138.67
24607	-22.15	5.07	-11.67	24.24	347.18	-596.08	29.27	-122.30	129.21
24608	-21.29	5.08	-11.67	58.19	385.44	-637.75	5.62	-202.75	114.98
24609	-20.42	5.08	-11.67	108.48	423.17	-688.62	-18.57	-260.38	96.81
24610	-19.56	5.08	-11.67	171.27	460.50	-738.64	-40.03	-289.27	73.73
24611	-22.75	6.17	-11.67	19.95	322.57	-620.21	68.37	-24.84	138.38
24612	-21.87	6.18	-11.67	31.99	363.58	-636.45	47.25	-127.01	133.84
24613	-20.99	6.18	-11.67	66.12	404.42	-682.01	23.86	-213.58	125.64
24614	-20.12	6.18	-11.67	117.80	446.22	-736.91	-0.07	-275.33	113.22
24615	-19.24	6.18	-11.67	183.05	487.89	-791.16	-21.91	-306.56	94.71
24616	-22.42	7.26	-11.67	27.78	336.52	-658.50	85.38	-22.59	137.38
24617	-21.53	7.26	-11.67	40.97	376.10	-675.05	65.79	-131.52	138.15
24618	-20.64	7.26	-11.67	76.29	419.57	-724.30	43.18	-223.57	136.67
24619	-19.75	7.26	-11.67	129.69	465.13	-783.12	19.52	-288.94	130.32
24620	-18.86	7.26	-11.67	197.43	511.05	-841.38	-2.61	-322.03	116.60
24621	-23.24	3.96	-13.00	4.64	336.70	-608.09	35.89	-6.14	133.49
24622	-22.38	3.96	-13.00	16.21	392.39	-608.01	13.18	-69.95	117.84
24623	-21.53	3.96	-13.00	52.83	439.37	-627.54	-22.13	-126.77	100.99
24624	-20.67	3.96	-13.00	111.92	488.06	-649.90	-55.66	-166.03	85.77
24625	-19.82	3.96	-13.00	187.66	536.87	-670.72	-84.97	-184.43	69.06
24626	-23.02	5.07	-13.00	12.58	360.41	-651.43	58.68	-0.93	135.56
24627	-22.15	5.07	-13.00	21.02	413.02	-654.91	32.56	-73.21	120.92
24628	-21.29	5.08	-13.00	56.89	466.31	-676.37	-1.29	-135.13	108.76
24629	-20.42	5.08	-13.00	118.03	520.70	-700.51	-34.15	-177.52	97.47
24630	-19.56	5.08	-13.00	197.18	575.54	-723.31	-63.76	-197.66	84.07
24631	-22.75	6.17	-13.00	20.44	379.23	-699.10	79.51	1.65	132.73
24632	-21.87	6.18	-13.00	27.92	431.80	-703.01	53.72	-76.26	121.79
24633	-20.99	6.18	-13.00	63.60	488.96	-726.03	20.86	-142.62	114.33
24634	-20.12	6.18	-13.00	126.87	548.66	-752.02	-11.20	-187.83	107.55
24635	-19.24	6.18	-13.00	209.32	609.02	-777.02	-40.91	-209.26	97.82
24636	-22.42	7.26	-13.00	29.89	399.77	-741.92	99.23	3.57	126.66
24637	-21.53	7.26	-13.00	37.41	449.86	-746.98	75.39	-78.80	120.13
24638	-20.64	7.26	-13.00	74.19	510.80	-771.61	44.13	-149.29	118.23
24639	-19.75	7.26	-13.00	139.95	575.13	-799.50	13.04	-197.08	116.35
24640	-18.86	7.26	-13.00	225.69	641.01	-826.61	-16.56	-219.55	110.51
24641	-23.24	3.96	-14.33	-4.64	413.96	-643.46	70.43	12.26	133.95
24642	-22.38	3.96	-14.33	-19.21	476.50	-646.18	9.50	-21.92	97.30
24643	-21.53	3.96	-14.33	19.85	539.87	-652.44	-39.32	-47.50	93.47
24644	-20.67	3.96	-14.33	100.13	608.19	-659.30	-85.37	-63.99	87.17
24645	-19.82	3.96	-14.33	205.57	680.12	-664.71	-130.34	-71.08	84.52
24646	-23.02	5.07	-14.33	-1.02	418.18	-692.79	90.57	15.42	125.76
24647	-22.15	5.07	-14.33	-22.53	486.69	-696.88	33.97	-23.98	93.20
24648	-21.29	5.08	-14.33	17.27	557.99	-703.44	-11.91	-51.14	90.92
24649	-20.42	5.08	-14.33	101.36	634.54	-710.67	-57.23	-68.81	86.45
24650	-19.56	5.08	-14.33	211.95	714.41	-716.57	-102.51	-76.39	85.10
24651	-22.75	6.17	-14.33	5.04	423.73	-742.58	113.03	16.64	122.94

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]
24652	-21.87	6.18	-14.33	-21.36	498.77	-747.03	61.05	-25.77	93.03
24653	-20.99	6.18	-14.33	19.49	576.76	-753.71	17.02	-54.15	92.58
24654	-20.12	6.18	-14.33	107.37	660.02	-761.43	-27.07	-72.92	90.23
24655	-19.24	6.18	-14.33	222.80	747.24	-767.87	-73.02	-80.70	90.77
24656	-22.42	7.26	-14.33	12.16	427.85	-790.54	138.93	17.91	125.31
24657	-21.53	7.26	-14.33	-16.67	513.60	-795.19	88.43	-26.98	94.77
24658	-20.64	7.26	-14.33	26.84	594.15	-802.21	46.81	-56.46	97.65
24659	-19.75	7.26	-14.33	118.57	683.05	-810.45	4.48	-76.41	97.61
24660	-18.86	7.26	-14.33	238.45	777.09	-817.40	-42.71	-84.29	100.86
24661	18.52	8.10	-11.67	121.44	387.31	-892.97	214.69	414.16	121.04
24662	19.42	8.10	-11.67	55.09	305.31	-829.64	202.47	371.44	144.13
24663	20.33	8.10	-11.67	13.36	211.81	-755.16	186.45	292.80	169.37
24664	21.23	8.10	-11.67	20.82	67.45	-672.10	168.69	202.52	197.21
24665	22.14	8.10	-11.67	122.74	-83.82	-272.17	231.23	165.46	484.57
24666	18.24	8.70	-11.67	133.53	400.95	-921.50	189.50	424.34	127.81
24667	19.16	8.70	-11.67	62.91	318.14	-855.77	175.41	380.79	144.04
24668	20.07	8.70	-11.67	14.23	222.91	-780.17	156.89	301.17	159.15
24669	20.99	8.70	-11.67	-1.72	105.12	-695.11	136.07	196.22	170.68
24670	21.91	8.70	-11.67	17.01	-132.80	-404.48	116.97	97.35	313.67
24671	18.52	8.10	-13.00	112.54	470.73	-895.80	273.31	280.80	110.71
24672	19.42	8.10	-13.00	31.93	361.24	-870.11	252.63	252.27	123.02
24673	20.33	8.10	-13.00	-12.58	242.58	-842.82	222.67	199.87	136.71
24674	21.23	8.10	-13.00	-11.27	120.15	-758.58	183.08	138.41	187.40
24675	22.14	8.10	-13.00	-33.96	-2.24	-707.83	78.51	-23.39	283.44
24676	18.24	8.70	-13.00	127.50	485.27	-918.47	243.28	287.78	115.30
24677	19.16	8.70	-13.00	41.52	373.47	-891.69	221.63	258.19	122.11
24678	20.07	8.70	-13.00	-11.07	254.33	-862.67	191.30	201.92	127.61
24679	20.99	8.70	-13.00	-18.97	127.62	-795.98	147.60	128.33	154.26
24680	21.91	8.70	-13.00	-21.67	8.16	-740.84	68.61	-15.28	235.26
24681	18.52	8.10	-14.33	83.78	558.27	-898.92	347.50	109.97	105.77
24682	19.42	8.10	-14.33	-32.35	406.85	-897.23	308.24	100.54	102.84
24683	20.33	8.10	-14.33	-112.62	254.65	-889.38	264.08	83.76	108.62
24684	21.23	8.10	-14.33	-144.24	114.56	-873.61	196.13	45.52	117.38
24685	22.14	8.10	-14.33	-67.77	-4.68	-867.27	60.83	-34.24	184.89
24686	18.24	8.70	-14.33	107.13	613.02	-919.87	311.37	112.93	106.68
24687	19.16	8.70	-14.33	-15.36	456.47	-918.01	270.54	102.25	100.30
24688	20.07	8.70	-14.33	-100.20	303.46	-911.04	227.05	82.56	101.27
24689	20.99	8.70	-14.33	-130.52	158.88	-897.58	167.06	44.99	103.46
24690	21.91	8.70	-14.33	-57.22	50.82	-885.87	47.67	-32.09	161.26
24691	17.50	8.10	-11.67	189.06	448.73	-940.54	220.48	426.51	98.45
24692	17.23	8.70	-11.67	203.61	463.52	-970.66	196.27	436.41	109.24
24693	16.37	8.10	-11.67	248.77	494.79	-972.46	221.61	421.84	77.24
24694	16.11	8.70	-11.67	263.48	510.26	-1003.34	198.46	431.35	90.63
24695	15.24	8.10	-11.67	309.14	537.13	-997.31	218.94	407.80	53.94
24696	15.00	8.70	-11.67	324.01	553.08	-1029.01	196.99	417.19	69.35
24697	14.11	8.10	-11.67	367.41	576.40	-1013.72	212.50	387.01	28.93
24698	13.89	8.70	-11.67	382.43	593.17	-1046.06	191.99	396.12	45.65
24699	12.98	8.10	-11.67	421.76	613.11	-1021.64	203.36	361.14	2.96
24700	12.78	8.70	-11.67	436.48	630.37	-1054.47	184.41	369.48	20.79
24701	11.85	8.10	-11.67	471.57	647.53	-1022.59	192.62	331.79	-22.68
24702	11.67	8.70	-11.67	486.05	665.15	-1055.73	175.25	339.51	-3.78
24703	10.73	8.10	-11.67	517.10	679.56	-1018.88	181.51	300.27	-46.82
24704	10.56	8.70	-11.67	531.35	697.48	-1052.27	165.93	307.24	-27.32
24705	9.60	8.10	-11.67	558.82	708.59	-1012.68	170.18	267.76	-68.39
24706	9.45	8.70	-11.67	572.88	726.45	-1046.29	156.13	273.76	-48.43
24707	8.47	8.10	-11.67	596.69	734.62	-1005.49	158.65	235.41	-86.82
24708	8.34	8.70	-11.67	610.53	752.54	-1039.20	146.10	240.59	-66.47
24709	7.34	8.10	-11.67	630.50	757.61	-998.23	147.00	203.88	-102.12
24710	7.22	8.70	-11.67	644.10	775.54	-1031.94	135.88	208.30	-81.56
24711	6.21	8.10	-11.67	659.98	777.54	-991.39	135.28	173.39	-114.50
24712	6.11	8.70	-11.67	673.32	795.48	-1024.99	125.54	177.08	-93.86
24713	5.08	8.10	-11.67	684.91	794.46	-985.19	123.53	143.95	-124.21
24714	5.00	8.70	-11.67	697.99	812.38	-1018.65	115.16	146.94	-103.55
24715	3.95	8.10	-11.67	705.09	808.38	-979.75	111.84	115.48	-131.47
24716	3.89	8.70	-11.67	717.93	826.28	-1013.04	104.81	117.79	-110.82
24717	2.82	8.10	-11.67	720.41	819.32	-975.08	100.24	87.91	-136.44
24718	2.78	8.70	-11.67	733.05	837.20	-1008.23	94.53	89.55	-115.81
24719	1.69	8.10	-11.67	730.81	827.32	-971.22	88.78	61.17	-139.24
24720	1.67	8.70	-11.67	743.28	845.14	-1004.26	84.38	62.13	-118.62
24721	0.56	8.10	-11.67	736.34	832.54	-968.28	77.45	35.20	-139.89
24722	0.56	8.70	-11.67	748.72	850.21	-1001.21	74.29	35.39	-119.15
24723	17.50	8.10	-13.00	197.96	555.31	-916.63	283.34	287.49	99.35
24724	17.23	8.70	-13.00	216.10	570.72	-939.82	254.06	294.23	107.20
24725	16.37	8.10	-13.00	275.62	618.36	-932.38	286.87	283.56	89.23
24726	16.11	8.70	-13.00	294.39	634.82	-956.32	258.71	289.71	99.29
24727	15.24	8.10	-13.00	355.50	674.89	-945.22	283.65	274.69	77.59
24728	15.00	8.70	-13.00	375.10	692.60	-970.40	256.37	280.94	89.54
24729	14.11	8.10	-13.00	433.11	729.00	-952.78	274.76	262.42	62.24
24730	13.89	8.70	-13.00	453.22	748.13	-978.39	248.55	269.32	75.23
24731	12.98	8.10	-13.00	505.37	782.24	-954.51	262.46	246.47	43.09
24732	12.78	8.70	-13.00	524.91	802.09	-979.66	237.60	253.26	56.39
24733	11.85	8.10	-13.00	571.37	834.09	-951.85	249.22	226.96	22.02
24734	11.67	8.70	-13.00	590.49	854.65	-976.17	226.35	233.35	35.52
24735	10.73	8.10	-13.00	631.71	882.51	-946.83	236.41	204.86	1.47
24736	10.56	8.70	-13.00	650.70	903.39	-970.56	216.09	210.50	15.09
24737	9.60	8.10	-13.00	686.86	925.49	-941.07	223.31	181.58	-16.78
24738	9.45	8.70	-13.00	705.82	946.02	-964.67	205.13	186.26	-2.79
24739	8.47	8.10	-13.00	736.38	962.95	-935.38	209.25	158.53	-32.08
24740	8.34	8.70	-13.00	755.29	983.38	-959.03	193.09	162.53	-17.63
24741	7.34	8.10	-13.00	779.90	995.22	-930.05	194.18	136.44	-44.63
24742	7.22	8.70	-13.00	798.67	1015.57	-953.77	179.94	139.84	-29.89
24743	6.21	8.10	-13.00	817.22	1022.66	-925.17	178.27	115.43	-54.75
24744	6.11	8.70	-13.00	835.77	1042.98	-948.95	165.89	118.27	-39.83
24745	5.08	8.10	-13.00	848.31	1045.55	-920.78	161.75	95.48	-62.69
24746	5.00	8.70	-13.00	866.63	1065.87	-944.61	151.20	97.76	-47.68
24747	3.95	8.10	-13.00	873.25	1064.14	-916.91	144.85	76.45	-68.66
24748	3.89	8.70	-13.00	891.33	1084.43	-940.77	136.10	78.19	-53.59
24749	2.82	8.10	-13.00	892.13	1078.59	-913.54	127.77	58.22	-72.81
24750	2.78	8.70	-13.00	909.99	1098.84	-937.43	120.80	59.43	-57.70

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]
24751	1.69	8.10	-13.00	905.12	1089.05	-910.68	110.70	40.66	-75.23
24752	1.67	8.70	-13.00	922.76	1109.21	-934.62	105.46	41.32	-60.08
24753	0.56	8.10	-13.00	912.39	1095.66	-908.34	93.76	23.63	-75.90
24754	0.56	8.70	-13.00	929.81	1115.67	-932.30	90.24	23.69	-60.72
24755	17.50	8.10	-14.33	199.10	668.82	-903.08	368.42	109.44	115.62
24756	17.23	8.70	-14.33	226.78	729.69	-923.34	334.15	111.95	119.51
24757	16.37	8.10	-14.33	304.16	740.34	-907.77	370.20	107.02	121.44
24758	16.11	8.70	-14.33	332.81	799.81	-928.46	338.02	108.57	128.54
24759	15.24	8.10	-14.33	410.00	809.19	-910.59	367.12	103.99	120.79
24760	15.00	8.70	-14.33	439.98	862.88	-932.40	335.85	105.75	131.75
24761	14.11	8.10	-14.33	512.82	878.00	-911.64	354.75	100.55	116.69
24762	13.89	8.70	-14.33	544.00	931.06	-933.79	320.70	103.92	128.70
24763	12.98	8.10	-14.33	607.53	952.92	-910.39	337.88	95.52	107.87
24764	12.78	8.70	-14.33	638.02	1013.72	-931.73	303.88	99.47	117.25
24765	11.85	8.10	-14.33	693.61	1029.54	-907.52	321.41	88.20	96.63
24766	11.67	8.70	-14.33	724.29	1098.49	-927.79	290.17	91.98	103.11
24767	10.73	8.10	-14.33	771.82	1100.87	-904.01	306.03	79.34	85.51
24768	10.56	8.70	-14.33	803.26	1176.09	-923.47	278.77	82.50	89.52
24769	9.60	8.10	-14.33	842.25	1162.86	-900.53	289.86	69.86	75.89
24770	9.45	8.70	-14.33	874.60	1241.74	-919.62	266.16	72.22	78.32
24771	8.47	8.10	-14.33	904.27	1215.42	-897.34	271.61	60.67	68.12
24772	8.34	8.70	-14.33	937.21	1296.91	-916.26	250.91	62.61	69.63
24773	7.34	8.10	-14.33	957.61	1259.77	-894.42	251.31	52.10	61.88
24774	7.22	8.70	-14.33	990.88	1343.45	-913.25	233.37	53.73	62.57
24775	6.21	8.10	-14.33	1002.53	1296.89	-891.72	229.42	44.14	56.85
24776	6.11	8.70	-14.33	1035.95	1382.43	-910.50	214.10	45.47	56.85
24777	5.08	8.10	-14.33	1039.40	1327.51	-889.22	206.37	36.69	52.88
24778	5.00	8.70	-14.33	1072.88	1414.58	-907.98	193.59	37.74	52.30
24779	3.95	8.10	-14.33	1068.64	1352.14	-886.91	182.57	29.69	49.86
24780	3.89	8.70	-14.33	1102.10	1440.45	-905.67	172.25	30.46	48.80
24781	2.82	8.10	-14.33	1090.61	1371.20	-884.78	158.38	23.04	47.68
24782	2.78	8.70	-14.33	1123.99	1460.44	-903.54	150.45	23.54	46.24
24783	1.69	8.10	-14.33	1105.64	1384.93	-882.82	134.10	16.67	46.32
24784	1.67	8.70	-14.33	1138.88	1474.83	-901.60	128.52	16.89	44.59
24785	0.56	8.10	-14.33	1114.05	1393.52	-881.05	110.01	10.47	45.81
24786	0.56	8.70	-14.33	1147.06	1483.68	-899.85	106.80	10.36	43.90
24787	-17.50	8.10	-11.67	275.82	566.59	-925.57	-2.46	-337.95	120.14
24788	-16.37	8.10	-11.67	330.62	598.52	-955.58	-12.18	-327.69	102.24
24789	-15.24	8.10	-11.67	383.92	628.68	-977.53	-18.11	-309.47	80.51
24790	-14.11	8.10	-11.67	433.59	657.14	-990.49	-20.03	-286.49	55.73
24791	-12.98	8.10	-11.67	478.55	684.08	-995.02	-18.69	-260.90	29.11
24792	-11.85	8.10	-11.67	518.86	709.61	-993.25	-15.11	-234.25	2.18
24793	-10.73	8.10	-11.67	555.40	733.51	-987.94	-10.39	-207.54	-23.66
24794	-9.60	8.10	-11.67	588.98	755.13	-981.47	-4.70	-181.31	-47.22
24795	-8.47	8.10	-11.67	619.77	774.37	-975.36	1.89	-156.04	-67.79
24796	-7.34	8.10	-11.67	647.66	791.14	-970.41	9.30	-131.82	-85.31
24797	-6.21	8.10	-11.67	672.37	805.34	-966.91	17.46	-108.37	-99.96
24798	-5.08	8.10	-11.67	693.56	816.94	-964.86	26.26	-85.30	-111.99
24799	-3.95	8.10	-11.67	710.92	825.86	-964.09	35.61	-62.20	-121.65
24800	-2.82	8.10	-11.67	724.13	831.98	-964.30	45.42	-38.76	-129.17
24801	-1.69	8.10	-11.67	732.92	835.11	-965.15	55.64	-14.76	-134.75
24802	-0.56	8.10	-11.67	737.04	835.19	-966.37	66.31	9.91	-138.37
24803	-17.23	8.70	-11.67	287.50	578.51	-953.33	9.08	-345.29	137.57
24804	-16.11	8.70	-11.67	341.99	611.58	-983.95	-0.78	-335.58	121.15
24805	-15.00	8.70	-11.67	395.25	642.62	-1006.73	-7.12	-317.99	100.31
24806	-13.89	8.70	-11.67	445.25	672.10	-1020.49	-9.69	-295.43	76.05
24807	-12.78	8.70	-11.67	490.16	699.65	-1025.80	-9.07	-269.69	49.90
24808	-11.67	8.70	-11.67	530.64	725.71	-1024.67	-6.38	-242.80	23.54
24809	-10.56	8.70	-11.67	567.47	750.00	-1019.88	-2.73	-215.56	-2.03
24810	-9.45	8.70	-11.67	601.28	771.72	-1013.81	2.06	-188.37	-25.38
24811	-8.34	8.70	-11.67	632.26	791.18	-1007.87	7.72	-162.19	-45.66
24812	-7.22	8.70	-11.67	660.27	808.11	-1002.88	14.19	-137.04	-62.97
24813	-6.11	8.70	-11.67	685.03	822.47	-999.19	21.37	-112.67	-77.44
24814	-5.00	8.70	-11.67	706.22	834.25	-996.88	29.14	-88.73	-89.32
24815	-3.89	8.70	-11.67	723.55	843.37	-995.89	37.38	-64.83	-98.88
24816	-2.78	8.70	-11.67	736.71	849.70	-996.04	46.00	-40.69	-106.44
24817	-1.67	8.70	-11.67	745.44	853.01	-997.09	54.92	-16.07	-112.35
24818	-0.56	8.70	-11.67	749.50	852.98	-998.86	64.26	9.16	-116.87
24819	-17.50	8.10	-13.00	325.68	719.34	-883.55	-17.25	-228.50	113.79
24820	-16.37	8.10	-13.00	398.44	763.14	-900.08	-30.77	-220.32	105.94
24821	-15.24	8.10	-13.00	470.32	802.65	-913.30	-37.97	-208.27	95.27
24822	-14.11	8.10	-13.00	537.59	841.39	-920.99	-39.55	-194.15	79.95
24823	-12.98	8.10	-13.00	597.98	880.52	-922.94	-37.27	-178.02	60.28
24824	-11.85	8.10	-13.00	651.35	919.42	-920.83	-33.34	-160.04	38.35
24825	-10.73	8.10	-13.00	699.07	955.94	-916.84	-28.95	-141.00	16.69
24826	-9.60	8.10	-13.00	742.12	988.12	-912.66	-23.35	-121.87	-2.88
24827	-8.47	8.10	-13.00	780.58	1015.73	-909.11	-15.93	-103.60	-19.60
24828	-7.34	8.10	-13.00	814.36	1039.03	-906.43	-6.61	-86.49	-33.61
24829	-6.21	8.10	-13.00	843.37	1058.27	-904.64	4.44	-70.33	-45.19
24830	-5.08	8.10	-13.00	867.56	1073.69	-903.71	16.96	-54.78	-54.61
24831	-3.95	8.10	-13.00	886.86	1085.39	-903.53	30.70	-39.50	-62.08
24832	-2.82	8.10	-13.00	901.15	1093.45	-903.99	45.42	-24.23	-67.83
24833	-1.69	8.10	-13.00	910.28	1097.87	-904.98	60.94	-8.76	-72.03
24834	-0.56	8.10	-13.00	914.07	1098.60	-906.45	77.09	7.12	-74.77
24835	-17.23	8.70	-13.00	339.41	730.82	-906.33	-2.49	-233.38	126.61
24836	-16.11	8.70	-13.00	412.02	776.32	-923.41	-16.16	-225.31	120.06
24837	-15.00	8.70	-13.00	484.35	817.64	-937.72	-23.35	-213.88	110.34
24838	-13.89	8.70	-13.00	552.24	858.06	-945.81	-25.11	-200.85	95.42
24839	-12.78	8.70	-13.00	612.32	898.10	-947.42	-23.19	-185.06	75.59
24840	-11.67	8.70	-13.00	665.73	937.93	-944.66	-20.43	-167.00	53.45
24841	-10.56	8.70	-13.00	713.92	974.91	-940.27	-17.72	-147.45	31.60
24842	-9.45	8.70	-13.00	757.49	1006.93	-936.11	-13.51	-127.43	12.08
24843	-8.34	8.70	-13.00	796.48	1034.58	-932.71	-7.47	-108.43	-4.42
24844	-7.22	8.70	-13.00	830.66	1057.91	-930.18	0.50	-90.63	-18.32
24845	-6.11	8.70	-13.00	859.96	1077.23	-928.48	10.18	-73.77	-29.87
24846	-5.00	8.70	-13.00	884.36	1092.74	-927.59	21.29	-57.55	-39.30
24847	-3.89	8.70	-13.00	903.81	1104.56	-927.41	33.55	-41.63	-46.80
24848	-2.78	8.70	-13.00	918.23	1112.76	-927.87	46.76	-25.78	-52.56
24849	-1.67	8.70	-13.00	927.49	1117.39	-928.89	60.71	-9.78	-56.74

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]
24850	-0.56	8.70	-13.00	931.42	1118.38	-930.38	75.24	6.55	-59.52
24851	-17.50	8.10	-14.33	372.92	891.21	-859.23	-52.17	-83.69	121.39
24852	-16.37	8.10	-14.33	472.32	936.54	-866.54	-66.30	-79.41	128.15
24853	-15.24	8.10	-14.33	567.86	982.19	-871.77	-76.26	-75.07	127.67
24854	-14.11	8.10	-14.33	656.90	1030.01	-875.16	-77.14	-70.79	123.33
24855	-12.98	8.10	-14.33	735.45	1085.45	-876.28	-72.99	-65.60	114.15
24856	-11.85	8.10	-14.33	804.06	1143.99	-875.90	-68.26	-58.86	102.51
24857	-10.73	8.10	-14.33	864.54	1198.77	-874.99	-63.43	-51.22	90.94
24858	-9.60	8.10	-14.33	917.92	1245.84	-874.23	-56.71	-43.40	80.77
24859	-8.47	8.10	-14.33	964.33	1284.93	-873.88	-46.85	-36.11	72.43
24860	-7.34	8.10	-14.33	1003.99	1317.08	-873.90	-33.84	-29.51	65.62
24861	-6.21	8.10	-14.33	1037.31	1343.17	-874.24	-18.12	-23.45	60.05
24862	-5.08	8.10	-14.33	1064.62	1363.78	-874.86	-0.16	-17.73	55.56
24863	-3.95	8.10	-14.33	1086.15	1379.29	-875.72	19.61	-12.19	52.03
24864	-2.82	8.10	-14.33	1101.95	1389.94	-876.80	40.82	-6.71	49.35
24865	-1.69	8.10	-14.33	1111.98	1395.88	-878.05	63.15	-1.19	47.43
24866	-0.56	8.10	-14.33	1116.09	1397.11	-879.46	86.29	4.49	46.22
24867	-17.23	8.70	-14.33	394.04	945.97	-879.87	-34.45	-85.27	126.70
24868	-16.11	8.70	-14.33	493.22	990.88	-887.60	-49.41	-80.33	136.45
24869	-15.00	8.70	-14.33	589.56	1031.91	-893.87	-59.22	-76.32	139.33
24870	-13.89	8.70	-14.33	680.12	1079.83	-897.51	-56.28	-73.77	135.70
24871	-12.78	8.70	-14.33	758.49	1143.39	-897.83	-50.85	-69.42	123.76
24872	-11.67	8.70	-14.33	827.94	1210.39	-896.41	-47.63	-62.72	109.15
24873	-10.56	8.70	-14.33	889.99	1271.75	-894.73	-45.49	-54.71	95.05
24874	-9.45	8.70	-14.33	945.05	1322.95	-893.60	-41.27	-46.22	83.20
24875	-8.34	8.70	-14.33	992.91	1364.99	-893.07	-33.53	-38.55	73.88
24876	-7.22	8.70	-14.33	1033.71	1399.60	-892.99	-22.51	-31.64	66.23
24877	-6.11	8.70	-14.33	1067.92	1427.76	-893.26	-8.75	-25.27	59.97
24878	-5.00	8.70	-14.33	1095.95	1450.07	-893.81	7.21	-19.24	54.92
24879	-3.89	8.70	-14.33	1118.03	1466.93	-894.63	24.96	-13.40	50.95
24880	-2.78	8.70	-14.33	1134.27	1478.62	-895.66	44.12	-7.64	47.95
24881	-1.67	8.70	-14.33	1144.64	1485.32	-896.89	64.37	-1.86	45.82
24882	-0.56	8.70	-14.33	1148.99	1487.08	-898.27	85.38	4.00	44.39
24883	-22.14	8.10	-11.67	33.84	342.65	-687.39	97.80	-20.94	137.14
24884	-21.23	8.10	-11.67	48.82	382.70	-704.01	80.73	-134.47	142.78
24885	-20.33	8.10	-11.67	85.39	428.43	-756.18	58.93	-230.78	146.94
24886	-19.42	8.10	-11.67	140.49	476.83	-817.96	35.54	-298.76	145.50
24887	-18.52	8.10	-11.67	210.34	526.11	-879.17	13.24	-333.06	135.81
24888	-21.91	8.70	-11.67	39.57	344.80	-707.54	106.30	-18.45	136.09
24889	-20.99	8.70	-11.67	55.18	386.87	-724.49	91.86	-136.33	147.63
24890	-20.07	8.70	-11.67	92.97	434.14	-778.64	70.49	-235.55	155.37
24891	-19.16	8.70	-11.67	149.52	484.56	-842.49	47.33	-305.33	157.86
24892	-18.24	8.70	-11.67	221.00	536.24	-905.74	24.85	-340.33	151.19
24893	-22.14	8.10	-13.00	37.70	410.09	-769.54	113.48	5.68	119.26
24894	-21.23	8.10	-13.00	46.43	459.96	-776.81	92.90	-80.03	118.21
24895	-20.33	8.10	-13.00	84.59	523.85	-802.87	63.05	-154.03	120.81
24896	-19.42	8.10	-13.00	152.60	591.69	-832.32	32.93	-203.80	122.99
24897	-18.52	8.10	-13.00	241.12	662.18	-860.80	3.51	-227.03	120.30
24898	-21.91	8.70	-13.00	43.56	404.69	-788.74	123.89	9.20	118.32
24899	-20.99	8.70	-13.00	53.38	461.97	-797.05	105.73	-80.83	121.38
24900	-20.07	8.70	-13.00	92.80	526.67	-824.09	77.03	-157.19	126.72
24901	-19.16	8.70	-13.00	162.82	597.99	-854.41	47.60	-208.45	131.89
24902	-18.24	8.70	-13.00	253.54	671.89	-883.39	18.17	-232.17	131.50
24903	-22.14	8.10	-14.33	21.72	454.53	-822.47	160.31	20.43	125.81
24904	-21.23	8.10	-14.33	-6.83	542.86	-828.38	108.69	-26.94	95.03
24905	-20.33	8.10	-14.33	38.50	622.75	-836.10	71.31	-57.86	101.71
24906	-19.42	8.10	-14.33	133.54	716.29	-844.77	30.25	-78.76	103.55
24907	-18.52	8.10	-14.33	257.18	816.83	-851.92	-18.04	-86.89	109.78
24908	-21.91	8.70	-14.33	35.96	508.95	-839.67	171.95	24.07	117.39
24909	-20.99	8.70	-14.33	5.81	578.56	-849.06	124.29	-26.87	91.82
24910	-20.07	8.70	-14.33	52.11	661.77	-856.91	89.94	-59.08	100.21
24911	-19.16	8.70	-14.33	149.76	757.40	-866.17	49.35	-80.63	103.97
24912	-18.24	8.70	-14.33	276.59	864.40	-873.17	0.40	-89.13	112.55
24913	11.69	9.49	-11.67	491.63	676.15	-1097.95	154.48	352.57	28.30
24914	12.72	9.44	-11.67	444.00	641.62	-1092.29	162.27	380.77	48.39
24915	13.76	9.39	-11.67	392.67	605.82	-1080.17	168.95	405.46	67.98
24916	11.91	10.47	-11.67	485.56	679.06	-1147.94	127.49	376.00	82.41
24917	12.81	10.33	-11.67	441.67	646.92	-1133.96	134.77	399.54	93.10
24918	13.70	10.18	-11.67	396.31	613.76	-1115.39	141.97	418.33	102.94
24919	12.11	11.46	-11.67	475.39	674.14	-1193.06	97.25	396.08	141.55
24920	12.88	11.21	-11.67	436.76	647.27	-1171.92	105.72	415.03	140.71
24921	13.63	10.96	-11.67	396.60	617.82	-1148.69	113.53	431.08	142.20
24922	0.57	9.89	-11.67	768.48	875.78	-1073.80	68.14	35.15	-64.44
24923	1.70	9.88	-11.67	762.43	870.49	-1076.47	76.10	64.38	-64.59
24924	2.84	9.86	-11.67	751.10	861.65	-1079.35	84.27	94.01	-62.72
24925	3.96	9.83	-11.67	734.61	849.44	-1082.63	92.64	124.30	-58.81
24926	5.08	9.80	-11.67	713.05	833.95	-1086.24	101.22	155.32	-52.80
24927	6.20	9.76	-11.67	686.63	815.21	-1090.02	109.98	187.13	-44.64
24928	7.31	9.71	-11.67	655.56	793.29	-1093.72	118.88	219.77	-34.24
24929	8.42	9.66	-11.67	620.13	768.22	-1096.98	127.84	253.17	-21.52
24930	9.52	9.60	-11.67	580.66	740.09	-1099.25	136.83	287.03	-6.48
24931	10.62	9.54	-11.67	537.44	709.16	-1099.70	145.88	320.73	10.60
24932	0.60	11.68	-11.67	787.71	896.02	-1192.50	58.88	37.40	30.85
24933	1.80	11.64	-11.67	780.63	890.20	-1193.71	63.17	71.60	30.03
24934	2.99	11.58	-11.67	767.44	880.51	-1193.97	68.01	105.96	30.63
24935	4.16	11.50	-11.67	748.45	866.98	-1193.56	73.42	140.62	32.78
24936	5.32	11.40	-11.67	723.92	849.74	-1192.31	79.41	175.55	36.45
24937	6.47	11.28	-11.67	694.20	828.90	-1189.92	86.00	210.69	41.56
24938	7.60	11.15	-11.67	659.63	804.58	-1186.01	93.19	245.87	48.03
24939	8.72	10.99	-11.67	620.64	776.91	-1180.11	100.99	280.81	55.72
24940	9.83	10.82	-11.67	577.71	746.06	-1171.74	109.49	315.01	64.38
24941	10.92	10.63	-11.67	531.34	712.33	-1160.36	118.90	347.67	73.56
24942	0.63	13.48	-11.67	793.18	884.43	-1314.56	48.76	40.15	151.49
24943	1.88	13.42	-11.67	785.48	879.06	-1314.08	48.77	79.69	149.29
24944	3.11	13.32	-11.67	771.02	869.90	-1311.41	49.55	119.09	147.70
24945	4.33	13.19	-11.67	750.28	856.94	-1306.66	51.24	158.31	146.73
24946	5.53	13.03	-11.67	723.64	840.25	-1299.57	53.97	197.16	146.22
24947	6.70	12.83	-11.67	691.56	819.97	-1289.80	57.84	235.33	146.02
24948	7.86	12.61	-11.67	654.53	796.20	-1276.94	62.93	272.45	145.96

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]
24949	8.99	12.35	-11.67	613.06	769.08	-1260.54	69.36	308.08	145.88
24950	10.11	12.06	-11.67	567.73	738.64	-1240.27	77.35	341.62	145.52
24951	11.19	11.74	-11.67	519.36	705.09	-1216.09	87.29	372.08	144.16
24952	0.65	15.28	-11.67	785.71	833.79	-1422.26	38.40	42.72	295.83
24953	1.95	15.20	-11.67	777.52	829.80	-1420.62	33.14	87.79	291.99
24954	3.22	15.07	-11.67	762.22	822.60	-1415.18	28.89	132.29	287.12
24955	4.47	14.90	-11.67	740.32	812.22	-1406.06	26.00	175.96	281.19
24956	5.71	14.67	-11.67	712.30	798.69	-1393.09	24.73	218.35	274.07
24957	6.91	14.40	-11.67	678.71	782.07	-1376.04	25.30	258.99	265.69
24958	8.09	14.08	-11.67	640.16	762.42	-1354.63	27.94	297.37	256.01
24959	9.24	13.72	-11.67	597.24	739.75	-1328.60	32.88	332.94	245.09
24960	10.36	13.31	-11.67	550.64	713.92	-1297.76	40.50	365.22	232.95
24961	11.45	12.86	-11.67	501.31	684.42	-1262.48	51.11	393.75	219.75
24962	0.67	17.07	-11.67	766.12	739.01	-1497.03	28.17	44.57	446.75
24963	1.99	16.99	-11.67	757.60	736.98	-1494.74	16.51	94.05	441.48
24964	3.30	16.84	-11.67	741.86	733.26	-1487.39	6.22	142.61	432.93
24965	4.59	16.62	-11.67	719.39	727.80	-1475.12	-2.14	189.69	421.12
24966	5.85	16.34	-11.67	690.71	720.52	-1457.92	-8.11	234.67	406.12
24967	7.09	15.99	-11.67	656.46	711.28	-1435.75	-11.28	276.96	388.10
24968	8.29	15.58	-11.67	617.36	699.92	-1408.54	-11.27	315.97	367.34
24969	9.46	15.11	-11.67	574.15	686.19	-1376.22	-7.69	351.19	344.23
24970	10.60	14.58	-11.67	527.60	669.63	-1338.75	-0.11	382.29	319.25
24971	11.69	14.00	-11.67	478.71	649.48	-1296.50	11.76	409.29	292.66
24972	0.68	18.88	-11.67	736.17	600.57	-1523.34	18.35	44.88	570.24
24973	2.02	18.79	-11.67	727.48	600.89	-1521.06	-0.36	95.65	564.32
24974	3.36	18.61	-11.67	711.77	602.02	-1513.57	-17.33	145.49	553.27
24975	4.68	18.35	-11.67	689.41	603.80	-1500.89	-31.73	193.67	537.18
24976	5.97	18.01	-11.67	660.93	605.86	-1483.06	-42.85	239.52	516.25
24977	7.23	17.59	-11.67	627.01	607.71	-1460.09	-50.04	282.38	490.87
24978	8.47	17.09	-11.67	588.45	608.77	-1431.98	-52.74	321.65	461.53
24979	9.66	16.51	-11.67	546.14	608.34	-1398.72	-50.44	356.85	428.87
24980	10.81	15.87	-11.67	501.01	605.56	-1360.21	-42.65	387.67	393.57
24981	11.91	15.15	-11.67	454.02	599.22	-1316.61	-29.04	414.16	356.21
24982	16.80	9.56	-11.67	222.40	484.10	-1013.90	162.45	448.71	128.16
24983	16.19	10.65	-11.67	253.15	510.10	-1068.78	119.15	460.01	159.55
24984	15.52	11.69	-11.67	285.36	533.72	-1121.67	79.42	465.20	196.29
24985	15.79	9.48	-11.67	278.64	527.54	-1042.09	168.77	442.85	110.65
24986	15.37	10.42	-11.67	300.31	546.62	-1087.17	131.65	452.82	141.64
24987	14.91	11.34	-11.67	322.46	562.86	-1130.49	96.86	458.06	176.14
24988	14.78	9.40	-11.67	335.06	567.15	-1063.88	171.76	428.38	90.22
24989	14.55	10.21	-11.67	346.41	580.19	-1100.42	141.52	438.80	120.20
24990	14.30	11.00	-11.67	359.65	590.56	-1134.94	111.86	444.02	153.97
24991	12.93	14.37	-11.67	408.04	588.99	-1269.95	-9.85	436.19	319.10
24992	12.65	13.39	-11.67	433.49	628.43	-1254.14	27.44	430.42	266.59
24993	12.36	12.43	-11.67	457.43	657.30	-1229.02	62.78	415.68	207.38
24994	13.86	13.54	-11.67	364.79	574.40	-1221.76	14.71	452.16	278.98
24995	13.48	12.78	-11.67	393.13	607.26	-1213.49	45.94	445.29	238.50
24996	13.10	12.03	-11.67	420.06	633.67	-1198.99	75.35	431.65	193.31
24997	14.74	12.66	-11.67	323.69	555.65	-1172.10	43.74	462.59	238.76
24998	14.28	12.13	-11.67	354.33	583.78	-1172.10	67.36	454.78	210.57
24999	13.81	11.61	-11.67	383.32	609.15	-1167.77	89.95	442.58	176.82
25000	11.69	9.49	-13.00	598.83	873.54	-1010.57	198.82	242.11	60.26
25001	12.72	9.44	-13.00	535.70	820.93	-1011.39	208.58	260.98	78.14
25002	13.76	9.39	-13.00	467.55	768.00	-1007.60	219.04	275.62	93.30
25003	11.91	10.47	-13.00	591.44	879.61	-1055.92	163.20	257.61	98.75
25004	12.81	10.33	-13.00	533.46	832.39	-1049.81	173.26	273.52	109.60
25005	13.70	10.18	-13.00	472.68	784.47	-1040.67	184.94	284.50	117.75
25006	12.11	11.46	-13.00	578.35	871.55	-1097.65	124.06	268.95	137.63
25007	12.88	11.21	-13.00	526.59	833.43	-1084.00	135.79	282.45	139.34
25008	13.63	10.96	-13.00	473.50	795.46	-1069.65	150.58	293.54	140.78
25009	0.57	9.89	-13.00	960.95	1164.32	-992.81	83.33	23.15	-20.87
25010	1.70	9.88	-13.00	953.07	1156.86	-994.45	95.82	42.23	-20.64
25011	2.84	9.86	-13.00	938.79	1144.66	-996.13	108.43	61.80	-18.78
25012	3.96	9.83	-13.00	918.09	1127.73	-997.91	121.08	81.93	-15.21
25013	5.08	9.80	-13.00	890.92	1106.05	-999.78	133.63	102.76	-9.94
25014	6.20	9.76	-13.00	857.26	1079.56	-1001.68	145.94	124.39	-2.90
25015	7.31	9.71	-13.00	817.13	1048.20	-1003.54	157.82	146.90	5.95
25016	8.42	9.66	-13.00	770.63	1011.85	-1005.28	169.07	170.32	16.69
25017	9.52	9.60	-13.00	718.04	970.38	-1006.90	179.49	194.56	29.51
25018	10.62	9.54	-13.00	660.06	923.84	-1008.51	189.38	219.13	44.45
25019	0.60	11.68	-13.00	991.29	1191.27	-1094.31	72.42	24.62	40.41
25020	1.80	11.64	-13.00	982.00	1183.26	-1094.61	80.06	47.14	40.17
25021	2.99	11.58	-13.00	965.11	1169.76	-1094.01	88.05	70.09	41.54
25022	4.16	11.50	-13.00	940.78	1150.83	-1092.62	96.45	93.39	44.41
25023	5.32	11.40	-13.00	909.16	1126.56	-1090.39	105.18	117.05	48.69
25024	6.47	11.28	-13.00	870.48	1097.07	-1087.19	114.18	141.04	54.32
25025	7.60	11.15	-13.00	825.04	1062.48	-1082.85	123.41	165.29	61.20
25026	8.72	10.99	-13.00	773.19	1022.89	-1077.23	132.81	189.60	69.25
25027	9.83	10.82	-13.00	715.47	978.35	-1070.29	142.34	213.76	78.53
25028	10.92	10.63	-13.00	652.96	928.90	-1062.42	152.95	237.25	88.88
25029	0.63	13.48	-13.00	1002.53	1166.20	-1194.88	60.62	26.55	121.42
25030	1.88	13.42	-13.00	992.27	1158.83	-1194.06	61.97	52.98	120.25
25031	3.11	13.32	-13.00	973.38	1145.91	-1191.35	64.01	79.59	120.08
25032	4.33	13.19	-13.00	946.20	1127.56	-1186.84	66.99	106.18	120.76
25033	5.53	13.03	-13.00	911.12	1103.96	-1180.46	70.97	132.62	122.14
25034	6.70	12.83	-13.00	868.64	1075.34	-1172.04	76.03	158.70	124.09
25035	7.86	12.61	-13.00	819.32	1041.94	-1161.37	82.29	184.12	126.51
25036	8.99	12.35	-13.00	763.83	1004.03	-1148.22	89.85	208.49	129.32
25037	10.11	12.06	-13.00	702.89	961.76	-1132.39	98.81	231.39	132.80
25038	11.19	11.74	-13.00	637.80	914.99	-1114.02	110.74	252.17	136.32
25039	0.65	15.28	-13.00	993.69	1085.63	-1286.95	48.37	28.56	222.18
25040	1.95	15.20	-13.00	982.80	1080.01	-1285.33	41.99	59.04	219.78
25041	3.22	15.07	-13.00	962.59	1069.77	-1280.71	36.79	89.35	217.14
25042	4.47	14.90	-13.00	933.54	1055.03	-1273.22	33.24	119.14	214.10
25043	5.71	14.67	-13.00	896.22	1035.96	-1262.81	31.63	148.09	210.53
25044	6.91	14.40	-13.00	851.35	1012.79	-1249.36	32.25	175.83	206.41
25045	8.09	14.08	-13.00	799.77	985.74	-1232.72	35.37	201.93	201.75
25046	9.24	13.72	-13.00	742.38	955.04	-1212.64	41.24	225.89	196.73
25047	10.36	13.31	-13.00	679.98	920.94	-1188.78	50.10	247.25	191.95

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]
25048	11.45	12.86	-13.00	613.75	882.27	-1160.87	63.42	265.81	187.73
25049	0.67	17.07	-13.00	963.79	945.96	-1364.86	36.10	30.06	327.85
25050	1.99	16.99	-13.00	952.64	942.94	-1362.75	20.87	63.81	324.41
25051	3.30	16.84	-13.00	931.97	937.53	-1356.69	7.41	97.07	319.00
25052	4.59	16.62	-13.00	902.29	929.78	-1346.77	-3.50	129.31	311.56
25053	5.85	16.34	-13.00	864.28	919.68	-1333.01	-11.28	160.07	302.12
25054	7.09	15.99	-13.00	818.81	907.19	-1315.38	-15.41	188.91	290.83
25055	8.29	15.58	-13.00	766.85	892.23	-1293.84	-15.43	215.35	277.95
25056	9.46	15.11	-13.00	709.47	874.71	-1268.22	-10.94	238.96	263.95
25057	10.60	14.58	-13.00	647.56	854.53	-1238.24	-1.52	259.43	249.67
25058	11.69	14.00	-13.00	582.19	830.64	-1203.40	13.88	277.00	235.73
25059	0.68	18.88	-13.00	914.82	754.39	-1421.75	24.30	30.37	413.10
25060	2.02	18.79	-13.00	903.77	754.31	-1419.49	-0.05	65.25	409.20
25061	3.36	18.61	-13.00	883.62	755.21	-1412.81	-22.03	99.50	401.98
25062	4.68	18.35	-13.00	854.75	757.04	-1401.71	-40.56	132.57	391.42
25063	5.97	18.01	-13.00	817.80	759.45	-1386.21	-54.75	163.97	377.64
25064	7.23	17.59	-13.00	773.63	761.90	-1366.33	-63.82	193.25	360.94
25065	8.47	17.09	-13.00	723.29	763.70	-1342.06	-67.09	219.99	341.76
25066	9.66	16.51	-13.00	667.94	764.09	-1313.35	-63.98	243.80	320.69
25067	10.81	15.87	-13.00	608.70	762.31	-1280.02	-53.90	264.48	298.58
25068	11.91	15.15	-13.00	546.59	756.94	-1241.75	-36.11	282.25	276.26
25069	16.80	9.56	-13.00	241.23	601.60	-976.51	213.09	303.55	123.89
25070	16.19	10.65	-13.00	281.64	639.97	-1026.07	159.58	313.12	146.73
25071	15.52	11.69	-13.00	324.28	672.09	-1071.82	109.37	320.05	171.63
25072	15.79	9.48	-13.00	315.03	660.95	-989.27	222.15	298.10	116.65
25073	15.37	10.42	-13.00	344.13	691.54	-1030.33	175.44	306.23	138.93
25074	14.91	11.34	-13.00	373.12	715.25	-1067.39	130.67	312.51	160.61
25075	14.78	9.40	-13.00	390.69	714.03	-1000.42	224.61	289.02	107.17
25076	14.55	10.21	-13.00	406.28	737.00	-1034.51	185.73	296.78	128.26
25077	14.30	11.00	-13.00	424.00	754.99	-1063.95	145.54	301.32	147.46
25078	12.93	14.37	-13.00	485.25	746.81	-1199.80	-10.27	297.98	255.41
25079	12.65	13.39	-13.00	520.99	805.16	-1167.09	35.39	291.59	222.59
25080	12.36	12.43	-13.00	554.05	845.70	-1133.99	79.58	280.76	183.48
25081	13.86	13.54	-13.00	427.79	729.42	-1156.17	23.74	310.57	231.19
25082	13.48	12.78	-13.00	466.60	777.21	-1132.17	61.70	303.15	205.86
25083	13.10	12.03	-13.00	503.55	813.45	-1110.35	97.63	292.90	175.64
25084	14.74	12.66	-13.00	373.96	702.60	-1113.32	63.54	319.54	203.62
25085	14.28	12.13	-13.00	415.13	743.36	-1099.29	91.86	310.95	186.02
25086	13.81	11.61	-13.00	454.38	773.01	-1088.92	119.33	301.13	162.30
25087	11.69	9.49	-14.33	735.01	1129.77	-961.51	250.32	94.58	107.47
25088	12.72	9.44	-14.33	652.11	1043.22	-963.40	262.25	102.12	125.39
25089	13.76	9.39	-14.33	563.70	959.54	-963.21	280.54	105.44	139.25
25090	11.91	10.47	-14.33	723.80	1131.00	-1006.66	197.74	100.41	121.52
25091	12.81	10.33	-14.33	646.66	1050.66	-1003.60	210.64	107.48	141.99
25092	13.70	10.18	-14.33	569.24	972.11	-998.59	232.94	109.10	157.04
25093	12.11	11.46	-14.33	708.74	1127.39	-1048.56	142.18	101.65	137.85
25094	12.88	11.21	-14.33	640.46	1066.83	-1038.80	160.44	107.81	156.48
25095	13.63	10.96	-14.33	567.94	993.13	-1030.85	180.48	112.53	174.87
25096	0.57	9.89	-14.33	1185.69	1526.46	-957.09	99.01	8.89	40.41
25097	1.70	9.88	-14.33	1176.77	1517.56	-958.03	117.16	15.72	41.12
25098	2.84	9.86	-14.33	1160.30	1502.50	-958.78	135.61	22.73	42.98
25099	3.96	9.83	-14.33	1136.07	1481.39	-959.36	153.97	29.98	45.91
25100	5.08	9.80	-14.33	1103.92	1454.07	-959.75	171.91	37.57	49.95
25101	6.20	9.76	-14.33	1063.59	1420.30	-959.96	189.09	45.58	55.18
25102	7.31	9.71	-14.33	1014.81	1379.70	-959.99	205.17	54.09	61.69
25103	8.42	9.66	-14.33	957.28	1331.74	-959.89	219.71	63.19	69.65
25104	9.52	9.60	-14.33	890.70	1275.51	-959.76	232.14	73.06	79.33
25105	10.62	9.54	-14.33	815.28	1208.79	-960.00	241.46	84.03	92.14
25106	0.60	11.68	-14.33	1228.02	1549.83	-1043.40	86.54	9.23	50.59
25107	1.80	11.64	-14.33	1217.31	1539.99	-1043.21	98.51	17.36	51.00
25108	2.99	11.58	-14.33	1197.37	1522.95	-1042.17	111.13	25.68	52.88
25109	4.16	11.50	-14.33	1168.19	1498.84	-1040.28	123.95	34.17	55.84
25110	5.32	11.40	-14.33	1129.83	1467.78	-1037.56	136.71	42.89	59.90
25111	6.47	11.28	-14.33	1082.38	1429.84	-1033.96	149.23	51.86	65.12
25112	7.60	11.15	-14.33	1025.94	1385.07	-1029.46	161.31	61.07	71.55
25113	8.72	10.99	-14.33	960.69	1333.47	-1024.04	172.71	70.48	79.34
25114	9.83	10.82	-14.33	886.78	1274.79	-1017.78	182.96	80.15	88.72
25115	10.92	10.63	-14.33	804.42	1206.89	-1011.33	190.05	90.82	102.94
25116	0.63	13.48	-14.33	1248.38	1519.67	-1127.56	73.16	10.06	79.16
25117	1.88	13.42	-14.33	1236.26	1510.18	-1126.53	76.86	19.74	79.05
25118	3.11	13.32	-14.33	1213.33	1493.13	-1123.91	81.66	29.50	80.24
25119	4.33	13.19	-14.33	1179.85	1468.74	-1119.74	87.23	39.30	82.25
25120	5.53	13.03	-14.33	1136.18	1437.29	-1114.01	93.55	49.12	85.07
25121	6.70	12.83	-14.33	1082.77	1399.14	-1106.68	100.61	58.92	88.73
25122	7.86	12.61	-14.33	1020.20	1354.71	-1097.73	108.44	68.56	93.32
25123	8.99	12.35	-14.33	949.24	1304.48	-1087.08	117.02	77.86	98.99
25124	10.11	12.06	-14.33	870.80	1248.98	-1074.65	126.04	86.50	106.07
25125	11.19	11.74	-14.33	785.47	1188.51	-1060.80	132.59	94.81	119.33
25126	0.65	15.28	-14.33	1240.58	1413.47	-1209.29	58.83	11.03	118.34
25127	1.95	15.20	-14.33	1227.44	1405.93	-1207.67	52.14	22.42	117.68
25128	3.22	15.07	-14.33	1202.35	1391.90	-1203.66	47.11	33.73	117.76
25129	4.47	14.90	-14.33	1165.78	1371.58	-1197.32	43.83	44.88	118.14
25130	5.71	14.67	-14.33	1118.37	1345.31	-1188.66	42.55	55.77	118.82
25131	6.91	14.40	-14.33	1060.95	1313.51	-1177.68	43.58	66.26	119.87
25132	8.09	14.08	-14.33	994.54	1276.70	-1164.35	47.19	76.17	121.43
25133	9.24	13.72	-14.33	920.36	1235.52	-1148.61	53.58	85.21	123.80
25134	10.36	13.31	-14.33	839.93	1191.06	-1130.22	62.58	92.84	127.52
25135	11.45	12.86	-14.33	753.95	1147.00	-1108.94	71.85	99.18	138.24
25136	0.67	17.07	-14.33	1200.69	1219.72	-1288.17	43.92	11.83	160.89
25137	1.99	16.99	-14.33	1187.01	1215.48	-1286.16	25.11	24.70	159.79
25138	3.30	16.84	-14.33	1160.95	1207.81	-1280.98	8.64	37.35	158.57
25139	4.59	16.62	-14.33	1123.10	1196.75	-1272.68	-4.79	49.62	156.96
25140	5.85	16.34	-14.33	1074.28	1182.43	-1261.29	-14.48	61.32	155.01
25141	7.09	15.99	-14.33	1015.57	1165.00	-1246.83	-19.81	72.27	152.87
25142	8.29	15.58	-14.33	948.27	1144.60	-1229.31	-20.20	82.27	150.77
25143	9.46	15.11	-14.33	873.89	1121.51	-1208.69	-15.20	91.06	149.12
25144	10.60	14.58	-14.33	793.96	1096.58	-1184.75	-4.63	98.23	148.65
25145	11.69	14.00	-14.33	709.07	1073.49	-1157.15	11.01	104.10	153.06
25146	0.68	18.88	-14.33	1129.24	946.07	-1363.47	29.18	12.13	197.11

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]
25147	2.02	18.79	-14.33	1115.55	945.78	-1361.25	-2.37	25.70	195.80
25148	3.36	18.61	-14.33	1090.06	946.92	-1355.07	-30.83	38.98	193.53
25149	4.68	18.35	-14.33	1053.24	949.45	-1344.99	-54.85	51.77	190.19
25150	5.97	18.01	-14.33	1005.84	953.09	-1331.04	-73.26	63.85	185.85
25151	7.23	17.59	-14.33	948.97	957.33	-1313.27	-85.08	75.05	180.71
25152	8.47	17.09	-14.33	884.01	961.47	-1291.70	-89.41	85.17	175.06
25153	9.66	16.51	-14.33	812.55	964.85	-1266.36	-85.50	94.05	169.31
25154	10.81	15.87	-14.33	736.20	967.19	-1237.18	-72.69	101.50	164.09
25155	11.91	15.15	-14.33	655.64	969.58	-1204.05	-50.14	107.87	161.17
25156	16.80	9.56	-14.33	258.12	776.94	-959.29	285.69	115.68	119.55
25157	16.19	10.65	-14.33	307.71	820.04	-1007.22	223.16	119.97	125.94
25158	15.52	11.69	-14.33	365.42	875.56	-1050.28	164.49	126.28	139.91
25159	15.79	9.48	-14.33	359.05	841.30	-961.25	297.05	111.49	133.04
25160	15.37	10.42	-14.33	393.94	874.40	-1002.95	244.65	114.64	144.26
25161	14.91	11.34	-14.33	435.19	920.24	-1039.81	191.39	121.01	159.28
25162	14.78	9.40	-14.33	460.59	895.03	-962.69	299.81	108.56	141.94
25163	14.55	10.21	-14.33	478.89	918.37	-998.41	255.70	110.96	157.50
25164	14.30	11.00	-14.33	499.86	953.37	-1029.82	210.52	114.13	175.26
25165	12.93	14.37	-14.33	576.30	971.71	-1167.32	-14.21	114.41	162.60
25166	12.65	13.39	-14.33	630.51	1055.38	-1127.24	38.11	109.36	163.76
25167	12.36	12.43	-14.33	678.18	1110.96	-1087.20	87.51	104.35	156.67
25168	13.86	13.54	-14.33	501.26	965.14	-1128.24	36.81	120.86	162.27
25169	13.48	12.78	-14.33	559.05	1033.76	-1097.18	78.94	115.05	172.23
25170	13.10	12.03	-14.33	611.63	1073.91	-1067.71	115.82	110.02	171.51
25171	14.74	12.66	-14.33	431.30	937.14	-1088.36	99.45	127.02	157.03
25172	14.28	12.13	-14.33	490.32	991.95	-1068.11	131.64	120.69	173.49
25173	13.81	11.61	-14.33	544.81	1035.94	-1047.74	153.98	114.94	179.91
25174	17.76	9.62	-11.67	153.12	422.66	-967.38	150.89	437.53	143.62
25175	17.06	10.82	-11.67	186.49	451.71	-1029.78	101.07	450.07	172.99
25176	16.27	11.98	-11.67	224.15	477.54	-1090.33	55.91	456.36	209.84
25177	15.40	13.08	-11.67	265.17	498.38	-1147.39	15.72	455.28	253.09
25178	14.46	14.11	-11.67	308.58	512.69	-1201.72	-19.02	446.35	299.22
25179	13.44	15.08	-11.67	354.42	520.37	-1253.39	-48.26	430.83	345.09
25180	12.37	15.98	-11.67	401.80	521.15	-1301.40	-71.14	410.10	389.39
25181	11.23	16.80	-11.67	450.00	515.52	-1344.72	-86.81	384.42	431.89
25182	10.04	17.54	-11.67	497.28	506.23	-1382.78	-94.88	354.04	471.78
25183	8.80	18.19	-11.67	542.13	494.78	-1415.61	-95.88	319.19	508.50
25184	7.52	18.76	-11.67	583.31	482.48	-1443.29	-90.33	280.21	541.30
25185	6.20	19.23	-11.67	619.71	470.47	-1465.89	-78.88	237.62	569.56
25186	4.86	19.62	-11.67	650.38	459.73	-1483.41	-62.27	192.04	592.76
25187	3.49	19.90	-11.67	674.51	451.04	-1495.79	-41.37	144.21	610.47
25188	2.10	20.10	-11.67	691.56	445.12	-1502.99	-17.24	94.83	622.40
25189	0.70	20.20	-11.67	701.13	442.50	-1505.21	9.07	44.56	628.58
25190	18.68	9.66	-11.67	77.96	340.02	-902.33	131.99	392.89	151.81
25191	17.95	10.95	-11.67	108.35	369.76	-969.34	75.55	404.70	173.28
25192	17.14	12.19	-11.67	145.75	394.63	-1034.87	25.34	410.88	204.59
25193	16.24	13.37	-11.67	187.30	412.66	-1095.71	-18.47	411.52	243.26
25194	15.26	14.48	-11.67	231.90	423.66	-1151.89	-56.23	405.90	286.39
25195	14.20	15.53	-11.67	279.48	426.76	-1204.09	-87.82	394.08	330.60
25196	13.07	16.49	-11.67	329.81	422.10	-1252.15	-112.47	376.77	373.78
25197	11.88	17.37	-11.67	381.89	410.75	-1295.60	-129.17	354.54	415.01
25198	10.62	18.17	-11.67	434.00	394.75	-1334.09	-137.29	327.63	453.70
25199	9.32	18.87	-11.67	484.22	376.32	-1367.49	-136.96	296.28	489.22
25200	7.96	19.48	-11.67	530.85	357.18	-1395.79	-128.69	260.83	520.92
25201	6.57	19.99	-11.67	572.41	338.85	-1419.00	-113.15	221.77	548.24
25202	5.14	20.41	-11.67	607.62	322.53	-1437.14	-91.17	179.70	570.77
25203	3.69	20.72	-11.67	635.54	309.11	-1450.13	-63.82	135.40	588.21
25204	2.22	20.93	-11.67	655.46	299.26	-1457.72	-32.55	89.77	600.18
25205	0.74	21.03	-11.67	666.87	294.46	-1459.60	0.87	43.52	606.07
25206	19.60	9.70	-11.67	21.41	248.64	-831.25	107.83	309.27	151.41
25207	18.85	11.08	-11.67	46.65	284.65	-905.92	46.95	316.83	158.04
25208	18.01	12.41	-11.67	84.18	311.30	-977.42	-6.56	320.88	178.77
25209	17.08	13.67	-11.67	126.14	328.52	-1041.18	-52.75	321.95	207.79
25210	16.06	14.85	-11.67	170.93	336.77	-1098.28	-91.53	319.18	241.73
25211	14.95	15.97	-11.67	219.16	336.37	-1150.24	-123.45	312.02	277.55
25212	13.77	17.00	-11.67	270.80	327.75	-1197.66	-148.11	300.35	313.12
25213	12.52	17.94	-11.67	324.92	312.16	-1240.54	-164.56	284.30	347.28
25214	11.20	18.79	-11.67	379.82	291.53	-1278.73	-172.04	264.12	379.37
25215	9.83	19.55	-11.67	433.43	268.08	-1312.07	-170.32	240.04	408.86
25216	8.41	20.20	-11.67	483.70	243.90	-1340.48	-159.73	212.39	435.21
25217	6.94	20.76	-11.67	528.77	220.77	-1363.89	-140.87	181.57	457.99
25218	5.43	21.20	-11.67	566.98	200.17	-1382.39	-114.52	147.94	476.94
25219	3.90	21.54	-11.67	597.34	182.89	-1396.44	-81.60	111.94	492.32
25220	2.35	21.76	-11.67	619.80	168.92	-1405.92	-43.95	75.00	504.52
25221	0.78	21.87	-11.67	633.38	158.68	-1409.53	-5.00	39.14	512.90
25222	20.51	9.75	-11.67	-12.63	141.33	-755.86	80.27	191.38	143.85
25223	19.75	11.21	-11.67	5.12	196.41	-851.86	18.03	189.19	134.12
25224	18.89	12.62	-11.67	46.55	232.03	-934.21	-38.39	192.62	140.38
25225	17.92	13.96	-11.67	86.77	251.57	-1000.33	-83.89	193.79	155.12
25226	16.86	15.22	-11.67	130.13	258.94	-1057.55	-121.00	193.62	174.22
25227	15.71	16.41	-11.67	177.43	256.61	-1109.00	-151.13	191.36	195.15
25228	14.48	17.51	-11.67	228.64	245.94	-1155.85	-174.16	186.34	216.52
25229	13.17	18.52	-11.67	282.84	228.30	-1198.33	-189.24	178.34	237.44
25230	11.79	19.42	-11.67	338.36	205.51	-1236.35	-195.50	167.42	257.37
25231	10.35	20.23	-11.67	393.07	179.68	-1269.73	-192.47	153.76	275.87
25232	8.85	20.93	-11.67	444.75	152.95	-1298.33	-180.23	137.60	292.60
25233	7.30	21.52	-11.67	491.30	127.31	-1322.07	-159.29	119.19	307.23
25234	5.72	21.99	-11.67	530.60	104.39	-1341.07	-130.31	98.54	319.64
25235	4.11	22.35	-11.67	561.06	85.30	-1356.78	-93.70	74.80	330.48
25236	2.47	22.59	-11.67	584.42	68.24	-1373.59	-50.32	48.29	343.15
25237	0.83	22.71	-11.67	603.49	55.05	-1391.61	-8.09	28.01	358.83
25238	21.43	9.79	-11.67	-31.60	-24.57	-642.26	80.18	37.88	168.23
25239	20.65	11.34	-11.67	3.70	107.51	-851.07	-11.15	32.43	107.99
25240	19.76	12.83	-11.67	40.22	163.86	-947.31	-66.67	38.73	100.04
25241	18.76	14.25	-11.67	75.31	188.31	-1015.83	-105.56	39.48	96.25
25242	17.66	15.59	-11.67	114.40	197.00	-1072.88	-137.11	41.85	95.01
25243	16.47	16.85	-11.67	158.07	195.34	-1124.74	-162.93	44.17	95.31
25244	15.18	18.02	-11.67	206.17	185.59	-1172.52	-182.80	45.94	96.86
25245	13.81	19.09	-11.67	257.68	169.23	-1216.27	-195.73	46.77	99.35



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]
25246	12.37	20.05	-11.67	310.89	147.84	-1255.69	-200.70	46.58	102.44
25247	10.86	20.91	-11.67	363.68	123.26	-1290.51	-197.01	45.44	105.87
25248	9.29	21.65	-11.67	413.81	97.49	-1320.49	-184.53	43.41	109.42
25249	7.67	22.28	-11.67	459.10	72.48	-1345.71	-163.58	40.38	112.97
25250	6.01	22.78	-11.67	497.42	50.10	-1366.01	-134.95	36.27	116.40
25251	4.32	23.17	-11.67	525.27	31.46	-1384.58	-98.91	27.71	120.28
25252	2.60	23.42	-11.67	548.17	15.98	-1415.96	-56.49	13.51	128.49
25253	0.87	23.55	-11.67	571.57	7.90	-1458.68	-14.32	14.94	139.70
25254	17.76	9.62	-13.00	153.15	517.43	-958.55	197.35	297.63	129.04
25255	17.06	10.82	-13.00	196.14	558.23	-1016.27	137.20	307.81	149.66
25256	16.27	11.98	-13.00	244.96	592.29	-1070.96	81.80	314.87	174.66
25257	15.40	13.08	-13.00	297.92	621.24	-1121.35	31.32	315.77	206.00
25258	14.46	14.11	-13.00	353.58	641.06	-1170.83	-14.50	309.05	238.07
25259	13.44	15.08	-13.00	412.72	649.41	-1218.96	-54.23	297.14	267.62
25260	12.37	15.98	-13.00	474.08	647.34	-1263.86	-85.19	282.22	295.40
25261	11.23	16.80	-13.00	536.32	637.46	-1304.26	-106.17	264.40	322.53
25262	10.04	17.54	-13.00	597.09	623.86	-1339.73	-117.12	243.54	348.61
25263	8.80	18.19	-13.00	654.52	608.21	-1370.45	-118.98	219.60	372.98
25264	7.52	18.76	-13.00	707.12	591.98	-1396.48	-112.52	192.80	394.91
25265	6.20	19.23	-13.00	753.49	576.59	-1417.83	-98.53	163.49	413.85
25266	4.86	19.62	-13.00	792.36	563.28	-1434.46	-77.91	132.15	429.33
25267	3.49	19.90	-13.00	822.71	553.10	-1446.29	-51.68	99.23	440.98
25268	2.10	20.10	-13.00	843.88	546.72	-1453.37	-20.95	65.12	448.72
25269	0.70	20.20	-13.00	855.67	544.44	-1455.60	12.99	30.33	452.63
25270	18.68	9.66	-13.00	60.98	404.67	-934.44	171.11	266.48	128.98
25271	17.95	10.95	-13.00	98.32	443.38	-998.98	104.22	275.45	142.61
25272	17.14	12.19	-13.00	144.44	473.66	-1061.41	43.84	281.72	162.58
25273	16.24	13.37	-13.00	196.50	497.00	-1118.61	-9.89	283.85	189.50
25274	15.26	14.48	-13.00	252.41	512.03	-1172.03	-57.77	280.48	219.85
25275	14.20	15.53	-13.00	312.17	516.20	-1222.22	-99.16	272.01	250.21
25276	13.07	16.49	-13.00	375.60	509.54	-1268.74	-132.01	259.64	279.24
25277	11.88	17.37	-13.00	441.26	494.17	-1310.98	-154.53	244.09	306.81
25278	10.62	18.17	-13.00	506.83	473.20	-1348.56	-165.93	225.47	332.84
25279	9.32	18.87	-13.00	569.93	449.54	-1381.31	-166.57	203.85	356.86
25280	7.96	19.48	-13.00	628.47	425.32	-1409.20	-157.21	179.46	378.34
25281	6.57	19.99	-13.00	680.58	402.47	-1432.14	-138.79	152.63	396.79
25282	5.14	20.41	-13.00	724.58	382.78	-1450.10	-112.40	123.78	411.86
25283	3.69	20.72	-13.00	759.02	367.55	-1462.93	-79.18	93.49	423.21
25284	2.22	20.93	-13.00	783.00	357.98	-1470.12	-40.49	62.27	430.17
25285	0.74	21.03	-13.00	796.10	354.25	-1472.95	2.42	29.78	433.55
25286	19.60	9.70	-13.00	-1.56	287.28	-907.20	137.81	204.72	123.18
25287	18.85	11.08	-13.00	26.66	329.26	-978.58	67.85	208.81	126.06
25288	18.01	12.41	-13.00	68.55	359.47	-1047.73	5.01	213.56	137.69
25289	17.08	13.67	-13.00	118.28	380.15	-1110.11	-50.56	216.17	156.90
25290	16.06	14.85	-13.00	173.04	391.11	-1167.35	-98.79	215.46	180.27
25291	14.95	15.97	-13.00	232.32	391.53	-1220.22	-139.51	211.12	204.95
25292	13.77	17.00	-13.00	295.87	381.37	-1268.86	-171.60	203.36	229.25
25293	12.52	17.94	-13.00	362.50	362.25	-1313.08	-193.49	192.54	252.43
25294	11.20	18.79	-13.00	430.09	336.80	-1352.62	-204.13	178.92	274.16
25295	9.83	19.55	-13.00	496.09	307.91	-1387.28	-203.30	162.67	294.13
25296	8.41	20.20	-13.00	558.04	278.23	-1416.89	-191.51	144.03	311.95
25297	6.94	20.76	-13.00	613.69	250.09	-1441.33	-169.66	123.32	327.25
25298	5.43	21.20	-13.00	660.93	225.56	-1460.49	-138.92	100.82	339.70
25299	3.90	21.54	-13.00	698.06	206.67	-1474.66	-100.57	76.78	349.42
25300	2.35	21.76	-13.00	723.90	192.93	-1483.24	-55.65	52.43	356.45
25301	0.78	21.87	-13.00	738.58	187.28	-1481.63	-7.13	28.65	356.69
25302	20.51	9.75	-13.00	-23.49	166.81	-867.73	94.46	114.57	123.21
25303	19.75	11.21	-13.00	-6.31	220.85	-961.08	27.63	109.64	106.07
25304	18.89	12.62	-13.00	30.73	256.95	-1038.17	-32.06	114.59	105.80
25305	17.92	13.96	-13.00	76.34	279.29	-1105.07	-84.86	117.65	113.75
25306	16.86	15.22	-13.00	127.43	289.46	-1165.62	-130.09	118.84	125.47
25307	15.71	16.41	-13.00	183.79	288.36	-1221.25	-167.68	118.23	138.69
25308	14.48	17.51	-13.00	244.98	277.00	-1272.35	-196.95	115.57	152.19
25309	13.17	18.52	-13.00	309.82	256.91	-1318.86	-216.64	110.90	165.34
25310	11.79	19.42	-13.00	376.28	230.37	-1360.58	-225.64	104.34	177.81
25311	10.35	20.23	-13.00	441.87	200.03	-1397.27	-223.41	96.07	189.37
25312	8.85	20.93	-13.00	503.98	168.54	-1428.72	-210.12	86.25	199.78
25313	7.30	21.52	-13.00	560.18	138.36	-1454.84	-186.48	75.09	208.86
25314	5.72	21.99	-13.00	608.21	111.78	-1475.26	-153.74	62.89	216.21
25315	4.11	22.35	-13.00	644.94	90.45	-1490.66	-112.54	48.68	222.08
25316	2.47	22.59	-13.00	670.63	75.77	-1505.45	-62.87	30.94	229.58
25317	0.83	22.71	-13.00	687.92	49.83	-1518.37	-6.99	16.95	247.18
25318	21.43	9.79	-13.00	-11.96	50.89	-839.57	31.36	-11.30	158.97
25319	20.65	11.34	-13.00	3.84	125.15	-973.55	-15.61	-7.10	102.73
25320	19.76	12.83	-13.00	35.12	174.12	-1063.89	-65.39	0.64	81.17
25321	18.76	14.25	-13.00	73.95	201.90	-1134.88	-108.93	3.39	74.05
25322	17.66	15.59	-13.00	118.50	214.66	-1198.17	-146.29	5.34	70.07
25323	16.47	16.85	-13.00	169.03	215.60	-1256.71	-177.69	7.50	67.32
25324	15.18	18.02	-13.00	224.91	206.70	-1310.87	-202.28	9.50	65.45
25325	13.81	19.09	-13.00	284.90	189.64	-1360.40	-218.79	11.21	64.28
25326	12.37	20.05	-13.00	347.01	166.31	-1404.97	-225.97	12.59	63.67
25327	10.86	20.91	-13.00	408.80	138.94	-1444.27	-223.03	13.69	63.48
25328	9.29	21.65	-13.00	467.71	109.92	-1478.11	-209.80	14.51	63.63
25329	7.67	22.28	-13.00	521.30	81.61	-1506.10	-186.73	15.05	64.04
25330	6.01	22.78	-13.00	567.11	56.02	-1529.30	-154.63	14.80	64.90
25331	4.32	23.17	-13.00	602.47	35.88	-1543.40	-115.35	14.60	65.07
25332	2.60	23.42	-13.00	614.75	19.37	-1573.86	-63.49	-7.37	69.37
25333	0.87	23.55	-13.00	650.52	-2.61	-1672.36	-1.98	-21.97	107.37
25334	17.76	9.62	-14.33	138.47	658.16	-959.52	254.74	117.14	103.63
25335	17.06	10.82	-14.33	190.16	699.65	-1014.95	180.23	121.66	105.90
25336	16.27	11.98	-14.33	253.31	745.89	-1066.37	111.47	126.64	116.34
25337	15.40	13.08	-14.33	322.22	790.49	-1113.84	45.61	127.94	130.81
25338	14.46	14.11	-14.33	393.80	814.07	-1160.40	-18.00	124.21	142.49
25339	13.44	15.08	-14.33	470.12	816.56	-1205.02	-72.92	118.33	151.20
25340	12.37	15.98	-14.33	549.46	805.41	-1246.36	-114.74	111.95	159.25
25341	11.23	16.80	-14.33	630.04	785.89	-1283.77	-142.50	104.78	167.93
25342	10.04	17.54	-14.33	708.59	763.45	-1316.95	-156.83	96.54	176.88
25343	8.80	18.19	-14.33	782.79	739.39	-1345.94	-159.27	87.08	185.53
25344	7.52	18.76	-14.33	850.71	715.37	-1370.70	-150.79	76.50	193.45

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]
25345	6.20	19.23	-14.33	910.46	693.15	-1391.15	-132.44	64.91	200.35
25346	4.86	19.62	-14.33	960.32	674.49	-1407.19	-105.40	52.53	205.96
25347	3.49	19.90	-14.33	998.99	660.72	-1418.76	-70.85	39.52	210.11
25348	2.10	20.10	-14.33	1025.70	652.43	-1425.80	-30.13	26.01	212.82
25349	0.70	20.20	-14.33	1040.26	649.74	-1428.44	14.93	12.21	214.18
25350	18.68	9.66	-14.33	7.96	496.70	-960.90	207.94	105.19	92.63
25351	17.95	10.95	-14.33	50.90	530.57	-1023.57	123.91	108.72	90.44
25352	17.14	12.19	-14.33	107.50	564.58	-1082.92	47.31	112.10	97.02
25353	16.24	13.37	-14.33	173.45	592.54	-1138.05	-21.73	113.54	108.26
25354	15.26	14.48	-14.33	245.35	609.57	-1189.73	-84.20	112.32	121.15
25355	14.20	15.53	-14.33	322.68	610.60	-1238.23	-138.62	108.74	133.51
25356	13.07	16.49	-14.33	404.89	596.78	-1283.14	-181.55	103.61	144.94
25357	11.88	17.37	-14.33	489.98	571.99	-1324.01	-210.67	97.33	155.73
25358	10.62	18.17	-14.33	574.95	540.54	-1360.56	-225.12	89.88	165.97
25359	9.32	18.87	-14.33	656.75	506.15	-1392.59	-225.46	81.27	175.45
25360	7.96	19.48	-14.33	732.70	471.59	-1420.00	-212.69	71.58	183.92
25361	6.57	19.99	-14.33	800.33	439.50	-1442.63	-188.11	60.94	191.16
25362	5.14	20.41	-14.33	857.26	412.58	-1460.43	-153.27	49.48	197.06
25363	3.69	20.72	-14.33	901.24	393.34	-1473.14	-109.47	37.54	201.20
25364	2.22	20.93	-14.33	931.18	382.87	-1481.05	-57.55	25.16	203.44
25365	0.74	21.03	-14.33	947.28	379.79	-1483.25	1.05	12.06	204.34
25366	19.60	9.70	-14.33	-84.15	342.53	-958.80	162.22	80.66	86.42
25367	18.85	11.08	-14.33	-49.90	375.50	-1028.96	74.58	80.39	78.91
25368	18.01	12.41	-14.33	-0.78	407.36	-1094.81	-4.88	82.56	82.54
25369	17.08	13.67	-14.33	60.08	429.32	-1156.16	-76.55	84.04	90.32
25370	16.06	14.85	-14.33	129.32	438.32	-1213.60	-139.59	84.20	99.89
25371	14.95	15.97	-14.33	205.47	433.07	-1267.07	-193.02	82.80	109.97
25372	13.77	17.00	-14.33	287.51	413.85	-1316.45	-234.91	79.94	119.78
25373	12.52	17.94	-14.33	373.59	383.26	-1361.45	-263.16	75.82	129.07
25374	11.20	18.79	-14.33	460.89	344.97	-1401.80	-276.50	70.56	137.75
25375	9.83	19.55	-14.33	546.18	302.82	-1437.27	-274.74	64.25	145.71
25376	8.41	20.20	-14.33	626.34	260.30	-1467.67	-258.57	56.97	152.79
25377	6.94	20.76	-14.33	698.53	220.60	-1492.86	-229.33	48.89	158.85
25378	5.43	21.20	-14.33	760.18	186.88	-1512.53	-189.07	40.25	163.52
25379	3.90	21.54	-14.33	808.10	163.31	-1527.20	-140.29	30.77	167.47
25380	2.35	21.76	-14.33	838.78	154.04	-1534.34	-82.52	22.02	167.76
25381	0.78	21.87	-14.33	853.71	155.26	-1540.42	-13.45	11.86	166.68
25382	20.51	9.75	-14.33	-113.77	202.03	-953.28	109.22	40.75	78.22
25383	19.75	11.21	-14.33	-83.68	240.43	-1034.91	28.87	37.73	63.42
25384	18.89	12.62	-14.33	-42.37	276.74	-1107.69	-44.97	39.61	62.76
25385	17.92	13.96	-14.33	10.71	299.57	-1175.03	-112.38	41.46	66.10
25386	16.86	15.22	-14.33	72.97	307.03	-1238.02	-171.52	42.56	70.84
25387	15.71	16.41	-14.33	143.23	299.72	-1296.65	-221.14	42.83	76.11
25388	14.48	17.51	-14.33	220.33	279.10	-1350.75	-259.73	42.22	81.44
25389	13.17	18.52	-14.33	302.39	247.51	-1400.08	-285.55	40.76	86.58
25390	11.79	19.42	-14.33	386.68	208.09	-1444.37	-297.21	38.55	91.43
25391	10.35	20.23	-14.33	470.00	164.38	-1483.36	-294.14	35.65	95.89
25392	8.85	20.93	-14.33	549.10	119.87	-1516.84	-276.67	32.16	99.89
25393	7.30	21.52	-14.33	621.05	77.88	-1544.53	-245.93	28.22	103.30
25394	5.72	21.99	-14.33	683.31	41.45	-1566.73	-203.83	23.91	106.21
25395	4.11	22.35	-14.33	734.16	14.31	-1580.84	-154.20	20.27	106.50
25396	2.47	22.59	-14.33	765.35	6.09	-1598.49	-102.16	12.08	112.95
25397	0.83	22.71	-14.33	774.71	25.05	-1574.82	-32.14	18.29	93.64
25398	21.43	9.79	-14.33	-48.52	90.64	-950.30	20.16	-27.90	111.45
25399	20.65	11.34	-14.33	-26.82	128.73	-1046.23	-27.32	-21.02	71.88
25400	19.76	12.83	-14.33	6.16	173.03	-1126.79	-80.01	-17.88	60.71
25401	18.76	14.25	-14.33	49.34	203.18	-1199.14	-131.71	-16.87	55.99
25402	17.66	15.59	-14.33	101.21	216.49	-1266.89	-177.80	-16.07	52.38
25403	16.47	16.85	-14.33	160.95	215.36	-1330.06	-216.81	-14.94	49.05
25404	15.18	18.02	-14.33	227.64	202.13	-1388.49	-247.39	-13.57	46.02
25405	13.81	19.09	-14.33	299.51	178.99	-1441.84	-267.87	-12.02	43.31
25406	12.37	20.05	-14.33	374.07	148.37	-1489.79	-276.77	-10.30	40.93
25407	10.86	20.91	-14.33	448.37	113.10	-1532.05	-273.21	-8.39	38.86
25408	9.29	21.65	-14.33	519.44	76.16	-1568.32	-257.09	-6.30	37.12
25409	7.67	22.28	-14.33	584.51	40.38	-1598.65	-229.11	-4.07	35.71
25410	6.01	22.78	-14.33	641.32	8.85	-1621.60	-190.58	-1.66	34.54
25411	4.32	23.17	-14.33	688.01	-17.91	-1643.77	-143.64	0.05	35.26
25412	2.60	23.42	-14.33	724.59	-26.84	-1628.98	-95.64	8.68	21.49
25413	0.87	23.55	-14.33	697.60	-20.00	-1834.35	-52.06	-85.10	96.14
25414	-11.67	9.50	-11.67	535.48	736.42	-1066.00	4.77	-256.72	58.86
25415	-12.71	9.45	-11.67	496.04	710.16	-1062.30	3.06	-281.91	80.91
25416	-13.75	9.40	-11.67	453.07	683.13	-1052.83	2.92	-305.41	101.99
25417	-11.86	10.51	-11.67	531.23	739.88	-1115.91	20.84	-281.46	116.32
25418	-12.77	10.36	-11.67	494.17	714.97	-1103.33	19.51	-302.51	128.98
25419	-13.67	10.20	-11.67	455.61	689.39	-1086.81	18.87	-319.97	140.24
25420	-12.05	11.51	-11.67	522.59	733.45	-1160.39	39.94	-304.12	177.80
25421	-12.82	11.26	-11.67	489.62	713.04	-1140.26	37.57	-320.76	178.71
25422	-13.59	10.99	-11.67	455.38	690.39	-1118.48	36.32	-335.62	181.86
25423	-0.56	9.90	-11.67	768.86	877.35	-1070.58	60.41	7.39	-62.76
25424	-1.69	9.89	-11.67	764.24	875.59	-1067.46	53.28	-19.18	-59.17
25425	-2.81	9.87	-11.67	754.71	870.98	-1065.46	46.36	-45.30	-54.08
25426	-3.93	9.85	-11.67	740.43	863.61	-1064.25	39.63	-71.11	-47.26
25427	-5.05	9.82	-11.67	721.70	853.43	-1063.71	33.15	-96.73	-38.49
25428	-6.17	9.78	-11.67	698.86	840.43	-1063.80	26.99	-122.36	-27.57
25429	-7.28	9.74	-11.67	672.26	824.63	-1064.44	21.26	-148.26	-14.36
25430	-8.39	9.69	-11.67	642.26	806.10	-1065.45	16.09	-174.68	1.20
25431	-9.50	9.63	-11.67	609.21	784.94	-1066.47	11.56	-201.79	19.09
25432	-10.60	9.56	-11.67	573.36	761.42	-1066.79	7.71	-229.45	38.96
25433	-0.58	11.69	-11.67	788.23	898.11	-1189.34	54.76	4.70	32.06
25434	-1.75	11.67	-11.67	783.17	896.44	-1185.17	51.11	-26.27	34.32
25435	-2.91	11.62	-11.67	772.40	891.01	-1181.13	47.44	-56.86	38.24
25436	-4.07	11.55	-11.67	756.19	882.13	-1176.52	43.82	-86.92	43.89
25437	-5.22	11.46	-11.67	735.01	870.02	-1171.25	40.26	-116.42	51.12
25438	-6.37	11.35	-11.67	709.28	854.79	-1165.17	36.74	-145.47	59.77
25439	-7.51	11.21	-11.67	679.45	836.56	-1158.07	33.27	-174.11	69.74
25440	-8.64	11.06	-11.67	645.98	815.45	-1149.69	29.92	-202.38	80.89
25441	-9.75	10.88	-11.67	609.36	791.64	-1139.75	26.64	-230.17	92.90
25442	-10.86	10.68	-11.67	570.04	765.49	-1127.83	23.34	-257.26	105.22
25443	-0.60	13.49	-11.67	793.83	886.18	-1312.12	48.90	1.98	153.31

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]
25444	-1.81	13.45	-11.67	788.46	884.45	-1307.18	49.56	-34.48	154.82
25445	-3.02	13.37	-11.67	776.89	879.19	-1300.35	50.09	-70.41	156.67
25446	-4.21	13.26	-11.67	759.46	870.50	-1291.12	50.36	-105.25	159.06
25447	-5.40	13.10	-11.67	736.69	858.59	-1279.62	50.34	-138.86	162.00
25448	-6.58	12.91	-11.67	709.06	843.66	-1265.80	49.96	-171.16	165.37
25449	-7.74	12.69	-11.67	677.09	825.88	-1249.45	49.15	-202.04	168.99
25450	-8.88	12.43	-11.67	641.26	805.39	-1230.32	47.85	-231.32	172.64
25451	-10.01	12.13	-11.67	602.13	782.29	-1208.24	45.91	-258.79	175.97
25452	-11.11	11.80	-11.67	560.42	756.78	-1183.22	43.07	-283.95	178.09
25453	-0.63	15.29	-11.67	786.62	835.01	-1419.68	43.97	-1.33	297.72
25454	-1.88	15.23	-11.67	781.14	833.74	-1413.28	49.82	-43.51	297.41
25455	-3.12	15.12	-11.67	769.13	829.74	-1403.43	55.40	-84.78	295.77
25456	-4.36	14.96	-11.67	750.98	823.10	-1389.72	60.38	-124.39	292.92
25457	-5.58	14.75	-11.67	727.23	813.92	-1372.25	64.56	-161.95	289.00
25458	-6.78	14.48	-11.67	698.42	802.31	-1351.05	67.76	-197.16	284.06
25459	-7.97	14.16	-11.67	665.12	788.42	-1326.06	69.83	-229.71	278.13
25460	-9.13	13.80	-11.67	627.92	772.35	-1297.20	70.58	-259.33	271.22
25461	-10.27	13.38	-11.67	587.41	754.05	-1264.45	69.71	-285.83	263.20
25462	-11.37	12.92	-11.67	544.47	733.08	-1228.26	66.99	-309.15	254.01
25463	-0.65	17.08	-11.67	767.40	739.88	-1494.33	40.30	-4.31	448.41
25464	-1.94	17.01	-11.67	761.98	740.00	-1486.92	52.41	-51.39	445.85
25465	-3.22	16.87	-11.67	749.85	738.93	-1474.77	63.98	-97.11	439.85
25466	-4.50	16.66	-11.67	731.42	736.67	-1457.75	74.45	-140.62	430.60
25467	-5.75	16.39	-11.67	707.23	733.20	-1435.99	83.41	-181.33	418.41
25468	-6.99	16.04	-11.67	677.91	728.48	-1409.60	90.51	-218.74	403.61
25469	-8.20	15.64	-11.67	644.13	722.48	-1378.69	95.46	-252.44	386.59
25470	-9.38	15.17	-11.67	606.59	715.07	-1343.38	97.95	-282.10	367.72
25471	-10.52	14.63	-11.67	566.04	705.93	-1303.80	97.63	-307.66	347.34
25472	-11.63	14.04	-11.67	523.37	694.41	-1260.47	94.33	-329.44	325.43
25473	-0.67	18.88	-11.67	737.80	601.19	-1520.70	37.77	-5.72	571.57
25474	-2.00	18.79	-11.67	732.57	603.41	-1513.21	56.98	-55.03	567.30
25475	-3.33	18.62	-11.67	720.63	606.92	-1500.65	75.27	-102.80	557.93
25476	-4.64	18.37	-11.67	702.38	611.53	-1483.06	91.80	-148.14	543.73
25477	-5.93	18.03	-11.67	678.37	616.95	-1460.51	105.91	-190.41	525.09
25478	-7.20	17.61	-11.67	649.30	622.84	-1433.15	117.03	-229.02	502.58
25479	-8.43	17.11	-11.67	615.96	628.77	-1401.11	124.73	-263.51	476.82
25480	-9.63	16.54	-11.67	579.22	634.22	-1364.54	128.62	-293.53	448.47
25481	-10.78	15.88	-11.67	539.97	638.50	-1323.56	128.37	-318.98	418.13
25482	-11.89	15.16	-11.67	499.14	640.61	-1278.52	123.76	-340.07	386.05
25483	-16.80	9.56	-11.67	303.62	592.86	-992.74	25.73	-357.66	163.20
25484	-16.19	10.65	-11.67	328.73	608.59	-1042.91	47.99	-368.66	201.26
25485	-15.51	11.70	-11.67	355.25	620.14	-1091.26	68.98	-375.72	240.52
25486	-15.78	9.48	-11.67	354.48	624.69	-1019.45	14.52	-347.70	145.91
25487	-15.36	10.44	-11.67	371.65	637.31	-1061.04	34.65	-358.13	181.99
25488	-14.89	11.36	-11.67	389.38	645.49	-1100.84	53.89	-365.32	218.72
25489	-14.77	9.41	-11.67	404.07	654.18	-1039.05	6.33	-330.26	124.83
25490	-14.53	10.23	-11.67	412.79	663.51	-1073.38	23.58	-341.86	158.87
25491	-14.27	11.03	-11.67	422.72	668.83	-1105.63	40.51	-348.53	195.08
25492	-12.91	14.38	-11.67	459.42	639.72	-1231.81	115.13	-357.19	354.56
25493	-12.60	13.43	-11.67	484.16	682.09	-1218.34	88.08	-346.18	303.88
25494	-12.30	12.48	-11.67	506.39	713.80	-1195.06	63.15	-327.06	245.13
25495	-13.85	13.56	-11.67	422.21	635.95	-1185.01	102.69	-368.79	319.05
25496	-13.44	12.81	-11.67	449.21	670.09	-1178.99	79.57	-357.65	278.99
25497	-13.05	12.07	-11.67	474.23	697.35	-1166.08	58.19	-340.58	233.24
25498	-14.73	12.67	-11.67	387.24	629.05	-1138.02	87.67	-375.59	282.32
25499	-14.25	12.15	-11.67	415.78	656.35	-1139.66	69.36	-364.24	253.28
25500	-13.77	11.64	-11.67	442.62	680.81	-1136.29	52.24	-349.56	217.67
25501	-11.67	9.50	-13.00	671.79	957.25	-979.22	-3.32	-176.33	80.70
25502	-12.71	9.45	-13.00	619.64	916.43	-979.14	-5.21	-193.35	99.89
25503	-13.75	9.40	-13.00	562.15	876.05	-974.89	-7.34	-207.45	116.13
25504	-11.86	10.51	-13.00	664.78	964.49	-1024.99	20.36	-192.80	121.27
25505	-12.77	10.36	-13.00	616.06	927.66	-1017.89	17.88	-207.23	133.56
25506	-13.67	10.20	-13.00	564.19	890.63	-1008.22	14.38	-217.49	142.85
25507	-12.05	11.51	-13.00	651.44	954.98	-1066.58	46.98	-206.07	161.44
25508	-12.82	11.26	-13.00	607.59	926.10	-1051.97	42.87	-218.10	164.45
25509	-13.59	10.99	-13.00	562.28	897.82	-1037.07	36.26	-228.69	167.30
25510	-0.56	9.90	-13.00	962.24	1167.00	-990.92	71.28	5.45	-20.05
25511	-1.69	9.89	-13.00	957.43	1165.13	-988.81	59.68	-11.88	-17.49
25512	-2.81	9.87	-13.00	946.80	1158.94	-986.88	48.57	-28.86	-13.43
25513	-3.93	9.85	-13.00	930.46	1148.51	-985.13	38.09	-45.75	-7.86
25514	-5.05	9.82	-13.00	908.58	1133.84	-983.54	28.41	-62.73	-0.66
25515	-6.17	9.78	-13.00	881.33	1114.95	-982.11	19.70	-79.99	8.30
25516	-7.28	9.74	-13.00	848.84	1091.80	-980.86	12.20	-97.77	19.10
25517	-8.39	9.69	-13.00	811.24	1064.35	-979.79	6.13	-116.34	31.81
25518	-9.50	9.63	-13.00	768.72	1032.50	-978.99	1.73	-135.90	46.60
25519	-10.60	9.56	-13.00	721.75	996.31	-978.64	-1.26	-156.34	63.48
25520	-0.58	11.69	-13.00	992.62	1193.77	-1092.51	65.28	3.19	41.42
25521	-1.75	11.67	-13.00	986.63	1191.05	-1089.32	58.59	-17.47	43.61
25522	-2.91	11.62	-13.00	973.80	1183.42	-1085.48	52.21	-37.62	47.23
25523	-4.07	11.55	-13.00	954.27	1171.00	-1080.86	46.24	-57.54	52.26
25524	-5.22	11.46	-13.00	928.36	1153.91	-1075.36	40.77	-77.30	58.71
25525	-6.37	11.35	-13.00	896.44	1132.27	-1068.91	35.87	-96.93	66.55
25526	-7.51	11.21	-13.00	858.84	1106.24	-1061.45	31.61	-116.51	75.67
25527	-8.64	11.06	-13.00	815.94	1075.94	-1052.91	28.10	-136.07	85.97
25528	-9.75	10.88	-13.00	768.15	1041.45	-1043.34	25.45	-155.67	97.48
25529	-10.86	10.68	-13.00	716.27	1002.86	-1033.19	22.78	-175.19	109.97
25530	-0.60	13.49	-13.00	1003.87	1168.41	-1193.18	59.80	0.94	122.67
25531	-1.81	13.45	-13.00	997.13	1165.75	-1189.06	59.27	-23.66	124.08
25532	-3.02	13.37	-13.00	982.60	1158.14	-1183.22	58.82	-47.63	126.20
25533	-4.21	13.26	-13.00	960.55	1145.79	-1175.47	58.41	-71.02	129.03
25534	-5.40	13.10	-13.00	931.49	1128.99	-1165.73	57.96	-93.72	132.59
25535	-6.58	12.91	-13.00	895.99	1108.00	-1153.98	57.40	-115.61	136.80
25536	-7.74	12.69	-13.00	854.64	1083.15	-1140.12	56.66	-136.57	141.57
25537	-8.88	12.43	-13.00	808.07	1054.71	-1123.99	55.71	-156.40	146.82
25538	-10.01	12.13	-13.00	756.84	1022.91	-1105.44	54.52	-174.93	152.73
25539	-11.11	11.80	-13.00	701.91	987.62	-1084.68	51.66	-191.84	158.62
25540	-0.63	15.29	-13.00	995.12	1087.34	-1285.12	55.34	-1.44	223.58
25541	-1.88	15.23	-13.00	987.93	1085.57	-1279.99	62.34	-30.23	223.69
25542	-3.12	15.12	-13.00	972.29	1079.88	-1272.06	69.05	-58.17	223.17

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]
25543	-4.36	14.96	-13.00	948.58	1070.48	-1261.16	75.19	-85.05	222.08
25544	-5.58	14.75	-13.00	917.46	1057.67	-1247.27	80.46	-110.56	220.52
25545	-6.78	14.48	-13.00	879.67	1041.74	-1230.39	84.60	-134.43	218.58
25546	-7.97	14.16	-13.00	836.03	1022.99	-1210.50	87.43	-156.39	216.33
25547	-9.13	13.80	-13.00	787.38	1001.75	-1187.43	88.75	-176.09	213.91
25548	-10.27	13.38	-13.00	734.42	978.35	-1160.87	88.43	-193.32	211.84
25549	-11.37	12.92	-13.00	678.02	951.76	-1130.62	85.05	-208.14	210.33
25550	-0.65	17.08	-13.00	965.46	947.31	-1362.82	52.07	-3.55	329.14
25551	-1.94	17.01	-13.00	958.22	947.54	-1356.79	67.73	-35.88	327.57
25552	-3.22	16.87	-13.00	942.22	946.07	-1347.04	82.58	-67.12	323.80
25553	-4.50	16.66	-13.00	917.94	943.05	-1333.46	96.03	-96.83	317.97
25554	-5.75	16.39	-13.00	886.11	938.58	-1316.06	107.48	-124.56	310.30
25555	-6.99	16.04	-13.00	847.58	932.75	-1294.91	116.49	-149.94	301.09
25556	-8.20	15.64	-13.00	803.35	925.62	-1270.03	122.68	-172.62	290.67
25557	-9.38	15.17	-13.00	754.43	917.24	-1241.37	125.77	-192.29	279.49
25558	-10.52	14.63	-13.00	701.62	907.67	-1208.70	125.44	-208.83	268.29
25559	-11.63	14.04	-13.00	645.81	895.96	-1171.60	120.73	-222.72	257.52
25560	-0.67	18.88	-13.00	916.76	755.59	-1419.62	49.65	-4.56	414.15
25561	-2.00	18.79	-13.00	909.89	758.72	-1413.13	74.47	-38.50	411.29
25562	-3.33	18.62	-13.00	894.40	763.42	-1402.38	97.92	-71.27	405.06
25563	-4.64	18.37	-13.00	870.78	769.58	-1387.28	118.95	-102.32	395.63
25564	-5.93	18.03	-13.00	839.70	777.04	-1367.89	136.74	-131.18	383.31
25565	-7.20	17.61	-13.00	802.11	785.47	-1344.28	150.62	-157.45	368.50
25566	-8.43	17.11	-13.00	759.09	794.40	-1316.51	160.05	-180.80	351.72
25567	-9.63	16.54	-13.00	711.80	803.30	-1284.61	164.61	-200.96	333.60
25568	-10.78	15.88	-13.00	661.30	811.64	-1248.49	163.89	-217.86	314.89
25569	-11.89	15.16	-13.00	608.54	818.19	-1207.94	157.25	-231.88	296.21
25570	-16.80	9.56	-13.00	359.71	753.89	-942.31	18.90	-243.02	147.66
25571	-16.19	10.65	-13.00	391.16	778.37	-991.24	48.16	-251.93	174.93
25572	-15.51	11.70	-13.00	424.76	794.36	-1036.22	76.56	-259.68	201.41
25573	-15.78	9.48	-13.00	427.80	797.26	-955.80	3.94	-234.34	140.44
25574	-15.36	10.44	-13.00	449.41	819.10	-996.63	31.08	-242.42	166.12
25575	-14.89	11.36	-13.00	470.96	832.06	-1033.22	57.74	-249.73	189.15
25576	-14.77	9.41	-13.00	495.62	835.97	-967.30	-5.03	-222.85	130.37
25577	-14.53	10.23	-13.00	506.21	854.10	-1001.46	18.99	-231.19	154.31
25578	-14.27	11.03	-13.00	518.30	865.49	-1030.82	44.48	-236.42	175.07
25579	-12.91	14.38	-13.00	556.84	821.05	-1164.49	144.38	-244.35	279.30
25580	-12.60	13.43	-13.00	593.72	882.69	-1133.78	110.86	-234.37	247.55
25581	-12.30	12.48	-13.00	626.96	926.22	-1102.16	78.65	-220.39	208.57
25582	-13.85	13.56	-13.00	508.95	818.36	-1120.16	125.13	-253.97	258.12
25583	-13.44	12.81	-13.00	547.82	867.29	-1098.10	96.69	-243.57	232.95
25584	-13.05	12.07	-13.00	584.21	903.95	-1077.64	69.93	-230.91	202.31
25585	-14.73	12.67	-13.00	464.71	807.47	-1077.36	102.30	-260.51	232.93
25586	-14.25	12.15	-13.00	504.54	846.68	-1065.05	80.06	-249.40	214.67
25587	-13.77	11.64	-13.00	542.44	874.53	-1055.75	58.67	-237.95	189.51
25588	-11.67	9.50	-14.33	835.09	1240.45	-930.80	-19.80	-66.09	113.81
25589	-12.71	9.45	-14.33	767.34	1170.58	-930.16	-22.20	-72.57	132.16
25590	-13.75	9.40	-14.33	693.06	1104.50	-927.64	-29.98	-75.53	146.55
25591	-11.86	10.51	-14.33	823.92	1241.20	-976.49	18.53	-72.54	128.12
25592	-12.77	10.36	-14.33	759.42	1175.52	-971.09	14.73	-78.43	149.14
25593	-13.67	10.20	-14.33	693.27	1112.37	-963.96	2.69	-79.51	164.81
25594	-12.05	11.51	-14.33	807.84	1234.96	-1018.36	59.76	-74.51	145.05
25595	-12.82	11.26	-14.33	750.24	1186.98	-1006.63	50.74	-79.25	164.09
25596	-13.59	10.99	-14.33	687.95	1126.78	-996.71	40.37	-83.43	183.29
25597	-0.56	9.90	-14.33	1187.32	1529.34	-955.72	81.20	3.03	40.56
25598	-1.69	9.89	-14.33	1181.84	1526.85	-953.87	63.63	-2.87	42.05
25599	-2.81	9.87	-14.33	1169.67	1519.26	-951.73	46.88	-8.71	44.47
25600	-3.93	9.85	-14.33	1151.00	1506.42	-949.35	31.21	-14.56	47.94
25601	-5.05	9.82	-14.33	1125.89	1488.20	-946.74	16.89	-20.52	52.52
25602	-6.17	9.78	-14.33	1094.31	1464.42	-943.93	4.25	-26.69	58.34
25603	-7.28	9.74	-14.33	1056.15	1434.83	-940.94	-6.31	-33.19	65.49
25604	-8.39	9.69	-14.33	1011.13	1398.98	-937.83	-14.33	-40.19	74.13
25605	-9.50	9.63	-14.33	958.85	1356.02	-934.74	-19.20	-48.00	84.54
25606	-10.60	9.56	-14.33	899.24	1303.67	-932.08	-19.95	-57.02	98.14
25607	-0.58	11.69	-14.33	1229.98	1552.73	-1042.12	74.76	1.72	51.27
25608	-1.75	11.67	-14.33	1222.70	1549.00	-1039.47	63.16	-5.53	52.86
25609	-2.91	11.62	-14.33	1207.22	1539.11	-1035.83	52.39	-12.64	55.22
25610	-4.07	11.55	-14.33	1183.88	1523.09	-1031.22	42.49	-19.70	58.64
25611	-5.22	11.46	-14.33	1152.89	1501.06	-1025.64	33.66	-26.79	63.19
25612	-6.37	11.35	-14.33	1114.46	1473.15	-1019.07	26.10	-33.92	68.94
25613	-7.51	11.21	-14.33	1068.80	1439.50	-1011.53	20.07	-41.14	75.97
25614	-8.64	11.06	-14.33	1016.09	1400.19	-1003.03	15.87	-48.46	84.40
25615	-9.75	10.88	-14.33	956.37	1355.05	-993.66	14.05	-56.04	94.45
25616	-10.86	10.68	-14.33	889.61	1301.90	-984.05	16.71	-64.64	109.35
25617	-0.60	13.49	-14.33	1250.46	1522.33	-1126.25	69.58	0.79	80.19
25618	-1.81	13.45	-14.33	1241.75	1518.30	-1122.81	65.93	-8.02	81.53
25619	-3.02	13.37	-14.33	1223.48	1507.70	-1117.66	62.89	-16.65	83.25
25620	-4.21	13.26	-14.33	1196.06	1490.78	-1110.79	60.25	-25.12	85.75
25621	-5.40	13.10	-14.33	1159.95	1467.89	-1102.20	58.01	-33.40	89.07
25622	-6.58	12.91	-14.33	1115.68	1439.50	-1091.89	56.19	-41.44	93.28
25623	-7.74	12.69	-14.33	1063.90	1406.08	-1079.87	54.85	-49.19	98.47
25624	-8.88	12.43	-14.33	1005.34	1368.22	-1066.11	54.10	-56.50	104.81
25625	-10.01	12.13	-14.33	940.78	1326.56	-1050.52	54.37	-63.14	112.55
25626	-11.11	11.80	-14.33	870.60	1281.39	-1033.43	58.75	-69.38	126.44
25627	-0.63	15.29	-14.33	1242.72	1415.77	-1207.85	65.73	-0.21	119.52
25628	-1.88	15.23	-14.33	1233.05	1412.88	-1203.60	72.26	-10.82	120.27
25629	-3.12	15.12	-14.33	1212.77	1404.39	-1196.90	78.85	-21.15	120.87
25630	-4.36	14.96	-14.33	1182.39	1390.72	-1187.73	84.98	-31.12	121.73
25631	-5.58	14.75	-14.33	1142.59	1372.32	-1176.12	90.34	-40.61	122.90
25632	-6.78	14.48	-14.33	1094.25	1349.74	-1162.09	94.70	-49.50	124.52
25633	-7.97	14.16	-14.33	1038.42	1323.60	-1145.65	97.89	-57.65	126.73
25634	-9.13	13.80	-14.33	976.30	1294.67	-1126.77	99.86	-64.85	129.84
25635	-10.27	13.38	-14.33	909.23	1264.14	-1105.26	100.91	-70.60	134.35
25636	-11.37	12.92	-14.33	837.71	1235.98	-1080.79	103.51	-75.01	145.81
25637	-0.65	17.08	-14.33	1202.89	1221.75	-1286.53	63.30	-1.12	161.97
25638	-1.94	17.01	-14.33	1192.92	1221.71	-1281.49	81.98	-13.35	161.91
25639	-3.22	16.87	-14.33	1171.78	1218.92	-1273.29	99.83	-25.20	161.10
25640	-4.50	16.66	-14.33	1140.08	1213.78	-1261.91	115.94	-36.45	159.90
25641	-5.75	16.39	-14.33	1098.70	1206.58	-1247.39	129.63	-46.92	158.43

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]
25642	-6.99	16.04	-14.33	1048.76	1197.62	-1229.76	140.35	-56.44	156.88
25643	-8.20	15.64	-14.33	991.61	1187.24	-1209.07	147.69	-64.85	155.51
25644	-9.38	15.17	-14.33	928.72	1175.90	-1185.31	151.39	-71.94	154.75
25645	-10.52	14.63	-14.33	861.55	1164.67	-1158.29	151.45	-77.35	155.28
25646	-11.63	14.04	-14.33	790.40	1157.51	-1127.65	148.43	-81.45	160.71
25647	-0.67	18.88	-14.33	1131.40	947.97	-1361.68	61.87	-1.58	197.96
25648	-2.00	18.79	-14.33	1121.91	952.15	-1355.93	93.66	-14.75	197.12
25649	-3.33	18.62	-14.33	1101.43	958.26	-1346.25	123.56	-27.45	195.08
25650	-4.64	18.37	-14.33	1070.51	966.38	-1332.71	150.17	-39.42	192.02
25651	-5.93	18.03	-14.33	1030.07	976.50	-1315.34	172.41	-50.47	188.10
25652	-7.20	17.61	-14.33	981.35	988.36	-1294.20	189.47	-60.43	183.56
25653	-8.43	17.11	-14.33	925.84	1001.56	-1269.36	200.66	-69.14	178.71
25654	-9.63	16.54	-14.33	865.14	1015.77	-1240.87	205.50	-76.48	173.99
25655	-10.78	15.88	-14.33	800.80	1031.03	-1208.69	203.55	-82.29	170.00
25656	-11.89	15.16	-14.33	733.41	1048.85	-1172.69	194.10	-86.97	168.38
25657	-16.80	9.56	-14.33	417.26	978.55	-917.01	-9.37	-90.50	128.09
25658	-16.19	10.65	-14.33	453.28	1002.22	-966.52	24.22	-94.35	136.41
25659	-15.51	11.70	-14.33	497.31	1035.03	-1011.02	57.48	-100.53	150.71
25660	-15.78	9.48	-14.33	511.22	1022.49	-921.35	-27.88	-84.57	141.39
25661	-15.36	10.44	-14.33	534.27	1042.56	-964.47	1.10	-87.33	153.91
25662	-14.89	11.36	-14.33	563.99	1072.83	-1002.48	33.35	-93.41	169.08
25663	-14.77	9.41	-14.33	603.04	1058.27	-924.80	-38.90	-80.25	149.52
25664	-14.53	10.23	-14.33	613.15	1073.39	-961.67	-12.59	-82.59	166.07
25665	-14.27	11.03	-14.33	624.52	1098.10	-994.27	15.39	-84.83	184.41
25666	-12.91	14.38	-14.33	667.89	1067.85	-1133.49	173.67	-92.08	171.44
25667	-12.60	13.43	-14.33	725.32	1155.49	-1095.16	135.48	-85.20	172.65
25668	-12.30	12.48	-14.33	775.20	1214.78	-1056.40	99.91	-78.48	165.12
25669	-13.85	13.56	-14.33	606.35	1080.26	-1092.34	140.45	-96.98	172.09
25670	-13.44	12.81	-14.33	665.54	1150.24	-1063.13	109.55	-89.32	181.74
25671	-13.05	12.07	-14.33	719.02	1191.03	-1035.07	83.21	-82.75	180.48
25672	-14.73	12.67	-14.33	549.84	1072.94	-1050.75	98.51	-101.72	167.67
25673	-14.25	12.15	-14.33	608.04	1125.84	-1032.33	73.42	-93.51	183.44
25674	-13.77	11.64	-14.33	661.90	1167.71	-1013.30	57.90	-86.50	188.60
25675	-0.70	20.20	-11.67	703.18	443.39	-1502.49	36.26	-5.61	629.15
25676	-2.10	20.10	-11.67	697.70	447.75	-1494.90	63.28	-55.02	624.15
25677	-3.49	19.90	-11.67	684.86	455.64	-1482.48	88.97	-102.80	613.56
25678	-4.86	19.62	-11.67	665.18	466.80	-1465.09	112.23	-148.25	597.50
25679	-6.20	19.23	-11.67	639.28	480.65	-1442.81	132.08	-190.73	576.47
25680	-7.52	18.76	-11.67	608.01	496.53	-1415.79	147.72	-229.61	551.08
25681	-8.80	18.19	-11.67	572.34	513.67	-1384.11	158.54	-264.39	521.97
25682	-10.04	17.54	-11.67	533.37	531.13	-1347.88	164.06	-294.71	489.84
25683	-11.23	16.80	-11.67	492.27	547.81	-1307.20	163.96	-320.40	455.35
25684	-12.37	15.98	-11.67	450.46	562.42	-1262.30	157.94	-341.41	418.86
25685	-13.44	15.08	-11.67	409.53	572.52	-1214.06	146.68	-357.64	380.72
25686	-14.46	14.11	-11.67	370.10	577.76	-1163.75	131.23	-369.01	340.43
25687	-15.40	13.08	-11.67	333.15	578.22	-1112.34	112.69	-374.37	298.34
25688	-16.27	11.98	-11.67	298.53	573.63	-1059.60	91.51	-372.67	255.95
25689	-17.06	10.82	-11.67	266.81	563.97	-1004.41	68.16	-364.73	215.64
25690	-17.76	9.62	-11.67	238.52	549.33	-947.60	43.26	-352.69	176.96
25691	-0.74	21.03	-11.67	669.25	295.41	-1456.89	35.37	-3.06	606.50
25692	-2.22	20.93	-11.67	662.69	302.14	-1449.66	69.52	-48.53	601.57
25693	-3.69	20.72	-11.67	647.83	314.12	-1436.92	102.37	-92.63	590.83
25694	-5.14	20.41	-11.67	625.20	330.11	-1419.01	132.21	-134.75	575.12
25695	-6.57	19.99	-11.67	595.60	349.65	-1396.24	157.66	-174.11	554.97
25696	-7.96	19.48	-11.67	559.97	372.08	-1368.73	177.75	-210.06	530.84
25697	-9.32	18.87	-11.67	519.58	396.43	-1336.53	191.77	-242.18	503.24
25698	-10.62	18.17	-11.67	475.86	421.47	-1299.76	199.23	-270.16	472.75
25699	-11.88	17.37	-11.67	430.39	445.79	-1258.60	199.78	-293.82	439.92
25700	-13.07	16.49	-11.67	384.91	467.54	-1213.43	193.55	-313.04	405.15
25701	-14.20	15.53	-11.67	340.97	485.11	-1164.87	181.43	-327.61	368.52
25702	-15.26	14.48	-11.67	299.49	497.69	-1113.67	164.69	-336.92	330.21
25703	-16.24	13.37	-11.67	260.85	505.12	-1060.25	144.46	-340.12	291.07
25704	-17.14	12.19	-11.67	225.27	507.58	-1004.14	121.29	-337.09	252.87
25705	-17.95	10.95	-11.67	193.31	504.11	-945.05	95.35	-328.97	216.28
25706	-18.68	9.66	-11.67	165.71	494.55	-884.79	67.38	-317.16	181.01
25707	-0.78	21.87	-11.67	636.16	159.60	-1407.07	31.94	4.67	513.57
25708	-2.35	21.76	-11.67	628.22	171.73	-1398.56	71.71	-30.57	506.63
25709	-3.90	21.54	-11.67	611.59	187.81	-1384.30	111.06	-66.34	496.16
25710	-5.43	21.20	-11.67	587.31	207.66	-1365.61	146.69	-100.69	482.97
25711	-6.94	20.76	-11.67	555.43	231.56	-1342.66	176.84	-132.38	466.83
25712	-8.41	20.20	-11.67	516.95	258.98	-1315.01	200.69	-161.13	447.59
25713	-9.83	19.55	-11.67	473.43	288.76	-1282.67	217.58	-186.76	425.55
25714	-11.20	18.79	-11.67	426.62	319.49	-1245.78	227.03	-209.09	401.16
25715	-12.52	17.94	-11.67	378.36	349.50	-1204.57	228.85	-227.93	374.83
25716	-13.77	17.00	-11.67	330.50	377.08	-1159.41	223.41	-243.14	346.85
25717	-14.95	15.97	-11.67	284.53	400.81	-1110.72	211.65	-254.38	317.46
25718	-16.06	14.85	-11.67	241.39	419.94	-1058.90	194.78	-261.18	287.13
25719	-17.08	13.67	-11.67	201.52	434.30	-1004.02	173.83	-263.13	256.89
25720	-18.01	12.41	-11.67	165.48	443.47	-945.63	149.29	-260.46	227.94
25721	-18.85	11.08	-11.67	134.02	445.97	-883.71	121.59	-254.02	200.36
25722	-19.60	9.70	-11.67	107.63	441.15	-820.94	91.55	-244.88	173.11
25723	-0.83	22.71	-11.67	606.72	55.75	-1389.32	25.00	21.67	360.03
25724	-2.47	22.59	-11.67	594.18	70.44	-1366.73	68.19	1.75	346.84
25725	-4.11	22.35	-11.67	577.49	89.30	-1345.42	113.55	-24.09	336.88
25726	-5.72	21.99	-11.67	553.87	110.74	-1325.28	153.24	-46.97	329.10
25727	-7.30	21.52	-11.67	521.56	136.87	-1301.97	186.51	-66.73	320.19
25728	-8.85	20.93	-11.67	482.06	166.91	-1274.04	213.03	-84.41	309.55
25729	-10.35	20.23	-11.67	437.34	199.64	-1241.41	232.21	-100.21	297.29
25730	-11.79	19.42	-11.67	389.32	233.49	-1204.22	243.58	-114.10	283.64
25731	-13.17	18.52	-11.67	339.95	266.85	-1162.69	247.10	-125.99	268.80
25732	-14.48	17.51	-11.67	291.07	298.15	-1117.11	243.20	-135.73	252.94
25733	-15.71	16.41	-11.67	244.16	326.21	-1067.80	232.75	-143.09	236.31
25734	-16.86	15.22	-11.67	200.20	350.34	-1014.94	216.79	-147.75	219.36
25735	-17.92	13.96	-11.67	159.87	370.12	-958.50	196.19	-149.58	202.90
25736	-18.89	12.62	-11.67	123.95	384.76	-897.97	171.61	-148.74	187.78
25737	-19.75	11.21	-11.67	93.34	392.26	-833.13	143.69	-145.73	173.59
25738	-20.51	9.75	-11.67	68.32	391.36	-767.29	113.07	-141.46	158.15
25739	-0.87	23.55	-11.67	575.33	8.19	-1456.40	20.26	44.00	141.71
25740	-2.60	23.42	-11.67	559.47	16.97	-1409.15	63.57	45.49	134.57

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]
25741	-4.32	23.17	-11.67	544.18	33.55	-1373.27	108.33	31.33	130.55
25742	-6.01	22.78	-11.67	523.97	54.00	-1350.26	147.98	22.70	131.00
25743	-7.67	22.28	-11.67	493.23	79.26	-1325.58	181.54	18.23	132.07
25744	-9.29	21.65	-11.67	455.32	108.62	-1296.04	208.78	14.37	133.09
25745	-10.86	20.91	-11.67	412.13	140.67	-1261.81	228.91	10.81	134.10
25746	-12.37	20.05	-11.67	365.58	173.98	-1222.79	241.54	7.27	134.99
25747	-13.81	19.09	-11.67	317.59	207.11	-1179.20	246.66	3.66	135.69
25748	-15.18	18.02	-11.67	269.96	238.77	-1131.26	244.70	0.01	136.16
25749	-16.47	16.85	-11.67	224.14	268.00	-1079.18	236.41	-3.51	136.47
25750	-17.66	15.59	-11.67	181.21	294.12	-1023.05	222.61	-6.70	136.89
25751	-18.76	14.25	-11.67	141.88	316.51	-962.75	204.03	-9.40	137.92
25752	-19.76	12.83	-11.67	106.87	334.19	-897.40	181.26	-11.62	140.15
25753	-20.65	11.34	-11.67	76.70	344.77	-826.13	154.85	-13.91	142.50
25754	-21.43	9.79	-11.67	52.40	347.26	-753.19	126.29	-16.77	141.28
25755	-20.70	20.20	-13.00	858.10	546.28	-1453.30	48.17	-4.52	452.96
25756	-2.10	20.10	-13.00	851.17	552.06	-1446.58	82.77	-38.71	449.74
25757	-3.49	19.90	-13.00	835.16	562.00	-1435.13	115.18	-71.68	442.81
25758	-4.86	19.62	-13.00	810.38	576.20	-1419.04	144.09	-102.90	432.20
25759	-6.20	19.23	-13.00	777.66	594.22	-1398.30	168.50	-132.05	418.14
25760	-7.52	18.76	-13.00	738.11	615.29	-1373.03	187.54	-158.73	401.16
25761	-8.80	18.19	-13.00	693.05	638.43	-1343.32	200.48	-182.57	381.78
25762	-10.04	17.54	-13.00	643.88	662.57	-1309.25	206.73	-203.35	360.62
25763	-11.23	16.80	-13.00	592.03	686.52	-1270.85	205.74	-220.99	338.33
25764	-12.37	15.98	-13.00	539.24	708.86	-1228.09	196.83	-235.65	315.40
25765	-13.44	15.08	-13.00	487.67	725.85	-1181.55	180.28	-247.60	291.85
25766	-14.46	14.11	-13.00	438.52	734.91	-1132.62	157.48	-256.80	266.04
25767	-15.40	13.08	-13.00	392.88	734.86	-1083.16	131.26	-261.29	236.73
25768	-16.27	11.98	-13.00	349.82	727.55	-1033.35	103.22	-258.93	206.03
25769	-17.06	10.82	-13.00	310.23	714.96	-979.76	73.07	-251.33	178.72
25770	-17.76	9.62	-13.00	275.37	693.48	-922.98	41.37	-241.81	151.93
25771	-0.74	21.03	-13.00	798.92	355.95	-1470.60	47.27	-2.76	433.86
25772	-2.22	20.93	-13.00	791.63	363.08	-1463.11	90.99	-34.73	431.13
25773	-3.69	20.72	-13.00	773.79	376.22	-1451.35	131.51	-64.91	425.00
25774	-5.14	20.41	-13.00	745.92	395.52	-1434.08	167.67	-93.69	414.78
25775	-6.57	19.99	-13.00	709.04	420.10	-1411.84	198.23	-120.65	401.28
25776	-7.96	19.48	-13.00	664.68	448.97	-1384.80	222.20	-145.29	384.98
25777	-9.32	18.87	-13.00	614.51	480.67	-1353.07	238.68	-167.34	366.29
25778	-10.62	18.17	-13.00	560.35	513.68	-1316.77	246.93	-186.60	345.74
25779	-11.88	17.37	-13.00	504.14	546.27	-1276.06	246.41	-202.99	323.79
25780	-13.07	16.49	-13.00	448.06	576.02	-1231.21	237.03	-216.54	300.71
25781	-14.20	15.53	-13.00	394.20	600.25	-1182.76	219.77	-227.19	276.25
25782	-15.26	14.48	-13.00	343.81	617.15	-1131.43	196.67	-234.23	250.00
25783	-16.24	13.37	-13.00	297.02	626.61	-1077.74	169.89	-236.46	222.50
25784	-17.14	12.19	-13.00	253.74	630.22	-1021.24	140.31	-233.49	196.02
25785	-17.95	10.95	-13.00	215.22	627.79	-960.35	107.62	-226.68	172.48
25786	-18.68	9.66	-13.00	182.49	615.19	-896.87	72.60	-217.67	149.58
25787	-0.78	21.87	-13.00	741.96	188.81	-1479.25	44.76	0.71	357.13
25788	-2.35	21.76	-13.00	734.16	197.58	-1476.14	94.26	-22.64	357.82
25789	-3.90	21.54	-13.00	715.50	214.72	-1462.90	141.24	-46.17	351.92
25790	-5.43	21.20	-13.00	685.96	237.58	-1444.18	182.89	-69.05	343.65
25791	-6.94	20.76	-13.00	646.77	267.01	-1420.60	218.30	-90.17	333.08
25792	-8.41	20.20	-13.00	599.64	301.33	-1391.91	246.33	-109.41	320.19
25793	-9.83	19.55	-13.00	546.61	338.93	-1358.24	265.99	-126.62	305.35
25794	-11.20	18.79	-13.00	489.79	377.95	-1319.79	276.53	-141.64	288.94
25795	-12.52	17.94	-13.00	431.38	416.32	-1276.79	277.62	-154.37	271.26
25796	-13.77	17.00	-13.00	373.67	451.75	-1229.55	269.62	-164.73	252.48
25797	-14.95	15.97	-13.00	318.50	482.23	-1178.48	253.70	-172.45	232.61
25798	-16.06	14.85	-13.00	266.98	506.67	-1123.94	231.60	-177.05	211.92
25799	-17.08	13.67	-13.00	219.54	525.24	-1066.08	204.79	-178.11	191.31
25800	-18.01	12.41	-13.00	176.88	538.37	-1004.57	173.98	-175.74	172.32
25801	-18.85	11.08	-13.00	140.41	544.94	-938.10	139.62	-170.71	156.19
25802	-19.60	9.70	-13.00	110.26	540.01	-868.87	102.70	-164.19	140.11
25803	-0.83	22.71	-13.00	691.97	50.97	-1515.96	31.06	16.69	247.99
25804	-2.47	22.59	-13.00	682.86	79.31	-1498.26	88.14	2.95	232.08
25805	-4.11	22.35	-13.00	665.56	96.77	-1478.72	140.27	-14.32	226.43
25806	-5.72	21.99	-13.00	637.50	121.60	-1458.66	185.34	-27.93	222.65
25807	-7.30	21.52	-13.00	598.40	152.77	-1433.67	223.48	-39.50	217.69
25808	-8.85	20.93	-13.00	551.32	189.12	-1403.10	254.16	-50.15	211.36
25809	-10.35	20.23	-13.00	498.35	228.84	-1367.34	276.25	-59.71	204.04
25810	-11.79	19.42	-13.00	441.66	270.08	-1326.52	289.10	-68.16	195.87
25811	-13.17	18.52	-13.00	383.51	310.83	-1280.92	292.56	-75.45	186.99
25812	-14.48	17.51	-13.00	326.06	349.16	-1230.81	287.11	-81.48	177.46
25813	-15.71	16.41	-13.00	271.07	383.55	-1176.54	273.81	-86.06	167.41
25814	-16.86	15.22	-13.00	219.67	413.22	-1118.35	253.95	-88.93	157.17
25815	-17.92	13.96	-13.00	172.69	437.99	-1056.36	228.69	-89.96	147.43
25816	-18.89	12.62	-13.00	131.14	457.72	-990.33	199.01	-89.20	139.25
25817	-19.75	11.21	-13.00	96.55	471.08	-918.67	165.90	-86.90	133.80
25818	-20.51	9.75	-13.00	68.81	472.26	-844.03	130.20	-84.36	127.93
25819	-0.87	23.55	-13.00	655.37	-2.17	-1669.84	10.51	63.29	108.81
25820	-2.60	23.42	-13.00	629.35	20.88	-1566.32	73.51	48.69	73.72
25821	-4.32	23.17	-13.00	626.89	38.96	-1530.92	128.40	26.71	72.41
25822	-6.01	22.78	-13.00	601.40	61.61	-1511.92	172.34	26.38	75.32
25823	-7.67	22.28	-13.00	565.42	91.10	-1483.91	210.81	25.76	77.62
25824	-9.29	21.65	-13.00	521.41	125.24	-1451.22	242.03	25.59	80.42
25825	-10.86	20.91	-13.00	471.55	162.62	-1412.81	265.16	25.20	83.41
25826	-12.37	20.05	-13.00	417.90	201.55	-1369.06	279.67	24.43	86.55
25827	-13.81	19.09	-13.00	362.62	240.33	-1320.17	285.51	23.20	89.72
25828	-15.18	18.02	-13.00	307.72	277.47	-1266.40	283.13	21.52	92.84
25829	-16.47	16.85	-13.00	254.92	311.84	-1208.04	273.40	19.52	95.91
25830	-17.66	15.59	-13.00	205.45	342.73	-1145.31	257.32	17.38	99.12
25831	-18.76	14.25	-13.00	160.23	369.72	-1078.31	235.84	15.25	102.90
25832	-19.76	12.83	-13.00	120.15	392.51	-1006.79	210.00	13.36	108.17
25833	-20.65	11.34	-13.00	86.31	410.12	-927.32	180.89	11.98	116.84
25834	-21.43	9.79	-13.00	59.42	415.48	-841.11	148.46	10.52	123.51
25835	-0.70	20.20	-14.33	1042.80	652.39	-1426.41	61.64	-1.61	214.31
25836	-2.10	20.10	-14.33	1033.38	660.06	-1419.79	107.27	-15.16	213.19
25837	-3.49	19.90	-14.33	1012.27	673.24	-1408.86	149.63	-28.21	210.74
25838	-4.86	19.62	-14.33	979.91	692.35	-1393.46	186.93	-40.54	206.92
25839	-6.20	19.23	-14.33	937.30	717.14	-1373.69	217.97	-52.04	201.81

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]
25840	-7.52	18.76	-14.33	885.96	746.59	-1349.62	241.77	-62.57	195.62
25841	-8.80	18.19	-14.33	827.72	779.36	-1321.37	257.43	-71.97	188.67
25842	-10.04	17.54	-14.33	764.50	814.12	-1289.05	264.19	-80.16	181.25
25843	-11.23	16.80	-14.33	698.18	849.69	-1252.75	261.37	-87.11	173.78
25844	-12.37	15.98	-14.33	630.90	885.07	-1212.46	247.76	-93.01	166.75
25845	-13.44	15.08	-14.33	565.55	915.28	-1168.55	223.08	-98.19	160.32
25846	-14.46	14.11	-14.33	503.54	935.16	-1121.72	188.48	-102.90	152.98
25847	-15.40	13.08	-14.33	446.17	937.42	-1073.29	148.51	-105.61	142.38
25848	-16.27	11.98	-14.33	391.18	922.05	-1024.08	109.31	-103.77	128.28
25849	-17.06	10.82	-14.33	341.24	905.11	-971.25	70.25	-98.88	117.10
25850	-17.76	9.62	-14.33	301.24	889.67	-914.31	29.76	-94.51	112.08
25851	-0.74	21.03	-14.33	950.29	382.27	-1481.10	62.29	-1.03	204.42
25852	-2.22	20.93	-14.33	940.48	390.28	-1474.62	121.65	-13.92	203.70
25853	-3.69	20.72	-14.33	917.38	405.78	-1462.47	175.37	-25.90	201.70
25854	-5.14	20.41	-14.33	880.96	430.57	-1445.58	222.18	-37.24	197.93
25855	-6.57	19.99	-14.33	832.57	463.89	-1423.70	261.42	-47.93	192.58
25856	-7.96	19.48	-14.33	774.59	503.65	-1397.10	292.03	-57.70	186.13
25857	-9.32	18.87	-14.33	709.46	547.60	-1365.88	312.74	-66.46	178.71
25858	-10.62	18.17	-14.33	639.60	593.65	-1330.20	322.56	-74.14	170.59
25859	-11.88	17.37	-14.33	567.53	639.63	-1290.22	320.78	-80.71	161.97
25860	-13.07	16.49	-14.33	496.02	682.49	-1246.18	307.17	-86.24	152.98
25861	-14.20	15.53	-14.33	427.65	718.56	-1198.41	282.83	-90.74	143.40
25862	-15.26	14.48	-14.33	364.05	744.52	-1147.38	250.24	-93.85	132.78
25863	-16.24	13.37	-14.33	305.43	759.41	-1093.52	212.81	-94.76	121.19
25864	-17.14	12.19	-14.33	251.92	767.17	-1036.59	172.11	-93.17	110.38
25865	-17.95	10.95	-14.33	205.93	770.45	-975.88	127.86	-89.81	102.55
25866	-18.68	9.66	-14.33	170.30	771.14	-911.38	81.62	-85.81	100.82
25867	-0.78	21.87	-14.33	857.46	157.56	-1538.10	62.55	-0.05	166.81
25868	-2.35	21.76	-14.33	850.20	160.99	-1527.41	132.60	-10.04	168.17
25869	-3.90	21.54	-14.33	827.70	175.16	-1515.69	192.49	-18.46	168.25
25870	-5.43	21.20	-14.33	788.67	204.23	-1496.52	244.73	-27.47	164.79
25871	-6.94	20.76	-14.33	736.77	244.43	-1472.45	290.00	-35.55	160.79
25872	-8.41	20.20	-14.33	675.25	292.04	-1442.97	326.06	-43.02	155.63
25873	-9.83	19.55	-14.33	606.64	344.44	-1408.44	351.12	-49.71	149.69
25874	-11.20	18.79	-14.33	533.61	399.10	-1369.02	364.12	-55.54	143.12
25875	-12.52	17.94	-14.33	458.99	453.28	-1324.94	364.60	-60.46	136.08
25876	-13.77	17.00	-14.33	385.62	504.00	-1276.46	352.93	-64.45	128.60
25877	-14.95	15.97	-14.33	315.86	548.50	-1223.92	330.48	-67.40	120.66
25878	-16.06	14.85	-14.33	251.26	585.01	-1167.62	299.41	-69.09	112.34
25879	-17.08	13.67	-14.33	192.69	613.61	-1107.79	261.73	-69.32	104.12
25880	-18.01	12.41	-14.33	141.41	635.28	-1044.56	218.76	-68.23	96.79
25881	-18.85	11.08	-14.33	99.43	651.54	-977.38	171.98	-65.98	91.85
25882	-19.60	9.70	-14.33	68.46	665.72	-905.88	123.27	-63.23	93.77
25883	-0.83	22.71	-14.33	779.32	26.91	-1572.34	64.99	-5.07	93.92
25884	-2.47	22.59	-14.33	779.35	11.75	-1591.05	136.28	1.24	113.80
25885	-4.11	22.35	-14.33	757.90	24.16	-1568.51	190.93	-6.75	108.00
25886	-5.72	21.99	-14.33	717.34	56.24	-1549.56	244.75	-10.13	108.46
25887	-7.30	21.52	-14.33	665.98	98.81	-1522.62	292.82	-14.16	106.42
25888	-8.85	20.93	-14.33	605.49	148.64	-1490.32	331.50	-17.87	104.04
25889	-10.35	20.23	-14.33	538.20	203.35	-1452.38	359.11	-21.22	101.24
25890	-11.79	19.42	-14.33	466.76	260.36	-1409.10	374.67	-24.16	98.11
25891	-13.17	18.52	-14.33	393.96	317.02	-1360.74	377.92	-26.65	94.72
25892	-14.48	17.51	-14.33	322.51	370.77	-1307.58	369.38	-28.67	91.10
25893	-15.71	16.41	-14.33	254.63	419.49	-1249.93	350.30	-30.15	87.28
25894	-16.86	15.22	-14.33	191.96	461.95	-1188.12	322.32	-30.97	83.41
25895	-17.92	13.96	-14.33	135.76	497.79	-1122.42	287.08	-31.11	79.80
25896	-18.89	12.62	-14.33	87.27	527.37	-1053.07	246.24	-30.64	76.94
25897	-19.75	11.21	-14.33	48.59	552.34	-979.41	201.96	-29.35	76.36
25898	-20.51	9.75	-14.33	20.51	575.72	-901.26	155.52	-28.79	82.25
25899	-0.87	23.55	-14.33	703.49	-19.18	-1831.67	64.29	102.50	96.73
25900	-2.60	23.42	-14.33	742.00	-24.24	-1621.02	109.51	8.78	23.27
25901	-4.32	23.17	-14.33	717.19	-12.93	-1630.56	160.99	17.36	38.28
25902	-6.01	22.78	-14.33	682.51	17.27	-1603.22	213.35	18.97	38.79
25903	-7.67	22.28	-14.33	637.85	53.86	-1575.20	259.35	21.16	41.23
25904	-9.29	21.65	-14.33	584.84	96.95	-1539.93	297.00	23.02	43.90
25905	-10.86	20.91	-14.33	525.39	144.21	-1498.89	325.01	24.53	46.85
25906	-12.37	20.05	-14.33	461.82	193.62	-1452.04	342.63	25.60	50.04
25907	-13.81	19.09	-14.33	396.54	243.09	-1399.70	349.72	26.17	53.37
25908	-15.18	18.02	-14.33	331.88	290.74	-1342.17	346.76	26.24	56.76
25909	-16.47	16.85	-14.33	269.87	335.10	-1279.77	334.70	25.83	60.18
25910	-17.66	15.59	-14.33	212.07	375.19	-1212.83	314.74	25.04	63.66
25911	-18.76	14.25	-14.33	159.68	410.59	-1141.69	288.21	23.97	67.35
25912	-19.76	12.83	-14.33	113.76	441.57	-1066.66	256.60	22.64	71.61
25913	-20.65	11.34	-14.33	75.41	470.64	-986.53	222.33	22.09	78.28
25914	-21.43	9.79	-14.33	49.22	505.25	-897.83	191.31	23.08	98.32
25915	20.06	-2.50	-11.67	-21.40	315.50	-401.79	452.33	37.09	77.52
25916	19.98	-3.10	-11.67	-24.57	313.39	-377.06	441.74	14.56	69.88
25917	20.91	-2.50	-11.67	-78.11	316.67	-388.47	477.22	5.45	151.82
25918	20.83	-3.10	-11.67	-82.33	320.24	-366.20	465.81	-16.10	141.01
25919	21.75	-2.50	-11.67	-148.70	303.65	-386.86	513.75	-31.96	256.90
25920	21.68	-3.10	-11.67	-156.34	310.32	-366.79	502.17	-49.59	241.39
25921	22.60	-2.50	-11.67	-247.67	263.46	-415.83	580.08	-104.19	437.21
25922	22.52	-3.10	-11.67	-263.13	265.42	-396.95	567.70	-118.17	413.17
25923	23.44	-2.50	-11.67	-355.40	143.61	-873.86	653.98	-276.36	1057.70
25924	23.37	-3.10	-11.67	-382.61	128.56	-891.02	638.04	-293.72	1007.43
25925	20.06	-2.50	-13.00	-38.92	395.17	-416.72	548.43	14.03	91.38
25926	19.98	-3.10	-13.00	-41.91	397.33	-394.69	535.89	-2.01	85.15
25927	20.91	-2.50	-13.00	-83.51	402.47	-407.84	553.59	-21.17	151.62
25928	20.83	-3.10	-13.00	-86.61	412.31	-386.08	541.23	-37.67	142.63
25929	21.75	-2.50	-13.00	-123.10	397.60	-406.53	543.50	-67.93	245.75
25930	21.68	-3.10	-13.00	-128.30	413.48	-385.73	533.50	-84.50	233.28
25931	22.60	-2.50	-13.00	-135.65	367.89	-498.91	485.71	-125.22	426.51
25932	22.52	-3.10	-13.00	-141.95	383.89	-488.06	479.24	-140.76	408.47
25933	23.44	-2.50	-13.00	-18.20	350.88	-577.52	215.81	-32.31	598.87
25934	23.37	-3.10	-13.00	-15.79	372.52	-574.16	219.10	-30.16	574.04
25935	20.06	-2.50	-14.33	-67.48	501.75	-430.48	683.09	4.46	102.13
25936	19.98	-3.10	-14.33	-74.92	473.11	-409.60	666.57	-2.19	100.32
25937	20.91	-2.50	-14.33	-92.95	521.49	-428.49	665.86	-15.85	123.95
25938	20.83	-3.10	-14.33	-97.18	506.07	-407.38	650.16	-23.08	121.07

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]
25939	21.75	-2.50	-14.33	-75.44	536.55	-434.97	609.09	-43.38	167.20
25940	21.68	-3.10	-14.33	-75.45	530.80	-415.01	596.87	-51.64	163.16
25941	22.60	-2.50	-14.33	-13.07	538.18	-459.29	459.43	-41.74	220.55
25942	22.52	-3.10	-14.33	-8.92	541.79	-441.82	454.67	-46.66	214.34
25943	23.44	-2.50	-14.33	9.25	519.29	-465.95	171.10	12.56	304.89
25944	23.37	-3.10	-14.33	9.28	506.81	-451.91	177.72	18.13	296.28
25945	0.61	-2.50	-11.67	382.96	288.38	-413.37	100.26	17.55	-258.72
25946	0.61	-3.10	-11.67	359.49	253.12	-384.00	98.98	16.25	-256.01
25947	1.84	-2.50	-11.67	376.21	288.65	-415.40	123.99	25.01	-257.06
25948	1.83	-3.10	-11.67	352.77	253.79	-385.97	122.45	22.46	-254.36
25949	3.07	-2.50	-11.67	366.54	288.83	-417.13	148.00	32.62	-253.32
25950	3.06	-3.10	-11.67	343.35	254.58	-387.63	146.18	28.78	-250.66
25951	4.30	-2.50	-11.67	353.92	288.97	-418.56	172.15	40.20	-247.47
25952	4.28	-3.10	-11.67	331.21	255.55	-388.98	170.02	35.04	-244.84
25953	5.52	-2.50	-11.67	338.41	289.15	-419.73	196.31	47.59	-239.43
25954	5.50	-3.10	-11.67	316.38	256.76	-390.06	193.82	41.06	-236.86
25955	6.75	-2.50	-11.67	320.07	289.44	-420.71	220.36	54.64	-229.14
25956	6.72	-3.10	-11.67	298.92	258.29	-390.91	217.47	46.71	-226.65
25957	7.98	-2.50	-11.67	299.04	289.91	-421.57	244.24	61.24	-216.53
25958	7.94	-3.10	-11.67	278.97	260.23	-391.62	240.91	51.85	-214.14
25959	9.21	-2.50	-11.67	275.50	290.62	-422.39	267.87	67.29	-201.51
25960	9.17	-3.10	-11.67	256.67	262.63	-392.24	264.07	56.41	-199.26
25961	10.43	-2.50	-11.67	249.69	291.61	-423.21	291.21	72.70	-183.97
25962	10.39	-3.10	-11.67	232.26	265.51	-392.86	286.91	60.30	-181.93
25963	11.66	-2.50	-11.67	221.87	292.88	-424.01	314.17	77.35	-163.82
25964	11.61	-3.10	-11.67	206.02	268.86	-393.48	309.36	63.39	-162.09
25965	12.89	-2.50	-11.67	192.32	294.44	-424.67	336.61	80.99	-140.91
25966	12.83	-3.10	-11.67	178.21	272.65	-394.04	331.26	65.46	-139.66
25967	14.12	-2.50	-11.67	161.28	296.33	-424.91	358.31	83.17	-115.07
25968	14.05	-3.10	-11.67	149.08	276.92	-394.36	352.39	66.07	-114.51
25969	15.34	-2.50	-11.67	128.87	298.71	-424.33	379.02	83.17	-86.08
25970	15.28	-3.10	-11.67	118.76	281.84	-394.15	372.44	64.52	-86.49
25971	16.57	-2.50	-11.67	95.18	301.77	-422.40	398.50	79.96	-53.70
25972	16.50	-3.10	-11.67	87.25	287.70	-392.97	391.13	59.86	-55.37
25973	17.80	-2.50	-11.67	60.11	305.74	-418.56	416.55	72.27	-17.51
25974	17.72	-3.10	-11.67	54.29	294.83	-390.27	408.22	50.92	-20.77
25975	19.03	-2.50	-11.67	23.31	310.49	-412.22	433.41	59.01	23.29
25976	18.94	-3.10	-11.67	19.26	303.33	-385.45	423.99	36.77	18.09
25977	0.61	-2.50	-13.00	447.03	334.81	-409.58	118.67	13.11	-141.13
25978	0.61	-3.10	-13.00	417.69	292.77	-386.48	117.19	12.33	-139.19
25979	1.84	-2.50	-13.00	437.75	335.33	-411.38	149.85	17.66	-140.06
25980	1.83	-3.10	-13.00	408.44	293.80	-388.26	147.96	16.07	-138.13
25981	3.07	-2.50	-13.00	425.29	335.99	-413.06	181.39	22.35	-137.63
25982	3.06	-3.10	-13.00	396.23	295.23	-389.90	179.06	19.92	-135.72
25983	4.30	-2.50	-13.00	409.53	336.85	-414.61	213.11	27.06	-133.80
25984	4.28	-3.10	-13.00	381.00	297.13	-391.41	210.30	23.77	-131.90
25985	5.52	-2.50	-13.00	390.45	338.00	-416.06	244.84	31.69	-128.51
25986	5.50	-3.10	-13.00	362.69	299.59	-392.80	241.48	27.51	-126.62
25987	6.75	-2.50	-13.00	368.03	339.53	-417.42	276.39	36.16	-121.68
25988	6.72	-3.10	-13.00	341.31	302.73	-394.09	272.45	31.05	-119.82
25989	7.98	-2.50	-13.00	342.32	341.53	-418.73	307.63	40.41	-113.24
25990	7.94	-3.10	-13.00	316.88	306.64	-395.32	303.04	34.31	-111.43
25991	9.21	-2.50	-13.00	313.41	344.07	-420.04	338.40	44.38	-103.11
25992	9.17	-3.10	-13.00	289.49	311.42	-396.52	333.12	37.26	-101.38
25993	10.43	-2.50	-13.00	281.46	347.18	-421.34	368.54	48.03	-91.19
25994	10.39	-3.10	-13.00	259.29	317.08	-397.72	362.56	39.86	-89.58
25995	11.66	-2.50	-13.00	246.68	350.82	-422.64	397.86	51.26	-77.38
25996	11.61	-3.10	-13.00	226.53	323.56	-398.92	391.17	42.00	-75.98
25997	12.89	-2.50	-13.00	209.40	354.95	-423.88	426.06	53.87	-61.57
25998	12.83	-3.10	-13.00	191.51	330.80	-400.11	418.68	43.51	-60.52
25999	14.12	-2.50	-13.00	170.00	359.56	-424.94	452.79	55.49	-43.65
26000	14.05	-3.10	-13.00	154.65	338.74	-401.19	444.69	44.03	-43.13
26001	15.34	-2.50	-13.00	129.00	364.73	-425.62	477.63	55.51	-23.48
26002	15.28	-3.10	-13.00	116.41	347.51	-402.04	468.76	42.97	-23.72
26003	16.57	-2.50	-13.00	87.08	370.65	-425.69	500.21	53.04	-0.93
26004	16.50	-3.10	-13.00	77.39	357.34	-402.46	490.46	39.49	-2.19
26005	17.80	-2.50	-13.00	45.24	377.41	-424.86	520.22	46.83	23.90
26006	17.72	-3.10	-13.00	38.39	368.55	-402.11	509.47	32.33	21.32
26007	19.03	-2.50	-13.00	4.58	385.50	-422.51	536.15	35.28	51.96
26008	18.94	-3.10	-13.00	0.11	381.51	-400.21	524.37	19.89	47.79
26009	0.61	-2.50	-14.33	520.09	400.61	-408.94	138.81	6.89	26.79
26010	0.61	-3.10	-14.33	477.85	307.87	-387.94	136.47	6.64	27.90
26011	1.84	-2.50	-14.33	508.45	401.39	-410.59	179.19	8.46	27.15
26012	1.83	-3.10	-14.33	466.17	309.25	-389.59	176.29	7.93	28.25
26013	3.07	-2.50	-14.33	493.21	402.53	-412.22	220.08	10.09	27.99
26014	3.06	-3.10	-14.33	451.18	311.30	-391.22	216.55	9.26	29.10
26015	4.30	-2.50	-14.33	474.22	404.10	-413.81	261.23	11.74	29.34
26016	4.28	-3.10	-14.33	432.71	314.11	-392.82	257.03	10.60	30.45
26017	5.52	-2.50	-14.33	451.34	406.23	-415.38	302.44	13.38	31.23
26018	5.50	-3.10	-14.33	410.67	317.82	-394.39	297.50	11.91	32.34
26019	6.75	-2.50	-14.33	424.52	409.03	-416.92	343.47	14.96	33.67
26020	6.72	-3.10	-14.33	384.99	322.57	-395.94	337.72	13.16	34.79
26021	7.98	-2.50	-14.33	393.72	412.63	-418.45	384.09	16.49	36.71
26022	7.94	-3.10	-14.33	355.63	328.50	-397.48	377.46	14.32	37.84
26023	9.21	-2.50	-14.33	358.92	417.13	-419.97	424.07	17.94	40.39
26024	9.17	-3.10	-14.33	322.61	335.74	-399.01	416.49	15.39	41.52
26025	10.43	-2.50	-14.33	320.19	422.57	-421.49	463.12	19.30	44.75
26026	10.39	-3.10	-14.33	285.99	344.35	-400.55	454.57	16.35	45.87
26027	11.66	-2.50	-14.33	277.64	428.95	-423.01	500.92	20.54	49.85
26028	11.61	-3.10	-14.33	245.89	354.32	-402.09	491.37	17.18	50.92
26029	12.89	-2.50	-14.33	231.49	436.24	-424.51	537.03	21.60	55.72
26030	12.83	-3.10	-14.33	202.58	365.59	-403.63	526.49	17.81	56.71
26031	14.12	-2.50	-14.33	182.16	444.43	-425.96	570.93	22.33	62.44
26032	14.05	-3.10	-14.33	156.46	378.15	-405.15	559.38	18.09	63.26
26033	15.34	-2.50	-14.33	130.30	453.62	-427.33	602.07	22.47	70.05
26034	15.28	-3.10	-14.33	108.14	392.12	-406.62	589.44	17.80	70.62
26035	16.57	-2.50	-14.33	77.07	463.90	-428.57	629.96	21.65	78.58
26036	16.50	-3.10	-14.33	58.66	407.75	-408.01	616.19	16.58	78.79
26037	17.80	-2.50	-14.33	24.35	475.48	-429.64	654.32	19.42	88.08



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]
26038	17.72	-3.10	-14.33	9.80	425.13	-409.29	639.32	13.92	87.81
26039	19.03	-2.50	-14.33	-24.25	486.46	-430.43	676.53	14.67	94.63
26040	18.94	-3.10	-14.33	-35.05	444.59	-410.00	660.54	8.47	93.73
26041	-0.61	-2.50	-11.67	386.85	287.99	-411.04	76.98	10.41	-258.36
26042	-1.84	-2.50	-11.67	387.98	287.45	-408.49	54.31	3.73	-256.04
26043	-3.07	-2.50	-11.67	386.50	286.73	-405.82	32.40	-2.40	-251.81
26044	-4.30	-2.50	-11.67	382.56	285.84	-403.17	11.39	-7.95	-245.74
26045	-5.52	-2.50	-11.67	376.36	284.78	-400.76	-8.59	-13.01	-237.88
26046	-6.75	-2.50	-11.67	368.09	283.51	-398.83	-27.45	-17.77	-228.30
26047	-7.98	-2.50	-11.67	357.95	282.02	-397.68	-45.13	-22.57	-217.05
26048	-9.21	-2.50	-11.67	346.11	280.24	-397.59	-61.57	-27.92	-204.18
26049	-10.43	-2.50	-11.67	332.73	278.05	-398.82	-76.72	-34.44	-189.72
26050	-11.66	-2.50	-11.67	317.90	275.32	-401.48	-90.50	-42.81	-173.70
26051	-12.89	-2.50	-11.67	301.57	271.90	-405.35	-102.73	-53.68	-156.14
26052	-14.12	-2.50	-11.67	283.43	267.68	-409.79	-113.14	-67.40	-137.00
26053	-15.34	-2.50	-11.67	262.96	262.67	-413.62	-121.31	-83.77	-116.24
26054	-16.57	-2.50	-11.67	239.45	256.99	-415.26	-126.74	-101.71	-93.84
26055	-17.80	-2.50	-11.67	212.35	250.93	-413.08	-128.73	-119.17	-69.79
26056	-19.03	-2.50	-11.67	181.64	244.78	-405.92	-126.65	-133.28	-44.11
26057	-0.61	-3.10	-11.67	363.56	252.53	-381.73	75.92	10.31	-255.64
26058	-1.83	-3.10	-11.67	365.09	251.98	-379.22	53.45	4.79	-253.31
26059	-3.06	-3.10	-11.67	364.20	251.45	-376.58	31.72	-0.22	-249.08
26060	-4.28	-3.10	-11.67	361.04	250.94	-373.95	10.88	-4.72	-243.02
26061	-5.50	-3.10	-11.67	355.78	250.43	-371.52	-8.94	-8.77	-235.18
26062	-6.72	-3.10	-11.67	348.59	249.91	-369.52	-27.66	-12.56	-225.63
26063	-7.94	-3.10	-11.67	339.64	249.34	-368.23	-45.22	-16.43	-214.42
26064	-9.17	-3.10	-11.67	329.10	248.63	-367.94	-61.56	-20.85	-201.62
26065	-10.39	-3.10	-11.67	317.10	247.67	-368.90	-76.68	-26.45	-187.28
26066	-11.61	-3.10	-11.67	303.73	246.25	-371.25	-90.49	-33.90	-171.48
26067	-12.83	-3.10	-11.67	288.96	244.18	-374.85	-102.84	-43.82	-154.26
26068	-14.05	-3.10	-11.67	272.55	241.31	-379.13	-113.45	-56.56	-135.62
26069	-15.28	-3.10	-11.67	253.98	237.62	-383.05	-121.90	-71.95	-115.52
26070	-16.50	-3.10	-11.67	232.57	233.26	-385.15	-127.67	-89.01	-93.93
26071	-17.72	-3.10	-11.67	207.70	228.55	-383.87	-130.05	-105.84	-70.74
26072	-18.94	-3.10	-11.67	179.21	223.90	-378.01	-128.41	-119.83	-45.86
26073	-0.61	-2.50	-13.00	453.24	334.38	-407.65	88.07	8.81	-140.88
26074	-1.84	-2.50	-13.00	456.56	334.03	-405.63	58.22	4.85	-139.36
26075	-3.07	-2.50	-13.00	457.17	333.73	-403.55	29.33	1.28	-136.60
26076	-4.30	-2.50	-13.00	455.26	333.49	-401.49	1.57	-1.89	-132.63
26077	-5.52	-2.50	-13.00	451.04	333.32	-399.53	-24.91	-4.75	-127.49
26078	-6.75	-2.50	-13.00	444.63	333.19	-397.78	-49.97	-7.45	-121.19
26079	-7.98	-2.50	-13.00	436.10	333.05	-396.37	-73.48	-10.30	-113.76
26080	-9.21	-2.50	-13.00	425.44	332.78	-395.44	-95.32	-13.66	-105.21
26081	-10.43	-2.50	-13.00	412.49	332.19	-395.09	-115.38	-18.05	-95.53
26082	-11.66	-2.50	-13.00	396.98	330.97	-395.37	-133.44	-23.97	-84.75
26083	-12.89	-2.50	-13.00	378.47	328.78	-396.18	-149.23	-31.87	-72.84
26084	-14.12	-2.50	-13.00	356.41	325.29	-397.21	-162.31	-41.91	-59.81
26085	-15.34	-2.50	-13.00	330.16	320.29	-397.98	-172.18	-53.84	-45.65
26086	-16.57	-2.50	-13.00	299.21	313.75	-397.86	-178.28	-66.83	-30.48
26087	-17.80	-2.50	-13.00	263.56	305.77	-396.23	-180.10	-79.32	-14.85
26088	-19.03	-2.50	-13.00	223.74	297.21	-392.70	-175.97	-89.30	1.18
26089	-0.61	-3.10	-13.00	424.13	292.08	-384.58	86.96	8.80	-138.93
26090	-1.83	-3.10	-13.00	427.92	291.72	-382.57	57.46	5.58	-137.40
26091	-3.06	-3.10	-13.00	429.22	291.65	-380.51	28.89	2.72	-134.63
26092	-4.28	-3.10	-13.00	428.21	291.87	-378.45	1.42	0.23	-130.65
26093	-5.50	-3.10	-13.00	425.08	292.39	-376.48	-24.79	-1.97	-125.49
26094	-6.72	-3.10	-13.00	419.94	293.18	-374.69	-49.59	-4.04	-119.19
26095	-7.94	-3.10	-13.00	412.85	294.20	-373.21	-72.88	-6.25	-111.77
26096	-9.17	-3.10	-13.00	403.76	295.31	-372.17	-94.56	-8.98	-103.23
26097	-10.39	-3.10	-13.00	392.55	296.30	-371.70	-114.54	-12.72	-93.62
26098	-11.61	-3.10	-13.00	378.94	296.83	-371.83	-132.67	-17.97	-82.96
26099	-12.83	-3.10	-13.00	362.55	296.46	-372.51	-148.66	-25.17	-71.29
26100	-14.05	-3.10	-13.00	342.87	294.82	-373.48	-162.10	-34.50	-58.64
26101	-15.28	-3.10	-13.00	319.28	291.66	-374.31	-172.44	-45.74	-45.00
26102	-16.50	-3.10	-13.00	291.26	286.96	-374.41	-179.09	-58.10	-30.47
26103	-17.72	-3.10	-13.00	258.69	280.96	-373.19	-181.52	-70.11	-15.54
26104	-18.94	-3.10	-13.00	221.79	274.32	-370.06	-178.02	-79.85	-0.13
26105	-0.61	-2.50	-14.33	528.36	400.11	-407.25	99.16	5.43	26.89
26106	-1.84	-2.50	-14.33	533.52	399.87	-405.55	60.49	4.11	27.43
26107	-3.07	-2.50	-14.33	535.85	399.90	-403.83	23.02	2.95	28.40
26108	-4.30	-2.50	-14.33	535.66	400.25	-402.11	-13.05	1.96	29.81
26109	-5.52	-2.50	-14.33	533.21	400.93	-400.40	-47.52	1.10	31.64
26110	-6.75	-2.50	-14.33	528.68	401.93	-398.73	-80.21	0.30	33.88
26111	-7.98	-2.50	-14.33	522.10	403.19	-397.14	-110.94	-0.55	36.54
26112	-9.21	-2.50	-14.33	513.32	404.58	-395.64	-139.52	-1.63	39.60
26113	-10.43	-2.50	-14.33	501.92	405.82	-394.27	-165.73	-3.14	43.09
26114	-11.66	-2.50	-14.33	487.21	406.50	-393.04	-189.27	-5.31	47.01
26115	-12.89	-2.50	-14.33	468.19	406.12	-391.93	-209.72	-8.34	51.36
26116	-14.12	-2.50	-14.33	443.71	404.10	-390.87	-226.53	-12.32	56.16
26117	-15.34	-2.50	-14.33	412.57	400.00	-389.75	-239.06	-17.14	61.41
26118	-16.57	-2.50	-14.33	373.90	393.44	-388.47	-246.73	-22.48	67.03
26119	-17.80	-2.50	-14.33	327.51	384.40	-386.92	-249.25	-27.84	72.87
26120	-19.03	-2.50	-14.33	274.77	371.26	-385.07	-248.44	-32.14	74.53
26121	-0.61	-3.10	-14.33	486.43	307.04	-386.26	97.34	5.44	28.00
26122	-1.83	-3.10	-14.33	492.16	306.75	-384.56	59.16	4.39	28.54
26123	-3.06	-3.10	-14.33	495.31	307.01	-382.85	22.15	3.48	29.51
26124	-4.28	-3.10	-14.33	496.17	307.87	-381.14	-13.49	2.73	30.93
26125	-5.50	-3.10	-14.33	494.99	309.32	-379.45	-47.55	2.10	32.77
26126	-6.72	-3.10	-14.33	491.93	311.36	-377.79	-79.86	1.53	35.02
26127	-7.94	-3.10	-14.33	487.04	313.94	-376.20	-110.26	0.91	37.69
26128	-9.17	-3.10	-14.33	480.14	316.92	-374.71	-138.57	0.07	40.76
26129	-10.39	-3.10	-14.33	470.85	320.00	-373.34	-164.64	-1.20	44.25
26130	-11.61	-3.10	-14.33	458.51	322.74	-372.12	-188.19	-3.11	48.13
26131	-12.83	-3.10	-14.33	442.20	324.56	-371.01	-208.85	-5.86	52.41
26132	-14.05	-3.10	-14.33	420.81	324.85	-369.98	-226.07	-9.55	57.07
26133	-15.28	-3.10	-14.33	393.19	323.11	-368.92	-239.19	-14.08	62.12
26134	-16.50	-3.10	-14.33	358.44	319.04	-367.72	-247.61	-19.15	67.49
26135	-17.72	-3.10	-14.33	316.35	312.44	-366.33	-250.96	-24.25	73.05
26136	-18.94	-3.10	-14.33	268.10	303.79	-364.36	-251.10	-28.12	74.43

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]
26137	-23.44	-2.50	-11.67	6.04	209.34	-337.07	-31.39	-41.97	134.18
26138	-23.37	-3.10	-11.67	7.46	199.31	-318.40	-35.01	-43.24	132.87
26139	-22.60	-2.50	-11.67	25.47	217.94	-328.37	-57.71	-85.49	98.30
26140	-22.52	-3.10	-11.67	27.21	205.96	-308.40	-61.30	-82.42	96.32
26141	-21.75	-2.50	-11.67	59.44	224.74	-345.03	-82.39	-117.53	60.83
26142	-21.68	-3.10	-11.67	61.23	210.37	-323.00	-85.76	-110.29	58.39
26143	-20.91	-2.50	-11.67	100.18	231.20	-368.96	-103.61	-136.82	23.22
26144	-20.83	-3.10	-11.67	101.32	214.50	-344.90	-106.52	-126.31	20.65
26145	-20.06	-2.50	-11.67	143.57	238.14	-391.09	-118.88	-141.10	-13.18
26146	-19.98	-3.10	-11.67	143.21	219.18	-364.95	-121.21	-128.46	-15.53
26147	-23.44	-2.50	-13.00	6.94	247.31	-367.96	-39.25	-25.14	130.86
26148	-23.37	-3.10	-13.00	9.14	241.44	-350.92	-43.45	-27.92	129.70
26149	-22.60	-2.50	-13.00	32.19	259.80	-352.99	-72.08	-50.55	100.21
26150	-22.52	-3.10	-13.00	34.86	248.37	-333.29	-76.37	-48.98	98.61
26151	-21.75	-2.50	-13.00	72.64	267.55	-361.99	-109.81	-75.08	69.88
26152	-21.68	-3.10	-13.00	75.91	253.64	-341.23	-113.81	-70.12	67.98
26153	-20.91	-2.50	-13.00	121.55	277.20	-374.60	-140.49	-90.53	44.22
26154	-20.83	-3.10	-13.00	124.09	259.64	-352.98	-143.95	-83.12	42.23
26155	-20.06	-2.50	-13.00	175.52	287.61	-385.62	-163.59	-94.38	20.52
26156	-19.98	-3.10	-13.00	176.17	266.91	-363.38	-166.37	-85.42	18.72
26157	-23.44	-2.50	-14.33	10.23	325.97	-374.82	-17.24	-5.00	147.40
26158	-23.37	-3.10	-14.33	7.71	272.09	-357.60	-22.83	-8.62	146.99
26159	-22.60	-2.50	-14.33	33.56	318.28	-369.89	-99.77	-12.66	98.25
26160	-22.52	-3.10	-14.33	34.57	276.15	-348.95	-105.67	-12.32	97.57
26161	-21.75	-2.50	-14.33	75.69	328.94	-373.97	-152.14	-26.08	89.39
26162	-21.68	-3.10	-14.33	78.05	280.28	-353.01	-157.23	-24.05	88.75
26163	-20.91	-2.50	-14.33	137.54	341.57	-378.65	-194.39	-33.02	78.69
26164	-20.83	-3.10	-14.33	138.33	288.62	-357.35	-198.92	-30.02	77.97
26165	-20.06	-2.50	-14.33	209.25	355.98	-382.55	-230.33	-34.59	73.32
26166	-19.98	-3.10	-14.33	206.72	296.32	-361.37	-234.03	-30.71	72.84
26167	18.86	-7.26	-11.67	1.51	237.06	-204.07	318.39	-99.84	6.44
26168	19.75	-7.26	-11.67	-35.88	285.78	-218.08	318.24	-125.68	34.73
26169	20.64	-7.26	-11.67	-101.96	348.71	-250.26	320.88	-147.03	69.20
26170	21.53	-7.26	-11.67	-256.60	418.46	-317.89	378.75	-220.05	155.39
26171	22.42	-7.26	-11.67	-497.50	282.44	-1132.51	537.30	-481.70	658.97
26172	19.24	-6.18	-11.67	-11.07	268.56	-249.23	354.54	-78.34	23.72
26173	20.12	-6.18	-11.67	-60.07	310.87	-256.55	362.37	-106.27	65.44
26174	20.99	-6.18	-11.67	-142.43	353.95	-280.46	387.55	-132.27	127.10
26175	21.87	-6.18	-11.67	-294.00	351.07	-338.26	481.56	-201.98	270.67
26176	22.75	-6.17	-11.67	-487.99	130.94	-1023.93	625.81	-406.75	840.40
26177	19.56	-5.08	-11.67	-20.90	292.90	-295.65	390.13	-50.09	41.67
26178	20.42	-5.08	-11.67	-77.00	322.98	-295.89	406.72	-79.17	96.54
26179	21.29	-5.08	-11.67	-159.45	338.84	-309.67	443.49	-105.63	178.53
26180	22.15	-5.07	-11.67	-289.13	293.83	-348.82	531.02	-163.80	338.98
26181	23.02	-5.07	-11.67	-446.62	79.24	-923.08	630.70	-337.63	904.74
26182	19.82	-3.96	-11.67	-25.20	307.59	-341.89	421.92	-15.40	57.98
26183	20.67	-3.96	-11.67	-83.31	323.81	-335.48	443.89	-45.19	123.16
26184	21.53	-3.96	-11.67	-161.00	321.44	-340.61	481.20	-74.11	216.66
26185	22.38	-3.96	-11.67	-276.01	269.92	-371.38	552.20	-134.83	380.85
26186	23.24	-3.96	-11.67	-410.62	99.98	-893.37	625.68	-307.49	949.89
26187	18.86	-7.26	-13.00	-16.54	299.08	-213.42	388.54	-73.96	38.26
26188	19.75	-7.26	-13.00	-45.86	364.07	-216.03	378.74	-103.58	55.62
26189	20.64	-7.26	-13.00	-91.62	433.95	-222.91	367.06	-145.37	83.46
26190	21.53	-7.26	-13.00	-135.72	476.55	-377.54	351.98	-220.71	177.94
26191	22.42	-7.26	-13.00	18.12	508.23	-522.18	215.46	-66.28	284.37
26192	19.24	-6.18	-13.00	-29.25	341.04	-260.41	432.24	-62.11	53.17
26193	20.12	-6.18	-13.00	-67.28	397.37	-259.04	428.83	-96.33	83.17
26194	20.99	-6.18	-13.00	-118.78	449.09	-266.34	426.61	-145.15	136.83
26195	21.87	-6.18	-13.00	-152.03	457.57	-416.91	411.54	-214.94	275.20
26196	22.75	-6.17	-13.00	3.50	464.84	-544.08	229.76	-52.83	408.65
26197	19.56	-5.08	-13.00	-39.39	369.91	-310.98	474.85	-45.21	67.83
26198	20.42	-5.08	-13.00	-82.09	412.68	-306.17	477.02	-81.41	110.17
26199	21.29	-5.08	-13.00	-131.17	442.53	-310.92	476.94	-130.23	183.29
26200	22.15	-5.07	-13.00	-153.22	425.12	-442.40	448.53	-189.34	342.13
26201	23.02	-5.07	-13.00	-6.57	421.54	-550.76	229.41	-38.26	488.70
26202	19.82	-3.96	-13.00	-43.18	389.58	-360.37	512.50	-22.60	79.17
26203	20.67	-3.96	-13.00	-87.53	416.59	-352.97	517.35	-58.77	131.07
26204	21.53	-3.96	-13.00	-132.30	428.43	-354.49	513.45	-106.07	215.68
26205	22.38	-3.96	-13.00	-148.20	400.23	-468.64	468.63	-161.42	383.50
26206	23.24	-3.96	-13.00	-12.34	394.47	-563.72	223.60	-30.92	541.34
26207	18.86	-7.26	-14.33	-43.32	381.55	-223.09	478.81	-27.87	72.35
26208	19.75	-7.26	-14.33	-54.49	475.14	-222.58	452.79	-46.66	74.38
26209	20.64	-7.26	-14.33	-31.67	572.42	-233.68	418.65	-77.80	89.18
26210	21.53	-7.26	-14.33	43.02	652.14	-271.06	349.53	-75.58	108.19
26211	22.42	-7.26	-14.33	58.87	669.18	-288.00	217.99	12.85	163.72
26212	19.24	-6.18	-14.33	-58.90	424.13	-271.65	534.00	-24.50	74.01
26213	20.12	-6.18	-14.33	-72.92	508.26	-270.37	514.27	-46.21	83.11
26214	20.99	-6.18	-14.33	-46.08	590.96	-281.98	479.04	-79.76	109.50
26215	21.87	-6.18	-14.33	33.17	653.10	-320.43	390.79	-73.16	143.75
26216	22.75	-6.17	-14.33	47.36	644.31	-334.63	218.08	18.69	203.57
26217	19.56	-5.08	-14.33	-70.62	449.42	-322.22	588.33	-18.96	80.44
26218	20.42	-5.08	-14.33	-86.70	517.87	-320.40	572.38	-41.46	95.47
26219	21.29	-5.08	-14.33	-58.38	580.32	-330.70	532.26	-73.75	130.28
26220	22.15	-5.07	-14.33	18.98	619.63	-365.88	423.04	-64.81	174.19
26221	23.02	-5.07	-14.33	34.21	597.08	-377.59	209.15	21.81	239.94
26222	19.82	-3.96	-14.33	-77.05	456.25	-373.80	636.46	-10.57	91.42
26223	20.67	-3.96	-14.33	-96.03	505.53	-371.62	621.05	-32.33	110.39
26224	21.53	-3.96	-14.33	-70.16	546.05	-380.43	573.65	-62.44	150.13
26225	22.38	-3.96	-14.33	1.58	567.38	-411.03	444.10	-54.50	198.97
26226	23.24	-3.96	-14.33	18.43	534.75	-421.95	192.57	21.49	273.68
26227	0.61	-3.95	-11.67	326.78	204.26	-341.70	96.69	14.45	-249.56
26228	0.60	-5.05	-11.67	285.06	140.69	-285.38	92.98	12.17	-238.26
26229	0.59	-6.15	-11.67	244.51	78.43	-228.23	88.50	10.02	-225.68
26230	0.58	-7.25	-11.67	205.53	21.23	-173.11	83.35	8.02	-211.11
26231	1.82	-3.95	-11.67	320.13	205.40	-343.54	119.61	18.91	-247.95
26232	1.79	-5.05	-11.67	278.53	142.35	-287.03	114.92	14.41	-236.72
26233	1.76	-6.15	-11.67	238.24	80.55	-229.73	109.19	10.13	-224.22
26234	1.73	-7.25	-11.67	199.64	23.73	-174.51	102.58	6.15	-209.78
26235	3.03	-3.95	-11.67	311.09	206.94	-345.06	142.74	23.43	-244.30

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]
26236	2.99	-5.06	-11.67	270.05	144.72	-288.33	137.01	16.64	-233.18
26237	2.94	-6.16	-11.67	230.43	83.62	-230.86	129.97	10.19	-220.84
26238	2.88	-7.25	-11.67	192.58	27.36	-175.54	121.85	4.20	-206.62
26239	4.24	-3.95	-11.67	299.65	208.93	-346.25	165.93	27.83	-238.57
26240	4.18	-5.06	-11.67	259.59	147.85	-289.29	159.08	18.70	-227.60
26241	4.11	-6.16	-11.67	221.06	87.69	-231.62	150.67	10.04	-215.50
26242	4.03	-7.25	-11.67	184.37	32.16	-176.18	141.00	2.03	-201.60
26243	5.45	-3.95	-11.67	285.84	211.44	-347.13	189.02	31.95	-230.70
26244	5.38	-5.06	-11.67	247.18	151.82	-289.90	180.98	20.42	-219.94
26245	5.29	-6.16	-11.67	210.15	92.85	-232.00	171.13	9.52	-208.14
26246	5.18	-7.25	-11.67	175.02	38.20	-176.43	159.86	-0.54	-194.68
26247	6.67	-3.95	-11.67	269.70	214.57	-347.75	211.90	35.64	-220.64
26248	6.58	-5.06	-11.67	232.84	156.73	-290.20	202.58	21.66	-210.14
26249	6.46	-6.16	-11.67	197.72	99.18	-232.01	191.22	8.47	-198.73
26250	6.33	-7.26	-11.67	164.55	45.55	-176.27	178.30	-3.63	-185.81
26251	7.88	-3.96	-11.67	251.34	218.39	-348.18	234.50	38.78	-208.32
26252	7.77	-5.06	-11.67	216.65	162.67	-290.23	223.81	22.28	-198.14
26253	7.64	-6.16	-11.67	183.83	106.79	-231.68	210.84	6.78	-187.18
26254	7.48	-7.26	-11.67	152.99	54.32	-175.72	196.20	-7.38	-174.92
26255	9.09	-3.96	-11.67	230.90	222.97	-348.48	256.77	41.28	-193.69
26256	8.97	-5.07	-11.67	198.70	169.72	-290.07	244.62	22.23	-183.89
26257	8.81	-6.17	-11.67	168.50	115.78	-231.07	229.94	4.37	-173.45
26258	8.63	-7.26	-11.67	140.35	64.63	-174.80	213.88	-11.86	-161.96
26259	10.30	-3.96	-11.67	208.56	228.33	-348.75	278.68	43.09	-176.70
26260	10.16	-5.07	-11.67	179.16	177.91	-289.83	265.01	21.47	-167.38
26261	9.99	-6.17	-11.67	151.85	126.21	-230.31	248.55	1.27	-157.53
26262	9.78	-7.26	-11.67	126.65	76.55	-173.63	230.18	-17.02	-146.91
26263	11.51	-3.96	-11.67	184.62	234.41	-349.06	300.19	44.10	-157.36
26264	11.36	-5.07	-11.67	158.27	187.17	-289.67	285.01	19.97	-148.68
26265	11.16	-6.17	-11.67	134.08	138.02	-229.62	266.75	-2.45	-139.56
26266	10.93	-7.26	-11.67	112.02	90.08	-172.45	246.40	-22.70	-129.90
26267	12.73	-3.96	-11.67	159.37	241.15	-349.46	321.15	44.11	-135.67
26268	12.55	-5.07	-11.67	136.38	197.34	-289.81	304.50	17.59	-127.99
26269	12.34	-6.17	-11.67	115.56	151.00	-229.39	284.52	-6.82	-119.89
26270	12.08	-7.26	-11.67	96.81	105.02	-171.79	262.24	-28.70	-111.40
26271	13.94	-3.96	-11.67	133.09	248.54	-349.91	341.30	42.72	-111.63
26272	13.75	-5.07	-11.67	113.88	208.31	-290.41	323.16	13.97	-105.50
26273	13.51	-6.17	-11.67	96.80	164.89	-230.09	301.55	-12.08	-99.00
26274	13.23	-7.26	-11.67	81.63	121.03	-172.41	277.50	-35.11	-92.17
26275	15.15	-3.96	-11.67	105.92	256.74	-350.26	360.23	39.26	-85.20
26276	14.94	-5.08	-11.67	90.95	220.22	-291.58	340.44	8.50	-81.36
26277	14.69	-6.18	-11.67	78.16	179.73	-232.08	317.13	-18.85	-77.30
26278	14.38	-7.26	-11.67	67.06	137.99	-175.08	291.41	-42.54	-72.93
26279	16.36	-3.96	-11.67	77.78	266.16	-350.24	377.55	32.84	-56.24
26280	16.14	-5.08	-11.67	67.48	233.56	-293.19	355.76	0.33	-55.59
26281	15.86	-6.18	-11.67	59.53	196.05	-235.43	330.44	-28.00	-54.99
26282	15.53	-7.26	-11.67	53.14	156.44	-180.05	302.89	-51.94	-54.04
26283	17.57	-3.96	-11.67	48.27	277.33	-349.34	392.96	22.44	-24.43
26284	17.33	-5.08	-11.67	42.91	249.14	-294.83	368.65	-11.43	-27.97
26285	17.04	-6.18	-11.67	40.28	214.87	-239.73	340.83	-40.32	-31.88
26286	16.68	-7.26	-11.67	39.16	177.47	-186.80	311.13	-64.11	-35.34
26287	18.78	-3.96	-11.67	16.42	290.59	-346.93	406.67	7.30	10.90
26288	18.53	-5.08	-11.67	16.04	267.64	-295.81	379.23	-27.34	2.00
26289	18.21	-6.18	-11.67	19.16	237.12	-244.19	348.31	-56.17	-7.66
26290	17.83	-7.26	-11.67	23.91	201.90	-194.38	316.10	-79.15	-16.62
26291	0.61	-3.95	-13.00	376.11	226.21	-349.77	114.46	11.22	-130.93
26292	0.60	-5.05	-13.00	323.96	140.98	-296.16	110.18	9.77	-121.66
26293	0.59	-6.15	-13.00	274.06	60.74	-240.28	105.08	8.46	-114.10
26294	0.58	-7.25	-13.00	225.10	-18.36	-188.97	99.12	7.26	-108.34
26295	1.82	-3.95	-13.00	366.89	227.84	-351.46	144.41	13.83	-129.87
26296	1.79	-5.05	-13.00	314.86	143.28	-297.71	138.74	10.94	-120.61
26297	1.76	-6.15	-13.00	265.24	63.66	-241.72	131.91	8.22	-113.09
26298	1.73	-7.25	-13.00	216.71	-14.88	-190.36	123.95	5.69	-107.35
26299	3.03	-3.95	-13.00	355.09	230.22	-353.00	174.63	16.52	-127.46
26300	2.99	-5.06	-13.00	303.67	146.74	-299.08	167.49	12.13	-118.22
26301	2.94	-6.16	-13.00	254.81	68.09	-242.96	158.85	7.97	-110.74
26302	2.88	-7.25	-13.00	207.18	-9.62	-191.52	148.81	4.10	-105.04
26303	4.24	-3.95	-13.00	340.65	233.43	-354.39	204.93	19.16	-123.65
26304	4.18	-5.06	-13.00	290.33	151.45	-300.29	196.21	13.23	-114.44
26305	4.11	-6.16	-13.00	242.74	74.12	-244.01	185.67	7.59	-107.01
26306	4.03	-7.25	-13.00	196.48	-2.52	-192.44	173.50	2.35	-101.38
26307	5.45	-3.95	-13.00	323.51	237.58	-355.65	235.09	21.64	-118.39
26308	5.38	-5.06	-13.00	274.82	157.54	-301.33	224.70	14.12	-109.21
26309	5.29	-6.16	-13.00	229.01	81.88	-244.85	212.15	6.97	-101.85
26310	5.18	-7.25	-13.00	184.63	6.57	-193.11	197.76	0.32	-96.31
26311	6.67	-3.95	-13.00	303.67	242.80	-356.79	264.94	23.88	-111.62
26312	6.58	-5.06	-13.00	257.11	165.15	-302.22	252.75	14.70	-102.48
26313	6.46	-6.16	-13.00	213.60	91.53	-245.49	238.08	5.98	-95.20
26314	6.33	-7.26	-13.00	171.61	17.80	-193.52	221.37	-2.09	-89.77
26315	7.88	-3.96	-13.00	281.16	249.23	-357.84	294.34	25.79	-103.27
26316	7.77	-5.06	-13.00	237.23	174.47	-302.96	280.20	14.89	-94.17
26317	7.64	-6.16	-13.00	196.54	103.31	-245.92	263.26	4.55	-86.96
26318	7.48	-7.26	-13.00	157.46	31.42	-193.63	244.11	-5.00	-81.67
26319	9.09	-3.96	-13.00	256.04	256.96	-358.83	323.15	27.33	-93.27
26320	8.97	-5.07	-13.00	215.20	185.66	-303.60	306.95	14.65	-84.22
26321	8.81	-6.17	-13.00	177.80	117.43	-246.15	287.58	2.62	-77.05
26322	8.63	-7.26	-13.00	142.15	47.70	-193.43	265.83	-8.47	-71.86
26323	10.30	-3.96	-13.00	228.45	266.03	-359.80	351.28	28.48	-81.58
26324	10.16	-5.07	-13.00	191.10	198.77	-304.18	332.95	13.99	-72.60
26325	9.99	-6.17	-13.00	157.39	134.05	-246.23	311.05	0.25	-65.42
26326	9.78	-7.26	-13.00	125.59	66.93	-192.88	286.51	-12.46	-60.21
26327	11.51	-3.96	-13.00	198.62	276.36	-360.81	378.61	29.18	-68.21
26328	11.36	-5.07	-13.00	165.17	213.69	-304.80	358.21	12.94	-59.38
26329	11.16	-6.17	-13.00	135.45	153.07	-246.29	333.80	-2.41	-52.18
26330	10.93	-7.26	-13.00	107.73	89.19	-192.10	306.40	-16.67	-46.78
26331	12.73	-3.96	-13.00	166.92	287.76	-361.87	404.88	29.27	-53.18
26332	12.55	-5.07	-13.00	137.81	230.06	-305.59	382.57	11.41	-44.80
26333	12.34	-6.17	-13.00	112.39	173.97	-246.59	355.95	-5.26	-37.77
26334	12.08	-7.26	-13.00	88.87	113.93	-191.45	325.97	-20.67	-32.12

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]
26335	13.94	-3.96	-13.00	133.78	300.12	-362.99	429.68	28.43	-36.54
26336	13.75	-5.07	-13.00	109.56	247.49	-306.68	405.58	9.13	-29.12
26337	13.51	-6.17	-13.00	88.94	195.90	-247.48	377.14	-8.44	-22.86
26338	13.23	-7.26	-13.00	69.92	139.76	-191.66	345.29	-24.32	-17.44
26339	15.15	-3.96	-13.00	99.66	313.50	-364.10	452.43	26.09	-18.32
26340	14.94	-5.08	-13.00	80.92	265.90	-308.14	426.48	5.56	-12.59
26341	14.69	-6.18	-13.00	65.81	218.32	-249.28	396.35	-12.54	-8.09
26342	14.38	-7.26	-13.00	52.01	165.37	-193.55	363.20	-28.19	-4.10
26343	16.36	-3.96	-13.00	65.02	328.26	-365.07	472.61	21.45	1.51
26344	16.14	-5.08	-13.00	52.20	285.76	-309.93	444.47	-0.10	4.67
26345	15.86	-6.18	-13.00	43.24	241.73	-252.07	412.29	-18.50	6.25
26346	15.53	-7.26	-13.00	35.57	190.97	-197.48	377.65	-33.65	7.23
26347	17.57	-3.96	-13.00	30.41	344.97	-365.60	489.84	13.30	22.78
26348	17.33	-5.08	-13.00	23.66	307.99	-311.82	458.97	-8.99	22.45
26349	17.04	-6.18	-13.00	21.16	267.53	-255.63	424.06	-27.42	20.02
26350	16.68	-7.26	-13.00	20.07	218.59	-202.99	387.11	-42.12	16.81
26351	18.78	-3.96	-13.00	-3.93	364.46	-364.73	502.86	0.05	46.19
26352	18.53	-5.08	-13.00	-4.92	334.20	-312.83	468.81	-22.57	41.33
26353	18.21	-6.18	-13.00	-1.06	297.98	-258.99	430.51	-40.56	33.92
26354	17.83	-7.26	-13.00	4.37	251.51	-208.73	390.56	-54.37	25.89
26355	0.61	-3.95	-14.33	425.65	217.27	-351.90	133.32	5.91	23.27
26356	0.60	-5.05	-14.33	363.71	127.08	-300.43	128.67	5.21	20.77
26357	0.59	-6.15	-14.33	303.40	37.33	-248.55	122.89	4.79	24.13
26358	0.58	-7.25	-14.33	245.07	-50.20	-198.21	116.29	4.65	32.56
26359	1.82	-3.95	-14.33	413.94	219.40	-353.50	172.04	6.79	23.62
26360	1.79	-5.05	-14.33	352.06	130.13	-301.92	165.55	5.56	21.13
26361	1.76	-6.15	-14.33	292.01	41.20	-249.99	157.50	4.63	24.54
26362	1.73	-7.25	-14.33	234.14	-45.62	-199.65	148.23	4.00	33.01
26363	3.03	-3.95	-14.33	399.33	222.61	-355.07	211.12	7.71	24.46
26364	2.99	-5.06	-14.33	338.08	134.80	-303.37	202.70	5.95	21.99
26365	2.94	-6.16	-14.33	278.86	47.17	-251.37	192.27	4.49	25.45
26366	2.88	-7.25	-14.33	221.99	-38.51	-201.01	180.24	3.34	34.00
26367	4.24	-3.95	-14.33	381.69	227.01	-356.60	250.34	8.62	25.82
26368	4.18	-5.06	-14.33	321.65	141.20	-304.78	239.85	6.30	23.36
26369	4.11	-6.16	-14.33	263.84	55.35	-252.70	226.91	4.30	26.89
26370	4.03	-7.25	-14.33	208.56	-28.76	-202.30	212.02	2.63	35.55
26371	5.45	-3.95	-14.33	360.92	232.74	-358.11	289.44	9.48	27.72
26372	5.38	-5.06	-14.33	302.70	149.49	-306.15	276.73	6.58	25.28
26373	5.29	-6.16	-14.33	246.92	65.94	-253.98	261.13	4.02	28.89
26374	5.18	-7.25	-14.33	193.84	-16.16	-203.52	243.25	1.81	37.68
26375	6.67	-3.95	-14.33	336.96	239.99	-359.60	328.17	10.26	30.19
26376	6.58	-5.06	-14.33	281.19	159.91	-307.48	313.07	6.75	27.77
26377	6.46	-6.16	-14.33	228.08	79.19	-255.20	294.65	3.61	31.47
26378	6.33	-7.26	-14.33	177.83	-0.41	-204.64	273.64	0.83	40.45
26379	7.88	-3.96	-14.33	309.80	248.95	-361.06	366.31	10.93	33.26
26380	7.77	-5.06	-14.33	257.09	172.71	-308.77	348.64	6.78	30.86
26381	7.64	-6.16	-14.33	207.31	95.44	-256.36	327.20	3.01	34.69
26382	7.48	-7.26	-14.33	160.59	18.85	-205.66	302.85	-0.37	43.89
26383	9.09	-3.96	-14.33	279.43	259.77	-362.52	403.64	11.47	36.96
26384	8.97	-5.07	-14.33	230.42	188.14	-310.03	383.23	6.64	34.60
26385	8.81	-6.17	-14.33	184.63	115.04	-257.46	358.54	2.21	38.59
26386	8.63	-7.26	-14.33	142.13	42.13	-206.55	330.61	-1.82	48.12
26387	10.30	-3.96	-14.33	245.93	272.54	-363.98	439.94	11.89	41.32
26388	10.16	-5.07	-14.33	201.23	206.32	-311.28	416.70	6.36	39.00
26389	9.99	-6.17	-14.33	160.01	138.29	-258.49	388.60	1.23	43.23
26390	9.78	-7.26	-14.33	122.39	70.00	-207.28	356.79	-3.52	53.26
26391	11.51	-3.96	-14.33	209.45	287.21	-365.46	474.98	12.17	46.34
26392	11.36	-5.07	-14.33	169.65	227.17	-312.54	448.92	5.96	44.03
26393	11.16	-6.17	-14.33	133.52	165.11	-259.51	417.45	0.18	48.55
26394	10.93	-7.26	-14.33	101.23	102.77	-207.86	381.65	-5.30	59.36
26395	12.73	-3.96	-14.33	170.28	303.62	-366.96	508.36	12.25	52.02
26396	12.55	-5.07	-14.33	136.03	250.28	-313.86	479.65	5.42	49.58
26397	12.34	-6.17	-14.33	105.46	194.79	-260.61	445.20	-0.86	54.32
26398	12.08	-7.26	-14.33	78.74	139.59	-208.44	405.91	-6.85	66.11
26399	13.94	-3.96	-14.33	128.85	321.67	-368.48	539.51	12.01	58.33
26400	13.75	-5.07	-14.33	100.89	275.16	-315.25	508.30	4.65	55.52
26401	13.51	-6.17	-14.33	76.54	225.99	-261.90	471.44	-1.91	60.16
26402	13.23	-7.26	-14.33	55.69	177.82	-209.33	429.99	-7.90	72.67
26403	15.15	-3.96	-14.33	85.75	341.44	-370.01	567.74	11.22	65.26
26404	14.94	-5.08	-14.33	64.82	301.70	-316.75	533.96	3.41	61.72
26405	14.69	-6.18	-14.33	47.55	257.77	-263.48	494.94	-3.22	65.68
26406	14.38	-7.26	-14.33	33.45	214.18	-210.90	452.56	-8.69	77.88
26407	16.36	-3.96	-14.33	41.81	363.29	-371.53	592.46	9.56	72.79
26408	16.14	-5.08	-14.33	28.42	330.35	-318.37	555.77	1.39	68.10
26409	15.86	-6.18	-14.33	18.89	290.58	-265.37	514.15	-5.22	70.72
26410	15.53	-7.26	-14.33	12.65	248.20	-213.27	470.50	-10.08	81.18
26411	17.57	-3.96	-14.33	-1.44	387.64	-373.01	613.49	6.51	80.81
26412	17.33	-5.08	-14.33	-7.29	361.90	-320.10	573.44	-1.83	74.39
26413	17.04	-6.18	-14.33	-9.03	325.59	-267.65	528.51	-8.22	74.98
26414	16.68	-7.26	-14.33	-7.31	282.90	-216.39	482.19	-12.69	82.80
26415	18.78	-3.96	-14.33	-41.24	415.31	-373.97	632.03	0.63	85.82
26416	18.53	-5.08	-14.33	-40.17	396.78	-321.62	587.73	-7.67	77.36
26417	18.21	-6.18	-14.33	-34.39	363.47	-270.03	538.76	-13.69	75.04
26418	17.83	-7.26	-14.33	-25.02	318.70	-220.05	489.35	-17.79	78.90
26419	-18.78	-3.96	-11.67	175.88	194.50	-337.26	-129.83	-100.85	-46.10
26420	-18.53	-5.08	-11.67	171.37	155.09	-282.82	-129.77	-76.66	-43.60
26421	-18.21	-6.18	-11.67	166.46	115.70	-228.10	-127.43	-53.51	-40.21
26422	-17.83	-7.26	-11.67	160.86	79.02	-176.06	-122.86	-31.43	-36.01
26423	-17.57	-3.96	-11.67	201.17	197.17	-341.21	-130.82	-87.13	-69.53
26424	-17.33	-5.08	-11.67	192.48	155.21	-284.20	-129.98	-63.37	-64.86
26425	-17.04	-6.18	-11.67	183.48	113.27	-226.78	-126.93	-40.76	-59.12
26426	-16.68	-7.26	-11.67	173.96	74.08	-172.20	-121.70	-19.28	-52.55
26427	-16.36	-3.96	-11.67	222.85	200.01	-341.20	-127.89	-71.22	-91.29
26428	-16.14	-5.08	-11.67	210.05	155.68	-282.40	-126.42	-48.66	-84.57
26429	-15.86	-6.18	-11.67	197.05	111.38	-223.05	-122.83	-27.19	-76.66
26430	-15.53	-7.26	-11.67	183.73	69.76	-166.56	-117.16	-6.82	-67.97
26431	-15.15	-3.96	-11.67	241.28	202.56	-338.45	-121.66	-55.41	-111.64
26432	-14.94	-5.08	-11.67	224.66	155.94	-278.74	-119.62	-34.39	-103.19
26433	-14.69	-6.18	-11.67	208.01	109.37	-218.38	-115.55	-14.26	-93.51

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]
26434	-14.38	-7.26	-11.67	191.28	65.46	-160.88	-109.53	4.94	-83.14
26435	-13.94	-3.96	-11.67	257.17	204.42	-334.43	-112.82	-41.37	-130.75
26436	-13.75	-5.07	-11.67	237.16	155.46	-274.60	-110.30	-21.97	-121.06
26437	-13.51	-6.17	-11.67	217.31	106.58	-214.10	-105.84	-3.23	-110.21
26438	-13.23	-7.26	-11.67	197.68	60.49	-156.54	-99.64	14.74	-98.78
26439	-12.73	-3.96	-11.67	271.19	205.39	-330.43	-101.94	-29.97	-148.71
26440	-12.55	-5.07	-11.67	248.20	154.01	-271.03	-99.14	-12.20	-138.26
26441	-12.34	-6.17	-11.67	225.58	102.79	-211.03	-94.54	5.07	-126.82
26442	-12.08	-7.26	-11.67	203.44	54.60	-154.10	-88.47	21.62	-114.84
26443	-11.51	-3.96	-11.67	283.79	205.56	-327.31	-89.47	-21.36	-165.53
26444	-11.36	-5.07	-11.67	258.10	151.77	-268.61	-86.65	-5.24	-154.70
26445	-11.16	-6.17	-11.67	232.96	98.28	-209.43	-82.26	10.44	-143.01
26446	-10.93	-7.26	-11.67	208.46	48.20	-153.35	-76.70	25.39	-130.72
26447	-10.30	-3.96	-11.67	295.14	205.16	-325.47	-75.70	-15.21	-181.10
26448	-10.16	-5.07	-11.67	266.91	149.10	-267.52	-73.13	-0.76	-170.11
26449	-9.99	-6.17	-11.67	239.33	93.58	-209.16	-69.24	13.26	-158.30
26450	-9.78	-7.26	-11.67	212.48	41.91	-153.84	-64.41	26.52	-145.73
26451	-9.09	-3.96	-11.67	305.22	204.47	-324.96	-60.76	-10.91	-195.31
26452	-8.97	-5.07	-11.67	274.55	146.41	-267.66	-58.62	1.86	-184.23
26453	-8.81	-6.17	-11.67	244.60	89.13	-209.95	-55.39	14.21	-172.32
26454	-8.63	-7.26	-11.67	215.44	36.14	-155.15	-51.40	25.80	-159.39
26455	-7.88	-3.96	-11.67	313.95	203.74	-325.60	-44.68	-7.78	-208.04
26456	-7.77	-5.06	-11.67	280.97	143.96	-268.79	-43.08	3.30	-196.89
26457	-7.64	-6.16	-11.67	248.74	85.22	-211.53	-40.60	13.99	-184.84
26458	-7.48	-7.26	-11.67	217.39	31.11	-157.02	-37.50	24.00	-171.53
26459	-6.67	-3.95	-11.67	321.22	203.11	-327.12	-27.43	-5.23	-219.20
26460	-6.58	-5.06	-11.67	286.09	141.92	-270.64	-26.44	4.15	-207.98
26461	-6.46	-6.16	-11.67	251.77	81.97	-213.66	-24.77	13.18	-195.77
26462	-6.33	-7.26	-11.67	218.44	26.91	-159.27	-22.61	21.65	-182.11
26463	-5.45	-3.95	-11.67	326.90	202.66	-329.26	-9.06	-2.80	-228.71
26464	-5.38	-5.06	-11.67	289.86	140.36	-272.97	-8.72	4.84	-217.44
26465	-5.29	-6.16	-11.67	253.69	79.44	-216.13	-7.92	12.20	-205.08
26466	-5.18	-7.25	-11.67	218.63	23.59	-161.75	-6.77	19.11	-191.11
26467	-4.24	-3.95	-11.67	330.87	202.45	-331.76	10.40	-0.17	-236.53
26468	-4.18	-5.06	-11.67	292.20	139.32	-275.57	10.02	5.66	-225.20
26469	-4.11	-6.16	-11.67	254.47	77.66	-218.77	9.91	11.29	-212.72
26470	-4.03	-7.25	-11.67	217.97	21.18	-164.30	9.97	16.59	-198.50
26471	-3.03	-3.95	-11.67	332.98	202.50	-334.41	30.83	2.84	-242.59
26472	-2.99	-5.06	-11.67	293.00	138.83	-278.26	29.71	6.78	-231.23
26473	-2.94	-6.16	-11.67	254.03	76.66	-221.42	28.60	10.60	-218.66
26474	-2.88	-7.25	-11.67	216.40	19.71	-166.82	27.47	14.19	-204.25
26475	-1.82	-3.95	-11.67	333.09	202.81	-337.04	52.12	6.30	-246.82
26476	-1.79	-5.05	-11.67	292.16	138.90	-280.87	50.19	8.26	-235.46
26477	-1.76	-6.15	-11.67	252.30	76.46	-223.97	48.03	10.17	-222.84
26478	-1.73	-7.25	-11.67	213.86	19.24	-169.19	45.63	11.98	-208.31
26479	-0.61	-3.95	-11.67	331.07	203.40	-339.51	74.12	10.20	-249.17
26480	-0.60	-5.05	-11.67	289.58	139.55	-283.31	71.34	10.08	-237.83
26481	-0.59	-6.15	-11.67	249.18	77.09	-226.30	68.05	10.00	-225.20
26482	-0.58	-7.25	-11.67	210.26	19.76	-171.32	64.32	9.93	-210.61
26483	-18.78	-3.96	-13.00	218.39	234.08	-333.67	-179.77	-66.77	3.47
26484	-18.53	-5.08	-13.00	214.43	181.50	-280.48	-179.50	-50.48	6.98
26485	-18.21	-6.18	-13.00	210.62	133.10	-225.56	-176.30	-35.19	9.19
26486	-17.83	-7.26	-13.00	205.10	84.28	-174.76	-170.34	-20.64	10.52
26487	-17.57	-3.96	-13.00	250.99	237.86	-335.97	-182.24	-57.34	-10.58
26488	-17.33	-5.08	-13.00	241.42	181.91	-281.30	-180.79	-41.39	-5.09
26489	-17.04	-6.18	-13.00	232.12	130.65	-224.47	-176.62	-26.48	-0.56
26490	-16.68	-7.26	-13.00	221.31	78.79	-171.59	-169.91	-12.53	3.27
26491	-16.36	-3.96	-13.00	279.17	241.32	-336.56	-178.94	-45.99	-24.33
26492	-16.14	-5.08	-13.00	263.95	182.53	-280.88	-176.39	-30.81	-16.98
26493	-15.86	-6.18	-13.00	249.14	128.80	-222.68	-171.19	-16.53	-10.20
26494	-15.53	-7.26	-13.00	232.94	74.72	-168.04	-163.52	-3.19	-3.78
26495	-15.15	-3.96	-13.00	303.04	243.57	-336.13	-171.46	-34.49	-37.85
26496	-14.94	-5.08	-13.00	282.54	181.90	-279.94	-167.81	-20.26	-29.01
26497	-14.69	-6.18	-13.00	262.62	125.59	-221.01	-161.42	-6.64	-20.52
26498	-14.38	-7.26	-13.00	241.53	69.05	-165.41	-152.40	6.48	-12.30
26499	-13.94	-3.96	-13.00	322.89	244.20	-335.24	-160.41	-24.18	-50.74
26500	-13.75	-5.07	-13.00	297.69	179.43	-278.98	-155.79	-10.98	-40.95
26501	-13.51	-6.17	-13.00	273.37	119.99	-219.97	-148.31	1.98	-31.60
26502	-13.23	-7.26	-13.00	248.32	60.18	-164.48	-138.12	14.89	-22.93
26503	-12.73	-3.96	-13.00	339.28	243.23	-334.41	-146.47	-15.78	-62.95
26504	-12.55	-5.07	-13.00	310.00	175.06	-278.41	-141.23	-3.66	-52.74
26505	-12.34	-6.17	-13.00	281.98	111.97	-219.81	-133.20	8.46	-43.34
26506	-12.08	-7.26	-13.00	253.72	48.30	-165.22	-122.72	20.67	-35.25
26507	-11.51	-3.96	-13.00	352.76	240.98	-333.98	-130.26	-9.52	-74.41
26508	-11.36	-5.07	-13.00	319.91	169.32	-278.43	-124.89	1.45	-64.17
26509	-11.16	-6.17	-13.00	288.61	102.52	-220.49	-117.05	12.49	-55.15
26510	-10.93	-7.26	-13.00	257.34	35.17	-167.00	-107.29	23.50	-47.93
26511	-10.30	-3.96	-13.00	363.75	237.97	-334.13	-112.19	-5.20	-85.01
26512	-10.16	-5.07	-13.00	327.64	163.06	-279.07	-107.18	4.57	-74.93
26513	-9.99	-6.17	-13.00	293.24	92.93	-221.80	-100.10	14.35	-66.37
26514	-9.78	-7.26	-13.00	258.94	22.62	-169.24	-91.59	23.95	-59.82
26515	-9.09	-3.96	-13.00	372.57	234.76	-334.88	-92.49	-2.38	-94.65
26516	-8.97	-5.07	-13.00	333.43	157.00	-280.25	-88.15	6.17	-84.76
26517	-8.81	-6.17	-13.00	296.05	84.13	-223.51	-82.12	14.68	-76.55
26518	-8.63	-7.26	-13.00	258.80	11.54	-171.60	-74.99	22.93	-70.37
26519	-7.88	-3.96	-13.00	379.46	231.75	-336.12	-71.23	-0.55	-103.23
26520	-7.77	-5.06	-13.00	337.50	151.63	-281.84	-67.73	6.81	-93.51
26521	-7.64	-6.16	-13.00	297.34	76.53	-225.49	-62.87	14.10	-85.51
26522	-7.48	-7.26	-13.00	257.38	2.13	-173.99	-57.13	21.13	-79.50
26523	-6.67	-3.95	-13.00	384.56	229.18	-337.76	-48.43	0.76	-110.71
26524	-6.58	-5.06	-13.00	340.06	147.15	-283.73	-45.87	6.95	-101.10
26525	-6.46	-6.16	-13.00	297.41	70.27	-227.64	-42.23	13.08	-93.25
26526	-6.33	-7.26	-13.00	255.06	-5.60	-176.38	-37.91	19.00	-87.31
26527	-5.45	-3.95	-13.00	387.94	227.17	-339.65	-24.18	1.93	-117.06
26528	-5.38	-5.06	-13.00	341.22	143.64	-285.81	-22.61	6.95	-107.54
26529	-5.29	-6.16	-13.00	296.40	65.36	-229.88	-20.24	11.94	-99.77
26530	-5.18	-7.25	-13.00	252.01	-11.72	-178.76	-17.40	16.77	-93.89
26531	-4.24	-3.95	-13.00	389.58	225.75	-341.70	1.44	3.21	-122.26
26532	-4.18	-5.06	-13.00	340.98	141.13	-287.98	1.97	7.04	-112.81

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]
26533	-4.11	-6.16	-13.00	294.35	61.78	-232.15	2.99	10.87	-105.11
26534	-4.03	-7.25	-13.00	248.29	-16.25	-181.08	4.27	14.60	-99.26
26535	-3.03	-3.95	-13.00	389.38	224.95	-343.81	28.28	4.75	-126.28
26536	-2.99	-5.06	-13.00	339.27	139.62	-290.17	27.70	7.35	-116.89
26537	-2.94	-6.16	-13.00	291.21	59.54	-234.38	27.32	9.98	-109.24
26538	-2.88	-7.25	-13.00	243.83	-19.19	-183.31	26.93	12.56	-103.43
26539	-1.82	-3.95	-13.00	387.18	224.76	-345.90	56.19	6.61	-129.09
26540	-1.79	-5.05	-13.00	335.98	139.10	-292.32	54.44	7.92	-119.75
26541	-1.76	-6.15	-13.00	286.88	58.63	-236.53	52.57	9.28	-112.14
26542	-1.73	-7.25	-13.00	238.57	-20.52	-185.40	50.41	10.66	-106.36
26543	-0.61	-3.95	-13.00	382.82	225.19	-347.91	84.98	8.78	-130.66
26544	-0.60	-5.05	-13.00	330.96	139.60	-294.36	82.00	8.74	-121.36
26545	-0.59	-6.15	-13.00	281.24	59.08	-238.54	78.56	8.79	-113.78
26546	-0.58	-7.25	-13.00	232.37	-20.22	-187.32	74.54	8.90	-108.01
26547	-18.78	-3.96	-14.33	264.91	245.37	-328.24	-251.94	-23.34	68.28
26548	-18.53	-5.08	-14.33	264.75	196.19	-276.40	-249.81	-17.50	63.59
26549	-18.21	-6.18	-14.33	263.25	146.30	-225.19	-245.16	-12.07	65.33
26550	-17.83	-7.26	-14.33	260.47	98.67	-175.65	-238.29	-6.89	73.15
26551	-17.57	-3.96	-14.33	307.04	250.33	-330.02	-250.91	-19.78	67.13
26552	-17.33	-5.08	-14.33	299.11	198.45	-277.63	-247.55	-14.05	63.32
26553	-17.04	-6.18	-14.33	290.00	147.29	-225.61	-241.32	-8.72	66.83
26554	-16.68	-7.26	-14.33	280.10	100.79	-174.85	-232.55	-3.84	77.67
26555	-16.36	-3.96	-14.33	343.11	253.68	-331.28	-246.23	-14.98	62.19
26556	-16.14	-5.08	-14.33	327.62	198.28	-278.64	-241.24	-9.49	59.40
26557	-15.86	-6.18	-14.33	311.32	145.16	-226.11	-233.33	-4.26	64.23
26558	-15.53	-7.26	-14.33	294.53	98.45	-174.51	-222.85	0.55	77.13
26559	-15.15	-3.96	-14.33	372.34	254.65	-332.39	-236.73	-10.25	57.24
26560	-14.94	-5.08	-14.33	349.82	195.60	-279.66	-230.28	-5.13	55.14
26561	-14.69	-6.18	-14.33	326.83	139.72	-226.87	-220.66	-0.04	60.82
26562	-14.38	-7.26	-14.33	303.56	91.55	-174.78	-207.64	5.10	75.03
26563	-13.94	-3.96	-14.33	395.04	253.27	-333.44	-222.76	-6.10	52.48
26564	-13.75	-5.07	-14.33	366.31	190.20	-280.74	-215.12	-1.36	50.78
26565	-13.51	-6.17	-14.33	337.51	130.41	-227.88	-203.96	3.59	56.79
26566	-13.23	-7.26	-14.33	309.07	77.65	-175.81	-188.52	9.10	70.92
26567	-12.73	-3.96	-14.33	412.15	249.83	-334.51	-204.99	-2.79	47.97
26568	-12.55	-5.07	-14.33	378.08	182.32	-281.92	-196.65	1.53	46.41
26569	-12.34	-6.17	-14.33	344.43	117.49	-229.17	-184.72	6.24	52.22
26570	-12.08	-7.26	-14.33	311.77	57.81	-177.52	-168.57	11.64	65.28
26571	-11.51	-3.96	-14.33	424.76	244.88	-335.67	-184.14	-0.41	43.74
26572	-11.36	-5.07	-14.33	386.07	172.82	-283.26	-175.74	3.47	42.12
26573	-11.16	-6.17	-14.33	348.19	102.62	-230.72	-164.10	7.76	47.48
26574	-10.93	-7.26	-14.33	311.53	36.06	-179.59	-148.97	12.63	59.28
26575	-10.30	-3.96	-14.33	433.85	239.20	-336.97	-160.74	1.15	39.84
26576	-10.16	-5.07	-14.33	391.07	162.86	-284.75	-152.88	4.56	38.07
26577	-9.99	-6.17	-14.33	349.26	87.81	-232.44	-142.31	8.33	42.95
26578	-9.78	-7.26	-14.33	308.69	15.72	-181.72	-129.04	12.51	53.76
26579	-9.09	-3.96	-14.33	440.24	233.50	-338.41	-135.11	2.07	36.31
26580	-8.97	-5.07	-14.33	393.75	153.43	-286.37	-128.18	5.01	34.38
26581	-8.81	-6.17	-14.33	348.30	74.39	-234.23	-119.06	8.25	38.88
26582	-8.63	-7.26	-14.33	304.06	-1.87	-183.79	-107.81	11.81	49.02
26583	-7.88	-3.96	-14.33	444.52	228.29	-339.97	-107.39	2.58	33.18
26584	-7.77	-5.06	-14.33	394.69	145.12	-288.07	-101.62	5.06	31.12
26585	-7.64	-6.16	-14.33	345.94	62.89	-236.06	-94.09	7.82	35.34
26586	-7.48	-7.26	-14.33	298.43	-16.57	-185.78	-84.83	10.86	45.03
26587	-6.67	-3.95	-14.33	447.09	223.88	-341.61	-77.69	2.88	30.47
26588	-6.58	-5.06	-14.33	394.27	138.20	-289.83	-73.19	4.93	28.30
26589	-6.46	-6.16	-14.33	342.60	53.43	-237.90	-67.33	7.25	32.31
26590	-6.33	-7.26	-14.33	292.27	-28.59	-187.71	-60.06	9.84	41.66
26591	-5.45	-3.95	-14.33	448.11	220.40	-343.31	-46.15	3.13	28.19
26592	-5.38	-5.06	-14.33	392.69	132.74	-291.63	-42.99	4.76	25.93
26593	-5.29	-6.16	-14.33	338.50	45.97	-239.75	-38.85	6.66	29.76
26594	-5.18	-7.25	-14.33	285.75	-38.09	-189.59	-33.62	8.82	38.84
26595	-4.24	-3.95	-14.33	447.56	217.88	-345.04	-12.90	3.44	26.32
26596	-4.18	-5.06	-14.33	389.94	128.75	-293.44	-11.15	4.64	24.00
26597	-4.11	-6.16	-14.33	333.62	40.46	-241.59	-8.80	6.11	27.68
26598	-4.03	-7.25	-14.33	278.88	-45.19	-191.44	-5.71	7.85	36.53
26599	-3.03	-3.95	-14.33	445.28	216.32	-346.78	21.88	3.86	24.89
26600	-2.99	-5.06	-14.33	385.88	126.20	-295.24	22.15	4.62	22.51
26601	-2.94	-6.16	-14.33	327.87	36.85	-243.41	22.61	5.65	26.07
26602	-2.88	-7.25	-14.33	271.55	-49.95	-193.23	23.46	6.95	34.73
26603	-1.82	-3.95	-14.33	441.05	215.72	-348.52	57.97	4.41	23.91
26604	-1.79	-5.05	-14.33	380.33	125.08	-297.04	56.69	4.71	21.47
26605	-1.76	-6.15	-14.33	321.07	35.13	-245.20	55.20	5.28	24.93
26606	-1.73	-7.25	-14.33	263.60	-52.37	-194.97	53.68	6.13	33.45
26607	-0.61	-3.95	-14.33	434.61	216.05	-350.24	95.19	5.10	23.37
26608	-0.60	-5.05	-14.33	373.06	125.41	-298.80	92.28	4.92	20.89
26609	-0.59	-6.15	-14.33	313.02	35.33	-246.95	88.71	5.00	24.27
26610	-0.58	-7.25	-14.33	254.84	-52.44	-196.65	84.71	5.36	32.70
26611	-23.24	-3.96	-11.67	9.56	185.74	-291.11	-39.68	-44.92	131.80
26612	-23.02	-5.07	-11.67	12.21	166.22	-253.99	-43.94	-46.87	130.71
26613	-22.75	-6.17	-11.67	15.06	145.74	-215.85	-46.88	-48.47	127.45
26614	-22.42	-7.26	-11.67	17.85	127.39	-179.67	-48.64	-49.83	122.41
26615	-22.38	-3.96	-11.67	30.14	188.79	-279.15	-65.57	-77.86	94.34
26616	-22.15	-5.07	-11.67	34.19	165.14	-239.75	-69.62	-71.76	92.46
26617	-21.87	-6.18	-11.67	38.29	140.95	-199.90	-72.13	-65.56	89.13
26618	-21.53	-7.26	-11.67	42.23	118.74	-162.09	-73.10	-59.49	84.77
26619	-21.53	-3.96	-11.67	64.19	189.95	-290.99	-89.62	-99.89	55.99
26620	-21.29	-5.08	-11.67	68.22	162.16	-248.24	-92.90	-86.46	54.18
26621	-20.99	-6.18	-11.67	72.20	133.99	-205.23	-94.33	-73.24	51.78
26622	-20.64	-7.26	-11.67	75.74	107.89	-164.29	-94.02	-60.33	49.10
26623	-20.67	-3.96	-11.67	103.25	190.72	-309.89	-109.65	-111.28	18.44
26624	-20.42	-5.08	-11.67	105.81	158.67	-263.22	-111.83	-92.03	17.44
26625	-20.12	-6.18	-11.67	108.10	126.46	-216.38	-111.94	-73.28	16.53
26626	-19.75	-7.26	-11.67	109.72	96.57	-171.77	-110.08	-55.09	15.94
26627	-19.82	-3.96	-11.67	142.89	192.26	-326.85	-123.46	-110.44	-17.02
26628	-19.56	-5.08	-11.67	142.39	156.12	-276.00	-124.48	-87.48	-16.55
26629	-19.24	-6.18	-11.67	141.50	119.98	-224.95	-123.26	-65.32	-15.47
26630	-18.86	-7.26	-11.67	139.85	86.35	-176.36	-119.86	-43.96	-13.71
26631	-23.24	-3.96	-13.00	11.28	222.76	-321.55	-48.16	-30.90	133.19

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]
26632	-23.02	-5.07	-13.00	14.76	197.27	-276.27	-53.05	-33.63	133.31
26633	-22.75	-6.17	-13.00	19.27	175.26	-228.97	-56.93	-35.64	128.89
26634	-22.42	-7.26	-13.00	22.80	150.65	-186.88	-59.79	-37.80	120.81
26635	-22.38	-3.96	-13.00	38.80	226.23	-301.80	-81.73	-46.52	99.85
26636	-22.15	-5.07	-13.00	45.06	196.77	-255.84	-86.69	-42.93	99.45
26637	-21.87	-6.18	-13.00	52.13	169.06	-208.44	-89.78	-38.99	95.79
26638	-21.53	-7.26	-13.00	58.20	140.14	-164.94	-91.36	-35.41	89.34
26639	-21.53	-3.96	-13.00	80.50	226.87	-308.33	-118.36	-62.99	69.28
26640	-21.29	-5.08	-13.00	87.43	191.10	-260.76	-122.10	-53.82	69.04
26641	-20.99	-6.18	-13.00	94.88	157.63	-212.00	-123.71	-44.80	66.22
26642	-20.64	-7.26	-13.00	100.87	123.19	-167.04	-123.50	-36.11	61.39
26643	-20.67	-3.96	-13.00	127.51	228.01	-318.78	-147.74	-72.61	43.59
26644	-20.42	-5.08	-13.00	132.64	186.20	-269.48	-150.27	-59.31	43.93
26645	-20.12	-6.18	-13.00	137.94	147.13	-219.03	-150.25	-46.45	42.33
26646	-19.75	-7.26	-13.00	141.47	107.70	-172.41	-147.91	-34.00	39.38
26647	-19.82	-3.96	-13.00	176.73	230.52	-327.98	-169.19	-72.84	20.90
26648	-19.56	-5.08	-13.00	178.01	182.73	-276.72	-170.32	-57.16	22.56
26649	-19.24	-6.18	-13.00	179.38	138.34	-224.12	-168.57	-42.22	22.68
26650	-18.86	-7.26	-13.00	178.92	93.73	-175.52	-164.14	-27.77	21.83
26651	-23.24	-3.96	-14.33	11.32	243.32	-323.50	-33.93	-11.73	137.94
26652	-23.02	-5.07	-14.33	20.12	236.72	-273.11	-44.69	-13.58	127.98
26653	-22.75	-6.17	-14.33	28.08	226.75	-223.86	-50.43	-14.93	124.51
26654	-22.42	-7.26	-14.33	36.56	217.76	-176.50	-50.76	-16.50	126.09
26655	-22.38	-3.96	-14.33	42.27	244.26	-313.89	-111.00	-11.88	92.33
26656	-22.15	-5.07	-14.33	57.40	223.58	-264.09	-115.66	-10.57	87.18
26657	-21.87	-6.18	-14.33	72.84	200.89	-214.58	-117.91	-8.65	85.37
26658	-21.53	-7.26	-14.33	87.37	173.49	-167.03	-118.66	-6.81	85.62
26659	-21.53	-3.96	-14.33	87.27	242.02	-317.48	-162.46	-21.45	82.51
26660	-21.29	-5.08	-14.33	103.22	213.24	-267.26	-165.96	-17.99	76.52
26661	-20.99	-6.18	-14.33	118.42	181.36	-217.78	-166.95	-14.47	74.73
26662	-20.64	-7.26	-14.33	131.69	148.68	-170.05	-165.88	-11.08	76.20
26663	-20.67	-3.96	-14.33	145.22	243.20	-321.59	-203.13	-26.06	71.86
26664	-20.42	-5.08	-14.33	158.07	205.70	-271.03	-205.12	-20.93	66.23
26665	-20.12	-6.18	-14.33	169.67	166.60	-221.12	-203.94	-15.84	65.05
26666	-19.75	-7.26	-14.33	179.13	127.52	-173.03	-199.72	-10.76	67.44
26667	-19.82	-3.96	-14.33	209.08	243.54	-325.45	-236.58	-25.87	66.83
26668	-19.56	-5.08	-14.33	216.08	198.46	-274.38	-236.37	-19.99	61.66
26669	-19.24	-6.18	-14.33	221.78	152.31	-223.95	-233.28	-14.32	61.59
26670	-18.86	-7.26	-14.33	225.48	106.67	-175.46	-227.55	-8.63	65.93
26671	22.14	-8.10	-11.67	-430.72	448.67	-1119.86	373.61	-479.94	394.41
26672	21.23	-8.10	-11.67	-174.71	439.98	-281.88	274.07	-201.20	48.67
26673	20.33	-8.10	-11.67	-62.62	322.12	-227.17	278.60	-153.35	32.82
26674	19.42	-8.10	-11.67	-15.75	260.68	-187.34	286.48	-136.15	14.25
26675	18.52	-8.10	-11.67	11.36	208.79	-169.61	290.99	-112.86	-3.85
26676	21.91	-8.70	-11.67	-216.65	541.17	-900.48	191.92	-338.73	131.35
26677	20.99	-8.70	-11.67	-105.28	390.04	-264.95	240.60	-180.35	6.45
26678	20.07	-8.70	-11.67	-35.66	300.82	-204.65	253.17	-155.50	11.33
26679	19.16	-8.70	-11.67	-2.62	237.95	-164.49	265.50	-140.62	3.53
26680	18.24	-8.70	-11.67	17.51	186.02	-144.52	272.12	-120.00	-8.08
26681	22.14	-8.10	-13.00	29.97	518.86	-473.83	197.66	-68.42	164.06
26682	21.23	-8.10	-13.00	-107.62	470.02	-329.70	297.22	-203.62	93.56
26683	20.33	-8.10	-13.00	-61.77	405.13	-192.46	321.68	-136.99	44.86
26684	19.42	-8.10	-13.00	-28.01	327.85	-186.79	341.99	-105.91	36.26
26685	18.52	-8.10	-13.00	-6.85	259.84	-180.78	355.12	-80.86	27.12
26686	21.91	-8.70	-13.00	24.12	502.25	-421.46	199.50	-73.57	100.02
26687	20.99	-8.70	-13.00	-70.75	453.18	-279.50	260.50	-173.53	41.41
26688	20.07	-8.70	-13.00	-38.42	378.90	-175.40	295.13	-129.28	27.02
26689	19.16	-8.70	-13.00	-15.43	302.00	-167.23	317.57	-106.00	27.17
26690	18.24	-8.70	-13.00	-0.08	233.22	-159.62	332.14	-84.61	23.55
26691	22.14	-8.10	-14.33	62.41	646.60	-252.95	212.09	6.72	134.66
26692	21.23	-8.10	-14.33	45.99	616.76	-229.68	314.64	-72.29	81.19
26693	20.33	-8.10	-14.33	-20.12	527.22	-197.68	370.50	-71.11	76.28
26694	19.42	-8.10	-14.33	-40.05	423.84	-188.33	406.07	-45.09	70.52
26695	18.52	-8.10	-14.33	-32.52	325.52	-188.14	436.91	-29.86	73.83
26696	21.91	-8.70	-14.33	62.02	579.10	-230.39	203.78	1.92	107.63
26697	20.99	-8.70	-14.33	42.39	552.78	-201.15	289.77	-67.06	62.87
26698	20.07	-8.70	-14.33	-13.82	458.43	-174.64	338.11	-63.98	65.86
26699	19.16	-8.70	-14.33	-33.16	356.54	-167.30	374.81	-43.84	65.61
26700	18.24	-8.70	-14.33	-29.24	255.78	-166.61	407.74	-31.57	72.20
26701	17.50	-8.10	-11.67	27.64	172.25	-156.76	290.82	-93.97	-21.01
26702	16.37	-8.10	-11.67	38.52	146.77	-147.28	287.25	-79.89	-35.94
26703	15.24	-8.10	-11.67	48.58	124.66	-138.98	280.35	-68.18	-51.48
26704	14.11	-8.10	-11.67	59.15	105.07	-133.00	270.12	-58.94	-67.85
26705	12.98	-8.10	-11.67	70.82	87.01	-129.97	257.59	-51.23	-85.17
26706	11.85	-8.10	-11.67	83.33	69.99	-129.48	243.85	-44.10	-102.92
26707	10.73	-8.10	-11.67	96.02	54.19	-130.42	229.65	-36.98	-120.24
26708	9.60	-8.10	-11.67	108.21	39.98	-131.82	215.01	-29.94	-136.18
26709	8.47	-8.10	-11.67	119.61	27.43	-133.12	199.82	-23.36	-150.26
26710	7.34	-8.10	-11.67	130.20	16.54	-134.09	183.96	-17.48	-162.38
26711	6.21	-8.10	-11.67	139.98	7.23	-134.69	167.44	-12.32	-172.58
26712	5.08	-8.10	-11.67	148.97	-0.63	-134.88	150.34	-7.80	-180.91
26713	3.95	-8.10	-11.67	157.13	-7.11	-134.67	132.79	-3.79	-187.41
26714	2.82	-8.10	-11.67	164.45	-12.29	-134.08	114.95	-0.17	-192.12
26715	1.69	-8.10	-11.67	170.91	-16.22	-133.11	96.96	3.22	-195.07
26716	0.56	-8.10	-11.67	176.51	-18.90	-131.79	79.01	6.52	-196.30
26717	17.23	-8.70	-11.67	29.61	148.93	-130.03	272.72	-102.68	-21.57
26718	16.11	-8.70	-11.67	37.72	123.14	-119.67	270.01	-89.26	-34.15
26719	15.00	-8.70	-11.67	45.17	100.81	-110.72	263.71	-78.17	-47.61
26720	13.89	-8.70	-11.67	54.00	80.64	-104.31	254.29	-69.10	-62.48
26721	12.78	-8.70	-11.67	63.76	62.07	-101.19	242.97	-61.14	-78.45
26722	11.67	-8.70	-11.67	74.28	44.69	-100.76	230.36	-53.62	-95.02
26723	10.56	-8.70	-11.67	85.29	28.58	-101.69	217.34	-45.76	-111.41
26724	9.45	-8.70	-11.67	95.70	14.17	-103.02	203.84	-37.87	-126.46
26725	8.34	-8.70	-11.67	105.50	1.38	-104.22	189.70	-30.50	-139.76
26726	7.22	-8.70	-11.67	114.68	-9.75	-105.12	174.84	-23.81	-151.27
26727	6.11	-8.70	-11.67	123.28	-19.31	-105.66	159.30	-17.81	-160.99
26728	5.00	-8.70	-11.67	131.28	-27.40	-105.83	143.19	-12.42	-168.95
26729	3.89	-8.70	-11.67	138.65	-34.09	-105.63	126.62	-7.52	-175.17
26730	2.78	-8.70	-11.67	145.36	-39.44	-105.07	109.76	-2.97	-179.68

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]
26731	1.67	-8.70	-11.67	151.41	-43.49	-104.17	92.73	1.34	-182.50
26732	0.56	-8.70	-11.67	156.80	-46.24	-102.92	75.73	5.52	-183.70
26733	17.50	-8.10	-13.00	8.31	210.23	-174.22	359.11	-63.28	19.27
26734	16.37	-8.10	-13.00	19.07	176.13	-166.88	357.61	-51.70	13.43
26735	15.24	-8.10	-13.00	29.46	148.02	-159.66	349.43	-43.78	7.20
26736	14.11	-8.10	-13.00	41.40	121.39	-154.88	335.67	-39.24	-1.87
26737	12.98	-8.10	-13.00	55.65	93.97	-153.41	318.66	-35.90	-14.48
26738	11.85	-8.10	-13.00	71.35	65.90	-154.33	301.03	-32.00	-29.32
26739	10.73	-8.10	-13.00	87.01	39.25	-156.12	283.81	-27.05	-44.24
26740	9.60	-8.10	-13.00	101.65	15.71	-157.71	266.31	-21.62	-57.62
26741	8.47	-8.10	-13.00	115.21	-4.46	-158.76	247.84	-16.47	-68.97
26742	7.34	-8.10	-13.00	127.90	-21.55	-159.29	228.15	-11.93	-78.46
26743	6.21	-8.10	-13.00	139.85	-35.91	-159.40	207.32	-8.00	-86.29
26744	5.08	-8.10	-13.00	151.06	-47.84	-159.16	185.57	-4.58	-92.62
26745	3.95	-8.10	-13.00	161.50	-57.52	-158.61	163.13	-1.56	-97.52
26746	2.82	-8.10	-13.00	171.13	-65.14	-157.79	140.23	1.18	-101.07
26747	1.69	-8.10	-13.00	179.96	-70.81	-156.70	117.10	3.76	-103.31
26748	0.56	-8.10	-13.00	187.99	-74.57	-155.37	94.00	6.29	-104.29
26749	17.23	-8.70	-13.00	11.16	183.87	-152.22	336.92	-68.64	18.74
26750	16.11	-8.70	-13.00	18.61	149.47	-144.01	336.45	-57.25	14.98
26751	15.00	-8.70	-13.00	25.31	120.74	-135.63	328.55	-49.99	10.78
26752	13.89	-8.70	-13.00	34.86	93.27	-130.43	315.15	-46.35	2.93
26753	12.78	-8.70	-13.00	46.91	65.33	-129.66	299.14	-43.28	-9.18
26754	11.67	-8.70	-13.00	60.29	36.75	-131.61	283.00	-39.12	-23.85
26755	10.56	-8.70	-13.00	73.79	9.97	-134.11	267.59	-33.39	-38.49
26756	9.45	-8.70	-13.00	86.15	-13.36	-135.99	251.76	-27.12	-51.26
26757	8.34	-8.70	-13.00	97.68	-33.43	-137.06	234.77	-21.32	-61.94
26758	7.22	-8.70	-13.00	108.67	-50.50	-137.54	216.45	-16.20	-70.88
26759	6.11	-8.70	-13.00	119.22	-64.94	-137.60	196.99	-11.69	-78.30
26760	5.00	-8.70	-13.00	129.28	-76.98	-137.31	176.59	-7.68	-84.30
26761	3.89	-8.70	-13.00	138.79	-86.81	-136.72	155.50	-4.04	-88.97
26762	2.78	-8.70	-13.00	147.73	-94.55	-135.88	133.92	-0.68	-92.34
26763	1.67	-8.70	-13.00	156.08	-100.33	-134.81	112.09	2.51	-94.48
26764	0.56	-8.70	-13.00	163.89	-104.16	-133.52	90.27	5.60	-95.45
26765	17.50	-8.10	-14.33	-19.21	260.61	-184.42	451.24	-20.34	85.03
26766	16.37	-8.10	-14.33	-7.58	227.72	-179.90	446.00	-15.01	92.50
26767	15.24	-8.10	-14.33	5.88	196.18	-175.93	435.96	-12.71	93.90
26768	14.11	-8.10	-14.33	20.52	163.04	-173.10	416.99	-12.53	92.35
26769	12.98	-8.10	-14.33	38.01	121.55	-171.95	393.93	-12.65	86.40
26770	11.85	-8.10	-14.33	56.58	75.55	-171.97	371.81	-11.63	78.04
26771	10.73	-8.10	-14.33	74.47	31.87	-172.25	350.94	-9.55	69.63
26772	9.60	-8.10	-14.33	91.15	-5.89	-172.30	329.69	-7.04	62.42
26773	8.47	-8.10	-14.33	106.83	-37.33	-171.98	306.76	-4.74	56.66
26774	7.34	-8.10	-14.33	121.88	-63.42	-171.36	281.90	-2.81	52.02
26775	6.21	-8.10	-14.33	136.31	-85.03	-170.55	255.39	-1.18	48.26
26776	5.08	-8.10	-14.33	150.03	-102.74	-169.59	227.61	0.23	45.25
26777	3.95	-8.10	-14.33	162.98	-116.94	-168.49	198.88	1.46	42.94
26778	2.82	-8.10	-14.33	175.09	-127.93	-167.28	169.53	2.58	41.26
26779	1.69	-8.10	-14.33	186.38	-135.96	-165.97	139.88	3.63	40.18
26780	0.56	-8.10	-14.33	196.89	-141.12	-164.57	110.28	4.67	39.67
26781	17.23	-8.70	-14.33	-20.08	186.20	-163.62	423.85	-22.46	86.13
26782	16.11	-8.70	-14.33	-12.58	155.39	-158.87	420.63	-16.21	96.51
26783	15.00	-8.70	-14.33	-3.91	130.25	-153.97	411.03	-14.14	101.66
26784	13.89	-8.70	-14.33	7.02	98.70	-150.78	388.87	-15.42	101.22
26785	12.78	-8.70	-14.33	21.63	50.50	-150.51	365.52	-16.30	92.97
26786	11.67	-8.70	-14.33	36.71	-2.54	-151.60	345.44	-15.23	81.89
26787	10.56	-8.70	-14.33	51.26	-51.39	-152.61	327.51	-12.53	71.33
26788	9.45	-8.70	-14.33	64.50	-92.16	-153.02	309.13	-9.40	62.94
26789	8.34	-8.70	-14.33	77.33	-125.46	-152.84	288.44	-6.77	56.56
26790	7.22	-8.70	-14.33	90.07	-153.12	-152.30	265.60	-4.59	51.42
26791	6.11	-8.70	-14.33	102.62	-176.08	-151.52	241.05	-2.74	47.26
26792	5.00	-8.70	-14.33	114.83	-194.92	-150.56	215.18	-1.10	43.95
26793	3.89	-8.70	-14.33	126.57	-210.04	-149.47	188.32	0.37	41.39
26794	2.78	-8.70	-14.33	137.79	-221.74	-148.27	160.80	1.73	39.55
26795	1.67	-8.70	-14.33	148.48	-230.29	-146.97	132.92	3.01	38.37
26796	0.56	-8.70	-14.33	158.69	-235.81	-145.59	105.04	4.24	37.74
26797	-0.56	-8.10	-11.67	181.23	-20.42	-130.13	61.18	9.88	-195.79
26798	-1.69	-8.10	-11.67	185.10	-20.86	-128.17	43.67	13.31	-193.55
26799	-2.82	-8.10	-11.67	188.16	-20.21	-125.98	26.62	16.84	-189.64
26800	-3.95	-8.10	-11.67	190.49	-18.46	-123.63	10.14	20.46	-184.11
26801	-5.08	-8.10	-11.67	192.14	-15.68	-121.21	-5.66	24.16	-177.02
26802	-6.21	-8.10	-11.67	193.16	-11.90	-118.85	-20.65	27.82	-168.40
26803	-7.34	-8.10	-11.67	193.53	-7.18	-116.65	-34.74	31.28	-158.29
26804	-8.47	-8.10	-11.67	193.17	-1.54	-114.73	-47.90	34.23	-146.69
26805	-9.60	-8.10	-11.67	191.93	4.92	-113.21	-60.21	36.20	-133.61
26806	-10.73	-8.10	-11.67	189.68	12.01	-112.32	-71.82	36.45	-119.15
26807	-11.85	-8.10	-11.67	186.43	19.48	-112.48	-82.96	34.01	-103.79
26808	-12.98	-8.10	-11.67	182.47	26.68	-114.40	-93.75	28.35	-88.31
26809	-14.11	-8.10	-11.67	178.10	33.16	-118.66	-103.56	19.57	-73.43
26810	-15.24	-8.10	-11.67	172.99	39.23	-124.96	-111.30	8.64	-59.44
26811	-16.37	-8.10	-11.67	166.04	45.48	-131.86	-116.15	-2.91	-45.54
26812	-17.50	-8.10	-11.67	155.88	52.39	-137.42	-117.85	-14.48	-30.69
26813	-0.56	-8.70	-11.67	161.55	-47.74	-101.34	58.84	9.85	-183.21
26814	-1.67	-8.70	-11.67	165.48	-48.13	-99.51	42.25	14.17	-180.98
26815	-2.78	-8.70	-11.67	168.81	-47.35	-97.44	26.04	18.53	-177.16
26816	-3.89	-8.70	-11.67	171.57	-45.42	-95.22	10.33	22.95	-171.78
26817	-5.00	-8.70	-11.67	173.81	-42.40	-92.93	-4.74	27.39	-164.89
26818	-6.11	-8.70	-11.67	175.56	-38.35	-90.70	-19.08	31.76	-156.55
26819	-7.22	-8.70	-11.67	176.81	-33.30	-88.63	-32.59	35.90	-146.79
26820	-8.34	-8.70	-11.67	177.48	-27.32	-86.81	-45.21	39.56	-135.63
26821	-9.45	-8.70	-11.67	177.41	-20.44	-85.35	-56.98	42.32	-123.11
26822	-10.56	-8.70	-11.67	176.39	-12.95	-84.42	-68.09	43.56	-109.20
26823	-11.67	-8.70	-11.67	174.36	-4.93	-84.40	-78.71	42.13	-94.34
26824	-12.78	-8.70	-11.67	171.77	3.07	-86.01	-89.05	37.41	-79.54
26825	-13.89	-8.70	-11.67	168.61	10.47	-90.14	-98.59	29.77	-65.08
26826	-15.00	-8.70	-11.67	164.90	17.75	-96.64	-106.32	19.31	-51.80
26827	-16.11	-8.70	-11.67	159.86	25.15	-104.11	-111.41	8.45	-39.04
26828	-17.23	-8.70	-11.67	151.63	33.39	-110.60	-113.43	-2.44	-25.24
26829	-0.56	-8.10	-13.00	195.25	-76.52	-153.80	71.07	8.92	-103.98



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]
26830	-1.69	-8.10	-13.00	201.77	-76.75	-151.97	48.55	11.64	-102.34
26831	-2.82	-8.10	-13.00	207.63	-75.21	-149.93	26.60	14.43	-99.43
26832	-3.95	-8.10	-13.00	212.95	-71.93	-147.71	5.37	17.32	-95.31
26833	-5.08	-8.10	-13.00	217.81	-66.94	-145.35	-14.97	20.30	-90.01
26834	-6.21	-8.10	-13.00	222.26	-60.25	-142.89	-34.25	23.31	-83.52
26835	-7.34	-8.10	-13.00	226.26	-51.85	-140.33	-52.31	26.25	-75.81
26836	-8.47	-8.10	-13.00	229.64	-41.67	-137.64	-69.04	28.94	-66.80
26837	-9.60	-8.10	-13.00	232.00	-29.61	-134.76	-84.46	31.05	-56.27
26838	-10.73	-8.10	-13.00	232.74	-15.67	-131.64	-98.92	31.87	-44.05
26839	-11.85	-8.10	-13.00	231.37	-0.35	-128.58	-113.28	30.19	-30.60
26840	-12.98	-8.10	-13.00	228.16	14.25	-126.56	-128.45	25.10	-17.43
26841	-14.11	-8.10	-13.00	224.03	25.59	-126.92	-143.50	16.71	-6.65
26842	-15.24	-8.10	-13.00	219.02	33.27	-130.30	-155.75	6.82	0.51
26843	-16.37	-8.10	-13.00	211.56	39.14	-135.52	-162.96	-1.98	5.34
26844	-17.50	-8.10	-13.00	199.35	47.27	-140.20	-163.83	-9.34	10.84
26845	-0.56	-8.70	-13.00	171.17	-106.14	-132.02	68.59	8.91	-95.19
26846	-1.67	-8.70	-13.00	177.73	-106.42	-130.31	47.31	12.23	-93.59
26847	-2.78	-8.70	-13.00	183.85	-104.87	-128.39	26.51	15.58	-90.78
26848	-3.89	-8.70	-13.00	189.62	-101.52	-126.29	6.34	19.00	-86.81
26849	-5.00	-8.70	-13.00	195.10	-96.44	-124.06	-13.00	22.49	-81.71
26850	-6.11	-8.70	-13.00	200.34	-89.64	-121.71	-31.36	25.98	-75.47
26851	-7.22	-8.70	-13.00	205.29	-81.14	-119.25	-48.59	29.39	-68.10
26852	-8.34	-8.70	-13.00	209.85	-70.91	-116.63	-64.54	32.59	-59.50
26853	-9.45	-8.70	-13.00	213.62	-58.80	-113.71	-79.17	35.35	-49.48
26854	-10.56	-8.70	-13.00	215.94	-44.87	-110.26	-92.79	37.16	-37.62
26855	-11.67	-8.70	-13.00	216.13	-29.12	-106.37	-106.16	36.50	-24.12
26856	-12.78	-8.70	-13.00	214.48	-13.39	-103.17	-120.68	32.13	-10.73
26857	-13.89	-8.70	-13.00	211.70	-0.86	-102.75	-135.93	24.15	0.34
26858	-15.00	-8.70	-13.00	208.79	8.66	-106.47	-148.82	13.73	6.89
26859	-16.11	-8.70	-13.00	204.39	16.61	-112.84	-156.83	5.31	10.37
26860	-17.23	-8.70	-13.00	194.87	26.61	-118.40	-158.12	-1.14	14.79
26861	-0.56	-8.10	-14.33	206.68	-143.50	-163.05	80.94	5.81	39.81
26862	-1.69	-8.10	-14.33	215.88	-143.14	-161.42	52.12	6.99	40.64
26863	-2.82	-8.10	-14.33	224.61	-140.03	-159.69	24.00	8.18	42.09
26864	-3.95	-8.10	-14.33	233.06	-134.21	-157.87	-3.21	9.43	44.09
26865	-5.08	-8.10	-14.33	241.38	-125.69	-155.97	-29.25	10.73	46.66
26866	-6.21	-8.10	-14.33	249.67	-114.41	-153.99	-53.90	12.09	49.80
26867	-7.34	-8.10	-14.33	257.94	-100.22	-151.91	-76.94	13.47	53.57
26868	-8.47	-8.10	-14.33	266.08	-82.85	-149.69	-98.17	14.84	58.08
26869	-9.60	-8.10	-14.33	273.68	-61.78	-147.26	-117.49	16.13	63.55
26870	-10.73	-8.10	-14.33	279.80	-36.44	-144.52	-135.31	17.01	70.35
26871	-11.85	-8.10	-14.33	283.32	-7.58	-141.59	-153.14	16.66	78.22
26872	-12.98	-8.10	-14.33	283.65	20.58	-138.99	-173.06	14.29	85.97
26873	-14.11	-8.10	-14.33	281.56	40.33	-137.58	-194.95	9.58	91.14
26874	-15.24	-8.10	-14.33	277.50	47.34	-137.83	-213.69	4.02	91.71
26875	-16.37	-8.10	-14.33	268.57	47.91	-139.11	-224.61	-0.22	89.51
26876	-17.50	-8.10	-14.33	254.33	44.73	-140.88	-231.61	-2.48	81.88
26877	-0.56	-8.70	-14.33	168.55	-238.28	-144.09	77.47	5.69	37.83
26878	-1.67	-8.70	-14.33	177.87	-237.65	-142.50	50.39	7.13	38.78
26879	-2.78	-8.70	-14.33	187.00	-233.98	-140.81	23.86	8.55	40.41
26880	-3.89	-8.70	-14.33	196.09	-227.39	-139.04	-1.83	10.02	42.65
26881	-5.00	-8.70	-14.33	205.27	-217.89	-137.17	-26.44	11.54	45.51
26882	-6.11	-8.70	-14.33	214.63	-205.41	-135.21	-49.73	13.11	49.02
26883	-7.22	-8.70	-14.33	224.21	-189.77	-133.13	-71.47	14.71	53.25
26884	-8.34	-8.70	-14.33	233.96	-170.69	-130.87	-91.42	16.33	58.32
26885	-9.45	-8.70	-14.33	243.58	-147.52	-128.31	-109.33	18.00	64.48
26886	-10.56	-8.70	-14.33	252.19	-118.88	-125.21	-125.27	19.67	72.58
26887	-11.67	-8.70	-14.33	258.28	-84.38	-121.55	-141.11	20.12	82.74
26888	-12.78	-8.70	-14.33	261.08	-48.17	-117.86	-159.91	18.13	93.37
26889	-13.89	-8.70	-14.33	260.67	-20.55	-115.63	-183.58	13.06	101.31
26890	-15.00	-8.70	-14.33	259.69	-13.91	-116.31	-207.07	5.93	100.84
26891	-16.11	-8.70	-14.33	254.77	-18.07	-118.69	-219.12	1.83	94.90
26892	-17.23	-8.70	-14.33	244.21	-21.35	-120.89	-225.99	0.88	84.59
26893	-22.14	-8.10	-11.67	20.20	115.13	-152.62	-48.85	-50.85	119.31
26894	-21.91	-8.70	-11.67	21.99	105.68	-133.50	-48.66	-51.66	117.40
26895	-21.23	-8.10	-11.67	45.16	103.18	-133.96	-72.80	-54.89	82.43
26896	-20.99	-8.70	-11.67	46.86	91.90	-114.10	-72.16	-51.50	81.56
26897	-20.33	-8.10	-11.67	78.11	89.40	-133.70	-92.65	-50.41	48.41
26898	-20.07	-8.70	-11.67	79.32	76.12	-112.21	-91.06	-43.29	48.83
26899	-19.42	-8.10	-11.67	110.46	75.26	-138.45	-107.34	-41.17	17.22
26900	-19.16	-8.70	-11.67	110.42	60.09	-115.10	-104.69	-31.22	19.34
26901	-18.52	-8.10	-11.67	137.96	62.15	-140.12	-115.80	-27.64	-10.38
26902	-18.24	-8.70	-11.67	135.96	44.92	-114.81	-112.14	-16.03	-6.43
26903	-22.14	-8.10	-13.00	25.11	132.99	-159.98	-60.86	-40.16	112.45
26904	-21.91	-8.70	-13.00	28.18	129.16	-142.00	-60.25	-42.39	110.87
26905	-21.23	-8.10	-13.00	62.09	118.80	-135.40	-91.44	-33.02	83.20
26906	-20.99	-8.70	-13.00	64.73	107.67	-116.06	-91.15	-31.24	81.77
26907	-20.33	-8.10	-13.00	104.28	97.73	-136.28	-122.14	-29.58	56.72
26908	-20.07	-8.70	-13.00	106.58	85.14	-116.17	-120.30	-24.90	56.40
26909	-19.42	-8.10	-13.00	142.87	78.50	-140.32	-144.53	-24.47	36.56
26910	-19.16	-8.70	-13.00	143.58	62.53	-119.43	-141.17	-17.56	37.61
26911	-18.52	-8.10	-13.00	177.12	60.25	-142.18	-158.93	-16.58	20.72
26912	-18.24	-8.70	-13.00	175.42	41.31	-120.79	-154.25	-8.44	23.32
26913	-22.14	-8.10	-14.33	40.28	187.38	-144.64	-48.49	-19.04	127.60
26914	-21.91	-8.70	-14.33	37.20	125.30	-127.60	-50.39	-22.19	121.41
26915	-21.23	-8.10	-14.33	94.35	135.26	-133.72	-120.18	-5.85	85.40
26916	-20.99	-8.70	-14.33	93.94	89.79	-113.22	-121.10	-5.66	81.64
26917	-20.33	-8.10	-14.33	138.04	109.58	-136.17	-163.54	-8.52	78.14
26918	-20.07	-8.70	-14.33	137.84	59.57	-115.69	-161.14	-6.79	75.46
26919	-19.42	-8.10	-14.33	182.53	83.57	-138.81	-194.79	-6.79	70.27
26920	-19.16	-8.70	-14.33	180.17	31.17	-117.89	-190.83	-4.05	68.67
26921	-18.52	-8.10	-14.33	224.16	56.66	-141.11	-221.54	-3.86	71.01
26922	-18.24	-8.70	-14.33	218.00	-2.03	-120.49	-216.46	-0.26	71.40
26923	11.67	-9.50	-11.67	61.44	17.29	-63.30	215.23	-65.10	-78.88
26924	12.71	-9.45	-11.67	54.29	36.01	-66.68	226.65	-72.38	-65.68
26925	13.75	-9.40	-11.67	47.89	55.62	-72.47	236.96	-79.66	-53.25
26926	11.86	-10.51	-11.67	46.38	-12.69	-17.51	196.85	-80.32	-51.74
26927	12.77	-10.36	-11.67	43.87	7.73	-26.93	207.61	-86.45	-44.56
26928	13.67	-10.20	-11.67	41.48	28.96	-38.06	217.90	-91.71	-37.82

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]
26929	12.05	-11.51	-11.67	35.26	-38.57	26.60	177.06	-93.20	-22.49
26930	12.82	-11.26	-11.67	36.19	-17.78	11.36	187.91	-98.40	-21.60
26931	13.59	-10.99	-11.67	36.94	4.34	-4.61	198.29	-102.63	-19.93
26932	0.56	-9.90	-11.67	119.97	-94.48	-40.94	69.25	3.82	-150.93
26933	1.69	-9.89	-11.67	115.06	-91.13	-42.55	85.08	-1.94	-150.10
26934	2.81	-9.87	-11.67	109.99	-86.07	-44.33	100.93	-7.80	-147.81
26935	3.93	-9.85	-11.67	104.75	-79.27	-46.26	116.68	-13.82	-144.08
26936	5.05	-9.82	-11.67	99.32	-70.70	-48.33	132.19	-20.08	-138.91
26937	6.17	-9.78	-11.67	93.69	-60.37	-50.54	147.34	-26.65	-132.31
26938	7.28	-9.74	-11.67	87.85	-48.26	-52.88	162.04	-33.64	-124.28
26939	8.39	-9.69	-11.67	81.76	-34.36	-55.35	176.20	-41.10	-114.82
26940	9.50	-9.63	-11.67	75.36	-18.69	-57.94	189.80	-49.02	-103.94
26941	10.60	-9.56	-11.67	68.55	-1.33	-60.71	202.94	-57.21	-91.86
26942	0.58	-11.69	-11.67	71.35	-154.71	57.74	59.36	1.50	-94.86
26943	1.75	-11.67	-11.67	67.20	-150.78	55.24	73.30	-7.06	-94.47
26944	2.91	-11.62	-11.67	63.64	-144.48	51.50	87.35	-15.59	-93.10
26945	4.07	-11.55	-11.67	60.61	-135.80	46.57	101.46	-24.07	-90.77
26946	5.22	-11.46	-11.67	58.04	-124.73	40.45	115.54	-32.48	-87.51
26947	6.37	-11.35	-11.67	55.85	-111.30	33.14	129.54	-40.81	-83.35
26948	7.51	-11.21	-11.67	53.95	-95.55	24.64	143.41	-49.07	-78.34
26949	8.64	-11.06	-11.67	52.26	-77.50	14.98	157.13	-57.27	-72.53
26950	9.75	-10.88	-11.67	50.62	-57.22	4.29	170.80	-65.39	-66.02
26951	10.86	-10.68	-11.67	48.81	-34.83	-7.23	184.59	-73.26	-59.02
26952	0.60	-13.49	-11.67	31.74	-194.37	157.40	49.25	-0.46	-30.42
26953	1.81	-13.45	-11.67	28.35	-190.42	153.90	60.82	-11.79	-30.58
26954	3.02	-13.37	-11.67	26.16	-183.82	148.10	72.64	-22.97	-30.47
26955	4.21	-13.26	-11.67	25.08	-174.55	140.01	84.71	-33.84	-30.08
26956	5.40	-13.10	-11.67	24.98	-162.61	129.64	97.03	-44.28	-29.42
26957	6.58	-12.91	-11.67	25.71	-148.01	117.00	109.61	-54.16	-28.52
26958	7.74	-12.69	-11.67	27.12	-130.74	102.08	122.49	-63.41	-27.38
26959	8.88	-12.43	-11.67	29.06	-110.80	84.91	135.71	-72.00	-26.04
26960	10.01	-12.13	-11.67	31.35	-88.12	65.65	149.49	-79.98	-24.60
26961	11.11	-11.80	-11.67	33.58	-62.69	44.77	164.07	-87.28	-23.43
26962	0.63	-15.29	-11.67	0.68	-210.90	248.91	39.28	-2.08	42.31
26963	1.88	-15.23	-11.67	-1.93	-207.39	244.46	48.02	-16.00	41.41
26964	3.12	-15.12	-11.67	-2.84	-201.36	236.70	57.17	-29.63	39.80
26965	4.36	-14.96	-11.67	-2.19	-192.76	225.66	66.83	-42.68	37.53
26966	5.58	-14.75	-11.67	-0.14	-181.55	211.39	77.08	-54.93	34.64
26967	6.78	-14.48	-11.67	3.09	-167.68	193.92	88.02	-66.15	31.23
26968	7.97	-14.16	-11.67	7.27	-151.09	173.28	99.74	-76.22	27.38
26969	9.13	-13.80	-11.67	12.20	-131.67	149.48	112.39	-85.08	23.21
26970	10.27	-13.38	-11.67	17.66	-109.15	122.67	126.24	-92.90	18.74
26971	11.37	-12.92	-11.67	23.15	-83.12	93.43	141.55	-99.96	13.88
26972	0.65	-17.08	-11.67	-22.40	-204.09	325.81	29.81	-3.32	116.71
26973	1.94	-17.01	-11.67	-24.24	-201.43	320.58	35.31	-19.23	115.02
26974	3.22	-16.87	-11.67	-24.02	-196.80	311.26	41.43	-34.75	111.54
26975	4.50	-16.66	-11.67	-21.88	-190.11	297.91	48.38	-49.51	106.35
26976	5.75	-16.39	-11.67	-18.02	-181.23	280.61	56.33	-63.18	99.60
26977	6.99	-16.04	-11.67	-12.73	-170.00	259.45	65.48	-75.51	91.49
26978	8.20	-15.64	-11.67	-6.30	-156.21	234.50	76.01	-86.34	82.26
26979	9.38	-15.17	-11.67	0.98	-139.58	205.84	88.12	-95.65	72.21
26980	10.52	-14.63	-11.67	8.83	-119.64	173.55	102.12	-103.61	61.53
26981	11.63	-14.04	-11.67	16.71	-95.69	138.08	118.28	-110.70	50.16
26982	0.67	-18.88	-11.67	-38.47	-175.29	383.31	21.18	-4.07	179.19
26983	2.00	-18.79	-11.67	-39.62	-173.80	377.69	23.26	-20.72	177.02
26984	3.33	-18.62	-11.67	-38.44	-171.34	367.61	26.17	-37.04	172.23
26985	4.64	-18.37	-11.67	-35.11	-167.69	353.13	30.24	-52.59	164.95
26986	5.93	-18.03	-11.67	-29.87	-162.59	334.32	35.79	-67.07	155.35
26987	7.20	-17.61	-11.67	-23.04	-155.69	311.28	43.11	-80.20	143.70
26988	8.43	-17.11	-11.67	-14.98	-146.58	284.11	52.45	-91.80	130.29
26989	9.63	-16.54	-11.67	-6.07	-134.76	252.87	64.07	-101.84	115.49
26990	10.78	-15.88	-11.67	3.28	-119.52	217.59	78.30	-110.43	99.59
26991	11.89	-15.16	-11.67	12.59	-99.90	178.49	95.39	-117.98	82.73
26992	16.80	-9.56	-11.67	33.19	115.94	-91.14	247.60	-111.47	-17.82
26993	16.19	-10.65	-11.67	33.99	70.99	-41.31	216.48	-122.54	-8.00
26994	15.51	-11.70	-11.67	33.47	27.81	6.96	187.89	-129.54	7.08
26995	15.78	-9.48	-11.67	38.10	94.23	-83.98	247.68	-99.25	-27.89
26996	15.36	-10.44	-11.67	36.16	57.40	-41.60	220.71	-111.39	-16.86
26997	14.89	-11.36	-11.67	34.11	22.33	-0.49	195.34	-119.99	-2.36
26998	14.77	-9.41	-11.67	42.87	75.18	-78.31	244.81	-88.51	-39.68
26999	14.53	-10.23	-11.67	39.37	45.40	-42.95	223.01	-100.43	-27.95
27000	14.27	-11.03	-11.67	35.62	17.17	-8.72	201.48	-109.59	-13.48
27001	12.91	-14.38	-11.67	20.91	-76.04	137.10	115.25	-124.61	65.09
27002	12.60	-13.43	-11.67	23.54	-70.04	102.92	135.83	-116.57	38.27
27003	12.30	-12.48	-11.67	27.47	-58.52	66.54	156.09	-105.79	8.78
27004	13.85	-13.56	-11.67	26.99	-46.62	94.84	137.26	-129.49	45.93
27005	13.44	-12.81	-11.67	28.28	-42.41	69.56	153.75	-120.68	25.44
27006	13.05	-12.07	-11.67	30.90	-35.28	43.33	169.77	-110.06	2.91
27007	14.73	-12.67	-11.67	30.88	-12.41	51.84	160.98	-131.86	26.17
27008	14.25	-12.15	-11.67	31.16	-11.94	36.14	172.48	-122.82	12.48
27009	13.77	-11.64	-11.67	33.13	-10.18	19.99	183.92	-112.57	-3.15
27010	11.67	-9.50	-13.00	43.62	-2.09	-99.04	262.68	-46.62	-9.53
27011	12.71	-9.45	-13.00	34.51	28.21	-99.01	277.42	-50.80	2.95
27012	13.75	-9.40	-13.00	26.73	58.02	-101.69	292.62	-53.34	12.64
27013	11.86	-10.51	-13.00	24.64	-43.86	-55.27	238.48	-55.80	10.03
27014	12.77	-10.36	-13.00	21.20	-13.65	-61.02	252.99	-59.48	17.99
27015	13.67	-10.20	-13.00	19.01	16.83	-68.41	268.41	-61.29	23.68
27016	12.05	-11.51	-13.00	11.26	-76.77	-13.66	213.17	-61.73	27.80
27017	12.82	-11.26	-13.00	12.89	-48.04	-26.13	227.58	-65.49	30.62
27018	13.59	-10.99	-13.00	14.15	-21.04	-38.92	245.10	-68.36	31.64
27019	0.56	-9.90	-13.00	117.08	-173.73	-78.79	82.74	4.44	-70.91
27020	1.69	-9.89	-13.00	109.83	-168.99	-80.46	102.89	0.39	-70.13
27021	2.81	-9.87	-13.00	102.67	-161.71	-82.38	123.06	-3.73	-68.23
27022	3.93	-9.85	-13.00	95.53	-151.80	-84.54	143.00	-7.98	-65.22
27023	5.05	-9.82	-13.00	88.40	-139.19	-86.89	162.53	-12.43	-61.08
27024	6.17	-9.78	-13.00	81.27	-123.81	-89.41	181.48	-17.15	-55.78
27025	7.28	-9.74	-13.00	74.14	-105.57	-92.05	199.67	-22.22	-49.32
27026	8.39	-9.69	-13.00	67.04	-84.36	-94.71	216.89	-27.77	-41.63
27027	9.50	-9.63	-13.00	59.86	-59.97	-97.15	232.98	-33.93	-32.50

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]
27028	10.60	-9.56	-13.00	52.22	-32.26	-98.87	248.21	-40.58	-21.76
27029	0.58	-11.69	-13.00	58.09	-246.62	13.29	71.49	2.82	-36.89
27030	1.75	-11.67	-13.00	51.66	-241.18	10.75	88.98	-3.13	-36.26
27031	2.91	-11.62	-13.00	46.24	-232.46	7.06	106.58	-9.05	-34.74
27032	4.07	-11.55	-13.00	41.72	-220.43	2.22	124.11	-14.94	-32.34
27033	5.22	-11.46	-13.00	38.01	-205.04	-3.73	141.48	-20.81	-29.04
27034	6.37	-11.35	-13.00	34.99	-186.29	-10.78	158.60	-26.64	-24.85
27035	7.51	-11.21	-13.00	32.54	-164.17	-18.90	175.37	-32.42	-19.80
27036	8.64	-11.06	-13.00	30.60	-138.65	-28.04	191.73	-38.22	-13.87
27037	9.75	-10.88	-13.00	29.03	-109.61	-37.97	207.55	-44.15	-6.84
27038	10.86	-10.68	-13.00	27.41	-76.80	-47.88	223.61	-50.34	1.39
27039	0.60	-13.49	-13.00	11.39	-286.09	104.32	59.93	1.52	3.21
27040	1.81	-13.45	-13.00	5.80	-280.64	100.90	74.13	-6.33	3.51
27041	3.02	-13.37	-13.00	2.00	-271.64	95.49	88.58	-14.04	4.21
27042	4.21	-13.26	-13.00	-0.17	-259.09	88.09	103.21	-21.54	5.32
27043	5.40	-13.10	-13.00	-0.91	-242.98	78.71	118.01	-28.73	6.90
27044	6.58	-12.91	-13.00	-0.45	-223.34	67.36	133.01	-35.50	8.98
27045	7.74	-12.69	-13.00	0.96	-200.22	54.01	148.23	-41.77	11.58
27046	8.88	-12.43	-13.00	3.08	-173.63	38.63	163.68	-47.43	14.77
27047	10.01	-12.13	-13.00	5.80	-143.51	21.18	179.36	-52.56	18.94
27048	11.11	-11.80	-13.00	8.81	-109.42	2.23	196.60	-57.43	23.83
27049	0.63	-15.29	-13.00	-23.70	-295.89	189.09	48.46	0.41	52.25
27050	1.88	-15.23	-13.00	-28.40	-291.07	184.81	58.79	-9.24	52.01
27051	3.12	-15.12	-13.00	-30.74	-282.94	177.76	69.58	-18.66	51.44
27052	4.36	-14.96	-13.00	-30.89	-271.48	167.93	80.88	-27.65	50.59
27053	5.58	-14.75	-13.00	-29.12	-256.70	155.35	92.84	-36.03	49.57
27054	6.78	-14.48	-13.00	-25.77	-238.60	140.02	105.55	-43.63	48.49
27055	7.97	-14.16	-13.00	-21.20	-217.19	121.92	119.14	-50.29	47.49
27056	9.13	-13.80	-13.00	-15.77	-192.46	100.94	133.70	-55.84	46.79
27057	10.27	-13.38	-13.00	-9.57	-164.46	76.80	149.36	-60.31	46.99
27058	11.37	-12.92	-13.00	-2.74	-132.09	49.51	167.53	-64.25	48.17
27059	0.65	-17.08	-13.00	-46.82	-275.95	267.53	37.48	-0.52	103.38
27060	1.94	-17.01	-13.00	-50.70	-272.31	262.46	43.57	-11.58	102.54
27061	3.22	-16.87	-13.00	-51.83	-266.22	253.88	50.38	-22.31	100.56
27062	4.50	-16.66	-13.00	-50.42	-257.59	241.81	58.11	-32.46	97.54
27063	5.75	-16.39	-13.00	-46.75	-246.33	226.28	67.06	-41.78	93.64
27064	6.99	-16.04	-13.00	-41.21	-232.31	207.33	77.46	-50.09	89.05
27065	8.20	-15.64	-13.00	-34.24	-215.38	184.95	89.50	-57.21	84.02
27066	9.38	-15.17	-13.00	-26.23	-195.37	159.06	103.39	-63.03	78.92
27067	10.52	-14.63	-13.00	-17.32	-172.15	129.39	119.38	-67.62	74.44
27068	11.63	-14.04	-13.00	-7.69	-144.62	95.63	138.66	-71.66	70.84
27069	0.67	-18.88	-13.00	-59.12	-229.79	337.51	27.34	-1.21	145.99
27070	2.00	-18.79	-13.00	-62.26	-227.68	331.82	29.13	-12.78	144.77
27071	3.33	-18.62	-13.00	-62.50	-224.46	322.06	31.88	-24.06	141.82
27072	4.64	-18.37	-13.00	-60.02	-219.93	308.25	36.03	-34.77	137.25
27073	5.93	-18.03	-13.00	-55.10	-213.84	290.41	41.97	-44.66	131.23
27074	7.20	-17.61	-13.00	-48.14	-205.82	268.60	50.06	-53.56	123.98
27075	8.43	-17.11	-13.00	-39.61	-195.40	242.87	60.61	-61.33	115.78
27076	9.63	-16.54	-13.00	-29.95	-182.08	213.20	73.93	-67.90	107.05
27077	10.78	-15.88	-13.00	-19.51	-165.32	179.44	90.40	-73.37	98.35
27078	11.89	-15.16	-13.00	-8.54	-143.85	141.38	110.86	-78.30	90.14
27079	16.80	-9.56	-13.00	15.24	137.82	-117.08	306.06	-74.02	25.40
27080	16.19	-10.65	-13.00	16.11	74.95	-68.70	267.32	-82.47	33.64
27081	15.51	-11.70	-13.00	15.56	18.06	-23.49	231.28	-89.76	43.39
27082	15.78	-9.48	-13.00	18.89	109.02	-111.91	308.54	-63.41	23.49
27083	15.36	-10.44	-13.00	16.34	55.35	-71.02	274.11	-72.56	32.25
27084	14.89	-11.36	-13.00	14.74	7.55	-33.64	241.26	-80.71	40.16
27085	14.77	-9.41	-13.00	21.96	84.93	-106.28	304.37	-56.51	20.11
27086	14.53	-10.23	-13.00	17.59	40.02	-71.97	275.77	-64.98	28.78
27087	14.27	-11.03	-13.00	13.27	-1.01	-41.59	245.81	-72.44	34.56
27088	12.91	-14.38	-13.00	1.80	-117.04	100.16	135.95	-83.60	82.19
27089	12.60	-13.43	-13.00	1.41	-114.36	60.90	161.07	-75.91	67.05
27090	12.30	-12.48	-13.00	3.30	-100.44	23.81	186.27	-68.21	48.51
27091	13.85	-13.56	-13.00	9.24	-81.26	57.89	165.31	-88.81	72.23
27092	13.44	-12.81	-13.00	7.96	-79.04	27.97	185.48	-80.21	60.85
27093	13.05	-12.07	-13.00	8.35	-70.02	1.87	204.97	-72.12	46.45
27094	14.73	-12.67	-13.00	13.30	-35.32	16.87	197.16	-92.31	58.52
27095	14.25	-12.15	-13.00	11.52	-37.32	-2.64	211.24	-83.31	51.37
27096	13.77	-11.64	-13.00	11.74	-30.09	-17.33	225.43	-74.84	41.03
27097	11.67	-9.50	-14.33	15.62	-58.84	-118.18	314.50	-18.40	82.71
27098	12.71	-9.45	-14.33	5.38	-1.98	-118.82	332.89	-19.67	97.83
27099	13.75	-9.40	-14.33	-4.75	50.61	-120.94	357.38	-17.84	109.07
27100	11.86	-10.51	-14.33	-5.99	-99.89	-73.04	277.01	-21.54	88.52
27101	12.77	-10.36	-14.33	-9.01	-43.80	-78.20	295.59	-22.94	107.21
27102	13.67	-10.20	-14.33	-13.60	9.92	-84.81	322.76	-20.82	121.03
27103	12.05	-11.51	-14.33	-24.49	-145.49	-30.97	239.69	-20.23	96.66
27104	12.82	-11.26	-14.33	-22.38	-99.81	-42.24	261.19	-21.45	115.26
27105	13.59	-10.99	-14.33	-18.62	-43.61	-52.32	284.99	-21.63	132.17
27106	0.56	-9.90	-14.33	103.93	-309.21	-91.47	96.50	3.18	27.59
27107	1.69	-9.89	-14.33	94.25	-302.98	-93.25	122.21	1.75	28.35
27108	2.81	-9.87	-14.33	84.80	-293.53	-95.39	147.80	0.27	29.82
27109	3.93	-9.85	-14.33	75.51	-280.59	-97.85	173.00	-1.28	32.09
27110	5.05	-9.82	-14.33	66.35	-263.97	-100.62	197.56	-2.92	35.22
27111	6.17	-9.78	-14.33	57.32	-243.44	-103.66	221.21	-4.68	39.27
27112	7.28	-9.74	-14.33	48.48	-218.71	-106.94	243.65	-6.62	44.33
27113	8.39	-9.69	-14.33	39.96	-189.32	-110.38	264.52	-8.83	50.53
27114	9.50	-9.63	-14.33	31.95	-154.40	-113.82	283.32	-11.54	58.20
27115	10.60	-9.56	-14.33	24.25	-111.61	-116.82	299.14	-15.07	68.77
27116	0.58	-11.69	-14.33	35.28	-373.94	-6.86	83.85	2.26	26.02
27117	1.75	-11.67	-14.33	26.50	-366.89	-9.39	106.19	0.09	26.95
27118	2.91	-11.62	-14.33	19.12	-355.80	-13.02	128.32	-2.08	28.41
27119	4.07	-11.55	-14.33	13.00	-340.48	-17.70	150.19	-4.26	30.68
27120	5.22	-11.46	-14.33	8.00	-320.88	-23.42	171.66	-6.43	33.83
27121	6.37	-11.35	-14.33	3.98	-296.94	-30.15	192.54	-8.59	37.94
27122	7.51	-11.21	-14.33	0.80	-268.64	-37.87	212.64	-10.74	43.12
27123	8.64	-11.06	-14.33	-1.66	-235.85	-46.56	231.74	-12.91	49.54
27124	9.75	-10.88	-14.33	-3.33	-198.15	-56.06	249.30	-15.23	57.51
27125	10.86	-10.68	-14.33	-4.03	-153.06	-65.79	263.16	-18.42	70.40
27126	0.60	-13.49	-14.33	-20.77	-414.85	75.39	70.60	1.83	38.27

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]
27127	1.81	-13.45	-14.33	-28.57	-407.79	72.09	88.69	-1.06	39.12
27128	3.02	-13.37	-14.33	-33.94	-396.14	66.99	106.62	-3.90	40.20
27129	4.21	-13.26	-14.33	-37.09	-379.89	60.15	124.56	-6.67	41.89
27130	5.40	-13.10	-14.33	-38.28	-359.07	51.58	142.51	-9.32	44.27
27131	6.58	-12.91	-14.33	-37.85	-333.78	41.30	160.41	-11.80	47.43
27132	7.74	-12.69	-14.33	-36.17	-304.16	29.32	178.20	-14.07	51.53
27133	8.88	-12.43	-14.33	-33.69	-270.38	15.64	195.76	-16.02	56.80
27134	10.01	-12.13	-14.33	-30.86	-232.65	0.20	212.64	-17.47	63.61
27135	11.11	-11.80	-14.33	-27.50	-190.76	-16.77	225.68	-18.84	76.95
27136	0.63	-15.29	-14.33	-61.35	-419.71	155.34	57.51	1.39	56.32
27137	1.88	-15.23	-14.33	-68.14	-413.49	151.26	70.45	-2.26	56.95
27138	3.12	-15.12	-14.33	-71.73	-402.90	144.71	83.49	-5.81	57.48
27139	4.36	-14.96	-14.33	-72.37	-387.98	135.74	96.98	-9.19	58.33
27140	5.58	-14.75	-14.33	-70.43	-368.81	124.35	111.08	-12.32	59.59
27141	6.78	-14.48	-14.33	-66.40	-345.49	110.60	125.92	-15.12	61.39
27142	7.97	-14.16	-14.33	-60.85	-318.21	94.48	141.54	-17.51	63.93
27143	9.13	-13.80	-14.33	-54.46	-287.26	75.98	157.91	-19.32	67.55
27144	10.27	-13.38	-14.33	-48.01	-253.35	54.89	174.66	-20.10	72.78
27145	11.37	-12.92	-14.33	-41.26	-220.22	30.76	189.28	-20.03	85.09
27146	0.65	-17.08	-14.33	-84.86	-382.57	234.04	44.95	0.97	75.95
27147	1.94	-17.01	-14.33	-90.73	-378.05	229.18	52.05	-3.31	76.22
27148	3.22	-16.87	-14.33	-92.94	-370.27	221.19	59.68	-7.44	76.14
27149	4.50	-16.66	-14.33	-91.77	-359.31	210.09	68.37	-11.30	76.04
27150	5.75	-16.39	-14.33	-87.66	-345.13	195.91	78.48	-14.80	76.03
27151	6.99	-16.04	-14.33	-81.17	-327.70	178.69	90.29	-17.84	76.27
27152	8.20	-15.64	-14.33	-72.95	-306.99	158.46	104.03	-20.34	76.99
27153	9.38	-15.17	-14.33	-63.75	-283.15	135.21	119.83	-22.14	78.59
27154	10.52	-14.63	-14.33	-54.24	-256.93	108.76	137.60	-22.93	81.73
27155	11.63	-14.04	-14.33	-44.00	-232.09	78.60	156.94	-22.98	90.02
27156	0.67	-18.88	-14.33	-91.86	-305.99	311.39	33.24	0.65	93.45
27157	2.00	-18.79	-14.33	-96.99	-303.71	305.79	34.28	-3.92	93.34
27158	3.33	-18.62	-14.33	-98.37	-300.24	296.35	36.38	-8.33	92.68
27159	4.64	-18.37	-14.33	-96.23	-295.53	283.11	40.23	-12.45	91.64
27160	5.93	-18.03	-14.33	-91.00	-289.39	266.13	46.40	-16.20	90.34
27161	7.20	-17.61	-14.33	-83.25	-281.45	245.44	55.32	-19.49	88.92
27162	8.43	-17.11	-14.33	-73.64	-271.31	221.12	67.41	-22.26	87.61
27163	9.63	-16.54	-14.33	-62.87	-258.60	193.20	83.03	-24.44	86.74
27164	10.78	-15.88	-14.33	-51.52	-243.37	161.63	102.58	-25.93	86.85
27165	11.89	-15.16	-14.33	-39.36	-227.11	126.20	126.94	-27.11	89.61
27166	16.80	-9.56	-14.33	-14.27	116.20	-127.75	387.73	-24.08	82.46
27167	16.19	-10.65	-14.33	-9.07	45.11	-78.41	344.46	-28.00	82.52
27168	15.51	-11.70	-14.33	-10.68	-39.02	-33.61	303.90	-33.95	90.34
27169	15.78	-9.48	-14.33	-11.69	93.69	-125.86	390.16	-17.51	98.05
27170	15.36	-10.44	-14.33	-10.76	34.34	-82.81	353.93	-21.06	103.39
27171	14.89	-11.36	-14.33	-15.45	-39.75	-44.66	315.57	-27.67	112.75
27172	14.77	-9.41	-14.33	-8.40	78.94	-123.52	384.23	-15.52	109.06
27173	14.53	-10.23	-14.33	-11.36	30.63	-86.75	353.75	-17.95	119.25
27174	14.27	-11.03	-14.33	-13.99	-31.94	-54.06	321.44	-22.36	131.01
27175	12.91	-14.38	-14.33	-27.52	-209.32	87.54	160.50	-29.28	95.38
27176	12.60	-13.43	-14.33	-33.91	-209.77	46.87	184.38	-23.75	103.51
27177	12.30	-12.48	-14.33	-35.16	-192.15	7.10	207.99	-20.35	104.12
27178	13.85	-13.56	-14.33	-18.74	-179.96	47.02	204.16	-32.69	100.53
27179	13.44	-12.81	-14.33	-25.96	-180.14	15.52	221.82	-26.04	115.89
27180	13.05	-12.07	-14.33	-28.82	-159.15	-13.56	236.46	-21.63	120.88
27181	14.73	-12.67	-14.33	-14.26	-127.81	5.98	255.10	-36.16	100.00
27182	14.25	-12.15	-14.33	-20.24	-129.52	-14.89	267.93	-29.53	120.61
27183	13.77	-11.64	-14.33	-22.48	-124.42	-34.89	272.42	-23.66	133.16
27184	0.70	-20.20	-11.67	-48.87	-133.57	419.92	14.11	-4.49	214.34
27185	2.10	-20.10	-11.67	-49.39	-133.20	413.97	13.09	-20.95	212.09
27186	3.49	-19.90	-11.67	-47.28	-132.75	403.42	13.08	-37.18	207.00
27187	4.86	-19.62	-11.67	-42.76	-131.94	388.22	14.53	-52.83	199.07
27188	6.20	-19.23	-11.67	-36.12	-130.31	368.48	17.90	-67.61	188.48
27189	7.52	-18.76	-11.67	-27.74	-127.37	344.29	23.61	-81.25	175.46
27190	8.80	-18.19	-11.67	-18.08	-122.50	315.76	31.98	-93.60	160.26
27191	10.04	-17.54	-11.67	-7.66	-114.93	282.95	43.35	-104.62	143.17
27192	11.23	-16.80	-11.67	2.94	-103.70	245.91	58.04	-114.41	124.44
27193	12.37	-15.98	-11.67	12.95	-87.57	204.73	76.34	-123.19	104.14
27194	13.44	-15.08	-11.67	21.41	-64.65	159.90	98.11	-131.01	82.23
27195	14.46	-14.11	-11.67	27.61	-34.25	112.23	122.56	-137.40	58.69
27196	15.40	-13.08	-11.67	31.50	3.42	62.36	148.99	-140.91	34.75
27197	16.27	-11.98	-11.67	33.15	47.83	9.74	177.76	-140.32	13.96
27198	17.06	-10.82	-11.67	31.61	97.38	-46.19	209.08	-135.81	-1.05
27199	17.76	-9.62	-11.67	25.86	149.39	-103.17	243.90	-127.34	-8.19
27200	0.74	-21.03	-11.67	-56.02	-90.85	442.09	8.73	-4.33	216.62
27201	2.22	-20.93	-11.67	-55.84	-91.36	435.94	5.35	-19.03	214.67
27202	3.69	-20.72	-11.67	-52.77	-92.50	424.70	2.89	-33.77	209.79
27203	5.14	-20.41	-11.67	-47.03	-93.53	408.56	2.10	-48.27	202.23
27204	6.57	-19.99	-11.67	-38.96	-94.02	387.72	3.63	-62.21	192.14
27205	7.96	-19.48	-11.67	-29.03	-93.38	362.32	7.94	-75.34	179.59
27206	9.32	-18.87	-11.67	-17.80	-90.82	332.46	15.44	-87.59	164.69
27207	10.62	-18.17	-11.67	-5.99	-85.34	298.26	26.47	-98.99	147.54
27208	11.88	-17.37	-11.67	5.61	-75.65	259.83	41.30	-109.67	128.17
27209	13.07	-16.49	-11.67	16.06	-60.12	217.32	59.98	-119.79	106.52
27210	14.20	-15.53	-11.67	24.46	-37.09	170.88	82.09	-129.28	82.52
27211	15.26	-14.48	-11.67	30.45	-5.51	120.55	106.87	-137.52	56.70
27212	16.24	-13.37	-11.67	34.15	34.64	65.92	133.80	-143.54	31.22
27213	17.14	-12.19	-11.67	35.03	82.54	6.01	163.20	-146.77	9.88
27214	17.95	-10.95	-11.67	30.49	137.80	-58.39	196.05	-147.11	-3.44
27215	18.68	-9.66	-11.67	15.56	197.30	-122.14	233.83	-143.76	-4.71
27216	0.78	-21.87	-11.67	-62.94	-50.45	460.55	5.00	-2.88	189.48
27217	2.35	-21.76	-11.67	-61.81	-53.21	453.34	-0.08	-13.26	186.68
27218	3.90	-21.54	-11.67	-57.76	-55.93	440.82	-4.73	-24.67	182.06
27219	5.43	-21.20	-11.67	-51.20	-58.33	423.62	-7.49	-36.33	175.79
27220	6.94	-20.76	-11.67	-42.16	-60.29	401.89	-7.57	-47.75	167.58
27221	8.41	-20.20	-11.67	-31.07	-61.23	375.55	-4.56	-58.91	157.15
27222	9.83	-19.55	-11.67	-18.67	-60.22	344.70	1.91	-69.86	144.37
27223	11.20	-18.79	-11.67	-5.77	-56.07	309.50	12.16	-80.70	129.06
27224	12.52	-17.94	-11.67	6.68	-47.28	270.09	26.34	-91.54	111.01
27225	13.77	-17.00	-11.67	17.75	-32.13	226.49	44.32	-102.46	89.89

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]
27226	14.95	-15.97	-11.67	26.79	-8.94	178.49	65.64	-113.30	65.65
27227	16.06	-14.85	-11.67	33.65	23.53	125.30	89.81	-123.61	39.10
27228	17.08	-13.67	-11.67	38.61	65.91	65.51	116.78	-132.77	12.72
27229	18.01	-12.41	-11.67	40.93	118.38	-2.67	146.78	-140.37	-9.08
27230	18.85	-11.08	-11.67	34.09	181.20	-78.35	179.20	-146.74	-20.47
27231	19.60	-9.70	-11.67	2.58	254.01	-153.89	216.64	-151.39	-11.55
27232	0.83	-22.71	-11.67	-71.77	-19.65	484.48	2.99	1.52	134.63
27233	2.47	-22.59	-11.67	-68.02	-23.58	470.69	-3.03	-2.33	128.94
27234	4.11	-22.35	-11.67	-63.43	-27.42	454.55	-9.85	-9.77	124.60
27235	5.72	-21.99	-11.67	-56.72	-30.33	436.06	-14.07	-17.10	120.89
27236	7.30	-21.52	-11.67	-47.06	-32.98	413.44	-15.33	-24.38	116.05
27237	8.85	-20.93	-11.67	-35.08	-34.69	386.17	-13.43	-32.23	109.45
27238	10.35	-20.23	-11.67	-21.63	-34.47	354.34	-8.04	-40.88	100.67
27239	11.79	-19.42	-11.67	-7.61	-31.03	318.14	1.12	-50.48	89.23
27240	13.17	-18.52	-11.67	6.05	-22.81	277.69	14.14	-61.11	74.54
27241	14.48	-17.51	-11.67	18.46	-8.10	232.90	30.83	-72.74	56.00
27242	15.71	-16.41	-11.67	29.09	14.89	183.14	50.88	-85.08	33.33
27243	16.86	-15.22	-11.67	37.91	47.95	126.94	74.13	-97.59	7.19
27244	17.92	-13.96	-11.67	45.07	92.99	61.65	100.90	-109.50	-20.01
27245	18.89	-12.62	-11.67	50.88	152.13	-15.76	131.83	-119.37	-42.80
27246	19.75	-11.21	-11.67	50.14	226.03	-113.58	163.90	-127.31	-54.55
27247	20.51	-9.75	-11.67	-16.97	325.55	-215.51	191.20	-152.76	-40.52
27248	0.87	-23.55	-11.67	-80.68	-3.68	525.64	-0.14	6.78	52.03
27249	2.60	-23.42	-11.67	-74.49	-5.37	500.78	-6.38	12.00	48.56
27250	4.32	-23.17	-11.67	-69.48	-8.49	477.80	-13.19	9.10	46.67
27251	6.01	-22.78	-11.67	-63.15	-11.23	457.43	-17.71	7.01	46.58
27252	7.67	-22.28	-11.67	-52.92	-13.77	433.46	-19.50	4.92	46.13
27253	9.29	-21.65	-11.67	-40.16	-15.50	404.66	-18.37	1.06	44.48
27254	10.86	-20.91	-11.67	-25.65	-15.36	371.27	-13.89	-4.89	40.93
27255	12.37	-20.05	-11.67	-10.26	-12.10	333.43	-5.77	-13.19	34.58
27256	13.81	-19.09	-11.67	5.11	-4.23	291.29	6.06	-23.89	24.43
27257	15.18	-18.02	-11.67	19.57	9.92	244.67	21.47	-36.73	9.49
27258	16.47	-16.85	-11.67	32.53	32.33	192.75	40.26	-51.02	-10.88
27259	17.66	-15.59	-11.67	43.69	65.57	133.48	62.45	-65.54	-36.30
27260	18.76	-14.25	-11.67	53.29	113.33	63.94	88.35	-78.07	-64.48
27261	19.76	-12.83	-11.67	60.25	181.22	-25.23	119.46	-88.18	-89.64
27262	20.65	-11.34	-11.67	73.64	281.28	-142.13	161.34	-76.78	-103.34
27263	21.43	-9.79	-11.67	3.51	444.53	-472.86	200.57	-145.79	-57.25
27264	0.70	-20.20	-13.00	-63.20	-169.57	394.61	18.79	-1.77	169.66
27265	2.10	-20.10	-13.00	-65.73	-168.70	388.45	16.64	-13.28	168.40
27266	3.49	-19.90	-13.00	-65.15	-167.83	377.72	15.77	-24.59	165.26
27267	4.86	-19.62	-13.00	-61.57	-166.79	362.48	16.75	-35.42	160.24
27268	6.20	-19.23	-13.00	-55.32	-165.16	342.77	20.09	-45.63	153.43
27269	7.52	-18.76	-13.00	-46.89	-162.33	318.68	26.24	-55.05	145.05
27270	8.80	-18.19	-13.00	-36.84	-157.52	290.29	35.64	-63.59	135.34
27271	10.04	-17.54	-13.00	-25.76	-149.86	257.66	48.73	-71.23	124.61
27272	11.23	-16.80	-13.00	-14.24	-138.32	220.77	66.07	-78.09	113.24
27273	12.37	-15.98	-13.00	-3.09	-121.40	179.58	88.41	-84.55	101.48
27274	13.44	-15.08	-13.00	6.34	-96.02	134.50	116.15	-90.98	89.04
27275	14.46	-14.11	-13.00	12.82	-59.28	86.74	148.17	-96.99	74.64
27276	15.40	-13.08	-13.00	16.26	-10.25	38.01	182.21	-100.34	57.76
27277	16.27	-11.98	-13.00	17.56	48.10	-11.74	217.62	-98.96	42.22
27278	17.06	-10.82	-13.00	15.46	112.03	-65.78	255.66	-94.32	32.46
27279	17.76	-9.62	-13.00	8.95	182.56	-121.67	297.95	-88.48	26.71
27280	0.74	-21.03	-13.00	-62.82	-110.49	441.87	11.88	-1.93	170.09
27281	2.22	-20.93	-13.00	-64.95	-110.17	434.98	6.58	-12.51	169.12
27282	3.69	-20.72	-13.00	-63.53	-110.58	423.46	2.91	-22.74	166.41
27283	5.14	-20.41	-13.00	-58.75	-111.55	406.82	1.39	-32.78	161.60
27284	6.57	-19.99	-13.00	-51.02	-112.43	385.32	2.62	-42.46	154.98
27285	7.96	-19.48	-13.00	-40.98	-112.40	359.12	7.12	-51.61	146.67
27286	9.32	-18.87	-13.00	-29.35	-110.38	328.35	15.44	-60.19	136.79
27287	10.62	-18.17	-13.00	-16.91	-105.09	293.11	28.10	-68.25	125.48
27288	11.88	-17.37	-13.00	-4.55	-94.92	253.52	45.66	-75.93	112.80
27289	13.07	-16.49	-13.00	6.62	-77.58	209.77	68.46	-83.48	98.70
27290	14.20	-15.53	-13.00	15.39	-50.29	162.18	96.10	-90.90	82.82
27291	15.26	-14.48	-13.00	21.16	-10.94	111.19	127.17	-97.43	65.05
27292	16.24	-13.37	-13.00	24.25	40.30	56.98	160.15	-101.80	46.89
27293	17.14	-12.19	-13.00	24.33	100.97	-1.07	195.21	-103.57	31.96
27294	17.95	-10.95	-13.00	18.24	169.74	-63.89	234.30	-103.88	24.21
27295	18.68	-9.66	-13.00	2.47	247.20	-126.83	279.83	-104.17	23.56
27296	0.78	-21.87	-13.00	-62.15	-56.90	485.29	6.06	-1.96	146.97
27297	2.35	-21.76	-13.00	-63.57	-57.28	479.85	-0.96	-9.05	147.48
27298	3.90	-21.54	-13.00	-61.50	-59.29	467.00	-6.79	-16.74	144.92
27299	5.43	-21.20	-13.00	-55.86	-61.57	448.80	-10.19	-24.73	141.00
27300	6.94	-20.76	-13.00	-47.11	-64.18	425.59	-10.72	-32.57	135.62
27301	8.41	-20.20	-13.00	-35.93	-65.98	397.34	-7.80	-40.28	128.63
27302	9.83	-19.55	-13.00	-23.17	-65.69	364.21	-0.83	-47.90	119.99
27303	11.20	-18.79	-13.00	-9.73	-61.75	326.39	10.72	-55.49	109.63
27304	12.52	-17.94	-13.00	3.37	-52.15	284.05	27.23	-63.17	97.36
27305	13.77	-17.00	-13.00	15.08	-34.48	237.37	48.72	-71.00	82.92
27306	14.95	-15.97	-13.00	24.56	-6.26	186.44	74.61	-78.82	66.14
27307	16.06	-14.85	-13.00	31.62	34.20	131.15	103.95	-86.08	47.57
27308	17.08	-13.67	-13.00	36.31	87.06	71.04	136.10	-92.18	29.17
27309	18.01	-12.41	-13.00	36.98	151.61	5.49	171.08	-97.22	14.35
27310	18.85	-11.08	-13.00	27.06	227.74	-66.17	209.20	-103.35	7.49
27311	19.60	-9.70	-13.00	-4.19	317.56	-135.59	253.90	-115.70	12.39
27312	0.83	-22.71	-13.00	-64.38	-12.50	536.37	5.17	2.74	107.38
27313	2.47	-22.59	-13.00	-64.40	-21.51	524.18	-4.37	-0.21	100.61
27314	4.11	-22.35	-13.00	-62.25	-23.63	507.90	-11.83	-5.39	98.22
27315	5.72	-21.99	-13.00	-56.68	-26.59	488.19	-16.32	-9.79	96.43
27316	7.30	-21.52	-13.00	-47.41	-29.68	463.24	-17.87	-14.21	93.69
27317	8.85	-20.93	-13.00	-35.63	-31.99	432.85	-16.13	-19.24	89.67
27318	10.35	-20.23	-13.00	-22.11	-32.16	397.32	-10.46	-24.93	84.18
27319	11.79	-19.42	-13.00	-7.74	-28.54	356.82	-0.36	-31.40	76.87
27320	13.17	-18.52	-13.00	6.52	-19.08	311.56	14.47	-38.71	67.28
27321	14.48	-17.51	-13.00	19.73	-1.41	261.66	34.00	-46.82	54.93
27322	15.71	-16.41	-13.00	31.25	26.90	207.01	57.87	-55.43	39.62
27323	16.86	-15.22	-13.00	40.86	67.95	147.11	85.61	-63.98	21.90
27324	17.92	-13.96	-13.00	48.35	123.35	81.11	117.00	-71.73	3.66

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]
27325	18.89	-12.62	-13.00	51.99	193.74	7.71	151.11	-77.78	-11.78
27326	19.75	-11.21	-13.00	41.80	280.16	-75.82	184.56	-84.60	-19.07
27327	20.51	-9.75	-13.00	-8.97	386.63	-185.74	219.82	-121.42	-3.42
27328	0.87	-23.55	-13.00	-74.84	0.97	614.27	6.78	19.74	46.25
27329	2.60	-23.42	-13.00	-66.06	-6.36	564.42	-5.18	17.05	30.88
27330	4.32	-23.17	-13.00	-68.93	-9.13	540.71	-13.81	10.19	30.49
27331	6.01	-22.78	-13.00	-62.96	-11.47	520.74	-17.93	11.58	31.91
27332	7.67	-22.28	-13.00	-53.29	-14.17	493.57	-19.88	11.51	32.75
27333	9.29	-21.65	-13.00	-40.73	-15.95	461.18	-18.74	10.10	33.04
27334	10.86	-20.91	-13.00	-26.02	-15.67	423.28	-13.93	6.91	32.12
27335	12.37	-20.05	-13.00	-9.90	-11.75	380.21	-4.94	1.75	29.32
27336	13.81	-19.09	-13.00	6.73	-2.27	332.17	8.58	-5.44	23.84
27337	15.18	-18.02	-13.00	22.94	15.09	279.30	26.70	-14.43	14.92
27338	16.47	-16.85	-13.00	37.91	42.95	221.41	49.27	-24.64	2.08
27339	17.66	-15.59	-13.00	51.08	84.34	157.98	76.05	-34.93	-14.32
27340	18.76	-14.25	-13.00	61.57	142.63	87.71	106.57	-44.00	-32.58
27341	19.76	-12.83	-13.00	69.16	221.07	8.57	140.14	-47.81	-47.82
27342	20.65	-11.34	-13.00	62.98	320.32	-94.94	169.57	-44.82	-45.81
27343	21.43	-9.79	-13.00	34.81	440.87	-275.77	179.38	-60.55	0.23
27344	0.70	-20.20	-14.33	-87.54	-214.38	380.74	23.00	0.33	103.16
27345	2.10	-20.10	-14.33	-92.05	-213.54	374.35	18.48	-4.28	102.84
27346	3.49	-19.90	-14.33	-92.60	-213.15	363.61	15.59	-8.80	101.88
27347	4.86	-19.62	-14.33	-89.33	-213.19	348.46	15.19	-13.10	100.28
27348	6.20	-19.23	-14.33	-82.68	-213.26	328.98	17.89	-17.14	98.08
27349	7.52	-18.76	-14.33	-73.29	-212.57	305.27	24.25	-20.86	95.38
27350	8.80	-18.19	-14.33	-61.97	-210.09	277.41	34.82	-24.23	92.34
27351	10.04	-17.54	-14.33	-49.52	-204.78	245.51	50.17	-27.24	89.15
27352	11.23	-16.80	-14.33	-36.67	-195.64	209.64	70.97	-29.95	86.11
27353	12.37	-15.98	-14.33	-24.27	-181.62	169.80	98.57	-32.64	83.63
27354	13.44	-15.08	-14.33	-14.01	-158.37	126.30	134.31	-35.75	81.61
27355	14.46	-14.11	-14.33	-7.46	-119.86	79.80	177.43	-39.28	78.71
27356	15.40	-13.08	-14.33	-4.65	-59.06	31.63	223.93	-41.46	72.78
27357	16.27	-11.98	-14.33	-3.37	22.08	-17.56	268.84	-39.88	64.79
27358	17.06	-10.82	-14.33	-6.46	104.64	-70.74	314.52	-36.16	60.68
27359	17.76	-9.62	-14.33	-18.17	181.77	-127.26	365.60	-33.12	64.96
27360	0.74	-21.03	-14.33	-76.51	-124.05	442.80	14.19	0.16	101.53
27361	2.22	-20.93	-14.33	-80.64	-123.17	436.04	4.68	-4.23	101.36
27362	3.69	-20.72	-14.33	-80.41	-123.51	424.00	-2.28	-8.37	100.54
27363	5.14	-20.41	-14.33	-75.75	-125.56	407.14	-6.08	-12.40	98.82
27364	6.57	-19.99	-14.33	-67.20	-128.64	385.39	-6.35	-16.30	96.28
27365	7.96	-19.48	-14.33	-55.78	-131.36	358.93	-2.52	-19.99	93.09
27366	9.32	-18.87	-14.33	-42.54	-132.12	327.88	6.14	-23.45	89.28
27367	10.62	-18.17	-14.33	-28.48	-129.24	292.38	20.32	-26.71	84.94
27368	11.88	-17.37	-14.33	-14.66	-120.71	252.59	40.71	-29.86	80.13
27369	13.07	-16.49	-14.33	-2.35	-103.55	208.73	67.92	-33.04	74.81
27370	14.20	-15.53	-14.33	7.09	-73.82	161.08	101.68	-36.31	68.69
27371	15.26	-14.48	-14.33	12.91	-27.57	110.09	140.27	-39.27	61.41
27372	16.24	-13.37	-14.33	15.40	35.97	56.07	181.08	-41.08	53.49
27373	17.14	-12.19	-14.33	14.20	111.81	-1.20	223.97	-41.53	47.14
27374	17.95	-10.95	-14.33	5.34	195.00	-62.46	271.88	-41.32	45.58
27375	18.68	-9.66	-14.33	-15.23	278.00	-125.69	327.93	-41.81	53.37
27376	0.78	-21.87	-14.33	-62.88	-42.74	506.09	5.72	-0.11	88.77
27377	2.35	-21.76	-14.33	-67.58	-39.87	497.04	-7.74	-3.42	89.48
27378	3.90	-21.54	-14.33	-67.34	-39.54	484.42	-16.85	-6.24	89.54
27379	5.43	-21.20	-14.33	-61.49	-43.31	465.49	-22.69	-9.53	87.92
27380	6.94	-20.76	-14.33	-51.53	-49.15	441.39	-25.50	-12.62	85.89
27381	8.41	-20.20	-14.33	-38.79	-54.91	412.00	-24.17	-15.70	83.10
27382	9.83	-19.55	-14.33	-24.29	-58.71	377.57	-17.76	-18.72	79.67
27383	11.20	-18.79	-14.33	-9.09	-58.46	338.25	-5.55	-21.71	75.56
27384	12.52	-17.94	-14.33	5.64	-51.54	294.28	12.98	-24.71	70.70
27385	13.77	-17.00	-14.33	18.74	-34.72	245.88	37.96	-27.77	64.97
27386	14.95	-15.97	-14.33	29.33	-4.46	193.32	68.83	-30.82	58.23
27387	16.06	-14.85	-14.33	37.07	41.95	136.81	104.33	-33.62	50.67
27388	17.08	-13.67	-14.33	41.75	105.08	76.45	143.40	-35.94	43.15
27389	18.01	-12.41	-14.33	41.35	184.06	12.34	185.89	-38.10	37.07
27390	18.85	-11.08	-14.33	30.75	276.44	-55.79	232.70	-41.60	35.04
27391	19.60	-9.70	-14.33	6.52	371.98	-127.03	288.93	-51.45	45.73
27392	0.83	-22.71	-14.33	-53.41	8.11	559.37	-3.98	-3.32	61.56
27393	2.47	-22.59	-14.33	-60.29	18.87	562.64	-17.59	0.19	70.30
27394	4.11	-22.35	-14.33	-59.65	19.80	544.53	-24.22	-2.77	67.77
27395	5.72	-21.99	-14.33	-52.41	14.55	524.57	-30.83	-4.02	67.84
27396	7.30	-21.52	-14.33	-41.94	7.53	497.80	-35.20	-5.87	66.63
27397	8.85	-20.93	-14.33	-28.77	0.61	465.46	-35.62	-7.93	64.98
27398	10.35	-20.23	-14.33	-13.73	-4.42	427.54	-31.14	-10.22	62.73
27399	11.79	-19.42	-14.33	2.22	-5.36	384.30	-21.06	-12.77	59.76
27400	13.17	-18.52	-14.33	18.00	0.51	335.97	-4.91	-15.62	55.88
27401	14.48	-17.51	-14.33	32.65	16.40	282.79	17.39	-18.75	50.88
27402	15.71	-16.41	-14.33	45.47	45.73	225.00	45.49	-22.02	44.65
27403	16.86	-15.22	-14.33	56.15	91.56	162.73	78.76	-25.20	37.39
27404	17.92	-13.96	-14.33	64.14	156.10	96.04	116.42	-27.97	29.84
27405	18.89	-12.62	-14.33	67.19	240.61	25.19	157.16	-30.28	22.96
27406	19.75	-11.21	-14.33	60.66	344.31	-51.15	199.24	-35.37	19.06
27407	20.51	-9.75	-14.33	47.70	454.03	-139.75	247.31	-50.91	32.07
27408	0.87	-23.55	-14.33	-46.49	25.77	696.43	-13.22	42.39	58.48
27409	2.60	-23.42	-14.33	-68.29	31.88	599.73	-14.70	3.51	26.86
27410	4.32	-23.17	-14.33	-64.75	32.85	594.88	-19.70	8.66	33.61
27411	6.01	-22.78	-14.33	-58.59	28.32	570.35	-25.73	10.31	34.20
27412	7.67	-22.28	-14.33	-49.32	23.80	541.94	-29.61	11.63	35.57
27413	9.29	-21.65	-14.33	-37.23	19.57	506.88	-30.32	12.14	36.82
27414	10.86	-20.91	-14.33	-22.75	17.24	465.95	-27.01	11.75	37.75
27415	12.37	-20.05	-14.33	-6.54	18.66	419.29	-18.91	10.35	38.04
27416	13.81	-19.09	-14.33	10.61	26.28	367.18	-5.44	7.91	37.32
27417	15.18	-18.02	-14.33	27.82	43.12	309.90	13.74	4.50	35.21
27418	16.47	-16.85	-14.33	44.26	72.71	247.70	38.67	0.39	31.46
27419	17.66	-15.59	-14.33	59.12	119.02	180.74	69.09	-3.96	26.08
27420	18.76	-14.25	-14.33	71.43	186.19	109.10	104.26	-7.78	19.70
27421	19.76	-12.83	-14.33	78.65	277.29	33.19	141.44	-9.77	13.76
27422	20.65	-11.34	-14.33	77.57	388.20	-52.43	172.99	-8.88	14.08
27423	21.43	-9.79	-14.33	70.60	493.08	-158.29	194.52	-2.47	48.88

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]
27424	-11.69	-9.49	-14.33	234.74	-141.78	-88.91	-127.89	21.89	84.28
27425	-12.72	-9.44	-14.33	240.02	-100.23	-86.89	-145.19	20.50	99.11
27426	-13.76	-9.39	-14.33	241.87	-65.51	-86.36	-169.93	15.19	110.23
27427	-11.91	-10.47	-14.33	211.01	-184.90	-44.62	-112.18	23.02	90.69
27428	-12.81	-10.33	-14.33	219.92	-142.62	-47.25	-129.07	22.44	109.26
27429	-13.70	-10.18	-14.33	224.55	-104.40	-51.31	-154.96	17.66	122.73
27430	-12.11	-11.46	-14.33	187.36	-230.87	-2.66	-96.62	20.24	98.66
27431	-12.88	-11.21	-14.33	198.79	-197.50	-11.72	-115.47	20.20	117.53
27432	-13.63	-10.96	-14.33	210.20	-154.52	-19.51	-136.04	18.21	134.35
27433	-0.57	-9.89	-14.33	114.09	-312.12	-90.24	71.19	4.57	27.65
27434	-1.70	-9.88	-14.33	124.81	-311.22	-89.45	46.22	6.26	28.73
27435	-2.84	-9.86	-14.33	135.88	-306.73	-88.88	21.71	7.94	30.70
27436	-3.96	-9.83	-14.33	147.41	-298.96	-88.56	-2.01	9.63	33.42
27437	-5.08	-9.80	-14.33	159.44	-288.03	-88.49	-24.70	11.32	36.90
27438	-6.20	-9.76	-14.33	171.96	-273.96	-88.67	-46.15	13.00	41.18
27439	-7.31	-9.71	-14.33	184.92	-256.70	-89.07	-66.17	14.66	46.34
27440	-8.42	-9.66	-14.33	198.25	-236.05	-89.64	-84.52	16.31	52.50
27441	-9.52	-9.60	-14.33	211.75	-211.40	-90.20	-100.82	18.09	59.97
27442	-10.62	-9.54	-14.33	224.70	-180.65	-90.31	-114.31	20.31	70.19
27443	-0.60	-11.68	-14.33	46.20	-376.59	-5.81	61.92	4.47	25.68
27444	-1.80	-11.64	-14.33	59.00	-374.63	-6.18	40.41	6.77	26.52
27445	-2.99	-11.58	-14.33	73.07	-368.42	-7.45	19.07	9.04	28.53
27446	-4.16	-11.50	-14.33	88.41	-358.29	-9.62	-1.67	11.22	31.34
27447	-5.32	-11.40	-14.33	104.92	-344.51	-12.68	-21.59	13.29	34.96
27448	-6.47	-11.28	-14.33	122.40	-327.33	-16.65	-40.55	15.19	39.44
27449	-7.60	-11.15	-14.33	140.58	-306.95	-21.51	-58.40	16.87	44.88
27450	-8.72	-10.99	-14.33	159.14	-283.49	-27.25	-74.97	18.29	51.44
27451	-9.83	-10.82	-14.33	177.85	-256.72	-33.72	-89.77	19.56	59.42
27452	-10.92	-10.63	-14.33	196.46	-224.40	-40.30	-100.63	21.42	72.19
27453	-0.63	-13.48	-14.33	-9.76	-417.14	76.43	53.03	4.77	37.60
27454	-1.88	-13.42	-14.33	4.27	-414.69	75.26	35.91	7.70	37.96
27455	-3.11	-13.32	-14.33	20.56	-407.71	72.45	18.63	10.53	39.43
27456	-4.33	-13.19	-14.33	38.93	-396.52	68.06	1.57	13.16	41.55
27457	-5.53	-13.03	-14.33	59.09	-381.50	62.09	-15.13	15.53	44.35
27458	-6.70	-12.83	-14.33	80.62	-363.03	54.54	-31.39	17.56	47.90
27459	-7.86	-12.61	-14.33	102.99	-341.54	45.42	-47.16	19.12	52.34
27460	-8.99	-12.35	-14.33	125.56	-317.46	34.70	-62.27	20.09	57.90
27461	-10.11	-12.06	-14.33	147.68	-291.25	22.33	-76.25	20.23	64.93
27462	-11.19	-11.74	-14.33	169.39	-262.85	8.62	-85.72	20.06	78.42
27463	-0.65	-15.28	-14.33	-50.66	-421.67	156.52	45.17	5.14	55.53
27464	-1.95	-15.20	-14.33	-36.24	-419.57	154.79	33.20	8.74	55.43
27465	-3.22	-15.07	-14.33	-18.68	-413.39	150.67	20.73	12.15	56.13
27466	-4.47	-14.90	-14.33	1.66	-403.35	144.23	7.92	15.26	57.23
27467	-5.71	-14.67	-14.33	24.30	-389.81	135.51	-5.23	17.94	58.79
27468	-6.91	-14.40	-14.33	48.66	-373.19	124.53	-18.75	20.10	60.92
27469	-8.09	-14.08	-14.33	74.00	-353.97	111.29	-32.63	21.58	63.81
27470	-9.24	-13.72	-14.33	99.47	-332.77	95.75	-46.76	22.20	67.80
27471	-10.36	-13.31	-14.33	124.08	-310.60	77.70	-60.62	21.47	73.44
27472	-11.45	-12.86	-14.33	147.92	-291.53	56.73	-71.59	19.59	86.26
27473	-0.67	-17.07	-14.33	-74.82	-384.22	235.45	38.52	5.37	75.22
27474	-1.99	-16.99	-14.33	-60.71	-383.28	233.34	32.23	9.52	74.75
27475	-3.30	-16.84	-14.33	-42.93	-379.60	228.10	25.07	13.41	74.62
27476	-4.59	-16.62	-14.33	-21.91	-373.24	219.78	16.88	16.89	74.57
27477	-5.85	-16.34	-14.33	1.81	-364.43	208.44	7.45	19.82	74.69
27478	-7.09	-15.99	-14.33	27.52	-353.40	194.11	-3.38	22.08	75.15
27479	-8.29	-15.58	-14.33	54.43	-340.49	176.81	-15.70	23.54	76.18
27480	-9.46	-15.11	-14.33	81.63	-326.16	156.53	-29.49	24.02	78.18
27481	-10.60	-14.58	-14.33	108.28	-311.53	133.06	-44.46	23.18	81.83
27482	-11.69	-14.00	-14.33	134.59	-300.62	105.93	-59.91	21.24	90.78
27483	-0.68	-18.88	-14.33	-82.72	-307.40	313.06	32.88	5.29	92.93
27484	-2.02	-18.79	-14.33	-69.58	-308.11	310.74	32.33	9.69	92.25
27485	-3.36	-18.61	-14.33	-52.64	-308.20	304.52	30.55	13.77	91.38
27486	-4.68	-18.35	-14.33	-32.27	-307.66	294.48	27.02	17.43	90.25
27487	-5.97	-18.01	-14.33	-9.00	-306.46	280.65	21.30	20.53	88.95
27488	-7.23	-17.59	-14.33	16.54	-304.51	263.08	13.07	22.97	87.64
27489	-8.47	-17.09	-14.33	43.56	-301.70	241.82	2.11	24.63	86.57
27490	-9.66	-16.51	-14.33	71.24	-298.06	216.90	-11.72	25.43	86.08
27491	-10.81	-15.87	-14.33	98.83	-294.00	188.25	-28.52	25.24	86.73
27492	-11.91	-15.15	-14.33	126.43	-291.42	155.69	-48.76	24.41	90.27
27493	-16.80	-9.56	-14.33	235.96	-75.25	-85.91	-216.03	4.58	83.04
27494	-16.19	-10.65	-14.33	224.02	-123.92	-38.06	-201.08	11.26	85.06
27495	-15.52	-11.69	-14.33	206.90	-184.55	4.79	-183.46	20.44	93.80
27496	-15.79	-9.48	-14.33	242.74	-69.77	-86.72	-211.54	4.24	97.96
27497	-15.37	-10.42	-14.33	228.27	-115.79	-45.21	-200.04	9.10	104.85
27498	-14.91	-11.34	-14.33	209.19	-174.97	-8.63	-183.26	17.70	115.45
27499	-14.78	-9.40	-14.33	244.65	-59.43	-86.75	-199.85	7.63	109.47
27500	-14.55	-10.21	-14.33	229.62	-101.12	-51.26	-190.21	10.28	120.54
27501	-14.30	-11.00	-14.33	214.87	-155.65	-19.70	-177.76	16.07	133.32
27502	-12.93	-14.37	-14.33	152.47	-289.60	119.68	-76.20	24.08	96.55
27503	-12.65	-13.39	-14.33	158.55	-293.12	76.95	-82.19	19.92	104.61
27504	-12.36	-12.43	-14.33	168.05	-277.09	35.90	-86.50	18.05	105.62
27505	-13.86	-13.54	-14.33	174.36	-279.57	81.44	-111.65	24.90	102.82
27506	-13.48	-12.78	-14.33	177.72	-279.88	47.76	-113.02	20.38	117.80
27507	-13.10	-12.03	-14.33	183.45	-257.40	17.25	-110.58	18.28	122.83
27508	-14.74	-12.66	-14.33	190.89	-249.72	42.52	-151.67	26.08	103.56
27509	-14.28	-12.13	-14.33	193.60	-247.60	19.46	-150.62	21.90	123.40
27510	-13.81	-11.61	-14.33	197.78	-237.82	-2.12	-140.68	18.72	135.53
27511	-11.69	-9.49	-13.00	197.03	-67.89	-74.95	-100.34	41.53	-9.14
27512	-12.72	-9.44	-13.00	198.02	-49.76	-73.43	-113.61	37.75	2.45
27513	-13.76	-9.39	-13.00	198.03	-33.93	-74.71	-127.97	30.45	11.53
27514	-11.91	-10.47	-13.00	175.12	-109.86	-32.75	-94.45	46.19	11.05
27515	-12.81	-10.33	-13.00	179.50	-90.65	-36.81	-106.92	42.87	18.46
27516	-13.70	-10.18	-13.00	183.70	-72.41	-42.63	-120.19	36.55	23.53
27517	-12.11	-11.46	-13.00	156.72	-142.47	7.96	-86.96	48.15	29.20
27518	-12.88	-11.21	-13.00	164.57	-123.38	-2.91	-98.37	46.09	31.96
27519	-13.63	-10.96	-13.00	170.96	-106.89	-14.27	-112.50	41.99	32.64
27520	-0.57	-9.89	-13.00	124.58	-175.76	-77.60	62.72	8.42	-70.60
27521	-1.70	-9.88	-13.00	132.35	-174.96	-76.77	42.87	12.72	-69.25
27522	-2.84	-9.86	-13.00	140.18	-171.61	-76.08	23.54	17.00	-66.80

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]
27523	-3.96	-9.83	-13.00	148.11	-165.89	-75.59	4.82	21.22	-63.27
27524	-5.08	-9.80	-13.00	156.13	-157.91	-75.33	-13.14	25.36	-58.73
27525	-6.20	-9.76	-13.00	164.22	-147.78	-75.33	-30.22	29.34	-53.22
27526	-7.31	-9.71	-13.00	172.29	-135.58	-75.60	-46.28	33.08	-46.78
27527	-8.42	-9.66	-13.00	180.20	-121.38	-76.07	-61.22	36.46	-39.38
27528	-9.52	-9.60	-13.00	187.56	-105.17	-76.50	-74.94	39.38	-30.81
27529	-10.62	-9.54	-13.00	193.59	-86.95	-76.37	-87.82	41.47	-20.93
27530	-0.60	-11.68	-13.00	66.02	-248.45	14.18	53.99	8.79	-36.80
27531	-1.80	-11.64	-13.00	75.34	-246.66	13.52	36.63	14.84	-35.91
27532	-2.99	-11.58	-13.00	85.46	-241.70	11.87	19.68	20.71	-33.94
27533	-4.16	-11.50	-13.00	96.34	-233.70	9.23	3.19	26.30	-31.03
27534	-5.32	-11.40	-13.00	107.88	-222.87	5.54	-12.73	31.49	-27.28
27535	-6.47	-11.28	-13.00	119.92	-209.41	0.78	-28.00	36.13	-22.78
27536	-7.60	-11.15	-13.00	132.25	-193.49	-5.07	-42.56	40.09	-17.61
27537	-8.72	-10.99	-13.00	144.62	-175.27	-11.96	-56.36	43.20	-11.78
27538	-9.83	-10.82	-13.00	156.69	-154.78	-19.66	-69.31	45.43	-5.10
27539	-10.92	-10.63	-13.00	167.62	-131.91	-27.33	-82.21	46.68	2.53
27540	-0.63	-13.48	-13.00	19.24	-287.80	105.14	45.77	9.45	3.07
27541	-1.88	-13.42	-13.00	29.35	-285.81	103.45	31.69	17.30	3.23
27542	-3.11	-13.32	-13.00	41.06	-280.40	99.87	17.85	24.75	4.10
27543	-4.33	-13.19	-13.00	54.17	-271.75	94.43	4.19	31.62	5.58
27544	-5.53	-13.03	-13.00	68.44	-260.12	87.11	-9.25	37.73	7.56
27545	-6.70	-12.83	-13.00	83.57	-245.75	77.87	-22.45	42.85	9.99
27546	-7.86	-12.61	-13.00	99.19	-228.89	66.68	-35.41	46.75	12.87
27547	-8.99	-12.35	-13.00	114.93	-209.76	53.49	-48.14	49.20	16.22
27548	-10.11	-12.06	-13.00	130.50	-188.49	38.32	-60.59	50.10	20.44
27549	-11.19	-11.74	-13.00	145.32	-164.69	21.78	-73.97	49.52	25.11
27550	-0.65	-15.28	-13.00	-16.22	-297.49	190.05	38.29	10.22	51.88
27551	-1.95	-15.20	-13.00	-5.90	-295.86	187.69	28.16	19.76	51.12
27552	-3.22	-15.07	-13.00	6.69	-291.08	182.55	18.00	28.68	50.39
27553	-4.47	-14.90	-13.00	21.27	-283.36	174.68	7.63	36.74	49.65
27554	-5.71	-14.67	-13.00	37.45	-272.90	164.11	-3.03	43.66	48.86
27555	-6.91	-14.40	-13.00	54.83	-259.95	150.84	-14.01	49.18	48.09
27556	-8.09	-14.08	-13.00	72.91	-244.74	134.84	-25.35	53.01	47.47
27557	-9.24	-13.72	-13.00	91.22	-227.49	116.00	-37.09	54.87	47.20
27558	-10.36	-13.31	-13.00	109.50	-208.44	94.08	-49.26	54.64	47.89
27559	-11.45	-12.86	-13.00	127.45	-186.77	69.12	-63.16	52.72	49.60
27560	-0.67	-17.07	-13.00	-39.91	-277.40	268.73	31.73	10.69	102.88
27561	-1.99	-16.99	-13.00	-29.89	-276.62	266.00	25.94	21.49	101.28
27562	-3.30	-16.84	-13.00	-17.13	-273.60	259.66	19.80	31.52	98.86
27563	-4.59	-16.62	-13.00	-1.96	-268.46	249.78	12.95	40.47	95.67
27564	-5.85	-16.34	-13.00	15.20	-261.30	236.42	5.22	48.04	91.78
27565	-7.09	-15.99	-13.00	33.88	-252.22	219.62	-3.53	53.93	87.38
27566	-8.29	-15.58	-13.00	53.53	-241.30	199.38	-13.39	57.89	82.75
27567	-9.46	-15.11	-13.00	73.65	-228.64	175.61	-24.43	59.69	78.28
27568	-10.60	-14.58	-13.00	93.97	-214.33	148.07	-36.74	59.30	74.67
27569	-11.69	-14.00	-13.00	114.21	-197.55	116.46	-51.29	57.26	72.18
27570	-0.68	-18.88	-13.00	-52.90	-231.09	338.97	26.05	10.45	145.41
27571	-2.02	-18.79	-13.00	-43.60	-231.44	336.13	24.61	21.63	143.31
27572	-3.36	-18.61	-13.00	-31.37	-230.91	329.09	22.47	32.00	139.75
27573	-4.68	-18.35	-13.00	-16.48	-229.55	317.88	19.16	41.29	134.78
27574	-5.97	-18.01	-13.00	0.70	-227.28	302.55	14.34	49.21	128.58
27575	-7.23	-17.59	-13.00	19.68	-223.91	283.13	7.79	55.49	121.39
27576	-8.47	-17.09	-13.00	39.93	-219.23	259.66	-0.66	59.93	113.56
27577	-9.66	-16.51	-13.00	60.90	-212.99	232.11	-11.13	62.34	105.54
27578	-10.81	-15.87	-13.00	82.20	-204.94	200.37	-23.79	62.71	97.95
27579	-11.91	-15.15	-13.00	103.45	-194.18	164.20	-39.17	61.54	91.32
27580	-16.80	-9.56	-13.00	187.79	-8.98	-84.27	-148.69	9.96	25.80
27581	-16.19	-10.65	-13.00	176.18	-54.62	-37.54	-134.05	25.66	38.06
27582	-15.52	-11.69	-13.00	164.46	-93.33	5.70	-117.46	40.83	49.52
27583	-15.79	-9.48	-13.00	194.93	-17.21	-81.68	-147.46	14.56	21.98
27584	-15.37	-10.42	-13.00	181.58	-60.04	-42.20	-133.83	27.06	33.83
27585	-14.91	-11.34	-13.00	169.64	-96.09	-6.35	-118.70	39.50	43.83
27586	-14.78	-9.40	-13.00	197.51	-23.40	-77.98	-140.43	21.16	18.34
27587	-14.55	-10.21	-13.00	184.51	-62.20	-44.88	-129.18	29.96	28.79
27588	-14.30	-11.00	-13.00	172.10	-96.42	-15.61	-115.34	38.97	36.33
27589	-12.93	-14.37	-13.00	123.23	-179.64	124.71	-57.39	59.62	84.79
27590	-12.65	-13.39	-13.00	132.26	-178.62	83.66	-67.74	54.87	69.14
27591	-12.36	-12.43	-13.00	142.16	-165.47	45.46	-77.28	50.37	50.19
27592	-13.86	-13.54	-13.00	139.96	-158.33	83.94	-78.09	56.98	76.78
27593	-13.48	-12.78	-13.00	146.90	-155.51	52.32	-85.06	52.52	64.07
27594	-13.10	-12.03	-13.00	153.73	-144.88	25.11	-90.97	48.79	48.53
27595	-14.74	-12.66	-13.00	152.83	-128.63	44.42	-99.00	52.38	64.77
27596	-14.28	-12.13	-13.00	158.08	-127.14	23.29	-102.26	48.51	55.45
27597	-13.81	-11.61	-13.00	163.23	-116.34	7.33	-105.25	45.26	43.34
27598	-11.69	-9.49	-11.67	159.62	-31.83	-48.83	-75.44	49.81	-76.99
27599	-12.72	-9.44	-11.67	159.26	-21.94	-52.87	-84.71	45.66	-65.00
27600	-13.76	-9.39	-11.67	158.39	-12.42	-59.17	-93.23	39.00	-53.43
27601	-11.91	-10.47	-11.67	142.07	-61.09	-5.83	-71.96	58.62	-49.00
27602	-12.81	-10.33	-11.67	144.81	-48.77	-15.24	-80.08	54.72	-42.41
27603	-13.70	-10.18	-11.67	147.00	-36.48	-26.13	-87.58	48.41	-36.25
27604	-12.11	-11.46	-11.67	127.04	-85.74	36.38	-66.71	66.12	-19.22
27605	-12.88	-11.21	-11.67	132.12	-72.15	21.59	-74.16	62.94	-18.22
27606	-13.63	-10.96	-11.67	136.60	-57.81	6.23	-80.78	57.42	-16.70
27607	-0.57	-9.89	-11.67	124.83	-96.00	-39.75	53.53	9.48	-150.43
27608	-1.70	-9.88	-11.67	129.69	-95.62	-38.93	37.93	15.39	-148.65
27609	-2.84	-9.86	-11.67	134.35	-93.56	-38.26	22.76	21.23	-145.49
27610	-3.96	-9.83	-11.67	138.81	-89.98	-37.85	8.09	26.96	-140.97
27611	-5.08	-9.80	-11.67	143.07	-84.96	-37.78	-5.99	32.50	-135.16
27612	-6.20	-9.76	-11.67	147.11	-78.62	-38.17	-19.40	37.72	-128.13
27613	-7.31	-9.71	-11.67	150.88	-71.06	-39.10	-32.05	42.47	-119.97
27614	-8.42	-9.66	-11.67	154.26	-62.39	-40.66	-43.91	46.51	-110.71
27615	-9.52	-9.60	-11.67	157.04	-52.76	-42.84	-55.01	49.47	-100.41
27616	-10.62	-9.54	-11.67	158.93	-42.34	-45.70	-65.54	50.78	-89.29
27617	-0.60	-11.68	-11.67	76.48	-155.95	58.47	45.44	10.07	-94.61
27618	-1.80	-11.64	-11.67	82.49	-154.56	57.49	31.63	18.65	-93.66
27619	-2.99	-11.58	-11.67	88.91	-150.93	55.38	18.16	26.92	-91.61
27620	-4.16	-11.50	-11.67	95.70	-145.17	52.10	5.11	34.72	-88.56
27621	-5.32	-11.40	-11.67	102.80	-137.45	47.55	-7.48	41.91	-84.64



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]
27622	-6.47	-11.28	-11.67	110.09	-127.92	41.64	-19.54	48.27	-79.97
27623	-7.60	-11.15	-11.67	117.45	-116.75	34.32	-31.06	53.58	-74.66
27624	-8.72	-10.99	-11.67	124.72	-104.11	25.56	-42.02	57.60	-68.81
27625	-9.83	-10.82	-11.67	131.63	-90.17	15.51	-52.54	60.02	-62.56
27626	-10.92	-10.63	-11.67	137.76	-75.15	4.36	-62.79	60.37	-56.13
27627	-0.63	-13.48	-11.67	36.73	-195.46	157.90	37.72	10.99	-30.42
27628	-1.88	-13.42	-11.67	43.28	-193.75	155.48	26.29	22.29	-30.46
27629	-3.11	-13.32	-11.67	50.88	-189.52	150.82	15.10	32.95	-29.98
27630	-4.33	-13.19	-11.67	59.42	-182.92	143.90	4.15	42.75	-29.08
27631	-5.53	-13.03	-11.67	68.71	-174.10	134.67	-6.56	51.43	-27.86
27632	-6.70	-12.83	-11.67	78.59	-163.22	123.08	-17.04	58.71	-26.42
27633	-7.86	-12.61	-11.67	88.85	-150.46	109.10	-27.30	64.31	-24.83
27634	-8.99	-12.35	-11.67	99.29	-135.96	92.73	-37.38	67.99	-23.16
27635	-10.11	-12.06	-11.67	109.62	-119.80	74.21	-47.49	69.54	-21.54
27636	-11.19	-11.74	-11.67	119.38	-102.05	54.03	-57.73	68.61	-20.44
27637	-0.65	-15.28	-11.67	5.32	-211.88	249.45	30.71	12.06	42.06
27638	-1.95	-15.20	-11.67	11.99	-210.34	246.08	22.21	25.85	40.83
27639	-3.22	-15.07	-11.67	20.30	-206.41	239.37	13.80	38.71	39.17
27640	-4.47	-14.90	-11.67	30.04	-200.21	229.33	5.37	50.30	37.08
27641	-5.71	-14.67	-11.67	40.98	-191.89	215.99	-3.16	60.29	34.55
27642	-6.91	-14.40	-11.67	52.86	-181.57	199.37	-11.85	68.33	31.61
27643	-8.09	-14.08	-11.67	65.40	-169.36	179.49	-20.76	74.12	28.33
27644	-9.24	-13.72	-11.67	78.35	-155.31	156.39	-29.99	77.43	24.82
27645	-10.36	-13.31	-11.67	91.39	-139.34	130.29	-39.77	78.22	21.08
27646	-11.45	-12.86	-11.67	104.01	-121.27	101.79	-50.24	76.54	17.06
27647	-0.67	-17.07	-11.67	-18.23	-204.96	326.55	24.62	12.81	116.25
27648	-1.99	-16.99	-11.67	-11.73	-204.00	322.76	19.49	28.42	113.87
27649	-3.30	-16.84	-11.67	-3.15	-201.21	314.72	14.22	42.91	109.96
27650	-4.59	-16.62	-11.67	7.30	-196.68	302.52	8.60	55.85	104.59
27651	-5.85	-16.34	-11.67	19.33	-190.46	286.23	2.44	66.85	97.91
27652	-7.09	-15.99	-11.67	32.62	-182.57	265.94	-4.38	75.54	90.14
27653	-8.29	-15.58	-11.67	46.82	-172.98	241.75	-11.99	81.63	81.53
27654	-9.46	-15.11	-11.67	61.61	-161.60	213.73	-20.50	84.93	72.41
27655	-10.60	-14.58	-11.67	76.63	-148.16	182.05	-30.11	85.50	63.03
27656	-11.69	-14.00	-11.67	91.35	-132.17	147.22	-40.97	83.60	53.31
27657	-0.68	-18.88	-11.67	-34.83	-176.05	384.31	19.55	12.69	178.60
27658	-2.02	-18.79	-11.67	-28.73	-175.96	380.65	17.92	28.82	175.53
27659	-3.36	-18.61	-11.67	-20.27	-175.04	372.35	15.91	43.81	170.05
27660	-4.68	-18.35	-11.67	-9.64	-173.29	359.47	13.18	57.26	162.33
27661	-5.97	-18.01	-11.67	2.87	-170.62	342.05	9.43	68.77	152.58
27662	-7.23	-17.59	-11.67	16.90	-166.84	320.18	4.45	77.98	141.13
27663	-8.47	-17.09	-11.67	32.06	-161.72	293.95	-1.94	84.61	128.36
27664	-9.66	-16.51	-11.67	47.95	-154.95	263.41	-9.87	88.46	114.70
27665	-10.81	-15.87	-11.67	64.13	-146.05	228.66	-19.51	89.53	100.52
27666	-11.91	-15.15	-11.67	80.11	-134.32	189.99	-30.94	88.11	86.02
27667	-16.80	-9.56	-11.67	146.04	8.56	-72.65	-106.10	13.52	-15.08
27668	-16.19	-10.65	-11.67	136.87	-23.29	-24.48	-95.37	34.53	0.51
27669	-15.52	-11.69	-11.67	127.67	-52.47	21.96	-83.64	52.76	17.77
27670	-15.79	-9.48	-11.67	152.53	1.61	-69.10	-104.45	22.18	-28.10
27671	-15.37	-10.42	-11.67	142.24	-26.81	-27.80	-94.93	38.95	-12.59
27672	-14.91	-11.34	-11.67	132.36	-52.63	12.22	-84.72	53.71	4.63
27673	-14.78	-9.40	-11.67	156.46	-4.62	-64.93	-100.46	30.51	-40.53
27674	-14.55	-10.21	-11.67	146.41	-29.40	-30.57	-93.06	42.86	-25.95
27675	-14.30	-11.00	-11.67	136.52	-51.96	2.88	-85.13	54.21	-9.08
27676	-12.93	-14.37	-11.67	94.78	-119.51	149.02	-43.78	84.34	70.62
27677	-12.65	-13.39	-11.67	104.21	-114.95	112.74	-52.31	79.79	42.70
27678	-12.36	-12.43	-11.67	114.18	-104.42	75.66	-59.83	73.26	12.54
27679	-13.86	-13.54	-11.67	107.40	-100.82	107.34	-57.33	77.81	54.13
27680	-13.48	-12.78	-11.67	114.58	-96.50	80.15	-63.27	74.22	31.44
27681	-13.10	-12.03	-11.67	121.98	-88.66	53.16	-68.45	69.51	7.34
27682	-14.74	-12.66	-11.67	117.85	-78.82	65.38	-70.72	68.05	36.66
27683	-14.28	-12.13	-11.67	123.12	-76.22	47.82	-73.85	65.84	19.75
27684	-13.81	-11.61	-11.67	128.64	-72.32	30.67	-76.60	62.99	1.81
27685	-17.76	-9.62	-11.67	132.58	20.00	-75.01	-105.15	1.50	2.43
27686	-17.06	-10.82	-11.67	126.13	-13.11	-21.13	-94.25	24.62	17.31
27687	-16.27	-11.98	-11.67	118.67	-43.26	31.07	-81.98	45.40	34.12
27688	-15.40	-13.08	-11.67	110.04	-69.74	80.71	-68.40	62.26	52.87
27689	-14.46	-14.11	-11.67	99.97	-92.11	128.74	-53.80	74.03	72.64
27690	-13.44	-15.08	-11.67	87.73	-109.66	175.46	-38.64	81.54	91.39
27691	-12.37	-15.98	-11.67	73.32	-122.14	219.74	-24.19	85.80	109.08
27692	-11.23	-16.80	-11.67	57.31	-129.93	260.41	-11.58	87.26	125.93
27693	-10.04	-17.54	-11.67	40.59	-134.55	296.77	-1.35	86.05	142.15
27694	-8.80	-18.19	-11.67	23.93	-136.96	328.61	6.54	82.12	157.64
27695	-7.52	-18.76	-11.67	7.93	-137.82	355.86	12.21	75.51	172.02
27696	-6.20	-19.23	-11.67	-6.89	-137.67	378.45	15.82	66.42	184.86
27697	-4.86	-19.62	-11.67	-20.03	-136.91	396.33	17.61	55.15	195.75
27698	-3.49	-19.90	-11.67	-31.07	-135.88	409.42	17.89	42.04	204.37
27699	-2.10	-20.10	-11.67	-39.69	-134.88	417.68	17.09	27.47	210.43
27700	-0.70	-20.20	-11.67	-45.66	-134.09	421.18	15.63	11.78	213.78
27701	-18.68	-9.66	-11.67	109.78	36.26	-74.56	-98.78	-14.81	25.87
27702	-17.95	-10.95	-11.67	106.90	4.19	-16.66	-88.73	7.70	38.05
27703	-17.14	-12.19	-11.67	102.44	-24.35	40.03	-77.10	28.05	51.75
27704	-16.24	-13.37	-11.67	96.62	-48.72	93.55	-64.27	45.11	67.33
27705	-15.26	-14.48	-11.67	89.22	-69.30	144.08	-50.09	57.83	84.40
27706	-14.20	-15.53	-11.67	79.58	-85.30	192.09	-34.94	66.29	101.56
27707	-13.07	-16.49	-11.67	67.25	-96.20	237.18	-20.04	71.30	117.98
27708	-11.88	-17.37	-11.67	52.57	-102.43	278.64	-6.72	73.52	133.69
27709	-10.62	-18.17	-11.67	36.36	-105.01	315.89	4.14	73.18	148.76
27710	-9.32	-18.87	-11.67	19.60	-105.11	348.63	12.25	70.35	163.10
27711	-7.96	-19.48	-11.67	3.11	-103.60	376.70	17.61	65.09	176.41
27712	-6.57	-19.99	-11.67	-12.37	-101.17	399.99	20.38	57.53	188.34
27713	-5.14	-20.41	-11.67	-26.18	-98.35	418.43	20.79	47.91	198.57
27714	-3.69	-20.72	-11.67	-37.81	-95.53	431.94	19.22	36.55	206.80
27715	-2.22	-20.93	-11.67	-46.86	-93.00	440.36	16.23	23.86	212.73
27716	-0.74	-21.03	-11.67	-53.03	-91.36	443.58	12.58	10.18	215.95
27717	-19.60	-9.70	-11.67	80.99	53.96	-71.34	-86.65	-30.61	52.30
27718	-18.85	-11.08	-11.67	81.57	23.48	-10.49	-78.19	-12.38	59.65
27719	-18.01	-12.41	-11.67	80.37	-2.82	49.48	-67.89	4.36	67.67
27720	-17.08	-13.67	-11.67	77.35	-24.68	105.67	-56.24	18.78	77.29

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]
27721	-16.06	-14.85	-11.67	72.39	-42.91	157.98	-43.30	30.09	88.71
27722	-14.95	-15.97	-11.67	65.09	-57.22	206.92	-29.36	38.17	100.88
27723	-13.77	-17.00	-11.67	55.00	-67.03	252.44	-15.35	43.40	112.95
27724	-12.52	-17.94	-11.67	42.20	-72.43	294.19	-2.52	46.31	124.59
27725	-11.20	-18.79	-11.67	27.36	-74.14	331.76	8.09	47.20	135.75
27726	-9.83	-19.55	-11.67	11.44	-73.15	364.86	15.94	46.19	146.36
27727	-8.41	-20.20	-11.67	-4.58	-70.41	393.27	20.86	43.34	156.23
27728	-6.94	-20.76	-11.67	-19.80	-66.70	416.84	22.90	38.73	165.13
27729	-5.43	-21.20	-11.67	-33.40	-62.69	435.53	22.23	32.41	172.88
27730	-3.90	-21.54	-11.67	-44.84	-58.70	449.49	19.11	24.51	179.46
27731	-2.35	-21.76	-11.67	-53.99	-54.74	458.60	14.25	15.56	184.92
27732	-0.78	-21.87	-11.67	-60.32	-50.93	462.31	9.08	6.41	188.86
27733	-20.51	-9.75	-11.67	49.80	71.54	-72.46	-69.23	-44.68	81.94
27734	-19.75	-11.21	-11.67	52.79	43.05	-8.23	-62.87	-33.99	83.19
27735	-18.89	-12.62	-11.67	54.09	19.20	54.94	-54.68	-23.81	83.54
27736	-17.92	-13.96	-11.67	53.33	-0.02	113.52	-45.07	-14.76	85.00
27737	-16.86	-15.22	-11.67	50.33	-15.98	167.58	-34.19	-7.31	88.19
27738	-15.71	-16.41	-11.67	44.86	-28.70	217.75	-22.35	-1.55	92.35
27739	-14.48	-17.51	-11.67	36.64	-37.74	264.09	-10.29	2.71	96.77
27740	-13.17	-18.52	-11.67	25.69	-43.00	306.45	0.95	5.81	101.12
27741	-11.79	-19.42	-11.67	12.54	-44.84	344.54	10.41	8.00	105.30
27742	-10.35	-20.23	-11.67	-1.93	-44.00	378.10	17.40	9.38	109.32
27743	-8.85	-20.93	-11.67	-16.72	-41.32	406.93	21.61	9.96	113.15
27744	-7.30	-21.52	-11.67	-30.88	-37.60	430.87	22.99	9.67	116.74
27745	-5.72	-21.99	-11.67	-43.41	-33.50	449.88	21.60	8.36	120.02
27746	-4.11	-22.35	-11.67	-53.54	-29.49	464.56	17.43	5.47	123.26
27747	-2.47	-22.59	-11.67	-61.94	-24.74	476.76	10.72	0.96	127.85
27748	-0.83	-22.71	-11.67	-69.72	-20.02	486.51	4.77	-1.42	134.22
27749	-21.43	-9.79	-11.67	24.41	87.69	-89.21	-47.79	-53.06	115.52
27750	-20.65	-11.34	-11.67	26.72	61.36	-18.03	-43.42	-53.54	110.60
27751	-19.76	-12.83	-11.67	28.34	40.18	51.96	-37.73	-52.71	102.18
27752	-18.76	-14.25	-11.67	28.26	23.68	115.55	-30.99	-51.26	93.92
27753	-17.66	-15.59	-11.67	26.12	9.92	173.56	-23.11	-49.78	87.12
27754	-16.47	-16.85	-11.67	21.63	-1.39	227.03	-14.28	-48.21	81.19
27755	-15.18	-18.02	-11.67	14.57	-10.00	276.15	-5.05	-46.33	75.63
27756	-13.81	-19.09	-11.67	5.01	-15.70	320.88	3.76	-43.88	70.23
27757	-12.37	-20.05	-11.67	-6.56	-18.56	361.01	11.30	-40.68	65.02
27758	-10.86	-20.91	-11.67	-19.34	-19.01	396.37	16.89	-36.73	60.16
27759	-9.29	-21.65	-11.67	-32.43	-17.64	426.73	20.12	-32.14	55.82
27760	-7.67	-22.28	-11.67	-44.90	-15.13	452.07	20.85	-27.21	52.19
27761	-6.01	-22.78	-11.67	-55.84	-12.16	472.22	19.16	-22.26	49.36
27762	-4.32	-23.17	-11.67	-63.68	-9.14	488.53	14.95	-19.07	47.65
27763	-2.60	-23.42	-11.67	-70.77	-5.76	507.29	8.46	-18.45	48.76
27764	-0.87	-23.55	-11.67	-79.40	-3.81	527.82	2.41	-11.47	52.03
27765	-17.76	-9.62	-13.00	171.35	5.98	-83.49	-145.51	4.03	32.61
27766	-17.06	-10.82	-13.00	163.66	-39.33	-29.43	-131.37	20.94	43.66
27767	-16.27	-11.98	-13.00	154.59	-77.61	21.89	-115.15	37.16	54.88
27768	-15.40	-13.08	-13.00	144.34	-112.32	69.21	-96.65	49.74	69.26
27769	-14.46	-14.11	-13.00	132.60	-140.89	115.95	-75.27	56.74	83.24
27770	-13.44	-15.08	-13.00	117.60	-160.23	161.94	-52.73	60.25	94.21
27771	-12.37	-15.98	-13.00	99.32	-171.43	205.22	-32.10	62.10	103.75
27772	-11.23	-16.80	-13.00	78.84	-177.02	244.48	-14.85	62.65	113.18
27773	-10.04	-17.54	-13.00	57.48	-179.55	279.27	-1.11	61.64	122.89
27774	-8.80	-18.19	-13.00	36.09	-180.08	309.59	9.50	58.81	132.61
27775	-7.52	-18.76	-13.00	15.35	-179.22	335.45	17.20	54.14	141.86
27776	-6.20	-19.23	-13.00	-4.08	-177.51	356.82	22.20	47.78	150.22
27777	-4.86	-19.62	-13.00	-21.56	-175.46	373.65	24.75	39.91	157.37
27778	-3.49	-19.90	-13.00	-36.53	-173.47	385.84	25.18	30.80	162.99
27779	-2.10	-20.10	-13.00	-48.57	-171.82	393.41	23.91	20.62	166.94
27780	-0.70	-20.20	-13.00	-57.49	-170.55	396.29	21.49	9.64	169.16
27781	-18.68	-9.66	-13.00	143.12	29.42	-79.20	-133.80	-5.97	44.26
27782	-17.95	-10.95	-13.00	140.70	-11.70	-18.20	-120.93	10.13	52.03
27783	-17.14	-12.19	-13.00	136.24	-44.99	40.68	-106.02	25.15	59.90
27784	-16.24	-13.37	-13.00	129.91	-74.41	94.77	-89.30	37.50	70.92
27785	-15.26	-14.48	-13.00	121.95	-99.54	145.76	-70.01	45.91	83.33
27786	-14.20	-15.53	-13.00	111.09	-117.90	194.14	-48.84	50.76	95.10
27787	-13.07	-16.49	-13.00	96.43	-128.78	239.40	-28.12	53.26	105.71
27788	-11.88	-17.37	-13.00	78.47	-133.55	280.81	-9.95	54.13	115.71
27789	-10.62	-18.17	-13.00	58.42	-134.16	317.89	4.67	53.48	125.47
27790	-9.32	-18.87	-13.00	37.48	-132.17	350.41	15.64	51.23	134.92
27791	-7.96	-19.48	-13.00	16.65	-128.59	378.25	23.07	47.35	143.80
27792	-6.57	-19.99	-13.00	-3.17	-124.24	401.28	27.21	41.94	151.79
27793	-5.14	-20.41	-13.00	-21.13	-119.87	419.44	28.34	35.15	158.62
27794	-3.69	-20.72	-13.00	-36.48	-116.04	432.60	26.84	27.21	164.01
27795	-2.22	-20.93	-13.00	-48.67	-113.22	440.51	23.18	18.36	167.57
27796	-0.74	-21.03	-13.00	-57.39	-111.46	443.72	17.86	8.47	169.55
27797	-19.60	-9.70	-13.00	108.98	54.62	-73.49	-115.04	-16.45	60.51
27798	-18.85	-11.08	-13.00	111.39	17.83	-6.51	-104.37	-4.09	63.88
27799	-18.01	-12.41	-13.00	111.75	-10.34	58.16	-91.25	7.66	66.85
27800	-17.08	-13.67	-13.00	109.35	-34.74	117.32	-76.25	17.71	72.97
27801	-16.06	-14.85	-13.00	104.54	-55.73	172.47	-59.32	25.33	81.07
27802	-14.95	-15.97	-13.00	96.81	-71.95	224.03	-40.87	30.45	89.70
27803	-13.77	-17.00	-13.00	85.45	-82.28	271.87	-22.28	33.53	98.03
27804	-12.52	-17.94	-13.00	70.51	-87.00	315.64	-5.36	35.07	105.91
27805	-11.20	-18.79	-13.00	52.83	-87.30	354.96	8.61	35.33	113.46
27806	-9.83	-19.55	-13.00	33.60	-84.53	389.56	19.06	34.36	120.66
27807	-8.41	-20.20	-13.00	13.95	-79.89	419.23	25.87	32.18	127.40
27808	-6.94	-20.76	-13.00	-5.07	-74.37	443.80	29.17	28.85	133.45
27809	-5.43	-21.20	-13.00	-22.41	-68.82	463.16	29.23	24.41	138.62
27810	-3.90	-21.54	-13.00	-37.23	-64.12	477.36	26.41	18.93	142.87
27811	-2.35	-21.76	-13.00	-48.87	-60.03	486.11	21.03	12.88	146.11
27812	-0.78	-21.87	-13.00	-57.23	-57.79	487.38	14.24	6.62	146.49
27813	-20.51	-9.75	-13.00	68.66	79.60	-71.08	-88.80	-27.47	82.17
27814	-19.75	-11.21	-13.00	74.29	47.21	1.46	-82.18	-21.13	79.63
27815	-18.89	-12.62	-13.00	77.91	23.47	71.43	-72.76	-14.54	76.32
27816	-17.92	-13.96	-13.00	78.55	2.94	135.12	-61.16	-8.81	76.08
27817	-16.86	-15.22	-13.00	76.39	-14.96	194.38	-47.70	-4.22	77.69
27818	-15.71	-16.41	-13.00	71.28	-29.37	249.54	-32.94	-0.77	80.09
27819	-14.48	-17.51	-13.00	62.80	-39.44	300.51	-17.84	1.73	82.64

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]
27820	-13.17	-18.52	-13.00	50.95	-44.96	347.06	-3.69	3.55	85.09
27821	-11.79	-19.42	-13.00	36.31	-46.48	388.90	8.32	4.89	87.40
27822	-10.35	-20.23	-13.00	19.87	-44.92	425.75	17.42	5.82	89.64
27823	-8.85	-20.93	-13.00	2.71	-41.30	457.36	23.31	6.32	91.79
27824	-7.30	-21.52	-13.00	-14.09	-36.57	483.61	25.95	6.36	93.81
27825	-5.72	-21.99	-13.00	-29.55	-31.62	504.23	25.57	5.94	95.56
27826	-4.11	-22.35	-13.00	-42.22	-27.08	519.45	22.20	4.50	97.11
27827	-2.47	-22.59	-13.00	-52.12	-23.53	531.15	15.59	1.28	99.75
27828	-0.83	-22.71	-13.00	-60.25	-13.16	538.71	6.50	-0.69	107.07
27829	-21.43	-9.79	-13.00	30.75	101.32	-91.53	-58.77	-44.30	111.44
27830	-20.65	-11.34	-13.00	35.47	71.94	-7.40	-55.18	-44.76	101.68
27831	-19.76	-12.83	-13.00	39.52	52.24	70.62	-50.82	-44.35	89.26
27832	-18.76	-14.25	-13.00	41.09	34.71	139.77	-44.26	-44.17	80.60
27833	-17.66	-15.59	-13.00	40.25	18.84	203.91	-35.70	-43.98	73.74
27834	-16.47	-16.85	-13.00	36.72	5.26	263.43	-25.70	-43.50	67.61
27835	-15.18	-18.02	-13.00	30.24	-5.40	318.28	-14.99	-42.51	61.78
27836	-13.81	-19.09	-13.00	20.84	-12.76	368.26	-4.53	-40.78	56.08
27837	-12.37	-20.05	-13.00	9.04	-16.90	413.14	4.67	-38.19	50.56
27838	-10.86	-20.91	-13.00	-4.35	-18.27	452.66	11.85	-34.73	45.38
27839	-9.29	-21.65	-13.00	-18.39	-17.54	486.63	16.58	-30.53	40.74
27840	-7.67	-22.28	-13.00	-32.18	-15.43	514.78	18.69	-25.78	36.76
27841	-6.01	-22.78	-13.00	-44.75	-12.61	537.47	18.18	-20.93	33.67
27842	-4.32	-23.17	-13.00	-54.95	-10.10	552.78	15.52	-15.85	31.02
27843	-2.60	-23.42	-13.00	-57.27	-7.02	571.71	8.05	-20.27	30.93
27844	-0.87	-23.55	-13.00	-71.85	0.73	616.72	-3.28	-21.72	46.22
27845	-17.76	-9.62	-14.33	214.02	-52.08	-81.94	-205.39	4.57	66.87
27846	-17.06	-10.82	-14.33	207.96	-95.58	-26.91	-187.21	11.57	64.95
27847	-16.27	-11.98	-14.33	196.44	-144.13	23.99	-166.34	19.83	69.80
27848	-15.40	-13.08	-14.33	183.45	-194.01	70.90	-139.52	25.51	77.34
27849	-14.46	-14.11	-14.33	169.55	-227.40	116.74	-105.45	26.98	81.91
27850	-13.44	-15.08	-14.33	151.14	-242.86	160.79	-70.95	26.94	83.25
27851	-12.37	-15.98	-14.33	128.10	-247.56	201.64	-41.03	26.88	84.10
27852	-11.23	-16.80	-14.33	101.97	-246.90	238.65	-17.02	26.75	85.68
27853	-10.04	-17.54	-14.33	74.49	-244.42	271.53	1.78	26.18	88.09
27854	-8.80	-18.19	-14.33	46.68	-240.49	300.31	16.19	24.91	90.92
27855	-7.52	-18.76	-14.33	19.41	-235.57	324.90	26.48	22.94	93.81
27856	-6.20	-19.23	-14.33	-6.37	-230.26	345.24	32.93	20.32	96.54
27857	-4.86	-19.62	-14.33	-29.74	-225.23	361.24	35.85	17.12	98.91
27858	-3.49	-19.90	-14.33	-49.95	-221.01	372.82	35.66	13.43	100.78
27859	-2.10	-20.10	-14.33	-66.48	-217.83	379.93	32.85	9.33	102.11
27860	-0.70	-20.20	-14.33	-79.04	-215.70	382.61	28.21	4.91	102.90
27861	-18.68	-9.66	-14.33	182.19	-11.53	-75.52	-180.87	0.32	61.03
27862	-17.95	-10.95	-14.33	184.85	-44.90	-13.04	-162.65	6.82	55.84
27863	-17.14	-12.19	-14.33	181.90	-79.94	45.62	-141.29	13.44	57.30
27864	-16.24	-13.37	-14.33	175.35	-113.98	100.09	-117.29	18.64	62.05
27865	-15.26	-14.48	-14.33	166.25	-143.04	151.27	-89.63	21.81	67.69
27866	-14.20	-15.53	-14.33	153.09	-161.88	199.39	-59.68	23.26	72.61
27867	-13.07	-16.49	-14.33	134.79	-170.43	244.06	-31.14	23.81	76.70
27868	-11.88	-17.37	-14.33	112.03	-171.52	284.79	-6.62	23.85	80.50
27869	-10.62	-18.17	-14.33	86.32	-167.92	321.27	12.87	23.37	84.27
27870	-9.32	-18.87	-14.33	59.13	-161.56	353.29	27.32	22.29	87.99
27871	-7.96	-19.48	-14.33	31.74	-153.61	380.72	36.91	20.59	91.51
27872	-6.57	-19.99	-14.33	5.37	-145.18	403.41	41.95	18.30	94.67
27873	-5.14	-20.41	-14.33	-18.77	-137.42	421.28	42.88	15.47	97.38
27874	-3.69	-20.72	-14.33	-39.46	-131.42	434.17	40.07	12.22	99.40
27875	-2.22	-20.93	-14.33	-56.01	-127.65	442.16	33.77	8.59	100.63
27876	-0.74	-21.03	-14.33	-68.30	-125.49	444.84	24.56	4.47	101.28
27877	-19.60	-9.70	-14.33	144.82	24.34	-69.62	-153.53	-3.92	65.08
27878	-18.85	-11.08	-14.33	155.05	0.54	-0.10	-137.84	0.74	57.07
27879	-18.01	-12.41	-14.33	159.54	-26.40	65.02	-118.21	5.62	56.74
27880	-17.08	-13.67	-14.33	159.12	-52.12	125.69	-95.60	9.61	59.14
27881	-16.06	-14.85	-14.33	154.57	-73.74	182.66	-70.82	12.65	62.59
27882	-14.95	-15.97	-14.33	145.59	-88.96	235.84	-44.75	14.63	66.30
27883	-13.77	-17.00	-14.33	131.56	-96.50	285.03	-19.30	15.76	69.82
27884	-12.52	-17.94	-14.33	112.72	-97.08	329.92	3.33	16.26	73.12
27885	-11.20	-18.79	-14.33	90.13	-92.43	370.23	21.67	16.26	76.27
27886	-9.83	-19.55	-14.33	65.23	-84.33	405.69	35.09	15.76	79.29
27887	-8.41	-20.20	-14.33	39.46	-74.32	436.10	43.48	14.76	82.12
27888	-6.94	-20.76	-14.33	14.15	-63.73	461.31	47.06	13.30	84.65
27889	-5.43	-21.20	-14.33	-9.41	-53.94	481.11	46.41	11.46	86.71
27890	-3.90	-21.54	-14.33	-29.63	-46.76	495.66	42.36	9.09	88.55
27891	-2.35	-21.76	-14.33	-44.76	-44.05	503.81	34.50	6.88	88.83
27892	-0.78	-21.87	-14.33	-55.25	-44.11	508.35	21.67	3.86	88.54
27893	-20.51	-9.75	-14.33	101.64	60.77	-64.03	-117.27	-5.63	69.45
27894	-19.75	-11.21	-14.33	115.12	45.24	12.14	-106.74	-4.18	59.37
27895	-18.89	-12.62	-14.33	123.65	25.02	83.66	-92.06	-1.47	56.89
27896	-17.92	-13.96	-14.33	127.34	4.85	150.33	-73.96	0.59	57.01
27897	-16.86	-15.22	-14.33	126.75	-12.27	213.03	-53.75	2.25	57.99
27898	-15.71	-16.41	-14.33	121.64	-24.67	271.56	-32.53	3.46	59.30
27899	-14.48	-17.51	-14.33	111.74	-31.43	325.64	-11.66	4.27	60.67
27900	-13.17	-18.52	-14.33	97.20	-32.54	374.99	7.28	4.79	61.96
27901	-11.79	-19.42	-14.33	78.82	-28.90	419.32	22.91	5.11	63.17
27902	-10.35	-20.23	-14.33	57.83	-21.80	458.35	34.39	5.24	64.33
27903	-8.85	-20.93	-14.33	35.55	-12.60	491.87	41.37	5.19	65.42
27904	-7.30	-21.52	-14.33	13.27	-2.62	519.63	43.92	4.96	66.40
27905	-5.72	-21.99	-14.33	-7.87	6.91	541.69	42.46	4.55	67.32
27906	-4.11	-22.35	-14.33	-26.99	14.43	556.84	38.32	4.36	67.22
27907	-2.47	-22.59	-14.33	-40.35	15.68	570.06	33.45	2.10	69.91
27908	-0.83	-22.71	-14.33	-46.72	7.05	561.85	20.78	5.97	61.42
27909	-21.43	-9.79	-14.33	43.96	98.61	-72.25	-58.33	-23.59	99.64
27910	-20.65	-11.34	-14.33	55.86	94.05	14.43	-61.80	-23.10	77.62
27911	-19.76	-12.83	-14.33	63.04	79.22	92.51	-57.58	-23.08	69.92
27912	-18.76	-14.25	-14.33	67.21	62.00	164.74	-49.33	-23.98	65.12
27913	-17.66	-15.59	-14.33	68.29	46.00	232.71	-38.56	-24.58	61.00
27914	-16.47	-16.85	-14.33	65.92	32.67	296.14	-26.20	-24.85	57.14
27915	-15.18	-18.02	-14.33	59.87	22.81	354.74	-13.24	-24.66	53.37
27916	-13.81	-19.09	-14.33	50.25	16.78	408.19	-0.81	-23.89	49.65
27917	-12.37	-20.05	-14.33	37.61	14.36	456.20	10.00	-22.53	46.05
27918	-10.86	-20.91	-14.33	22.82	14.97	498.50	18.37	-20.57	42.67

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]
27919	-9.29	-21.65	-14.33	6.82	17.77	534.82	23.84	-18.10	39.61
27920	-7.67	-22.28	-14.33	-9.44	21.93	565.07	26.25	-15.21	36.96
27921	-6.01	-22.78	-14.33	-25.14	26.38	588.51	25.71	-11.98	34.75
27922	-4.32	-23.17	-14.33	-39.54	31.12	607.93	22.68	-8.91	33.72
27923	-2.60	-23.42	-14.33	-52.61	30.69	607.60	19.88	-2.81	26.83
27924	-0.87	-23.55	-14.33	-41.10	25.35	699.07	19.54	-41.26	58.46
27925	78.92	1.65	17.16	-257.74	-502.09	-997.11	43.23	97.70	-1006.05
27926	78.92	0.55	17.16	-51.17	151.08	-330.64	-9.29	60.97	-272.29
27927	78.92	-0.55	17.16	-12.13	323.47	-190.96	-45.98	55.63	42.74
27928	78.92	-1.65	17.16	-74.87	188.09	-341.40	-95.70	83.18	335.80
27929	79.85	1.65	17.16	-226.05	-485.42	-984.97	-0.49	126.00	-973.24
27930	79.86	0.55	17.16	-23.25	144.00	-329.98	-47.99	75.76	-255.80
27931	79.86	-0.55	17.16	12.10	306.20	-191.52	-74.29	62.19	46.70
27932	79.85	-1.65	17.16	-54.82	176.48	-331.10	-113.97	88.76	325.61
27933	80.78	1.65	17.16	-199.81	-457.71	-992.24	-45.64	137.06	-913.15
27934	80.79	0.55	17.16	-7.52	127.92	-354.74	-90.23	63.78	-226.04
27935	80.79	-0.55	17.16	23.40	271.11	-216.82	-105.42	43.64	49.66
27936	80.78	-1.65	17.16	-43.09	149.01	-336.38	-132.29	79.04	306.54
27937	81.71	1.65	17.16	-222.70	-424.73	-1087.46	-96.77	71.59	-798.68
27938	81.73	0.55	17.16	-54.82	80.13	-488.74	-142.61	-48.22	-187.05
27939	81.73	-0.55	17.16	-19.87	197.33	-338.63	-145.55	-59.93	37.28
27940	81.71	-1.65	17.16	-65.00	95.11	-403.86	-156.94	16.75	257.24
27941	82.64	1.65	17.16	-405.28	-444.32	-1554.11	-173.00	-330.31	-617.62
27942	82.67	0.55	17.16	-268.74	-74.65	-1017.53	-218.32	-488.85	-175.90
27943	82.67	-0.55	17.16	-202.37	26.23	-792.15	-202.95	-430.00	-22.34
27944	82.64	-1.65	17.16	-178.36	-17.43	-700.80	-196.05	-232.85	137.52
27945	83.58	1.65	17.16	-959.33	-1096.48	-5636.19	-304.01	-1903.03	-555.81
27946	83.60	0.55	17.16	-832.98	-842.60	-4846.81	-316.62	-1918.85	-314.89
27947	83.60	-0.55	17.16	-674.52	-651.99	-4007.96	-269.52	-1608.91	-188.22
27948	83.58	-1.65	17.16	-495.89	-495.29	-3098.06	-236.96	-1105.56	-76.81
27949	84.51	1.65	17.16	-1064.16	-1572.57	-9092.58	-127.59	1291.10	-158.04
27950	84.54	0.55	17.16	-879.45	-1341.31	-7792.47	-204.13	1147.93	-162.09
27951	84.54	-0.55	17.16	-740.61	-1081.37	-6369.22	-257.16	1033.05	-156.34
27952	84.51	-1.65	17.16	-633.17	-805.23	-4843.02	-291.79	932.13	-141.04
27953	85.44	1.65	17.16	-4573.02	-1671.86	-5460.67	-1148.87	4565.48	143.92
27954	85.48	0.55	17.16	-3979.10	-1366.51	-4603.11	-1067.55	3860.59	-7.01
27955	85.48	-0.55	17.16	-3408.15	-1061.94	-3741.47	-1015.86	3167.69	-105.19
27956	85.44	-1.65	17.16	-2855.28	-754.12	-2864.76	-986.01	2477.25	-156.13
27957	86.37	1.65	17.16	-2243.31	-734.86	-1166.54	-1019.75	1715.57	40.49
27958	86.41	0.55	17.16	-2013.47	-571.28	-983.79	-983.73	1455.44	-14.64
27959	86.41	-0.55	17.16	-1799.37	-415.87	-815.49	-956.04	1211.81	-49.99
27960	86.37	-1.65	17.16	-1598.31	-262.68	-652.87	-931.84	978.10	-70.57
27961	87.30	1.65	17.16	-1072.67	-465.67	-483.18	-897.60	786.33	61.29
27962	87.35	0.55	17.16	-1012.05	-350.49	-409.70	-895.99	672.07	36.56
27963	87.35	-0.55	17.16	-961.78	-240.67	-343.00	-888.79	567.10	20.48
27964	87.30	-1.65	17.16	-919.15	-133.20	-279.31	-873.83	468.38	10.28
27965	88.23	1.65	17.16	-447.27	-311.20	-225.13	-771.46	386.01	80.76
27966	88.29	0.55	17.16	-464.77	-231.60	-191.77	-787.57	333.50	69.40
27967	88.29	-0.55	17.16	-490.03	-154.56	-162.42	-792.50	285.59	61.99
27968	88.23	-1.65	17.16	-519.85	-79.47	-134.84	-785.52	241.05	56.98
27969	89.17	1.65	17.16	-116.62	-212.15	-125.79	-647.52	188.52	92.67
27970	89.22	0.55	17.16	-166.05	-160.68	-107.71	-670.33	165.31	88.72
27971	89.22	-0.55	17.16	-221.88	-110.02	-92.00	-681.46	144.19	86.22
27972	89.17	-1.65	17.16	-280.89	-60.70	-77.28	-680.70	124.77	84.45
27973	90.10	1.65	17.16	47.20	-145.10	-83.98	-528.50	75.20	101.69
27974	90.16	0.55	17.16	-10.62	-116.08	-72.17	-551.39	67.90	102.71
27975	90.16	-0.55	17.16	-73.80	-87.23	-61.82	-564.59	61.59	103.66
27976	90.10	-1.65	17.16	-139.57	-59.21	-52.05	-568.05	56.12	104.24
27977	91.03	1.65	17.16	109.75	-99.79	-62.32	-412.30	0.41	114.16
27978	91.10	0.55	17.16	56.19	-88.84	-53.44	-431.46	3.42	118.73
27979	91.10	-0.55	17.16	-1.54	-78.11	-45.38	-443.98	6.99	122.20
27980	91.03	-1.65	17.16	-61.50	-67.90	-37.62	-449.87	11.09	124.49
27981	91.96	1.65	17.16	106.25	-68.85	-37.64	-292.36	-51.57	142.02
27982	92.04	0.55	17.16	64.79	-73.11	-31.22	-305.46	-40.22	148.73
27983	92.04	-0.55	17.16	20.52	-78.11	-25.09	-315.65	-28.56	153.43
27984	91.96	-1.65	17.16	-25.39	-83.44	-18.91	-322.81	-16.34	156.16
27985	92.89	1.65	17.16	57.08	-41.80	25.72	-156.75	-78.02	222.22
27986	92.97	0.55	17.16	34.05	-61.39	26.80	-162.31	-58.02	227.53
27987	92.97	-0.55	17.16	9.71	-81.87	28.32	-169.01	-37.33	230.36
27988	92.89	-1.65	17.16	-15.56	-102.14	29.93	-177.24	-17.07	230.57
27989	78.93	1.65	15.47	-661.12	-1144.25	-2540.98	31.09	188.58	-1717.48
27990	78.93	0.55	15.47	-500.32	-983.03	-1305.57	-2.50	148.57	-901.97
27991	78.93	-0.55	15.47	-425.36	-725.70	-862.97	-44.71	143.22	-268.24
27992	78.93	-1.65	15.47	-405.10	-480.63	-937.61	-82.39	175.84	179.81
27993	79.89	1.65	15.47	-670.77	-1132.27	-2537.42	38.45	160.99	-1673.45
27994	79.90	0.55	15.47	-521.85	-960.90	-1319.85	-10.89	98.79	-877.61
27995	79.90	-0.55	15.47	-446.01	-704.84	-876.04	-75.17	87.06	-270.11
27996	79.89	-1.65	15.47	-417.71	-464.77	-927.09	-129.24	131.56	154.69
27997	80.85	1.65	15.47	-723.88	-1116.05	-2615.85	62.75	83.92	-1591.65
27998	80.86	0.55	15.47	-594.81	-930.85	-1427.78	-20.49	-14.46	-837.82
27999	80.86	-0.55	15.47	-512.84	-680.50	-976.08	-115.69	-26.22	-281.33
28000	80.85	-1.65	15.47	-463.50	-453.25	-978.93	-188.77	47.76	104.52
28001	81.80	1.65	15.47	-816.38	-1090.49	-2905.91	100.22	-105.80	-1449.44
28002	81.82	0.55	15.47	-700.17	-897.97	-1774.10	-38.11	-254.53	-787.26
28003	81.82	-0.55	15.47	-604.05	-662.74	-1287.86	-172.22	-247.90	-319.63
28004	81.80	-1.65	15.47	-527.69	-454.52	-1179.08	-267.30	-111.28	5.46
28005	82.76	1.65	15.47	-841.86	-1079.40	-3832.70	130.37	-414.28	-1233.58
28006	82.78	0.55	15.47	-714.39	-899.49	-2773.06	-70.17	-600.05	-742.75
28007	82.78	-0.55	15.47	-612.52	-687.40	-2156.68	-236.20	-551.14	-404.67
28008	82.76	-1.65	15.47	-539.12	-490.70	-1781.66	-350.19	-331.86	-165.88
28009	83.72	1.65	15.47	-272.02	-909.89	-4820.45	138.10	65.86	-919.99
28010	83.75	0.55	15.47	-152.72	-784.42	-3846.73	-90.74	-159.72	-678.35
28011	83.75	-0.55	15.47	-138.63	-623.00	-3081.16	-266.56	-179.93	-503.86
28012	83.72	-1.65	15.47	-202.67	-456.11	-2419.53	-387.39	-60.66	-376.11
28013	84.68	1.65	15.47	-15.11	-712.62	-4978.39	-9.88	1082.87	-646.99
28014	84.71	0.55	15.47	43.81	-644.90	-4156.09	-142.47	786.78	-605.61
28015	84.71	-0.55	15.47	8.63	-534.96	-3381.37	-250.78	602.73	-559.20
28016	84.68	-1.65	15.47	-95.67	-404.70	-2626.18	-322.98	494.45	-517.56
28017	85.64	1.65	15.47	-135.43	-506.59	-4148.49	55.36	1992.03	-364.77

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]
28018	85.67	0.55	15.47	-103.56	-482.38	-3516.06	-16.03	1652.47	-416.96
28019	85.67	-0.55	15.47	-113.94	-421.69	-2887.91	-79.29	1342.56	-437.82
28020	85.64	-1.65	15.47	-158.44	-339.80	-2260.04	-121.19	1055.83	-441.12
28021	86.60	1.65	15.47	-1283.83	-445.77	-2674.82	-110.99	2278.85	-100.20
28022	86.64	0.55	15.47	-1107.03	-416.13	-2271.62	-113.84	1926.51	-180.70
28023	86.64	-0.55	15.47	-947.31	-365.00	-1879.97	-124.92	1586.05	-227.49
28024	86.60	-1.65	15.47	-802.69	-300.41	-1495.40	-134.29	1255.55	-250.13
28025	87.55	1.65	15.47	-1226.51	-261.43	-1359.20	-189.91	1578.69	38.60
28026	87.60	0.55	15.47	-1073.65	-248.60	-1160.21	-175.67	1347.68	-20.33
28027	87.60	-0.55	15.47	-930.80	-223.77	-972.52	-170.95	1125.30	-56.48
28028	87.55	-1.65	15.47	-796.80	-191.20	-792.86	-168.64	910.18	-76.09
28029	88.51	1.65	15.47	-943.98	-155.32	-762.42	-222.70	1017.76	125.79
28030	88.56	0.55	15.47	-838.86	-150.91	-654.98	-208.66	878.09	88.22
28031	88.56	-0.55	15.47	-740.39	-139.84	-554.96	-201.47	743.98	64.24
28032	88.51	-1.65	15.47	-647.62	-124.29	-460.64	-196.50	614.76	50.23
28033	89.47	1.65	15.47	-657.09	-89.14	-471.94	-223.94	630.24	182.92
28034	89.53	0.55	15.47	-593.52	-90.44	-407.55	-214.76	550.48	162.15
28035	89.53	-0.55	15.47	-534.69	-88.09	-348.04	-209.62	474.37	148.41
28036	89.47	-1.65	15.47	-479.79	-83.10	-292.38	-205.70	401.50	139.83
28037	90.43	1.65	15.47	-421.31	-45.30	-321.88	-203.72	366.82	226.33
28038	90.49	0.55	15.47	-387.58	-51.42	-278.41	-199.62	325.95	217.95
28039	90.49	-0.55	15.47	-357.42	-55.42	-238.11	-197.62	287.80	212.21
28040	90.43	-1.65	15.47	-330.16	-57.74	-200.29	-196.10	251.92	208.18
28041	91.39	1.65	15.47	-239.55	-13.58	-227.09	-170.27	184.56	270.29
28042	91.45	0.55	15.47	-225.69	-23.97	-195.09	-169.94	170.19	270.79
28043	91.45	-0.55	15.47	-214.62	-33.00	-164.93	-170.76	158.12	270.90
28044	91.39	-1.65	15.47	-205.81	-40.80	-136.18	-171.81	147.86	270.15
28045	92.35	1.65	15.47	-102.70	11.98	-130.70	-132.90	55.88	329.15
28046	92.42	0.55	15.47	-102.17	-1.38	-107.75	-134.44	61.34	336.03
28047	92.42	-0.55	15.47	-103.60	-14.16	-85.63	-137.03	68.78	339.90
28048	92.35	-1.65	15.47	-106.82	-26.08	-64.01	-139.85	77.78	340.62
28049	93.30	1.65	15.47	-4.82	34.68	26.86	-110.67	-41.77	412.76
28050	93.38	0.55	15.47	-14.89	20.69	37.01	-111.75	-19.74	424.05
28051	93.38	-0.55	15.47	-26.06	6.96	47.23	-113.59	4.91	430.41
28052	93.30	-1.65	15.47	-37.83	-6.26	57.07	-116.15	29.82	431.69
28053	78.94	1.65	13.78	-537.04	-645.64	-3222.82	7.48	219.41	-1339.45
28054	78.94	0.55	13.78	-496.09	-783.25	-2242.86	-6.80	198.27	-1034.26
28055	78.94	-0.55	13.78	-452.62	-702.46	-1640.65	-27.75	193.12	-641.20
28056	78.94	-1.65	13.78	-409.09	-479.12	-1360.06	-43.11	205.39	-374.99
28057	79.93	1.65	13.78	-524.40	-633.84	-3236.72	43.41	185.99	-1306.69
28058	79.93	0.55	13.78	-491.02	-761.34	-2266.21	9.69	141.05	-1014.26
28059	79.93	-0.55	13.78	-450.16	-680.64	-1659.25	-34.30	128.14	-640.97
28060	79.93	-1.65	13.78	-407.47	-465.44	-1357.91	-67.18	148.62	-389.68
28061	80.91	1.65	13.78	-491.91	-613.74	-3349.43	88.73	150.53	-1242.09
28062	80.92	0.55	13.78	-469.64	-727.25	-2397.72	29.08	72.98	-979.47
28063	80.92	-0.55	13.78	-434.03	-649.01	-1778.52	-40.31	51.82	-644.23
28064	80.91	-1.65	13.78	-394.42	-449.48	-1434.67	-90.52	83.46	-419.94
28065	81.90	1.65	13.78	-398.29	-578.88	-3604.53	139.35	150.05	-1135.53
28066	81.91	0.55	13.78	-384.17	-677.71	-2686.71	52.50	32.85	-927.04
28067	81.91	-0.55	13.78	-360.72	-606.85	-2042.13	-41.40	-1.56	-651.83
28068	81.90	-1.65	13.78	-337.52	-432.20	-1622.54	-107.02	35.82	-467.41
28069	82.88	1.65	13.78	-176.23	-505.38	-3872.81	185.32	352.38	-981.27
28070	82.90	0.55	13.78	-170.10	-588.26	-3013.32	82.87	187.29	-847.59
28071	82.90	-0.55	13.78	-175.13	-534.50	-2349.77	-26.19	111.97	-653.88
28072	82.88	-1.65	13.78	-194.86	-399.34	-1847.34	-100.51	113.89	-519.82
28073	83.87	1.65	13.78	-57.93	-422.61	-3950.40	207.64	738.38	-792.15
28074	83.89	0.55	13.78	-52.57	-485.32	-3188.76	115.30	519.42	-733.79
28075	83.89	-0.55	13.78	-68.94	-453.60	-2543.22	14.64	380.78	-626.27
28076	83.87	-1.65	13.78	-107.91	-364.41	-1993.80	-54.02	311.11	-542.56
28077	84.85	1.65	13.78	-86.97	-322.41	-3700.67	231.76	1171.96	-564.70
28078	84.88	0.55	13.78	-56.60	-371.91	-3069.61	155.60	917.36	-572.72
28079	84.88	-0.55	13.78	-59.14	-363.50	-2491.60	74.87	719.73	-538.77
28080	84.85	-1.65	13.78	-90.42	-317.11	-1959.56	15.90	571.33	-499.90
28081	85.84	1.65	13.78	-314.55	-235.77	-3164.35	179.23	1463.86	-342.56
28082	85.87	0.55	13.78	-249.42	-277.88	-2673.70	140.76	1205.85	-394.83
28083	85.87	-0.55	13.78	-214.04	-284.39	-2200.16	93.71	976.61	-408.37
28084	85.84	-1.65	13.78	-203.74	-265.70	-1744.47	54.65	774.27	-402.57
28085	86.82	1.65	13.78	-438.86	-141.07	-2470.51	143.88	1544.43	-149.89
28086	86.86	0.55	13.78	-370.39	-182.58	-2110.41	132.64	1309.32	-217.46
28087	86.86	-0.55	13.78	-316.50	-201.63	-1756.11	110.56	1082.40	-251.90
28088	86.82	-1.65	13.78	-276.85	-203.78	-1409.83	88.01	866.49	-264.17
28089	87.81	1.65	13.78	-667.27	-90.01	-1783.22	80.80	1439.91	11.46
28090	87.85	0.55	13.78	-576.79	-124.00	-1532.70	90.26	1238.94	-52.83
28091	87.85	-0.55	13.78	-491.06	-145.00	-1288.00	87.38	1039.64	-91.57
28092	87.81	-1.65	13.78	-411.92	-155.28	-1049.63	78.48	845.12	-111.06
28093	88.79	1.65	13.78	-682.58	-39.11	-1218.82	27.18	1145.67	127.53
28094	88.84	0.55	13.78	-597.09	-68.00	-1053.14	43.79	997.41	78.11
28095	88.84	-0.55	13.78	-512.62	-89.77	-893.50	49.39	850.09	45.76
28096	88.79	-1.65	13.78	-431.25	-104.91	-739.28	47.84	705.64	26.87
28097	89.78	1.65	13.78	-582.79	-3.64	-855.22	-10.39	846.36	211.48
28098	89.83	0.55	13.78	-514.68	-27.92	-741.52	5.51	745.75	178.08
28099	89.83	-0.55	13.78	-446.53	-48.25	-633.05	12.96	646.52	154.74
28100	89.78	-1.65	13.78	-379.98	-64.43	-528.77	14.26	549.47	139.38
28101	90.76	1.65	13.78	-439.02	21.20	-622.46	-33.97	593.78	275.79
28102	90.82	0.55	13.78	-391.15	0.90	-539.55	-22.00	530.78	256.36
28103	90.82	-0.55	13.78	-343.31	-17.04	-460.72	-15.90	469.74	241.71
28104	90.76	-1.65	13.78	-296.55	-32.27	-384.91	-14.29	410.64	230.62
28105	91.75	1.65	13.78	-289.31	39.72	-456.45	-49.81	391.48	329.98
28106	91.81	0.55	13.78	-260.58	23.18	-392.46	-42.30	357.30	322.19
28107	91.81	-0.55	13.78	-232.31	8.20	-331.43	-38.48	325.48	315.16
28108	91.75	-1.65	13.78	-205.03	-4.93	-272.42	-37.54	295.50	308.18
28109	92.73	1.65	13.78	-151.74	54.22	-307.21	-67.05	224.44	378.09
28110	92.80	0.55	13.78	-140.41	42.31	-256.33	-63.17	213.07	380.81
28111	92.80	-0.55	13.78	-129.78	31.19	-207.77	-61.27	204.23	380.81
28112	92.73	-1.65	13.78	-120.09	21.13	-160.57	-60.58	197.20	377.72
28113	93.72	1.65	13.78	-34.02	65.88	-141.34	-95.08	64.66	416.23
28114	93.79	0.55	13.78	-38.76	59.64	-100.90	-93.84	72.77	429.54
28115	93.79	-0.55	13.78	-44.43	54.04	-62.41	-92.61	84.54	437.64
28116	93.72	-1.65	13.78	-50.26	48.94	-25.88	-91.28	97.31	440.20

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]
28117	78.96	1.65	12.09	-276.66	-370.34	-3359.35	-0.13	241.44	-1001.09
28118	78.96	0.55	12.09	-288.43	-462.55	-2650.82	-5.92	225.65	-917.93
28119	78.96	-0.55	12.09	-286.45	-472.01	-2067.59	-13.19	216.81	-773.85
28120	78.96	-1.65	12.09	-273.71	-405.04	-1613.51	-18.28	214.84	-645.28
28121	79.97	1.65	12.09	-256.68	-356.18	-3353.68	50.49	273.96	-972.51
28122	79.97	0.55	12.09	-271.15	-445.83	-2651.12	30.38	232.20	-897.82
28123	79.97	-0.55	12.09	-272.69	-456.35	-2065.92	7.75	207.73	-763.94
28124	79.97	-1.65	12.09	-264.61	-394.13	-1602.01	-9.69	199.71	-642.97
28125	80.98	1.65	12.09	-204.15	-331.12	-3394.88	102.27	334.67	-916.30
28126	80.98	0.55	12.09	-222.43	-416.92	-2706.73	68.91	263.19	-859.43
28127	80.98	-0.55	12.09	-230.41	-430.22	-2119.64	32.40	218.81	-745.58
28128	80.98	-1.65	12.09	-231.29	-377.10	-1638.97	4.07	199.41	-639.32
28129	81.99	1.65	12.09	-122.68	-291.34	-3440.91	152.45	459.88	-829.30
28130	82.01	0.55	12.09	-143.07	-372.74	-2780.34	109.89	354.68	-798.78
28131	82.01	-0.55	12.09	-159.23	-391.31	-2197.94	63.37	282.05	-713.66
28132	81.99	-1.65	12.09	-173.07	-352.10	-1701.67	27.00	239.55	-628.16
28133	83.00	1.65	12.09	-64.65	-242.19	-3433.19	194.70	649.72	-712.49
28134	83.02	0.55	12.09	-81.29	-319.03	-2816.99	150.56	509.95	-712.13
28135	83.02	-0.55	12.09	-99.51	-344.02	-2254.13	101.06	402.74	-660.11
28136	83.00	-1.65	12.09	-120.22	-321.46	-1754.82	61.25	326.45	-598.88
28137	84.01	1.65	12.09	-47.00	-184.63	-3314.84	225.49	878.75	-568.94
28138	84.04	0.55	12.09	-51.23	-257.09	-2759.08	186.08	710.22	-597.42
28139	84.04	-0.55	12.09	-63.50	-288.56	-2236.34	139.74	568.37	-578.22
28140	84.01	-1.65	12.09	-83.43	-283.34	-1756.38	100.48	453.62	-542.13
28141	85.02	1.65	12.09	-100.89	-129.43	-3060.49	230.76	1094.28	-410.84
28142	85.05	0.55	12.09	-88.08	-196.03	-2579.87	204.17	907.26	-461.70
28143	85.05	-0.55	12.09	-85.12	-232.22	-2117.28	168.00	738.68	-470.30
28144	85.02	-1.65	12.09	-91.79	-241.76	-1680.65	134.57	590.62	-456.86
28145	86.04	1.65	12.09	-191.68	-77.11	-2678.71	222.50	1243.66	-248.45
28146	86.07	0.55	12.09	-161.64	-136.95	-2283.08	209.53	1052.62	-312.80
28147	86.07	-0.55	12.09	-140.36	-176.16	-1895.28	185.77	871.43	-341.09
28148	86.04	-1.65	12.09	-128.21	-196.87	-1521.68	160.18	703.45	-345.36
28149	87.05	1.65	12.09	-326.04	-39.15	-2231.18	189.12	1282.07	-96.98
28150	87.09	0.55	12.09	-277.43	-90.25	-1918.71	190.63	1103.41	-164.63
28151	87.09	-0.55	12.09	-234.73	-128.47	-1609.23	180.27	927.58	-202.98
28152	87.05	-1.65	12.09	-198.96	-154.23	-1307.31	164.01	758.61	-218.81
28153	88.06	1.65	12.09	-400.51	-6.55	-1787.18	150.00	1209.71	32.06
28154	88.10	0.55	12.09	-346.29	-49.60	-1546.84	160.77	1055.62	-29.75
28155	88.10	-0.55	12.09	-293.74	-84.95	-1308.85	160.04	900.38	-69.40
28156	88.06	-1.65	12.09	-244.93	-112.09	-1075.68	151.56	747.83	-90.59
28157	89.07	1.65	12.09	-441.48	13.98	-1401.22	106.89	1068.24	137.44
28158	89.12	0.55	12.09	-385.85	-20.55	-1217.58	122.30	942.67	86.45
28159	89.12	-0.55	12.09	-329.19	-50.70	-1037.29	127.48	815.32	50.98
28160	89.07	-1.65	12.09	-273.91	-75.60	-861.00	124.72	688.96	29.01
28161	90.08	1.65	12.09	-418.33	29.47	-1090.95	66.14	882.73	219.25
28162	90.14	0.55	12.09	-368.59	2.66	-949.55	81.77	787.41	181.27
28163	90.14	-0.55	12.09	-317.04	-21.72	-812.11	89.15	691.25	153.02
28164	90.08	-1.65	12.09	-265.79	-42.78	-678.21	89.66	595.73	133.36
28165	91.09	1.65	12.09	-349.36	40.44	-857.89	29.42	692.18	281.19
28166	91.15	0.55	12.09	-310.15	20.65	-745.29	42.63	624.65	256.17
28167	91.15	-0.55	12.09	-269.48	2.27	-636.66	49.79	557.42	236.15
28168	91.09	-1.65	12.09	-228.84	-14.00	-531.08	51.74	490.98	220.44
28169	92.10	1.65	12.09	-257.21	48.20	-679.70	-4.90	511.79	326.12
28170	92.17	0.55	12.09	-230.59	35.00	-585.80	4.80	468.20	313.47
28171	92.17	-0.55	12.09	-203.30	22.70	-495.68	10.60	425.88	301.96
28172	92.10	-1.65	12.09	-176.17	11.70	-408.22	13.02	384.60	291.17
28173	93.12	1.65	12.09	-157.72	53.62	-535.33	-39.51	338.72	354.11
28174	93.18	0.55	12.09	-144.40	46.98	-452.56	-33.62	315.56	353.80
28175	93.18	-0.55	12.09	-131.11	40.82	-373.71	-29.62	294.45	351.32
28176	93.12	-1.65	12.09	-118.22	35.29	-297.45	-26.97	274.79	346.40
28177	94.13	1.65	12.09	-56.82	57.65	-416.90	-75.87	160.08	363.07
28178	94.20	0.55	12.09	-56.97	57.03	-339.00	-74.18	154.30	375.25
28179	94.20	-0.55	12.09	-57.97	57.08	-265.09	-72.20	152.26	383.08
28180	94.13	-1.65	12.09	-59.12	57.46	-194.67	-69.77	151.62	386.27
28181	78.97	1.65	10.41	-71.77	-195.52	-3260.13	-5.66	245.65	-758.70
28182	78.97	0.55	10.41	-101.04	-268.11	-2691.07	-5.90	231.07	-764.04
28183	78.97	-0.55	10.41	-121.68	-305.95	-2176.20	-6.75	218.98	-730.49
28184	78.97	-1.65	10.41	-134.91	-310.50	-1717.74	-6.85	209.14	-679.51
28185	80.01	1.65	10.41	-65.91	-185.05	-3224.87	46.02	338.88	-732.60
28186	80.01	0.55	10.41	-95.18	-257.02	-2662.57	37.95	298.62	-742.42
28187	80.01	-0.55	10.41	-117.22	-295.71	-2150.32	28.52	266.13	-713.48
28188	80.01	-1.65	10.41	-132.99	-302.53	-1691.05	20.76	240.80	-666.02
28189	81.04	1.65	10.41	-45.34	-166.30	-3191.16	95.13	449.21	-682.27
28190	81.06	0.55	10.41	-73.58	-237.05	-2644.20	81.14	382.69	-701.15
28191	81.06	-0.55	10.41	-97.01	-277.33	-2139.84	64.82	327.63	-681.69
28192	81.04	-1.65	10.41	-116.14	-288.33	-1681.96	50.60	283.46	-641.74
28193	82.08	1.65	10.41	-25.65	-141.06	-3137.16	139.12	582.50	-608.16
28194	82.10	0.55	10.41	-50.25	-209.87	-2615.75	122.09	489.91	-639.17
28195	82.10	-0.55	10.41	-72.84	-252.10	-2127.37	101.60	410.52	-632.66
28196	82.08	-1.65	10.41	-93.53	-268.49	-1676.85	82.79	344.10	-603.32
28197	83.12	1.65	10.41	-18.75	-110.55	-3037.23	174.56	734.45	-511.90
28198	83.14	0.55	10.41	-35.94	-176.82	-2552.62	157.77	618.30	-556.46
28199	83.14	-0.55	10.41	-54.22	-220.95	-2090.70	136.23	514.77	-564.53
28200	83.12	-1.65	10.41	-73.22	-243.09	-1657.25	115.13	424.26	-547.74
28201	84.16	1.65	10.41	-40.36	-78.62	-2872.65	196.48	887.10	-398.57
28202	84.18	0.55	10.41	-46.85	-141.60	-2435.63	183.85	752.90	-455.75
28203	84.18	-0.55	10.41	-56.26	-186.76	-2011.31	164.81	628.62	-477.72
28204	84.16	-1.65	10.41	-68.20	-213.77	-1606.63	144.17	515.63	-473.87
28205	85.20	1.65	10.41	-88.95	-48.30	-2638.83	204.07	1015.44	-275.80
28206	85.23	0.55	10.41	-82.63	-106.61	-2256.50	198.12	871.68	-341.73
28207	85.23	-0.55	10.41	-79.87	-151.32	-1879.51	183.99	733.50	-374.92
28208	85.20	-1.65	10.41	-80.62	-181.63	-1515.08	166.01	603.62	-382.74
28209	86.23	1.65	10.41	-161.51	-23.99	-2351.98	195.21	1094.72	-153.22
28210	86.27	0.55	10.41	-142.13	-75.67	-2026.09	197.12	950.78	-222.04
28211	86.27	-0.55	10.41	-125.46	-117.79	-1701.92	189.43	808.23	-262.35
28212	86.23	-1.65	10.41	-112.18	-149.13	-1385.48	175.82	670.69	-279.23
28213	87.27	1.65	10.41	-230.67	-4.83	-2038.10	175.13	1113.36	-38.39
28214	87.31	0.55	10.41	-201.63	-48.90	-1766.25	183.49	977.54	-104.56
28215	87.31	-0.55	10.41	-173.63	-86.79	-1495.23	181.90	840.23	-147.45

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]
28216	87.27	-1.65	10.41	-148.04	-117.04	-1229.13	173.08	705.18	-170.12
28217	88.31	1.65	10.41	-290.09	7.58	-1728.65	145.41	1071.49	63.16
28218	88.35	0.55	10.41	-254.31	-28.24	-1504.75	158.34	950.23	3.89
28219	88.35	-0.55	10.41	-217.99	-60.38	-1282.20	161.73	826.14	-37.49
28220	88.31	-1.65	10.41	-182.94	-87.36	-1063.28	157.44	702.50	-62.68
28221	89.35	1.65	10.41	-316.23	16.00	-1448.51	111.34	979.02	147.77
28222	89.40	0.55	10.41	-279.03	-11.82	-1264.20	126.16	876.46	98.29
28223	89.40	-0.55	10.41	-240.19	-37.58	-1082.28	132.57	771.00	61.59
28224	89.35	-1.65	10.41	-201.60	-59.97	-903.55	131.77	665.09	36.78
28225	90.39	1.65	10.41	-311.81	20.65	-1212.66	75.56	854.97	214.55
28226	90.44	0.55	10.41	-276.96	0.46	-1058.73	90.04	772.28	176.26
28227	90.44	-0.55	10.41	-240.11	-18.63	-908.14	97.67	687.47	146.23
28228	90.39	-1.65	10.41	-202.96	-35.60	-760.66	99.20	602.07	124.00
28229	91.42	1.65	10.41	-278.37	23.20	-1023.14	39.87	712.42	263.38
28230	91.48	0.55	10.41	-249.02	10.02	-891.02	52.35	649.21	236.79
28231	91.48	-0.55	10.41	-218.01	-2.56	-762.88	59.74	585.00	214.62
28232	91.42	-1.65	10.41	-186.60	-13.85	-637.86	62.51	520.48	196.62
28233	92.46	1.65	10.41	-223.56	24.46	-877.18	5.00	560.65	294.31
28234	92.52	0.55	10.41	-201.86	17.63	-759.08	14.42	515.36	279.51
28235	92.52	-0.55	10.41	-179.22	11.21	-645.41	20.56	470.24	265.97
28236	92.46	-1.65	10.41	-156.38	5.54	-534.98	23.75	425.35	253.48
28237	93.50	1.65	10.41	-154.39	25.11	-771.15	-28.61	402.23	306.90
28238	93.57	0.55	10.41	-141.71	23.93	-660.13	-23.03	372.70	303.97
28239	93.57	-0.55	10.41	-128.85	23.12	-553.98	-18.93	344.55	299.70
28240	93.50	-1.65	10.41	-116.13	22.72	-451.32	-15.92	317.40	293.86
28241	94.54	1.65	10.41	-73.67	26.11	-706.31	-60.16	236.57	300.67
28242	94.61	0.55	10.41	-70.69	29.45	-596.13	-59.25	219.97	309.11
28243	94.61	-0.55	10.41	-68.57	33.55	-490.88	-57.93	206.70	314.75
28244	94.54	-1.65	10.41	-66.72	38.02	-389.87	-56.05	194.92	317.27
28245	78.98	1.65	8.72	40.12	-99.15	-2998.66	-11.42	231.78	-554.46
28246	78.98	0.55	8.72	8.00	-161.67	-2540.87	-8.77	218.51	-608.06
28247	78.98	-0.55	8.72	-19.01	-205.80	-2103.14	-6.76	205.49	-625.41
28248	78.98	-1.65	8.72	-41.56	-232.24	-1691.09	-4.84	192.73	-618.20
28249	80.05	1.65	8.72	32.31	-93.88	-2951.02	32.96	353.18	-532.29
28250	80.05	0.55	8.72	1.31	-155.68	-2499.59	32.51	317.48	-587.28
28251	80.05	-0.55	8.72	-25.32	-199.91	-2066.55	30.40	284.28	-606.34
28252	80.05	-1.65	8.72	-48.06	-227.13	-1657.88	27.93	253.71	-600.57
28253	81.11	1.65	8.72	26.49	-84.27	-2887.61	73.87	476.60	-490.04
28254	81.12	0.55	8.72	-1.49	-144.60	-2450.17	71.42	419.32	-548.48
28255	81.12	-0.55	8.72	-26.35	-188.83	-2027.84	66.15	366.02	-571.62
28256	81.11	-1.65	8.72	-48.36	-217.27	-1627.04	60.01	317.09	-569.53
28257	82.18	1.65	8.72	16.90	-71.41	-2799.55	108.88	603.22	-429.32
28258	82.19	0.55	8.72	-5.87	-129.41	-2383.77	105.99	526.25	-492.35
28259	82.19	-0.55	8.72	-27.03	-173.29	-1978.91	99.02	453.60	-521.15
28260	82.18	-1.65	8.72	-46.68	-203.06	-1591.77	90.33	386.19	-524.44
28261	83.24	1.65	8.72	-3.68	-57.19	-2677.95	135.41	727.84	-353.17
28262	83.26	0.55	8.72	-19.07	-111.73	-2291.02	133.92	634.46	-420.60
28263	83.26	-0.55	8.72	-34.12	-154.60	-1910.73	126.97	544.61	-455.60
28264	83.24	-1.65	8.72	-48.90	-185.35	-1543.96	117.14	459.89	-465.24
28265	84.30	1.65	8.72	-38.09	-43.35	-2518.18	151.71	840.31	-265.98
28266	84.33	0.55	8.72	-44.36	-93.14	-2165.70	153.08	735.32	-336.29
28267	84.33	-0.55	8.72	-51.18	-134.04	-1816.49	147.72	632.12	-376.92
28268	84.30	-1.65	8.72	-58.70	-165.02	-1476.87	138.18	533.08	-392.95
28269	85.37	1.65	8.72	-86.20	-31.56	-2323.29	156.58	928.26	-173.20
28270	85.40	0.55	8.72	-82.71	-75.55	-2008.63	161.67	817.34	-244.02
28271	85.40	-0.55	8.72	-79.93	-113.30	-1695.10	159.13	706.19	-288.61
28272	85.37	-1.65	8.72	-78.27	-143.30	-1388.03	151.15	597.69	-310.25
28273	86.43	1.65	8.72	-140.26	-22.39	-2103.28	150.82	981.48	-80.45
28274	86.47	0.55	8.72	-127.85	-59.98	-1827.14	159.61	870.55	-149.05
28275	86.47	-0.55	8.72	-115.65	-93.47	-1551.26	160.35	757.54	-195.25
28276	86.43	-1.65	8.72	-104.49	-121.15	-1279.78	154.73	645.57	-221.08
28277	87.50	1.65	8.72	-193.36	-16.67	-1873.88	135.56	994.07	6.87
28278	87.54	0.55	8.72	-173.64	-47.41	-1634.22	147.41	888.49	-56.73
28279	87.54	-0.55	8.72	-153.34	-75.65	-1395.06	151.24	779.57	-102.01
28280	87.50	-1.65	8.72	-133.64	-99.75	-1159.20	148.32	670.36	-130.14
28281	88.56	1.65	8.72	-233.75	-13.76	-1651.56	113.56	966.34	84.52
28282	88.60	0.55	8.72	-209.51	-37.57	-1444.25	127.15	870.26	28.26
28283	88.60	-0.55	8.72	-183.90	-60.01	-1238.34	133.29	770.37	-13.79
28284	88.56	-1.65	8.72	-158.33	-79.65	-1035.35	132.86	669.32	-42.22
28285	89.63	1.65	8.72	-256.92	-13.32	-1450.48	87.05	903.68	149.63
28286	89.67	0.55	8.72	-230.81	-30.38	-1270.07	100.97	819.75	102.35
28287	89.67	-0.55	8.72	-202.86	-46.80	-1092.14	108.41	732.26	65.41
28288	89.63	-1.65	8.72	-174.53	-61.40	-917.15	109.93	643.26	38.54
28289	90.69	1.65	8.72	-258.49	-14.22	-1279.85	58.39	813.11	200.39
28290	90.74	0.55	8.72	-233.24	-25.04	-1120.30	71.26	742.68	163.07
28291	90.74	-0.55	8.72	-206.13	-35.58	-964.21	78.89	669.42	132.62
28292	90.69	-1.65	8.72	-178.41	-45.00	-811.26	81.66	594.71	108.95
28293	91.76	1.65	8.72	-239.74	-15.75	-1144.51	29.29	702.26	235.80
28294	91.81	0.55	8.72	-217.56	-21.01	-999.72	39.99	645.40	208.90
28295	91.81	-0.55	8.72	-193.86	-26.07	-859.15	46.86	586.75	185.91
28296	91.76	-1.65	8.72	-169.59	-30.46	-721.97	50.13	527.05	166.79
28297	92.82	1.65	8.72	-203.13	-17.11	-1046.05	1.12	576.56	255.31
28298	92.88	0.55	8.72	-185.69	-17.60	-910.25	8.79	532.45	238.92
28299	92.88	-0.55	8.72	-167.36	-17.82	-779.18	14.06	487.78	224.05
28300	92.82	-1.65	8.72	-148.70	-17.59	-651.77	17.13	442.74	210.62
28301	93.88	1.65	8.72	-151.46	-17.55	-985.55	-24.86	440.18	258.72
28302	93.95	0.55	8.72	-139.93	-14.24	-853.37	-20.98	407.26	252.66
28303	93.95	-0.55	8.72	-128.25	-10.44	-726.26	-18.04	375.13	246.30
28304	93.88	-1.65	8.72	-116.67	-6.24	-603.02	-15.83	343.59	239.43
28305	94.95	1.65	8.72	-86.74	-16.29	-964.79	-47.44	297.45	246.74
28306	95.02	0.55	8.72	-81.65	-10.36	-831.56	-47.94	273.29	250.04
28307	95.02	-0.55	8.72	-77.45	-3.52	-703.17	-48.05	251.83	252.25
28308	94.95	-1.65	8.72	-73.72	3.84	-579.06	-47.56	231.73	253.00
28309	79.00	1.65	7.03	80.95	-68.29	-2672.10	-16.51	209.16	-400.29
28310	79.00	0.55	7.03	54.30	-113.36	-2304.02	-12.80	197.38	-473.58
28311	79.00	-0.55	7.03	29.75	-150.72	-1941.16	-9.78	184.96	-515.89
28312	79.00	-1.65	7.03	7.37	-179.08	-1589.46	-7.25	172.05	-532.14
28313	80.09	1.65	7.03	66.76	-66.72	-2626.28	17.65	335.56	-382.32
28314	80.09	0.55	7.03	41.38	-111.00	-2263.19	21.02	305.70	-455.43

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]
28315	80.09	-0.55	7.03	17.84	-147.96	-1904.84	22.57	275.84	-498.01
28316	80.09	-1.65	7.03	-3.74	-176.24	-1557.27	22.89	246.51	-514.71
28317	81.18	1.65	7.03	48.79	-63.50	-2559.36	48.61	457.67	-348.62
28318	81.19	0.55	7.03	26.52	-106.09	-2207.25	52.09	410.87	-422.16
28319	81.19	-0.55	7.03	5.57	-142.13	-1858.75	52.63	364.37	-466.06
28320	81.18	-1.65	7.03	-13.91	-170.12	-1519.87	51.12	319.10	-484.45
28321	82.27	1.65	7.03	24.86	-59.37	-2469.49	74.36	574.06	-300.98
28322	82.28	0.55	7.03	7.42	-99.36	-2133.88	78.67	512.38	-375.03
28323	82.28	-0.55	7.03	-9.30	-133.85	-1800.42	78.91	450.77	-420.83
28324	82.27	-1.65	7.03	-25.15	-161.17	-1474.96	76.21	390.66	-441.83
28325	83.36	1.65	7.03	-6.67	-55.19	-2355.30	93.31	680.87	-242.05
28326	83.38	0.55	7.03	-17.91	-91.69	-2040.79	99.11	607.22	-316.11
28327	83.38	-0.55	7.03	-28.90	-123.89	-1727.10	99.86	532.93	-363.82
28328	83.36	-1.65	7.03	-39.57	-149.99	-1419.66	96.75	459.91	-387.89
28329	84.45	1.65	7.03	-46.27	-51.81	-2217.90	104.34	772.28	-175.31
28330	84.47	0.55	7.03	-50.49	-84.06	-1927.79	112.12	690.26	-248.30
28331	84.47	-0.55	7.03	-54.60	-113.16	-1637.61	114.08	606.60	-297.34
28332	84.45	-1.65	7.03	-58.79	-137.32	-1352.13	111.34	523.61	-324.42
28333	85.54	1.65	7.03	-91.59	-49.88	-2061.76	107.15	842.08	-104.67
28334	85.57	0.55	7.03	-88.69	-77.22	-1797.73	117.04	755.69	-175.13
28335	85.57	-0.55	7.03	-85.52	-102.48	-1533.38	120.63	666.58	-224.44
28336	85.54	-1.65	7.03	-82.54	-123.94	-1272.59	118.90	577.33	-253.99
28337	86.63	1.65	7.03	-138.75	-49.82	-1894.89	102.12	885.12	-34.22
28338	86.66	0.55	7.03	-129.33	-71.78	-1656.88	113.85	798.32	-100.47
28339	86.66	-0.55	7.03	-119.24	-92.59	-1418.93	119.15	707.93	-148.72
28340	86.63	-1.65	7.03	-109.24	-110.63	-1183.88	118.82	616.59	-179.76
28341	87.72	1.65	7.03	-181.70	-51.48	-1727.37	90.50	898.75	32.32
28342	87.76	0.55	7.03	-167.09	-67.91	-1513.72	103.40	815.08	-28.17
28343	87.76	-0.55	7.03	-151.33	-83.86	-1300.96	110.14	727.33	-73.90
28344	87.72	-1.65	7.03	-135.38	-97.93	-1090.89	111.28	637.97	-105.23
28345	88.81	1.65	7.03	-215.40	-54.55	-1569.80	73.84	883.02	91.76
28346	88.86	0.55	7.03	-197.30	-65.58	-1377.53	87.03	805.31	38.35
28347	88.86	-0.55	7.03	-177.64	-76.53	-1187.22	94.66	723.46	-3.47
28348	88.81	-1.65	7.03	-157.49	-86.27	-999.71	97.07	639.59	-33.79
28349	89.90	1.65	7.03	-235.05	-58.38	-1431.36	54.03	840.18	141.63
28350	89.95	0.55	7.03	-215.42	-64.37	-1256.65	66.52	770.40	96.28
28351	89.95	-0.55	7.03	-194.01	-70.47	-1084.96	74.29	696.81	59.57
28352	89.90	-1.65	7.03	-171.87	-75.82	-916.36	77.56	621.09	31.55
28353	91.00	1.65	7.03	-238.52	-62.27	-1318.98	32.83	773.76	180.15
28354	91.05	0.55	7.03	-219.16	-63.82	-1157.57	43.66	712.98	143.49
28355	91.05	-0.55	7.03	-198.09	-65.43	-1000.04	50.79	649.06	112.85
28356	91.00	-1.65	7.03	-176.23	-66.58	-845.96	54.36	583.20	88.32
28357	92.09	1.65	7.03	-225.06	-65.44	-1236.86	11.85	687.43	206.11
28358	92.14	0.55	7.03	-207.56	-63.29	-1084.43	20.20	635.93	178.46
28359	92.14	-0.55	7.03	-188.71	-61.02	-936.49	25.94	582.22	154.61
28360	92.09	-1.65	7.03	-169.18	-58.39	-792.27	29.19	527.01	134.64
28361	93.18	1.65	7.03	-195.68	-67.19	-1186.99	-7.57	584.87	218.86
28362	93.24	0.55	7.03	-181.26	-62.19	-1039.48	-2.36	542.19	200.22
28363	93.24	-0.55	7.03	-166.08	-56.79	-896.73	1.34	498.44	183.65
28364	93.18	-1.65	7.03	-150.53	-51.02	-757.85	3.64	453.92	169.13
28365	94.27	1.65	7.03	-152.34	-66.80	-1169.59	-24.30	469.99	218.35
28366	94.33	0.55	7.03	-141.79	-59.93	-1023.39	-22.73	435.04	208.44
28367	94.33	-0.55	7.03	-131.21	-52.31	-881.92	-21.62	400.30	199.35
28368	94.27	-1.65	7.03	-120.76	-44.16	-744.29	-20.81	365.79	190.87
28369	95.36	1.65	7.03	-97.77	-63.80	-1183.54	-37.52	347.99	205.50
28370	95.43	0.55	7.03	-91.28	-56.02	-1035.77	-39.79	318.88	203.29
28371	95.43	-0.55	7.03	-85.74	-47.13	-892.16	-41.66	291.73	201.47
28372	95.36	-1.65	7.03	-80.86	-37.53	-752.44	-42.91	265.66	199.70
28373	79.01	1.65	5.34	83.92	-72.69	-2339.00	-20.00	184.59	-297.04
28374	79.01	0.55	5.34	65.02	-99.46	-2042.53	-16.16	174.19	-375.19
28375	79.01	-0.55	5.34	46.40	-124.03	-1745.00	-13.00	162.89	-427.39
28376	79.01	-1.65	5.34	28.37	-144.58	-1451.62	-10.47	150.89	-455.97
28377	80.13	1.65	5.34	67.64	-73.28	-2300.20	4.14	304.55	-282.80
28378	80.13	0.55	5.34	49.80	-99.30	-2007.22	9.01	280.11	-360.12
28379	80.13	-0.55	5.34	32.19	-123.29	-1713.22	12.19	254.65	-411.96
28380	80.13	-1.65	5.34	15.17	-143.42	-1423.39	13.94	228.76	-440.51
28381	81.24	1.65	5.34	44.76	-73.93	-2240.91	25.65	418.42	-256.54
28382	81.25	0.55	5.34	29.50	-98.37	-1955.78	31.68	380.93	-332.93
28383	81.25	-0.55	5.34	14.37	-121.13	-1669.50	35.06	342.16	-384.74
28384	81.24	-1.65	5.34	-0.35	-140.37	-1387.07	36.19	303.13	-413.89
28385	82.36	1.65	5.34	15.28	-74.95	-2162.18	43.08	523.99	-219.71
28386	82.38	0.55	5.34	3.90	-97.03	-1888.71	50.45	475.12	-294.84
28387	82.38	-0.55	5.34	-7.47	-117.91	-1613.95	54.32	424.53	-346.71
28388	82.36	-1.65	5.34	-18.62	-135.74	-1342.53	55.17	373.65	-376.92
28389	83.48	1.65	5.34	-20.59	-76.71	-2065.70	55.31	618.26	-174.38
28390	83.50	0.55	5.34	-27.15	-95.75	-1806.92	64.17	560.22	-247.68
28391	83.50	-0.55	5.34	-33.70	-114.10	-1546.84	68.83	499.89	-299.43
28392	83.48	-1.65	5.34	-40.22	-129.99	-1289.57	69.80	439.03	-330.86
28393	84.60	1.65	5.34	-61.72	-79.56	-1954.58	61.69	697.70	-123.13
28394	84.62	0.55	5.34	-62.95	-94.97	-1712.48	72.05	633.11	-193.80
28395	84.62	-0.55	5.34	-64.05	-110.23	-1469.36	77.72	565.60	-244.97
28396	84.60	-1.65	5.34	-65.20	-123.62	-1228.64	79.19	497.15	-277.49
28397	85.71	1.65	5.34	-105.89	-83.69	-1833.77	62.10	758.87	-68.81
28398	85.74	0.55	5.34	-101.80	-95.08	-1609.19	73.77	690.52	-135.91
28399	85.74	-0.55	5.34	-97.32	-106.77	-1384.20	80.53	618.67	-185.81
28400	85.71	-1.65	5.34	-92.81	-117.17	-1161.41	82.77	545.42	-219.02
28401	86.83	1.65	5.34	-149.65	-89.07	-1709.91	57.01	799.20	-14.33
28402	86.86	0.55	5.34	-140.78	-96.27	-1502.51	69.57	729.80	-76.88
28403	86.86	-0.55	5.34	-131.13	-104.06	-1295.57	77.28	656.49	-124.68
28404	86.83	-1.65	5.34	-121.28	-111.07	-1090.91	80.40	581.34	-157.95
28405	87.95	1.65	5.34	-189.06	-95.48	-1590.72	47.35	817.36	37.60
28406	87.98	0.55	5.34	-176.35	-98.52	-1399.07	60.19	749.32	-19.50
28407	87.98	-0.55	5.34	-162.47	-102.29	-1208.95	68.50	677.21	-64.32
28408	87.95	-1.65	5.34	-148.14	-105.68	-1021.39	72.43	602.93	-96.87
28409	89.07	1.65	5.34	-219.94	-102.45	-1484.12	34.46	813.37	84.58
28410	89.11	0.55	5.34	-204.64	-101.60	-1305.93	46.81	748.66	33.68
28411	89.11	-0.55	5.34	-187.85	-101.46	-1130.39	55.20	679.96	-7.31
28412	89.07	-1.65	5.34	-170.37	-101.20	-957.82	59.67	608.94	-38.28
28413	90.18	1.65	5.34	-238.74	-109.35	-1397.35	19.85	788.22	124.62



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]
28414	90.23	0.55	5.34	-222.24	-105.09	-1229.76	30.91	728.28	80.50
28415	90.23	-0.55	5.34	-204.09	-101.37	-1065.79	38.73	664.68	44.10
28416	90.18	-1.65	5.34	-185.07	-97.63	-905.25	43.30	598.78	15.57
28417	91.30	1.65	5.34	-242.69	-115.41	-1336.14	5.15	743.26	156.08
28418	91.35	0.55	5.34	-226.35	-108.40	-1175.99	14.10	688.99	119.15
28419	91.35	-0.55	5.34	-208.43	-101.62	-1020.20	20.64	631.60	88.00
28420	91.30	-1.65	5.34	-189.61	-94.81	-868.21	24.75	572.12	62.79
28421	92.42	1.65	5.34	-230.43	-119.79	-1303.99	-8.19	679.75	177.66
28422	92.47	0.55	5.34	-215.44	-110.83	-1148.19	-2.06	631.54	148.19
28423	92.47	-0.55	5.34	-199.19	-101.70	-997.12	2.53	580.96	122.86
28424	92.42	-1.65	5.34	-182.18	-92.39	-850.04	5.57	528.70	101.78
28425	93.54	1.65	5.34	-202.23	-121.65	-1301.49	-18.98	598.82	188.44
28426	93.59	0.55	5.34	-189.47	-111.59	-1147.32	-16.18	556.62	166.53
28427	93.59	-0.55	5.34	-176.02	-100.95	-997.81	-14.13	512.97	147.47
28428	93.54	-1.65	5.34	-162.16	-89.92	-852.24	-12.74	468.28	131.26
28429	94.65	1.65	5.34	-160.61	-120.30	-1325.98	-26.58	502.40	187.94
28430	94.71	0.55	5.34	-150.55	-110.06	-1171.34	-27.39	465.69	173.50
28431	94.71	-0.55	5.34	-140.53	-98.81	-1020.88	-28.20	428.62	160.98
28432	94.65	-1.65	5.34	-130.66	-86.85	-874.04	-28.91	391.38	150.21
28433	95.77	1.65	5.34	-109.90	-115.53	-1371.41	-31.38	394.32	176.99
28434	95.84	0.55	5.34	-102.51	-105.78	-1215.19	-35.57	362.00	169.35
28435	95.84	-0.55	5.34	-96.10	-94.74	-1062.19	-39.29	330.86	163.29
28436	95.77	-1.65	5.34	-90.44	-82.76	-912.40	-42.32	300.37	158.53
28437	64.01	1.65	17.16	62.87	-137.69	37.38	131.97	88.96	201.45
28438	63.93	0.55	17.16	42.61	-150.67	37.86	144.97	70.27	206.77
28439	63.93	-0.55	17.16	20.05	-164.00	38.90	158.29	51.01	210.06
28440	64.01	-1.65	17.16	-4.25	-176.84	40.26	172.41	32.11	211.08
28441	64.94	1.65	17.16	127.05	-165.59	-37.06	253.44	67.05	123.67
28442	64.86	0.55	17.16	89.81	-163.91	-31.23	274.76	56.57	131.13
28443	64.86	-0.55	17.16	48.63	-162.51	-25.62	292.67	45.81	136.90
28444	64.94	-1.65	17.16	4.71	-161.30	-19.85	307.06	34.50	141.04
28445	65.87	1.65	17.16	144.32	-196.58	-66.40	360.65	14.42	97.46
28446	65.80	0.55	17.16	96.04	-180.47	-57.97	388.69	11.83	102.82
28447	65.80	-0.55	17.16	42.42	-164.24	-50.38	409.78	8.77	107.35
28448	65.87	-1.65	17.16	-14.64	-148.43	-43.09	424.09	5.21	110.93
28449	66.80	1.65	17.16	90.57	-242.13	-91.75	465.24	-64.59	86.42
28450	66.74	0.55	17.16	38.65	-208.73	-80.25	497.17	-57.20	87.88
28451	66.74	-0.55	17.16	-19.59	-175.49	-70.32	519.22	-50.74	89.49
28452	66.80	-1.65	17.16	-81.49	-143.27	-61.11	531.77	-45.09	90.91
28453	67.73	1.65	17.16	-75.90	-310.26	-140.80	573.86	-187.86	78.69
28454	67.68	0.55	17.16	-119.33	-255.14	-122.86	604.75	-164.78	74.42
28455	67.68	-0.55	17.16	-169.54	-201.49	-107.58	623.82	-143.84	71.82
28456	67.73	-1.65	17.16	-223.44	-150.05	-93.60	631.68	-124.68	70.06
28457	68.67	1.65	17.16	-433.87	-412.64	-259.64	688.92	-409.79	68.02
28458	68.61	0.55	17.16	-445.90	-330.00	-226.14	710.03	-357.44	54.81
28459	68.61	-0.55	17.16	-464.94	-251.75	-197.30	719.85	-310.04	45.82
28460	68.67	-1.65	17.16	-488.01	-177.51	-170.95	718.92	-266.48	39.26
28461	69.60	1.65	17.16	-1140.13	-577.56	-576.50	807.91	-876.02	49.83
28462	69.55	0.55	17.16	-1075.23	-460.08	-502.47	804.59	-761.62	19.83
28463	69.55	-0.55	17.16	-1018.26	-351.33	-436.60	795.62	-657.65	-1.19
28464	69.60	-1.65	17.16	-966.70	-248.63	-375.15	780.36	-561.13	-16.50
28465	70.53	1.65	17.16	-2508.72	-879.50	-1437.77	923.65	-1997.96	29.67
28466	70.49	0.55	17.16	-2276.50	-715.01	-1252.92	872.95	-1737.05	-40.08
28467	70.49	-0.55	17.16	-2055.35	-563.84	-1086.31	830.81	-1495.27	-89.39
28468	70.53	-1.65	17.16	-1842.61	-420.45	-929.19	793.61	-1265.94	-124.70
28469	71.46	1.65	17.16	-5337.24	-2043.19	-7065.17	1035.18	-5592.83	128.09
28470	71.42	0.55	17.16	-4744.84	-1742.97	-6216.57	917.59	-4891.17	-73.63
28471	71.42	-0.55	17.16	-4166.19	-1448.70	-5362.39	830.53	-4201.92	-221.33
28472	71.46	-1.65	17.16	-3596.59	-1156.56	-4491.38	766.94	-3515.25	-322.70
28473	72.39	1.65	17.16	-1298.48	-1989.53	-11665.30	91.94	-882.46	-277.93
28474	72.36	0.55	17.16	-1122.11	-1760.95	-10390.40	166.50	-726.06	-292.37
28475	72.36	-0.55	17.16	-980.29	-1503.42	-8979.60	215.75	-608.24	-294.45
28476	72.39	-1.65	17.16	-858.59	-1229.80	-7452.35	248.37	-514.58	-286.92
28477	73.32	1.65	17.16	-1736.86	-1417.26	-7028.65	386.25	2819.94	-659.39
28478	73.30	0.55	17.16	-1690.43	-1154.46	-6254.95	355.83	2876.22	-399.83
28479	73.30	-0.55	17.16	-1530.91	-957.35	-5422.68	259.91	2572.57	-262.32
28480	73.32	-1.65	17.16	-1268.26	-794.33	-4509.07	173.68	2041.09	-133.29
28481	74.26	1.65	17.16	-842.71	-559.41	-1931.63	244.89	747.82	-681.87
28482	74.23	0.55	17.16	-768.55	-148.31	-1367.15	233.64	914.60	-209.76
28483	74.23	-0.55	17.16	-701.55	-34.74	-1141.74	167.57	858.05	-54.87
28484	74.26	-1.65	17.16	-612.97	-88.92	-1077.61	99.10	656.98	127.55
28485	75.19	1.65	17.16	-467.82	-494.81	-1267.95	185.76	174.43	-869.05
28486	75.17	0.55	17.16	-339.86	68.48	-627.32	152.39	268.46	-212.13
28487	75.17	-0.55	17.16	-304.48	200.03	-475.93	97.39	280.03	21.80
28488	75.19	-1.65	17.16	-307.56	72.05	-580.37	30.14	228.67	279.27
28489	76.12	1.65	17.16	-338.63	-504.27	-1090.76	154.88	53.14	-975.78
28490	76.11	0.55	17.16	-165.64	133.32	-415.15	102.88	78.61	-246.84
28491	76.11	-0.55	17.16	-134.14	288.65	-275.86	49.01	97.19	43.51
28492	76.12	-1.65	17.16	-178.85	140.57	-430.98	-18.05	106.81	336.73
28493	77.05	1.65	17.16	-298.15	-512.62	-1036.95	122.86	45.30	-1014.70
28494	77.04	0.55	17.16	-103.25	150.38	-357.24	64.51	37.89	-269.66
28495	77.04	-0.55	17.16	-67.33	320.37	-217.84	12.94	49.22	44.76
28496	77.05	-1.65	17.16	-124.50	173.28	-380.49	-50.30	76.52	348.15
28497	77.98	1.65	17.16	-280.16	-511.13	-1013.58	85.44	67.79	-1020.42
28498	77.98	0.55	17.16	-75.68	153.57	-338.66	27.93	43.26	-277.12
28499	77.98	-0.55	17.16	-36.41	328.61	-198.65	-17.52	46.11	42.34
28500	77.98	-1.65	17.16	-96.39	187.20	-356.98	-74.95	75.69	343.93
28501	63.60	1.65	15.47	-6.97	-23.51	59.28	86.11	50.34	360.52
28502	63.52	0.55	15.47	-14.41	-32.06	67.00	91.56	31.05	371.23
28503	63.52	-0.55	15.47	-23.48	-39.73	75.12	97.19	9.35	378.01
28504	63.60	-1.65	15.47	-33.64	-46.52	83.24	102.93	-12.78	380.68
28505	64.55	1.65	15.47	-113.43	-49.96	-126.49	99.31	-51.08	282.90
28506	64.48	0.55	15.47	-109.70	-58.39	-105.91	105.05	-54.60	289.25
28507	64.48	-0.55	15.47	-108.56	-65.64	-85.89	111.48	-60.00	293.47
28508	64.55	-1.65	15.47	-109.76	-71.75	-66.13	117.60	-67.00	295.40
28509	65.51	1.65	15.47	-266.37	-77.78	-240.38	128.92	-189.15	229.29
28510	65.45	0.55	15.47	-248.95	-83.88	-210.42	131.88	-173.68	228.82
28511	65.45	-0.55	15.47	-234.79	-88.12	-182.25	135.79	-160.36	228.70
28512	65.51	-1.65	15.47	-223.39	-90.83	-155.47	139.57	-148.85	228.35

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]
28513	66.47	1.65	15.47	-472.70	-111.15	-352.22	156.14	-390.77	190.45
28514	66.41	0.55	15.47	-435.25	-113.67	-310.43	153.68	-349.63	179.80
28515	66.41	-0.55	15.47	-401.54	-113.74	-272.03	153.27	-311.00	172.46
28516	66.47	-1.65	15.47	-370.94	-111.99	-236.36	153.18	-274.61	167.30
28517	67.43	1.65	15.47	-744.54	-157.22	-530.65	171.77	-690.20	152.50
28518	67.37	0.55	15.47	-677.39	-155.73	-467.59	161.65	-611.00	127.00
28519	67.37	-0.55	15.47	-614.58	-150.49	-409.99	155.74	-535.20	109.20
28520	67.43	-1.65	15.47	-555.41	-142.69	-356.85	151.06	-462.56	96.84
28521	68.39	1.65	15.47	-1080.94	-228.50	-881.48	167.54	-1142.27	101.55
28522	68.34	0.55	15.47	-972.82	-222.31	-775.06	149.01	-1004.07	55.07
28523	68.34	-0.55	15.47	-869.97	-209.59	-677.16	137.68	-871.09	22.92
28524	68.39	-1.65	15.47	-771.63	-192.65	-586.13	128.79	-742.82	0.80
28525	69.35	1.65	15.47	-1418.12	-347.33	-1616.07	132.91	-1813.28	21.41
28526	69.30	0.55	15.47	-1263.43	-334.02	-1417.91	110.12	-1584.94	-53.21
28527	69.30	-0.55	15.47	-1115.80	-308.94	-1232.97	97.32	-1364.54	-104.08
28528	69.35	-1.65	15.47	-974.23	-276.48	-1058.01	87.44	-1150.82	-138.68
28529	70.30	1.65	15.47	-1485.97	-565.03	-3274.35	51.87	-2669.99	-110.24
28530	70.26	0.55	15.47	-1309.37	-536.64	-2874.14	44.21	-2322.80	-216.25
28531	70.26	-0.55	15.47	-1144.27	-486.66	-2486.81	45.05	-1985.04	-287.35
28532	70.30	-1.65	15.47	-988.96	-423.23	-2107.81	45.31	-1654.91	-334.73
28533	71.26	1.65	15.47	-26.31	-624.83	-5141.58	-118.42	-2261.16	-378.75
28534	71.23	0.55	15.47	5.47	-602.97	-4517.18	-47.43	-1926.84	-456.61
28535	71.23	-0.55	15.47	1.58	-543.31	-3895.12	15.08	-1618.89	-501.74
28536	71.26	-1.65	15.47	-30.29	-461.35	-3271.20	58.05	-1331.09	-529.68
28537	72.22	1.65	15.47	140.87	-857.82	-6224.17	-58.89	-1090.22	-672.75
28538	72.19	0.55	15.47	197.87	-792.23	-5410.64	75.37	-791.80	-649.75
28539	72.19	-0.55	15.47	169.79	-683.54	-4642.44	183.65	-607.66	-621.16
28540	72.22	-1.65	15.47	81.26	-554.20	-3891.33	258.30	-502.06	-596.89
28541	73.18	1.65	15.47	-189.18	-1073.49	-6024.94	-201.12	333.03	-982.03
28542	73.15	0.55	15.47	-73.01	-942.41	-5042.68	36.69	570.35	-735.10
28543	73.15	-0.55	15.47	-54.48	-780.94	-4281.81	216.77	592.81	-559.57
28544	73.18	-1.65	15.47	-106.87	-621.20	-3638.13	347.75	465.64	-425.58
28545	74.14	1.65	15.47	-983.72	-1243.07	-4665.89	-156.76	990.05	-1324.75
28546	74.12	0.55	15.47	-880.37	-1050.50	-3568.97	38.35	1183.52	-801.53
28547	74.12	-0.55	15.47	-776.83	-836.81	-2953.90	195.23	1136.63	-440.96
28548	74.14	-1.65	15.47	-675.58	-652.45	-2619.36	303.68	913.01	-168.73
28549	75.10	1.65	15.47	-974.56	-1212.14	-3378.05	-96.19	612.71	-1545.20
28550	75.08	0.55	15.47	-885.31	-1005.79	-2188.30	18.65	743.95	-838.67
28551	75.08	-0.55	15.47	-788.60	-768.15	-1701.03	126.64	737.37	-336.82
28552	75.10	-1.65	15.47	-683.52	-571.81	-1649.46	197.78	618.35	33.47
28553	76.05	1.65	15.47	-842.51	-1202.39	-2892.19	-31.89	360.75	-1674.85
28554	76.04	0.55	15.47	-733.30	-1006.53	-1649.45	11.49	418.46	-879.01
28555	76.04	-0.55	15.47	-651.04	-753.90	-1196.23	62.98	428.63	-287.09
28556	76.05	-1.65	15.47	-580.87	-535.03	-1252.12	95.50	392.97	141.63
28557	77.01	1.65	15.47	-740.62	-1184.52	-2685.30	11.51	249.15	-1729.20
28558	77.01	0.55	15.47	-602.59	-1006.71	-1430.87	9.58	256.46	-904.34
28559	77.01	-0.55	15.47	-526.56	-749.10	-985.90	16.87	265.62	-271.02
28560	77.01	-1.65	15.47	-486.78	-513.79	-1072.55	18.67	272.21	183.48
28561	77.97	1.65	15.47	-683.92	-1161.80	-2587.82	28.47	207.14	-1736.99
28562	77.97	0.55	15.47	-526.50	-998.45	-1339.60	5.15	186.04	-911.22
28563	77.97	-0.55	15.47	-451.47	-740.59	-896.58	-16.48	188.39	-268.14
28564	77.97	-1.65	15.47	-427.61	-497.04	-983.57	-36.91	212.45	190.42
28565	63.18	1.65	13.78	-40.95	30.42	-109.20	67.00	-70.48	339.41
28566	63.11	0.55	13.78	-42.78	29.82	-74.17	68.13	-75.12	351.06
28567	63.11	-0.55	13.78	-45.70	30.45	-40.71	68.75	-83.05	358.94
28568	63.18	-1.65	13.78	-48.96	31.92	-8.79	68.71	-92.16	362.57
28569	64.17	1.65	13.78	-172.56	15.95	-308.34	32.23	-245.98	310.33
28570	64.10	0.55	13.78	-158.09	9.13	-262.53	30.16	-232.15	310.22
28571	64.10	-0.55	13.78	-144.41	3.67	-218.61	29.76	-220.49	308.73
28572	64.17	-1.65	13.78	-131.73	-0.41	-175.68	30.03	-210.51	305.39
28573	65.15	1.65	13.78	-328.15	-0.23	-485.81	9.59	-429.58	270.95
28574	65.09	0.55	13.78	-296.28	-12.34	-426.46	2.86	-394.03	259.12
28575	65.09	-0.55	13.78	-264.62	-22.34	-369.81	-0.41	-360.30	249.21
28576	65.15	-1.65	13.78	-233.71	-30.16	-314.95	-1.18	-328.12	240.34
28577	66.14	1.65	13.78	-498.44	-19.81	-683.52	-10.23	-654.85	225.47
28578	66.08	0.55	13.78	-447.61	-36.35	-604.86	-22.95	-591.68	200.15
28579	66.08	-0.55	13.78	-396.04	-50.09	-530.22	-29.93	-529.67	180.63
28580	66.14	-1.65	13.78	-344.84	-60.87	-458.60	-32.64	-469.05	165.46
28581	67.12	1.65	13.78	-661.13	-45.73	-963.39	-36.56	-940.59	170.13
28582	67.07	0.55	13.78	-590.38	-67.01	-853.75	-55.06	-841.22	128.01
28583	67.07	-0.55	13.78	-518.18	-83.98	-749.43	-65.07	-741.99	96.91
28584	67.12	-1.65	13.78	-446.24	-96.63	-649.45	-69.07	-643.94	74.35
28585	68.11	1.65	13.78	-769.22	-83.39	-1406.40	-76.24	-1283.65	95.54
28586	68.06	0.55	13.78	-681.49	-110.22	-1245.01	-97.10	-1138.28	33.42
28587	68.06	-0.55	13.78	-592.63	-129.52	-1089.67	-106.75	-991.91	-10.64
28588	68.11	-1.65	13.78	-504.87	-141.94	-939.79	-109.28	-846.69	-40.93
28589	69.09	1.65	13.78	-732.98	-138.65	-2103.54	-132.41	-1620.21	-11.28
28590	69.05	0.55	13.78	-640.41	-171.85	-1858.47	-146.56	-1423.96	-93.04
28591	69.05	-0.55	13.78	-549.92	-191.28	-1618.46	-148.04	-1226.44	-148.12
28592	69.09	-1.65	13.78	-463.50	-199.30	-1384.05	-143.39	-1030.94	-183.89
28593	70.08	1.65	13.78	-424.53	-191.08	-2957.26	-199.88	-1713.79	-166.04
28594	70.04	0.55	13.78	-353.06	-233.38	-2604.78	-191.10	-1484.38	-254.43
28595	70.04	-0.55	13.78	-293.94	-251.61	-2255.68	-171.03	-1259.66	-308.27
28596	70.08	-1.65	13.78	-247.05	-251.39	-1912.17	-150.27	-1042.66	-340.20
28597	71.06	1.65	13.78	-250.90	-295.19	-3820.83	-240.19	-1569.44	-356.17
28598	71.03	0.55	13.78	-181.24	-339.84	-3339.53	-201.49	-1315.73	-430.43
28599	71.03	-0.55	13.78	-140.40	-346.28	-2871.51	-153.74	-1088.68	-464.05
28600	71.06	-1.65	13.78	-124.02	-324.91	-2417.59	-113.60	-886.62	-478.99
28601	72.05	1.65	13.78	52.10	-385.39	-4474.82	-296.82	-1143.68	-582.45
28602	72.02	0.55	13.78	87.60	-439.28	-3851.28	-214.91	-889.69	-609.02
28603	72.02	-0.55	13.78	90.23	-431.17	-3278.66	-128.01	-693.86	-590.70
28604	72.05	-1.65	13.78	63.88	-380.97	-2750.17	-62.23	-548.81	-568.81
28605	73.03	1.65	13.78	91.47	-489.61	-4745.89	-272.47	-540.58	-818.17
28606	73.01	0.55	13.78	97.84	-560.22	-3984.98	-172.57	-318.91	-771.15
28607	73.01	-0.55	13.78	86.07	-529.14	-3344.10	-63.89	-181.62	-669.63
28608	73.03	-1.65	13.78	55.18	-433.27	-2803.99	13.18	-117.81	-595.22
28609	74.02	1.65	13.78	-66.05	-571.07	-4577.41	-245.42	6.90	-1017.22
28610	74.00	0.55	13.78	-62.49	-664.78	-3708.71	-135.16	174.33	-886.18
28611	74.00	-0.55	13.78	-64.06	-611.80	-3048.58	-19.64	248.61	-686.97

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]
28612	74.02	-1.65	13.78	-74.34	-467.18	-2563.38	63.12	241.98	-553.14
28613	75.00	1.65	13.78	-363.10	-639.23	-4136.44	-186.97	302.73	-1177.01
28614	74.99	0.55	13.78	-356.81	-749.22	-3201.49	-96.76	418.01	-963.35
28615	74.99	-0.55	13.78	-331.16	-679.06	-2558.93	-3.14	451.17	-674.15
28616	75.00	-1.65	13.78	-295.62	-494.40	-2161.87	65.94	413.13	-482.16
28617	75.99	1.65	13.78	-492.32	-659.47	-3697.84	-123.29	323.48	-1280.12
28618	75.98	0.55	13.78	-478.90	-782.09	-2726.43	-66.47	390.96	-1008.75
28619	75.98	-0.55	13.78	-441.98	-704.33	-2108.21	-5.38	410.28	-657.38
28620	75.99	-1.65	13.78	-390.72	-496.42	-1787.26	41.71	385.30	-422.40
28621	76.97	1.65	13.78	-533.04	-662.37	-3432.39	-67.37	287.75	-1333.27
28622	76.97	0.55	13.78	-506.04	-795.69	-2446.92	-42.04	315.33	-1033.24
28623	76.97	-0.55	13.78	-464.48	-715.26	-1840.37	-13.19	325.91	-647.53
28624	76.97	-1.65	13.78	-413.88	-494.61	-1555.66	10.77	318.63	-387.37
28625	77.96	1.65	13.78	-541.09	-655.36	-3285.87	-25.55	251.60	-1348.98
28626	77.96	0.55	13.78	-502.40	-794.95	-2300.41	-22.86	251.41	-1040.83
28627	77.96	-0.55	13.78	-458.71	-714.24	-1698.31	-20.92	253.97	-643.14
28628	77.96	-1.65	13.78	-412.43	-489.03	-1423.73	-17.81	258.48	-373.55
28629	62.77	1.65	12.09	-68.02	27.65	-406.01	41.02	-179.17	260.11
28630	62.70	0.55	12.09	-64.61	34.35	-337.06	40.96	-169.21	269.47
28631	62.70	-0.55	12.09	-62.07	42.28	-271.74	39.96	-162.34	276.28
28632	62.77	-1.65	12.09	-59.73	50.82	-209.48	37.84	-157.00	280.25
28633	63.78	1.65	12.09	-181.31	23.69	-549.83	-1.82	-379.38	264.42
28634	63.72	0.55	12.09	-164.21	23.54	-475.36	-6.86	-353.15	259.42
28635	63.72	-0.55	12.09	-146.94	24.52	-404.34	-10.44	-328.23	254.01
28636	63.78	-1.65	12.09	-129.83	26.35	-335.52	-13.20	-304.33	247.99
28637	64.80	1.65	12.09	-293.83	18.88	-721.46	-41.11	-570.17	249.18
28638	64.73	0.55	12.09	-263.33	11.31	-635.31	-50.86	-524.79	230.21
28639	64.73	-0.55	12.09	-231.58	5.28	-552.59	-57.04	-479.63	213.90
28640	64.80	-1.65	12.09	-199.46	0.79	-472.13	-60.19	-434.82	199.91
28641	65.81	1.65	12.09	-395.80	12.29	-932.80	-78.52	-766.95	216.50
28642	65.75	0.55	12.09	-352.78	-2.69	-827.64	-92.79	-699.06	183.30
28643	65.75	-0.55	12.09	-307.24	-15.71	-726.11	-101.25	-630.08	156.40
28644	65.81	-1.65	12.09	-260.76	-26.48	-627.24	-104.67	-560.79	135.22
28645	66.82	1.65	12.09	-467.36	2.66	-1211.81	-117.27	-973.60	166.26
28646	66.76	0.55	12.09	-413.95	-20.14	-1077.81	-134.89	-879.53	117.84
28647	66.76	-0.55	12.09	-357.22	-40.12	-947.29	-144.40	-782.74	80.26
28648	66.82	-1.65	12.09	-299.40	-56.70	-819.73	-147.10	-684.98	52.42
28649	67.83	1.65	12.09	-479.76	-11.61	-1587.13	-159.69	-1171.40	95.54
28650	67.78	0.55	12.09	-420.50	-42.95	-1411.36	-177.57	-1048.78	31.43
28651	67.78	-0.55	12.09	-358.43	-69.64	-1237.88	-185.27	-921.90	-16.18
28652	67.83	-1.65	12.09	-296.12	-91.01	-1067.24	-185.01	-793.75	-49.39
28653	68.84	1.65	12.09	-410.01	-30.91	-2056.63	-204.79	-1311.23	0.17
28654	68.80	0.55	12.09	-351.84	-71.71	-1825.18	-217.66	-1161.55	-77.45
28655	68.80	-0.55	12.09	-293.73	-104.46	-1593.92	-218.98	-1007.75	-132.00
28656	68.84	-1.65	12.09	-237.95	-128.80	-1365.25	-212.49	-853.85	-167.43
28657	69.85	1.65	12.09	-298.56	-63.94	-2597.02	-246.41	-1361.54	-120.45
28658	69.81	0.55	12.09	-245.36	-113.83	-2294.71	-248.78	-1188.00	-206.18
28659	69.81	-0.55	12.09	-197.08	-150.23	-1991.88	-239.12	-1014.36	-261.63
28660	69.85	-1.65	12.09	-154.95	-173.64	-1693.04	-223.48	-844.81	-294.18
28661	70.86	1.65	12.09	-112.32	-101.77	-3136.35	-283.00	-1268.61	-266.10
28662	70.83	0.55	12.09	-77.13	-161.59	-2751.75	-268.35	-1082.37	-349.38
28663	70.83	-0.55	12.09	-50.40	-199.62	-2370.44	-242.63	-903.85	-395.42
28664	70.86	-1.65	12.09	-32.68	-217.99	-1998.75	-215.05	-736.58	-417.40
28665	71.88	1.65	12.09	13.33	-155.87	-3583.30	-294.08	-1033.37	-425.54
28666	71.85	0.55	12.09	31.10	-223.77	-3113.61	-263.32	-850.08	-494.36
28667	71.85	-0.55	12.09	39.21	-259.32	-2657.14	-222.63	-684.39	-519.36
28668	71.88	-1.65	12.09	37.70	-266.19	-2221.87	-184.69	-538.56	-522.72
28669	72.89	1.65	12.09	86.19	-212.03	-3855.27	-290.37	-713.62	-583.15
28670	72.86	0.55	12.09	86.20	-286.83	-3309.18	-244.36	-547.49	-626.89
28671	72.86	-0.55	12.09	78.49	-318.03	-2791.96	-191.16	-408.59	-620.93
28672	72.89	-1.65	12.09	63.33	-309.75	-2313.46	-144.97	-297.47	-599.00
28673	73.90	1.65	12.09	60.71	-269.96	-3937.90	-258.87	-380.76	-727.43
28674	73.88	0.55	12.09	46.23	-349.88	-3328.80	-207.12	-242.36	-738.31
28675	73.88	-0.55	12.09	31.82	-374.84	-2770.62	-149.91	-138.10	-695.19
28676	73.90	-1.65	12.09	16.51	-348.89	-2273.67	-102.26	-66.45	-644.17
28677	74.91	1.65	12.09	-22.99	-317.05	-3862.92	-214.11	-104.62	-844.79
28678	74.89	0.55	12.09	-43.06	-401.80	-3205.87	-164.10	-1.13	-821.17
28679	74.89	-0.55	12.09	-56.31	-420.46	-2627.11	-110.45	68.53	-740.49
28680	74.91	-1.65	12.09	-64.63	-377.83	-2134.77	-66.50	106.75	-660.97
28681	75.92	1.65	12.09	-140.29	-352.45	-3703.84	-159.68	78.50	-930.55
28682	75.91	0.55	12.09	-159.81	-441.25	-3016.22	-120.28	146.76	-876.93
28683	75.91	-0.55	12.09	-165.79	-454.68	-2431.65	-78.60	188.07	-764.14
28684	75.92	-1.65	12.09	-161.40	-398.60	-1955.71	-44.24	204.54	-660.39
28685	76.93	1.65	12.09	-222.80	-370.06	-3538.39	-103.79	168.78	-982.65
28686	76.93	0.55	12.09	-238.78	-461.76	-2834.94	-79.39	205.18	-909.01
28687	76.93	-0.55	12.09	-239.15	-472.38	-2251.19	-53.76	226.44	-774.70
28688	76.93	-1.65	12.09	-227.24	-408.17	-1791.26	-32.14	233.47	-654.29
28689	77.94	1.65	12.09	-266.20	-375.15	-3420.54	-50.69	213.19	-1004.77
28690	77.94	0.55	12.09	-278.60	-468.08	-2711.47	-41.76	222.16	-921.79
28691	77.94	-0.55	12.09	-276.25	-477.57	-2128.72	-32.89	227.70	-777.36
28692	77.94	-1.65	12.09	-262.10	-409.90	-1676.19	-24.81	229.99	-648.79
28693	62.36	1.65	10.41	-88.53	-13.07	-725.39	14.09	-268.71	164.24
28694	62.29	0.55	10.41	-80.86	1.06	-628.02	15.04	-246.65	168.23
28695	62.29	-0.55	10.41	-73.96	16.77	-535.18	14.70	-227.00	171.89
28696	62.36	-1.65	10.41	-67.27	33.16	-446.16	12.88	-208.90	174.96
28697	63.40	1.65	10.41	-185.60	-11.69	-801.98	-25.22	-457.52	190.40
28698	63.33	0.55	10.41	-167.47	-3.39	-702.92	-30.28	-423.63	180.61
28699	63.33	-0.55	10.41	-148.92	6.32	-608.54	-34.39	-390.13	172.07
28700	63.40	-1.65	10.41	-130.27	16.72	-517.33	-37.88	-357.01	164.81
28701	64.44	1.65	10.41	-265.07	-8.31	-922.42	-62.97	-629.86	196.57
28702	64.38	0.55	10.41	-237.55	-6.99	-815.76	-72.91	-581.69	173.24
28703	64.38	-0.55	10.41	-208.41	-4.17	-713.47	-79.84	-532.39	153.46
28704	64.44	-1.65	10.41	-178.46	-0.23	-614.07	-83.95	-482.35	137.38
28705	65.48	1.65	10.41	-325.56	-5.04	-1090.27	-99.70	-788.34	182.60
28706	65.42	0.55	10.41	-290.14	-11.35	-969.29	-113.59	-723.89	146.04
28707	65.42	-0.55	10.41	-252.07	-16.10	-852.17	-122.51	-656.91	115.85
28708	65.48	-1.65	10.41	-212.70	-19.31	-737.74	-126.67	-588.38	92.13
28709	66.51	1.65	10.41	-354.85	-2.68	-1312.53	-136.03	-930.59	148.75
28710	66.46	0.55	10.41	-313.87	-17.20	-1169.67	-152.36	-848.44	99.16

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]
28711	66.46	-0.55	10.41	-269.68	-29.92	-1029.67	-161.91	-762.35	59.41
28712	66.51	-1.65	10.41	-224.14	-40.40	-891.98	-165.10	-674.07	29.37
28713	67.55	1.65	10.41	-344.27	-2.71	-1593.66	-172.06	-1047.41	95.10
28714	67.50	0.55	10.41	-300.94	-25.95	-1420.59	-188.64	-947.12	32.93
28715	67.50	-0.55	10.41	-254.75	-46.70	-1248.74	-196.88	-841.81	-15.22
28716	67.55	-1.65	10.41	-207.78	-64.09	-1078.63	-197.64	-734.09	-49.95
28717	68.59	1.65	10.41	-293.82	-7.37	-1929.78	-206.55	-1123.65	21.90
28718	68.55	0.55	10.41	-251.88	-39.61	-1717.48	-220.60	-1006.13	-51.47
28719	68.55	-0.55	10.41	-208.41	-67.93	-1504.42	-225.17	-883.45	-105.99
28720	68.59	-1.65	10.41	-165.40	-91.19	-1292.62	-221.83	-759.03	-143.11
28721	69.63	1.65	10.41	-201.84	-16.80	-2299.63	-237.21	-1135.69	-70.05
28722	69.59	0.55	10.41	-166.60	-58.20	-2039.85	-245.43	-1004.59	-151.46
28723	69.59	-0.55	10.41	-131.80	-93.28	-1777.67	-243.73	-869.73	-208.80
28724	69.63	-1.65	10.41	-99.03	-120.80	-1516.99	-234.65	-735.00	-245.01
28725	70.67	1.65	10.41	-100.50	-34.32	-2669.11	-258.67	-1071.43	-177.19
28726	70.63	0.55	10.41	-74.91	-84.18	-2355.61	-258.73	-932.54	-261.76
28727	70.63	-0.55	10.41	-51.94	-124.31	-2039.59	-249.22	-793.24	-317.16
28728	70.67	-1.65	10.41	-32.47	-153.61	-1726.88	-233.69	-657.25	-348.45
28729	71.70	1.65	10.41	0.75	-57.69	-2995.63	-269.15	-931.30	-294.08
28730	71.67	0.55	10.41	13.07	-114.93	-2625.47	-259.29	-792.27	-375.34
28731	71.67	-0.55	10.41	21.52	-158.27	-2255.82	-241.30	-657.89	-423.25
28732	71.70	-1.65	10.41	25.93	-186.99	-1893.78	-219.37	-530.96	-445.32
28733	72.74	1.65	10.41	65.33	-88.00	-3243.78	-262.89	-731.40	-413.06
28734	72.72	0.55	10.41	64.19	-150.49	-2817.85	-244.45	-601.23	-484.02
28735	72.72	-0.55	10.41	59.74	-194.76	-2399.97	-219.70	-481.09	-519.27
28736	72.74	-1.65	10.41	52.18	-220.49	-1996.96	-193.24	-372.43	-528.31
28737	73.78	1.65	10.41	88.78	-119.93	-3391.39	-241.60	-505.25	-523.93
28738	73.76	0.55	10.41	75.95	-186.12	-2916.02	-217.51	-392.50	-579.87
28739	73.76	-0.55	10.41	61.80	-229.70	-2459.52	-188.84	-293.30	-598.92
28740	73.78	-1.65	10.41	46.54	-250.81	-2027.57	-160.46	-208.13	-592.78
28741	74.82	1.65	10.41	69.29	-149.99	-3443.95	-205.85	-287.01	-618.21
28742	74.80	0.55	10.41	47.73	-219.04	-2929.55	-180.74	-197.46	-657.81
28743	74.80	-0.55	10.41	28.36	-260.95	-2445.46	-152.38	-122.51	-659.51
28744	74.82	-1.65	10.41	10.99	-276.43	-1996.43	-125.55	-62.00	-638.17
28745	75.86	1.65	10.41	27.22	-173.77	-3425.92	-160.97	-101.61	-690.16
28746	75.84	0.55	10.41	0.80	-244.92	-2883.64	-138.65	-38.18	-714.84
28747	75.84	-0.55	10.41	-20.33	-285.03	-2382.37	-114.34	12.37	-700.84
28748	75.86	-1.65	10.41	-36.75	-295.26	-1925.96	-91.86	50.57	-666.26
28749	76.89	1.65	10.41	-21.51	-190.10	-3371.27	-110.77	43.36	-737.75
28750	76.89	0.55	10.41	-49.92	-262.42	-2811.55	-94.47	80.23	-750.85
28751	76.89	-0.55	10.41	-70.58	-301.03	-2301.15	-77.27	108.17	-724.92
28752	76.89	-1.65	10.41	-84.51	-307.32	-1843.01	-61.40	127.73	-680.46
28753	77.93	1.65	10.41	-56.93	-197.31	-3309.71	-58.35	153.27	-760.50
28754	77.93	0.55	10.41	-85.96	-270.03	-2741.45	-50.05	164.19	-766.89
28755	77.93	-0.55	10.41	-106.15	-307.85	-2227.19	-41.66	171.69	-734.29
28756	77.93	-1.65	10.41	-118.72	-312.20	-1769.17	-33.62	176.00	-684.27
28757	61.95	1.65	8.72	-119.56	-81.22	-1021.79	-20.05	-349.72	60.99
28758	61.88	0.55	8.72	-107.09	-58.31	-905.50	-17.50	-317.66	56.92
28759	61.88	-0.55	8.72	-95.71	-33.48	-793.88	-16.39	-287.08	55.60
28760	61.95	-1.65	8.72	-85.06	-7.82	-686.02	-16.96	-257.96	56.79
28761	63.02	1.65	8.72	-198.54	-76.82	-1030.96	-50.51	-516.21	106.00
28762	62.95	0.55	8.72	-178.62	-58.11	-915.58	-54.46	-476.73	89.07
28763	62.95	-0.55	8.72	-157.98	-37.26	-805.88	-57.51	-436.95	76.24
28764	63.02	-1.65	8.72	-136.79	-15.53	-699.95	-59.92	-396.89	67.70
28765	64.08	1.65	8.72	-274.18	-68.89	-1081.03	-79.56	-660.06	131.70
28766	64.02	0.55	8.72	-247.07	-56.26	-961.82	-89.87	-611.32	102.94
28767	64.02	-0.55	8.72	-218.43	-41.67	-848.41	-97.27	-561.16	79.59
28768	64.08	-1.65	8.72	-188.81	-26.08	-738.79	-101.59	-509.82	62.19
28769	65.14	1.65	8.72	-313.56	-56.56	-1180.48	-106.56	-774.42	136.75
28770	65.09	0.55	8.72	-281.30	-51.10	-1051.98	-120.91	-715.24	97.43
28771	65.09	-0.55	8.72	-246.92	-43.89	-928.44	-130.72	-653.43	65.17
28772	65.14	-1.65	8.72	-211.27	-35.59	-808.21	-135.70	-589.63	40.57
28773	66.21	1.65	8.72	-320.88	-44.35	-1335.19	-132.86	-868.30	121.30
28774	66.16	0.55	8.72	-285.66	-46.67	-1191.42	-149.23	-797.81	71.74
28775	66.16	-0.55	8.72	-247.96	-47.46	-1051.23	-159.75	-723.44	31.45
28776	66.21	-1.65	8.72	-208.99	-46.87	-913.62	-164.22	-646.48	0.91
28777	67.27	1.65	8.72	-298.64	-34.23	-1538.76	-158.72	-938.93	86.66
28778	67.23	0.55	8.72	-262.95	-44.70	-1373.58	-175.30	-856.99	27.10
28779	67.23	-0.55	8.72	-224.86	-53.65	-1210.20	-185.00	-770.17	-20.35
28780	67.27	-1.65	8.72	-185.81	-60.71	-1048.57	-187.85	-680.48	-55.46
28781	68.34	1.65	8.72	-248.85	-27.32	-1780.81	-183.11	-977.50	34.68
28782	68.30	0.55	8.72	-215.61	-46.10	-1588.21	-198.14	-885.07	-34.10
28783	68.30	-0.55	8.72	-180.53	-63.00	-1395.45	-205.53	-787.35	-87.40
28784	68.34	-1.65	8.72	-145.15	-77.19	-1203.63	-205.69	-686.98	-125.37
28785	69.40	1.65	8.72	-179.63	-24.83	-2046.29	-203.86	-974.93	-32.17
28786	69.36	0.55	8.72	-151.53	-51.78	-1820.83	-215.68	-874.19	-108.58
28787	69.36	-0.55	8.72	-122.63	-76.02	-1593.39	-219.45	-768.65	-165.76
28788	69.40	-1.65	8.72	-94.30	-96.34	-1366.46	-216.08	-661.38	-204.50
28789	70.47	1.65	8.72	-98.43	-26.82	-2314.53	-218.67	-924.22	-110.68
28790	70.43	0.55	8.72	-78.28	-61.60	-2051.99	-225.79	-818.77	-192.15
28791	70.43	-0.55	8.72	-58.46	-92.28	-1786.44	-224.92	-710.06	-250.57
28792	70.47	-1.65	8.72	-40.00	-117.41	-1521.76	-217.52	-601.27	-287.63
28793	71.53	1.65	8.72	-21.57	-33.78	-2562.59	-224.52	-825.17	-196.36
28794	71.50	0.55	8.72	-11.08	-75.76	-2260.68	-226.25	-719.86	-279.68
28795	71.50	-0.55	8.72	-1.70	-111.58	-1956.10	-220.48	-613.67	-336.28
28796	71.53	-1.65	8.72	5.93	-139.89	-1653.97	-209.23	-509.56	-369.19
28797	72.60	1.65	8.72	41.33	-44.40	-2769.02	-220.00	-686.08	-283.59
28798	72.57	0.55	8.72	41.20	-92.86	-2428.12	-216.40	-586.45	-365.49
28799	72.57	-0.55	8.72	39.93	-132.46	-2086.48	-206.20	-488.65	-417.26
28800	72.60	-1.65	8.72	37.17	-162.27	-1750.30	-191.90	-395.11	-443.93
28801	73.66	1.65	8.72	79.97	-57.84	-2920.49	-204.04	-521.16	-366.46
28802	73.64	0.55	8.72	69.68	-111.60	-2543.51	-196.19	-432.69	-444.00
28803	73.64	-0.55	8.72	59.13	-153.62	-2169.44	-183.03	-348.51	-488.69
28804	73.66	-1.65	8.72	48.10	-183.51	-1805.03	-167.09	-270.28	-507.70
28805	74.72	1.65	8.72	94.24	-72.03	-3013.24	-177.67	-347.86	-439.18
28806	74.71	0.55	8.72	75.42	-129.61	-2605.42	-167.35	-275.36	-510.35
28807	74.71	-0.55	8.72	57.73	-172.96	-2205.41	-153.12	-208.53	-546.94
28808	74.72	-1.65	8.72	40.95	-202.10	-1819.91	-137.26	-148.34	-557.84
28809	75.79	1.65	8.72	88.26	-84.92	-3054.21	-142.59	-180.97	-496.94

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]
28810	75.78	0.55	8.72	63.04	-145.06	-2622.52	-131.99	-127.85	-561.30
28811	75.78	-0.55	8.72	40.64	-188.98	-2203.66	-118.79	-80.44	-590.08
28812	75.79	-1.65	8.72	20.69	-216.97	-1803.98	-104.79	-39.20	-593.50
28813	76.85	1.65	8.72	71.94	-94.39	-3056.64	-101.49	-29.15	-536.42
28814	76.85	0.55	8.72	42.55	-156.13	-2608.66	-92.50	2.58	-594.97
28815	76.85	-0.55	8.72	17.39	-200.20	-2177.71	-82.07	29.84	-617.42
28816	76.85	-1.65	8.72	-4.08	-227.14	-1769.71	-71.34	52.49	-614.97
28817	77.92	1.65	8.72	53.73	-99.35	-3034.82	-56.97	106.87	-555.84
28818	77.92	0.55	8.72	22.14	-161.86	-2578.18	-50.90	116.24	-610.63
28819	77.92	-0.55	8.72	-4.38	-205.93	-2141.15	-44.45	123.32	-629.10
28820	77.92	-1.65	8.72	-26.50	-232.29	-1729.32	-37.93	128.06	-623.00
28821	61.54	1.65	7.03	-125.70	-175.74	-1308.50	-55.14	-444.77	-61.67
28822	61.47	0.55	7.03	-108.95	-139.13	-1182.11	-48.87	-402.68	-77.77
28823	61.47	-0.55	7.03	-91.89	-98.92	-1061.54	-44.26	-360.61	-87.05
28824	61.54	-1.65	7.03	-73.85	-56.35	-945.20	-41.28	-319.45	-88.53
28825	62.63	1.65	7.03	-298.05	-174.53	-1217.41	-98.54	-607.16	9.53
28826	62.57	0.55	7.03	-270.64	-143.73	-1095.89	-107.07	-561.99	-20.16
28827	62.57	-0.55	7.03	-243.41	-109.95	-982.62	-113.98	-518.00	-42.35
28828	62.63	-1.65	7.03	-216.85	-74.04	-874.96	-117.29	-474.93	-54.89
28829	63.72	1.65	7.03	-343.18	-150.52	-1168.33	-111.13	-672.72	62.81
28830	63.66	0.55	7.03	-312.17	-124.80	-1046.38	-126.21	-625.04	27.04
28831	63.66	-0.55	7.03	-281.07	-96.97	-931.72	-136.96	-577.31	-0.78
28832	63.72	-1.65	7.03	-249.62	-67.96	-821.69	-142.18	-528.96	-19.52
28833	64.81	1.65	7.03	-349.22	-126.90	-1211.11	-118.63	-734.86	88.17
28834	64.76	0.55	7.03	-315.91	-107.93	-1082.93	-136.37	-681.99	46.02
28835	64.76	-0.55	7.03	-282.02	-87.10	-960.71	-148.56	-627.51	12.31
28836	64.81	-1.65	7.03	-247.33	-65.53	-842.36	-154.42	-571.31	-12.24
28837	65.90	1.65	7.03	-331.95	-104.98	-1312.18	-128.02	-790.58	89.12
28838	65.85	0.55	7.03	-297.81	-93.61	-1173.12	-146.35	-731.16	39.87
28839	65.85	-0.55	7.03	-262.60	-80.67	-1038.53	-158.66	-668.69	0.02
28840	65.90	-1.65	7.03	-226.43	-67.01	-907.00	-164.29	-603.76	-29.82
28841	67.00	1.65	7.03	-295.93	-86.07	-1456.35	-140.10	-831.81	70.25
28842	66.95	0.55	7.03	-262.76	-82.50	-1302.01	-157.78	-765.51	13.44
28843	66.95	-0.55	7.03	-228.25	-77.71	-1150.45	-169.18	-695.04	-32.36
28844	67.00	-1.65	7.03	-192.95	-72.05	-1001.05	-173.85	-621.73	-66.62
28845	68.09	1.65	7.03	-244.22	-70.91	-1631.79	-153.40	-850.78	35.36
28846	68.04	0.55	7.03	-213.99	-75.01	-1458.01	-169.49	-778.15	-28.95
28847	68.04	-0.55	7.03	-182.50	-78.13	-1285.18	-179.16	-700.73	-80.01
28848	68.09	-1.65	7.03	-150.58	-80.06	-1113.61	-182.16	-620.46	-117.51
28849	69.18	1.65	7.03	-180.54	-59.75	-1826.19	-165.67	-840.90	-12.22
28850	69.14	0.55	7.03	-155.25	-71.21	-1629.29	-179.39	-763.39	-83.34
28851	69.14	-0.55	7.03	-129.07	-81.70	-1431.55	-186.59	-681.08	-138.55
28852	69.18	-1.65	7.03	-102.97	-90.47	-1234.33	-187.36	-596.34	-177.84
28853	70.27	1.65	7.03	-111.61	-52.70	-2025.78	-174.48	-798.15	-69.15
28854	70.24	0.55	7.03	-92.89	-71.10	-1802.89	-185.17	-718.10	-145.79
28855	70.24	-0.55	7.03	-73.86	-88.19	-1577.70	-189.39	-633.89	-203.63
28856	70.27	-1.65	7.03	-55.40	-102.78	-1352.70	-187.60	-548.08	-243.13
28857	71.36	1.65	7.03	-44.11	-49.44	-2215.90	-177.78	-722.10	-131.76
28858	71.33	0.55	7.03	-33.24	-74.24	-1965.39	-185.00	-642.63	-212.19
28859	71.33	-0.55	7.03	-22.58	-97.02	-1711.75	-186.03	-560.17	-270.91
28860	71.36	-1.65	7.03	-12.79	-116.32	-1458.57	-181.67	-477.30	-309.00
28861	72.45	1.65	7.03	14.11	-49.63	-2383.25	-173.98	-616.39	-196.00
28862	72.43	0.55	7.03	16.61	-80.07	-2104.97	-177.64	-541.15	-278.24
28863	72.43	-0.55	7.03	18.61	-107.56	-1823.60	-175.67	-464.44	-336.12
28864	72.45	-1.65	7.03	19.72	-130.42	-1543.69	-169.11	-388.60	-371.38
28865	73.54	1.65	7.03	58.30	-52.37	-2517.74	-162.39	-488.46	-257.54
28866	73.52	0.55	7.03	52.55	-87.62	-2213.23	-162.82	-421.24	-339.73
28867	73.52	-0.55	7.03	46.40	-118.78	-1906.59	-158.43	-354.05	-395.31
28868	73.54	-1.65	7.03	39.71	-144.13	-1603.09	-150.40	-288.87	-426.72
28869	74.63	1.65	7.03	85.94	-56.66	-2614.49	-143.11	-347.46	-312.17
28870	74.62	0.55	7.03	72.75	-95.82	-2286.88	-141.04	-291.77	-392.93
28871	74.62	-0.55	7.03	59.67	-129.66	-1958.81	-135.14	-237.34	-445.22
28872	74.63	-1.65	7.03	46.71	-156.56	-1636.02	-126.57	-185.61	-472.34
28873	75.72	1.65	7.03	98.40	-61.35	-2673.66	-117.14	-202.27	-356.20
28874	75.71	0.55	7.03	79.16	-103.43	-2327.36	-113.50	-161.08	-434.71
28875	75.71	-0.55	7.03	60.75	-139.08	-1982.67	-107.15	-121.77	-483.43
28876	75.72	-1.65	7.03	43.22	-166.83	-1645.50	-99.03	-85.30	-506.41
28877	76.81	1.65	7.03	99.00	-65.37	-2699.35	-86.03	-59.40	-386.71
28878	76.81	0.55	7.03	75.42	-109.36	-2339.79	-81.79	-34.86	-462.87
28879	76.81	-0.55	7.03	53.38	-146.12	-1983.71	-75.96	-12.18	-508.43
28880	76.81	-1.65	7.03	32.93	-174.28	-1637.09	-69.18	8.08	-527.95
28881	77.90	1.65	7.03	92.12	-67.83	-2697.22	-51.78	77.85	-401.73
28882	77.90	0.55	7.03	66.06	-112.81	-2330.33	-47.64	84.45	-476.04
28883	77.90	-0.55	7.03	42.01	-150.11	-1968.22	-43.05	89.71	-519.36
28884	77.90	-1.65	7.03	20.00	-178.44	-1616.82	-38.25	93.41	-536.56
28885	61.13	1.65	5.34	-585.46	-339.93	-1664.00	-291.51	-769.23	-277.04
28886	61.06	0.55	5.34	-533.21	-317.68	-1522.19	-313.86	-698.48	-326.32
28887	61.06	-0.55	5.34	-491.24	-281.41	-1408.71	-342.47	-642.83	-378.10
28888	61.13	-1.65	5.34	-463.53	-223.64	-1324.55	-353.54	-607.97	-400.31
28889	62.25	1.65	5.34	-483.68	-261.00	-1235.09	-224.36	-600.92	-72.20
28890	62.19	0.55	5.34	-442.40	-225.47	-1118.72	-249.25	-555.93	-109.87
28891	62.19	-0.55	5.34	-409.24	-184.33	-1014.55	-270.37	-518.47	-140.08
28892	62.25	-1.65	5.34	-382.25	-136.79	-918.48	-277.07	-486.00	-153.86
28893	63.36	1.65	5.34	-423.17	-226.36	-1184.80	-176.64	-608.23	14.47
28894	63.31	0.55	5.34	-386.44	-189.17	-1068.30	-200.44	-567.33	-23.18
28895	63.31	-0.55	5.34	-354.45	-149.52	-959.29	-216.90	-528.48	-51.90
28896	63.36	-1.65	5.34	-324.33	-108.19	-854.80	-221.99	-489.64	-69.26
28897	64.48	1.65	5.34	-382.06	-195.36	-1203.59	-145.74	-648.15	51.52
28898	64.43	0.55	5.34	-346.93	-162.92	-1081.66	-168.28	-605.07	9.92
28899	64.43	-0.55	5.34	-313.98	-128.85	-965.64	-182.93	-561.17	-22.63
28900	64.48	-1.65	5.34	-280.76	-94.46	-853.47	-188.12	-515.51	-45.41
28901	65.60	1.65	5.34	-342.72	-167.01	-1268.61	-129.52	-689.33	60.18
28902	65.55	0.55	5.34	-308.37	-141.81	-1138.06	-150.50	-641.98	13.01
28903	65.55	-0.55	5.34	-274.80	-115.32	-1012.35	-164.18	-592.24	-24.76
28904	65.60	-1.65	5.34	-240.53	-88.84	-890.02	-169.72	-540.16	-52.77
28905	66.72	1.65	5.34	-297.43	-142.03	-1368.16	-124.13	-719.12	49.68
28906	66.67	0.55	5.34	-264.80	-124.60	-1226.26	-143.23	-667.20	-3.65
28907	66.67	-0.55	5.34	-232.19	-106.26	-1087.85	-155.83	-611.87	-46.71
28908	66.72	-1.65	5.34	-198.96	-87.98	-952.06	-161.26	-553.89	-79.11

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]
28909	67.83	1.65	5.34	-244.35	-121.08	-1493.44	-125.34	-730.81	25.26
28910	67.79	0.55	5.34	-214.90	-111.05	-1337.48	-142.34	-674.81	-34.33
28911	67.79	-0.55	5.34	-185.11	-100.61	-1183.45	-153.48	-614.76	-82.20
28912	67.83	-1.65	5.34	-155.01	-90.16	-1031.13	-158.23	-552.00	-118.02
28913	68.95	1.65	5.34	-185.06	-104.31	-1635.29	-129.37	-720.09	-9.49
28914	68.92	0.55	5.34	-160.22	-101.06	-1462.84	-144.11	-661.10	-74.99
28915	68.92	-0.55	5.34	-135.02	-97.84	-1290.68	-153.40	-597.84	-126.93
28916	68.95	-1.65	5.34	-109.87	-94.44	-1119.37	-156.94	-532.04	-165.08
28917	70.07	1.65	5.34	-122.99	-91.48	-1783.80	-133.13	-684.51	-51.52
28918	70.04	0.55	5.34	-103.92	-94.39	-1592.97	-145.44	-624.18	-122.21
28919	70.04	-0.55	5.34	-84.71	-97.57	-1400.88	-152.60	-559.80	-177.26
28920	70.07	-1.65	5.34	-65.92	-100.24	-1208.98	-154.54	-493.30	-216.61
28921	71.19	1.65	5.34	-62.79	-82.22	-1928.88	-134.28	-623.73	-97.87
28922	71.16	0.55	5.34	-50.24	-90.69	-1718.52	-143.99	-564.24	-172.75
28923	71.16	-0.55	5.34	-37.90	-99.40	-1505.67	-148.86	-501.27	-229.79
28924	71.19	-1.65	5.34	-26.26	-107.15	-1292.68	-149.05	-436.86	-269.24
28925	72.30	1.65	5.34	-8.83	-76.07	-2061.13	-131.22	-539.78	-145.46
28926	72.28	0.55	5.34	-3.16	-89.47	-1831.06	-138.26	-483.64	-223.34
28927	72.28	-0.55	5.34	2.01	-102.86	-1597.73	-140.85	-424.91	-281.26
28928	72.30	-1.65	5.34	6.35	-114.70	-1364.33	-139.37	-365.51	-319.83
28929	73.42	1.65	5.34	35.12	-72.51	-2172.96	-123.06	-436.70	-191.14
28930	73.40	0.55	5.34	34.05	-90.18	-1924.08	-127.50	-386.63	-270.82
28931	73.40	-0.55	5.34	32.36	-107.38	-1671.69	-128.05	-334.93	-328.61
28932	73.42	-1.65	5.34	29.90	-122.40	-1419.72	-125.21	-283.33	-365.54
28933	74.54	1.65	5.34	67.06	-70.93	-2259.38	-109.64	-319.93	-231.82
28934	74.52	0.55	5.34	59.85	-92.10	-1993.68	-111.72	-278.51	-312.22
28935	74.52	-0.55	5.34	52.09	-112.28	-1724.71	-110.63	-236.40	-369.13
28936	74.54	-1.65	5.34	43.81	-129.67	-1456.98	-106.90	-194.99	-403.99
28937	75.66	1.65	5.34	86.57	-70.70	-2318.28	-91.43	-195.12	-264.70
28938	75.65	0.55	5.34	74.24	-94.57	-2038.75	-91.51	-164.64	-345.04
28939	75.65	-0.55	5.34	61.59	-116.93	-1756.51	-89.28	-134.20	-400.63
28940	75.66	-1.65	5.34	48.77	-135.95	-1476.48	-85.22	-104.82	-433.31
28941	76.77	1.65	5.34	94.74	-71.21	-2349.96	-69.45	-67.22	-287.50
28942	76.77	0.55	5.34	78.65	-96.92	-2060.37	-67.93	-49.45	-367.26
28943	76.77	-0.55	5.34	62.49	-120.70	-1768.76	-65.06	-32.20	-421.45
28944	76.77	-1.65	5.34	46.54	-140.74	-1480.27	-61.17	-16.10	-452.20
28945	77.89	1.65	5.34	93.30	-71.98	-2356.16	-45.10	60.14	-298.58
28946	77.89	0.55	5.34	74.98	-98.65	-2060.83	-42.32	64.05	-377.55
28947	77.89	-0.55	5.34	56.83	-123.16	-1764.08	-39.20	67.18	-430.55
28948	77.89	-1.65	5.34	39.16	-143.68	-1471.14	-35.88	69.33	-459.87
28949	78.91	2.50	17.16	-642.62	-1493.77	-2464.63	113.18	166.87	-2313.62
28950	79.84	2.50	17.16	-606.11	-1453.68	-2431.88	71.79	206.30	-2261.45
28951	80.76	2.50	17.16	-570.99	-1380.30	-2413.22	34.77	239.52	-2177.51
28952	81.69	2.50	17.16	-563.68	-1263.75	-2458.04	-5.14	235.72	-2021.25
28953	82.61	2.50	17.16	-648.51	-1086.85	-2696.56	-46.10	27.43	-1607.17
28954	83.54	2.50	17.16	-1086.05	-1382.94	-6386.65	-181.78	-1447.91	-992.59
28955	84.46	2.50	17.16	-1253.66	-1711.23	-10020.00	-59.12	1432.61	-140.63
28956	85.39	2.50	17.16	-5051.82	-1916.51	-6136.39	-1242.77	5126.37	305.50
28957	86.31	2.50	17.16	-2431.19	-877.35	-1321.51	-1057.05	1932.06	100.24
28958	87.24	2.50	17.16	-1126.74	-565.98	-545.61	-895.53	883.13	88.96
28959	88.16	2.50	17.16	-439.87	-379.02	-253.86	-750.95	430.88	93.76
28960	89.09	2.50	17.16	-83.98	-255.13	-141.37	-621.41	208.58	97.39
28961	90.01	2.50	17.16	87.33	-169.36	-94.05	-503.74	82.04	101.08
28962	90.94	2.50	17.16	147.80	-109.62	-69.69	-392.33	-1.11	110.04
28963	91.86	2.50	17.16	136.19	-66.72	-42.74	-279.27	-59.82	135.90
28964	92.79	2.50	17.16	74.11	-29.74	24.67	-151.95	-93.41	214.84
28965	78.91	3.10	17.16	-1469.90	-2815.09	-6538.41	193.73	299.26	-4393.24
28966	79.83	3.10	17.16	-1421.64	-2760.82	-6459.67	157.67	343.81	-4313.25
28967	80.74	3.10	17.16	-1381.79	-2654.26	-6404.76	139.25	382.29	-4205.93
28968	81.66	3.10	17.16	-1367.06	-2460.99	-6391.76	109.71	408.52	-4028.83
28969	82.58	3.10	17.16	-1354.31	-2174.53	-6424.07	75.93	398.03	-3617.62
28970	83.50	3.10	17.16	-1396.10	-1827.30	-8136.11	24.97	-176.84	-1934.59
28971	84.42	3.10	17.16	-1442.37	-1768.21	-10663.10	-33.28	1554.00	-94.85
28972	85.33	3.10	17.16	-5399.99	-2094.40	-6640.02	-1340.93	5543.01	447.57
28973	86.25	3.10	17.16	-2567.13	-984.07	-1440.94	-1091.63	2097.50	155.13
28974	87.17	3.10	17.16	-1166.50	-637.69	-592.41	-892.81	958.36	114.60
28975	88.09	3.10	17.16	-438.63	-424.96	-274.82	-731.96	464.88	106.24
28976	89.00	3.10	17.16	-64.97	-282.73	-152.55	-598.96	223.76	101.78
28977	89.92	3.10	17.16	112.09	-184.51	-101.25	-483.03	87.42	100.71
28978	90.84	3.10	17.16	172.03	-115.48	-74.90	-376.12	-1.73	106.65
28979	91.76	3.10	17.16	156.00	-64.79	-46.12	-268.99	-65.09	130.96
28980	92.67	3.10	17.16	86.42	-21.06	23.74	-149.66	-105.18	209.16
28981	78.93	2.50	15.47	-847.60	-964.40	-4213.28	34.86	233.79	-2252.96
28982	79.88	2.50	15.47	-837.21	-978.00	-4186.27	40.99	225.88	-2209.18
28983	80.83	2.50	15.47	-857.07	-997.40	-4229.06	84.59	194.09	-2122.17
28984	81.78	2.50	15.47	-911.77	-1008.59	-4430.75	164.11	92.66	-1942.56
28985	82.73	2.50	15.47	-937.43	-1049.61	-5150.39	256.50	-108.89	-1619.99
28986	83.68	2.50	15.47	-436.38	-913.83	-5832.74	316.20	400.78	-1100.81
28987	84.63	2.50	15.47	-134.19	-714.88	-5675.93	84.58	1402.87	-644.64
28988	85.59	2.50	15.47	-184.70	-489.78	-4642.50	100.77	2272.98	-286.84
28989	86.54	2.50	15.47	-1428.50	-446.83	-2996.34	-124.14	2558.74	-5.70
28990	87.49	2.50	15.47	-1349.11	-258.89	-1521.29	-213.80	1762.75	105.27
28991	88.44	2.50	15.47	-1028.09	-151.77	-850.63	-242.31	1129.21	167.02
28992	89.39	2.50	15.47	-708.43	-84.30	-525.17	-236.10	694.40	205.12
28993	90.34	2.50	15.47	-449.24	-38.32	-357.78	-209.48	400.53	235.27
28994	91.30	2.50	15.47	-251.81	-4.01	-253.14	-171.74	197.61	270.17
28995	92.25	2.50	15.47	-104.36	23.62	-148.98	-132.57	53.29	322.52
28996	93.20	2.50	15.47	2.39	44.44	18.39	-110.34	-57.55	398.81
28997	78.92	3.10	15.47	-865.73	-66.16	-5305.00	-2.37	249.85	-1751.00
28998	79.87	3.10	15.47	-828.49	-124.90	-5261.46	-9.27	248.61	-1737.57
28999	80.81	3.10	15.47	-813.82	-193.11	-5286.15	47.96	256.25	-1682.59
29000	81.76	3.10	15.47	-835.15	-254.59	-5454.53	142.64	237.23	-1534.90
29001	82.70	3.10	15.47	-823.68	-381.72	-5966.93	254.61	186.94	-1224.26
29002	83.65	3.10	15.47	-516.46	-594.71	-6540.27	329.54	622.41	-883.38
29003	84.59	3.10	15.47	-271.10	-673.70	-6223.73	111.24	1689.95	-574.86
29004	85.53	3.10	15.47	-228.96	-454.60	-4996.52	117.34	2477.59	-195.78
29005	86.48	3.10	15.47	-1533.76	-436.47	-3233.13	-147.47	2758.92	89.96
29006	87.42	3.10	15.47	-1436.60	-252.14	-1641.92	-242.47	1893.55	171.64
29007	88.37	3.10	15.47	-1087.81	-148.00	-916.95	-263.91	1208.36	206.95

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]
29008	89.31	3.10	15.47	-745.28	-80.83	-565.82	-249.17	740.51	226.36
29009	90.26	3.10	15.47	-469.90	-33.61	-385.38	-216.02	425.51	244.08
29010	91.20	3.10	15.47	-261.49	2.43	-272.96	-174.18	208.28	270.74
29011	92.15	3.10	15.47	-106.41	31.71	-162.48	-132.93	52.99	317.46
29012	93.09	3.10	15.47	7.61	51.55	11.52	-111.07	-68.70	388.08
29013	78.94	2.50	13.78	-550.41	-396.83	-4068.34	8.28	239.04	-1333.53
29014	79.92	2.50	13.78	-527.56	-399.04	-4074.75	51.52	229.52	-1304.27
29015	80.90	2.50	13.78	-481.07	-397.40	-4164.08	113.04	233.62	-1234.41
29016	81.87	2.50	13.78	-384.52	-383.02	-4365.49	180.99	280.13	-1105.18
29017	82.85	2.50	13.78	-173.54	-335.28	-4560.05	232.31	516.47	-921.87
29018	83.83	2.50	13.78	-60.11	-300.24	-4559.78	239.49	932.28	-729.32
29019	84.81	2.50	13.78	-120.60	-243.52	-4209.27	265.80	1392.99	-498.04
29020	85.79	2.50	13.78	-380.26	-179.09	-3549.90	190.15	1677.18	-260.18
29021	86.76	2.50	13.78	-497.80	-94.06	-2748.97	137.40	1727.28	-66.64
29022	87.74	2.50	13.78	-737.41	-55.50	-1978.99	60.29	1593.57	82.99
29023	88.72	2.50	13.78	-747.19	-12.63	-1350.36	3.99	1259.44	179.62
29024	89.70	2.50	13.78	-633.97	17.29	-946.61	-30.09	924.49	245.33
29025	90.68	2.50	13.78	-475.15	38.18	-689.51	-48.16	643.78	294.79
29026	91.66	2.50	13.78	-311.30	53.47	-508.15	-58.71	419.75	337.12
29027	92.63	2.50	13.78	-160.84	64.37	-348.37	-71.88	235.19	374.73
29028	93.61	2.50	13.78	-30.87	69.93	-175.00	-96.33	60.49	400.43
29029	78.94	3.10	13.78	-584.99	-383.92	-4674.25	7.37	250.92	-1305.81
29030	79.91	3.10	13.78	-551.44	-394.45	-4690.75	50.56	256.18	-1289.95
29031	80.88	3.10	13.78	-491.69	-403.32	-4773.69	120.11	297.15	-1229.63
29032	81.85	3.10	13.78	-391.20	-393.89	-4917.46	198.01	389.58	-1089.63
29033	82.82	3.10	13.78	-208.75	-355.14	-5053.14	247.95	633.93	-892.72
29034	83.79	3.10	13.78	-70.47	-271.03	-4985.82	246.93	1074.68	-665.51
29035	84.76	3.10	13.78	-136.88	-172.55	-4560.22	270.13	1547.30	-403.37
29036	85.74	3.10	13.78	-433.48	-128.55	-3818.37	182.31	1829.56	-167.74
29037	86.71	3.10	13.78	-539.67	-54.21	-2940.14	121.00	1850.54	15.08
29038	87.68	3.10	13.78	-784.18	-28.72	-2116.76	36.70	1696.69	148.41
29039	88.65	3.10	13.78	-789.58	6.70	-1445.44	-19.15	1336.77	225.65
29040	89.62	3.10	13.78	-667.60	32.02	-1014.08	-48.71	978.72	274.58
29041	90.59	3.10	13.78	-499.17	50.00	-739.61	-61.31	679.59	310.92
29042	91.56	3.10	13.78	-326.22	63.03	-546.88	-66.92	441.05	343.03
29043	92.54	3.10	13.78	-167.31	71.65	-379.17	-76.08	244.54	372.02
29044	93.51	3.10	13.78	-28.55	73.27	-201.40	-97.78	58.44	388.32
29045	78.95	2.50	12.09	-264.26	-286.23	-3969.16	1.98	256.85	-1010.28
29046	79.96	2.50	12.09	-242.26	-274.08	-3955.87	61.05	314.54	-977.56
29047	80.96	2.50	12.09	-188.16	-253.64	-3978.60	120.51	403.33	-912.05
29048	81.97	2.50	12.09	-108.64	-220.66	-3992.64	176.12	556.95	-810.93
29049	82.97	2.50	12.09	-55.80	-177.85	-3938.22	219.26	774.07	-676.40
29050	83.98	2.50	12.09	-50.18	-118.59	-3756.80	247.78	1023.72	-508.71
29051	84.98	2.50	12.09	-115.73	-63.44	-3432.45	239.51	1245.82	-332.81
29052	85.99	2.50	12.09	-217.97	-19.67	-2982.18	220.34	1392.99	-167.09
29053	86.99	2.50	12.09	-365.33	7.24	-2470.60	176.34	1418.66	-20.84
29054	88.00	2.50	12.09	-441.56	30.67	-1972.45	131.63	1325.71	96.96
29055	89.00	2.50	12.09	-482.15	42.77	-1544.64	86.68	1162.74	188.53
29056	90.01	2.50	12.09	-454.36	51.30	-1202.87	47.59	955.19	255.91
29057	91.01	2.50	12.09	-377.89	56.38	-947.87	14.50	744.44	304.40
29058	92.02	2.50	12.09	-276.85	58.90	-755.26	-15.52	546.47	337.07
29059	93.02	2.50	12.09	-167.90	59.34	-602.47	-45.83	358.22	353.27
29060	94.03	2.50	12.09	-57.23	57.92	-480.96	-77.30	166.84	349.15
29061	78.95	3.10	12.09	-246.10	-185.94	-4415.48	1.12	268.74	-962.71
29062	79.95	3.10	12.09	-222.23	-172.78	-4393.23	64.63	346.89	-925.73
29063	80.95	3.10	12.09	-166.92	-154.23	-4398.49	127.06	456.87	-854.88
29064	81.94	3.10	12.09	-92.29	-130.30	-4390.83	185.04	630.13	-751.25
29065	82.94	3.10	12.09	-41.77	-94.87	-4299.99	231.24	870.91	-610.48
29066	83.94	3.10	12.09	-53.79	-52.33	-4066.17	258.90	1134.41	-434.61
29067	84.94	3.10	12.09	-131.67	-14.09	-3685.69	239.78	1354.95	-254.46
29068	85.94	3.10	12.09	-236.98	23.14	-3186.84	211.07	1494.58	-90.20
29069	86.94	3.10	12.09	-392.89	40.40	-2634.38	160.16	1510.41	47.25
29070	87.93	3.10	12.09	-468.39	56.84	-2101.18	112.70	1402.74	152.95
29071	88.93	3.10	12.09	-507.89	62.61	-1646.52	67.65	1225.91	231.53
29072	89.93	3.10	12.09	-477.06	66.11	-1283.97	30.85	1004.54	286.18
29073	90.93	3.10	12.09	-396.05	67.13	-1014.03	1.35	780.97	323.20
29074	91.93	3.10	12.09	-289.63	66.14	-811.37	-24.70	571.64	345.67
29075	92.92	3.10	12.09	-174.84	63.46	-652.74	-51.00	373.41	352.50
29076	93.92	3.10	12.09	-57.63	58.63	-529.99	-78.59	172.90	338.76
29077	78.97	2.50	10.41	-42.31	-114.66	-3722.34	-6.61	258.14	-712.39
29078	80.00	2.50	10.41	-37.34	-105.43	-3679.31	49.75	374.11	-683.48
29079	81.03	2.50	10.41	-19.03	-88.98	-3629.63	102.03	506.47	-627.56
29080	82.06	2.50	10.41	-3.71	-67.23	-3551.00	147.09	660.73	-546.28
29081	83.09	2.50	10.41	-4.51	-41.43	-3417.07	181.33	830.42	-442.20
29082	84.12	2.50	10.41	-36.03	-17.55	-3211.39	198.57	994.72	-323.73
29083	85.16	2.50	10.41	-95.48	3.76	-2932.63	200.72	1127.91	-199.31
29084	86.19	2.50	10.41	-177.39	20.28	-2601.07	185.32	1204.57	-78.71
29085	87.22	2.50	10.41	-252.58	31.81	-2246.26	160.53	1215.32	29.74
29086	88.25	2.50	10.41	-316.24	36.58	-1901.30	128.02	1161.87	121.78
29087	89.28	2.50	10.41	-342.86	38.04	-1592.05	93.58	1055.39	195.07
29088	90.31	2.50	10.41	-336.60	36.41	-1333.89	59.30	916.96	250.00
29089	91.34	2.50	10.41	-299.36	33.42	-1128.25	26.43	760.46	287.14
29090	92.38	2.50	10.41	-239.34	29.86	-971.92	-4.81	595.86	306.81
29091	93.41	2.50	10.41	-163.98	26.35	-860.86	-34.29	426.18	308.54
29092	94.44	2.50	10.41	-76.51	23.81	-795.77	-60.88	251.49	291.12
29093	78.96	3.10	10.41	-18.84	-57.04	-4055.85	-7.93	267.41	-653.83
29094	79.99	3.10	10.41	-15.36	-49.78	-4006.47	50.61	400.89	-624.34
29095	81.01	3.10	10.41	0.07	-35.99	-3943.73	104.24	549.70	-566.08
29096	82.04	3.10	10.41	11.99	-15.94	-3843.83	149.20	719.35	-480.19
29097	83.06	3.10	10.41	4.05	6.22	-3682.03	180.80	900.11	-371.96
29098	84.09	3.10	10.41	-33.84	25.97	-3445.65	193.53	1070.22	-252.56
29099	85.11	3.10	10.41	-100.39	42.05	-3135.33	192.28	1205.50	-130.31
29100	86.14	3.10	10.41	-188.94	51.53	-2772.75	173.15	1279.05	-14.30
29101	87.16	3.10	10.41	-266.89	57.32	-2390.18	145.48	1283.17	87.27
29102	88.19	3.10	10.41	-332.79	56.30	-2022.11	111.57	1221.70	170.25
29103	89.21	3.10	10.41	-359.36	52.78	-1694.02	77.59	1106.12	233.45
29104	90.24	3.10	10.41	-351.90	46.79	-1421.37	45.09	958.65	278.28
29105	91.26	3.10	10.41	-312.49	40.11	-1205.14	14.93	793.45	305.74
29106	92.29	3.10	10.41	-249.46	33.41	-1041.95	-13.04	620.82	316.38

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]
29107	93.31	3.10	10.41	-170.49	27.39	-927.62	-38.89	444.10	309.73
29108	94.34	3.10	10.41	-78.80	22.67	-863.04	-61.52	263.27	284.35
29109	78.98	2.50	8.72	67.94	-42.35	-3358.87	-14.17	242.03	-483.53
29110	80.04	2.50	8.72	58.80	-38.16	-3305.54	31.41	381.85	-460.89
29111	81.10	2.50	8.72	49.87	-30.57	-3229.56	72.76	522.60	-417.00
29112	82.15	2.50	8.72	35.33	-20.65	-3122.38	107.00	664.33	-354.13
29113	83.21	2.50	8.72	8.34	-10.50	-2976.38	131.33	800.70	-276.62
29114	84.27	2.50	8.72	-33.35	-1.32	-2788.59	144.70	920.87	-189.67
29115	85.33	2.50	8.72	-88.74	5.11	-2564.05	146.24	1012.04	-99.37
29116	86.39	2.50	8.72	-149.29	8.16	-2314.69	137.68	1064.28	-11.54
29117	87.45	2.50	8.72	-207.47	7.69	-2058.05	120.37	1072.17	68.77
29118	88.50	2.50	8.72	-250.83	4.69	-1811.99	97.61	1037.09	137.75
29119	89.56	2.50	8.72	-275.24	-0.35	-1591.38	71.64	965.52	193.21
29120	90.62	2.50	8.72	-276.22	-6.12	-1405.63	44.70	865.31	233.89
29121	91.68	2.50	8.72	-255.48	-11.85	-1259.61	18.23	744.90	259.29
29122	92.74	2.50	8.72	-215.78	-16.66	-1154.69	-6.64	610.34	269.13
29123	93.79	2.50	8.72	-160.23	-19.80	-1091.67	-28.82	466.31	263.44
29124	94.85	2.50	8.72	-91.23	-20.16	-1071.80	-47.01	317.77	242.60
29125	78.98	3.10	8.72	89.58	2.92	-3612.14	-16.69	248.99	-414.39
29126	80.03	3.10	8.72	79.28	6.32	-3554.35	28.89	402.24	-391.71
29127	81.08	3.10	8.72	67.78	12.16	-3468.39	69.74	555.38	-347.37
29128	82.13	3.10	8.72	48.95	18.82	-3346.66	102.68	707.29	-284.51
29129	83.18	3.10	8.72	17.13	24.92	-3182.81	125.06	851.07	-207.95
29130	84.24	3.10	8.72	-29.96	29.42	-2974.99	136.22	975.76	-122.99
29131	85.29	3.10	8.72	-90.23	30.96	-2729.83	135.16	1068.11	-36.24
29132	86.34	3.10	8.72	-154.73	29.28	-2460.83	124.61	1119.00	46.12
29133	87.39	3.10	8.72	-216.12	24.01	-2186.44	106.19	1123.44	119.45
29134	88.44	3.10	8.72	-261.16	16.77	-1925.06	83.36	1083.42	180.57
29135	89.50	3.10	8.72	-286.31	7.95	-1691.96	58.27	1006.19	227.71
29136	90.55	3.10	8.72	-287.04	-1.06	-1496.54	33.07	900.01	260.04
29137	91.60	3.10	8.72	-265.27	-9.48	-1343.68	8.99	773.78	277.37
29138	92.65	3.10	8.72	-223.92	-16.42	-1234.63	-13.03	633.90	279.65
29139	93.70	3.10	8.72	-166.28	-21.07	-1170.03	-32.06	485.39	267.13
29140	94.76	3.10	8.72	-94.84	-22.45	-1151.15	-46.76	333.09	240.21
29141	78.99	2.50	7.03	102.81	-29.55	-2955.34	-19.95	217.76	-320.29
29142	80.08	2.50	7.03	87.49	-28.82	-2905.47	13.49	358.25	-302.87
29143	81.16	2.50	7.03	66.82	-27.37	-2829.57	43.39	493.33	-269.72
29144	82.25	2.50	7.03	38.87	-25.93	-2726.45	67.67	620.83	-223.03
29145	83.33	2.50	7.03	2.35	-25.19	-2595.65	84.82	736.26	-165.85
29146	84.42	2.50	7.03	-42.67	-25.93	-2439.44	93.85	833.40	-101.97
29147	85.50	2.50	7.03	-93.31	-28.50	-2263.62	94.82	905.89	-35.54
29148	86.59	2.50	7.03	-145.15	-33.05	-2077.52	88.41	948.76	29.32
29149	87.67	2.50	7.03	-191.73	-39.27	-1892.30	76.17	959.81	89.04
29150	88.76	2.50	7.03	-227.87	-46.63	-1719.36	59.77	939.64	140.80
29151	89.84	2.50	7.03	-248.62	-54.27	-1568.40	41.13	891.11	182.43
29152	90.93	2.50	7.03	-252.01	-61.43	-1446.56	21.90	818.39	212.48
29153	92.01	2.50	7.03	-237.44	-67.20	-1358.03	3.56	725.68	230.04
29154	93.10	2.50	7.03	-206.19	-70.85	-1304.61	-12.75	617.19	234.73
29155	94.18	2.50	7.03	-160.45	-71.69	-1286.21	-26.08	497.26	226.76
29156	95.27	2.50	7.03	-103.38	-68.75	-1301.11	-35.70	371.63	206.83
29157	78.99	3.10	7.03	118.65	-2.11	-3150.77	-22.71	223.32	-249.81
29158	80.07	3.10	7.03	102.42	-2.13	-3098.02	9.54	373.54	-233.13
29159	81.15	3.10	7.03	79.67	-2.22	-3015.71	38.09	517.41	-201.07
29160	82.23	3.10	7.03	48.82	-2.91	-2903.23	60.82	652.23	-155.98
29161	83.30	3.10	7.03	8.80	-4.82	-2760.90	76.31	773.15	-101.14
29162	84.38	3.10	7.03	-39.86	-8.61	-2591.95	83.70	873.68	-40.65
29163	85.46	3.10	7.03	-93.96	-14.50	-2403.14	83.38	947.61	21.30
29164	86.54	3.10	7.03	-148.77	-22.41	-2204.59	76.12	990.10	80.79
29165	87.62	3.10	7.03	-197.55	-31.75	-2008.13	63.68	999.34	134.39
29166	88.70	3.10	7.03	-235.20	-41.98	-1825.54	47.78	976.35	179.49
29167	89.78	3.10	7.03	-256.69	-52.10	-1666.76	30.33	924.31	214.24
29168	90.86	3.10	7.03	-260.16	-61.27	-1539.02	12.88	847.79	237.43
29169	91.94	3.10	7.03	-245.13	-68.58	-1446.46	-3.23	751.32	248.36
29170	93.01	3.10	7.03	-213.01	-73.26	-1390.77	-16.99	639.43	246.86
29171	94.09	3.10	7.03	-166.18	-74.64	-1371.62	-27.65	516.76	233.40
29172	95.17	3.10	7.03	-107.90	-71.85	-1387.30	-34.41	388.91	208.78
29173	79.01	2.50	5.34	98.52	-51.94	-2564.29	-23.43	191.99	-218.43
29174	80.12	2.50	5.34	81.41	-53.22	-2522.94	-0.87	322.48	-205.19
29175	81.23	2.50	5.34	56.51	-55.29	-2457.73	19.03	446.05	-180.38
29176	82.34	2.50	5.34	24.03	-58.36	-2370.21	34.82	559.97	-145.56
29177	83.45	2.50	5.34	-15.50	-62.75	-2262.77	45.43	660.83	-102.96
29178	84.56	2.50	5.34	-60.56	-68.61	-2139.37	50.37	744.86	-55.27
29179	85.68	2.50	5.34	-108.57	-75.99	-2005.88	49.68	808.57	-5.39
29180	86.79	2.50	5.34	-155.71	-84.67	-1869.76	44.00	849.52	43.87
29181	87.90	2.50	5.34	-197.80	-94.23	-1739.48	34.39	866.62	89.90
29182	89.01	2.50	5.34	-230.47	-104.04	-1623.51	22.27	860.26	130.49
29183	90.12	2.50	5.34	-250.13	-113.33	-1529.42	9.17	831.80	163.83
29184	91.23	2.50	5.34	-254.05	-121.19	-1463.07	-3.35	782.96	188.46
29185	92.35	2.50	5.34	-241.03	-126.72	-1427.87	-13.97	715.35	203.23
29186	93.46	2.50	5.34	-211.56	-129.05	-1424.10	-21.70	630.48	207.35
29187	94.57	2.50	5.34	-168.42	-127.63	-1448.65	-26.15	530.60	200.54
29188	95.68	2.50	5.34	-116.20	-121.69	-1494.66	-27.98	419.87	183.39
29189	79.00	3.10	5.34	108.50	-38.55	-2718.12	-26.13	196.64	-152.57
29190	80.11	3.10	5.34	90.83	-40.34	-2675.18	-5.15	334.10	-140.29
29191	81.21	3.10	5.34	64.54	-43.45	-2606.10	13.20	464.05	-116.98
29192	82.32	3.10	5.34	30.03	-48.07	-2512.79	27.49	583.40	-84.25
29193	83.43	3.10	5.34	-11.93	-54.38	-2398.24	36.73	688.44	-44.42
29194	84.53	3.10	5.34	-59.56	-62.40	-2266.99	40.53	775.32	-0.18
29195	85.64	3.10	5.34	-109.98	-72.02	-2125.52	39.04	840.57	45.61
29196	86.74	3.10	5.34	-159.22	-82.90	-1981.82	33.05	881.87	90.18
29197	87.85	3.10	5.34	-202.95	-94.50	-1844.78	23.66	898.32	131.11
29198	88.95	3.10	5.34	-236.70	-106.05	-1723.18	12.33	890.53	166.33
29199	90.06	3.10	5.34	-256.94	-116.70	-1624.75	0.57	860.12	194.19
29200	91.17	3.10	5.34	-260.95	-125.50	-1555.34	-10.13	809.02	213.37
29201	92.27	3.10	5.34	-247.65	-131.51	-1518.25	-18.56	739.08	222.83
29202	93.38	3.10	5.34	-217.70	-133.89	-1513.56	-23.90	652.03	221.90
29203	94.48	3.10	5.34	-174.01	-132.15	-1537.86	-26.03	550.37	210.48
29204	95.59	3.10	5.34	-121.27	-125.65	-1584.12	-25.50	438.04	189.27
29205	64.12	2.50	17.16	76.92	-130.83	36.81	121.04	103.40	194.38



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]
29206	65.04	2.50	17.16	152.81	-168.25	-41.74	233.74	74.70	117.15
29207	65.96	2.50	17.16	177.35	-210.72	-73.53	333.58	15.67	92.87
29208	66.89	2.50	17.16	125.28	-270.38	-101.79	433.19	-71.43	85.57
29209	67.81	2.50	17.16	-48.47	-357.26	-156.62	541.01	-207.81	83.79
29210	68.74	2.50	17.16	-430.63	-484.96	-289.08	663.77	-454.74	82.68
29211	69.66	2.50	17.16	-1196.46	-683.14	-640.43	806.31	-973.58	82.07
29212	70.59	2.50	17.16	-2696.00	-1027.67	-1597.07	971.80	-2216.55	101.68
29213	71.51	2.50	17.16	-5810.14	-2287.98	-7734.74	1157.68	-6151.36	331.53
29214	72.44	2.50	17.16	-1475.95	-2123.73	-12566.90	21.21	-1040.24	-248.30
29215	73.36	2.50	17.16	-1726.50	-1724.80	-7781.21	290.14	2291.00	-1140.76
29216	74.29	2.50	17.16	-985.72	-1289.99	-3176.95	189.53	399.12	-1779.32
29217	75.21	2.50	17.16	-765.43	-1435.93	-2761.33	210.90	92.51	-2210.60
29218	76.14	2.50	17.16	-694.19	-1504.87	-2607.96	206.20	62.71	-2329.15
29219	77.06	2.50	17.16	-673.61	-1529.91	-2543.54	188.87	89.22	-2357.02
29220	77.99	2.50	17.16	-664.18	-1519.44	-2501.15	156.69	127.32	-2346.08
29221	64.23	3.10	17.16	86.42	-125.16	36.32	114.10	114.63	188.92
29222	65.14	3.10	17.16	169.08	-168.79	-44.66	218.52	79.64	111.98
29223	66.06	3.10	17.16	197.46	-218.69	-78.44	312.12	16.22	89.17
29224	66.98	3.10	17.16	145.67	-287.35	-108.87	407.06	-76.71	85.05
29225	67.90	3.10	17.16	-33.54	-386.66	-167.89	513.34	-222.80	88.48
29226	68.81	3.10	17.16	-432.30	-533.33	-310.52	640.67	-488.74	96.55
29227	69.73	3.10	17.16	-1236.58	-758.34	-688.50	803.08	-1049.70	111.33
29228	70.65	3.10	17.16	-2829.49	-1138.80	-1720.74	1013.56	-2384.13	166.29
29229	71.57	3.10	17.16	-6150.75	-2466.84	-8235.62	1277.20	-6567.06	504.89
29230	72.49	3.10	17.16	-1657.22	-2174.76	-13193.80	-9.00	-1174.01	-187.93
29231	73.40	3.10	17.16	-1806.41	-2236.54	-9696.09	106.58	883.85	-2220.42
29232	74.32	3.10	17.16	-1639.08	-2564.97	-7363.28	207.66	162.07	-4064.34
29233	75.24	3.10	17.16	-1577.21	-2769.99	-7084.43	252.35	137.64	-4427.70
29234	76.16	3.10	17.16	-1526.05	-2879.80	-6884.65	262.05	165.07	-4505.49
29235	77.07	3.10	17.16	-1505.24	-2898.67	-6742.88	266.69	208.16	-4496.67
29236	77.99	3.10	17.16	-1497.24	-2861.61	-6632.01	241.85	255.80	-4454.81
29237	63.70	2.50	15.47	-2.24	-17.39	52.91	82.27	64.15	347.91
29238	64.65	2.50	15.47	-117.95	-41.37	-142.73	95.62	-49.82	277.29
29239	65.60	2.50	15.47	-281.63	-70.85	-264.75	127.82	-202.87	230.51
29240	66.56	2.50	15.47	-503.50	-106.34	-386.87	160.74	-424.45	201.74
29241	67.51	2.50	15.47	-798.24	-153.98	-583.07	184.91	-753.60	179.07
29242	68.46	2.50	15.47	-1166.37	-225.66	-969.35	191.04	-1252.13	150.72
29243	69.41	2.50	15.47	-1540.19	-344.09	-1778.32	163.88	-1994.52	101.85
29244	70.36	2.50	15.47	-1627.25	-562.99	-3593.90	73.26	-2944.20	6.29
29245	71.31	2.50	15.47	-72.19	-602.92	-5627.72	-164.80	-2535.99	-278.17
29246	72.27	2.50	15.47	26.94	-854.72	-6915.03	-157.82	-1414.29	-653.32
29247	73.22	2.50	15.47	-352.62	-1076.27	-7064.87	-394.52	-19.59	-1167.95
29248	74.17	2.50	15.47	-1047.64	-1209.47	-6058.89	-288.85	673.44	-1739.75
29249	75.12	2.50	15.47	-1034.99	-1123.16	-5003.23	-156.40	438.78	-2073.01
29250	76.07	2.50	15.47	-952.30	-1077.99	-4593.70	-42.03	305.03	-2235.42
29251	77.02	2.50	15.47	-894.53	-1026.43	-4391.46	25.06	255.30	-2284.44
29252	77.97	2.50	15.47	-866.51	-980.70	-4279.79	43.11	240.19	-2279.23
29253	63.81	3.10	15.47	0.75	-12.54	47.65	80.34	74.02	338.51
29254	64.75	3.10	15.47	-122.35	-35.15	-154.63	93.49	-50.25	273.43
29255	65.70	3.10	15.47	-293.62	-66.05	-283.26	128.43	-213.77	232.51
29256	66.64	3.10	15.47	-526.18	-103.09	-413.54	166.55	-449.12	212.76
29257	67.59	3.10	15.47	-836.42	-151.71	-623.15	198.89	-798.74	204.12
29258	68.53	3.10	15.47	-1226.24	-222.59	-1035.44	215.80	-1329.48	197.39
29259	69.48	3.10	15.47	-1626.08	-336.87	-1899.07	198.15	-2122.30	179.85
29260	70.42	3.10	15.47	-1728.51	-549.90	-3829.09	102.73	-3138.85	120.20
29261	71.37	3.10	15.47	-112.87	-562.00	-5974.44	-182.80	-2734.67	-168.13
29262	72.31	3.10	15.47	-106.61	-805.62	-7456.67	-189.00	-1705.87	-566.22
29263	73.26	3.10	15.47	-449.77	-710.60	-7774.23	-424.23	-251.43	-908.17
29264	74.20	3.10	15.47	-884.92	-448.85	-6892.53	-324.91	342.15	-1280.17
29265	75.14	3.10	15.47	-916.93	-293.06	-6082.65	-175.13	294.78	-1615.84
29266	76.09	3.10	15.47	-881.52	-216.87	-5700.44	-49.19	265.70	-1758.80
29267	77.03	3.10	15.47	-870.24	-139.62	-5499.02	30.45	267.42	-1790.95
29268	77.98	3.10	15.47	-879.62	-71.38	-5382.64	35.59	264.55	-1770.14
29269	63.29	2.50	13.78	-40.31	30.46	-138.39	66.33	-68.76	326.20
29270	64.27	2.50	13.78	-184.17	22.73	-345.25	35.53	-258.27	309.99
29271	65.24	2.50	13.78	-352.38	10.59	-533.68	17.80	-458.42	281.97
29272	66.22	2.50	13.78	-536.33	-5.36	-747.15	4.56	-704.31	249.76
29273	67.20	2.50	13.78	-713.38	-26.86	-1051.55	-14.75	-1016.80	211.49
29274	68.18	2.50	13.78	-834.14	-58.23	-1534.38	-49.54	-1393.74	158.39
29275	69.16	2.50	13.78	-802.96	-104.25	-2294.19	-107.88	-1768.10	75.05
29276	70.14	2.50	13.78	-484.38	-142.48	-3227.67	-190.99	-1889.74	-64.79
29277	71.11	2.50	13.78	-319.61	-234.80	-4195.95	-250.60	-1777.81	-254.01
29278	72.09	2.50	13.78	14.42	-300.01	-4974.57	-334.46	-1364.28	-496.94
29279	73.07	2.50	13.78	91.26	-354.42	-5349.49	-308.60	-736.91	-736.06
29280	74.05	2.50	13.78	-58.04	-383.81	-5265.36	-300.10	-161.38	-939.14
29281	75.03	2.50	13.78	-337.60	-427.23	-4908.10	-236.06	171.25	-1133.88
29282	76.00	2.50	13.78	-468.75	-430.32	-4529.15	-153.09	248.20	-1265.61
29283	76.98	2.50	13.78	-527.31	-419.61	-4284.30	-78.53	260.73	-1328.03
29284	77.96	2.50	13.78	-551.34	-403.85	-4136.64	-27.92	253.20	-1342.35
29285	63.39	3.10	13.78	-40.05	31.34	-161.40	66.28	-68.33	316.33
29286	64.36	3.10	13.78	-192.46	27.96	-372.81	38.53	-268.32	309.95
29287	65.34	3.10	13.78	-368.74	18.29	-569.50	25.50	-479.67	291.14
29288	66.31	3.10	13.78	-561.16	4.79	-794.68	18.14	-739.13	270.12
29289	67.28	3.10	13.78	-746.99	-13.60	-1116.55	5.44	-1068.80	246.58
29290	68.25	3.10	13.78	-875.63	-39.99	-1626.48	-23.75	-1467.15	212.67
29291	69.22	3.10	13.78	-848.32	-77.72	-2427.15	-81.20	-1865.19	151.87
29292	70.19	3.10	13.78	-525.88	-101.30	-3410.62	-172.49	-2005.79	31.20
29293	71.16	3.10	13.78	-374.75	-181.10	-4453.53	-241.88	-1925.01	-145.06
29294	72.14	3.10	13.78	-4.37	-223.72	-5315.19	-340.32	-1517.42	-385.41
29295	73.11	3.10	13.78	85.92	-327.58	-5768.64	-316.49	-880.33	-661.70
29296	74.08	3.10	13.78	-95.37	-414.74	-5757.61	-313.96	-278.15	-904.89
29297	75.05	3.10	13.78	-337.08	-444.40	-5464.52	-252.55	60.62	-1114.02
29298	76.02	3.10	13.78	-470.82	-440.79	-5150.80	-159.01	191.20	-1259.15
29299	76.99	3.10	13.78	-545.07	-417.59	-4911.10	-75.77	247.75	-1313.34
29300	77.96	3.10	13.78	-583.73	-391.79	-4746.76	-24.70	258.98	-1314.65
29301	62.87	2.50	12.09	-71.32	22.72	-462.79	41.03	-188.78	250.06
29302	63.88	2.50	12.09	-194.34	25.05	-610.20	3.61	-400.62	268.22
29303	64.88	2.50	12.09	-316.07	25.85	-790.70	-30.66	-605.41	265.90
29304	65.89	2.50	12.09	-426.55	25.02	-1016.75	-62.96	-818.45	246.79

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]
29305	66.89	2.50	12.09	-505.23	21.78	-1317.59	-97.32	-1043.78	211.67
29306	67.90	2.50	12.09	-522.07	15.03	-1723.67	-137.66	-1261.92	157.40
29307	68.90	2.50	12.09	-453.04	4.81	-2233.49	-184.80	-1421.80	77.98
29308	69.91	2.50	12.09	-340.67	-18.16	-2826.06	-232.85	-1492.15	-29.43
29309	70.91	2.50	12.09	-142.27	-43.83	-3427.90	-281.91	-1412.65	-168.74
29310	71.92	2.50	12.09	-5.11	-88.32	-3942.94	-305.82	-1181.23	-331.78
29311	72.92	2.50	12.09	79.57	-144.90	-4287.01	-317.96	-857.12	-509.92
29312	73.93	2.50	12.09	68.12	-204.97	-4436.45	-289.29	-504.62	-682.14
29313	74.93	2.50	12.09	-8.60	-245.09	-4411.93	-243.91	-200.80	-820.10
29314	75.94	2.50	12.09	-122.26	-273.44	-4287.94	-183.59	12.31	-922.53
29315	76.94	2.50	12.09	-206.18	-286.73	-4142.29	-119.30	133.17	-985.87
29316	77.95	2.50	12.09	-252.89	-290.58	-4031.22	-57.23	204.52	-1013.43
29317	62.98	3.10	12.09	-74.01	20.16	-506.28	41.13	-196.70	242.93
29318	63.98	3.10	12.09	-203.21	26.47	-655.38	7.96	-416.42	271.33
29319	64.97	3.10	12.09	-330.39	30.75	-842.08	-21.74	-630.21	279.10
29320	65.97	3.10	12.09	-445.76	33.72	-1078.38	-49.48	-853.53	271.03
29321	66.97	3.10	12.09	-528.48	34.75	-1393.97	-79.73	-1090.37	248.51
29322	67.97	3.10	12.09	-548.10	33.24	-1819.95	-117.47	-1320.88	208.37
29323	68.97	3.10	12.09	-480.48	29.69	-2354.92	-164.82	-1493.38	143.45
29324	69.96	3.10	12.09	-369.73	14.15	-2980.28	-216.14	-1578.04	49.62
29325	70.96	3.10	12.09	-163.62	-1.09	-3620.83	-273.36	-1509.08	-79.83
29326	71.96	3.10	12.09	-23.71	-38.33	-4183.46	-308.49	-1287.06	-241.29
29327	72.96	3.10	12.09	72.75	-75.46	-4585.40	-334.01	-967.43	-424.22
29328	73.96	3.10	12.09	82.68	-116.78	-4790.89	-307.82	-602.70	-606.60
29329	74.96	3.10	12.09	8.64	-150.54	-4806.68	-259.53	-274.35	-753.39
29330	75.95	3.10	12.09	-98.60	-170.20	-4706.75	-197.06	-40.75	-860.26
29331	76.95	3.10	12.09	-183.81	-182.85	-4580.22	-129.73	103.32	-931.01
29332	77.95	3.10	12.09	-233.78	-189.37	-4477.96	-63.10	196.58	-964.87
29333	62.46	2.50	10.41	-95.11	-22.92	-804.51	13.04	-287.28	160.32
29334	63.49	2.50	10.41	-199.26	-16.75	-882.23	-20.28	-483.99	198.65
29335	64.52	2.50	10.41	-284.92	-8.15	-1008.29	-53.05	-666.29	216.79
29336	65.56	2.50	10.41	-350.57	0.79	-1186.73	-85.45	-836.22	214.97
29337	66.59	2.50	10.41	-383.56	9.41	-1424.93	-118.61	-990.90	193.65
29338	67.62	2.50	10.41	-374.80	16.29	-1727.82	-153.19	-1120.58	152.76
29339	68.65	2.50	10.41	-324.00	19.15	-2092.15	-188.52	-1209.58	91.85
29340	69.68	2.50	10.41	-228.08	17.92	-2496.45	-222.92	-1232.52	10.21
29341	70.71	2.50	10.41	-121.03	8.61	-2905.98	-250.34	-1176.18	-90.14
29342	71.74	2.50	10.41	-10.60	-6.34	-3277.00	-268.92	-1039.49	-205.31
29343	72.78	2.50	10.41	65.38	-26.66	-3570.81	-269.56	-835.93	-326.79
29344	73.81	2.50	10.41	99.65	-49.81	-3761.31	-254.31	-599.27	-444.40
29345	74.84	2.50	10.41	89.09	-75.03	-3850.36	-220.51	-363.89	-548.75
29346	75.87	2.50	10.41	52.41	-95.39	-3859.48	-174.92	-157.53	-630.15
29347	76.90	2.50	10.41	6.68	-109.72	-3823.01	-121.64	9.73	-685.53
29348	77.93	2.50	10.41	-27.54	-116.17	-3771.08	-64.55	142.67	-713.18
29349	62.56	3.10	10.41	-100.38	-28.82	-863.92	12.11	-301.42	158.10
29350	63.59	3.10	10.41	-208.52	-19.38	-942.11	-16.52	-502.86	205.14
29351	64.61	3.10	10.41	-297.57	-7.58	-1071.96	-45.04	-691.17	232.29
29352	65.64	3.10	10.41	-365.99	4.96	-1257.42	-73.67	-868.08	240.03
29353	66.66	3.10	10.41	-400.98	17.60	-1505.93	-103.87	-1030.30	228.86
29354	67.69	3.10	10.41	-393.39	29.06	-1822.61	-136.70	-1167.87	198.63
29355	68.71	3.10	10.41	-342.83	37.12	-2204.71	-171.88	-1265.08	148.42
29356	69.74	3.10	10.41	-245.05	41.93	-2630.89	-208.29	-1295.61	76.35
29357	70.76	3.10	10.41	-135.74	38.62	-3067.14	-239.43	-1246.17	-16.91
29358	71.79	3.10	10.41	-19.02	31.13	-3468.76	-262.68	-1113.55	-127.63
29359	72.81	3.10	10.41	64.48	16.21	-3794.49	-267.49	-909.07	-247.54
29360	73.84	3.10	10.41	105.35	-2.62	-4017.10	-257.61	-667.90	-367.04
29361	74.86	3.10	10.41	103.19	-23.70	-4136.24	-227.19	-422.32	-476.98
29362	75.89	3.10	10.41	70.62	-42.32	-4169.05	-182.04	-200.63	-564.69
29363	76.91	3.10	10.41	28.35	-53.95	-4147.63	-127.60	-16.80	-624.02
29364	77.94	3.10	10.41	-4.12	-58.49	-4103.79	-68.41	133.82	-653.82
29365	62.05	2.50	8.72	-129.90	-96.97	-1115.50	-22.46	-375.47	65.82
29366	63.11	2.50	8.72	-213.64	-89.37	-1124.73	-46.64	-546.67	121.38
29367	64.16	2.50	8.72	-293.96	-76.93	-1177.76	-69.74	-696.78	157.01
29368	65.22	2.50	8.72	-336.72	-59.41	-1283.72	-92.65	-818.26	171.34
29369	66.28	2.50	8.72	-345.94	-41.54	-1449.06	-116.53	-919.82	165.35
29370	67.34	2.50	8.72	-323.93	-25.41	-1667.64	-141.42	-998.36	140.46
29371	68.40	2.50	8.72	-272.52	-12.14	-1929.06	-166.29	-1044.43	98.08
29372	69.45	2.50	8.72	-199.98	-3.06	-2218.11	-188.95	-1048.33	39.94
29373	70.51	2.50	8.72	-113.38	1.71	-2513.57	-207.05	-1002.02	-31.62
29374	71.57	2.50	8.72	-29.63	1.37	-2791.27	-216.94	-904.18	-112.72
29375	72.63	2.50	8.72	41.06	-3.51	-3028.15	-216.94	-762.47	-198.21
29376	73.69	2.50	8.72	87.73	-11.95	-3208.99	-204.94	-590.63	-281.98
29377	74.75	2.50	8.72	109.34	-21.72	-3328.01	-181.63	-406.31	-357.52
29378	75.80	2.50	8.72	109.33	-31.44	-3390.30	-147.91	-224.83	-419.18
29379	76.86	2.50	8.72	97.09	-38.76	-3407.64	-106.74	-55.94	-462.17
29380	77.92	2.50	8.72	81.12	-42.57	-3393.86	-61.16	98.38	-483.96
29381	62.14	3.10	8.72	-138.03	-106.65	-1185.15	-24.57	-394.44	70.64
29382	63.20	3.10	8.72	-224.16	-96.40	-1194.89	-43.81	-568.05	133.56
29383	64.25	3.10	8.72	-306.87	-81.18	-1250.01	-62.19	-721.78	176.43
29384	65.30	3.10	8.72	-351.41	-60.52	-1360.00	-81.73	-847.40	197.78
29385	66.35	3.10	8.72	-361.53	-39.23	-1531.83	-103.42	-953.39	199.27
29386	67.40	3.10	8.72	-339.50	-19.38	-1759.62	-127.09	-1036.57	182.37
29387	68.46	3.10	8.72	-287.09	-2.01	-2033.01	-151.78	-1087.28	148.16
29388	69.51	3.10	8.72	-212.71	11.57	-2336.86	-175.27	-1095.54	97.85
29389	70.56	3.10	8.72	-122.81	21.40	-2649.70	-195.27	-1052.61	33.21
29390	71.61	3.10	8.72	-34.98	26.06	-2946.97	-207.97	-956.51	-42.65
29391	72.66	3.10	8.72	40.79	26.39	-3204.94	-211.42	-814.40	-125.11
29392	73.72	3.10	8.72	93.40	22.96	-3406.81	-202.35	-638.90	-207.68
29393	74.77	3.10	8.72	120.43	17.48	-3545.19	-181.57	-447.96	-283.27
29394	75.82	3.10	8.72	125.50	11.21	-3623.92	-149.61	-256.92	-346.12
29395	76.87	3.10	8.72	116.56	5.71	-3653.30	-109.20	-75.96	-390.89
29396	77.92	3.10	8.72	102.44	2.70	-3646.08	-63.75	91.65	-414.11
29397	61.63	2.50	7.03	-139.29	-200.93	-1410.38	-60.75	-477.82	-44.44
29398	62.72	2.50	7.03	-319.01	-197.69	-1317.04	-90.86	-642.35	36.75
29399	63.80	2.50	7.03	-367.00	-169.01	-1268.21	-96.97	-709.57	95.14
29400	64.89	2.50	7.03	-374.60	-139.99	-1314.92	-101.80	-774.76	125.77
29401	65.97	2.50	7.03	-357.52	-112.40	-1423.21	-110.46	-834.39	132.90
29402	67.06	2.50	7.03	-320.36	-87.91	-1577.79	-122.84	-879.94	121.03
29403	68.14	2.50	7.03	-266.24	-67.30	-1766.68	-137.07	-903.12	93.55

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]
29404	69.23	2.50	7.03	-198.91	-50.75	-1977.30	-150.87	-896.75	53.18
29405	70.31	2.50	7.03	-125.27	-38.37	-2195.43	-161.78	-856.18	2.70
29406	71.40	2.50	7.03	-52.16	-29.92	-2405.73	-167.76	-780.35	-54.75
29407	72.48	2.50	7.03	12.28	-25.13	-2593.91	-166.89	-672.35	-115.40
29408	73.57	2.50	7.03	62.80	-23.38	-2748.65	-158.22	-539.28	-174.95
29409	74.65	2.50	7.03	96.38	-23.92	-2863.76	-141.49	-390.28	-228.98
29410	75.74	2.50	7.03	113.86	-25.66	-2938.18	-117.56	-234.53	-273.39
29411	76.82	2.50	7.03	118.19	-27.71	-2975.05	-87.88	-79.09	-304.86
29412	77.91	2.50	7.03	113.46	-29.17	-2979.29	-54.55	72.05	-320.92
29413	61.73	3.10	7.03	-150.37	-218.50	-1486.14	-65.63	-501.93	-29.60
29414	62.81	3.10	7.03	-333.59	-213.00	-1392.03	-84.47	-667.17	59.23
29415	63.89	3.10	7.03	-383.67	-180.43	-1343.54	-85.77	-735.54	120.76
29416	64.96	3.10	7.03	-392.12	-147.54	-1392.34	-88.71	-802.04	154.86
29417	66.04	3.10	7.03	-374.70	-116.40	-1504.75	-96.85	-863.38	166.57
29418	67.12	3.10	7.03	-336.30	-88.67	-1665.44	-109.27	-911.02	160.26
29419	68.20	3.10	7.03	-280.30	-64.90	-1862.39	-123.86	-936.50	138.90
29420	69.28	3.10	7.03	-210.50	-45.07	-2082.90	-138.40	-932.26	104.75
29421	70.36	3.10	7.03	-133.91	-29.28	-2312.57	-150.51	-893.27	60.07
29422	71.44	3.10	7.03	-57.25	-17.24	-2535.75	-158.16	-818.00	7.65
29423	72.52	3.10	7.03	11.22	-8.92	-2737.61	-159.27	-709.03	-49.00
29424	73.60	3.10	7.03	65.93	-3.89	-2906.10	-152.84	-573.20	-105.77
29425	74.67	3.10	7.03	103.67	-1.55	-3034.09	-138.26	-419.36	-158.25
29426	75.75	3.10	7.03	124.76	-0.97	-3119.50	-116.26	-256.86	-202.01
29427	76.83	3.10	7.03	131.93	-1.28	-3164.63	-88.20	-93.04	-233.44
29428	77.91	3.10	7.03	128.90	-1.81	-3173.72	-56.18	67.62	-249.87
29429	61.22	2.50	5.34	-626.79	-364.95	-1774.59	-280.70	-821.73	-244.36
29430	62.33	2.50	5.34	-517.44	-291.43	-1330.83	-205.31	-637.11	-41.34
29431	63.44	2.50	5.34	-454.10	-255.47	-1280.25	-154.81	-640.70	48.34
29432	64.55	2.50	5.34	-411.06	-219.49	-1302.53	-124.06	-681.10	89.20
29433	65.67	2.50	5.34	-370.26	-185.19	-1373.36	-109.34	-724.47	102.51
29434	66.78	2.50	5.34	-322.85	-154.49	-1480.61	-105.89	-756.87	97.41
29435	67.89	2.50	5.34	-266.76	-128.43	-1615.48	-109.01	-771.06	78.81
29436	69.00	2.50	5.34	-203.71	-107.03	-1768.66	-114.85	-762.32	49.92
29437	70.11	2.50	5.34	-137.27	-89.89	-1929.99	-120.46	-727.75	13.38
29438	71.22	2.50	5.34	-72.25	-76.57	-2088.91	-123.60	-666.61	-28.17
29439	72.34	2.50	5.34	-13.24	-66.64	-2235.40	-122.71	-580.58	-71.87
29440	73.45	2.50	5.34	35.72	-59.66	-2361.14	-116.83	-473.50	-114.70
29441	74.56	2.50	5.34	72.33	-55.15	-2460.28	-105.68	-350.74	-153.53
29442	75.67	2.50	5.34	95.83	-52.60	-2529.88	-89.59	-218.11	-185.46
29443	76.78	2.50	5.34	107.02	-51.46	-2569.51	-69.54	-80.89	-207.99
29444	77.89	2.50	5.34	107.40	-51.33	-2580.38	-46.92	56.79	-219.32
29445	61.31	3.10	5.34	-653.87	-394.34	-1845.04	-271.12	-852.44	-213.78
29446	62.42	3.10	5.34	-540.97	-317.34	-1400.83	-188.68	-661.19	-15.40
29447	63.52	3.10	5.34	-477.08	-276.20	-1351.72	-136.70	-663.69	75.80
29448	64.63	3.10	5.34	-433.02	-235.07	-1376.44	-106.55	-704.10	118.92
29449	65.73	3.10	5.34	-390.53	-196.32	-1450.71	-93.55	-748.09	135.44
29450	66.84	3.10	5.34	-340.80	-162.14	-1562.50	-91.84	-781.46	134.41
29451	67.95	3.10	5.34	-282.00	-133.27	-1703.00	-96.37	-796.78	120.44
29452	69.05	3.10	5.34	-216.08	-109.37	-1862.90	-103.34	-789.05	96.38
29453	70.16	3.10	5.34	-146.62	-89.75	-2031.94	-110.06	-755.08	64.56
29454	71.26	3.10	5.34	-78.46	-73.94	-2199.37	-114.45	-693.82	27.31
29455	72.37	3.10	5.34	-16.22	-61.52	-2354.83	-115.06	-606.69	-12.73
29456	73.47	3.10	5.34	36.04	-52.16	-2489.54	-110.85	-497.30	-52.63
29457	74.58	3.10	5.34	75.76	-45.52	-2597.10	-101.49	-370.92	-89.33
29458	75.69	3.10	5.34	102.01	-41.22	-2673.97	-87.21	-233.37	-119.90
29459	76.79	3.10	5.34	115.31	-38.85	-2719.13	-68.92	-90.14	-141.77
29460	77.90	3.10	5.34	117.00	-38.03	-2733.33	-47.99	54.33	-153.02
29461	78.90	3.95	17.16	-1674.69	-938.25	-9378.26	-34.76	341.87	-955.34
29462	79.81	3.95	17.16	-1555.56	-1038.58	-9128.16	-104.81	354.80	-986.58
29463	80.71	3.95	17.16	-1496.52	-1126.17	-8990.43	-18.29	476.67	-961.01
29464	81.61	3.96	17.16	-1593.08	-1100.01	-9138.07	53.28	597.11	-824.34
29465	82.52	3.96	17.16	-1662.15	-1123.54	-9456.86	5.78	642.16	-624.23
29466	83.42	3.96	17.16	-1565.28	-1391.49	-9993.17	-37.52	812.24	-385.42
29467	84.32	3.96	17.16	-1659.46	-1894.93	-11853.60	-98.50	1709.69	47.57
29468	85.23	3.96	17.16	-1590.95	-2388.37	-7468.62	-1549.97	6212.48	718.32
29469	86.13	3.96	17.16	-2751.72	-1143.63	-1635.80	-1159.61	2369.37	271.46
29470	87.04	3.97	17.16	-1226.21	-731.96	-659.40	-885.20	1063.56	177.04
29471	87.94	3.97	17.16	-441.46	-478.73	-306.16	-701.03	511.16	133.35
29472	88.84	3.97	17.16	-44.05	-314.50	-170.28	-561.97	244.29	111.62
29473	89.75	3.97	17.16	141.61	-201.30	-113.08	-449.24	94.49	101.14
29474	90.65	3.97	17.16	202.13	-121.42	-83.43	-350.05	-3.05	101.47
29475	91.56	3.97	17.16	181.76	-61.93	-51.46	-253.35	-72.95	122.52
29476	92.46	3.97	17.16	103.69	-7.65	23.47	-147.31	-120.84	201.17
29477	78.89	5.05	17.16	-1238.62	-1168.10	-6029.17	-126.13	-61.82	2166.35
29478	79.77	5.06	17.16	-1521.03	-1391.14	-8065.13	-209.77	-1322.65	611.14
29479	80.65	5.06	17.16	-1326.35	-1520.04	-9778.10	-70.96	489.79	-528.91
29480	81.53	5.06	17.16	-1825.68	-1425.78	-8063.56	-68.31	1949.34	730.04
29481	82.42	5.07	17.16	-1300.15	-1267.16	-6441.32	-281.84	778.00	2034.00
29482	83.30	5.07	17.16	-1327.12	-1710.58	-9720.90	-244.01	-682.08	993.19
29483	84.18	5.07	17.16	-1899.97	-2173.32	-14184.00	-111.48	1988.36	419.48
29484	85.06	5.08	17.16	-6557.28	-2822.01	-8698.10	-2018.49	7378.07	1422.12
29485	85.94	5.08	17.16	-2924.01	-1365.67	-1782.68	-1270.81	2600.56	638.61
29486	86.82	5.09	17.16	-1271.42	-840.00	-730.69	-888.90	1163.47	311.45
29487	87.70	5.09	17.16	-442.34	-545.49	-345.50	-657.62	561.18	186.30
29488	88.58	5.09	17.16	-24.09	-353.36	-195.12	-507.20	268.50	130.44
29489	89.46	5.10	17.16	170.66	-222.20	-130.37	-398.37	103.43	103.18
29490	90.35	5.10	17.16	233.23	-129.51	-95.73	-310.32	-4.31	94.24
29491	91.23	5.11	17.16	209.89	-59.70	-58.67	-228.98	-82.56	110.33
29492	92.11	5.11	17.16	124.25	3.82	23.39	-141.74	-139.82	186.16
29493	78.88	6.15	17.16	-643.15	-418.85	-2519.93	-65.01	-608.93	82.27
29494	79.73	6.16	17.16	-1578.58	-1369.62	-7588.26	-144.17	-3426.90	-457.12
29495	80.58	6.16	17.16	-1270.07	-1958.46	-11535.50	-79.09	486.18	-544.99
29496	81.44	6.16	17.16	-2056.42	-1420.57	-7513.29	-58.19	3365.62	-208.15
29497	82.29	6.17	17.16	-1060.11	-1231.64	-6461.76	-54.88	-588.12	-1779.57
29498	83.14	6.17	17.16	-1483.38	-2136.46	-12217.10	287.00	-361.58	-1426.49
29499	83.99	6.18	17.16	-4563.04	-4035.30	-12668.50	-1499.41	4651.76	3273.68
29500	84.85	6.18	17.16	-4942.56	-3733.66	-6188.88	-2687.13	5280.45	3842.70
29501	85.70	6.18	17.16	-2536.55	-1572.19	-1780.89	-1488.69	2400.13	1085.36
29502	86.55	6.19	17.16	-1167.20	-948.90	-751.58	-900.79	1159.10	473.57

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]
29503	87.41	6.19	17.16	-407.16	-598.41	-376.04	-611.90	582.79	251.05
29504	88.26	6.20	17.16	-4.20	-381.67	-219.47	-447.26	284.36	154.12
29505	89.11	6.20	17.16	189.29	-236.53	-148.88	-342.28	110.20	106.38
29506	89.96	6.20	17.16	253.02	-135.10	-108.94	-266.07	-5.47	86.32
29507	90.82	6.21	17.16	229.90	-58.45	-65.72	-201.05	-90.95	96.55
29508	91.67	6.21	17.16	142.54	10.68	23.63	-134.73	-157.71	168.43
29509	78.86	7.25	17.16	-811.72	-413.93	-3008.33	-58.71	-893.06	-222.70
29510	79.68	7.25	17.16	-1883.41	-1577.97	-8911.20	-180.71	-4202.59	-654.91
29511	80.50	7.25	17.16	-1442.91	-2214.53	-13232.40	-42.16	416.27	-613.01
29512	81.32	7.26	17.16	-2134.86	-1693.22	-9143.10	4.69	3310.69	-305.96
29513	82.14	7.26	17.16	-1437.79	-1762.27	-10991.30	-21.70	-1818.00	-837.87
29514	82.96	7.26	17.16	-2137.43	-2591.06	-16857.70	201.65	1847.86	246.66
29515	83.78	7.26	17.16	-7181.33	-3616.35	-10416.70	-1969.95	8131.08	1779.18
29516	84.59	7.26	17.16	-3152.85	-2129.07	-2775.63	-1301.66	2984.68	1130.96
29517	85.41	7.27	17.16	-1881.16	-1664.69	-1522.16	-1168.58	1857.83	1061.63
29518	86.23	7.27	17.16	-939.31	-996.44	-727.50	-789.73	1042.82	553.03
29519	87.05	7.27	17.16	-333.35	-627.76	-394.59	-529.02	564.79	302.72
29520	87.87	7.27	17.16	19.24	-395.27	-242.89	-373.94	286.76	175.97
29521	88.69	7.27	17.16	198.54	-242.62	-168.83	-279.36	112.72	108.93
29522	89.51	7.27	17.16	260.77	-137.33	-123.29	-217.17	-7.39	77.24
29523	90.33	7.28	17.16	240.39	-58.59	-72.89	-169.56	-98.48	80.95
29524	91.15	7.28	17.16	156.92	13.34	24.62	-124.61	-173.22	148.19
29525	78.92	3.95	15.47	-1042.06	-53.33	-6196.63	-44.22	210.20	-1112.91
29526	79.85	3.95	15.47	-936.57	-207.00	-6335.60	-100.45	166.97	-1260.33
29527	80.78	3.95	15.47	-866.57	-335.06	-6482.43	17.37	303.49	-1331.14
29528	81.71	3.96	15.47	-884.09	-319.87	-6536.94	135.56	428.41	-1154.57
29529	82.64	3.96	15.47	-825.89	-344.52	-6770.84	140.41	469.28	-877.48
29530	83.57	3.96	15.47	-596.47	-552.32	-7328.46	122.20	814.18	-618.27
29531	84.50	3.96	15.47	-378.50	-615.54	-6937.80	51.86	2031.71	-311.38
29532	85.43	3.96	15.47	-271.91	-373.93	-5499.41	113.65	2756.18	28.59
29533	86.36	3.96	15.47	-1675.87	-407.32	-3559.15	-219.19	3028.11	298.84
29534	87.29	3.96	15.47	-1552.83	-245.02	-1808.75	-310.74	2067.64	304.27
29535	88.23	3.97	15.47	-1166.86	-147.15	-1012.19	-310.40	1314.73	282.64
29536	89.16	3.97	15.47	-795.57	-79.17	-626.84	-276.42	804.43	265.57
29537	90.09	3.97	15.47	-499.56	-28.91	-427.89	-230.11	461.67	260.49
29538	91.02	3.97	15.47	-276.35	10.44	-303.64	-180.41	225.04	272.44
29539	91.95	3.97	15.47	-109.96	41.81	-183.21	-135.24	54.75	308.81
29540	92.88	3.97	15.47	14.76	63.02	2.25	-112.69	-80.45	371.99
29541	78.90	5.05	15.47	-1495.34	-550.09	-6721.21	-173.66	-1.56	-286.64
29542	79.81	5.06	15.47	-971.08	-624.49	-7153.40	-324.49	-37.29	-487.51
29543	80.72	5.06	15.47	-678.28	-679.15	-7426.06	-55.12	286.07	-573.65
29544	81.63	5.06	15.47	-880.93	-749.29	-7544.64	179.07	586.04	-544.31
29545	82.54	5.07	15.47	-1204.75	-968.38	-7933.00	78.70	636.92	-522.65
29546	83.45	5.07	15.47	-758.71	-924.85	-8218.19	33.07	1181.82	-226.87
29547	84.36	5.07	15.47	-336.43	-524.63	-7367.34	30.53	2341.29	294.88
29548	85.27	5.08	15.47	-259.64	-206.48	-5848.66	25.71	2958.04	580.61
29549	86.18	5.08	15.47	-1810.97	-391.91	-3857.75	-401.46	3278.69	695.65
29550	87.09	5.08	15.47	-1650.96	-256.65	-1983.26	-447.70	2232.60	534.53
29551	87.99	5.09	15.47	-1239.28	-156.44	-1128.16	-395.27	1427.66	406.60
29552	88.90	5.09	15.47	-847.11	-81.69	-707.59	-324.48	878.91	328.36
29553	89.81	5.10	15.47	-533.15	-24.60	-486.40	-255.17	507.47	286.82
29554	90.72	5.10	15.47	-294.74	20.31	-346.07	-192.16	248.93	275.83
29555	91.63	5.10	15.47	-115.05	55.05	-211.39	-140.48	60.60	296.00
29556	92.54	5.11	15.47	23.13	75.01	-10.56	-114.94	-90.49	344.02
29557	78.89	6.15	15.47	-1997.39	-1277.50	-6761.85	-142.94	-275.02	-146.42
29558	79.77	6.16	15.47	-932.60	-1080.84	-7492.88	-231.20	-312.64	-375.95
29559	80.65	6.16	15.47	-389.34	-932.13	-7944.57	-65.51	152.34	-551.40
29560	81.54	6.16	15.47	-891.23	-1171.00	-8465.58	0.54	522.22	-589.33
29561	82.42	6.17	15.47	-1333.36	-1339.13	-8852.03	30.82	979.46	-302.84
29562	83.30	6.17	15.47	-586.67	-989.04	-8575.45	328.27	1650.94	188.45
29563	84.18	6.18	15.47	-110.63	-375.33	-7671.56	576.46	2609.52	555.76
29564	85.06	6.18	15.47	-967.24	-378.20	-5960.10	-76.04	3434.63	1026.19
29565	85.94	6.18	15.47	-1789.57	-536.82	-3740.53	-608.18	3200.70	1143.96
29566	86.82	6.19	15.47	-1635.46	-338.90	-2073.20	-590.76	2262.74	781.63
29567	87.71	6.19	15.47	-1250.39	-198.60	-1223.66	-485.44	1484.79	545.04
29568	88.59	6.19	15.47	-869.30	-99.82	-787.73	-378.19	932.34	400.99
29569	89.47	6.20	15.47	-554.42	-28.17	-548.78	-285.04	547.58	318.72
29570	90.35	6.20	15.47	-309.14	25.72	-391.95	-207.48	274.26	281.29
29571	91.23	6.21	15.47	-119.79	65.37	-241.31	-147.71	71.44	282.19
29572	92.11	6.21	15.47	31.03	84.75	-25.13	-117.88	-94.09	312.11
29573	78.87	7.25	15.47	-2226.32	-1280.91	-7322.57	-60.47	-397.27	-661.50
29574	79.72	7.25	15.47	-962.61	-1081.63	-8274.33	-33.58	-483.33	-677.00
29575	80.57	7.25	15.47	-355.45	-957.67	-9050.58	21.00	-17.16	-695.67
29576	81.42	7.26	15.47	-925.08	-1148.73	-10018.30	31.58	446.79	-746.15
29577	82.27	7.26	15.47	-1083.80	-984.12	-10096.60	269.28	1525.04	-438.05
29578	83.12	7.26	15.47	-304.47	-616.49	-9055.42	382.75	2323.01	209.02
29579	83.97	7.26	15.47	-86.62	-584.00	-7950.84	484.07	3065.44	1067.79
29580	84.82	7.26	15.47	-1854.67	-940.52	-5861.32	-343.81	3928.76	1576.60
29581	85.66	7.26	15.47	-1814.01	-625.81	-3414.50	-598.41	3031.47	1273.26
29582	86.51	7.27	15.47	-1574.41	-430.44	-2068.09	-635.65	2190.10	945.51
29583	87.36	7.27	15.47	-1216.94	-255.24	-1293.35	-539.19	1486.66	661.18
29584	88.21	7.27	15.47	-863.15	-129.52	-864.42	-420.09	960.87	470.34
29585	89.06	7.27	15.47	-561.01	-39.38	-614.27	-312.47	579.38	351.86
29586	89.91	7.27	15.47	-317.43	25.93	-441.33	-223.56	299.92	287.64
29587	90.76	7.27	15.47	-122.83	71.00	-273.52	-156.21	87.47	267.19
29588	91.61	7.28	15.47	38.43	92.33	-41.41	-120.29	-88.90	276.91
29589	78.93	3.95	13.78	-618.10	-262.33	-5475.58	-5.67	262.57	-1127.49
29590	79.89	3.95	13.78	-552.37	-248.64	-5496.44	39.85	286.64	-1102.87
29591	80.85	3.95	13.78	-462.72	-245.21	-5574.11	105.36	370.35	-1044.26
29592	81.80	3.96	13.78	-360.33	-273.58	-5686.68	187.36	525.65	-941.95
29593	82.76	3.96	13.78	-223.05	-282.52	-5768.81	267.04	816.85	-763.61
29594	83.72	3.96	13.78	-92.52	-191.15	-5566.61	300.14	1309.74	-496.09
29595	84.68	3.96	13.78	-174.36	-82.48	-4988.05	271.17	1765.75	-199.92
29596	85.64	3.96	13.78	-504.59	-61.54	-4139.62	144.69	2020.77	24.41
29597	86.60	3.96	13.78	-591.57	-4.03	-3185.64	80.05	2003.54	167.21
29598	87.55	3.96	13.78	-841.06	4.73	-2304.75	-11.40	1828.30	265.79
29599	88.51	3.97	13.78	-841.46	30.31	-1581.59	-62.99	1438.75	306.73
29600	89.47	3.97	13.78	-709.52	50.26	-1114.42	-82.93	1053.09	325.55
29601	90.43	3.97	13.78	-529.96	65.10	-815.99	-85.29	731.07	338.91

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]
29602	91.39	3.97	13.78	-345.95	75.68	-606.67	-82.04	473.78	353.36
29603	92.34	3.97	13.78	-176.03	81.19	-427.14	-84.04	261.44	367.47
29604	93.30	3.97	13.78	-25.93	80.05	-241.77	-100.15	61.16	370.45
29605	78.92	5.05	13.78	-625.69	-216.98	-6388.55	-0.49	298.53	-835.68
29606	79.86	5.06	13.78	-565.58	-196.19	-6386.80	61.84	333.34	-797.10
29607	80.79	5.06	13.78	-469.72	-193.52	-6481.57	88.66	434.65	-752.05
29608	81.73	5.06	13.78	-323.11	-197.66	-6616.50	145.72	645.50	-679.11
29609	82.67	5.07	13.78	-121.48	-122.53	-6594.58	277.84	1078.87	-477.28
29610	83.60	5.07	13.78	-95.15	-41.64	-6203.47	331.89	1630.76	-171.71
29611	84.54	5.07	13.78	-279.60	-41.03	-5456.43	245.39	2051.94	102.85
29612	85.48	5.08	13.78	-611.88	-41.07	-4473.71	92.00	2240.58	297.26
29613	86.41	5.08	13.78	-649.26	37.60	-3444.63	10.62	2163.04	402.45
29614	87.35	5.08	13.78	-897.27	32.59	-2519.42	-92.27	1966.55	448.85
29615	88.29	5.09	13.78	-890.21	50.70	-1749.99	-134.90	1551.04	432.39
29616	89.22	5.09	13.78	-750.32	67.55	-1246.23	-138.30	1140.87	404.13
29617	90.16	5.09	13.78	-561.61	81.04	-919.82	-124.16	796.31	382.08
29618	91.10	5.10	13.78	-367.32	90.24	-689.34	-107.00	518.79	369.35
29619	92.03	5.10	13.78	-186.02	93.15	-494.28	-97.86	288.22	360.47
29620	92.97	5.10	13.78	-23.63	87.43	-299.48	-103.94	71.83	340.65
29621	78.91	6.15	13.78	-602.42	-234.35	-7190.37	-12.38	340.29	-561.98
29622	79.82	6.16	13.78	-577.53	-229.88	-7160.97	44.36	381.87	-525.59
29623	80.73	6.16	13.78	-480.65	-230.89	-7300.48	94.78	481.41	-475.05
29624	81.64	6.16	13.78	-222.41	-151.80	-7431.84	209.67	795.46	-355.92
29625	82.55	6.17	13.78	-24.09	-40.64	-7278.50	332.89	1358.02	-105.26
29626	83.46	6.17	13.78	-172.97	-8.25	-6707.21	271.76	1926.04	202.48
29627	84.37	6.17	13.78	-420.40	-48.95	-5783.29	90.75	2278.91	441.55
29628	85.28	6.18	13.78	-574.25	7.30	-4718.86	53.69	2380.74	567.98
29629	86.19	6.18	13.78	-759.55	50.97	-3655.94	-55.43	2323.60	641.16
29630	87.10	6.18	13.78	-934.04	37.14	-2671.99	-179.48	2051.30	646.27
29631	88.01	6.19	13.78	-910.61	53.30	-1898.24	-213.31	1627.50	569.73
29632	88.92	6.19	13.78	-768.22	72.94	-1375.71	-200.08	1210.56	492.08
29633	89.83	6.20	13.78	-578.24	89.39	-1028.06	-168.88	855.58	431.49
29634	90.74	6.20	13.78	-380.41	100.10	-778.17	-136.75	565.24	388.17
29635	91.65	6.20	13.78	-192.89	102.73	-567.98	-114.72	320.95	352.97
29636	92.56	6.21	13.78	-21.85	94.56	-365.25	-109.08	91.38	307.82
29637	78.89	7.25	13.78	-567.85	-214.73	-8045.83	-5.30	367.36	-357.14
29638	79.77	7.25	13.78	-551.86	-170.79	-7994.94	69.02	438.05	-309.86
29639	80.65	7.25	13.78	-416.37	-113.60	-8124.29	145.22	584.46	-210.17
29640	81.52	7.26	13.78	-76.99	12.09	-8132.56	263.26	1036.64	12.75
29641	82.40	7.26	13.78	22.29	55.76	-7785.75	295.29	1654.42	321.43
29642	83.28	7.26	13.78	-263.83	39.18	-7033.03	245.41	2183.85	621.86
29643	84.16	7.26	13.78	-522.06	66.61	-5976.81	54.22	2438.79	782.92
29644	85.04	7.26	13.78	-504.67	120.27	-4884.14	-10.44	2478.37	863.34
29645	85.92	7.26	13.78	-854.57	25.93	-3807.56	-180.94	2444.48	912.75
29646	86.79	7.27	13.78	-954.87	25.58	-2780.27	-268.84	2096.01	827.75
29647	87.67	7.27	13.78	-905.98	42.87	-2024.95	-288.31	1670.11	703.12
29648	88.55	7.27	13.78	-763.05	67.77	-1501.17	-261.09	1260.70	582.13
29649	89.43	7.27	13.78	-577.91	89.78	-1140.28	-215.37	907.11	484.45
29650	90.31	7.27	13.78	-383.14	104.36	-874.08	-169.39	612.15	409.15
29651	91.18	7.27	13.78	-195.15	108.49	-650.19	-134.28	359.86	345.24
29652	92.06	7.28	13.78	-20.35	101.60	-440.68	-115.31	121.73	272.95
29653	78.94	3.95	12.09	-215.95	-85.23	-5034.85	0.82	286.92	-840.83
29654	79.93	3.95	12.09	-194.93	-77.27	-5000.58	67.51	395.37	-803.86
29655	80.91	3.95	12.09	-140.79	-64.35	-4983.46	132.05	535.29	-732.13
29656	81.90	3.95	12.09	-69.10	-37.30	-4939.69	192.19	739.53	-618.78
29657	82.88	3.96	12.09	-22.38	3.40	-4786.45	236.10	1012.66	-463.66
29658	83.87	3.96	12.09	-57.98	32.70	-4478.80	249.10	1288.42	-286.51
29659	84.86	3.96	12.09	-156.65	50.10	-4027.23	225.58	1505.85	-115.17
29660	85.84	3.96	12.09	-266.89	75.70	-3462.44	188.60	1632.25	40.02
29661	86.83	3.96	12.09	-429.60	82.54	-2855.12	127.05	1630.50	163.21
29662	87.81	3.96	12.09	-501.36	90.06	-2279.29	77.31	1502.62	247.04
29663	88.80	3.96	12.09	-538.44	87.64	-1792.29	33.55	1309.17	303.05
29664	89.78	3.97	12.09	-504.08	84.76	-1403.61	1.48	1071.60	336.10
29665	90.77	3.97	12.09	-418.18	80.77	-1113.92	-21.53	832.66	353.92
29666	91.75	3.97	12.09	-305.78	75.52	-897.49	-40.61	609.22	359.55
29667	92.74	3.97	12.09	-184.08	68.86	-730.83	-59.94	398.37	351.07
29668	93.73	3.97	12.09	-59.13	61.33	-605.76	-80.69	187.12	323.74
29669	78.93	5.05	12.09	-167.87	37.40	-5792.24	-6.74	304.90	-607.54
29670	79.90	5.05	12.09	-147.95	43.94	-5750.89	59.25	454.03	-574.08
29671	80.86	5.06	12.09	-89.14	59.98	-5706.33	131.94	639.59	-499.43
29672	81.83	5.06	12.09	-23.89	88.22	-5598.24	198.49	895.91	-371.68
29673	82.79	5.06	12.09	-14.06	107.61	-5358.39	226.04	1192.90	-209.19
29674	83.76	5.07	12.09	-68.47	119.70	-4962.40	216.39	1470.78	-42.19
29675	84.72	5.07	12.09	-176.51	136.83	-4426.52	184.86	1681.97	115.02
29676	85.68	5.07	12.09	-298.49	144.11	-3786.72	136.71	1793.02	247.43
29677	86.65	5.08	12.09	-470.29	128.80	-3118.09	69.45	1767.60	339.00
29678	87.61	5.08	12.09	-534.42	125.99	-2497.23	19.12	1615.23	388.22
29679	88.58	5.08	12.09	-567.16	114.16	-1977.52	-20.97	1404.56	409.82
29680	89.54	5.09	12.09	-529.29	104.45	-1561.32	-44.97	1151.53	410.31
29681	90.51	5.09	12.09	-439.66	95.37	-1249.38	-57.72	897.56	399.28
29682	91.47	5.09	12.09	-322.45	85.91	-1016.64	-66.05	659.48	379.63
29683	92.44	5.10	12.09	-194.53	75.51	-840.43	-74.73	435.00	348.39
29684	93.40	5.10	12.09	-62.23	64.82	-712.94	-84.43	212.59	299.64
29685	78.92	6.15	12.09	-103.83	155.72	-6489.80	-12.51	319.38	-309.38
29686	79.86	6.16	12.09	-82.99	166.87	-6439.30	59.12	513.83	-270.05
29687	80.80	6.16	12.09	-18.88	191.56	-6349.59	129.12	754.23	-181.73
29688	81.74	6.16	12.09	18.29	208.96	-6161.57	176.38	1051.17	-47.48
29689	82.67	6.17	12.09	-3.68	212.50	-5834.79	183.51	1354.54	103.22
29690	83.61	6.17	12.09	-62.73	212.98	-5357.80	173.54	1630.85	252.53
29691	84.55	6.17	12.09	-183.11	213.58	-4746.20	141.67	1834.92	392.23
29692	85.49	6.18	12.09	-345.87	186.88	-4045.47	56.46	1919.88	492.02
29693	86.43	6.18	12.09	-478.21	162.50	-3337.80	-5.45	1861.28	535.33
29694	87.37	6.18	12.09	-553.58	147.38	-2696.45	-49.70	1703.26	542.45
29695	88.31	6.19	12.09	-579.20	129.19	-2152.58	-83.69	1478.74	526.93
29696	89.25	6.19	12.09	-538.98	115.32	-1718.97	-98.04	1218.04	492.04
29697	90.18	6.19	12.09	-449.24	103.70	-1390.69	-99.44	956.52	449.44
29698	91.12	6.20	12.09	-331.64	92.38	-1144.79	-95.90	709.79	401.90
29699	92.06	6.20	12.09	-201.84	80.63	-960.83	-92.52	476.36	345.71
29700	93.00	6.20	12.09	-66.04	69.20	-832.16	-89.90	246.52	274.50

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]
29701	78.90	7.25	12.09	-11.92	311.99	-7107.76	-23.17	334.81	86.66
29702	79.81	7.25	12.09	6.08	313.00	-7032.64	47.95	583.17	129.35
29703	80.72	7.25	12.09	58.37	323.14	-6874.88	110.53	875.58	223.81
29704	81.63	7.26	12.09	54.98	316.40	-6601.61	137.06	1190.25	348.14
29705	82.53	7.26	12.09	13.50	307.03	-6194.19	133.98	1489.40	479.80
29706	83.44	7.26	12.09	-51.46	285.67	-5650.78	92.04	1754.67	595.70
29707	84.35	7.26	12.09	-184.33	244.15	-4978.74	47.08	1948.26	693.03
29708	85.26	7.26	12.09	-378.06	199.16	-4236.19	-34.16	1999.55	742.21
29709	86.17	7.26	12.09	-464.39	185.52	-3514.34	-82.92	1914.18	736.99
29710	87.07	7.26	12.09	-550.83	153.53	-2872.08	-128.24	1759.43	706.43
29711	87.98	7.27	12.09	-571.88	131.65	-2317.42	-151.76	1529.84	648.37
29712	88.89	7.27	12.09	-531.42	116.33	-1876.15	-154.99	1269.39	577.46
29713	89.80	7.27	12.09	-445.23	104.72	-1538.49	-144.78	1007.99	502.58
29714	90.70	7.27	12.09	-331.76	94.08	-1283.71	-129.20	759.13	425.91
29715	91.61	7.27	12.09	-204.82	83.38	-1094.49	-113.30	522.30	343.66
29716	92.52	7.27	12.09	-70.19	74.48	-965.60	-97.56	289.97	249.71
29717	78.96	3.95	10.41	19.90	34.44	-4520.25	-11.95	279.90	-530.38
29718	79.97	3.95	10.41	21.82	40.59	-4462.25	47.93	439.42	-500.35
29719	80.98	3.95	10.41	32.76	51.89	-4378.83	102.27	613.16	-439.28
29720	81.99	3.95	10.41	36.84	65.65	-4245.79	145.46	804.02	-350.67
29721	83.01	3.96	10.41	16.51	77.43	-4043.78	171.97	997.57	-242.79
29722	84.02	3.96	10.41	-31.23	87.87	-3764.09	179.94	1173.69	-125.74
29723	85.03	3.96	10.41	-106.13	95.62	-3409.87	171.52	1309.06	-8.92
29724	86.05	3.96	10.41	-202.73	94.67	-3006.94	147.05	1376.79	95.88
29725	87.06	3.96	10.41	-284.11	90.68	-2589.52	116.85	1371.67	182.66
29726	88.07	3.96	10.41	-352.25	81.37	-2192.53	81.96	1299.73	249.38
29727	89.08	3.96	10.41	-378.42	71.15	-1841.12	49.70	1172.96	295.39
29728	90.10	3.96	10.41	-369.69	59.57	-1550.42	20.77	1014.82	323.48
29729	91.11	3.97	10.41	-328.18	48.26	-1320.76	-4.55	839.39	335.21
29730	92.12	3.97	10.41	-262.15	37.81	-1148.79	-26.89	657.22	331.39
29731	93.13	3.97	10.41	-179.30	28.85	-1030.39	-46.57	472.19	311.61
29732	94.15	3.97	10.41	-83.08	22.36	-966.18	-62.74	284.89	275.29
29733	78.95	5.05	10.41	77.05	151.05	-5091.33	-18.27	295.00	-305.39
29734	79.94	5.05	10.41	76.66	155.70	-5019.94	40.89	489.37	-274.56
29735	80.93	5.06	10.41	79.02	162.03	-4905.53	91.19	694.94	-212.14
29736	81.92	5.06	10.41	69.31	166.37	-4729.19	126.52	907.87	-126.05
29737	82.92	5.06	10.41	37.46	168.63	-4476.67	145.71	1115.69	-25.20
29738	83.91	5.07	10.41	-24.43	166.64	-4142.60	147.15	1297.98	81.59
29739	84.90	5.07	10.41	-111.89	157.30	-3735.91	130.16	1429.47	181.99
29740	85.89	5.07	10.41	-215.59	143.02	-3288.35	100.11	1487.03	264.75
29741	86.89	5.08	10.41	-299.10	127.99	-2834.48	67.32	1470.93	326.24
29742	87.88	5.08	10.41	-369.33	108.11	-2407.49	33.69	1387.92	366.25
29743	88.87	5.08	10.41	-395.14	90.15	-2031.69	5.58	1249.93	385.82
29744	89.86	5.09	10.41	-385.69	72.39	-1721.87	-17.19	1081.49	388.84
29745	90.86	5.09	10.41	-343.09	56.26	-1477.70	-34.85	896.25	377.38
29746	91.85	5.09	10.41	-275.21	42.13	-1296.13	-48.59	704.83	352.53
29747	92.84	5.09	10.41	-189.48	30.61	-1173.39	-59.04	511.78	314.03
29748	93.83	5.10	10.41	-89.71	22.89	-1109.71	-65.42	318.80	261.27
29749	78.93	6.15	10.41	143.05	261.20	-5592.99	-27.03	307.65	-4.18
29750	79.90	6.15	10.41	138.90	262.19	-5505.32	25.30	536.25	23.98
29751	80.87	6.16	10.41	128.47	259.60	-5358.20	67.52	769.05	80.50
29752	81.84	6.16	10.41	105.67	253.64	-5139.66	94.47	998.86	156.55
29753	82.80	6.16	10.41	61.03	243.17	-4839.69	104.94	1216.56	243.89
29754	83.77	6.17	10.41	-15.55	226.02	-4458.23	94.88	1398.07	330.12
29755	84.74	6.17	10.41	-112.61	201.87	-4012.35	68.96	1520.37	401.46
29756	85.70	6.17	10.41	-213.88	177.98	-3533.38	41.33	1569.53	454.15
29757	86.67	6.18	10.41	-306.24	151.36	-3054.93	6.71	1545.58	486.16
29758	87.64	6.18	10.41	-371.90	124.25	-2608.46	-23.64	1452.98	494.74
29759	88.61	6.18	10.41	-399.19	100.22	-2218.62	-45.56	1310.32	484.14
29760	89.57	6.19	10.41	-390.55	78.44	-1896.12	-60.75	1136.91	459.55
29761	90.54	6.19	10.41	-349.25	59.62	-1642.12	-69.66	947.11	422.90
29762	91.51	6.19	10.41	-282.50	43.92	-1453.89	-73.83	751.26	375.52
29763	92.48	6.20	10.41	-197.17	31.94	-1328.29	-74.13	554.50	317.43
29764	93.44	6.20	10.41	-97.12	24.93	-1265.42	-69.95	359.37	248.36
29765	78.92	7.25	10.41	215.60	349.22	-5981.01	-37.57	315.87	367.93
29766	79.86	7.25	10.41	205.49	346.72	-5877.92	2.17	573.37	389.31
29767	80.79	7.25	10.41	181.49	335.42	-5702.54	30.68	826.26	432.17
29768	81.73	7.26	10.41	146.95	318.79	-5447.72	45.98	1067.90	489.25
29769	82.67	7.26	10.41	88.49	293.67	-5109.87	43.90	1288.50	550.03
29770	83.61	7.26	10.41	0.73	263.44	-4694.38	29.40	1464.29	605.25
29771	84.54	7.26	10.41	-101.80	230.68	-4226.86	-0.59	1574.56	642.53
29772	85.48	7.26	10.41	-198.93	195.72	-3734.29	-30.18	1618.06	659.34
29773	86.42	7.26	10.41	-298.61	157.08	-3246.40	-63.31	1589.19	654.74
29774	87.35	7.26	10.41	-358.95	127.22	-2793.84	-86.29	1492.24	628.03
29775	88.29	7.27	10.41	-388.37	99.65	-2400.67	-101.42	1351.19	586.59
29776	89.23	7.27	10.41	-382.67	76.46	-2073.37	-108.12	1179.13	533.22
29777	90.17	7.27	10.41	-345.32	57.47	-1815.06	-107.77	990.51	470.72
29778	91.10	7.27	10.41	-282.84	42.63	-1623.76	-102.01	795.54	400.43
29779	92.04	7.27	10.41	-201.44	32.45	-1497.01	-91.88	599.94	322.78
29780	92.98	7.27	10.41	-104.91	28.35	-1434.80	-77.07	407.02	238.11
29781	78.97	3.95	8.72	122.16	65.70	-3959.06	-20.86	258.23	-287.49
29782	80.01	3.95	8.72	109.84	67.58	-3894.78	23.15	430.41	-265.32
29783	81.05	3.95	8.72	93.94	70.09	-3794.40	61.66	600.34	-221.92
29784	82.09	3.95	8.72	68.76	72.07	-3652.18	91.42	765.42	-161.14
29785	83.13	3.96	8.72	30.19	72.72	-3463.49	110.38	918.52	-88.16
29786	84.17	3.96	8.72	-24.21	70.55	-3228.58	117.61	1048.15	-9.19
29787	85.21	3.96	8.72	-91.11	64.59	-2956.60	113.35	1141.05	68.85
29788	86.25	3.96	8.72	-160.41	55.98	-2662.73	100.41	1189.42	140.49
29789	87.29	3.96	8.72	-225.42	44.32	-2366.40	80.88	1189.17	201.36
29790	88.33	3.96	8.72	-272.44	31.37	-2086.42	58.68	1143.11	248.91
29791	89.37	3.96	8.72	-298.64	17.64	-1838.17	35.58	1059.25	282.24
29792	90.41	3.96	8.72	-299.42	4.62	-1631.00	13.60	946.22	301.01
29793	91.45	3.96	8.72	-276.94	-6.99	-1469.79	-6.37	813.40	305.53
29794	92.49	3.97	8.72	-234.22	-16.31	-1355.72	-23.64	667.61	296.07
29795	93.53	3.97	8.72	-174.69	-22.49	-1289.25	-37.45	514.32	273.18
29796	94.57	3.97	8.72	-101.01	-24.75	-1271.34	-46.78	358.77	238.25
29797	78.96	5.05	8.72	167.24	143.89	-4376.11	-27.81	268.40	-76.13
29798	79.98	5.05	8.72	151.77	143.35	-4303.69	11.22	463.73	-56.24
29799	81.00	5.06	8.72	129.66	140.98	-4185.50	44.42	653.36	-17.14

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]
29800	82.02	5.06	8.72	96.48	136.32	-4017.94	68.70	833.77	37.11
29801	83.04	5.06	8.72	48.32	128.39	-3799.23	81.80	996.50	100.71
29802	84.06	5.07	8.72	-14.70	116.80	-3533.29	83.29	1129.87	166.52
29803	85.08	5.07	8.72	-88.58	101.98	-3232.00	75.05	1222.37	228.15
29804	86.10	5.07	8.72	-163.14	84.51	-2911.53	59.88	1267.50	281.04
29805	87.12	5.07	8.72	-231.95	64.94	-2592.29	40.25	1261.87	321.55
29806	88.14	5.08	8.72	-281.00	45.51	-2293.39	19.88	1209.70	348.00
29807	89.16	5.08	8.72	-308.69	26.36	-2029.82	0.53	1119.62	360.41
29808	90.18	5.08	8.72	-310.28	9.17	-1810.67	-16.20	1000.37	359.21
29809	91.20	5.09	8.72	-288.09	-5.51	-1640.86	-29.85	861.72	345.25
29810	92.22	5.09	8.72	-245.11	-16.86	-1521.56	-40.05	710.89	319.23
29811	93.24	5.09	8.72	-184.78	-24.08	-1453.16	-46.32	553.87	282.10
29812	94.26	5.10	8.72	-110.00	-26.18	-1436.01	-47.91	396.46	235.41
29813	78.95	6.15	8.72	213.71	206.53	-4731.10	-36.26	275.38	185.24
29814	79.94	6.15	8.72	194.66	203.44	-4651.46	-5.43	490.17	200.63
29815	80.94	6.16	8.72	166.60	196.36	-4517.53	19.62	695.79	231.67
29816	81.94	6.16	8.72	125.35	184.81	-4328.20	36.08	887.67	274.08
29817	82.93	6.16	8.72	68.64	168.78	-4085.26	42.14	1056.00	321.60
29818	83.93	6.17	8.72	-1.29	148.83	-3796.09	38.70	1190.54	367.99
29819	84.92	6.17	8.72	-80.04	126.05	-3473.87	27.58	1281.60	408.18
29820	85.92	6.17	8.72	-159.38	100.71	-3136.29	10.33	1323.11	437.23
29821	86.92	6.18	8.72	-228.87	75.29	-2803.42	-7.60	1313.77	452.81
29822	87.91	6.18	8.72	-280.64	50.94	-2493.71	-24.82	1258.82	455.07
29823	88.91	6.18	8.72	-309.54	28.49	-2221.17	-39.34	1165.87	444.27
29824	89.90	6.19	8.72	-313.09	9.07	-1995.09	-49.90	1044.51	421.38
29825	90.90	6.19	8.72	-292.90	-6.81	-1820.03	-56.50	904.09	387.78
29826	91.89	6.19	8.72	-251.83	-18.47	-1697.43	-59.05	752.15	344.59
29827	92.89	6.19	8.72	-193.18	-25.15	-1627.64	-57.36	595.04	293.17
29828	93.89	6.20	8.72	-119.84	-25.87	-1610.73	-50.86	438.65	235.36
29829	78.93	7.25	8.72	258.83	241.81	-4999.29	-45.84	277.86	484.60
29830	79.90	7.25	8.72	236.63	236.33	-4915.02	-26.42	506.36	493.01
29831	80.87	7.25	8.72	203.36	225.12	-4770.09	-11.70	722.67	512.00
29832	81.83	7.25	8.72	154.88	207.74	-4566.47	-4.55	920.84	537.26
29833	82.80	7.26	8.72	91.76	185.58	-4308.94	-5.36	1091.03	563.76
29834	83.77	7.26	8.72	16.84	159.17	-4007.75	-14.42	1224.34	585.68
29835	84.73	7.26	8.72	-64.70	130.20	-3676.17	-27.86	1313.48	599.13
29836	85.70	7.26	8.72	-146.57	100.74	-3332.95	-44.66	1352.07	600.77
29837	86.67	7.26	8.72	-215.49	72.89	-2997.30	-59.97	1341.76	589.46
29838	87.63	7.26	8.72	-269.62	45.99	-2685.99	-73.34	1287.63	565.88
29839	88.60	7.26	8.72	-300.18	22.85	-2411.92	-82.10	1196.07	530.68
29840	89.57	7.27	8.72	-306.86	3.56	-2184.55	-86.09	1077.12	485.80
29841	90.53	7.27	8.72	-290.46	-11.35	-2008.10	-85.42	939.35	432.56
29842	91.50	7.27	8.72	-253.51	-21.37	-1884.36	-80.24	790.50	372.45
29843	92.47	7.27	8.72	-199.16	-25.87	-1813.71	-70.62	637.24	307.29
29844	93.43	7.27	8.72	-130.15	-24.02	-1796.09	-56.38	485.47	239.46
29845	78.98	3.95	7.03	141.30	34.46	-3414.29	-27.20	230.21	-129.93
29846	80.05	3.95	7.03	123.80	33.34	-3358.09	2.28	393.32	-114.76
29847	81.12	3.95	7.03	98.11	30.98	-3267.48	27.97	548.69	-85.20
29848	82.19	3.95	7.03	63.19	27.02	-3142.76	47.83	692.91	-43.80
29849	83.25	3.96	7.03	18.34	20.98	-2985.57	60.44	820.54	5.85
29850	84.32	3.96	7.03	-35.10	12.64	-2800.60	65.34	925.01	59.57
29851	85.39	3.96	7.03	-93.51	2.18	-2595.79	63.12	1000.43	113.27
29852	86.45	3.96	7.03	-151.96	-10.23	-2382.24	54.89	1042.31	163.16
29853	87.52	3.96	7.03	-203.43	-23.70	-2172.42	42.56	1049.37	206.22
29854	88.59	3.96	7.03	-242.97	-37.52	-1978.53	27.81	1023.10	240.26
29855	89.65	3.96	7.03	-265.54	-50.57	-1810.66	12.56	967.15	263.83
29856	90.72	3.96	7.03	-269.48	-62.00	-1676.04	-1.85	886.49	276.11
29857	91.79	3.96	7.03	-254.39	-70.89	-1578.73	-14.29	786.03	276.74
29858	92.86	3.97	7.03	-221.83	-76.49	-1520.27	-23.98	670.70	265.86
29859	93.92	3.97	7.03	-174.36	-78.14	-1500.08	-30.36	545.51	244.24
29860	94.99	3.97	7.03	-115.37	-75.55	-1516.25	-32.96	416.39	213.67
29861	78.97	5.05	7.03	170.46	74.54	-3728.49	-33.79	237.24	56.62
29862	80.02	5.05	7.03	151.41	72.02	-3668.74	-9.68	415.13	68.98
29863	81.07	5.06	7.03	122.10	66.73	-3568.81	10.78	583.55	93.54
29864	82.12	5.06	7.03	82.09	58.51	-3430.45	25.64	738.01	127.55
29865	83.17	5.06	7.03	31.70	47.39	-3257.09	33.84	872.67	167.38
29866	84.21	5.06	7.03	-27.18	33.57	-3055.07	35.31	981.11	209.06
29867	85.26	5.07	7.03	-90.32	17.52	-2833.69	30.80	1057.80	248.77
29868	86.31	5.07	7.03	-152.58	-0.04	-2605.14	21.75	1098.89	283.12
29869	87.36	5.07	7.03	-206.87	-18.02	-2382.34	10.15	1103.87	309.72
29870	88.41	5.08	7.03	-248.56	-35.54	-2177.60	-2.32	1074.68	327.01
29871	89.46	5.08	7.03	-272.64	-51.37	-2001.01	-14.00	1015.37	334.08
29872	90.50	5.08	7.03	-277.72	-64.71	-1859.74	-23.78	931.32	330.61
29873	91.55	5.08	7.03	-263.46	-74.69	-1757.68	-30.84	827.78	316.68
29874	92.60	5.09	7.03	-231.52	-80.62	-1696.23	-34.73	710.11	292.86
29875	93.65	5.09	7.03	-184.52	-81.98	-1674.56	-35.17	583.70	260.35
29876	94.70	5.09	7.03	-125.99	-78.39	-1690.43	-32.15	454.99	221.12
29877	78.96	6.15	7.03	197.88	98.82	-3996.24	-41.03	241.45	273.73
29878	79.99	6.15	7.03	177.55	95.04	-3934.16	-24.26	430.58	281.99
29879	81.01	6.16	7.03	145.05	87.12	-3827.49	-10.63	608.63	299.18
29880	82.04	6.16	7.03	100.83	75.30	-3679.46	-1.81	770.20	322.72
29881	83.06	6.16	7.03	46.04	59.97	-3495.11	1.49	909.41	349.33
29882	84.08	6.17	7.03	-16.86	41.77	-3282.15	-0.62	1020.07	375.42
29883	85.11	6.17	7.03	-83.35	21.56	-3051.04	-7.11	1097.20	397.63
29884	86.13	6.17	7.03	-147.78	0.61	-2814.28	-16.15	1137.88	413.49
29885	87.16	6.17	7.03	-204.28	-20.14	-2584.86	-26.37	1142.02	421.23
29886	88.18	6.18	7.03	-247.38	-39.49	-2374.85	-35.84	1111.87	419.77
29887	89.21	6.18	7.03	-273.27	-56.38	-2194.07	-43.31	1051.86	408.87
29888	90.23	6.18	7.03	-280.17	-69.96	-2049.34	-47.98	967.27	388.65
29889	91.26	6.19	7.03	-267.98	-79.52	-1944.50	-49.31	863.70	359.56
29890	92.28	6.19	7.03	-238.30	-84.52	-1880.76	-47.20	746.75	322.62
29891	93.31	6.19	7.03	-193.67	-84.57	-1857.21	-41.71	622.07	279.46
29892	94.33	6.19	7.03	-137.60	-79.41	-1871.74	-33.01	496.05	232.37
29893	78.95	7.25	7.03	221.87	100.50	-4205.50	-48.45	242.34	510.78
29894	79.94	7.25	7.03	200.76	96.02	-4143.14	-40.50	437.93	513.75
29895	80.94	7.25	7.03	165.96	86.46	-4033.76	-34.91	621.26	521.58
29896	81.94	7.25	7.03	118.96	72.49	-3881.70	-32.83	786.35	532.22
29897	82.93	7.26	7.03	61.34	54.70	-3693.36	-34.80	927.37	542.83
29898	83.93	7.26	7.03	-3.72	34.26	-3477.31	-40.13	1038.65	550.69

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]
29899	84.93	7.26	7.03	-71.84	12.29	-3244.71	-48.07	1115.73	553.26
29900	85.92	7.26	7.03	-137.10	-9.95	-3007.73	-56.73	1156.75	548.80
29901	86.92	7.26	7.03	-194.81	-31.23	-2778.95	-64.93	1161.64	536.24
29902	87.91	7.26	7.03	-238.92	-50.10	-2569.87	-70.93	1132.95	515.18
29903	88.91	7.26	7.03	-266.80	-66.02	-2389.78	-73.98	1075.18	485.95
29904	89.91	7.26	7.03	-276.28	-77.98	-2245.08	-73.41	993.27	448.96
29905	90.90	7.27	7.03	-267.37	-85.51	-2139.56	-69.11	892.90	405.01
29906	91.90	7.27	7.03	-241.54	-88.28	-2074.30	-61.18	779.84	355.40
29907	92.90	7.27	7.03	-201.27	-86.00	-2048.39	-50.03	659.96	302.18
29908	93.89	7.27	7.03	-149.87	-78.89	-2060.09	-36.24	539.69	248.46
29909	79.00	3.95	5.34	121.72	-23.81	-2924.70	-30.27	202.28	-45.20
29910	80.09	3.95	5.34	103.37	-26.26	-2880.19	-12.25	348.60	-34.51
29911	81.19	3.95	5.34	75.29	-30.80	-2806.60	3.28	486.62	-13.90
29912	82.28	3.95	5.34	38.15	-37.51	-2706.45	14.96	612.73	14.96
29913	83.37	3.95	5.34	-6.87	-46.34	-2583.47	21.94	722.96	49.75
29914	84.47	3.96	5.34	-57.65	-57.15	-2443.05	23.98	813.35	87.84
29915	85.56	3.96	5.34	-111.02	-69.63	-2292.40	21.41	880.50	126.49
29916	86.66	3.96	5.34	-162.75	-83.19	-2140.18	15.11	922.32	163.16
29917	87.75	3.96	5.34	-208.42	-97.15	-1995.71	6.29	938.18	195.64
29918	88.85	3.96	5.34	-243.53	-110.59	-1868.01	-3.57	928.97	222.15
29919	89.94	3.96	5.34	-264.58	-122.58	-1764.92	-13.06	896.56	241.29
29920	91.04	3.96	5.34	-268.95	-132.11	-1692.23	-20.82	843.16	251.92
29921	92.13	3.96	5.34	-255.75	-138.24	-1653.05	-25.82	770.90	253.22
29922	93.22	3.96	5.34	-225.76	-140.21	-1647.12	-27.51	681.82	244.70
29923	94.32	3.97	5.34	-182.11	-137.59	-1670.69	-26.03	578.74	226.49
29924	95.41	3.97	5.34	-129.45	-130.68	-1716.35	-22.30	465.82	200.20
29925	78.99	5.05	5.34	137.36	-12.60	-3172.03	-36.10	208.01	114.95
29926	80.06	5.05	5.34	118.30	-15.80	-3126.36	-22.95	363.97	123.10
29927	81.14	5.06	5.34	88.22	-22.03	-3048.48	-11.99	510.74	139.14
29928	82.22	5.06	5.34	48.19	-31.13	-2941.63	-4.38	644.14	161.47
29929	83.29	5.06	5.34	-0.16	-42.84	-2810.47	-0.76	759.88	187.93
29930	84.37	5.06	5.34	-54.27	-56.73	-2661.32	-1.16	853.98	216.08
29931	85.44	5.07	5.34	-110.65	-72.18	-2502.23	-5.05	923.24	243.48
29932	86.52	5.07	5.34	-164.87	-88.40	-2342.39	-11.43	965.86	267.97
29933	87.60	5.07	5.34	-212.52	-104.48	-2191.48	-19.07	981.52	287.75
29934	88.67	5.07	5.34	-249.08	-119.38	-2058.67	-26.57	971.39	301.41
29935	89.75	5.08	5.34	-271.20	-132.09	-1951.73	-32.62	937.59	307.88
29936	90.82	5.08	5.34	-276.42	-141.58	-1876.25	-36.10	882.56	306.33
29937	91.90	5.08	5.34	-264.01	-146.99	-1835.00	-36.28	808.79	296.19
29938	92.98	5.08	5.34	-234.94	-147.70	-1827.37	-32.98	718.67	277.27
29939	94.05	5.09	5.34	-192.38	-143.55	-1849.26	-26.73	615.35	250.04
29940	95.13	5.09	5.34	-140.89	-134.84	-1892.61	-19.00	503.40	216.21
29941	78.98	6.15	5.34	150.03	-15.26	-3387.56	-42.17	211.54	294.60
29942	80.03	6.15	5.34	130.54	-18.94	-3341.81	-34.92	374.18	299.49
29943	81.08	6.16	5.34	99.08	-26.31	-3261.87	-29.38	526.95	309.69
29944	82.14	6.16	5.34	57.05	-37.03	-3151.57	-26.42	665.27	323.82
29945	83.19	6.16	5.34	6.47	-50.59	-3016.33	-26.44	784.66	340.01
29946	84.24	6.16	5.34	-49.73	-66.31	-2863.18	-29.26	881.26	356.21
29947	85.30	6.17	5.34	-107.85	-83.32	-2700.62	-34.22	952.13	370.46
29948	86.35	6.17	5.34	-163.54	-100.67	-2538.12	-40.35	995.73	381.04
29949	87.40	6.17	5.34	-212.26	-117.26	-2385.34	-46.36	1012.01	386.60
29950	88.45	6.18	5.34	-249.89	-132.01	-2251.27	-51.06	1002.31	386.18
29951	89.51	6.18	5.34	-273.06	-143.90	-2143.41	-53.32	968.82	379.03
29952	90.56	6.18	5.34	-279.58	-151.95	-2067.00	-52.28	914.13	364.61
29953	91.61	6.18	5.34	-268.87	-155.45	-2024.42	-47.56	840.94	342.60
29954	92.67	6.19	5.34	-241.99	-153.96	-2014.72	-39.34	751.98	313.11
29955	93.72	6.19	5.34	-202.07	-147.63	-2033.60	-28.62	650.72	277.05
29956	94.77	6.19	5.34	-153.35	-136.98	-2072.89	-17.06	541.53	236.34
29957	78.96	7.25	5.34	158.65	-34.97	-3566.47	-48.13	212.70	485.78
29958	79.99	7.25	5.34	139.14	-38.67	-3522.04	-47.41	378.43	486.81
29959	81.01	7.25	5.34	107.14	-46.31	-3442.87	-47.74	533.97	490.22
29960	82.04	7.25	5.34	64.24	-57.46	-3333.19	-49.71	674.50	494.95
29961	83.07	7.26	5.34	12.82	-71.37	-3198.82	-53.39	795.55	499.60
29962	84.09	7.26	5.34	-44.04	-87.21	-3047.17	-58.53	893.42	502.61
29963	85.12	7.26	5.34	-102.52	-103.95	-2886.80	-64.32	965.47	502.58
29964	86.14	7.26	5.34	-158.47	-120.46	-2727.08	-69.84	1010.37	498.34
29965	87.17	7.26	5.34	-207.42	-135.61	-2577.30	-73.94	1028.27	489.04
29966	88.19	7.26	5.34	-245.67	-148.40	-2446.01	-75.68	1020.49	474.08
29967	89.22	7.26	5.34	-269.88	-157.81	-2340.19	-74.10	989.20	453.08
29968	90.25	7.26	5.34	-278.18	-163.01	-2264.66	-68.67	936.99	425.81
29969	91.27	7.26	5.34	-270.02	-163.46	-2221.41	-59.34	866.57	392.11
29970	92.30	7.27	5.34	-246.49	-159.00	-2209.23	-46.59	781.02	352.32
29971	93.32	7.27	5.34	-210.71	-149.90	-2223.67	-31.77	684.12	307.75
29972	94.35	7.27	5.34	-166.49	-137.38	-2256.61	-17.12	580.35	261.26
29973	64.44	3.97	17.16	98.98	-114.38	36.98	104.33	129.71	181.59
29974	65.34	3.97	17.16	188.89	-167.72	-49.11	195.31	87.17	103.52
29975	66.25	3.97	17.16	220.68	-225.65	-86.32	278.16	17.55	83.85
29976	67.15	3.97	17.16	167.87	-304.43	-120.27	365.09	-83.43	85.62
29977	68.06	3.97	17.16	-19.52	-418.25	-185.44	468.20	-242.75	99.30
29978	68.96	3.97	17.16	-440.04	-587.07	-342.01	602.63	-534.31	126.67
29979	69.86	3.97	17.16	-1296.40	-854.90	-756.17	791.92	-1154.63	182.09
29980	70.77	3.96	17.16	-3005.02	-1303.85	-1923.22	1091.36	-2661.65	300.97
29981	71.67	3.96	17.16	-6643.87	-2763.20	-9068.28	1520.92	-7238.57	829.08
29982	72.58	3.96	17.16	-1864.63	-2289.50	-14381.90	52.71	-1341.94	-21.03
29983	73.48	3.96	17.16	-1764.42	-1642.01	-11672.20	19.49	-214.33	-459.20
29984	74.38	3.96	17.16	-1863.01	-1292.56	-10702.40	-4.29	11.59	-692.23
29985	75.29	3.96	17.16	-1756.47	-1222.68	-10053.40	-39.55	74.47	-885.54
29986	76.19	3.95	17.16	-1611.37	-1214.95	-9612.19	47.72	211.54	-1011.89
29987	77.09	3.95	17.16	-1625.69	-1093.41	-9486.53	145.26	349.24	-1020.59
29988	78.00	3.95	17.16	-1698.62	-957.01	-9495.11	80.27	371.97	-967.24
29989	64.79	5.11	17.16	111.95	-105.43	38.10	89.16	148.20	167.94
29990	65.67	5.11	17.16	207.61	-167.10	-55.29	161.17	96.55	91.82
29991	66.55	5.10	17.16	240.89	-234.22	-97.93	228.33	19.06	76.93
29992	67.44	5.10	17.16	185.11	-324.67	-137.22	303.76	-91.65	88.33
29993	68.32	5.09	17.16	-11.20	-455.40	-210.19	402.85	-265.67	120.03
29994	69.20	5.09	17.16	-450.05	-651.58	-381.14	549.31	-581.82	184.95
29995	70.08	5.09	17.16	-1342.60	-960.92	-825.42	789.17	-1248.11	332.01
29996	70.96	5.08	17.16	-3159.31	-1533.33	-2059.60	1207.07	-2874.99	720.44
29997	71.84	5.08	17.16	-7257.25	-3199.50	-10317.20	2053.05	-8436.98	1647.29



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]
29998	72.72	5.07	17.16	-2107.54	-2548.00	-16802.20	46.28	-1643.15	417.33
29999	73.60	5.07	17.16	-1634.64	-1994.63	-11252.40	166.72	1393.41	1084.82
30000	74.48	5.07	17.16	-1408.16	-1435.61	-7235.23	166.44	-276.04	2261.66
30001	75.37	5.06	17.16	-1822.87	-1542.59	-8750.45	-9.34	-1495.89	834.68
30002	76.25	5.06	17.16	-1414.61	-1620.53	-10363.80	40.97	148.39	-546.83
30003	77.13	5.06	17.16	-1775.64	-1490.01	-8388.10	123.58	1952.12	591.85
30004	78.01	5.05	17.16	-1315.47	-1206.16	-6115.42	-23.59	615.41	2160.76
30005	65.23	6.21	17.16	120.74	-98.56	39.61	72.81	166.08	151.95
30006	66.08	6.21	17.16	216.39	-164.55	-61.10	124.05	104.98	79.02
30007	66.94	6.20	17.16	247.73	-237.19	-110.29	174.98	20.71	69.77
30008	67.79	6.20	17.16	189.50	-334.72	-155.21	238.71	-97.34	92.65
30009	68.64	6.20	17.16	-5.59	-477.39	-233.98	334.37	-279.43	146.16
30010	69.49	6.19	17.16	-425.64	-695.68	-409.69	496.46	-598.35	255.67
30011	70.35	6.19	17.16	-1235.07	-1058.51	-835.78	797.93	-1226.92	510.09
30012	71.20	6.18	17.16	-2718.15	-1721.79	-2021.60	1436.44	-2607.13	1218.32
30013	72.05	6.18	17.16	-5361.60	-4114.21	-7173.84	2774.61	-5862.92	4481.34
30014	72.91	6.18	17.16	-4898.65	-4490.64	-14616.80	1515.01	-4803.86	3819.06
30015	73.76	6.17	17.16	-1768.93	-2428.04	-13896.90	-322.66	1023.38	-1586.59
30016	74.61	6.17	17.16	-1216.34	-1380.16	-7171.64	89.99	1180.31	-1993.76
30017	75.46	6.16	17.16	-1950.21	-1502.54	-8029.70	53.95	-3071.99	-233.59
30018	76.32	6.16	17.16	-1354.80	-2065.25	-12132.70	55.68	132.71	-561.62
30019	77.17	6.16	17.16	-2033.63	-1472.24	-7911.15	119.07	4009.69	-479.91
30020	78.02	6.15	17.16	-780.96	-437.78	-2588.87	49.95	1032.09	68.19
30021	65.75	7.28	17.16	124.39	-92.65	42.23	53.96	181.77	134.01
30022	66.57	7.28	17.16	214.09	-160.37	-66.80	84.68	112.78	64.84
30023	67.39	7.27	17.16	240.79	-233.60	-123.57	119.00	23.38	61.87
30024	68.21	7.27	17.16	182.79	-333.01	-174.32	169.62	-98.31	96.71
30025	69.03	7.27	17.16	2.52	-480.78	-256.08	256.24	-278.46	170.56
30026	69.85	7.27	17.16	-361.24	-711.95	-423.89	410.77	-571.35	311.90
30027	70.67	7.27	17.16	-995.28	-1088.38	-794.70	686.02	-1082.00	595.14
30028	71.49	7.27	17.16	-1984.69	-1793.73	-1687.20	1104.87	-1956.01	1181.32
30029	72.31	7.26	17.16	-3294.08	-2291.47	-3068.89	1276.34	-3118.76	1250.44
30030	73.12	7.26	17.16	-7599.54	-3951.59	-11660.40	2030.94	-8824.11	2005.49
30031	73.94	7.26	17.16	-2272.69	-2893.86	-18879.00	-282.64	-1396.68	268.99
30032	74.76	7.26	17.16	-1706.86	-1943.75	-12101.50	-9.11	2601.11	-920.21
30033	75.58	7.26	17.16	-2085.44	-1765.30	-9722.14	-21.19	-2954.24	-334.10
30034	76.40	7.25	17.16	-1535.19	-2314.68	-13828.20	26.56	205.75	-630.73
30035	77.22	7.25	17.16	-2350.62	-1688.45	-9243.89	175.95	4788.40	-665.75
30036	78.04	7.25	17.16	-963.67	-441.81	-3086.48	54.99	1329.17	-226.30
30037	64.02	3.97	15.47	4.43	-3.72	41.14	77.70	84.48	324.85
30038	64.95	3.97	15.47	-129.62	-27.37	-172.68	92.13	-52.68	267.10
30039	65.88	3.97	15.47	-311.96	-60.17	-311.76	132.11	-230.45	236.84
30040	66.81	3.97	15.47	-558.51	-100.50	-454.43	179.82	-484.20	232.95
30041	67.74	3.97	15.47	-887.74	-152.23	-682.97	227.93	-860.19	249.61
30042	68.67	3.97	15.47	-1303.69	-223.74	-1129.36	267.85	-1431.17	284.26
30043	69.61	3.96	15.47	-1737.53	-330.20	-2063.45	276.51	-2288.37	332.57
30044	70.54	3.96	15.47	-1862.96	-515.41	-4147.22	186.08	-3394.78	362.91
30045	71.47	3.96	15.47	-150.74	-467.56	-6461.22	-181.47	-3001.46	93.87
30046	72.40	3.96	15.47	-206.86	-729.86	-8152.94	-134.67	-2051.50	-265.25
30047	73.33	3.96	15.47	-538.88	-672.70	-8546.02	-186.23	-447.75	-619.43
30048	74.26	3.96	15.47	-847.72	-421.57	-7687.01	-179.70	31.68	-902.20
30049	75.19	3.96	15.47	-933.64	-371.96	-7197.41	-152.88	103.27	-1197.75
30050	76.12	3.95	15.47	-912.97	-375.88	-6940.01	-10.04	240.03	-1384.18
30051	77.05	3.95	15.47	-968.77	-235.23	-6608.20	128.45	386.55	-1303.95
30052	77.98	3.95	15.47	-1053.64	-63.65	-6287.40	83.66	349.07	-1129.78
30053	64.36	5.11	15.47	7.78	6.26	32.22	74.71	93.61	301.13
30054	65.27	5.10	15.47	-139.90	-15.67	-197.05	92.92	-58.71	258.23
30055	66.18	5.10	15.47	-334.82	-51.76	-351.07	140.91	-253.42	244.56
30056	67.09	5.10	15.47	-594.73	-97.96	-510.55	204.28	-527.38	265.11
30057	68.00	5.09	15.47	-938.40	-157.18	-761.48	278.97	-929.18	321.65
30058	68.91	5.09	15.47	-1369.30	-236.27	-1241.35	361.23	-1533.20	424.45
30059	69.81	5.08	15.47	-1821.20	-344.94	-2226.31	430.23	-2432.11	593.36
30060	70.72	5.08	15.47	-1982.04	-495.53	-4410.55	393.13	-3610.51	816.38
30061	71.63	5.08	15.47	-132.12	-266.83	-6724.66	-85.63	-3162.35	734.05
30062	72.54	5.07	15.47	-149.10	-599.65	-8473.86	-132.30	-2369.96	439.60
30063	73.45	5.07	15.47	-656.15	-1057.30	-9395.51	-111.31	-846.90	-174.24
30064	74.36	5.07	15.47	-1233.24	-1098.63	-8859.49	-133.76	-120.59	-511.33
30065	75.27	5.06	15.47	-929.27	-838.66	-8195.28	-244.69	-50.13	-531.95
30066	76.18	5.06	15.47	-696.99	-738.90	-7896.44	-1.93	249.80	-580.26
30067	77.09	5.06	15.47	-959.73	-657.17	-7462.25	299.24	620.82	-510.84
30068	78.00	5.05	15.47	-1501.16	-561.55	-6831.63	170.54	619.29	-298.29
30069	64.79	6.21	15.47	9.88	15.62	21.60	72.78	97.35	274.55
30070	65.67	6.21	15.47	-150.08	-5.42	-222.88	96.25	-68.69	249.53
30071	66.55	6.20	15.47	-353.26	-46.73	-393.53	153.87	-276.60	255.47
30072	67.43	6.20	15.47	-617.08	-102.84	-570.07	233.92	-562.97	303.80
30073	68.31	6.19	15.47	-956.00	-178.48	-838.13	335.41	-973.44	404.05
30074	69.19	6.19	15.47	-1365.70	-285.15	-1328.72	458.39	-1571.28	578.52
30075	70.08	6.19	15.47	-1775.33	-440.54	-2291.32	586.92	-2421.76	867.11
30076	70.96	6.18	15.47	-1915.97	-665.27	-4194.25	625.72	-3446.63	1315.73
30077	71.84	6.18	15.47	-929.99	-488.62	-6714.32	36.36	-3633.11	1220.59
30078	72.72	6.18	15.47	63.03	-456.00	-8637.12	-736.32	-2617.50	731.08
30079	73.60	6.17	15.47	-436.37	-1113.60	-9604.80	-483.03	-1404.02	316.41
30080	74.48	6.17	15.47	-1325.37	-1487.88	-9749.08	-134.04	-508.54	-265.40
30081	75.36	6.16	15.47	-950.99	-1285.82	-9101.10	-72.72	7.46	-592.89
30082	76.25	6.16	15.47	-391.94	-997.30	-8398.87	1.19	345.45	-557.74
30083	77.13	6.16	15.47	-880.88	-1116.31	-7816.55	174.96	885.56	-385.57
30084	78.01	6.15	15.47	-1996.94	-1294.52	-6884.46	91.55	907.53	-150.46
30085	65.29	7.28	15.47	11.31	24.51	9.36	70.86	93.32	245.59
30086	66.14	7.27	15.47	-158.49	1.45	-250.86	101.67	-82.75	240.43
30087	66.99	7.27	15.47	-364.93	-45.85	-439.23	168.21	-298.71	267.94
30088	67.84	7.27	15.47	-623.11	-114.69	-632.12	260.94	-588.12	343.88
30089	68.69	7.27	15.47	-942.32	-211.30	-909.71	377.87	-989.02	481.79
30090	69.54	7.27	15.47	-1313.43	-348.94	-1385.70	512.11	-1547.22	704.56
30091	70.39	7.27	15.47	-1681.00	-545.13	-2247.67	626.13	-2297.05	1039.77
30092	71.24	7.26	15.47	-1907.88	-769.27	-3745.83	592.14	-3186.74	1433.98
30093	72.08	7.26	15.47	-1921.99	-1128.16	-6469.73	308.20	-4124.27	1814.50
30094	72.93	7.26	15.47	56.57	-712.24	-8768.10	-620.48	-3068.52	1272.51
30095	73.78	7.26	15.47	-127.03	-698.67	-9935.04	-523.30	-2178.25	322.18
30096	74.63	7.26	15.47	-997.35	-1078.47	-10973.30	-384.91	-1138.37	-412.10

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]
30097	75.48	7.26	15.47	-964.31	-1245.84	-10693.50	-108.72	75.32	-756.50
30098	76.33	7.25	15.47	-356.33	-1015.54	-9520.63	-87.77	512.23	-700.59
30099	77.18	7.25	15.47	-906.68	-1111.05	-8602.33	-30.45	1048.55	-679.51
30100	78.03	7.25	15.47	-2221.99	-1294.26	-7446.19	-0.05	1022.51	-662.73
30101	63.60	3.97	13.78	-40.31	35.25	-196.54	66.16	-72.47	302.46
30102	64.56	3.97	13.78	-203.70	34.84	-415.69	44.75	-285.48	310.23
30103	65.51	3.97	13.78	-390.14	28.51	-624.68	39.93	-511.43	307.07
30104	66.47	3.97	13.78	-592.27	17.48	-866.91	42.82	-788.01	305.08
30105	67.43	3.97	13.78	-787.48	2.18	-1212.67	42.03	-1138.24	306.86
30106	68.39	3.97	13.78	-924.26	-18.71	-1756.96	24.06	-1560.91	306.68
30107	69.35	3.96	13.78	-901.03	-45.81	-2605.02	-28.39	-1984.41	287.01
30108	70.30	3.96	13.78	-575.75	-51.01	-3637.49	-128.17	-2143.64	205.86
30109	71.26	3.96	13.78	-447.83	-111.11	-4746.04	-201.81	-2103.81	75.45
30110	72.22	3.96	13.78	-45.93	-128.20	-5711.41	-344.56	-1732.37	-150.83
30111	73.18	3.96	13.78	67.74	-239.52	-6327.74	-385.86	-1121.54	-465.26
30112	74.14	3.96	13.78	-107.63	-335.54	-6466.99	-349.51	-465.77	-758.04
30113	75.10	3.96	13.78	-294.40	-316.19	-6236.34	-258.11	-79.67	-952.45
30114	76.05	3.95	13.78	-427.79	-274.41	-5962.28	-162.88	122.36	-1061.42
30115	77.01	3.95	13.78	-534.25	-265.93	-5728.31	-84.17	231.13	-1118.43
30116	77.97	3.95	13.78	-612.25	-268.09	-5552.96	-30.16	267.71	-1133.74
30117	63.93	5.10	13.78	-41.83	39.78	-247.19	67.02	-83.77	279.68
30118	64.87	5.10	13.78	-216.79	44.27	-475.72	56.56	-311.33	310.76
30119	65.80	5.10	13.78	-413.00	40.52	-700.78	64.17	-553.68	331.48
30120	66.74	5.09	13.78	-623.00	30.48	-964.60	82.69	-847.90	358.33
30121	67.68	5.09	13.78	-824.26	15.89	-1337.64	100.38	-1216.75	398.41
30122	68.61	5.09	13.78	-965.94	-2.59	-1914.99	100.84	-1658.14	449.88
30123	69.55	5.08	13.78	-949.33	-22.47	-2800.15	58.08	-2100.55	493.60
30124	70.49	5.08	13.78	-629.96	-13.96	-3861.33	-55.55	-2277.07	469.63
30125	71.42	5.08	13.78	-561.19	-100.76	-5031.03	-149.12	-2304.06	378.36
30126	72.36	5.07	13.78	-163.84	-95.24	-6123.29	-321.12	-2010.24	184.95
30127	73.30	5.07	13.78	57.09	-81.87	-6911.95	-431.76	-1454.96	-103.02
30128	74.23	5.07	13.78	9.42	-163.13	-7265.14	-376.75	-750.85	-442.33
30129	75.17	5.06	13.78	-241.78	-236.55	-7165.00	-228.14	-209.36	-670.41
30130	76.11	5.06	13.78	-421.67	-221.14	-6874.18	-159.82	59.42	-752.62
30131	77.04	5.06	13.78	-538.41	-212.64	-6623.22	-125.16	190.73	-800.00
30132	77.98	5.05	13.78	-613.27	-222.22	-6467.99	-57.01	243.64	-837.43
30133	64.34	6.21	13.78	-43.97	45.38	-305.92	69.56	-102.36	255.31
30134	65.25	6.20	13.78	-226.31	52.33	-541.97	71.78	-341.29	312.17
30135	66.16	6.20	13.78	-426.47	48.42	-782.41	93.44	-595.20	359.89
30136	67.07	6.20	13.78	-636.82	35.98	-1065.63	128.25	-899.01	418.62
30137	67.98	6.19	13.78	-835.44	17.06	-1458.11	164.26	-1273.16	499.40
30138	68.89	6.19	13.78	-976.21	-5.93	-2048.03	182.26	-1713.70	603.45
30139	69.80	6.18	13.78	-976.99	-25.22	-2922.19	148.00	-2155.63	711.42
30140	70.71	6.18	13.78	-748.07	-8.78	-4029.06	8.40	-2413.73	729.98
30141	71.62	6.18	13.78	-513.41	-52.89	-5213.81	-118.71	-2417.59	672.04
30142	72.53	6.17	13.78	-317.65	-112.23	-6376.79	-159.67	-2227.23	549.30
30143	73.44	6.17	13.78	-39.97	-56.51	-7347.62	-369.96	-1755.15	298.24
30144	74.35	6.17	13.78	111.98	-79.58	-7897.61	-446.34	-1058.21	-37.40
30145	75.26	6.16	13.78	-122.42	-189.53	-7962.25	-315.27	-381.13	-320.62
30146	76.17	6.16	13.78	-421.47	-261.37	-7689.01	-187.85	7.51	-460.38
30147	77.08	6.16	13.78	-544.40	-247.00	-7394.13	-128.38	139.44	-520.01
30148	77.99	6.15	13.78	-584.89	-238.55	-7268.72	-66.13	202.20	-560.85
30149	64.84	7.28	13.78	-45.98	52.22	-374.71	73.63	-129.98	230.21
30150	65.72	7.27	13.78	-230.52	57.42	-616.74	90.24	-375.46	314.39
30151	66.59	7.27	13.78	-428.45	51.37	-870.73	125.83	-634.87	391.23
30152	67.47	7.27	13.78	-632.10	33.92	-1169.58	175.04	-939.56	482.61
30153	68.35	7.27	13.78	-821.83	7.79	-1572.29	225.70	-1306.48	601.29
30154	69.23	7.27	13.78	-960.44	-22.37	-2155.12	257.20	-1731.29	749.29
30155	70.11	7.27	13.78	-989.95	-44.50	-2993.64	236.75	-2167.76	905.05
30156	70.98	7.26	13.78	-851.37	-45.72	-4130.29	138.36	-2508.90	1019.29
30157	71.86	7.26	13.78	-434.15	62.81	-5309.38	-55.33	-2487.28	982.30
30158	72.74	7.26	13.78	-432.69	6.82	-6484.82	-134.36	-2374.58	909.10
30159	73.62	7.26	13.78	-150.03	-18.37	-7588.57	-353.84	-2017.09	741.50
30160	74.50	7.26	13.78	152.21	13.20	-8333.47	-417.34	-1384.14	413.24
30161	75.38	7.26	13.78	38.45	-19.68	-8624.02	-384.86	-656.98	69.34
30162	76.25	7.25	13.78	-343.66	-140.03	-8499.62	-256.44	-115.85	-180.89
30163	77.13	7.25	13.78	-511.41	-186.48	-8222.62	-173.37	70.60	-295.23
30164	78.01	7.25	13.78	-548.23	-218.97	-8122.44	-96.27	164.66	-352.55
30165	63.18	3.97	12.09	-78.58	18.89	-573.62	41.10	-212.17	233.37
30166	64.16	3.97	12.09	-214.93	28.38	-725.52	15.60	-441.01	276.50
30167	65.15	3.97	12.09	-348.18	37.06	-920.75	-6.31	-665.85	300.38
30168	66.13	3.97	12.09	-468.46	44.51	-1171.07	-26.30	-901.48	310.22
30169	67.12	3.97	12.09	-555.05	50.61	-1505.92	-49.37	-1151.52	308.34
30170	68.10	3.96	12.09	-577.70	55.53	-1956.23	-82.02	-1395.75	291.64
30171	69.09	3.96	12.09	-513.13	60.30	-2520.09	-128.29	-1582.81	251.29
30172	70.07	3.96	12.09	-407.87	53.87	-3183.66	-182.60	-1687.19	181.18
30173	71.06	3.96	12.09	-197.11	49.17	-3875.33	-252.36	-1637.48	66.76
30174	72.04	3.96	12.09	-53.43	24.56	-4501.79	-297.50	-1432.06	-85.66
30175	73.03	3.96	12.09	63.58	9.90	-4975.77	-328.05	-1120.35	-259.79
30176	74.02	3.96	12.09	101.43	-16.70	-5260.35	-319.21	-747.52	-444.82
30177	75.00	3.95	12.09	32.92	-56.13	-5346.11	-274.24	-386.52	-609.71
30178	75.99	3.95	12.09	-69.54	-79.28	-5287.40	-209.72	-120.29	-729.85
30179	76.97	3.95	12.09	-153.86	-86.50	-5186.29	-140.85	56.18	-804.36
30180	77.96	3.95	12.09	-202.56	-88.33	-5097.14	-71.50	181.29	-841.34
30181	63.50	5.10	12.09	-85.58	18.21	-669.41	42.36	-237.50	218.74
30182	64.46	5.10	12.09	-228.15	31.46	-824.06	28.78	-475.24	283.70
30183	65.43	5.09	12.09	-366.11	44.16	-1029.34	18.42	-711.37	331.03
30184	66.39	5.09	12.09	-489.36	55.81	-1296.10	10.01	-958.95	367.19
30185	67.36	5.09	12.09	-578.03	66.75	-1652.16	-2.14	-1220.79	395.75
30186	68.32	5.08	12.09	-603.55	78.20	-2126.79	-26.47	-1476.94	413.61
30187	69.29	5.08	12.09	-544.59	92.18	-2717.69	-69.51	-1678.49	409.73
30188	70.25	5.08	12.09	-449.88	96.07	-3419.33	-125.42	-1807.12	376.20
30189	71.22	5.07	12.09	-232.56	115.49	-4165.75	-202.34	-1783.63	295.24
30190	72.18	5.07	12.09	-79.14	110.30	-4863.76	-261.17	-1599.20	165.91
30191	73.14	5.07	12.09	46.88	94.55	-5423.10	-300.96	-1299.84	4.89
30192	74.11	5.06	12.09	104.45	87.11	-5801.50	-318.72	-931.65	-170.54
30193	75.07	5.06	12.09	79.52	71.66	-5983.93	-293.76	-550.65	-345.99
30194	76.04	5.06	12.09	-14.04	46.88	-6000.21	-223.89	-230.07	-485.67
30195	77.00	5.05	12.09	-103.40	35.90	-5932.29	-147.31	-4.43	-567.75

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]
30196	77.97	5.05	12.09	-153.80	34.69	-5853.29	-79.14	162.83	-605.69
30197	63.90	6.20	12.09	-93.19	19.92	-777.20	45.68	-269.09	204.90
30198	64.84	6.20	12.09	-237.46	34.07	-932.85	45.17	-511.45	292.31
30199	65.78	6.20	12.09	-375.32	47.89	-1145.99	47.65	-753.89	364.84
30200	66.72	6.19	12.09	-496.68	61.00	-1425.58	51.61	-1007.07	429.45
30201	67.65	6.19	12.09	-583.62	73.87	-1796.24	51.05	-1272.89	490.51
30202	68.59	6.19	12.09	-611.10	88.79	-2283.98	36.26	-1533.00	544.90
30203	69.53	6.18	12.09	-561.39	108.45	-2892.85	-1.27	-1746.46	579.15
30204	70.47	6.18	12.09	-455.66	124.79	-3605.60	-51.34	-1878.93	589.05
30205	71.41	6.18	12.09	-287.28	151.96	-4382.41	-122.81	-1893.04	558.33
30206	72.35	6.17	12.09	-92.56	183.92	-5136.25	-224.13	-1742.34	462.56
30207	73.29	6.17	12.09	46.42	186.17	-5772.04	-265.58	-1458.42	318.03
30208	74.23	6.17	12.09	107.98	190.54	-6237.44	-283.87	-1098.46	158.74
30209	75.16	6.16	12.09	119.73	192.97	-6516.34	-282.05	-717.64	-5.82
30210	76.10	6.16	12.09	58.87	179.98	-6625.27	-234.78	-357.15	-155.02
30211	77.04	6.16	12.09	-35.87	159.41	-6611.95	-162.71	-73.60	-255.78
30212	77.98	6.15	12.09	-89.42	152.95	-6548.13	-89.69	139.99	-304.87
30213	64.38	7.27	12.09	-100.43	24.06	-899.72	51.62	-307.61	192.91
30214	65.29	7.27	12.09	-241.45	35.14	-1054.94	65.05	-549.40	302.65
30215	66.20	7.27	12.09	-374.21	47.35	-1272.91	80.60	-792.35	401.10
30216	67.10	7.27	12.09	-489.00	59.12	-1560.45	96.69	-1044.42	494.83
30217	68.01	7.27	12.09	-570.58	71.15	-1938.02	107.53	-1306.50	588.27
30218	68.92	7.27	12.09	-598.24	86.67	-2428.41	103.46	-1562.95	678.77
30219	69.83	7.26	12.09	-555.31	109.19	-3041.13	76.08	-1779.80	756.07
30220	70.73	7.26	12.09	-439.29	143.23	-3744.42	23.03	-1907.58	802.93
30221	71.64	7.26	12.09	-326.92	156.90	-4525.51	-35.29	-1953.36	820.93
30222	72.55	7.26	12.09	-101.54	207.30	-5315.48	-131.00	-1845.05	776.32
30223	73.46	7.26	12.09	49.37	255.57	-6011.64	-187.61	-1580.65	675.26
30224	74.37	7.26	12.09	117.16	282.63	-6548.09	-241.07	-1239.67	550.32
30225	75.27	7.26	12.09	150.79	298.44	-6916.41	-251.85	-870.80	404.31
30226	76.18	7.25	12.09	135.58	311.44	-7123.21	-228.89	-496.74	262.82
30227	77.09	7.25	12.09	54.13	305.95	-7190.76	-166.27	-160.67	151.39
30228	78.00	7.25	12.09	2.94	309.49	-7161.58	-94.53	107.66	93.72
30229	62.75	3.97	10.41	-108.63	-34.77	-954.85	10.44	-324.37	156.31
30230	63.77	3.97	10.41	-220.88	-22.20	-1034.19	-10.42	-530.55	215.54
30231	64.78	3.97	10.41	-313.11	-6.52	-1169.10	-31.97	-725.55	256.33
30232	65.79	3.97	10.41	-383.92	10.21	-1363.64	-54.32	-910.41	279.04
30233	66.80	3.96	10.41	-420.60	27.63	-1625.06	-79.35	-1081.16	284.15
30234	67.82	3.96	10.41	-414.23	44.73	-1958.43	-108.66	-1227.73	271.33
30235	68.83	3.96	10.41	-364.50	59.53	-2361.79	-142.50	-1334.89	239.04
30236	69.84	3.96	10.41	-265.34	72.83	-2814.48	-180.69	-1375.50	183.88
30237	70.85	3.96	10.41	-153.58	79.80	-3283.36	-215.33	-1336.04	105.85
30238	71.87	3.96	10.41	-29.58	83.25	-3724.22	-245.23	-1211.16	6.27
30239	72.88	3.96	10.41	62.37	77.13	-4094.33	-258.82	-1009.01	-109.12
30240	73.89	3.96	10.41	113.50	68.28	-4362.33	-254.84	-764.26	-227.66
30241	74.91	3.95	10.41	125.44	58.33	-4525.15	-230.73	-507.88	-338.93
30242	75.92	3.95	10.41	102.00	46.20	-4595.38	-188.19	-265.64	-431.64
30243	76.93	3.95	10.41	65.14	36.91	-4598.51	-133.39	-56.85	-496.31
30244	77.94	3.95	10.41	34.56	33.17	-4566.63	-73.01	120.06	-529.14
30245	63.07	5.10	10.41	-120.01	-39.81	-1081.26	9.46	-357.35	154.46
30246	64.06	5.09	10.41	-235.06	-24.48	-1161.92	-0.28	-566.80	229.81
30247	65.05	5.09	10.41	-328.66	-5.23	-1302.53	-11.93	-767.38	289.32
30248	66.04	5.09	10.41	-400.11	15.42	-1507.22	-25.06	-959.35	333.42
30249	67.04	5.09	10.41	-437.17	37.50	-1782.42	-42.15	-1137.74	362.26
30250	68.03	5.08	10.41	-431.51	60.48	-2132.82	-65.36	-1292.58	375.18
30251	69.02	5.08	10.41	-382.92	82.75	-2557.36	-95.44	-1409.56	370.11
30252	70.01	5.08	10.41	-283.15	106.62	-3036.13	-133.07	-1461.03	342.37
30253	71.01	5.07	10.41	-171.29	124.64	-3537.76	-171.45	-1434.07	290.03
30254	72.00	5.07	10.41	-41.67	142.00	-4020.98	-208.26	-1322.63	212.52
30255	72.99	5.07	10.41	62.47	154.23	-4443.90	-232.19	-1128.73	112.89
30256	73.98	5.06	10.41	128.79	158.41	-4769.27	-235.97	-881.75	3.05
30257	74.98	5.06	10.41	153.42	158.48	-4987.47	-220.56	-614.26	-103.10
30258	75.97	5.06	10.41	145.93	156.46	-5107.11	-187.32	-351.99	-195.87
30259	76.96	5.05	10.41	119.04	152.24	-5147.71	-137.46	-111.89	-265.20
30260	77.95	5.05	10.41	91.61	149.87	-5135.02	-78.19	100.03	-302.38
30261	63.46	6.20	10.41	-131.68	-41.23	-1218.82	10.69	-393.80	155.92
30262	64.42	6.20	10.41	-245.76	-25.92	-1299.92	12.71	-602.22	246.17
30263	65.39	6.19	10.41	-336.67	-5.62	-1444.54	11.45	-803.54	324.29
30264	66.36	6.19	10.41	-405.27	16.47	-1656.55	8.07	-997.71	390.75
30265	67.33	6.19	10.41	-440.12	40.76	-1940.83	-0.23	-1178.70	444.98
30266	68.29	6.18	10.41	-433.74	67.14	-2301.61	-16.01	-1336.91	485.86
30267	69.26	6.18	10.41	-384.58	95.01	-2736.27	-40.19	-1457.50	511.41
30268	70.23	6.18	10.41	-292.23	125.69	-3229.96	-75.11	-1519.29	515.47
30269	71.20	6.17	10.41	-172.97	155.65	-3751.79	-116.37	-1502.37	492.55
30270	72.16	6.17	10.41	-48.65	182.50	-4263.42	-150.94	-1403.13	444.99
30271	73.13	6.17	10.41	63.96	210.26	-4724.97	-185.21	-1223.85	374.39
30272	74.10	6.16	10.41	145.81	230.66	-5100.45	-202.25	-983.07	284.26
30273	75.06	6.16	10.41	184.33	244.14	-5371.46	-196.94	-709.86	189.87
30274	76.03	6.16	10.41	191.78	253.15	-5540.20	-173.41	-433.88	104.90
30275	77.00	6.15	10.41	179.63	258.47	-5621.49	-132.78	-168.16	38.59
30276	77.97	6.15	10.41	157.26	260.01	-5632.93	-80.91	77.72	0.64
30277	63.92	7.27	10.41	-142.52	-38.98	-1370.24	15.25	-433.83	161.98
30278	64.86	7.27	10.41	-251.81	-27.29	-1450.95	29.22	-636.45	265.80
30279	65.80	7.27	10.41	-336.00	-8.78	-1597.28	38.26	-833.17	361.72
30280	66.73	7.27	10.41	-398.14	12.02	-1812.83	44.56	-1024.12	450.29
30281	67.67	7.27	10.41	-427.98	35.78	-2100.64	45.23	-1202.29	530.02
30282	68.61	7.27	10.41	-418.87	62.87	-2463.81	37.65	-1358.08	599.54
30283	69.55	7.26	10.41	-368.90	93.79	-2897.53	19.85	-1476.65	655.68
30284	70.48	7.26	10.41	-285.23	126.54	-3392.28	-7.78	-1544.27	694.97
30285	71.42	7.26	10.41	-160.66	168.96	-3918.63	-48.01	-1535.17	708.60
30286	72.36	7.26	10.41	-43.84	207.34	-4440.13	-85.60	-1445.99	696.71
30287	73.30	7.26	10.41	72.62	243.72	-4922.02	-124.51	-1285.02	659.70
30288	74.23	7.26	10.41	165.61	277.96	-5333.90	-146.81	-1056.41	599.96
30289	75.17	7.26	10.41	219.06	306.99	-5648.19	-155.40	-785.71	531.15
30290	76.11	7.25	10.41	239.87	327.31	-5860.80	-144.75	-502.10	463.53
30291	77.04	7.25	10.41	243.53	342.09	-5979.43	-119.14	-219.03	408.58
30292	77.98	7.25	10.41	228.99	347.72	-6016.05	-80.60	54.70	374.40
30293	62.33	3.97	8.72	-150.65	-117.76	-1290.45	-28.14	-422.72	79.43
30294	63.37	3.97	8.72	-238.48	-103.30	-1302.35	-40.00	-598.31	152.60

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]
30295	64.41	3.97	8.72	-323.16	-84.96	-1360.66	-50.97	-755.85	205.96
30296	65.45	3.96	8.72	-369.12	-61.00	-1475.47	-65.06	-885.76	237.99
30297	66.49	3.96	8.72	-379.61	-36.07	-1654.80	-82.88	-996.33	251.29
30298	67.53	3.96	8.72	-357.10	-12.08	-1893.28	-104.01	-1084.49	247.36
30299	68.57	3.96	8.72	-303.35	10.20	-2180.61	-127.54	-1140.46	226.71
30300	69.61	3.96	8.72	-226.99	29.50	-2501.80	-151.27	-1154.13	189.87
30301	70.65	3.96	8.72	-133.66	45.81	-2835.56	-173.34	-1116.11	137.53
30302	71.69	3.96	8.72	-41.16	57.66	-3157.24	-189.42	-1023.52	72.01
30303	72.73	3.96	8.72	41.32	65.88	-3442.47	-197.00	-882.42	-2.37
30304	73.77	3.96	8.72	101.82	69.53	-3672.94	-192.81	-703.73	-79.98
30305	74.81	3.95	8.72	136.38	69.84	-3838.57	-176.22	-505.04	-153.40
30306	75.85	3.95	8.72	148.92	68.61	-3940.88	-148.07	-302.06	-215.81
30307	76.89	3.95	8.72	145.52	66.71	-3988.23	-110.46	-105.08	-261.50
30308	77.93	3.95	8.72	134.51	65.40	-3991.15	-66.79	81.15	-286.20
30309	62.64	5.10	8.72	-168.16	-127.00	-1433.08	-31.89	-459.91	93.12
30310	63.66	5.09	8.72	-254.67	-107.39	-1449.55	-35.19	-635.38	177.49
30311	64.68	5.09	8.72	-339.76	-86.75	-1512.62	-36.20	-795.78	244.77
30312	65.70	5.09	8.72	-385.77	-60.57	-1632.61	-42.38	-928.93	291.99
30313	66.72	5.08	8.72	-395.43	-32.92	-1819.36	-54.01	-1043.01	322.67
30314	67.74	5.08	8.72	-371.63	-5.36	-2068.15	-70.40	-1135.32	338.14
30315	68.76	5.08	8.72	-316.35	21.78	-2368.76	-90.81	-1196.15	338.20
30316	69.78	5.07	8.72	-238.44	47.17	-2706.72	-113.45	-1215.60	322.35
30317	70.80	5.07	8.72	-142.02	71.31	-3061.54	-136.44	-1183.77	290.16
30318	71.82	5.07	8.72	-44.97	92.15	-3408.81	-155.66	-1096.25	242.94
30319	72.84	5.07	8.72	44.22	109.54	-3723.59	-168.20	-958.18	184.21
30320	73.86	5.06	8.72	113.66	123.17	-3986.93	-170.83	-778.71	118.61
30321	74.88	5.06	8.72	158.86	132.65	-4185.98	-161.06	-573.09	52.95
30322	75.90	5.06	8.72	180.71	138.54	-4318.19	-139.18	-356.88	-4.92
30323	76.92	5.05	8.72	185.12	141.98	-4388.62	-107.48	-141.57	-48.60
30324	77.94	5.05	8.72	178.79	143.45	-4405.34	-69.10	67.15	-73.54
30325	63.01	6.20	8.72	-186.43	-129.77	-1581.04	-33.98	-495.95	110.66
30326	64.01	6.19	8.72	-265.86	-106.73	-1603.27	-30.33	-666.62	202.26
30327	65.01	6.19	8.72	-348.14	-86.60	-1672.22	-21.68	-826.58	282.77
30328	66.00	6.19	8.72	-391.62	-60.96	-1796.51	-19.50	-959.74	346.18
30329	67.00	6.19	8.72	-398.70	-33.37	-1987.85	-23.89	-1074.24	395.98
30330	67.99	6.18	8.72	-372.84	-4.84	-2241.93	-34.05	-1167.60	433.00
30331	68.99	6.18	8.72	-317.09	24.57	-2549.23	-49.70	-1230.98	456.23
30332	69.98	6.18	8.72	-237.58	54.26	-2895.32	-69.38	-1253.70	464.47
30333	70.98	6.17	8.72	-142.29	83.90	-3261.31	-90.94	-1227.19	457.03
30334	71.98	6.17	8.72	-41.74	112.76	-3624.12	-112.90	-1146.00	433.24
30335	72.97	6.17	8.72	51.41	138.40	-3959.75	-128.92	-1012.72	395.17
30336	73.97	6.16	8.72	127.56	160.87	-4248.00	-137.19	-835.81	348.01
30337	74.96	6.16	8.72	182.07	179.08	-4474.83	-135.30	-628.11	297.13
30338	75.96	6.16	8.72	213.28	192.48	-4633.91	-121.99	-403.20	249.38
30339	76.96	6.15	8.72	225.28	201.22	-4726.18	-99.02	-173.82	211.73
30340	77.95	6.15	8.72	224.32	205.80	-4756.85	-69.19	53.38	189.02
30341	63.47	7.27	8.72	-203.53	-128.63	-1735.92	-31.64	-530.82	134.95
30342	64.43	7.27	8.72	-271.47	-105.79	-1762.90	-22.08	-690.93	229.28
30343	65.40	7.27	8.72	-346.84	-87.66	-1838.23	-5.57	-845.80	321.17
30344	66.37	7.27	8.72	-384.67	-64.80	-1966.57	4.29	-975.61	400.67
30345	67.33	7.27	8.72	-387.41	-39.71	-2159.99	7.42	-1087.64	470.02
30346	68.30	7.26	8.72	-359.07	-12.68	-2414.33	4.20	-1179.13	529.06
30347	69.27	7.26	8.72	-303.41	16.38	-2720.89	-5.33	-1242.13	576.63
30348	70.23	7.26	8.72	-223.67	48.06	-3065.65	-21.07	-1265.59	610.43
30349	71.20	7.26	8.72	-131.64	79.76	-3431.56	-40.02	-1242.50	629.41
30350	72.17	7.26	8.72	-30.65	112.73	-3798.02	-61.63	-1167.69	632.48
30351	73.13	7.26	8.72	63.74	144.95	-4142.62	-80.37	-1040.33	620.53
30352	74.10	7.26	8.72	144.29	174.37	-4444.35	-94.81	-869.04	597.01
30353	75.07	7.25	8.72	205.58	199.34	-4689.33	-100.36	-663.67	566.07
30354	76.03	7.25	8.72	245.24	219.33	-4868.11	-96.98	-435.93	534.14
30355	77.00	7.25	8.72	264.13	232.95	-4978.15	-84.83	-198.30	506.90
30356	77.97	7.25	8.72	268.36	240.70	-5021.07	-66.72	41.32	489.33
30357	61.91	3.97	7.03	-166.81	-240.57	-1601.57	-73.53	-535.83	-4.15
30358	62.98	3.97	7.03	-354.69	-230.57	-1509.06	-74.18	-703.75	96.58
30359	64.04	3.97	7.03	-407.63	-192.57	-1460.42	-68.76	-772.90	160.93
30360	65.11	3.96	7.03	-416.08	-154.83	-1510.72	-69.54	-839.29	199.34
30361	66.18	3.96	7.03	-396.88	-120.13	-1627.28	-76.93	-901.12	217.88
30362	67.25	3.96	7.03	-355.80	-89.37	-1794.57	-88.92	-950.12	220.42
30363	68.31	3.96	7.03	-296.82	-62.51	-2000.42	-103.32	-977.68	209.10
30364	69.38	3.96	7.03	-223.78	-39.12	-2232.08	-118.19	-975.78	185.33
30365	70.45	3.96	7.03	-143.62	-19.18	-2475.09	-131.34	-938.84	150.69
30366	71.51	3.96	7.03	-62.71	-2.52	-2713.59	-140.89	-864.70	107.33
30367	72.58	3.96	7.03	10.60	10.59	-2932.23	-144.75	-755.21	58.25
30368	73.65	3.96	7.03	70.73	20.46	-3118.14	-141.54	-616.69	7.36
30369	74.72	3.95	7.03	114.13	27.26	-3263.04	-130.47	-457.40	-41.02
30370	75.78	3.95	7.03	140.28	31.45	-3363.30	-111.82	-286.58	-82.37
30371	76.85	3.95	7.03	151.52	33.73	-3419.75	-86.94	-112.04	-112.74
30372	77.92	3.95	7.03	150.96	34.61	-3435.56	-57.87	61.12	-129.20
30373	62.20	5.09	7.03	-186.24	-257.21	-1758.73	-84.46	-577.71	33.25
30374	63.25	5.09	7.03	-382.51	-244.11	-1673.93	-60.84	-752.13	148.32
30375	64.30	5.09	7.03	-437.50	-199.63	-1623.48	-48.38	-819.78	214.58
30376	65.35	5.08	7.03	-443.28	-158.44	-1673.89	-46.94	-882.82	258.58
30377	66.40	5.08	7.03	-419.66	-122.27	-1793.67	-52.58	-942.68	287.34
30378	67.44	5.08	7.03	-374.13	-90.42	-1966.61	-62.52	-991.53	303.33
30379	68.49	5.08	7.03	-311.33	-61.82	-2180.32	-74.98	-1020.35	307.29
30380	69.54	5.07	7.03	-234.83	-35.51	-2422.05	-88.67	-1020.53	299.53
30381	70.59	5.07	7.03	-151.26	-11.51	-2677.49	-101.94	-985.87	280.73
30382	71.64	5.07	7.03	-66.29	10.18	-2930.93	-113.08	-913.62	252.24
30383	72.69	5.06	7.03	12.02	29.04	-3166.89	-119.94	-804.59	216.29
30384	73.73	5.06	7.03	78.10	44.71	-3371.59	-120.84	-664.11	176.35
30385	74.78	5.06	7.03	127.90	57.02	-3535.41	-114.82	-499.85	136.48
30386	75.83	5.06	7.03	160.36	65.96	-3653.00	-101.70	-320.55	100.94
30387	76.88	5.05	7.03	176.68	71.67	-3723.14	-82.45	-134.22	73.83
30388	77.93	5.05	7.03	179.29	74.45	-3747.29	-58.94	53.05	58.30
30389	62.57	6.19	7.03	-202.30	-258.11	-1917.14	-98.58	-612.54	69.05
30390	63.59	6.19	7.03	-407.10	-239.80	-1848.12	-54.79	-795.07	195.22
30391	64.62	6.19	7.03	-459.91	-194.39	-1796.57	-36.94	-857.50	263.46
30392	65.64	6.19	7.03	-459.28	-155.81	-1846.56	-31.87	-914.19	315.30
30393	66.67	6.18	7.03	-429.46	-123.19	-1967.57	-33.05	-970.10	356.88

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]
30394	67.69	6.18	7.03	-379.55	-94.04	-2142.61	-38.13	-1017.24	388.65
30395	68.72	6.18	7.03	-313.89	-66.52	-2359.05	-46.27	-1045.81	410.05
30396	69.74	6.17	7.03	-236.04	-39.74	-2604.59	-56.83	-1047.02	420.58
30397	70.77	6.17	7.03	-150.81	-13.68	-2865.44	-68.75	-1014.16	420.10
30398	71.79	6.17	7.03	-64.39	11.14	-3126.52	-80.04	-944.00	409.43
30399	72.82	6.17	7.03	16.81	34.26	-3372.59	-89.20	-836.81	390.19
30400	73.84	6.16	7.03	86.90	54.65	-3589.80	-94.09	-696.66	364.85
30401	74.86	6.16	7.03	141.61	71.65	-3767.42	-93.40	-530.37	337.01
30402	75.89	6.16	7.03	179.33	84.78	-3898.63	-86.74	-346.14	310.60
30403	76.91	6.15	7.03	200.26	93.74	-3980.36	-74.61	-151.75	289.31
30404	77.94	6.15	7.03	205.82	98.40	-4012.24	-58.61	45.93	276.25
30405	63.01	7.27	7.03	-209.35	-241.57	-2061.35	-118.31	-631.17	99.99
30406	64.00	7.27	7.03	-417.93	-222.26	-2018.05	-61.73	-817.75	230.00
30407	65.00	7.27	7.03	-463.29	-183.08	-1973.34	-37.49	-874.33	304.17
30408	66.00	7.27	7.03	-454.87	-152.65	-2026.46	-24.93	-926.15	368.32
30409	66.99	7.26	7.03	-420.34	-127.18	-2148.40	-17.95	-979.20	425.48
30410	67.99	7.26	7.03	-368.40	-103.19	-2322.43	-15.51	-1024.49	474.45
30411	68.99	7.26	7.03	-302.41	-78.79	-2536.45	-17.60	-1051.86	514.16
30412	69.98	7.26	7.03	-225.71	-53.72	-2779.09	-23.67	-1052.97	543.94
30413	70.98	7.26	7.03	-141.37	-27.70	-3037.59	-33.03	-1021.19	563.20
30414	71.97	7.26	7.03	-55.97	-1.72	-3297.87	-43.74	-953.01	572.14
30415	72.97	7.26	7.03	25.59	23.31	-3545.47	-54.37	-848.66	571.72
30416	73.97	7.26	7.03	97.26	46.33	-3767.16	-62.64	-710.90	563.71
30417	74.96	7.25	7.03	154.95	66.34	-3951.55	-67.46	-545.72	550.86
30418	75.96	7.25	7.03	196.28	82.27	-4090.89	-67.80	-360.50	536.22
30419	76.96	7.25	7.03	220.87	93.58	-4180.49	-63.94	-162.68	523.07
30420	77.95	7.25	7.03	228.91	99.70	-4218.48	-56.89	40.48	513.97
30421	61.49	3.97	5.34	-693.95	-451.34	-1954.78	-242.65	-894.07	-147.25
30422	62.58	3.97	5.34	-579.49	-357.19	-1509.76	-155.50	-698.13	33.85
30423	63.68	3.96	5.34	-514.22	-303.25	-1462.27	-105.60	-698.26	121.33
30424	64.77	3.96	5.34	-467.45	-252.93	-1489.85	-79.49	-736.90	165.71
30425	65.86	3.96	5.34	-420.27	-208.45	-1567.82	-70.57	-779.73	186.32
30426	66.96	3.96	5.34	-365.30	-171.04	-1684.46	-71.73	-812.90	191.41
30427	68.05	3.96	5.34	-301.62	-139.99	-1830.95	-77.90	-828.70	184.75
30428	69.15	3.96	5.34	-231.39	-113.98	-1998.05	-85.90	-821.71	168.52
30429	70.24	3.96	5.34	-157.97	-91.94	-2175.50	-93.64	-788.28	144.48
30430	71.34	3.96	5.34	-85.95	-73.35	-2352.47	-99.42	-726.94	114.53
30431	72.43	3.96	5.34	-19.74	-57.90	-2518.32	-101.91	-638.69	80.97
30432	73.53	3.95	5.34	36.56	-45.52	-2663.75	-100.09	-526.75	46.44
30433	74.62	3.95	5.34	80.23	-36.07	-2781.65	-93.48	-396.19	13.86
30434	75.71	3.95	5.34	110.07	-29.38	-2867.66	-82.20	-252.76	-13.87
30435	76.81	3.95	5.34	126.20	-25.26	-2919.92	-66.99	-102.11	-34.17
30436	77.90	3.95	5.34	129.67	-23.45	-2938.48	-49.13	50.86	-45.04
30437	61.77	5.09	5.34	-764.65	-526.02	-2137.24	-178.38	-966.03	-23.12
30438	62.85	5.09	5.34	-644.86	-403.54	-1669.73	-98.32	-757.29	112.93
30439	63.92	5.08	5.34	-572.28	-328.15	-1618.43	-60.94	-747.18	187.47
30440	65.00	5.08	5.34	-515.36	-266.02	-1647.67	-46.21	-778.29	230.60
30441	66.08	5.08	5.34	-456.91	-217.50	-1728.80	-44.44	-816.34	256.54
30442	67.15	5.08	5.34	-392.43	-179.81	-1849.50	-48.47	-847.21	270.59
30443	68.23	5.07	5.34	-321.67	-149.06	-2000.84	-55.05	-862.26	274.79
30444	69.30	5.07	5.34	-246.26	-122.61	-2173.78	-62.76	-855.32	270.25
30445	70.38	5.07	5.34	-168.69	-99.09	-2358.35	-70.53	-822.18	258.00
30446	71.46	5.07	5.34	-92.86	-78.12	-2543.82	-77.21	-760.79	239.38
30447	72.53	5.06	5.34	-22.73	-59.67	-2719.42	-81.65	-671.67	216.17
30448	73.61	5.06	5.34	37.72	-44.00	-2875.44	-82.80	-557.52	190.58
30449	74.68	5.06	5.34	85.67	-31.32	-3004.05	-80.00	-422.97	165.20
30450	75.76	5.06	5.34	119.52	-21.82	-3099.89	-73.16	-273.61	142.72
30451	76.84	5.05	5.34	138.96	-15.54	-3160.08	-62.77	-115.22	125.62
30452	77.91	5.05	5.34	144.57	-12.49	-3183.76	-49.92	46.86	115.85
30453	62.13	6.19	5.34	-870.46	-570.04	-2373.45	-107.73	-1073.07	109.43
30454	63.18	6.19	5.34	-733.23	-420.71	-1850.91	-44.48	-830.92	193.58
30455	64.23	6.19	5.34	-638.24	-326.95	-1788.75	-28.87	-796.58	251.99
30456	65.29	6.18	5.34	-558.05	-261.79	-1818.19	-27.90	-812.98	294.83
30457	66.34	6.18	5.34	-482.40	-218.61	-1900.94	-29.82	-843.33	328.16
30458	67.39	6.18	5.34	-407.40	-186.98	-2022.72	-32.15	-870.21	352.91
30459	68.45	6.18	5.34	-330.83	-160.48	-2174.82	-35.55	-883.28	369.44
30460	69.50	6.17	5.34	-252.18	-136.26	-2348.74	-40.46	-875.46	378.01
30461	70.55	6.17	5.34	-172.72	-113.38	-2535.06	-46.54	-842.10	379.11
30462	71.61	6.17	5.34	-95.21	-91.74	-2723.46	-53.01	-780.80	373.54
30463	72.66	6.16	5.34	-23.25	-71.80	-2903.41	-58.65	-691.57	362.57
30464	73.71	6.16	5.34	39.56	-54.08	-3065.09	-62.44	-576.70	347.96
30465	74.76	6.16	5.34	90.29	-39.17	-3200.26	-63.53	-440.27	331.80
30466	75.82	6.16	5.34	127.05	-27.55	-3302.82	-61.56	-287.58	316.38
30467	76.87	6.15	5.34	149.07	-19.57	-3368.98	-56.76	-124.36	303.91
30468	77.92	6.15	5.34	156.50	-15.45	-3397.07	-49.90	43.77	296.14
30469	62.55	7.27	5.34	-1000.48	-570.63	-2603.80	-75.76	-1185.04	198.33
30470	63.58	7.27	5.34	-819.23	-392.75	-2034.64	-34.51	-890.80	248.18
30471	64.60	7.27	5.34	-679.42	-295.93	-1969.21	-36.66	-827.32	303.54
30472	65.63	7.26	5.34	-571.55	-246.77	-2001.93	-35.13	-831.63	354.95
30473	66.65	7.26	5.34	-482.83	-218.47	-2085.03	-28.87	-855.90	399.32
30474	67.68	7.26	5.34	-402.90	-196.82	-2204.83	-22.66	-879.18	436.48
30475	68.71	7.26	5.34	-325.32	-176.65	-2353.51	-19.26	-889.85	466.21
30476	69.73	7.26	5.34	-247.18	-156.41	-2523.38	-19.41	-880.51	488.52
30477	70.76	7.26	5.34	-168.91	-135.93	-2705.77	-22.58	-846.45	503.61
30478	71.78	7.26	5.34	-92.40	-115.48	-2891.08	-27.93	-785.25	511.96
30479	72.81	7.26	5.34	-20.98	-95.76	-3069.32	-34.21	-696.61	514.36
30480	73.83	7.26	5.34	42.09	-77.61	-3230.91	-40.30	-582.45	512.01
30481	74.86	7.25	5.34	93.79	-61.88	-3367.61	-45.13	-446.36	506.46
30482	75.89	7.25	5.34	132.05	-49.25	-3472.87	-48.19	-293.18	499.48
30483	76.91	7.25	5.34	155.67	-40.35	-3542.32	-49.37	-128.49	492.79
30484	77.94	7.25	5.34	164.42	-35.52	-3573.62	-49.10	42.04	487.85
30485	90.68	8.10	17.16	164.44	9.45	25.70	-113.19	-183.59	128.32
30486	90.28	8.70	17.16	165.91	5.81	26.37	-102.13	-191.65	112.18
30487	89.89	8.10	17.16	241.42	-60.02	-78.16	-140.86	-103.25	66.01
30488	89.52	8.70	17.16	235.40	-60.58	-82.91	-116.60	-107.05	53.75
30489	89.10	8.10	17.16	257.86	-139.05	-135.45	-173.51	-8.64	67.07
30490	88.75	8.70	17.16	247.16	-136.67	-146.55	-138.18	-10.80	58.98
30491	88.31	8.10	17.16	196.95	-245.31	-186.06	-222.30	113.06	106.57
30492	87.99	8.70	17.16	185.83	-239.86	-200.03	-176.27	114.08	103.72

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]
30493	87.52	8.10	17.16	31.54	-399.67	-261.94	-301.79	282.43	183.24
30494	87.23	8.70	17.16	26.11	-389.10	-278.30	-242.77	279.24	181.17
30495	86.73	8.10	17.16	-279.40	-629.86	-406.22	-432.79	535.44	313.30
30496	86.46	8.70	17.16	-270.73	-610.43	-419.73	-352.64	521.86	305.71
30497	85.94	8.10	17.16	-802.30	-985.84	-699.85	-630.89	935.73	525.56
30498	85.70	8.70	17.16	-789.78	-915.45	-692.58	-527.32	923.14	482.91
30499	85.15	8.10	17.16	-1698.45	-1379.57	-1266.51	-873.48	1644.87	726.13
30500	84.94	8.70	17.16	-1747.21	-1394.52	-1305.33	-875.60	1735.57	835.26
30501	84.37	8.10	17.16	-3689.13	-2089.94	-2893.09	-1467.73	3560.89	1368.76
30502	84.17	8.70	17.16	-3445.17	-2221.50	-3010.94	-1667.96	3559.32	1654.90
30503	83.58	8.10	17.16	-7871.98	-4015.79	-12061.00	-2647.21	9657.80	2939.11
30504	83.41	8.70	17.16	-6219.23	-5462.31	-9699.31	-3536.82	7484.31	6175.94
30505	82.79	8.10	17.16	-2593.52	-2703.63	-19185.50	249.91	2350.78	755.41
30506	82.65	8.70	17.16	-5141.48	-5226.21	-17342.40	-1731.75	4914.55	5023.42
30507	82.00	8.10	17.16	-2064.26	-2351.20	-14397.30	344.73	-119.69	-1865.22
30508	81.88	8.70	17.16	-2490.79	-2470.95	-17576.60	286.06	1517.90	212.90
30509	81.21	8.10	17.16	-2212.85	-2228.23	-12607.70	93.19	2031.58	-1858.99
30510	81.12	8.70	17.16	-2250.45	-2203.28	-15710.10	64.11	894.12	-292.53
30511	80.42	8.10	17.16	-1680.56	-2333.07	-14489.10	0.28	320.70	-622.97
30512	80.36	8.70	17.16	-1931.90	-2372.19	-15532.30	140.02	312.56	-505.59
30513	79.63	8.10	17.16	-2103.29	-1764.21	-9973.17	-201.01	-4552.07	-797.04
30514	79.60	8.70	17.16	-2247.41	-1918.07	-10774.70	-126.06	-4535.31	-928.68
30515	78.84	8.10	17.16	-951.26	-570.51	-3607.80	-59.72	-970.26	-399.84
30516	78.83	8.70	17.16	-1027.10	-882.62	-4276.85	3.05	-788.12	-839.63
30517	91.15	8.10	15.47	42.88	93.56	-57.04	-121.59	-77.74	244.40
30518	90.76	8.70	15.47	45.26	95.05	-72.77	-122.12	-64.66	218.72
30519	90.33	8.10	15.47	-124.46	74.49	-301.22	-162.47	104.76	252.84
30520	89.97	8.70	15.47	-125.72	75.71	-325.82	-166.70	121.29	243.22
30521	89.51	8.10	15.47	-320.55	25.63	-483.31	-234.22	322.13	291.47
30522	89.18	8.70	15.47	-321.54	23.27	-519.27	-241.87	340.12	296.29
30523	88.69	8.10	15.47	-559.49	-47.70	-668.70	-328.58	602.20	375.45
30524	88.38	8.70	15.47	-558.40	-54.91	-713.37	-339.56	620.74	394.41
30525	87.87	8.10	15.47	-849.61	-148.33	-924.55	-440.22	974.68	515.66
30526	87.59	8.70	15.47	-842.58	-159.06	-974.29	-452.39	985.06	545.71
30527	87.05	8.10	15.47	-1189.00	-282.96	-1339.64	-556.96	1473.64	726.17
30528	86.79	8.70	15.47	-1179.17	-290.32	-1382.59	-571.97	1470.07	765.74
30529	86.23	8.10	15.47	-1561.42	-446.21	-2046.01	-645.66	2137.98	1010.54
30530	86.00	8.70	15.47	-1563.05	-447.67	-2070.92	-682.51	2126.94	1066.73
30531	85.41	8.10	15.47	-1927.63	-643.39	-3298.98	-664.07	3019.12	1362.73
30532	85.20	8.70	15.47	-1917.16	-591.38	-3294.46	-741.53	3004.26	1449.33
30533	84.59	8.10	15.47	-1956.75	-700.68	-5615.17	-458.37	4023.51	1631.04
30534	84.41	8.70	15.47	-1950.04	-683.13	-5491.76	-659.30	3975.66	1930.67
30535	83.77	8.10	15.47	-116.14	-114.28	-7730.95	276.93	3365.52	1378.64
30536	83.61	8.70	15.47	-796.92	-36.03	-8001.84	161.48	3915.89	1436.83
30537	82.96	8.10	15.47	-386.66	-314.06	-9536.52	376.14	3046.59	929.16
30538	82.82	8.70	15.47	-152.79	156.53	-10096.60	811.22	3275.19	890.73
30539	82.14	8.10	15.47	-864.33	-655.51	-11188.00	418.99	1792.71	249.82
30540	82.03	8.70	15.47	-624.95	-431.28	-11687.10	442.55	2128.68	481.69
30541	81.32	8.10	15.47	-805.98	-837.77	-11238.30	106.21	705.14	-318.42
30542	81.23	8.70	15.47	-737.09	-548.99	-12110.80	284.06	1045.43	-144.83
30543	80.50	8.10	15.47	-458.79	-850.95	-10324.50	136.34	-117.06	-696.28
30544	80.44	8.70	15.47	-604.43	-670.31	-11432.90	298.18	-37.58	-492.47
30545	79.68	8.10	15.47	-1065.72	-1042.38	-9368.84	162.59	-424.91	-828.56
30546	79.64	8.70	15.47	-1192.76	-962.91	-10628.90	368.68	-165.79	-936.25
30547	78.86	8.10	15.47	-2363.28	-1342.28	-8496.44	28.17	-384.51	-1001.75
30548	78.85	8.70	15.47	-2408.96	-1373.93	-10085.40	109.52	-278.64	-1356.92
30549	91.62	8.10	13.78	-19.76	104.53	-509.63	-121.33	154.15	242.61
30550	91.25	8.70	13.78	-19.06	107.91	-570.47	-127.36	183.92	220.55
30551	90.77	8.10	13.78	-193.82	111.56	-723.07	-151.11	395.64	337.63
30552	90.42	8.70	13.78	-190.73	112.47	-785.55	-164.91	426.02	334.60
30553	89.92	8.10	13.78	-378.58	105.11	-956.42	-195.98	650.88	425.97
30554	89.60	8.70	13.78	-370.38	102.98	-1024.81	-216.96	680.58	441.36
30555	89.07	8.10	13.78	-567.51	86.82	-1233.36	-251.67	945.14	526.52
30556	88.77	8.70	13.78	-553.84	81.81	-1307.59	-279.43	973.02	560.58
30557	88.22	8.10	13.78	-746.27	60.53	-1600.80	-307.19	1292.12	650.93
30558	87.94	8.70	13.78	-725.83	53.09	-1678.88	-341.20	1311.39	702.20
30559	87.37	8.10	13.78	-888.30	32.50	-2120.03	-345.48	1690.31	801.13
30560	87.12	8.70	13.78	-863.46	23.18	-2194.49	-388.15	1697.38	873.64
30561	86.52	8.10	13.78	-951.45	11.28	-2860.93	-343.38	2113.39	966.04
30562	86.29	8.70	13.78	-926.64	5.52	-2918.84	-395.93	2107.71	1064.45
30563	85.67	8.10	13.78	-861.83	22.61	-3867.17	-267.27	2471.55	1105.09
30564	85.47	8.70	13.78	-853.97	16.27	-3890.25	-336.44	2459.53	1238.88
30565	84.82	8.10	13.78	-560.86	71.88	-4957.87	-113.07	2546.90	1144.81
30566	84.64	8.70	13.78	-608.14	103.20	-4984.09	-172.11	2593.04	1282.55
30567	83.97	8.10	13.78	-614.92	15.58	-6123.39	-12.01	2584.26	1078.25
30568	83.82	8.70	13.78	-493.12	100.16	-6125.77	-97.55	2587.95	1330.10
30569	83.12	8.10	13.78	-251.98	139.09	-7231.57	151.65	2344.90	902.25
30570	82.99	8.70	13.78	-302.26	174.86	-7264.12	-75.16	2414.96	1296.30
30571	82.27	8.10	13.78	43.77	232.95	-8109.21	236.47	1898.33	673.41
30572	82.17	8.70	13.78	-0.35	368.47	-8233.99	178.50	2012.27	1112.15
30573	81.42	8.10	13.78	-15.97	203.43	-8649.06	304.17	1234.37	382.89
30574	81.34	8.70	13.78	13.56	366.91	-8892.18	258.57	1399.79	815.92
30575	80.57	8.10	13.78	-323.95	114.60	-8774.92	201.46	752.61	125.58
30576	80.51	8.70	13.78	-240.75	339.21	-9189.77	202.63	918.74	498.77
30577	79.72	8.10	13.78	-491.57	55.01	-8748.29	99.63	513.16	-58.85
30578	79.69	8.70	13.78	-403.55	341.88	-9269.51	89.16	579.95	333.52
30579	78.87	8.10	13.78	-485.35	31.48	-8825.17	1.87	396.89	-140.70
30580	78.86	8.70	13.78	-374.16	387.96	-9350.64	-5.29	417.43	285.66
30581	92.09	8.10	12.09	-73.51	77.76	-1083.03	-105.46	331.36	230.13
30582	91.73	8.70	12.09	-74.92	81.21	-1180.73	-113.47	366.50	218.02
30583	91.21	8.10	12.09	-203.93	84.41	-1211.31	-131.72	562.11	341.90
30584	90.87	8.70	12.09	-200.85	84.06	-1307.84	-147.12	593.97	343.96
30585	90.33	8.10	12.09	-325.65	92.61	-1402.74	-157.44	798.10	445.47
30586	90.02	8.70	12.09	-316.52	88.90	-1499.46	-179.76	826.31	462.76
30587	89.45	8.10	12.09	-433.07	101.35	-1661.45	-182.29	1044.74	545.39
30588	89.16	8.70	12.09	-417.80	95.21	-1758.16	-210.96	1069.52	579.47
30589	88.57	8.10	12.09	-513.82	111.68	-2002.26	-201.48	1301.46	645.35
30590	88.30	8.70	12.09	-492.24	103.48	-2098.69	-236.01	1318.62	696.05
30591	87.69	8.10	12.09	-551.61	126.68	-2443.92	-207.76	1555.86	744.55

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]
30592	87.45	8.70	12.09	-525.36	117.41	-2536.05	-248.77	1563.35	814.85
30593	86.81	8.10	12.09	-530.75	151.60	-2994.78	-192.91	1780.57	834.81
30594	86.59	8.70	12.09	-503.95	141.83	-3077.00	-240.81	1779.89	927.94
30595	85.93	8.10	12.09	-451.34	186.89	-3633.59	-156.53	1937.13	901.53
30596	85.73	8.70	12.09	-428.27	178.85	-3706.33	-210.16	1934.32	1020.09
30597	85.05	8.10	12.09	-364.31	225.96	-4353.14	-108.94	2030.77	939.67
30598	84.88	8.70	12.09	-331.22	215.59	-4408.58	-175.54	2018.04	1099.58
30599	84.17	8.10	12.09	-163.08	296.03	-5095.59	-38.82	1987.26	943.48
30600	84.02	8.70	12.09	-174.06	283.68	-5140.75	-108.11	1992.27	1130.52
30601	83.29	8.10	12.09	-51.01	328.31	-5791.09	17.26	1818.82	904.39
30602	83.16	8.70	12.09	-27.84	346.51	-5833.01	-15.21	1840.57	1105.34
30603	82.41	8.10	12.09	32.09	364.73	-6375.43	67.96	1570.92	819.01
30604	82.31	8.70	12.09	60.09	382.71	-6434.00	3.87	1604.35	1052.51
30605	81.53	8.10	12.09	97.19	406.96	-6839.86	76.66	1286.41	714.62
30606	81.45	8.70	12.09	127.44	448.14	-6921.31	30.85	1323.25	994.71
30607	80.65	8.10	12.09	121.02	431.97	-7182.06	72.97	957.89	610.18
30608	80.59	8.70	12.09	168.52	489.83	-7287.39	34.24	996.25	929.23
30609	79.77	8.10	12.09	93.13	441.19	-7388.88	26.90	636.64	533.13
30610	79.74	8.70	12.09	158.76	504.82	-7525.14	5.73	666.87	860.17
30611	78.89	8.10	12.09	74.74	445.13	-7487.15	-34.50	343.79	499.31
30612	78.88	8.70	12.09	138.83	500.18	-7644.39	-44.25	346.45	823.67
30613	92.56	8.10	10.41	-110.82	31.27	-1579.24	-84.59	449.55	231.91
30614	92.21	8.70	10.41	-113.92	34.02	-1694.73	-92.16	483.70	230.70
30615	91.65	8.10	10.41	-202.06	32.31	-1641.04	-107.73	637.75	328.36
30616	91.33	8.70	10.41	-200.36	31.67	-1756.12	-121.05	666.71	335.98
30617	90.74	8.10	10.41	-278.20	39.59	-1767.46	-126.03	829.33	421.24
30618	90.44	8.70	10.41	-271.14	35.69	-1881.49	-144.81	852.73	439.25
30619	89.83	8.10	10.41	-335.36	52.27	-1958.63	-139.47	1020.26	509.33
30620	89.55	8.70	10.41	-323.06	45.77	-2070.16	-163.32	1039.08	539.68
30621	88.92	8.10	10.41	-367.74	69.77	-2216.54	-146.98	1204.19	591.79
30622	88.66	8.70	10.41	-350.43	60.84	-2325.23	-175.50	1216.20	634.90
30623	88.01	8.10	10.41	-369.58	92.41	-2542.22	-147.05	1370.73	667.33
30624	87.77	8.70	10.41	-348.41	81.59	-2645.88	-180.35	1375.25	725.79
30625	87.10	8.10	10.41	-338.74	120.40	-2931.91	-138.11	1507.11	733.68
30626	86.89	8.70	10.41	-315.45	108.73	-3027.79	-175.48	1505.24	809.40
30627	86.19	8.10	10.41	-278.04	152.79	-3379.07	-120.01	1601.34	787.60
30628	86.00	8.70	10.41	-253.80	140.25	-3463.93	-162.01	1593.29	882.49
30629	85.28	8.10	10.41	-180.83	191.15	-3862.13	-92.61	1630.94	823.74
30630	85.11	8.70	10.41	-162.04	180.28	-3935.77	-135.99	1622.81	937.01
30631	84.37	8.10	10.41	-87.46	227.83	-4355.10	-62.61	1594.29	837.21
30632	84.22	8.70	10.41	-62.10	219.62	-4418.78	-107.06	1586.28	972.79
30633	83.46	8.10	10.41	22.24	273.25	-4828.93	-31.47	1490.85	828.65
30634	83.33	8.70	10.41	39.80	261.77	-4886.74	-84.40	1485.35	992.19
30635	82.55	8.10	10.41	113.79	312.66	-5257.44	-11.41	1320.05	804.67
30636	82.45	8.70	10.41	134.10	307.44	-5311.29	-53.57	1320.79	991.91
30637	81.64	8.10	10.41	179.89	344.55	-5612.17	0.06	1101.15	771.15
30638	81.56	8.70	10.41	205.84	340.54	-5668.82	-39.56	1106.77	975.20
30639	80.73	8.10	10.41	225.61	371.07	-5885.19	-6.07	856.32	736.23
30640	80.67	8.70	10.41	255.63	369.60	-5947.53	-35.49	862.13	955.56
30641	79.82	8.10	10.41	257.20	387.98	-6078.02	-21.61	592.92	707.54
30642	79.78	8.70	10.41	291.85	391.12	-6144.57	-40.82	596.45	941.45
30643	78.91	8.10	10.41	273.97	394.18	-6190.89	-47.33	319.30	693.03
30644	78.89	8.70	10.41	314.13	402.57	-6259.52	-54.57	317.75	935.65
30645	93.03	8.10	8.72	-138.07	-21.73	-1950.27	-62.45	525.33	245.27
30646	92.70	8.70	8.72	-142.72	-19.79	-2070.05	-68.49	555.83	252.96
30647	92.09	8.10	8.72	-201.81	-26.40	-1969.11	-82.61	671.16	320.72
30648	91.78	8.70	8.72	-202.05	-26.84	-2090.02	-92.76	696.07	333.86
30649	91.15	8.10	8.72	-251.24	-24.60	-2039.97	-98.27	818.93	396.22
30650	90.86	8.70	8.72	-246.89	-27.70	-2160.80	-112.27	837.89	416.21
30651	90.21	8.10	8.72	-283.62	-16.99	-2163.06	-109.27	962.72	469.04
30652	89.94	8.70	8.72	-275.02	-22.59	-2281.85	-126.97	976.82	497.55
30653	89.27	8.10	8.72	-295.86	-4.22	-2337.95	-115.40	1095.57	536.97
30654	89.02	8.70	8.72	-283.48	-12.51	-2453.97	-136.66	1103.58	574.54
30655	88.33	8.10	8.72	-285.92	13.37	-2562.72	-116.59	1209.55	598.56
30656	88.10	8.70	8.72	-270.48	2.79	-2674.16	-141.32	1211.42	647.35
30657	87.39	8.10	8.72	-253.28	35.59	-2832.78	-112.30	1296.81	652.56
30658	87.18	8.70	8.72	-235.92	23.07	-2937.41	-139.94	1293.42	714.12
30659	86.45	8.10	8.72	-198.46	61.82	-3139.21	-102.73	1348.03	696.73
30660	86.26	8.70	8.72	-181.03	47.26	-3235.78	-132.86	1340.60	771.87
30661	85.50	8.10	8.72	-129.42	90.81	-3470.01	-89.34	1357.27	729.39
30662	85.34	8.70	8.72	-111.52	74.58	-3557.35	-121.70	1346.88	819.93
30663	84.56	8.10	8.72	-46.76	122.56	-3809.16	-73.62	1318.88	750.16
30664	84.42	8.70	8.72	-31.36	105.25	-3887.17	-107.03	1307.89	856.64
30665	83.62	8.10	8.72	34.57	152.62	-4138.75	-59.07	1231.49	759.51
30666	83.51	8.70	8.72	50.98	136.28	-4208.25	-89.77	1221.87	880.75
30667	82.68	8.10	8.72	112.09	181.75	-4440.86	-46.63	1100.68	758.64
30668	82.59	8.70	8.72	128.21	164.67	-4504.50	-76.60	1092.79	894.66
30669	81.74	8.10	8.72	178.81	207.25	-4702.28	-40.17	931.21	750.83
30670	81.67	8.70	8.72	195.67	191.14	-4761.64	-65.26	925.49	901.25
30671	80.80	8.10	8.72	230.91	226.95	-4910.70	-39.14	731.51	740.85
30672	80.75	8.70	8.72	249.55	211.66	-4967.66	-59.23	727.56	902.63
30673	79.86	8.10	8.72	267.93	240.68	-5059.10	-44.51	511.13	733.28
30674	79.83	8.70	8.72	287.87	225.42	-5114.51	-57.72	507.54	902.79
30675	78.92	8.10	8.72	291.64	247.42	-5143.94	-53.45	276.60	731.54
30676	78.91	8.70	8.72	311.62	231.58	-5197.22	-58.76	272.84	905.12
30677	93.50	8.10	7.03	-159.51	-77.30	-2213.74	-40.27	575.51	263.71
30678	93.18	8.70	7.03	-165.73	-76.12	-2330.77	-44.34	601.71	277.86
30679	92.53	8.10	7.03	-205.81	-86.71	-2205.19	-57.82	689.34	322.71
30680	92.23	8.70	7.03	-207.87	-86.93	-2324.82	-64.62	710.02	340.62
30681	91.56	8.10	7.03	-241.55	-91.27	-2233.09	-73.15	803.59	383.41
30682	91.28	8.70	7.03	-239.68	-93.52	-2354.25	-82.50	818.78	406.28
30683	90.59	8.10	7.03	-263.45	-90.97	-2298.87	-85.25	911.68	442.38
30684	90.33	8.70	7.03	-258.12	-95.43	-2419.53	-97.15	922.48	471.42
30685	89.62	8.10	7.03	-269.01	-86.01	-2403.47	-93.64	1007.49	497.23
30686	89.38	8.70	7.03	-260.83	-93.08	-2522.64	-108.15	1013.16	532.81
30687	88.65	8.10	7.03	-256.97	-76.45	-2545.87	-98.13	1085.05	546.69
30688	88.43	8.70	7.03	-246.54	-85.92	-2661.75	-115.15	1085.79	590.54
30689	87.67	8.10	7.03	-227.50	-62.63	-2722.23	-98.45	1139.11	589.95
30690	87.48	8.70	7.03	-215.78	-74.43	-2832.98	-117.55	1135.85	643.14

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]
30691	86.70	8.10	7.03	-182.58	-45.50	-2926.46	-95.10	1164.94	626.04
30692	86.53	8.70	7.03	-170.45	-59.77	-3030.76	-116.12	1158.21	689.22
30693	85.73	8.10	7.03	-124.76	-25.66	-3149.81	-88.81	1158.13	654.46
30694	85.58	8.70	7.03	-113.20	-41.84	-3246.62	-110.89	1149.13	728.18
30695	84.76	8.10	7.03	-59.80	-4.38	-3381.49	-80.64	1116.37	675.09
30696	84.63	8.70	7.03	-48.65	-22.34	-3470.45	-102.96	1106.23	759.53
30697	83.79	8.10	7.03	8.56	17.54	-3609.60	-71.71	1039.39	688.27
30698	83.68	8.70	7.03	18.52	-2.24	-3691.05	-93.92	1029.15	783.63
30699	82.82	8.10	7.03	73.99	38.14	-3822.33	-63.90	928.43	695.28
30700	82.73	8.70	7.03	83.41	17.41	-3896.88	-84.16	919.14	800.92
30701	81.85	8.10	7.03	132.51	56.36	-4008.43	-57.89	787.78	697.93
30702	81.78	8.70	7.03	141.53	34.68	-4077.29	-75.57	779.92	812.57
30703	80.88	8.10	7.03	180.72	71.01	-4159.17	-54.56	622.41	698.19
30704	80.83	8.70	7.03	189.50	48.70	-4223.46	-68.20	616.19	820.37
30705	79.91	8.10	7.03	216.32	80.87	-4267.47	-53.49	438.07	698.15
30706	79.88	8.70	7.03	224.99	58.24	-4328.26	-62.33	433.64	825.74
30707	78.94	8.10	7.03	237.64	85.38	-4328.34	-53.99	241.02	699.45
30708	78.93	8.70	7.03	246.13	62.58	-4386.61	-57.52	238.35	829.89
30709	93.97	8.10	5.34	-176.85	-136.06	-2403.87	-18.39	610.98	282.87
30710	93.66	8.70	5.34	-183.84	-135.06	-2514.46	-20.10	632.14	301.00
30711	92.97	8.10	5.34	-216.44	-150.88	-2377.40	-35.23	708.91	334.43
30712	92.68	8.70	5.34	-219.78	-151.02	-2493.03	-38.76	725.56	356.45
30713	91.97	8.10	5.34	-248.23	-162.22	-2367.07	-52.95	801.05	385.49
30714	91.70	8.70	5.34	-248.22	-164.01	-2485.91	-58.08	813.21	411.76
30715	90.97	8.10	5.34	-268.48	-169.36	-2381.25	-68.75	882.59	432.95
30716	90.72	8.70	5.34	-265.70	-173.28	-2501.17	-75.66	891.34	464.29
30717	89.97	8.10	5.34	-274.11	-171.92	-2424.51	-81.28	949.42	475.28
30718	89.74	8.70	5.34	-269.24	-178.44	-2544.22	-90.15	954.25	511.80
30719	88.96	8.10	5.34	-264.13	-169.75	-2498.22	-89.87	998.23	512.16
30720	88.76	8.70	5.34	-257.76	-178.77	-2615.82	-100.65	999.42	555.13
30721	87.96	8.10	5.34	-239.05	-163.21	-2600.52	-94.22	1026.52	543.70
30722	87.77	8.70	5.34	-232.01	-174.89	-2714.16	-106.67	1024.76	593.73
30723	86.96	8.10	5.34	-200.62	-153.16	-2727.04	-94.76	1031.79	569.78
30724	86.79	8.70	5.34	-193.71	-167.58	-2835.44	-108.72	1027.43	627.08
30725	85.96	8.10	5.34	-152.00	-140.32	-2871.30	-92.16	1011.94	590.52
30726	85.81	8.70	5.34	-145.66	-157.17	-2973.45	-107.09	1005.65	655.47
30727	84.96	8.10	5.34	-96.60	-125.68	-3025.28	-87.19	965.73	606.23
30728	84.83	8.70	5.34	-91.27	-144.75	-3120.67	-102.51	958.28	678.88
30729	83.96	8.10	5.34	-38.78	-110.49	-3180.11	-80.90	892.95	617.41
30730	83.85	8.70	5.34	-34.46	-131.44	-3268.73	-95.78	885.14	697.47
30731	82.96	8.10	5.34	17.63	-95.77	-3326.81	-74.10	794.86	624.78
30732	82.87	8.70	5.34	20.83	-118.42	-3409.11	-87.94	787.39	711.75
30733	81.95	8.10	5.34	68.74	-82.68	-3457.03	-67.63	673.79	629.27
30734	81.89	8.70	5.34	70.99	-106.64	-3533.70	-79.55	667.25	722.36
30735	80.95	8.10	5.34	111.44	-72.14	-3563.30	-61.83	533.34	632.01
30736	80.90	8.70	5.34	112.91	-97.13	-3635.33	-71.22	528.19	730.03
30737	79.95	8.10	5.34	143.29	-64.88	-3639.75	-56.86	377.86	633.99
30738	79.92	8.70	5.34	144.12	-90.65	-3708.16	-63.09	374.40	735.55
30739	78.95	8.10	5.34	162.48	-61.50	-3682.00	-52.41	212.20	635.99
30740	78.94	8.70	5.34	162.85	-87.75	-3747.90	-55.10	210.70	739.42
30741	78.06	8.10	17.16	-1099.47	-594.96	-3687.35	54.96	1415.34	-397.79
30742	78.07	8.70	17.16	-1158.02	-895.60	-4351.77	-5.62	1237.89	-828.40
30743	77.27	8.10	17.16	-2560.15	-1869.28	-10310.60	204.93	5145.35	-800.53
30744	77.31	8.70	17.16	-2683.18	-2012.65	-11115.80	136.05	5137.92	-921.13
30745	76.48	8.10	17.16	-1776.39	-2425.24	-15078.20	-14.16	312.78	-639.90
30746	76.54	8.70	17.16	-2025.19	-2459.64	-16127.60	-163.74	329.96	-510.43
30747	75.69	8.10	17.16	-2249.67	-2343.24	-13388.10	-83.77	-1528.53	-1987.99
30748	75.78	8.70	17.16	-2352.87	-2331.17	-16658.60	-100.91	-273.82	-299.36
30749	74.90	8.10	17.16	-2254.02	-2551.43	-15676.30	-369.90	779.52	-1994.16
30750	75.02	8.70	17.16	-2598.26	-2673.54	-19011.10	-365.37	-965.68	248.26
30751	74.11	8.10	17.16	-2739.13	-2992.45	-21295.00	-337.99	-1934.06	831.58
30752	74.25	8.70	17.16	-5332.15	-5646.28	-19026.30	1713.20	-4818.06	5595.16
30753	73.32	8.10	17.16	-8268.00	-4363.99	-13401.10	2747.06	-10419.80	3278.95
30754	73.49	8.70	17.16	-6473.01	-5879.96	-10669.30	3643.50	-7955.27	6861.95
30755	72.53	8.10	17.16	-3838.70	-2241.74	-3165.79	1437.94	-3751.48	1493.50
30756	72.73	8.70	17.16	-3573.56	-2363.15	-3275.53	1640.30	-3732.77	1791.52
30757	71.75	8.10	17.16	-1763.66	-1474.01	-1369.51	789.92	-1686.52	774.11
30758	71.96	8.70	17.16	-1813.67	-1484.23	-1402.37	790.55	-1782.31	887.14
30759	70.96	8.10	17.16	-847.76	-1065.68	-752.74	525.02	-948.42	558.49
30760	71.20	8.70	17.16	-834.07	-984.97	-737.01	418.76	-926.52	502.55
30761	70.17	8.10	17.16	-313.51	-703.61	-431.61	314.80	-532.29	322.17
30762	70.44	8.70	17.16	-309.41	-676.72	-442.37	235.50	-512.22	311.44
30763	69.38	8.10	17.16	2.51	-476.70	-274.06	183.11	-270.25	178.87
30764	69.67	8.70	17.16	-11.41	-458.76	-289.37	124.91	-263.86	176.46
30765	68.59	8.10	17.16	167.69	-328.76	-191.01	110.07	-96.85	95.37
30766	68.91	8.70	17.16	146.79	-316.54	-204.40	63.73	-96.18	92.96
30767	67.80	8.10	17.16	225.05	-229.73	-135.01	71.61	25.57	52.72
30768	68.15	8.70	17.16	204.66	-221.19	-145.43	34.71	28.70	45.30
30769	67.01	8.10	17.16	203.68	-157.55	-71.04	51.28	118.09	51.14
30770	67.38	8.70	17.16	188.68	-152.67	-74.85	24.44	122.57	39.81
30771	66.22	8.10	17.16	122.03	-93.08	44.43	37.03	192.68	115.65
30772	66.62	8.70	17.16	115.14	-92.54	45.86	22.34	201.75	100.92
30773	78.04	8.10	15.47	-2356.81	-1354.53	-8619.62	-100.10	1008.22	-998.84
30774	78.05	8.70	15.47	-2401.74	-1388.14	-10207.60	-191.97	901.41	-1351.88
30775	77.22	8.10	15.47	-1006.26	-1066.83	-9697.67	-237.55	990.84	-820.38
30776	77.26	8.70	15.47	-1128.11	-986.05	-10954.70	-457.02	731.55	-918.01
30777	76.40	8.10	15.47	-457.52	-900.93	-10822.10	-211.22	623.39	-689.58
30778	76.46	8.70	15.47	-596.12	-714.22	-11944.20	-388.80	549.43	-463.34
30779	75.58	8.10	15.47	-796.46	-905.57	-11927.70	-204.67	-217.49	-289.13
30780	75.67	8.70	15.47	-684.67	-597.73	-12796.30	-392.71	-593.72	-101.06
30781	74.76	8.10	15.47	-762.99	-724.07	-12050.60	-563.98	-1444.82	340.58
30782	74.87	8.70	15.47	-504.01	-490.18	-12490.40	-585.57	-1828.79	589.52
30783	73.94	8.10	15.47	-200.94	-360.57	-10323.90	-516.51	-2964.57	1105.18
30784	74.08	8.70	15.47	21.61	120.91	-10850.60	-974.65	-3181.94	1028.12
30785	73.13	8.10	15.47	25.28	-181.03	-8390.68	-381.52	-3379.10	1571.75
30786	73.29	8.70	15.47	-710.06	-115.56	-8625.62	-242.27	-3955.66	1601.17
30787	72.31	8.10	15.47	-2025.88	-844.07	-6096.94	426.83	-4181.11	1823.89
30788	72.49	8.70	15.47	-2004.25	-821.81	-5915.80	643.31	-4101.70	2128.34
30789	71.49	8.10	15.47	-2022.22	-783.52	-3562.35	648.41	-3132.13	1506.00



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]
30790	71.70	8.70	15.47	-2002.70	-718.68	-3527.15	724.75	-3093.89	1580.38
30791	70.67	8.10	15.47	-1651.85	-561.08	-2192.69	625.07	-2207.87	1098.56
30792	70.90	8.70	15.47	-1647.78	-558.60	-2200.38	657.65	-2177.94	1148.98
30793	69.85	8.10	15.47	-1272.36	-378.59	-1419.88	525.18	-1512.23	772.13
30794	70.11	8.70	15.47	-1256.64	-384.24	-1454.30	536.31	-1494.65	810.73
30795	69.03	8.10	15.47	-922.34	-230.69	-964.85	396.40	-990.89	532.00
30796	69.31	8.70	15.47	-911.81	-240.57	-1010.65	406.71	-992.48	564.31
30797	68.21	8.10	15.47	-620.44	-122.13	-683.45	276.20	-604.38	372.74
30798	68.52	8.70	15.47	-618.67	-128.15	-725.71	286.36	-617.57	395.18
30799	67.39	8.10	15.47	-370.32	-44.25	-478.16	177.74	-317.12	276.97
30800	67.72	8.70	15.47	-372.86	-44.74	-511.86	184.66	-331.73	285.70
30801	66.57	8.10	15.47	-164.37	7.15	-275.24	106.19	-97.57	231.17
30802	66.93	8.70	15.47	-168.74	10.69	-297.47	109.36	-111.63	225.62
30803	65.75	8.10	15.47	10.65	27.82	-3.29	69.72	83.97	218.06
30804	66.14	8.70	15.47	8.91	31.26	-17.22	68.51	73.13	196.43
30805	78.03	8.10	13.78	-464.92	28.38	-8898.84	-120.37	118.93	-133.15
30806	78.04	8.70	13.78	-353.56	386.42	-9420.37	-127.24	79.76	296.41
30807	77.18	8.10	13.78	-447.61	42.42	-8968.64	-219.56	-20.87	-35.38
30808	77.21	8.70	13.78	-358.82	332.00	-9479.41	-221.21	-105.70	365.62
30809	76.33	8.10	13.78	-240.25	94.91	-9130.42	-327.02	-308.38	170.89
30810	76.39	8.70	13.78	-151.94	323.55	-9521.88	-336.77	-497.07	555.96
30811	75.48	8.10	13.78	100.23	176.41	-9104.19	-433.89	-879.23	456.38
30812	75.56	8.70	13.78	125.59	341.68	-9308.55	-393.09	-1063.28	906.78
30813	74.63	8.10	13.78	174.24	196.47	-8598.27	-355.96	-1650.73	774.65
30814	74.73	8.70	13.78	120.60	334.43	-8679.56	-299.74	-1770.73	1229.41
30815	73.78	8.10	13.78	-148.61	77.97	-7719.55	-255.81	-2184.30	1019.86
30816	73.91	8.70	13.78	-203.96	116.34	-7701.53	-17.84	-2258.58	1429.37
30817	72.93	8.10	13.78	-542.50	-63.18	-6567.59	-73.04	-2512.82	1211.08
30818	73.08	8.70	13.78	-415.86	31.87	-6517.65	9.31	-2507.79	1466.07
30819	72.08	8.10	13.78	-499.77	-2.86	-5325.46	46.86	-2535.80	1276.08
30820	72.26	8.70	13.78	-556.18	30.95	-5309.04	102.31	-2570.30	1408.20
30821	71.23	8.10	13.78	-856.25	-54.68	-4144.98	222.92	-2508.97	1217.47
30822	71.43	8.70	13.78	-847.54	-62.91	-4135.78	290.26	-2477.03	1351.59
30823	70.38	8.10	13.78	-980.47	-63.69	-3045.89	309.43	-2159.71	1049.04
30824	70.61	8.70	13.78	-950.71	-70.51	-3084.02	359.52	-2135.71	1149.41
30825	69.53	8.10	13.78	-934.31	-36.12	-2233.49	312.55	-1730.71	854.14
30826	69.78	8.70	13.78	-903.81	-46.72	-2296.14	353.44	-1722.87	930.39
30827	68.68	8.10	13.78	-797.97	-1.78	-1662.08	270.93	-1323.03	678.17
30828	68.96	8.70	13.78	-772.61	-10.11	-1732.80	303.92	-1330.97	734.56
30829	67.83	8.10	13.78	-617.52	29.73	-1255.68	211.06	-967.30	533.18
30830	68.13	8.70	13.78	-600.62	24.28	-1324.74	238.47	-986.80	573.22
30831	66.98	8.10	13.78	-422.66	51.81	-947.01	152.24	-666.39	416.56
30832	67.30	8.70	13.78	-413.22	49.85	-1011.13	173.13	-689.85	438.31
30833	66.13	8.10	13.78	-230.35	60.63	-684.06	106.65	-406.08	315.09
30834	66.48	8.70	13.78	-227.74	62.22	-742.87	120.28	-431.64	318.53
30835	65.28	8.10	13.78	-48.10	55.59	-438.99	78.64	-158.97	207.95
30836	65.65	8.70	13.78	-49.38	59.62	-497.23	84.01	-185.01	192.11
30837	78.01	8.10	12.09	89.64	442.61	-7536.32	-94.29	80.08	508.46
30838	78.02	8.70	12.09	153.30	497.30	-7689.26	-90.57	60.45	833.96
30839	77.13	8.10	12.09	141.00	434.16	-7531.70	-155.24	-233.19	561.09
30840	77.16	8.70	12.09	205.32	497.23	-7654.15	-139.44	-280.09	891.43
30841	76.25	8.10	12.09	194.78	419.36	-7404.10	-198.85	-596.01	657.30
30842	76.31	8.70	12.09	237.93	475.99	-7486.94	-164.21	-648.00	981.16
30843	75.37	8.10	12.09	188.33	387.68	-7117.68	-196.38	-980.06	779.65
30844	75.45	8.70	12.09	213.36	427.31	-7170.67	-152.96	-1025.88	1063.61
30845	74.49	8.10	12.09	126.93	336.85	-6685.72	-179.19	-1326.84	898.71
30846	74.59	8.70	12.09	149.73	352.75	-6710.99	-115.95	-1365.35	1134.55
30847	73.61	8.10	12.09	41.61	295.59	-6105.54	-116.63	-1642.31	994.25
30848	73.74	8.70	12.09	58.49	311.38	-6112.42	-87.56	-1662.40	1196.80
30849	72.73	8.10	12.09	-85.20	259.35	-5387.91	-46.64	-1873.62	1034.28
30850	72.88	8.70	12.09	-103.39	241.65	-5401.01	22.79	-1870.85	1224.89
30851	71.85	8.10	12.09	-315.79	182.55	-4604.36	37.10	-1968.90	1024.21
30852	72.02	8.70	12.09	-283.71	168.50	-4632.24	103.12	-1943.73	1188.79
30853	70.97	8.10	12.09	-426.34	140.51	-3833.25	95.01	-1911.68	974.83
30854	71.17	8.70	12.09	-403.15	130.05	-3883.87	147.17	-1895.09	1097.16
30855	70.09	8.10	12.09	-531.79	103.71	-3140.69	139.22	-1781.26	892.40
30856	70.31	8.70	12.09	-502.41	91.71	-3205.86	185.89	-1765.76	990.10
30857	69.21	8.10	12.09	-573.00	78.55	-2538.02	158.35	-1570.76	783.55
30858	69.45	8.70	12.09	-542.88	67.40	-2617.74	198.41	-1564.20	859.27
30859	68.33	8.10	12.09	-547.96	64.01	-2051.38	153.35	-1322.81	665.31
30860	68.60	8.70	12.09	-522.42	54.28	-2138.50	187.36	-1327.57	722.32
30861	67.45	8.10	12.09	-473.11	53.93	-1672.94	133.94	-1068.12	547.31
30862	67.74	8.70	12.09	-454.68	46.67	-1762.19	162.48	-1082.21	588.39
30863	66.57	8.10	12.09	-366.34	44.72	-1382.55	108.76	-820.78	430.70
30864	66.88	8.70	12.09	-355.44	40.44	-1472.80	131.17	-840.00	455.55
30865	65.69	8.10	12.09	-240.79	35.50	-1163.07	83.27	-580.99	311.18
30866	66.03	8.70	12.09	-237.53	35.10	-1253.90	98.86	-605.55	321.34
30867	64.81	8.10	12.09	-106.01	26.89	-1009.38	59.09	-343.47	184.25
30868	65.17	8.70	12.09	-108.66	30.39	-1102.48	66.80	-373.10	180.43
30869	77.99	8.10	10.41	286.48	392.35	-6221.46	-77.10	36.82	700.47
30870	78.01	8.70	10.41	325.80	400.50	-6286.57	-73.08	26.41	943.57
30871	77.08	8.10	10.41	292.30	382.25	-6166.54	-101.06	-251.63	729.53
30872	77.12	8.70	10.41	324.32	384.48	-6223.04	-84.74	-265.76	964.73
30873	76.17	8.10	10.41	279.49	361.23	-6022.75	-112.96	-542.56	771.67
30874	76.23	8.70	10.41	305.74	358.33	-6069.42	-85.90	-556.66	992.73
30875	75.26	8.10	10.41	245.74	330.19	-5785.99	-113.66	-825.23	818.03
30876	75.34	8.70	10.41	266.95	324.37	-5822.42	-76.01	-836.07	1024.34
30877	74.35	8.10	10.41	184.55	294.16	-5450.89	-94.85	-1089.31	860.05
30878	74.45	8.70	10.41	199.61	286.82	-5481.83	-54.54	-1091.07	1050.11
30879	73.44	8.10	10.41	88.06	250.00	-5024.59	-66.19	-1307.66	888.51
30880	73.57	8.70	10.41	101.08	236.11	-5058.96	-14.26	-1299.05	1055.01
30881	72.53	8.10	10.41	-34.32	199.99	-4537.41	-26.06	-1456.71	897.41
30882	72.68	8.70	10.41	-11.56	190.01	-4578.45	16.61	-1442.03	1035.74
30883	71.62	8.10	10.41	-144.73	160.15	-4018.53	12.25	-1534.76	879.65
30884	71.79	8.70	10.41	-127.42	147.16	-4071.81	54.11	-1516.89	996.08
30885	70.71	8.10	10.41	-263.89	118.76	-3501.21	46.68	-1540.45	834.78
30886	70.90	8.70	10.41	-238.70	103.84	-3568.80	87.42	-1520.33	933.81
30887	69.80	8.10	10.41	-345.73	83.63	-3016.10	69.74	-1474.27	768.92
30888	70.01	8.70	10.41	-319.76	69.71	-3097.81	105.93	-1459.18	849.52

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]
30889	68.89	8.10	10.41	-395.62	52.74	-2589.13	81.65	-1360.09	688.47
30890	69.13	8.70	10.41	-370.59	39.86	-2681.05	114.05	-1350.82	752.53
30891	67.98	8.10	10.41	-408.31	26.73	-2229.59	82.81	-1210.31	597.38
30892	68.24	8.70	10.41	-386.78	16.12	-2328.03	110.75	-1208.63	646.86
30893	67.07	8.10	10.41	-384.35	5.08	-1942.86	75.36	-1037.94	498.42
30894	67.35	8.70	10.41	-368.44	-2.68	-2044.82	99.01	-1043.66	535.98
30895	66.16	8.10	10.41	-329.38	-12.92	-1727.34	61.69	-852.83	393.11
30896	66.46	8.70	10.41	-319.99	-17.44	-1832.01	80.54	-864.37	419.41
30897	65.25	8.10	10.41	-252.82	-27.98	-1581.31	44.62	-662.83	283.44
30898	65.57	8.70	10.41	-249.98	-28.16	-1686.99	57.75	-681.34	300.29
30899	64.34	8.10	10.41	-150.10	-35.35	-1500.93	21.48	-467.83	169.25
30900	64.69	8.70	10.41	-154.88	-31.88	-1607.39	28.98	-493.91	178.68
30901	77.98	8.10	8.72	300.25	245.95	-5162.43	-63.24	33.68	736.82
30902	77.99	8.70	8.72	319.52	229.83	-5213.30	-59.86	30.36	910.64
30903	77.04	8.10	8.72	292.82	236.26	-5112.61	-70.70	-210.83	748.76
30904	77.07	8.70	8.72	310.80	220.23	-5160.95	-59.36	-213.44	918.99
30905	76.10	8.10	8.72	268.73	219.46	-4993.58	-73.22	-450.32	765.50
30906	76.15	8.70	8.72	284.38	202.95	-5039.40	-54.90	-450.89	928.48
30907	75.16	8.10	8.72	224.71	196.64	-4805.67	-68.08	-676.58	782.94
30908	75.23	8.70	8.72	238.01	178.88	-4850.82	-44.64	-672.96	934.96
30909	74.22	8.10	8.72	159.61	167.77	-4554.04	-56.58	-877.62	795.86
30910	74.31	8.70	8.72	172.25	148.70	-4601.56	-28.09	-869.13	933.80
30911	73.28	8.10	8.72	77.24	135.30	-4250.34	-38.62	-1042.59	798.98
30912	73.39	8.70	8.72	90.85	116.76	-4303.00	-9.48	-1029.53	922.58
30913	72.34	8.10	8.72	-15.33	101.91	-3908.30	-18.64	-1164.66	788.68
30914	72.48	8.70	8.72	-1.56	82.02	-3969.97	13.43	-1147.44	898.10
30915	71.40	8.10	8.72	-114.99	66.49	-3547.63	1.91	-1236.28	763.80
30916	71.56	8.70	8.72	-96.81	47.65	-3619.95	32.86	-1217.26	857.82
30917	70.45	8.10	8.72	-204.70	33.66	-3188.92	18.94	-1257.98	724.07
30918	70.64	8.70	8.72	-184.99	16.58	-3272.24	47.60	-1239.93	803.26
30919	69.51	8.10	8.72	-282.66	3.05	-2851.41	30.69	-1235.49	670.16
30920	69.72	8.70	8.72	-260.83	-11.78	-2944.54	56.82	-1219.68	736.42
30921	68.57	8.10	8.72	-338.38	-24.48	-2550.58	35.49	-1175.20	604.16
30922	68.80	8.70	8.72	-316.64	-37.11	-2651.79	58.71	-1163.00	658.21
30923	67.63	8.10	8.72	-368.86	-48.87	-2299.21	33.21	-1087.18	528.64
30924	67.88	8.70	8.72	-348.93	-58.71	-2405.12	52.93	-1079.47	572.04
30925	66.69	8.10	8.72	-370.65	-70.64	-2105.76	24.56	-978.85	444.87
30926	66.96	8.70	8.72	-354.57	-77.07	-2212.88	40.87	-975.59	479.81
30927	65.75	8.10	8.72	-339.79	-90.08	-1974.51	9.72	-853.98	353.77
30928	66.04	8.70	8.72	-330.54	-93.21	-2080.47	23.03	-855.40	381.47
30929	64.81	8.10	8.72	-272.98	-105.70	-1894.78	-11.03	-706.79	254.49
30930	65.12	8.70	8.72	-273.01	-105.51	-1999.18	0.32	-717.38	279.05
30931	63.87	8.10	8.72	-217.21	-128.28	-1866.94	-23.50	-559.46	160.48
30932	64.20	8.70	8.72	-221.26	-123.95	-1970.41	-18.91	-578.40	180.30
30933	77.96	8.10	7.03	243.97	84.26	-4338.89	-54.69	37.47	703.03
30934	77.97	8.70	7.03	251.96	61.25	-4395.40	-52.80	36.67	833.64
30935	76.99	8.10	7.03	234.40	77.48	-4297.71	-54.23	-166.34	708.62
30936	77.02	8.70	7.03	241.66	54.22	-4353.39	-47.00	-164.76	836.73
30937	76.02	8.10	7.03	208.02	65.28	-4205.11	-51.32	-363.60	714.73
30938	76.07	8.70	7.03	214.71	41.91	-4261.37	-39.25	-359.05	837.78
30939	75.05	8.10	7.03	164.93	48.12	-4063.89	-45.48	-546.96	719.18
30940	75.12	8.70	7.03	171.58	25.01	-4122.47	-29.33	-539.18	835.08
30941	74.08	8.10	7.03	106.46	27.23	-3879.63	-36.54	-709.28	719.45
30942	74.17	8.70	7.03	113.69	4.75	-3942.43	-17.83	-698.21	826.80
30943	73.11	8.10	7.03	35.20	3.69	-3660.32	-25.76	-844.15	713.27
30944	73.22	8.70	7.03	43.72	-18.13	-3729.41	-5.09	-830.16	810.81
30945	72.14	8.10	7.03	-45.13	-21.53	-3417.32	-14.23	-945.94	698.62
30946	72.27	8.70	7.03	-34.07	-41.69	-3494.12	6.46	-930.14	785.75
30947	71.17	8.10	7.03	-128.09	-46.56	-3163.35	-4.26	-1012.64	674.18
30948	71.32	8.70	7.03	-114.75	-65.07	-3248.84	16.09	-996.19	751.19
30949	70.20	8.10	7.03	-209.86	-70.87	-2911.86	2.66	-1044.38	639.67
30950	70.37	8.70	7.03	-193.46	-87.53	-3006.09	21.74	-1028.49	706.76
30951	69.23	8.10	7.03	-284.27	-93.59	-2675.81	5.19	-1044.22	595.29
30952	69.42	8.70	7.03	-265.18	-107.61	-2777.87	21.90	-1029.93	652.97
30953	68.25	8.10	7.03	-348.42	-114.76	-2466.93	2.34	-1018.36	541.66
30954	68.47	8.70	7.03	-326.94	-126.17	-2575.21	16.31	-1005.70	590.40
30955	67.28	8.10	7.03	-399.54	-134.21	-2295.54	-6.58	-974.39	479.68
30956	67.52	8.70	7.03	-375.93	-142.61	-2407.17	3.64	-963.16	520.37
30957	66.31	8.10	7.03	-434.99	-153.46	-2172.51	-21.20	-921.58	409.95
30958	66.57	8.70	7.03	-409.51	-157.82	-2283.31	-15.60	-909.76	443.59
30959	65.34	8.10	7.03	-447.48	-175.99	-2112.38	-41.94	-869.39	333.35
30960	65.62	8.70	7.03	-422.39	-175.65	-2215.48	-40.89	-853.37	359.47
30961	64.37	8.10	7.03	-412.46	-207.67	-2142.86	-70.92	-815.54	252.04
30962	64.67	8.70	7.03	-396.23	-201.93	-2226.25	-72.72	-797.47	270.73
30963	63.40	8.10	7.03	-206.68	-225.27	-2161.04	-131.18	-631.58	124.69
30964	63.72	8.70	7.03	-222.09	-222.60	-2239.25	-114.42	-636.75	166.25
30965	77.95	8.10	5.34	167.73	-62.36	-3687.30	-48.01	41.61	638.38
30966	77.96	8.70	5.34	167.74	-88.82	-3751.95	-47.00	42.22	742.01
30967	76.95	8.10	5.34	158.33	-67.47	-3654.62	-43.08	-128.28	640.96
30968	76.98	8.70	5.34	158.16	-93.89	-3719.35	-38.53	-125.29	743.12
30969	75.95	8.10	5.34	134.16	-76.55	-3584.73	-37.23	-291.84	642.90
30970	76.00	8.70	5.34	134.18	-102.63	-3650.91	-29.52	-286.38	741.95
30971	74.95	8.10	5.34	95.77	-89.08	-3480.31	-30.32	-443.50	643.06
30972	75.02	8.70	5.34	96.43	-114.53	-3549.42	-20.08	-435.61	737.61
30973	73.94	8.10	5.34	44.52	-104.42	-3345.98	-22.72	-577.99	640.15
30974	74.03	8.70	5.34	46.40	-128.91	-3419.51	-10.58	-567.94	729.03
30975	72.94	8.10	5.34	-17.36	-121.77	-3188.37	-15.06	-690.71	632.81
30976	73.05	8.70	5.34	-13.62	-144.84	-3267.64	-1.94	-679.10	715.29
30977	71.94	8.10	5.34	-86.80	-140.10	-3015.51	-8.51	-778.54	619.99
30978	72.07	8.70	5.34	-80.74	-161.53	-3101.56	4.95	-766.10	695.59
30979	70.94	8.10	5.34	-160.80	-158.66	-2836.51	-4.20	-839.74	600.93
30980	71.09	8.70	5.34	-151.75	-178.00	-2929.87	8.64	-827.39	669.42
30981	69.94	8.10	5.34	-236.06	-176.43	-2660.77	-3.50	-874.66	575.17
30982	70.11	8.70	5.34	-223.63	-193.39	-2761.40	7.90	-863.25	636.63
30983	68.94	8.10	5.34	-310.97	-192.93	-2497.23	-7.45	-885.55	542.40
30984	69.13	8.70	5.34	-294.34	-206.91	-2604.48	1.49	-875.64	597.20
30985	67.94	8.10	5.34	-385.14	-208.23	-2353.84	-16.96	-876.79	502.53
30986	68.14	8.70	5.34	-363.41	-219.24	-2466.71	-11.39	-868.26	550.73
30987	66.93	8.10	5.34	-461.84	-222.43	-2237.47	-32.76	-855.28	455.48

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]
30988	67.16	8.70	5.34	-432.81	-230.22	-2354.05	-32.57	-847.57	497.46
30989	65.93	8.10	5.34	-549.47	-237.77	-2154.97	-53.72	-831.95	400.51
30990	66.18	8.70	5.34	-508.27	-240.59	-2272.56	-63.12	-822.09	436.42
30991	64.93	8.10	5.34	-664.44	-263.08	-2117.39	-75.78	-827.98	337.78
30992	65.20	8.70	5.34	-605.90	-255.76	-2232.13	-103.25	-809.05	364.33
30993	63.93	8.10	5.34	-831.23	-332.45	-2162.79	-92.29	-891.07	258.79
30994	64.22	8.70	5.34	-749.53	-295.53	-2252.21	-152.11	-843.28	278.31
30995	62.93	8.10	5.34	-1099.42	-539.97	-2717.23	-111.28	-1226.36	211.42
30996	63.24	8.70	5.34	-1011.78	-485.29	-2666.34	-249.92	-1104.56	144.19
30997	86.37	9.28	17.16	-209.05	-535.64	-394.87	-258.81	459.49	279.66
30998	87.07	9.26	17.16	40.25	-350.49	-277.29	-177.86	248.42	166.43
30999	87.78	9.23	17.16	177.75	-221.33	-204.95	-132.45	102.27	96.39
31000	86.44	9.85	17.16	-86.83	-404.25	-341.69	-151.86	334.85	202.86
31001	87.07	9.77	17.16	79.08	-277.89	-259.12	-110.67	183.03	122.23
31002	87.68	9.68	17.16	175.54	-187.01	-200.26	-91.98	71.64	70.32
31003	86.52	10.41	17.16	-4.02	-287.46	-298.08	-65.42	220.61	125.81
31004	87.05	10.27	17.16	100.48	-212.19	-239.68	-55.20	118.68	80.03
31005	87.58	10.13	17.16	167.29	-153.31	-195.04	-54.41	33.34	45.20
31006	78.83	9.50	17.16	-2309.51	-2298.13	-12245.80	105.16	-147.17	-4299.80
31007	79.59	9.50	17.16	-2728.08	-2404.37	-15237.20	192.13	-2011.73	-2079.76
31008	80.35	9.49	17.16	-2473.03	-2406.57	-17812.30	283.61	631.21	-77.67
31009	81.11	9.47	17.16	-2740.02	-2411.88	-18897.40	260.09	1262.74	483.97
31010	81.87	9.46	17.16	-2994.99	-2810.32	-21908.20	45.37	2200.35	1199.91
31011	82.63	9.44	17.16	-7739.89	-3758.69	-14235.70	-2050.33	9685.82	1559.67
31012	83.38	9.41	17.16	-3647.33	-3483.99	-4785.41	-1616.49	4031.94	2817.17
31013	84.14	9.38	17.16	-2565.76	-2224.76	-2419.77	-1333.29	2737.28	1737.83
31014	84.89	9.35	17.16	-1403.92	-1264.85	-1120.21	-715.31	1466.95	812.45
31015	85.64	9.31	17.16	-654.37	-812.24	-627.50	-408.61	811.71	448.90
31016	78.84	10.50	17.16	-3713.16	-2178.27	-22781.10	40.14	402.32	1069.44
31017	79.62	10.49	17.16	-3538.38	-2377.14	-22885.20	169.26	618.64	1225.11
31018	80.40	10.46	17.16	-3349.42	-2842.75	-23967.60	162.96	1308.47	1661.00
31019	81.18	10.42	17.16	-5628.93	-5399.12	-19139.20	-1880.76	6269.80	4857.87
31020	81.95	10.37	17.16	-4219.34	-8134.69	-14656.30	-2343.01	3309.33	9921.42
31021	82.72	10.31	17.16	-5878.74	-5522.04	-8737.26	-3279.73	7403.79	6348.22
31022	83.49	10.23	17.16	-2853.54	-2177.51	-2645.42	-1142.49	2921.79	1796.81
31023	84.25	10.15	17.16	-1525.46	-1511.74	-1365.71	-673.94	1594.89	1062.06
31024	85.01	10.05	17.16	-860.43	-959.18	-797.01	-416.82	985.71	612.47
31025	85.76	9.94	17.16	-381.66	-605.63	-493.88	-236.16	575.53	334.09
31026	78.85	11.50	17.16	-3904.67	-9345.14	-14497.40	-343.54	429.86	11041.40
31027	79.65	11.48	17.16	-3903.68	-9422.82	-14687.40	-789.49	928.69	11252.40
31028	80.45	11.43	17.16	-3914.83	-9651.60	-15005.70	-1593.96	2076.43	11908.20
31029	81.25	11.37	17.16	-5116.11	-6682.71	-9389.57	-2806.33	6395.53	7711.59
31030	82.04	11.29	17.16	-2686.26	-3390.25	-3323.48	-1005.56	2672.91	3107.49
31031	82.82	11.18	17.16	-1851.26	-2705.85	-2260.78	-993.45	1837.64	2375.63
31032	83.60	11.06	17.16	-1709.22	-1696.77	-1578.86	-746.02	1754.49	1492.79
31033	84.37	10.92	17.16	-979.84	-969.85	-893.13	-320.43	1023.67	706.08
31034	85.13	10.75	17.16	-500.43	-639.86	-578.57	-168.94	623.60	395.04
31035	85.88	10.57	17.16	-194.05	-417.55	-400.78	-95.82	373.64	216.19
31036	78.86	12.50	17.16	-1839.33	-3616.52	-2777.06	-113.75	170.46	3516.94
31037	79.68	12.47	17.16	-1841.08	-3584.23	-2744.30	-256.38	445.92	3527.75
31038	80.50	12.41	17.16	-1830.74	-3323.29	-2361.32	-444.38	1045.79	3143.71
31039	81.31	12.32	17.16	-1686.29	-2706.99	-2137.98	-617.76	1154.98	2598.64
31040	82.12	12.20	17.16	-1726.82	-1901.39	-1788.66	-525.36	1440.98	1833.62
31041	82.92	12.06	17.16	-1195.98	-1256.35	-1169.68	-234.44	981.19	1071.09
31042	83.71	11.88	17.16	-831.97	-895.73	-838.72	-165.37	739.86	707.42
31043	84.49	11.68	17.16	-572.69	-583.69	-614.20	-81.94	571.91	417.72
31044	85.25	11.46	17.16	-286.31	-376.46	-440.28	-10.94	358.56	209.80
31045	86.00	11.20	17.16	-79.54	-255.78	-325.26	4.35	200.22	101.97
31046	78.87	13.50	17.16	-1299.06	-1105.57	-1225.07	0.65	81.16	1089.40
31047	79.71	13.46	17.16	-1254.03	-1090.14	-1184.84	16.92	199.65	1044.89
31048	80.55	13.38	17.16	-1166.17	-1030.66	-1129.57	6.34	295.87	967.24
31049	81.38	13.27	17.16	-1078.25	-896.68	-997.32	-3.37	418.24	813.98
31050	82.20	13.12	17.16	-913.25	-701.74	-833.86	8.73	433.95	612.04
31051	83.01	12.93	17.16	-742.89	-514.18	-690.20	44.68	418.01	406.96
31052	83.81	12.71	17.16	-514.20	-368.95	-539.13	80.44	311.38	233.20
31053	84.60	12.45	17.16	-321.22	-267.71	-415.55	80.53	218.41	124.09
31054	85.37	12.16	17.16	-160.92	-188.87	-314.23	74.11	129.47	48.05
31055	86.12	11.84	17.16	-25.17	-135.79	-230.57	57.38	39.70	6.01
31056	78.88	14.50	17.16	-921.75	-171.44	-405.46	29.96	5.80	-8.97
31057	79.74	14.45	17.16	-870.31	-177.24	-396.25	81.07	-0.09	-8.85
31058	80.59	14.36	17.16	-793.32	-181.26	-373.80	117.28	0.74	-12.74
31059	81.44	14.22	17.16	-692.97	-175.79	-342.15	136.28	-0.05	-20.20
31060	82.28	14.04	17.16	-584.04	-159.05	-297.50	144.26	1.33	-33.96
31061	83.11	13.81	17.16	-457.94	-135.63	-239.97	145.46	-12.54	-51.68
31062	83.92	13.54	17.16	-329.60	-114.51	-181.30	137.55	-37.64	-64.13
31063	84.71	13.22	17.16	-204.48	-96.93	-124.79	119.54	-74.53	-66.00
31064	85.49	12.87	17.16	-97.71	-81.57	-74.63	92.22	-109.95	-56.29
31065	86.24	12.47	17.16	-10.86	-66.88	-31.47	61.75	-143.16	-38.71
31066	89.84	9.32	17.16	164.49	0.14	29.43	-88.02	-199.91	96.78
31067	89.35	9.94	17.16	157.69	-6.70	35.48	-71.09	-206.49	81.00
31068	88.82	10.54	17.16	145.96	-14.91	41.76	-53.01	-211.89	62.04
31069	89.15	9.28	17.16	224.77	-59.93	-84.42	-92.71	-112.18	44.16
31070	88.80	9.82	17.16	206.65	-57.23	-80.96	-69.46	-119.22	34.42
31071	88.43	10.34	17.16	183.13	-55.73	-74.68	-47.00	-126.64	24.35
31072	88.47	9.23	17.16	233.87	-128.57	-152.48	-106.15	-18.09	51.32
31073	88.26	9.70	17.16	216.47	-115.80	-151.14	-78.35	-31.40	36.93
31074	88.03	10.15	17.16	192.04	-103.46	-144.06	-52.33	-41.95	25.26
31075	86.95	12.04	17.16	54.43	-54.17	0.49	29.86	-171.11	-15.99
31076	86.79	11.50	17.16	66.32	-103.88	-170.44	31.25	-27.40	-8.95
31077	86.64	10.96	17.16	47.74	-184.19	-253.72	-0.38	94.52	46.43
31078	87.61	11.58	17.16	98.99	-41.87	21.46	-1.02	-192.54	11.03
31079	87.38	11.15	17.16	121.93	-83.35	-126.23	3.97	-74.56	-3.72
31080	87.16	10.73	17.16	117.80	-145.20	-203.96	-13.74	29.03	26.76
31081	88.24	11.08	17.16	127.20	-28.28	39.38	-28.86	-205.59	39.78
31082	87.95	10.79	17.16	156.10	-65.20	-86.91	-22.31	-110.99	9.80
31083	87.67	10.49	17.16	162.71	-114.79	-161.19	-31.54	-26.31	21.13
31084	86.70	9.30	15.47	-1079.39	-256.29	-1316.03	-564.40	1343.67	749.28
31085	87.44	9.27	15.47	-780.98	-140.72	-965.76	-443.66	923.58	540.74
31086	88.18	9.24	15.47	-528.53	-48.31	-727.44	-337.53	602.60	397.13

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]
31087	86.80	9.90	15.47	-880.06	-186.20	-1154.52	-513.59	1093.00	650.93
31088	87.44	9.82	15.47	-655.89	-96.49	-900.52	-407.11	787.73	487.57
31089	88.08	9.72	15.47	-463.04	-24.55	-707.89	-317.21	543.81	370.23
31090	86.88	10.50	15.47	-680.42	-113.33	-1013.40	-450.33	864.04	544.73
31091	87.43	10.36	15.47	-527.61	-50.68	-832.30	-367.28	657.16	430.32
31092	87.98	10.20	15.47	-387.69	1.14	-683.45	-294.22	479.53	339.97
31093	78.85	9.53	15.47	-1910.14	-153.07	-12238.00	185.14	20.63	-384.18
31094	79.64	9.53	15.47	-1236.93	-205.31	-12585.80	530.22	221.22	-104.32
31095	80.44	9.52	15.47	-817.26	-265.50	-12946.30	430.88	606.94	397.74
31096	81.23	9.50	15.47	-749.69	-178.22	-12824.40	392.77	1673.79	1174.36
31097	82.02	9.49	15.47	-434.79	8.93	-11097.20	159.46	3017.22	1934.59
31098	82.81	9.46	15.47	-31.21	-323.27	-9548.35	212.26	3243.06	2609.47
31099	83.60	9.44	15.47	-1828.88	-679.12	-7394.19	-528.04	4354.45	2406.18
31100	84.38	9.41	15.47	-1892.62	-625.68	-4612.88	-810.09	3539.01	1962.43
31101	85.16	9.37	15.47	-1760.42	-537.15	-2917.74	-817.85	2683.05	1453.49
31102	85.95	9.33	15.47	-1422.17	-387.78	-1897.18	-692.93	1913.51	1032.86
31103	78.86	10.60	15.47	-1195.30	773.61	-12890.10	30.32	333.34	2250.82
31104	79.68	10.59	15.47	-946.99	562.13	-12941.90	193.38	703.27	2549.92
31105	80.50	10.56	15.47	-510.73	316.85	-12280.90	187.96	1715.35	3039.82
31106	81.31	10.52	15.47	-223.80	300.49	-11480.40	550.38	2235.75	3306.01
31107	82.12	10.46	15.47	-768.66	473.54	-9601.91	-33.51	3679.84	2891.07
31108	82.92	10.39	15.47	-762.59	-114.45	-7267.54	-662.77	3464.38	2896.95
31109	83.72	10.31	15.47	-1837.19	-784.89	-5260.26	-1095.94	3631.38	2590.29
31110	84.52	10.22	15.47	-1731.68	-630.70	-3367.27	-976.55	2822.37	1832.96
31111	85.30	10.12	15.47	-1449.87	-453.19	-2246.92	-812.57	2094.60	1282.35
31112	86.08	10.00	15.47	-1150.89	-300.97	-1563.05	-648.34	1515.93	894.79
31113	78.87	11.67	15.47	-659.63	390.03	-10553.20	-69.14	418.51	4620.15
31114	79.71	11.65	15.47	-460.00	324.62	-10337.00	-93.33	1006.76	4591.26
31115	80.55	11.60	15.47	-142.00	288.27	-9405.32	-319.91	1977.09	4285.60
31116	81.39	11.53	15.47	-309.56	-572.50	-8381.42	-595.04	2376.39	4335.29
31117	82.21	11.44	15.47	-1317.22	-1479.27	-7023.88	-1109.50	3181.71	4174.57
31118	83.03	11.33	15.47	-1401.74	-1181.13	-5044.29	-1250.48	3051.76	3164.46
31119	83.84	11.19	15.47	-1347.54	-788.06	-3498.96	-1123.98	2558.80	2208.93
31120	84.65	11.04	15.47	-1303.38	-559.41	-2460.74	-947.06	2060.12	1540.09
31121	85.44	10.87	15.47	-1101.08	-355.58	-1760.02	-741.54	1565.85	1061.36
31122	86.22	10.68	15.47	-870.33	-207.16	-1299.38	-570.20	1155.68	737.16
31123	78.88	12.74	15.47	-468.45	-2220.37	-6472.45	-167.56	355.78	4930.63
31124	79.75	12.71	15.47	-399.03	-2203.00	-6306.71	-388.70	865.60	4817.40
31125	80.61	12.64	15.47	-404.61	-2139.00	-5891.83	-714.82	1422.13	4520.80
31126	81.46	12.55	15.47	-594.39	-1779.16	-4977.28	-1050.33	1949.99	3797.22
31127	82.30	12.42	15.47	-727.55	-1339.46	-3892.88	-1084.24	1998.07	2939.02
31128	83.14	12.26	15.47	-889.52	-1033.02	-3054.81	-1063.13	1906.01	2254.62
31129	83.96	12.08	15.47	-913.05	-691.14	-2367.32	-947.97	1690.84	1650.39
31130	84.77	11.86	15.47	-845.73	-415.91	-1811.13	-777.56	1401.14	1162.89
31131	85.57	11.62	15.47	-736.51	-232.17	-1388.33	-612.33	1107.58	811.55
31132	86.35	11.35	15.47	-590.58	-106.44	-1070.98	-467.67	838.03	568.29
31133	78.89	13.81	15.47	-37.80	-1629.22	-3189.76	-134.99	217.58	2772.78
31134	79.78	13.77	15.47	-39.87	-1579.35	-3103.69	-316.27	502.05	2685.91
31135	80.66	13.69	15.47	-75.30	-1440.58	-2919.33	-519.02	782.62	2486.39
31136	81.53	13.56	15.47	-170.12	-1205.85	-2666.39	-681.46	995.15	2182.10
31137	82.39	13.40	15.47	-304.28	-912.60	-2340.44	-758.16	1120.72	1796.56
31138	83.24	13.20	15.47	-386.85	-629.43	-1964.50	-731.04	1110.27	1396.60
31139	84.08	12.96	15.47	-433.21	-401.55	-1616.90	-660.29	1022.58	1050.57
31140	84.90	12.69	15.47	-428.16	-217.05	-1310.52	-557.73	887.35	764.54
31141	85.70	12.37	15.47	-381.21	-86.68	-1044.98	-446.89	726.05	543.21
31142	86.48	12.03	15.47	-309.92	-4.37	-820.68	-347.35	561.34	385.54
31143	78.90	14.88	15.47	315.43	-577.54	-1576.21	-68.42	112.89	1144.30
31144	79.80	14.83	15.47	312.92	-548.50	-1544.49	-160.64	243.84	1106.01
31145	80.70	14.73	15.47	293.66	-488.72	-1480.51	-253.25	368.97	1030.66
31146	81.59	14.58	15.47	246.42	-395.50	-1380.36	-333.14	478.95	914.48
31147	82.47	14.39	15.47	175.77	-280.73	-1248.80	-380.31	553.05	766.05
31148	83.34	14.14	15.47	97.10	-166.89	-1094.46	-386.53	581.55	604.16
31149	84.18	13.85	15.47	35.66	-70.51	-925.83	-358.76	560.00	450.36
31150	85.01	13.51	15.47	-4.11	2.28	-758.91	-314.09	500.99	321.39
31151	85.82	13.13	15.47	-19.47	52.45	-603.15	-261.84	417.61	222.40
31152	86.61	12.70	15.47	-13.13	80.62	-462.68	-211.81	321.03	154.57
31153	90.32	9.34	15.47	50.43	95.56	-90.52	-123.25	-48.13	192.86
31154	89.82	10.00	15.47	55.31	95.30	-109.52	-123.44	-23.95	164.57
31155	89.28	10.64	15.47	58.49	95.87	-132.34	-123.54	9.13	134.73
31156	89.61	9.29	15.47	-119.61	75.34	-344.52	-169.93	134.75	233.84
31157	89.25	9.87	15.47	-107.21	78.35	-354.05	-170.32	145.01	219.64
31158	88.87	10.43	15.47	-93.65	81.18	-361.44	-171.03	158.18	203.52
31159	88.90	9.25	15.47	-307.16	24.57	-540.09	-243.16	342.60	296.07
31160	88.68	9.74	15.47	-277.52	34.84	-541.15	-236.45	328.84	282.81
31161	88.46	10.22	15.47	-248.43	45.52	-534.40	-230.60	319.07	269.10
31162	87.34	12.24	15.47	3.54	94.19	-347.23	-172.05	226.35	117.29
31163	87.18	11.67	15.47	-237.87	43.20	-651.86	-272.37	421.40	287.08
31164	87.01	11.09	15.47	-462.70	-31.04	-860.25	-366.09	633.72	421.03
31165	88.03	11.75	15.47	24.12	96.95	-256.11	-145.03	141.49	106.68
31166	87.79	11.30	15.47	-174.34	65.63	-525.90	-222.90	310.65	235.03
31167	87.55	10.85	15.47	-363.31	10.31	-716.06	-301.42	492.45	340.75
31168	88.69	11.22	15.47	46.77	97.16	-178.09	-128.57	67.12	112.38
31169	88.38	10.90	15.47	-115.67	79.14	-414.46	-186.55	214.43	203.36
31170	88.08	10.59	15.47	-272.24	38.58	-589.59	-251.11	368.85	285.59
31171	87.04	9.32	13.78	-794.48	25.21	-2126.72	-417.98	1600.55	895.87
31172	87.81	9.29	13.78	-667.99	52.97	-1675.91	-361.32	1261.18	719.90
31173	88.57	9.26	13.78	-515.70	80.30	-1338.00	-297.01	961.35	575.46
31174	87.15	9.96	13.78	-674.47	32.55	-1933.08	-425.28	1399.87	846.47
31175	87.82	9.87	13.78	-567.87	60.07	-1594.85	-361.63	1139.63	688.62
31176	88.48	9.77	13.78	-449.33	83.39	-1324.01	-299.26	906.68	556.76
31177	87.25	10.60	13.78	-533.12	43.62	-1759.95	-412.04	1204.28	768.38
31178	87.82	10.44	13.78	-457.81	67.82	-1515.92	-353.78	1019.11	641.31
31179	88.38	10.27	13.78	-373.52	86.65	-1311.05	-297.29	845.17	527.70
31180	78.86	9.57	13.78	-233.63	622.27	-9693.94	-34.48	410.80	1139.84
31181	79.69	9.56	13.78	-195.01	623.77	-9551.74	35.41	707.89	1202.19
31182	80.52	9.55	13.78	-55.46	607.75	-9291.27	145.43	1148.06	1359.56
31183	81.34	9.54	13.78	76.64	519.71	-8733.72	118.73	1682.05	1525.48
31184	82.17	9.52	13.78	-109.79	336.57	-7974.69	52.96	2123.65	1646.20
31185	82.99	9.49	13.78	-421.49	291.41	-6888.97	-183.73	2482.91	1617.30

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]
31186	83.81	9.46	13.78	-343.77	221.00	-5754.70	-240.68	2500.87	1586.23
31187	84.63	9.43	13.78	-687.52	64.44	-4695.29	-355.30	2559.12	1491.41
31188	85.44	9.39	13.78	-838.31	11.21	-3621.10	-434.86	2322.24	1316.69
31189	86.25	9.35	13.78	-867.24	4.67	-2760.02	-451.09	1971.23	1098.08
31190	78.88	10.71	13.78	0.85	565.58	-9274.21	-53.60	414.83	2384.76
31191	79.74	10.69	13.78	67.16	545.77	-9026.53	-27.73	886.23	2401.56
31192	80.59	10.66	13.78	48.95	460.38	-8635.11	-51.52	1322.24	2422.66
31193	81.44	10.61	13.78	-15.70	309.13	-7937.04	-283.95	1850.71	2363.73
31194	82.28	10.55	13.78	-99.42	89.39	-7057.84	-335.67	2147.34	2281.72
31195	83.12	10.48	13.78	-416.94	14.16	-6066.84	-359.26	2419.85	2099.20
31196	83.95	10.39	13.78	-458.41	54.72	-4981.59	-451.82	2409.47	1869.36
31197	84.78	10.30	13.78	-698.02	-7.89	-3985.87	-536.57	2320.23	1605.53
31198	85.60	10.19	13.78	-781.47	-15.80	-3097.10	-534.32	2038.62	1312.11
31199	86.41	10.06	13.78	-755.92	5.11	-2414.13	-486.85	1705.37	1048.98
31200	78.89	11.85	13.78	213.34	20.98	-7864.46	-114.06	404.27	3171.26
31201	79.78	11.82	13.78	206.99	-12.81	-7605.95	-200.66	899.68	3104.13
31202	80.65	11.76	13.78	92.07	-116.04	-7192.29	-283.29	1304.93	3017.60
31203	81.52	11.69	13.78	10.29	-52.37	-6576.06	-378.59	1703.71	2802.42
31204	82.39	11.59	13.78	3.70	79.62	-5785.84	-478.60	1966.23	2491.93
31205	83.24	11.47	13.78	-279.01	-28.54	-4952.12	-569.63	2139.79	2213.46
31206	84.09	11.33	13.78	-493.93	-99.14	-4081.27	-635.73	2118.26	1893.32
31207	84.92	11.17	13.78	-596.45	-73.09	-3289.03	-622.88	1949.71	1540.95
31208	85.75	10.98	13.78	-632.01	-32.46	-2634.47	-565.58	1705.24	1219.82
31209	86.56	10.78	13.78	-598.31	10.96	-2118.20	-485.03	1433.94	953.30
31210	78.90	12.99	13.78	388.91	-300.69	-5988.34	-134.52	336.09	3240.44
31211	79.81	12.95	13.78	353.24	-284.13	-5810.94	-270.91	747.03	3132.35
31212	80.71	12.88	13.78	283.01	-260.05	-5469.71	-399.13	1119.23	2938.08
31213	81.60	12.77	13.78	163.29	-306.49	-5035.36	-498.53	1405.20	2724.40
31214	82.49	12.64	13.78	-25.98	-335.96	-4505.98	-626.45	1638.11	2446.81
31215	83.36	12.47	13.78	-185.61	-260.18	-3873.84	-678.43	1728.45	2067.73
31216	84.22	12.27	13.78	-318.88	-177.10	-3253.33	-666.38	1682.66	1681.74
31217	85.06	12.04	13.78	-402.28	-99.55	-2707.17	-614.51	1551.41	1337.92
31218	85.89	11.78	13.78	-427.25	-29.01	-2244.93	-535.17	1371.79	1045.67
31219	86.70	11.50	13.78	-407.97	24.46	-1863.05	-447.85	1171.84	808.07
31220	78.92	14.13	13.78	502.56	-684.37	-4277.73	-122.55	250.68	2655.78
31221	79.84	14.08	13.78	467.84	-648.14	-4182.44	-266.36	552.81	2570.03
31222	80.76	13.99	13.78	397.48	-587.12	-3993.64	-398.16	827.96	2408.21
31223	81.68	13.86	13.78	293.90	-494.97	-3704.55	-508.40	1055.09	2167.94
31224	82.58	13.69	13.78	171.38	-387.09	-3351.75	-574.18	1198.09	1880.42
31225	83.47	13.47	13.78	37.31	-277.38	-2981.53	-600.07	1264.69	1580.30
31226	84.34	13.21	13.78	-73.51	-166.67	-2608.21	-579.25	1255.28	1283.63
31227	85.19	12.92	13.78	-151.00	-72.92	-2252.55	-526.27	1181.76	1013.70
31228	86.03	12.59	13.78	-192.53	-1.11	-1930.22	-456.50	1066.39	784.56
31229	86.84	12.22	13.78	-200.20	49.58	-1645.68	-382.14	927.84	598.77
31230	78.92	15.27	13.78	658.97	-444.43	-3243.76	-82.61	177.88	1504.91
31231	79.87	15.22	13.78	633.17	-416.96	-3191.70	-187.67	373.94	1454.23
31232	80.81	15.11	13.78	581.72	-365.38	-3086.50	-283.95	555.45	1358.23
31233	81.74	14.95	13.78	503.19	-294.19	-2931.33	-361.52	708.92	1222.42
31234	82.66	14.74	13.78	403.68	-211.04	-2730.36	-411.92	822.54	1056.49
31235	83.57	14.48	13.78	296.97	-125.83	-2494.22	-430.51	885.22	876.21
31236	84.45	14.16	13.78	194.60	-48.18	-2240.33	-420.64	897.31	699.07
31237	85.32	13.80	13.78	109.50	16.44	-1982.79	-387.98	863.96	537.28
31238	86.16	13.39	13.78	47.77	64.21	-1733.15	-342.01	794.34	400.26
31239	86.97	12.94	13.78	10.17	95.38	-1500.83	-291.82	699.70	291.95
31240	90.81	9.36	13.78	-15.66	111.15	-645.67	-135.89	218.47	199.93
31241	90.30	10.07	13.78	-10.40	113.97	-735.77	-145.29	263.84	176.31
31242	89.74	10.74	13.78	-4.83	117.41	-838.46	-156.91	319.09	154.21
31243	90.07	9.31	13.78	-179.29	110.92	-847.75	-178.96	451.61	329.47
31244	89.70	9.92	13.78	-158.60	110.51	-908.74	-190.84	473.06	315.58
31245	89.31	10.52	13.78	-135.18	110.13	-976.31	-202.67	497.36	299.71
31246	89.32	9.26	13.78	-347.35	99.75	-1074.91	-232.72	691.04	447.83
31247	89.11	9.79	13.78	-308.55	100.32	-1103.92	-241.00	681.95	436.35
31248	88.88	10.30	13.78	-268.08	100.63	-1131.79	-248.73	676.14	421.05
31249	87.74	12.45	13.78	-7.57	113.20	-1296.84	-245.06	596.97	216.10
31250	87.56	11.83	13.78	-188.07	81.25	-1419.72	-317.90	795.38	466.18
31251	87.38	11.22	13.78	-366.40	59.86	-1590.05	-374.78	997.37	642.89
31252	88.45	11.92	13.78	-12.59	120.05	-1120.35	-206.85	497.17	171.50
31253	88.19	11.44	13.78	-167.43	98.16	-1242.65	-268.44	678.92	380.31
31254	87.94	10.96	13.78	-321.43	81.17	-1397.07	-320.92	861.39	536.49
31255	89.13	11.36	13.78	-7.44	121.56	-963.94	-176.46	400.66	147.95
31256	88.81	11.02	13.78	-139.61	107.86	-1084.47	-226.77	568.22	315.18
31257	88.49	10.69	13.78	-271.18	94.80	-1226.83	-274.24	732.82	451.70
31258	87.38	9.34	12.09	-483.25	102.31	-2512.68	-286.53	1503.75	850.12
31259	88.18	9.31	12.09	-451.93	92.40	-2124.64	-264.30	1284.22	719.06
31260	88.97	9.27	12.09	-387.77	87.85	-1816.09	-233.76	1061.69	595.52
31261	87.50	10.01	12.09	-421.35	77.65	-2386.21	-314.83	1373.15	830.10
31262	88.19	9.91	12.09	-391.57	77.51	-2086.31	-282.67	1195.32	700.49
31263	88.88	9.81	12.09	-342.03	78.59	-1838.40	-247.43	1017.86	580.97
31264	87.61	10.69	12.09	-343.12	55.38	-2280.82	-327.32	1235.05	773.22
31265	88.20	10.52	12.09	-323.43	63.62	-2059.20	-292.88	1102.19	661.27
31266	88.79	10.35	12.09	-290.82	69.60	-1870.14	-257.01	966.34	554.63
31267	78.88	9.60	12.09	250.37	527.17	-7643.50	-57.23	358.66	1370.72
31268	79.74	9.60	12.09	243.62	508.31	-7488.74	-31.97	711.68	1384.32
31269	80.60	9.58	12.09	221.00	466.82	-7202.19	-44.05	1052.21	1405.32
31270	81.46	9.57	12.09	152.70	411.64	-6803.93	-63.93	1360.67	1423.05
31271	82.32	9.55	12.09	90.65	364.95	-6276.36	-116.26	1640.36	1418.44
31272	83.17	9.52	12.09	-8.38	281.73	-5649.82	-143.81	1851.44	1402.06
31273	84.02	9.49	12.09	-209.81	216.79	-4949.17	-211.99	1969.83	1341.31
31274	84.87	9.46	12.09	-299.95	186.71	-4239.39	-255.35	1947.61	1241.38
31275	85.72	9.42	12.09	-406.75	146.24	-3590.54	-283.99	1865.55	1119.35
31276	86.56	9.37	12.09	-469.24	119.06	-3001.72	-294.48	1706.27	984.13
31277	78.90	10.81	12.09	376.35	389.51	-7239.34	-85.46	362.86	2042.77
31278	79.79	10.79	12.09	335.26	368.96	-7069.98	-114.40	734.49	2011.78
31279	80.68	10.75	12.09	296.66	334.81	-6753.64	-156.76	1091.81	1960.86
31280	81.57	10.70	12.09	217.24	292.33	-6315.57	-173.23	1394.71	1900.75
31281	82.45	10.64	12.09	91.92	259.72	-5768.90	-239.52	1644.62	1808.60
31282	83.32	10.56	12.09	-14.46	210.42	-5140.07	-310.33	1799.56	1671.96
31283	84.18	10.47	12.09	-187.75	143.64	-4492.28	-341.12	1862.84	1507.37
31284	85.04	10.37	12.09	-286.63	114.40	-3860.82	-356.34	1819.67	1335.00

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]
31285	85.89	10.25	12.09	-375.12	92.01	-3287.87	-359.33	1716.43	1157.59
31286	86.73	10.12	12.09	-419.77	81.10	-2782.30	-342.56	1554.26	980.90
31287	78.91	12.02	12.09	469.42	110.33	-6394.79	-102.92	334.49	2464.38
31288	79.84	11.99	12.09	421.87	106.02	-6245.23	-172.31	695.68	2407.95
31289	80.75	11.93	12.09	367.61	104.44	-5962.97	-247.01	1032.76	2305.13
31290	81.66	11.85	12.09	266.36	67.44	-5562.14	-323.21	1318.29	2162.73
31291	82.56	11.74	12.09	111.54	14.51	-5078.52	-377.82	1522.41	1988.19
31292	83.45	11.62	12.09	-1.37	20.59	-4544.77	-415.35	1635.47	1777.10
31293	84.33	11.47	12.09	-125.19	29.61	-4003.68	-428.30	1673.67	1551.75
31294	85.20	11.29	12.09	-235.08	29.52	-3481.12	-426.56	1631.54	1329.62
31295	86.05	11.10	12.09	-307.35	36.11	-3005.14	-404.37	1526.50	1117.25
31296	86.89	10.88	12.09	-341.55	45.97	-2590.87	-366.86	1380.62	922.50
31297	78.93	13.23	12.09	530.19	-246.67	-5381.88	-110.04	288.86	2473.87
31298	79.88	13.19	12.09	487.07	-236.27	-5265.28	-210.72	610.35	2406.05
31299	80.82	13.11	12.09	411.04	-224.07	-5050.24	-300.56	895.90	2286.74
31300	81.75	13.00	12.09	312.48	-184.67	-4744.30	-381.19	1134.71	2109.57
31301	82.67	12.85	12.09	202.99	-136.86	-4371.65	-429.98	1304.40	1894.16
31302	83.58	12.67	12.09	73.72	-108.73	-3969.41	-461.21	1405.03	1668.81
31303	84.47	12.46	12.09	-46.48	-77.23	-3555.04	-468.22	1436.13	1436.29
31304	85.35	12.22	12.09	-142.07	-41.65	-3151.06	-449.76	1401.30	1206.70
31305	86.21	11.95	12.09	-207.78	-8.31	-2778.75	-413.39	1315.71	994.13
31306	87.05	11.64	12.09	-241.56	19.91	-2448.20	-365.72	1196.79	805.51
31307	78.94	14.44	12.09	579.33	-417.87	-4546.42	-99.57	238.22	2079.54
31308	79.91	14.39	12.09	542.81	-395.32	-4468.15	-204.34	495.02	2017.51
31309	80.87	14.30	12.09	477.70	-357.75	-4318.20	-296.70	725.44	1905.49
31310	81.83	14.15	12.09	387.40	-312.68	-4110.91	-369.90	915.93	1755.96
31311	82.77	13.97	12.09	279.35	-258.21	-3855.46	-423.17	1060.99	1575.37
31312	83.69	13.74	12.09	168.82	-193.95	-3562.40	-448.48	1149.37	1372.30
31313	84.60	13.47	12.09	63.84	-130.66	-3253.72	-447.80	1180.52	1164.76
31314	85.49	13.15	12.09	-24.51	-72.69	-2946.94	-425.01	1161.65	966.34
31315	86.36	12.80	12.09	-89.47	-23.08	-2654.08	-386.44	1101.98	785.69
31316	87.20	12.41	12.09	-129.60	16.22	-2382.99	-339.55	1012.82	628.08
31317	78.95	15.66	12.09	603.02	-379.92	-4235.28	-76.72	195.07	1441.52
31318	79.94	15.60	12.09	575.50	-357.69	-4180.82	-165.85	388.34	1397.17
31319	80.92	15.48	12.09	524.11	-318.89	-4072.67	-244.88	565.13	1316.77
31320	81.89	15.31	12.09	452.39	-266.50	-3913.83	-308.49	716.15	1205.31
31321	82.85	15.09	12.09	365.97	-205.58	-3712.08	-352.05	832.40	1071.44
31322	83.80	14.81	12.09	272.14	-141.69	-3478.04	-373.88	909.31	925.15
31323	84.72	14.48	12.09	180.59	-79.64	-3222.38	-374.08	944.72	775.84
31324	85.62	14.09	12.09	99.01	-24.82	-2956.74	-356.01	940.68	633.33
31325	86.50	13.66	12.09	33.10	19.77	-2691.88	-324.87	902.97	505.34
31326	87.34	13.18	12.09	-14.56	53.09	-2436.84	-286.57	838.63	396.07
31327	91.29	9.38	12.09	-74.98	84.90	-1303.37	-124.75	406.88	209.63
31328	90.77	10.13	12.09	-72.26	88.36	-1451.71	-138.35	457.96	200.99
31329	90.20	10.84	12.09	-67.74	91.42	-1613.94	-154.99	515.94	197.02
31330	90.52	9.33	12.09	-191.80	81.97	-1412.56	-163.23	620.87	344.26
31331	90.15	9.98	12.09	-174.24	80.06	-1526.24	-178.65	644.04	336.93
31332	89.75	10.61	12.09	-153.79	78.22	-1650.57	-193.83	669.05	330.00
31333	89.75	9.28	12.09	-297.83	83.04	-1583.29	-198.70	836.74	470.74
31334	89.53	9.83	12.09	-267.64	78.16	-1653.95	-212.94	829.62	461.77
31335	89.30	10.37	12.09	-234.64	73.47	-1729.67	-225.77	824.90	449.43
31336	88.13	12.66	12.09	-43.88	75.28	-2201.89	-247.10	760.63	311.33
31337	87.95	12.00	12.09	-148.26	43.84	-2155.89	-294.07	917.08	507.75
31338	87.76	11.35	12.09	-249.28	40.67	-2198.28	-321.05	1078.03	664.04
31339	88.87	12.10	12.09	-60.18	87.84	-1987.87	-211.42	678.44	251.55
31340	88.60	11.58	12.09	-153.69	61.94	-1967.99	-254.86	825.61	422.88
31341	88.34	11.08	12.09	-242.87	55.95	-2013.99	-283.82	975.56	565.43
31342	89.57	11.50	12.09	-65.11	93.86	-1790.76	-179.44	593.09	210.26
31343	89.23	11.14	12.09	-148.44	74.34	-1795.85	-218.59	732.41	353.81
31344	88.90	10.79	12.09	-227.19	66.77	-1848.49	-248.50	872.04	482.19
31345	87.72	9.35	10.41	-321.96	62.12	-2672.90	-213.10	1335.44	758.69
31346	88.54	9.32	10.41	-324.38	46.87	-2386.75	-201.19	1191.73	656.62
31347	89.37	9.29	10.41	-302.48	37.26	-2155.66	-183.67	1033.33	555.48
31348	87.85	10.06	10.41	-289.08	32.13	-2634.93	-241.23	1247.07	749.42
31349	88.57	9.96	10.41	-289.54	28.08	-2408.70	-221.39	1127.76	645.97
31350	89.28	9.86	10.41	-273.57	26.30	-2219.65	-198.42	1000.26	547.27
31351	87.97	10.78	10.41	-246.84	5.80	-2620.67	-257.79	1149.75	709.56
31352	88.58	10.60	10.41	-249.67	11.86	-2446.41	-234.54	1059.04	618.80
31353	89.19	10.42	10.41	-241.61	16.70	-2295.71	-209.62	960.97	530.64
31354	78.90	9.64	10.41	366.64	354.00	-6218.83	-66.91	312.39	1307.86
31355	79.79	9.63	10.41	339.60	344.09	-6100.16	-74.09	602.73	1297.43
31356	80.69	9.62	10.41	294.68	323.09	-5892.03	-82.09	874.31	1286.36
31357	81.58	9.60	10.41	236.07	293.91	-5595.42	-100.14	1120.36	1269.34
31358	82.47	9.58	10.41	149.61	254.10	-5224.51	-120.69	1322.90	1242.85
31359	83.35	9.55	10.41	48.04	217.70	-4799.26	-153.78	1469.05	1197.00
31360	84.24	9.52	10.41	-43.86	177.78	-4343.39	-178.56	1556.20	1133.73
31361	85.12	9.48	10.41	-153.17	136.52	-3879.25	-201.44	1583.65	1055.04
31362	86.00	9.44	10.41	-233.23	106.31	-3430.09	-214.96	1544.11	962.29
31363	86.87	9.39	10.41	-291.46	81.20	-3022.23	-218.33	1457.17	860.30
31364	78.92	10.92	10.41	424.79	209.41	-5949.37	-80.83	302.57	1728.87
31365	79.85	10.89	10.41	394.20	203.69	-5830.90	-115.19	604.72	1698.26
31366	80.78	10.85	10.41	334.84	186.97	-5615.79	-147.73	878.84	1650.53
31367	81.70	10.80	10.41	257.02	162.67	-5316.53	-188.01	1114.78	1580.21
31368	82.61	10.73	10.41	165.28	131.86	-4949.86	-218.38	1301.21	1489.03
31369	83.51	10.65	10.41	53.87	103.51	-4540.92	-241.99	1427.34	1384.29
31370	84.41	10.55	10.41	-43.59	83.88	-4111.45	-263.62	1491.50	1264.90
31371	85.30	10.44	10.41	-142.11	63.54	-3686.89	-272.89	1497.28	1133.31
31372	86.18	10.32	10.41	-215.01	49.16	-3286.47	-270.58	1447.65	998.59
31373	87.05	10.18	10.41	-265.14	38.63	-2926.33	-258.53	1358.32	865.97
31374	78.93	12.20	10.41	461.64	-19.06	-5480.95	-90.48	282.15	1961.32
31375	79.90	12.16	10.41	427.79	-16.16	-5377.95	-151.09	570.79	1915.46
31376	80.86	12.10	10.41	363.05	-19.10	-5185.18	-205.46	829.89	1836.84
31377	81.80	12.01	10.41	279.07	-18.61	-4919.67	-250.42	1045.17	1730.19
31378	82.74	11.90	10.41	186.28	-13.91	-4598.00	-288.75	1212.49	1598.83
31379	83.66	11.76	10.41	77.10	-17.74	-4240.64	-314.08	1323.05	1450.18
31380	84.58	11.60	10.41	-23.88	-18.25	-3870.15	-325.84	1372.73	1291.84
31381	85.48	11.42	10.41	-111.04	-13.64	-3507.73	-322.34	1370.37	1130.96
31382	86.36	11.21	10.41	-179.56	-7.64	-3167.32	-307.58	1323.15	974.32
31383	87.23	10.98	10.41	-225.24	-0.73	-2858.86	-283.64	1241.20	826.69

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]
31384	78.95	13.48	10.41	478.78	-240.25	-4973.81	-91.31	253.48	1944.16
31385	79.94	13.43	10.41	444.56	-228.06	-4894.75	-166.79	508.19	1894.75
31386	80.92	13.35	10.41	384.98	-209.34	-4743.04	-234.45	737.80	1805.82
31387	81.90	13.23	10.41	303.51	-190.25	-4530.97	-288.40	929.77	1685.77
31388	82.85	13.07	10.41	206.95	-168.23	-4273.64	-328.55	1076.02	1541.59
31389	83.80	12.88	10.41	109.67	-137.92	-3986.00	-349.92	1171.95	1379.79
31390	84.73	12.66	10.41	16.56	-106.77	-3686.03	-354.25	1217.95	1211.61
31391	85.64	12.40	10.41	-65.41	-77.56	-3388.46	-343.96	1218.69	1045.91
31392	86.53	12.11	10.41	-129.76	-50.72	-3104.30	-321.51	1180.85	888.52
31393	87.40	11.79	10.41	-173.77	-27.69	-2841.63	-290.66	1112.79	743.47
31394	78.96	14.76	10.41	474.62	-379.38	-4635.04	-83.31	222.31	1699.45
31395	79.98	14.70	10.41	445.10	-361.87	-4576.98	-161.95	434.85	1655.26
31396	80.98	14.60	10.41	392.01	-332.61	-4463.88	-231.04	627.27	1575.59
31397	81.98	14.45	10.41	320.90	-292.08	-4301.84	-286.59	790.74	1465.18
31398	82.96	14.25	10.41	238.20	-244.89	-4100.88	-324.36	917.30	1332.54
31399	83.92	14.01	10.41	149.96	-196.51	-3873.20	-344.47	1004.06	1187.50
31400	84.86	13.72	10.41	64.94	-148.47	-3629.21	-347.20	1050.52	1037.54
31401	85.79	13.39	10.41	-10.31	-103.35	-3379.42	-334.66	1058.84	889.92
31402	86.69	13.01	10.41	-71.25	-63.60	-3133.18	-310.36	1034.09	750.88
31403	87.56	12.60	10.41	-115.09	-30.51	-2897.30	-278.44	982.83	624.61
31404	78.97	16.04	10.41	452.31	-352.22	-4628.80	-68.22	195.82	1350.26
31405	80.00	15.98	10.41	429.50	-334.40	-4583.22	-138.36	367.36	1314.45
31406	81.03	15.86	10.41	387.41	-303.56	-4491.04	-200.41	524.71	1250.53
31407	82.04	15.68	10.41	329.41	-262.71	-4356.54	-250.37	660.76	1163.11
31408	83.04	15.44	10.41	260.36	-214.99	-4185.25	-285.62	770.12	1057.52
31409	84.03	15.14	10.41	186.24	-164.09	-3984.08	-304.59	848.72	940.11
31410	84.99	14.79	10.41	112.86	-114.36	-3761.49	-307.72	895.16	818.14
31411	85.92	14.38	10.41	45.81	-69.02	-3526.01	-296.96	910.56	698.30
31412	86.83	13.92	10.41	-10.72	-30.43	-3285.59	-275.46	898.02	586.11
31413	87.71	13.41	10.41	-54.44	0.21	-3047.27	-246.98	861.89	485.43
31414	91.78	9.40	10.41	-116.83	37.25	-1841.00	-103.14	523.21	235.04
31415	91.24	10.19	10.41	-116.70	40.59	-2018.45	-117.14	571.88	242.46
31416	90.66	10.95	10.41	-114.06	42.85	-2206.59	-134.16	623.59	256.22
31417	90.98	9.35	10.41	-194.91	30.24	-1885.97	-135.18	691.80	343.59
31418	90.60	10.03	10.41	-182.35	28.81	-2031.51	-149.64	714.20	347.16
31419	90.19	10.69	10.41	-167.11	27.40	-2186.38	-164.00	737.26	353.36
31420	90.18	9.29	10.41	-258.48	30.21	-1990.18	-161.34	861.95	450.07
31421	89.96	9.88	10.41	-237.65	25.09	-2094.19	-175.12	857.58	448.24
31422	89.72	10.45	10.41	-213.73	20.73	-2204.51	-187.46	855.00	445.27
31423	88.53	12.86	10.41	-83.55	21.94	-2819.83	-215.91	810.89	401.94
31424	88.33	12.17	10.41	-141.19	-6.24	-2691.22	-245.48	920.63	523.82
31425	88.13	11.48	10.41	-196.23	-10.07	-2635.03	-260.27	1036.40	630.81
31426	89.29	12.27	10.41	-101.76	35.91	-2605.16	-186.15	751.98	336.43
31427	89.01	11.73	10.41	-155.11	10.90	-2513.08	-215.27	856.54	448.21
31428	88.73	11.19	10.41	-204.49	3.76	-2476.79	-233.14	965.64	549.07
31429	90.01	11.64	10.41	-109.88	43.64	-2400.88	-157.71	686.66	285.37
31430	89.66	11.26	10.41	-159.14	23.47	-2345.60	-185.85	787.28	383.89
31431	89.31	10.89	10.41	-204.15	14.37	-2331.69	-206.06	890.45	477.87
31432	88.06	9.37	8.72	-254.25	-14.24	-2742.24	-165.76	1182.79	677.56
31433	88.91	9.34	8.72	-266.95	-24.25	-2544.60	-156.05	1085.54	596.42
31434	89.76	9.30	8.72	-261.61	-29.42	-2387.00	-142.31	972.77	515.30
31435	88.20	10.12	8.72	-236.82	-37.98	-2777.82	-186.97	1120.27	677.04
31436	88.95	10.01	8.72	-246.50	-38.62	-2616.93	-171.68	1039.18	594.84
31437	89.68	9.90	8.72	-243.49	-37.27	-2482.53	-153.88	948.66	515.76
31438	88.33	10.87	8.72	-213.75	-56.66	-2836.37	-199.62	1050.59	654.97
31439	88.97	10.69	8.72	-222.91	-49.52	-2704.32	-181.79	989.13	582.23
31440	89.59	10.49	8.72	-223.73	-43.20	-2588.63	-162.80	920.01	511.30
31441	78.92	9.67	8.72	336.98	170.94	-5196.11	-66.27	268.43	1171.43
31442	79.84	9.66	8.72	311.21	165.49	-5112.77	-78.40	507.09	1158.87
31443	80.77	9.65	8.72	268.70	152.64	-4962.45	-92.42	728.44	1140.29
31444	81.70	9.63	8.72	209.09	133.26	-4753.59	-107.39	923.28	1114.35
31445	82.62	9.61	8.72	138.18	110.61	-4496.41	-124.66	1084.71	1078.83
31446	83.54	9.58	8.72	59.14	84.82	-4203.22	-140.02	1207.11	1033.63
31447	84.45	9.54	8.72	-25.45	59.85	-3889.65	-154.97	1284.49	977.97
31448	85.36	9.50	8.72	-101.29	37.11	-3572.47	-165.60	1316.51	912.13
31449	86.27	9.46	8.72	-169.73	15.75	-3266.80	-171.42	1307.17	838.14
31450	87.18	9.41	8.72	-221.40	-1.34	-2984.43	-171.30	1259.40	758.02
31451	78.94	11.02	8.72	360.45	39.59	-5077.80	-74.78	262.44	1460.88
31452	79.91	10.99	8.72	331.34	38.12	-4996.75	-105.82	503.62	1434.48
31453	80.87	10.95	8.72	283.28	31.74	-4847.94	-135.37	723.73	1390.82
31454	81.83	10.89	8.72	218.04	21.79	-4641.10	-160.61	913.52	1331.86
31455	82.77	10.82	8.72	140.05	10.31	-4389.98	-183.23	1064.67	1259.09
31456	83.71	10.73	8.72	58.39	-1.89	-4109.03	-200.97	1173.75	1173.09
31457	84.64	10.63	8.72	-25.47	-14.38	-3814.46	-211.12	1238.03	1077.79
31458	85.56	10.52	8.72	-99.81	-23.93	-3520.91	-214.80	1259.04	976.85
31459	86.48	10.39	8.72	-163.10	-31.29	-3241.40	-211.19	1241.67	872.81
31460	87.38	10.24	8.72	-209.42	-35.93	-2985.49	-200.76	1191.15	769.10
31461	78.96	12.37	8.72	367.08	-124.60	-4869.22	-79.30	248.65	1612.66
31462	79.96	12.33	8.72	337.77	-119.81	-4799.08	-126.01	478.31	1577.81
31463	80.96	12.26	8.72	288.08	-114.88	-4667.10	-167.77	686.05	1517.89
31464	81.94	12.17	8.72	221.57	-110.57	-4482.73	-203.06	863.44	1435.88
31465	82.91	12.05	8.72	143.04	-106.44	-4259.01	-228.96	1002.33	1336.47
31466	83.87	11.90	8.72	62.13	-99.48	-4010.27	-245.31	1099.87	1224.70
31467	84.82	11.74	8.72	-17.36	-91.55	-3750.15	-251.63	1156.22	1105.39
31468	85.75	11.54	8.72	-88.51	-82.99	-3491.04	-248.75	1172.84	983.40
31469	86.67	11.33	8.72	-146.76	-73.76	-3243.57	-237.31	1154.91	863.05
31470	87.57	11.08	8.72	-189.42	-64.70	-3015.05	-219.21	1108.65	747.84
31471	78.97	13.72	8.72	356.68	-273.37	-4676.36	-78.24	229.76	1603.08
31472	80.01	13.67	8.72	330.03	-262.54	-4620.68	-134.49	436.38	1566.22
31473	81.03	13.58	8.72	282.76	-246.81	-4512.43	-183.63	623.41	1501.07
31474	82.04	13.45	8.72	220.00	-225.93	-4359.76	-223.30	782.62	1411.95
31475	83.04	13.29	8.72	147.77	-201.55	-4172.62	-251.20	908.40	1304.54
31476	84.02	13.09	8.72	71.12	-176.36	-3962.27	-267.06	997.59	1185.33
31477	84.98	12.85	8.72	-2.83	-150.52	-3739.55	-270.72	1049.91	1060.14
31478	85.92	12.58	8.72	-68.66	-125.07	-3514.42	-263.43	1067.67	934.41
31479	86.85	12.27	8.72	-122.74	-101.38	-3295.01	-247.32	1055.16	812.75
31480	87.75	11.93	8.72	-162.71	-80.59	-3087.25	-224.78	1017.63	698.28
31481	78.98	15.07	8.72	331.44	-350.05	-4609.71	-71.43	209.96	1464.80
31482	80.04	15.01	8.72	308.84	-335.90	-4566.83	-129.20	387.30	1431.03

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]
31483	81.09	14.90	8.72	268.19	-312.64	-4480.09	-179.93	549.25	1370.63
31484	82.13	14.74	8.72	213.22	-282.63	-4355.07	-220.38	688.80	1288.12
31485	83.14	14.53	8.72	148.96	-247.80	-4198.68	-248.78	801.11	1188.69
31486	84.15	14.28	8.72	81.32	-210.02	-4018.57	-264.02	883.20	1077.89
31487	85.13	13.97	8.72	15.33	-172.18	-3822.97	-266.62	934.51	961.79
31488	86.08	13.62	8.72	-44.40	-136.52	-3619.52	-258.14	956.55	845.77
31489	87.01	13.23	8.72	-94.29	-104.57	-3414.77	-240.83	952.31	734.13
31490	87.92	12.79	8.72	-132.09	-77.32	-3213.88	-217.43	925.88	630.07
31491	78.99	16.43	8.72	292.26	-333.05	-4734.20	-60.73	193.06	1285.86
31492	80.07	16.36	8.72	274.68	-318.68	-4699.74	-113.87	341.78	1256.49
31493	81.14	16.23	8.72	242.14	-294.41	-4626.28	-160.90	479.19	1204.61
31494	82.19	16.04	8.72	197.59	-262.13	-4516.98	-198.87	599.87	1133.35
31495	83.23	15.79	8.72	144.77	-224.61	-4376.35	-225.68	699.52	1046.96
31496	84.25	15.47	8.72	87.94	-184.87	-4209.84	-240.46	775.44	950.40
31497	85.25	15.10	8.72	31.53	-145.56	-4023.35	-243.45	826.47	848.63
31498	86.23	14.67	8.72	-20.54	-109.14	-3822.90	-235.93	853.06	746.41
31499	87.17	14.19	8.72	-65.25	-77.50	-3614.26	-220.00	857.05	647.99
31500	88.08	13.65	8.72	-100.71	-51.62	-3402.66	-198.19	841.16	556.58
31501	92.26	9.42	8.72	-148.05	-17.25	-2223.47	-77.70	591.44	267.54
31502	91.72	10.25	8.72	-150.61	-14.10	-2410.53	-90.20	634.23	287.88
31503	91.12	11.05	8.72	-150.52	-12.29	-2604.51	-105.47	676.86	314.89
31504	91.43	9.37	8.72	-200.19	-27.31	-2230.03	-103.70	718.32	348.79
31505	91.05	10.08	8.72	-192.66	-27.63	-2389.73	-115.60	738.63	363.17
31506	90.63	10.78	8.72	-182.87	-28.00	-2555.87	-127.75	758.34	381.11
31507	90.60	9.31	8.72	-239.31	-31.45	-2282.80	-124.71	846.18	431.52
31508	90.38	9.92	8.72	-225.85	-34.69	-2406.67	-135.68	844.33	438.57
31509	90.15	10.52	8.72	-209.59	-36.97	-2535.58	-145.63	843.48	446.11
31510	88.92	13.07	8.72	-124.86	-32.69	-3195.30	-173.80	811.11	477.23
31511	88.72	12.33	8.72	-156.10	-57.01	-3032.72	-192.61	887.70	544.20
31512	88.51	11.61	8.72	-185.88	-64.54	-2919.09	-202.18	969.51	607.53
31513	89.71	12.45	8.72	-140.32	-19.82	-2994.40	-149.73	771.88	410.57
31514	89.42	11.87	8.72	-170.14	-42.30	-2870.86	-169.21	844.90	476.55
31515	89.12	11.30	8.72	-197.19	-52.02	-2786.20	-181.40	922.07	539.77
31516	90.45	11.78	8.72	-147.45	-12.28	-2798.26	-125.97	725.09	354.71
31517	90.09	11.38	8.72	-176.05	-31.13	-2715.31	-145.90	795.82	417.00
31518	89.72	10.98	8.72	-201.57	-42.05	-2661.99	-160.31	869.30	479.22
31519	88.40	9.39	7.03	-237.08	-98.53	-2761.09	-131.11	1065.45	622.00
31520	89.28	9.35	7.03	-250.57	-101.25	-2634.40	-120.70	1000.00	557.67
31521	90.16	9.32	7.03	-249.79	-99.94	-2537.04	-107.13	919.71	492.87
31522	88.55	10.17	7.03	-228.04	-113.39	-2853.08	-143.83	1021.31	632.44
31523	89.32	10.06	7.03	-238.22	-109.27	-2744.37	-129.95	966.39	566.41
31524	90.09	9.94	7.03	-238.36	-103.63	-2654.29	-114.20	901.99	502.31
31525	88.70	10.96	7.03	-215.23	-122.25	-2964.75	-150.16	970.86	627.58
31526	89.35	10.77	7.03	-223.89	-113.43	-2866.61	-135.14	929.41	567.59
31527	90.00	10.57	7.03	-226.14	-105.13	-2779.40	-119.46	880.58	508.84
31528	78.93	9.71	7.03	253.59	2.59	-4435.55	-62.87	235.74	1033.48
31529	79.90	9.70	7.03	231.63	-0.08	-4377.99	-76.98	432.48	1021.67
31530	80.86	9.68	7.03	194.34	-7.27	-4273.22	-90.54	614.88	1003.44
31531	81.81	9.66	7.03	144.56	-17.93	-4127.27	-103.86	776.70	978.48
31532	82.77	9.63	7.03	84.86	-31.23	-3948.31	-116.15	912.36	946.54
31533	83.72	9.60	7.03	19.30	-45.61	-3746.36	-127.25	1017.36	907.20
31534	84.67	9.57	7.03	-46.81	-60.20	-3532.13	-135.64	1089.70	860.68
31535	85.61	9.53	7.03	-110.20	-73.76	-3316.46	-140.81	1128.53	807.61
31536	86.55	9.48	7.03	-164.79	-84.96	-3109.67	-141.86	1134.97	748.86
31537	87.49	9.43	7.03	-208.04	-93.43	-2920.70	-138.46	1112.30	685.63
31538	78.96	11.12	7.03	254.50	-104.67	-4443.79	-68.46	232.81	1257.26
31539	79.96	11.09	7.03	231.36	-103.55	-4388.73	-94.71	430.84	1235.78
31540	80.96	11.05	7.03	191.46	-104.76	-4285.76	-118.37	612.25	1200.44
31541	81.95	10.99	7.03	138.47	-107.62	-4142.59	-138.96	770.05	1152.42
31542	82.94	10.91	7.03	76.75	-111.33	-3968.54	-155.17	899.22	1093.28
31543	83.91	10.82	7.03	10.36	-114.92	-3774.26	-166.36	996.04	1025.27
31544	84.87	10.71	7.03	-54.68	-117.47	-3570.46	-172.28	1059.52	950.29
31545	85.83	10.59	7.03	-114.81	-118.89	-3367.32	-172.38	1090.39	870.57
31546	86.77	10.46	7.03	-165.36	-118.66	-3173.52	-167.07	1091.07	788.51
31547	87.70	10.31	7.03	-203.98	-116.81	-2995.92	-156.69	1065.49	706.17
31548	78.98	12.54	7.03	242.34	-220.06	-4420.21	-70.64	224.91	1382.23
31549	80.02	12.50	7.03	219.66	-214.33	-4372.47	-106.46	414.23	1355.10
31550	81.06	12.43	7.03	180.21	-207.46	-4280.13	-138.02	586.85	1308.34
31551	82.08	12.33	7.03	127.93	-199.25	-4150.65	-163.58	735.77	1244.85
31552	83.09	12.20	7.03	67.72	-189.72	-3992.90	-182.23	856.36	1167.88
31553	84.08	12.05	7.03	4.05	-179.42	-3816.47	-193.18	945.76	1080.97
31554	85.06	11.87	7.03	-57.68	-168.18	-3630.87	-196.39	1003.32	987.86
31555	86.03	11.67	7.03	-113.42	-156.29	-3444.70	-192.29	1030.65	892.00
31556	86.98	11.44	7.03	-159.78	-144.17	-3264.95	-181.93	1030.49	796.40
31557	87.91	11.19	7.03	-194.54	-132.41	-3096.90	-166.57	1006.88	703.52
31558	78.99	13.97	7.03	218.30	-308.02	-4429.99	-68.62	213.67	1399.59
31559	80.07	13.91	7.03	197.69	-298.55	-4391.11	-109.55	386.18	1371.00
31560	81.14	13.81	7.03	161.55	-284.26	-4312.87	-145.29	543.75	1320.52
31561	82.19	13.68	7.03	113.49	-266.22	-4201.07	-173.68	680.20	1251.56
31562	83.22	13.50	7.03	57.92	-245.39	-4062.89	-193.40	791.02	1168.24
31563	84.24	13.29	7.03	-0.19	-222.63	-3906.02	-203.80	873.88	1074.91
31564	85.24	13.04	7.03	-56.51	-199.31	-3738.07	-205.27	928.39	975.96
31565	86.21	12.76	7.03	-107.18	-176.52	-3565.90	-198.70	955.81	875.34
31566	87.17	12.43	7.03	-149.20	-155.13	-3395.22	-185.52	958.75	776.39
31567	88.10	12.08	7.03	-180.71	-135.90	-3230.40	-167.50	940.68	681.62
31568	79.00	15.39	7.03	184.17	-341.97	-4526.30	-62.71	201.37	1334.72
31569	80.11	15.32	7.03	166.92	-330.61	-4495.36	-104.04	352.55	1307.58
31570	81.20	15.21	7.03	136.08	-312.33	-4429.36	-140.14	491.67	1259.47
31571	82.27	15.04	7.03	94.78	-288.43	-4332.30	-168.77	613.50	1193.51
31572	83.33	14.82	7.03	46.79	-260.71	-4209.29	-188.44	714.17	1113.59
31573	84.37	14.54	7.03	-3.96	-231.15	-4066.04	-198.64	791.43	1024.04
31574	85.39	14.22	7.03	-53.46	-201.44	-3908.32	-199.65	844.61	929.06
31575	86.38	13.85	7.03	-98.34	-173.12	-3741.60	-192.52	874.46	832.59
31576	87.34	13.44	7.03	-136.02	-147.45	-3570.73	-178.82	882.90	737.98
31577	88.28	12.98	7.03	-164.72	-125.18	-3399.58	-160.50	872.63	647.89
31578	79.01	16.81	7.03	141.78	-320.49	-4722.03	-54.42	190.32	1242.57
31579	80.13	16.74	7.03	128.46	-308.92	-4697.33	-92.79	319.66	1217.80
31580	81.24	16.61	7.03	104.07	-289.95	-4639.77	-126.63	440.08	1174.47
31581	82.34	16.40	7.03	70.83	-265.16	-4551.86	-153.77	547.40	1115.04



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]
31582	83.42	16.14	7.03	31.60	-236.42	-4436.94	-172.72	638.32	1042.65
31583	84.48	15.81	7.03	-10.40	-205.77	-4299.00	-182.82	710.64	960.89
31584	85.52	15.42	7.03	-52.03	-175.35	-4142.40	-184.21	763.30	873.56
31585	86.53	14.96	7.03	-90.42	-146.98	-3971.58	-177.81	796.42	784.30
31586	87.50	14.45	7.03	-123.35	-122.08	-3790.79	-165.07	811.07	696.42
31587	88.44	13.89	7.03	-149.38	-101.44	-3603.95	-147.79	809.00	612.61
31588	92.75	9.44	7.03	-173.25	-74.21	-2482.99	-51.09	632.45	300.01
31589	92.19	10.32	7.03	-178.59	-71.12	-2670.16	-61.12	668.45	330.00
31590	91.59	11.15	7.03	-181.60	-69.33	-2861.33	-73.62	702.12	366.25
31591	91.89	9.38	7.03	-209.02	-86.56	-2466.63	-72.11	728.89	361.86
31592	91.50	10.14	7.03	-205.91	-85.68	-2630.78	-80.82	746.08	385.18
31593	91.07	10.87	7.03	-201.11	-84.82	-2798.72	-90.12	761.67	412.03
31594	91.03	9.32	7.03	-235.92	-95.48	-2481.95	-90.63	825.92	426.51
31595	90.81	9.97	7.03	-227.86	-96.42	-2616.60	-98.00	825.20	441.80
31596	90.57	10.60	7.03	-217.59	-96.32	-2754.45	-104.91	824.62	458.18
31597	89.32	13.27	7.03	-166.76	-86.17	-3416.98	-128.53	794.01	537.39
31598	89.10	12.50	7.03	-182.88	-108.46	-3241.06	-141.12	850.80	571.46
31599	88.88	11.74	7.03	-199.27	-120.89	-3093.60	-149.51	911.34	605.07
31600	90.13	12.62	7.03	-177.34	-75.57	-3232.12	-109.40	769.69	471.17
31601	89.82	12.01	7.03	-193.29	-96.28	-3095.47	-122.80	823.13	508.78
31602	89.52	11.42	7.03	-208.60	-109.43	-2982.30	-132.91	879.94	546.33
31603	90.90	11.92	7.03	-181.25	-69.29	-3048.05	-90.33	737.64	412.93
31604	90.51	11.50	7.03	-197.31	-86.85	-2952.89	-104.51	788.94	452.07
31605	90.14	11.08	7.03	-212.55	-100.09	-2876.32	-116.14	843.00	492.52
31606	88.73	9.41	5.34	-252.89	-188.34	-2739.52	-108.99	986.72	592.01
31607	89.65	9.37	5.34	-263.11	-184.14	-2672.34	-96.22	945.62	542.27
31608	90.56	9.33	5.34	-260.83	-176.33	-2627.58	-80.46	889.69	490.81
31609	88.90	10.23	5.34	-248.36	-196.18	-2877.28	-112.91	957.61	616.22
31610	89.70	10.11	5.34	-255.10	-187.07	-2813.19	-98.35	922.00	562.47
31611	90.49	9.99	5.34	-253.30	-176.66	-2762.25	-82.23	876.45	509.07
31612	89.06	11.05	5.34	-240.78	-196.56	-3032.48	-111.53	921.46	628.14
31613	89.73	10.85	5.34	-245.70	-185.35	-2964.02	-97.32	894.13	576.43
31614	90.40	10.64	5.34	-245.27	-174.19	-2902.47	-82.70	859.27	525.04
31615	78.95	9.74	5.34	157.31	-145.40	-3838.78	-59.30	210.27	909.17
31616	79.95	9.73	5.34	138.35	-146.54	-3800.05	-73.57	375.07	899.59
31617	80.94	9.71	5.34	106.55	-150.33	-3727.97	-87.06	529.02	884.57
31618	81.93	9.69	5.34	64.02	-156.30	-3627.54	-99.36	667.04	864.25
31619	82.92	9.66	5.34	13.73	-163.61	-3505.14	-110.09	785.00	838.68
31620	83.90	9.63	5.34	-40.89	-171.43	-3368.19	-118.56	879.94	808.01
31621	84.88	9.59	5.34	-96.27	-178.76	-3224.75	-124.24	949.93	772.46
31622	85.85	9.55	5.34	-148.32	-184.80	-3082.90	-126.45	994.50	732.38
31623	86.83	9.51	5.34	-193.76	-188.83	-2950.13	-124.75	1014.27	688.24
31624	87.79	9.45	5.34	-229.33	-190.11	-2832.80	-118.78	1010.71	640.55
31625	78.98	11.23	5.34	141.29	-236.35	-3943.08	-63.43	210.97	1107.25
31626	80.02	11.20	5.34	121.84	-234.04	-3906.14	-85.72	377.57	1090.24
31627	81.06	11.15	5.34	88.96	-232.33	-3835.55	-105.76	531.68	1062.30
31628	82.08	11.08	5.34	45.53	-230.89	-3737.10	-122.51	667.85	1024.64
31629	83.10	11.00	5.34	-4.97	-229.27	-3617.76	-135.27	782.00	978.63
31630	84.11	10.90	5.34	-58.46	-227.01	-3485.20	-143.42	871.66	925.72
31631	85.10	10.79	5.34	-111.21	-223.73	-3347.16	-146.55	935.68	867.48
31632	86.09	10.67	5.34	-159.31	-219.02	-3210.86	-144.64	974.33	805.46
31633	87.06	10.52	5.34	-199.79	-212.74	-3082.48	-137.82	989.01	741.05
31634	88.03	10.37	5.34	-230.12	-204.95	-2966.71	-126.50	981.90	675.58
31635	79.00	12.72	5.34	114.86	-318.22	-4051.73	-64.50	208.10	1237.98
31636	80.08	12.67	5.34	96.26	-312.32	-4019.54	-92.35	369.34	1216.41
31637	81.16	12.59	5.34	64.66	-304.26	-3955.53	-116.73	517.89	1179.59
31638	82.22	12.49	5.34	23.20	-294.29	-3865.14	-136.21	648.36	1129.61
31639	83.26	12.35	5.34	-24.44	-282.63	-3754.73	-149.75	756.90	1068.91
31640	84.29	12.19	5.34	-74.17	-269.46	-3631.14	-156.89	841.30	1000.14
31641	85.31	12.01	5.34	-122.24	-255.17	-3501.00	-157.58	900.86	925.86
31642	86.30	11.79	5.34	-165.22	-240.11	-3370.28	-152.25	936.18	848.50
31643	87.28	11.55	5.34	-200.47	-224.68	-3243.86	-141.64	948.97	770.19
31644	88.24	11.29	5.34	-226.20	-209.55	-3125.26	-126.92	941.68	692.67
31645	79.01	14.21	5.34	80.32	-364.51	-4205.37	-61.97	202.61	1293.01
31646	80.14	14.15	5.34	63.81	-356.06	-4178.82	-91.82	352.14	1269.71
31647	81.24	14.05	5.34	35.64	-343.08	-4122.72	-117.65	490.13	1228.86
31648	82.33	13.90	5.34	-1.29	-326.33	-4041.43	-137.73	611.57	1173.01
31649	83.40	13.72	5.34	-43.47	-306.78	-3940.02	-151.01	712.96	1105.15
31650	84.46	13.50	5.34	-87.31	-285.48	-3823.91	-157.09	792.21	1028.50
31651	85.49	13.24	5.34	-129.32	-263.41	-3698.43	-156.15	848.70	946.24
31652	86.50	12.93	5.34	-166.55	-241.52	-3568.32	-148.93	883.02	861.32
31653	87.49	12.60	5.34	-196.74	-220.60	-3437.52	-136.57	896.76	776.30
31654	88.45	12.22	5.34	-218.44	-201.21	-3308.98	-120.47	892.15	693.19
31655	79.03	15.70	5.34	40.76	-361.51	-4423.65	-56.32	195.66	1280.87
31656	80.17	15.63	5.34	27.19	-352.05	-4402.21	-84.83	328.89	1257.90
31657	81.31	15.51	5.34	3.91	-336.96	-4352.46	-109.48	452.63	1217.34
31658	82.42	15.33	5.34	-26.76	-317.40	-4277.44	-128.53	562.59	1161.61
31659	83.52	15.10	5.34	-61.95	-294.73	-4180.85	-140.92	655.63	1093.67
31660	84.60	14.81	5.34	-98.61	-270.37	-4066.78	-146.26	729.78	1016.72
31661	85.65	14.48	5.34	-133.87	-245.75	-3939.38	-144.81	784.27	934.07
31662	86.68	14.09	5.34	-165.25	-222.12	-3802.57	-137.36	819.38	848.78
31663	87.67	13.65	5.34	-190.82	-200.45	-3659.78	-125.13	836.27	763.56
31664	88.64	13.17	5.34	-209.29	-181.30	-3513.85	-109.56	836.75	680.68
31665	79.03	17.20	5.34	-0.76	-322.07	-4683.22	-49.08	188.35	1225.42
31666	80.20	17.12	5.34	-11.00	-312.69	-4666.27	-74.70	302.94	1203.85
31667	81.35	16.98	5.34	-28.89	-297.84	-4621.04	-97.01	410.51	1166.30
31668	82.49	16.77	5.34	-52.74	-278.64	-4549.45	-114.42	507.67	1114.69
31669	83.61	16.49	5.34	-80.44	-256.53	-4454.02	-125.89	591.72	1051.45
31670	84.71	16.14	5.34	-109.66	-233.09	-4337.71	-130.98	660.79	979.38
31671	85.79	15.73	5.34	-138.09	-209.82	-4203.74	-129.81	713.88	901.42
31672	86.83	15.25	5.34	-163.70	-188.09	-4055.43	-123.08	750.80	820.49
31673	87.84	14.72	5.34	-184.87	-168.96	-3895.96	-111.86	772.13	739.25
31674	88.81	14.12	5.34	-200.57	-152.99	-3728.31	-97.44	778.93	660.01
31675	93.23	9.47	5.34	-192.98	-133.82	-2662.08	-23.97	657.28	328.95
31676	92.67	10.38	5.34	-201.18	-130.91	-2846.20	-30.66	686.40	366.17
31677	92.05	11.25	5.34	-207.85	-128.78	-3032.43	-39.51	712.04	408.81
31678	92.34	9.40	5.34	-223.22	-150.42	-2633.57	-42.71	740.78	383.11
31679	91.95	10.19	5.34	-223.86	-148.78	-2798.66	-47.70	753.96	413.52
31680	91.52	10.96	5.34	-223.53	-146.77	-2965.35	-53.60	764.62	446.91

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]
31681	91.46	9.34	5.34	-247.06	-164.95	-2616.36	-61.92	819.00	437.05
31682	91.23	10.01	5.34	-242.63	-164.11	-2758.42	-65.06	818.03	459.54
31683	90.99	10.67	5.34	-236.73	-161.84	-2901.96	-68.20	816.14	482.97
31684	89.71	13.48	5.34	-209.63	-141.16	-3557.49	-81.92	773.84	587.03
31685	89.49	12.67	5.34	-219.76	-166.80	-3375.00	-93.59	825.83	608.60
31686	89.25	11.87	5.34	-230.12	-185.83	-3199.53	-104.73	875.67	624.62
31687	90.55	12.79	5.34	-213.46	-133.01	-3385.70	-66.85	759.76	520.64
31688	90.23	12.16	5.34	-224.37	-156.32	-3243.97	-78.85	808.28	547.50
31689	89.91	11.53	5.34	-234.87	-174.35	-3107.66	-90.46	855.15	570.41
31690	91.34	12.06	5.34	-211.95	-128.22	-3211.87	-52.04	737.95	460.22
31691	90.94	11.61	5.34	-223.96	-147.95	-3113.25	-64.40	784.01	490.78
31692	90.55	11.18	5.34	-235.36	-164.77	-3018.40	-76.37	828.78	519.43
31693	70.53	9.28	17.16	-254.31	-597.58	-412.11	142.33	-445.33	280.56
31694	69.83	9.26	17.16	-5.77	-416.24	-286.03	62.11	-230.53	160.16
31695	69.12	9.23	17.16	129.80	-293.72	-208.07	21.46	-83.10	85.59
31696	70.46	9.85	17.16	-141.16	-461.28	-352.59	37.77	-316.41	197.67
31697	69.83	9.77	17.16	24.02	-340.27	-264.52	-1.50	-162.96	113.05
31698	69.22	9.68	17.16	119.33	-256.16	-201.35	-16.01	-51.52	58.69
31699	70.38	10.41	17.16	-69.50	-341.11	-303.77	-43.80	-199.67	116.56
31700	69.85	10.27	17.16	35.46	-272.00	-241.81	-52.16	-97.42	68.87
31701	69.32	10.13	17.16	102.78	-219.40	-193.68	-50.16	-12.90	33.15
31702	78.07	9.50	17.16	-2380.08	-2336.08	-12353.00	-11.48	719.37	-4300.75
31703	77.31	9.50	17.16	-2966.02	-2503.12	-15624.70	-163.74	2652.77	-2073.96
31704	76.55	9.49	17.16	-2552.01	-2505.26	-18502.50	-330.83	11.41	-57.75
31705	75.79	9.47	17.16	-2836.28	-2555.99	-19999.50	-329.75	-655.44	530.74
31706	75.03	9.46	17.16	-3104.14	-3041.93	-23613.90	-117.38	-1692.64	1296.10
31707	74.27	9.44	17.16	-7926.28	-4024.33	-15386.60	2098.65	-10121.00	1689.60
31708	73.52	9.41	17.16	-3721.84	-3716.51	-5170.70	1611.11	-4143.94	3065.25
31709	72.76	9.38	17.16	-2654.25	-2358.33	-2606.00	1283.41	-2837.72	1872.04
31710	72.01	9.35	17.16	-1464.93	-1343.41	-1192.57	621.03	-1494.55	855.28
31711	71.26	9.31	17.16	-703.04	-875.76	-661.47	297.54	-809.01	462.38
31712	78.06	10.50	17.16	-3731.38	-2201.25	-22947.30	-125.51	288.55	1082.12
31713	77.28	10.49	17.16	-3587.42	-2448.25	-23403.30	-257.89	58.43	1264.12
31714	76.50	10.46	17.16	-3415.19	-2979.41	-24920.90	-261.44	-678.47	1743.74
31715	75.72	10.42	17.16	-5635.91	-5673.97	-20129.40	1817.86	-6043.24	5187.18
31716	74.95	10.37	17.16	-4300.42	-8632.84	-15693.90	2248.81	-3086.99	10660.60
31717	74.18	10.31	17.16	-6019.06	-5860.68	-9369.68	3287.64	-7740.67	6817.13
31718	73.41	10.23	17.16	-2916.54	-2299.48	-2811.33	1067.31	-2985.51	1895.14
31719	72.65	10.15	17.16	-1583.05	-1593.18	-1444.06	583.62	-1609.50	1115.02
31720	71.89	10.05	17.16	-918.92	-1018.51	-837.63	312.04	-985.54	634.54
31721	71.14	9.94	17.16	-436.83	-659.56	-514.39	123.44	-562.56	337.18
31722	78.05	11.50	17.16	-3918.17	-9410.51	-14602.10	36.85	2.05	11122.90
31723	77.25	11.48	17.16	-3940.51	-9620.17	-15009.60	498.70	-518.28	11506.10
31724	76.45	11.43	17.16	-3960.47	-9990.23	-15561.30	1351.68	-1749.92	12355.20
31725	75.65	11.37	17.16	-5096.22	-6954.92	-9781.04	2704.91	-6431.68	8053.74
31726	74.86	11.29	17.16	-2697.71	-3539.88	-3461.78	918.33	-2640.61	3248.49
31727	74.08	11.18	17.16	-1911.57	-2814.88	-2369.97	921.42	-1815.42	2491.65
31728	73.30	11.06	17.16	-1789.97	-1764.83	-1658.34	658.57	-1775.17	1561.42
31729	72.53	10.92	17.16	-1049.57	-1017.08	-932.26	218.05	-1016.65	725.86
31730	71.77	10.75	17.16	-568.15	-684.18	-600.17	61.90	-607.58	399.38
31731	71.02	10.57	17.16	-260.65	-465.01	-412.31	-13.62	-354.25	211.69
31732	78.04	12.50	17.16	-1850.26	-3635.65	-2792.72	13.11	-25.42	3538.94
31733	77.22	12.47	17.16	-1871.14	-3638.99	-2788.91	162.29	-316.92	3590.65
31734	76.40	12.41	17.16	-1872.42	-3385.61	-2408.36	369.20	-962.41	3215.70
31735	75.59	12.32	17.16	-1756.62	-2758.56	-2197.22	546.72	-1089.15	2666.47
31736	74.78	12.20	17.16	-1801.90	-1940.77	-1847.51	447.86	-1411.22	1886.51
31737	73.98	12.06	17.16	-1276.55	-1287.96	-1209.06	152.92	-952.48	1099.10
31738	73.19	11.88	17.16	-920.31	-923.90	-866.59	77.73	-715.73	723.22
31739	72.41	11.68	17.16	-660.74	-613.12	-632.71	-14.12	-552.72	421.46
31740	71.65	11.46	17.16	-369.99	-411.95	-450.52	-89.79	-336.70	204.10
31741	70.90	11.20	17.16	-159.99	-299.75	-329.55	-106.53	-177.75	92.19
31742	78.03	13.50	17.16	-1313.28	-1107.93	-1229.48	-23.76	-16.65	1093.45
31743	77.19	13.46	17.16	-1295.51	-1094.47	-1196.31	-41.22	-141.42	1054.06
31744	76.35	13.38	17.16	-1233.95	-1034.45	-1147.33	-36.32	-244.61	978.40
31745	75.52	13.27	17.16	-1164.41	-898.25	-1015.56	-36.12	-377.11	822.57
31746	74.70	13.12	17.16	-1012.81	-703.62	-850.16	-61.36	-398.26	615.83
31747	73.89	12.93	17.16	-846.83	-520.86	-703.68	-110.31	-388.44	406.05
31748	73.09	12.71	17.16	-619.44	-383.12	-548.22	-155.81	-284.19	227.61
31749	72.30	12.45	17.16	-425.40	-290.62	-419.94	-163.83	-193.53	115.59
31750	71.53	12.16	17.16	-261.00	-221.66	-314.01	-163.09	-106.31	37.36
31751	70.78	11.84	17.16	-119.96	-178.97	-226.08	-149.31	-17.37	-5.75
31752	78.02	14.50	17.16	-936.91	-170.61	-405.10	-29.86	10.07	-10.41
31753	77.16	14.45	17.16	-915.00	-175.11	-395.11	-84.88	15.83	-13.11
31754	76.31	14.36	17.16	-864.47	-178.43	-371.21	-128.66	14.80	-19.95
31755	75.46	14.22	17.16	-786.13	-173.97	-337.80	-158.60	16.11	-30.01
31756	74.62	14.04	17.16	-692.45	-160.72	-290.75	-179.44	15.43	-45.64
31757	73.79	13.81	17.16	-575.04	-143.49	-230.34	-193.55	30.56	-64.30
31758	72.98	13.54	17.16	-449.31	-130.56	-168.70	-196.94	56.58	-76.66
31759	72.19	13.22	17.16	-322.82	-122.14	-109.36	-187.86	94.14	-77.80
31760	71.41	12.87	17.16	-211.81	-116.40	-56.57	-167.36	129.50	-66.95
31761	70.66	12.47	17.16	-118.62	-111.53	-11.10	-141.59	162.10	-48.22
31762	67.06	9.32	17.16	105.48	-92.88	50.37	5.51	210.37	86.55
31763	67.55	9.94	17.16	89.55	-93.19	57.86	-13.20	217.98	72.03
31764	68.08	10.54	17.16	68.72	-94.25	65.51	-32.05	224.58	54.19
31765	67.75	9.28	17.16	169.45	-146.91	-75.02	-0.62	127.87	30.79
31766	68.10	9.82	17.16	142.57	-138.79	-69.98	-23.96	135.52	22.11
31767	68.47	10.34	17.16	110.48	-131.52	-61.89	-45.56	143.54	13.01
31768	68.43	9.23	17.16	182.59	-208.52	-150.21	2.99	36.42	37.77
31769	68.64	9.70	17.16	157.05	-191.60	-147.29	-23.24	50.32	23.93
31770	68.87	10.15	17.16	124.52	-175.17	-138.54	-47.00	61.61	12.82
31771	69.95	12.04	17.16	-46.65	-107.88	22.67	-112.73	189.10	-23.94
31772	70.11	11.50	17.16	-23.75	-156.20	-162.56	-124.36	48.73	-20.28
31773	70.26	10.96	17.16	-30.23	-236.14	-254.00	-101.72	-72.18	35.10
31774	69.29	11.58	17.16	5.48	-104.74	44.60	-83.62	209.07	3.71
31775	69.52	11.15	17.16	37.11	-144.29	-115.94	-97.27	94.49	-14.88
31776	69.74	10.73	17.16	42.55	-204.44	-201.38	-87.28	-7.56	14.80
31777	68.66	11.08	17.16	41.48	-99.68	63.27	-56.25	220.39	32.87
31778	68.95	10.79	17.16	76.68	-134.20	-74.36	-70.12	129.32	-1.01
31779	69.23	10.49	17.16	90.23	-181.51	-155.90	-67.62	46.43	8.58

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]
31780	70.20	9.30	15.47	-1151.12	-343.63	-1371.29	523.84	-1353.38	786.88
31781	69.46	9.27	15.47	-846.72	-218.19	-993.40	395.01	-921.81	557.50
31782	68.72	9.24	15.47	-587.70	-118.92	-734.90	283.16	-594.05	399.24
31783	70.10	9.90	15.47	-945.67	-263.31	-1187.85	467.27	-1087.01	676.14
31784	69.46	9.82	15.47	-717.86	-167.33	-915.53	355.23	-776.74	499.15
31785	68.82	9.72	15.47	-520.69	-90.87	-707.91	261.58	-530.15	371.59
31786	70.02	10.50	15.47	-741.84	-180.29	-1028.06	399.95	-847.03	560.86
31787	69.47	10.36	15.47	-586.98	-114.62	-835.13	313.43	-639.16	437.96
31788	68.92	10.20	15.47	-444.22	-60.35	-675.47	237.80	-461.78	341.01
31789	78.05	9.53	15.47	-1902.52	-160.30	-12353.20	-316.90	565.89	-367.94
31790	77.26	9.53	15.47	-1189.08	-225.41	-12908.70	-655.28	321.79	-59.49
31791	76.46	9.52	15.47	-780.04	-304.94	-13456.00	-553.67	-125.90	472.02
31792	75.67	9.50	15.47	-665.40	-218.91	-13480.90	-531.25	-1288.53	1300.11
31793	74.88	9.49	15.47	-273.23	-27.13	-11747.00	-292.92	-2829.61	2126.60
31794	74.09	9.46	15.47	101.96	-420.19	-10181.60	-343.08	-3142.08	2862.39
31795	73.30	9.44	15.47	-1834.55	-816.32	-7906.21	476.16	-4430.53	2628.98
31796	72.52	9.41	15.47	-1939.98	-752.99	-4919.30	791.38	-3615.97	2129.68
31797	71.74	9.37	15.47	-1834.83	-651.60	-3094.79	798.38	-2738.87	1564.59
31798	70.95	9.33	15.47	-1498.47	-487.14	-1996.39	662.32	-1941.76	1100.35
31799	78.04	10.60	15.47	-1183.61	765.98	-12986.20	-199.00	160.71	2280.50
31800	77.22	10.59	15.47	-904.99	540.23	-13222.40	-361.87	-245.22	2639.00
31801	76.40	10.56	15.47	-417.19	284.68	-12680.30	-357.67	-1354.98	3195.13
31802	75.59	10.52	15.47	-129.04	253.69	-11979.60	-725.47	-1954.15	3513.51
31803	74.78	10.46	15.47	-652.69	438.83	-10077.10	-76.96	-3571.86	3085.34
31804	73.98	10.39	15.47	-694.37	-193.91	-7663.83	613.15	-3417.07	3097.51
31805	73.18	10.31	15.47	-1871.31	-913.38	-5554.82	1077.30	-3668.39	2773.35
31806	72.38	10.22	15.47	-1786.85	-745.94	-3544.35	955.41	-2852.59	1956.47
31807	71.60	10.12	15.47	-1514.76	-551.61	-2352.51	783.79	-2110.37	1360.66
31808	70.82	10.00	15.47	-1218.71	-386.60	-1623.95	609.93	-1518.81	941.13
31809	78.03	11.67	15.47	-644.48	380.93	-10619.10	-107.01	-41.87	4655.92
31810	77.19	11.65	15.47	-410.62	298.08	-10525.50	-72.55	-667.46	4694.50
31811	76.35	11.60	15.47	-53.10	252.85	-9656.73	181.88	-1726.47	4429.96
31812	75.51	11.53	15.47	-250.04	-664.62	-8675.05	483.30	-2186.13	4528.41
31813	74.69	11.44	15.47	-1291.82	-1632.02	-7317.48	1037.15	-3087.97	4396.95
31814	73.87	11.33	15.47	-1396.97	-1321.97	-5268.21	1216.76	-3019.85	3344.50
31815	73.06	11.19	15.47	-1373.11	-899.48	-3648.85	1098.89	-2545.09	2332.18
31816	72.25	11.04	15.47	-1353.85	-654.18	-2556.96	918.01	-2051.96	1622.31
31817	71.46	10.87	15.47	-1160.43	-436.82	-1818.17	704.22	-1554.53	1112.96
31818	70.68	10.68	15.47	-932.41	-279.18	-1331.33	525.27	-1140.82	767.24
31819	78.02	12.74	15.47	-459.16	-2242.85	-6504.49	6.65	-106.40	4960.80
31820	77.15	12.71	15.47	-372.58	-2267.82	-6395.92	242.04	-640.75	4902.37
31821	76.29	12.64	15.47	-371.98	-2241.15	-6020.18	595.23	-1240.54	4645.57
31822	75.44	12.55	15.47	-566.69	-1893.83	-5106.98	968.27	-1824.39	3928.63
31823	74.60	12.42	15.47	-718.95	-1448.83	-4002.17	1025.99	-1909.37	3054.80
31824	73.76	12.26	15.47	-903.38	-1134.18	-3144.11	1020.04	-1845.99	2351.82
31825	72.94	12.08	15.47	-946.09	-777.36	-2434.30	911.65	-1650.19	1723.85
31826	72.13	11.86	15.47	-893.06	-488.13	-1854.91	739.22	-1369.24	1212.94
31827	71.33	11.62	15.47	-792.38	-295.76	-1412.13	568.83	-1079.60	843.42
31828	70.55	11.35	15.47	-649.36	-164.99	-1078.44	418.66	-812.06	586.63
31829	78.01	13.81	15.47	-35.09	-1642.42	-3198.46	33.99	-67.05	2785.56
31830	77.12	13.77	15.47	-33.59	-1617.09	-3127.75	223.08	-361.92	2721.65
31831	76.24	13.69	15.47	-69.64	-1495.49	-2952.58	440.21	-661.08	2537.22
31832	75.37	13.56	15.47	-172.24	-1269.18	-2703.47	617.76	-894.47	2239.23
31833	74.51	13.40	15.47	-318.31	-976.50	-2375.06	706.93	-1040.78	1851.76
31834	73.66	13.20	15.47	-413.97	-689.17	-1990.81	686.85	-1046.57	1444.15
31835	72.82	12.96	15.47	-472.54	-455.95	-1632.67	618.76	-971.32	1088.55
31836	72.00	12.69	15.47	-476.90	-266.32	-1314.87	515.10	-845.15	792.34
31837	71.20	12.37	15.47	-435.75	-132.87	-1037.71	400.81	-689.89	561.58
31838	70.42	12.03	15.47	-366.90	-49.95	-802.54	297.33	-529.61	396.11
31839	78.00	14.88	15.47	313.90	-581.99	-1575.42	21.58	-19.38	1148.56
31840	77.10	14.83	15.47	307.74	-561.04	-1541.69	116.03	-154.20	1117.94
31841	76.20	14.73	15.47	282.94	-507.54	-1474.74	212.15	-286.15	1048.23
31842	75.31	14.58	15.47	228.28	-418.23	-1370.08	295.57	-404.73	934.93
31843	74.43	14.39	15.47	148.77	-305.41	-1232.69	344.94	-487.67	786.74
31844	73.56	14.14	15.47	61.12	-192.52	-1071.62	351.44	-524.48	623.10
31845	72.72	13.85	15.47	-8.27	-96.96	-895.65	322.09	-510.17	466.23
31846	71.89	13.51	15.47	-54.27	-25.57	-721.32	274.48	-457.36	333.55
31847	71.08	13.13	15.47	-73.66	22.24	-558.53	218.45	-379.27	230.64
31848	70.29	12.70	15.47	-68.98	46.86	-411.67	164.53	-287.21	158.94
31849	66.58	9.34	15.47	10.54	34.62	-32.38	68.44	58.73	174.61
31850	67.08	10.00	15.47	11.67	38.42	-48.70	68.20	37.76	150.72
31851	67.62	10.64	15.47	11.12	43.54	-69.36	68.35	8.26	124.97
31852	67.29	9.29	15.47	-165.10	12.92	-312.84	112.06	-122.84	219.70
31853	67.65	9.87	15.47	-154.99	19.34	-318.31	112.42	-130.08	209.00
31854	68.03	10.43	15.47	-143.73	26.13	-321.58	113.66	-140.03	196.08
31855	68.00	9.25	15.47	-359.23	-41.06	-528.99	185.45	-331.16	288.00
31856	68.22	9.74	15.47	-330.02	-27.49	-525.04	178.54	-314.10	276.81
31857	68.44	10.22	15.47	-301.69	-13.12	-513.09	173.05	-300.83	265.05
31858	69.56	12.24	15.47	-52.19	56.30	-291.03	121.46	-196.62	118.59
31859	69.72	11.67	15.47	-294.78	-3.30	-625.01	219.18	-393.23	292.22
31860	69.89	11.09	15.47	-521.33	-87.25	-855.95	313.13	-609.29	430.82
31861	68.87	11.75	15.47	-29.73	54.19	-196.33	91.98	-115.79	104.52
31862	69.11	11.30	15.47	-229.58	16.77	-492.67	167.61	-285.72	235.58
31863	69.35	10.85	15.47	-420.42	-45.63	-703.42	246.13	-469.75	344.83
31864	68.21	11.22	15.47	-4.11	49.64	-115.54	74.12	-45.40	106.75
31865	68.52	10.90	15.47	-168.33	27.64	-375.43	130.06	-192.73	199.72
31866	68.82	10.59	15.47	-327.12	-18.07	-569.20	194.32	-348.27	284.43
31867	69.86	9.32	13.78	-831.47	-42.65	-2204.58	380.82	-1610.97	949.17
31868	69.09	9.29	13.78	-710.78	-8.97	-1715.30	322.27	-1269.23	752.72
31869	68.33	9.26	13.78	-559.37	23.57	-1346.29	255.28	-966.77	591.22
31870	69.75	9.96	13.78	-710.24	-30.44	-1978.02	385.94	-1395.74	890.97
31871	69.08	9.87	13.78	-607.58	1.69	-1613.45	320.78	-1136.48	718.01
31872	68.42	9.77	13.78	-490.15	28.96	-1319.84	256.72	-904.07	572.96
31873	69.65	10.60	13.78	-567.33	-13.31	-1775.80	371.11	-1188.37	805.47
31874	69.08	10.44	13.78	-494.94	13.70	-1514.88	311.86	-1006.32	667.69
31875	68.52	10.27	13.78	-411.96	35.11	-1294.48	254.30	-835.24	544.34
31876	78.04	9.57	13.78	-213.42	619.26	-9758.68	-112.45	47.64	1155.33
31877	77.21	9.56	13.78	-144.00	613.96	-9741.37	-181.75	-276.30	1249.66
31878	76.38	9.55	13.78	32.68	592.07	-9582.66	-289.42	-772.07	1440.13

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]
31879	75.56	9.54	13.78	184.00	491.75	-9083.91	-251.73	-1387.42	1634.00
31880	74.73	9.52	13.78	-14.61	288.38	-8353.03	-171.29	-1901.07	1773.86
31881	73.91	9.49	13.78	-336.46	240.49	-7249.61	94.00	-2343.27	1746.97
31882	73.09	9.46	13.78	-267.07	162.75	-6073.51	162.92	-2418.56	1716.07
31883	72.27	9.43	13.78	-654.76	-9.00	-4958.17	295.48	-2533.44	1613.20
31884	71.46	9.39	13.78	-838.29	-65.34	-3812.48	389.86	-2322.83	1419.38
31885	70.65	9.35	13.78	-891.13	-68.86	-2888.08	413.13	-1981.23	1175.88
31886	78.02	10.71	13.78	19.81	560.02	-9327.54	-106.51	-22.30	2405.95
31887	77.16	10.69	13.78	120.65	528.92	-9175.16	-126.40	-523.98	2463.80
31888	76.31	10.66	13.78	120.25	429.67	-8861.83	-89.39	-1006.63	2518.83
31889	75.46	10.61	13.78	73.61	265.93	-8203.52	167.51	-1605.84	2480.42
31890	74.62	10.55	13.78	-21.21	25.97	-7337.13	232.90	-1963.53	2413.68
31891	73.78	10.48	13.78	-354.64	-57.97	-6331.60	269.92	-2301.16	2234.33
31892	72.95	10.39	13.78	-410.34	-15.45	-5207.72	384.50	-2339.38	1995.34
31893	72.12	10.30	13.78	-684.72	-81.57	-4162.18	486.47	-2288.13	1714.26
31894	71.30	10.19	13.78	-792.56	-88.10	-3220.49	492.43	-2023.83	1398.24
31895	70.49	10.06	13.78	-782.87	-62.79	-2493.12	447.80	-1698.33	1112.79
31896	78.01	11.85	13.78	228.45	11.86	-7900.46	-40.36	-89.65	3192.11
31897	77.12	11.82	13.78	248.31	-39.49	-7705.04	54.84	-609.04	3163.01
31898	76.25	11.76	13.78	144.18	-162.18	-7342.39	150.56	-1049.30	3109.29
31899	75.38	11.69	13.78	75.23	-105.28	-6754.28	264.85	-1499.20	2913.56
31900	74.51	11.59	13.78	66.97	28.08	-5966.59	387.34	-1813.71	2607.21
31901	73.66	11.47	13.78	-236.16	-90.50	-5118.44	496.10	-2033.67	2328.30
31902	72.81	11.33	13.78	-473.49	-169.19	-4219.08	579.49	-2049.03	1999.67
31903	71.98	11.17	13.78	-596.06	-141.79	-3391.66	576.95	-1904.83	1630.08
31904	71.15	10.98	13.78	-648.55	-97.39	-2702.96	524.27	-1675.17	1289.60
31905	70.34	10.78	13.78	-626.33	-49.58	-2156.75	444.74	-1412.80	1004.93
31906	78.00	12.99	13.78	398.93	-308.94	-6008.34	4.15	-92.49	3257.26
31907	77.09	12.95	13.78	380.38	-307.99	-5867.21	148.12	-518.65	3180.14
31908	76.19	12.88	13.78	321.18	-296.29	-5551.71	289.78	-917.99	3009.69
31909	75.30	12.77	13.78	202.75	-356.36	-5132.61	404.08	-1236.37	2813.79
31910	74.41	12.64	13.78	7.00	-396.56	-4605.49	550.55	-1505.70	2544.70
31911	73.54	12.47	13.78	-164.48	-322.72	-3960.95	618.28	-1628.67	2161.38
31912	72.68	12.27	13.78	-312.49	-238.22	-3320.35	616.61	-1607.79	1764.30
31913	71.84	12.04	13.78	-410.29	-157.98	-2752.22	570.96	-1495.28	1407.07
31914	71.01	11.78	13.78	-446.93	-83.96	-2268.35	494.12	-1329.37	1100.62
31915	70.20	11.50	13.78	-436.13	-27.40	-1866.46	407.04	-1139.57	849.25
31916	77.98	14.13	13.78	507.79	-692.08	-4285.79	25.30	-62.27	2667.82
31917	77.06	14.08	13.78	482.15	-670.25	-4205.02	174.48	-373.42	2604.46
31918	76.14	13.99	13.78	416.82	-621.27	-4026.29	315.71	-665.07	2460.45
31919	75.22	13.86	13.78	313.44	-537.14	-3740.19	437.74	-913.49	2231.00
31920	74.32	13.69	13.78	186.23	-433.42	-3383.85	514.74	-1078.57	1947.44
31921	73.43	13.47	13.78	43.69	-324.98	-3005.61	550.08	-1166.34	1645.89
31922	72.56	13.21	13.78	-77.12	-213.23	-2620.65	535.65	-1175.67	1343.37
31923	71.71	12.92	13.78	-164.42	-117.71	-2251.29	486.02	-1117.63	1064.96
31924	70.87	12.59	13.78	-214.39	-44.38	-1914.84	417.32	-1014.96	826.24
31925	70.06	12.22	13.78	-228.36	7.24	-1616.72	342.52	-886.93	630.52
31926	77.98	15.27	13.78	661.09	-448.56	-3244.07	25.80	-23.64	1511.55
31927	77.03	15.22	13.78	638.82	-428.91	-3192.07	133.31	-224.90	1473.32
31928	76.09	15.11	13.78	588.93	-383.78	-3085.33	233.92	-416.07	1387.49
31929	75.16	14.95	13.78	509.19	-317.29	-2926.47	316.61	-582.31	1258.70
31930	74.24	14.74	13.78	405.82	-237.09	-2719.47	371.86	-710.40	1096.28
31931	73.33	14.48	13.78	293.28	-153.48	-2475.14	394.11	-787.82	916.24
31932	72.45	14.16	13.78	184.01	-76.72	-2211.65	386.33	-814.03	736.71
31933	71.58	13.80	13.78	91.97	-12.84	-1943.77	354.14	-793.67	570.54
31934	70.74	13.39	13.78	24.14	33.87	-1683.76	307.34	-735.65	427.84
31935	69.93	12.94	13.78	-18.19	63.44	-1441.74	255.54	-651.26	313.00
31936	66.09	9.36	13.78	-47.29	64.17	-569.53	92.33	-215.09	178.36
31937	66.60	10.07	13.78	-43.09	69.30	-657.00	102.12	-254.32	162.34
31938	67.16	10.74	13.78	-38.29	75.52	-758.25	114.42	-302.82	147.41
31939	66.83	9.31	13.78	-216.10	61.67	-800.44	134.38	-451.97	319.23
31940	67.20	9.92	13.78	-194.90	63.02	-856.22	146.61	-466.93	311.03
31941	67.59	10.52	13.78	-170.92	64.88	-919.18	159.13	-484.40	300.39
31942	67.58	9.26	13.78	-388.55	47.29	-1055.16	188.76	-694.14	449.31
31943	67.79	9.79	13.78	-347.95	49.54	-1076.49	197.06	-678.47	441.32
31944	68.02	10.30	13.78	-305.82	51.92	-1096.99	205.16	-665.74	429.16
31945	69.16	12.45	13.78	-39.20	79.23	-1229.54	206.92	-557.57	230.80
31946	69.34	11.83	13.78	-220.25	39.11	-1379.65	277.29	-762.80	489.39
31947	69.52	11.22	13.78	-399.45	10.13	-1578.00	333.29	-972.06	673.32
31948	68.45	11.92	13.78	-45.90	83.57	-1046.79	166.92	-466.00	179.25
31949	68.71	11.44	13.78	-201.71	55.43	-1194.29	226.72	-653.21	395.54
31950	68.96	10.96	13.78	-356.83	32.57	-1373.82	278.63	-841.17	558.35
31951	67.77	11.36	13.78	-41.19	82.53	-885.55	135.12	-376.96	148.51
31952	68.09	11.02	13.78	-174.78	64.35	-1028.77	184.15	-548.64	322.48
31953	68.41	10.69	13.78	-307.81	46.79	-1193.25	231.19	-717.23	465.03
31954	69.52	9.34	12.09	-500.05	51.45	-2570.94	235.78	-1492.50	894.78
31955	68.72	9.31	12.09	-479.69	42.51	-2148.11	215.26	-1281.62	747.72
31956	67.93	9.27	12.09	-421.97	38.84	-1809.12	185.23	-1064.19	608.77
31957	69.40	10.01	12.09	-440.45	26.78	-2411.79	264.85	-1351.79	870.95
31958	68.71	9.91	12.09	-418.62	27.72	-2087.23	233.94	-1182.30	728.36
31959	68.02	9.81	12.09	-374.28	29.67	-1817.15	199.25	-1010.88	596.11
31960	69.29	10.69	12.09	-363.66	5.69	-2276.58	278.60	-1204.00	810.23
31961	68.70	10.52	12.09	-349.76	14.71	-2039.05	244.98	-1079.17	688.16
31962	68.11	10.35	12.09	-321.45	21.30	-1835.31	209.52	-950.18	571.52
31963	78.02	9.60	12.09	264.45	523.85	-7681.96	-84.26	16.51	1383.07
31964	77.16	9.60	12.09	286.30	498.26	-7599.04	-106.43	-355.38	1420.68
31965	76.30	9.58	12.09	284.30	448.74	-7371.34	-87.53	-731.15	1463.07
31966	75.44	9.57	12.09	228.23	385.43	-7015.26	-58.27	-1084.47	1498.45
31967	74.58	9.55	12.09	172.41	332.61	-6507.36	6.69	-1418.56	1505.78
31968	73.73	9.52	12.09	66.24	240.12	-5879.64	45.15	-1682.88	1496.91
31969	72.88	9.49	12.09	-152.82	169.07	-5159.13	128.27	-1850.40	1436.10
31970	72.03	9.46	12.09	-259.02	137.38	-4416.88	183.82	-1867.23	1329.14
31971	71.18	9.42	12.09	-387.41	95.07	-3729.70	222.31	-1817.41	1195.49
31972	70.34	9.37	12.09	-470.00	67.56	-3099.27	239.85	-1680.69	1045.45
31973	78.00	10.81	12.09	389.19	384.90	-7268.75	-56.36	-34.30	2056.48
31974	77.11	10.79	12.09	371.18	354.94	-7155.26	-22.81	-421.86	2051.37
31975	76.22	10.75	12.09	352.09	312.11	-6882.70	28.22	-810.90	2022.44
31976	75.33	10.70	12.09	280.30	260.86	-6473.60	54.69	-1153.27	1980.02
31977	74.45	10.64	12.09	157.13	222.44	-5938.04	135.45	-1448.47	1898.50

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]
31978	73.58	10.56	12.09	43.51	167.58	-5303.23	221.75	-1647.73	1764.39
31979	72.72	10.47	12.09	-145.45	94.81	-4636.91	264.20	-1750.38	1596.52
31980	71.86	10.37	12.09	-259.63	63.05	-3978.66	289.83	-1739.63	1416.49
31981	71.01	10.25	12.09	-366.10	39.66	-3374.72	301.18	-1662.89	1227.45
31982	70.17	10.12	12.09	-426.88	29.15	-2836.79	289.85	-1520.12	1036.41
31983	77.99	12.02	12.09	479.57	104.77	-6414.51	-29.39	-52.94	2477.73
31984	77.06	11.99	12.09	450.77	89.48	-6302.38	44.78	-426.79	2446.82
31985	76.15	11.93	12.09	410.80	78.84	-6048.96	129.01	-789.24	2364.97
31986	75.24	11.85	12.09	314.80	32.51	-5664.96	217.55	-1107.23	2237.42
31987	74.34	11.74	12.09	158.15	-29.46	-5186.09	284.53	-1346.30	2071.82
31988	73.45	11.62	12.09	39.15	-27.36	-4645.80	334.91	-1494.08	1862.52
31989	72.57	11.47	12.09	-96.02	-20.07	-4089.24	358.57	-1564.07	1633.01
31990	71.70	11.29	12.09	-220.09	-21.61	-3545.34	365.76	-1548.97	1402.79
31991	70.85	11.10	12.09	-306.47	-15.16	-3045.32	349.91	-1465.89	1179.35
31992	70.01	10.88	12.09	-353.23	-4.63	-2606.84	316.33	-1337.52	971.70
31993	77.97	13.23	12.09	537.30	-252.73	-5392.68	-3.73	-49.07	2485.41
31994	77.02	13.19	12.09	507.03	-253.92	-5295.93	101.26	-380.24	2439.39
31995	76.08	13.11	12.09	439.94	-252.26	-5096.01	198.94	-683.77	2338.50
31996	75.15	13.00	12.09	345.70	-220.25	-4797.74	290.21	-946.66	2174.00
31997	74.23	12.85	12.09	235.06	-177.24	-4424.70	349.73	-1142.97	1965.17
31998	73.32	12.67	12.09	99.50	-153.31	-4015.48	391.16	-1270.29	1741.63
31999	72.43	12.46	12.09	-30.20	-124.39	-3588.65	407.02	-1326.57	1506.30
32000	71.55	12.22	12.09	-136.63	-89.70	-3168.46	395.15	-1313.97	1269.90
32001	70.69	11.95	12.09	-213.18	-56.37	-2778.42	363.20	-1247.44	1047.92
32002	69.85	11.64	12.09	-256.67	-27.76	-2430.25	318.05	-1144.78	848.24
32003	77.96	14.44	12.09	583.70	-422.99	-4550.10	11.18	-29.95	2088.48
32004	76.99	14.39	12.09	555.02	-410.23	-4478.25	119.05	-293.52	2043.37
32005	76.03	14.30	12.09	495.32	-381.22	-4332.08	217.12	-536.62	1945.64
32006	75.07	14.15	12.09	406.92	-343.29	-4125.09	297.56	-744.05	1806.83
32007	74.13	13.97	12.09	297.10	-294.14	-3865.89	358.67	-908.80	1632.68
32008	73.21	13.74	12.09	181.74	-233.18	-3564.97	391.16	-1017.66	1431.50
32009	72.30	13.47	12.09	69.70	-171.81	-3245.43	396.26	-1068.71	1222.04
32010	71.41	13.15	12.09	-26.83	-114.86	-2926.06	377.59	-1068.48	1018.70
32011	70.54	12.80	12.09	-99.98	-65.78	-2619.99	341.50	-1025.85	830.84
32012	69.70	12.41	12.09	-147.57	-26.89	-2336.06	295.74	-952.07	664.32
32013	77.95	15.66	12.09	605.14	-383.62	-4234.53	16.39	-4.98	1447.94
32014	76.96	15.60	12.09	581.39	-368.49	-4178.15	107.29	-203.04	1415.85
32015	75.98	15.48	12.09	532.29	-336.04	-4066.82	189.53	-388.91	1346.06
32016	75.01	15.31	12.09	460.84	-288.85	-3902.92	257.21	-552.45	1242.72
32017	74.05	15.09	12.09	372.47	-231.94	-3694.07	304.94	-683.53	1114.08
32018	73.10	14.81	12.09	274.70	-170.99	-3451.13	330.47	-776.59	970.06
32019	72.18	14.48	12.09	177.79	-111.09	-3185.18	333.39	-828.55	820.22
32020	71.28	14.09	12.09	90.12	-57.97	-2908.51	316.89	-840.81	674.69
32021	70.40	13.66	12.09	18.06	-14.98	-2632.65	286.21	-818.75	541.66
32022	69.56	13.18	12.09	-35.22	16.65	-2367.43	247.48	-769.16	425.61
32023	65.61	9.38	12.09	-108.50	35.08	-1220.32	78.10	-406.26	181.63
32024	66.13	10.13	12.09	-105.38	40.70	-1364.37	92.60	-447.83	183.85
32025	66.70	10.84	12.09	-100.42	46.11	-1524.21	110.43	-495.49	190.21
32026	66.38	9.33	12.09	-227.77	33.12	-1352.30	115.46	-624.27	329.44
32027	66.75	9.98	12.09	-208.99	32.02	-1459.49	131.68	-637.54	329.91
32028	67.15	10.61	12.09	-186.87	31.58	-1578.63	147.99	-652.17	330.41
32029	67.15	9.28	12.09	-334.68	34.33	-1548.59	150.37	-841.43	469.32
32030	67.37	9.83	12.09	-302.43	29.78	-1610.09	165.20	-824.90	465.21
32031	67.60	10.37	12.09	-267.34	25.83	-1677.63	178.92	-810.41	457.43
32032	68.77	12.66	12.09	-69.23	36.94	-2123.95	206.98	-704.74	333.34
32033	68.95	12.00	12.09	-172.02	0.20	-2098.48	250.43	-869.27	535.26
32034	69.14	11.35	12.09	-271.46	-6.66	-2166.22	274.49	-1038.16	696.84
32035	68.03	12.10	12.09	-88.99	47.36	-1903.61	169.89	-635.15	264.72
32036	68.30	11.58	12.09	-181.59	17.53	-1902.97	210.75	-788.72	441.40
32037	68.56	11.08	12.09	-269.62	8.82	-1971.62	237.54	-944.70	589.33
32038	67.33	11.50	12.09	-96.28	51.11	-1702.13	136.44	-561.37	213.76
32039	67.67	11.14	12.09	-179.34	29.05	-1724.56	173.80	-705.39	362.82
32040	68.00	10.79	12.09	-257.47	19.57	-1796.85	202.16	-849.27	496.71
32041	69.18	9.35	10.41	-343.29	18.00	-2687.34	146.77	-1300.20	787.35
32042	68.36	9.32	10.41	-358.12	0.22	-2373.56	136.40	-1172.17	671.95
32043	67.53	9.29	10.41	-344.71	-12.45	-2118.08	119.56	-1025.76	556.78
32044	69.05	10.06	10.41	-312.47	-14.90	-2620.60	176.30	-1203.69	777.21
32045	68.33	9.96	10.41	-322.36	-20.82	-2374.30	157.60	-1097.97	662.43
32046	67.62	9.86	10.41	-313.31	-24.88	-2167.43	135.21	-981.69	551.85
32047	68.93	10.78	10.41	-271.39	-43.21	-2579.59	195.15	-1097.61	736.51
32048	68.32	10.60	10.41	-281.33	-38.52	-2392.22	172.54	-1018.81	636.43
32049	67.71	10.42	10.41	-279.00	-35.43	-2229.80	147.90	-931.60	538.68
32050	78.00	9.64	10.41	377.02	351.21	-6241.40	-62.94	10.72	1316.57
32051	77.11	9.63	10.41	368.87	335.65	-6165.41	-53.17	-291.80	1322.92
32052	76.21	9.62	10.41	339.37	309.14	-5992.92	-40.34	-586.24	1326.86
32053	75.32	9.60	10.41	290.65	274.61	-5720.93	-15.33	-864.03	1321.99
32054	74.43	9.58	10.41	206.45	229.23	-5362.01	13.37	-1102.92	1304.20
32055	73.55	9.55	10.41	100.95	188.51	-4935.98	56.17	-1287.35	1262.42
32056	72.66	9.52	10.41	-0.41	144.55	-4467.81	89.80	-1411.96	1198.80
32057	71.78	9.48	10.41	-124.98	99.50	-3982.02	120.91	-1473.84	1115.68
32058	70.90	9.44	10.41	-221.74	66.66	-3505.00	141.04	-1463.81	1014.83
32059	70.03	9.39	10.41	-297.26	39.27	-3066.72	149.17	-1401.88	901.95
32060	77.98	10.92	10.41	433.56	205.73	-5966.05	-46.51	-9.03	1738.22
32061	77.05	10.89	10.41	419.42	192.86	-5878.50	-9.11	-322.08	1725.53
32062	76.12	10.85	10.41	372.20	169.18	-5688.36	29.08	-616.30	1693.44
32063	75.20	10.80	10.41	302.02	138.59	-5405.01	77.45	-879.72	1634.97
32064	74.29	10.73	10.41	211.09	101.84	-5043.89	116.65	-1097.70	1551.30
32065	73.39	10.65	10.41	94.78	68.53	-4630.59	149.13	-1256.49	1449.90
32066	72.49	10.55	10.41	-11.92	45.41	-4188.08	179.63	-1352.54	1329.34
32067	71.60	10.44	10.41	-123.73	22.21	-3743.98	196.27	-1387.67	1192.41
32068	70.72	10.32	10.41	-211.14	5.67	-3320.08	199.61	-1363.92	1049.22
32069	69.85	10.18	10.41	-276.00	-6.71	-2935.06	191.47	-1297.21	905.73
32070	77.97	12.20	10.41	468.55	-23.44	-5491.23	-27.70	-17.22	1970.50
32071	77.00	12.16	10.41	447.60	-28.95	-5407.01	36.00	-314.83	1942.02
32072	76.04	12.10	10.41	392.13	-39.86	-5228.49	96.05	-590.55	1878.29
32073	75.10	12.01	10.41	313.37	-46.17	-4970.77	148.45	-828.24	1783.00
32074	74.16	11.90	10.41	220.77	-46.79	-4649.42	195.39	-1021.65	1658.57
32075	73.24	11.76	10.41	106.66	-55.31	-4285.16	229.07	-1159.44	1512.42
32076	72.32	11.60	10.41	-2.88	-59.54	-3901.90	248.39	-1235.73	1352.59

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]
32077	71.42	11.42	10.41	-101.08	-57.52	-3522.58	250.96	-1258.44	1186.64
32078	70.54	11.21	10.41	-181.93	-53.52	-3162.91	240.71	-1234.20	1022.02
32079	69.67	10.98	10.41	-239.96	-48.31	-2834.59	219.67	-1173.00	864.16
32080	77.95	13.48	10.41	483.75	-244.83	-4978.12	-11.72	-12.88	1952.43
32081	76.96	13.43	10.41	458.56	-241.51	-4906.69	66.37	-274.45	1918.74
32082	75.98	13.35	10.41	405.67	-230.74	-4759.70	139.01	-517.14	1843.25
32083	75.00	13.23	10.41	327.28	-218.73	-4548.19	199.35	-726.84	1733.45
32084	74.05	13.07	10.41	229.98	-202.62	-4286.79	246.58	-893.81	1595.81
32085	73.10	12.88	10.41	128.49	-176.65	-3990.58	274.75	-1011.92	1436.55
32086	72.17	12.66	10.41	28.29	-148.69	-3678.40	284.95	-1080.22	1267.23
32087	71.26	12.40	10.41	-62.82	-121.98	-3366.20	279.26	-1102.63	1097.25
32088	70.37	12.11	10.41	-137.31	-97.16	-3066.28	259.97	-1085.36	932.90
32089	69.50	11.79	10.41	-191.45	-76.01	-2788.03	230.88	-1036.62	778.62
32090	77.94	14.76	10.41	477.69	-383.71	-4634.62	-0.47	0.92	1706.44
32091	76.92	14.70	10.41	453.73	-374.58	-4575.19	80.10	-216.84	1675.63
32092	75.92	14.60	10.41	404.54	-352.96	-4459.21	152.81	-419.21	1607.64
32093	74.92	14.45	10.41	334.97	-318.92	-4292.00	213.08	-596.48	1506.32
32094	73.94	14.25	10.41	251.14	-277.01	-4083.29	255.92	-739.54	1379.73
32095	72.98	14.01	10.41	159.15	-232.89	-3845.52	280.81	-844.45	1237.62
32096	72.04	13.72	10.41	68.29	-188.20	-3589.59	287.55	-909.87	1087.51
32097	71.11	13.39	10.41	-14.28	-145.76	-3326.73	277.91	-937.27	936.85
32098	70.21	13.01	10.41	-83.30	-108.36	-3067.24	255.30	-931.31	792.21
32099	69.34	12.60	10.41	-135.28	-77.57	-2818.91	223.91	-898.33	658.08
32100	77.93	16.04	10.41	453.75	-355.74	-4625.26	5.16	18.16	1356.13
32101	76.90	15.98	10.41	433.51	-344.77	-4572.35	76.50	-157.46	1331.63
32102	75.87	15.86	10.41	392.96	-320.26	-4472.07	140.77	-322.65	1277.81
32103	74.86	15.68	10.41	334.99	-285.02	-4328.36	193.56	-469.77	1198.63
32104	73.86	15.44	10.41	264.25	-242.09	-4146.62	231.81	-592.77	1099.01
32105	72.87	15.14	10.41	186.78	-195.19	-3933.88	253.49	-686.83	984.98
32106	71.91	14.79	10.41	108.63	-148.88	-3698.96	258.66	-749.94	863.78
32107	70.98	14.38	10.41	35.81	-106.59	-3450.97	249.05	-782.68	742.13
32108	70.07	13.92	10.41	-27.01	-70.94	-3198.54	227.71	-787.76	625.70
32109	69.19	13.41	10.41	-77.07	-43.38	-2949.52	198.48	-769.23	518.45
32110	65.12	9.40	10.41	-159.49	-27.54	-1744.09	41.30	-523.40	195.83
32111	65.66	10.19	10.41	-159.29	-21.67	-1912.27	57.31	-558.54	218.06
32112	66.24	10.95	10.41	-154.26	-15.52	-2094.13	76.97	-595.60	245.82
32113	65.92	9.35	10.41	-241.74	-28.92	-1806.52	72.35	-694.18	317.23
32114	66.30	10.03	10.41	-226.10	-29.28	-1942.12	88.29	-702.51	331.21
32115	66.71	10.69	10.41	-208.03	-29.09	-2089.28	104.70	-711.55	347.50
32116	66.72	9.29	10.41	-304.65	-23.72	-1930.41	97.68	-861.83	437.18
32117	66.94	9.88	10.41	-281.10	-29.25	-2023.58	112.59	-845.30	441.77
32118	67.18	10.45	10.41	-254.13	-33.53	-2124.45	126.56	-830.12	445.25
32119	68.37	12.86	10.41	-112.07	-24.93	-2713.63	165.89	-735.29	426.89
32120	68.57	12.17	10.41	-168.41	-55.57	-2603.08	190.57	-852.51	548.77
32121	68.77	11.48	10.41	-222.12	-60.06	-2569.11	201.13	-975.90	656.93
32122	67.61	12.27	10.41	-135.23	-14.55	-2493.51	134.00	-692.83	351.18
32123	67.89	11.73	10.41	-187.96	-40.73	-2418.55	159.28	-803.01	463.64
32124	68.17	11.19	10.41	-236.31	-47.69	-2402.33	173.88	-917.57	566.45
32125	66.89	11.64	10.41	-147.38	-10.69	-2286.74	103.15	-643.31	288.33
32126	67.24	11.26	10.41	-196.52	-30.69	-2246.82	128.50	-747.57	388.74
32127	67.59	10.89	10.41	-240.90	-38.82	-2250.20	146.32	-854.08	485.58
32128	68.84	9.37	8.72	-297.20	-57.62	-2701.82	82.31	-1123.73	691.03
32129	67.99	9.34	8.72	-326.49	-73.33	-2480.87	71.44	-1048.10	597.63
32130	67.14	9.30	8.72	-333.90	-85.68	-2304.70	55.64	-955.75	502.63
32131	68.70	10.12	8.72	-279.13	-86.51	-2711.99	104.00	-1053.55	691.36
32132	67.95	10.01	8.72	-301.60	-91.93	-2533.71	87.49	-990.75	598.46
32133	67.22	9.90	8.72	-308.85	-96.47	-2385.38	67.91	-917.77	507.43
32134	68.57	10.87	8.72	-253.91	-109.65	-2746.61	118.86	-974.99	670.89
32135	67.93	10.69	8.72	-272.87	-106.28	-2602.73	99.70	-929.02	589.01
32136	67.31	10.49	8.72	-282.23	-104.73	-2477.50	79.07	-875.49	508.27
32137	77.98	9.67	8.72	344.05	168.68	-5208.86	-53.47	22.16	1177.48
32138	77.06	9.66	8.72	331.61	158.77	-5149.44	-39.57	-224.74	1176.59
32139	76.13	9.65	8.72	299.60	141.49	-5018.47	-22.17	-461.91	1168.34
32140	75.20	9.63	8.72	246.21	117.74	-4822.13	-2.56	-678.47	1150.68
32141	74.28	9.61	8.72	176.57	90.97	-4569.23	20.26	-865.88	1120.72
32142	73.36	9.58	8.72	93.31	61.14	-4271.57	41.28	-1016.54	1078.11
32143	72.45	9.54	8.72	-0.72	32.41	-3945.39	61.73	-1122.60	1021.89
32144	71.54	9.50	8.72	-90.06	6.08	-3608.89	76.95	-1182.60	952.39
32145	70.63	9.46	8.72	-175.45	-19.02	-3279.13	86.11	-1199.90	871.91
32146	69.72	9.41	8.72	-245.82	-40.10	-2970.16	87.77	-1177.18	782.82
32147	77.96	11.02	8.72	366.54	36.59	-5086.04	-42.20	10.61	1467.40
32148	76.99	10.99	8.72	348.59	29.20	-5020.20	-9.21	-237.87	1453.50
32149	76.03	10.95	8.72	309.19	17.19	-4882.76	24.05	-472.00	1420.68
32150	75.07	10.89	8.72	248.55	1.95	-4681.63	54.19	-681.01	1370.18
32151	74.13	10.82	8.72	170.73	-14.32	-4429.60	82.42	-854.91	1302.95
32152	73.19	10.73	8.72	84.50	-30.84	-4140.96	105.87	-988.75	1219.19
32153	72.26	10.63	8.72	-8.35	-47.36	-3832.60	121.04	-1078.27	1122.89
32154	71.34	10.52	8.72	-95.14	-60.63	-3520.48	128.72	-1124.18	1017.95
32155	70.42	10.39	8.72	-173.55	-71.67	-3219.28	127.69	-1130.95	907.13
32156	69.52	10.24	8.72	-236.37	-80.25	-2940.50	118.24	-1103.73	794.19
32157	77.94	12.37	8.72	371.93	-128.19	-4872.80	-29.89	8.27	1619.19
32158	76.94	12.33	8.72	351.44	-130.44	-4808.90	18.69	-227.56	1596.81
32159	75.94	12.26	8.72	308.37	-132.09	-4680.37	64.00	-447.10	1547.71
32160	74.96	12.17	8.72	245.13	-133.81	-4495.29	104.00	-640.78	1474.04
32161	73.99	12.05	8.72	166.01	-135.10	-4266.07	135.05	-799.02	1380.03
32162	73.03	11.90	8.72	80.67	-132.83	-4007.08	156.41	-917.73	1270.55
32163	72.08	11.74	8.72	-6.84	-129.02	-3732.55	167.00	-996.09	1150.37
32164	71.15	11.54	8.72	-88.94	-124.28	-3455.91	167.24	-1034.82	1024.57
32165	70.23	11.33	8.72	-160.24	-118.81	-3189.22	157.48	-1038.84	897.69
32166	69.33	11.08	8.72	-217.12	-113.79	-2941.30	139.53	-1014.38	773.55
32167	77.93	13.72	8.72	360.18	-277.28	-4675.64	-18.82	14.29	1609.26
32168	76.89	13.67	8.72	339.92	-274.06	-4617.94	39.03	-197.36	1584.22
32169	75.87	13.58	8.72	297.25	-265.46	-4505.92	91.17	-394.02	1529.41
32170	74.86	13.45	8.72	236.54	-250.98	-4346.85	134.79	-566.63	1448.43
32171	73.86	13.29	8.72	163.34	-232.19	-4150.25	166.96	-708.60	1346.47
32172	72.88	13.09	8.72	82.62	-211.93	-3927.50	186.82	-815.83	1229.86
32173	71.92	12.85	8.72	1.79	-190.48	-3689.90	193.72	-887.30	1104.38
32174	70.98	12.58	8.72	-73.24	-169.06	-3448.23	188.52	-924.83	975.57
32175	70.05	12.27	8.72	-138.24	-149.36	-3211.71	173.14	-932.48	848.18

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]
32176	69.15	11.93	8.72	-190.10	-132.98	-2987.48	149.90	-915.47	725.43
32177	77.92	15.07	8.72	333.63	-353.89	-4605.46	-10.58	25.80	1470.51
32178	76.86	15.01	8.72	314.99	-347.21	-4553.77	48.38	-155.61	1447.73
32179	75.81	14.90	8.72	277.06	-330.98	-4457.28	101.37	-325.39	1397.10
32180	74.77	14.74	8.72	222.95	-307.36	-4321.09	144.74	-476.00	1322.55
32181	73.76	14.53	8.72	157.34	-278.23	-4151.93	176.25	-601.94	1228.85
32182	72.75	14.28	8.72	86.09	-245.47	-3957.49	194.30	-699.61	1121.27
32183	71.77	13.97	8.72	14.39	-212.16	-3746.44	198.98	-767.89	1005.77
32184	70.82	13.62	8.72	-52.84	-180.78	-3527.01	191.53	-807.94	887.72
32185	69.89	13.23	8.72	-111.59	-153.19	-3306.61	174.03	-822.52	771.42
32186	68.98	12.79	8.72	-159.07	-130.70	-3091.37	149.17	-815.63	660.09
32187	77.91	16.43	8.72	293.24	-336.49	-4727.33	-5.19	39.29	1291.28
32188	76.83	16.36	8.72	277.38	-328.89	-4679.01	48.75	-112.82	1272.41
32189	75.76	16.23	8.72	245.74	-311.04	-4591.26	97.27	-256.80	1230.09
32190	74.71	16.04	8.72	200.88	-284.70	-4467.06	137.13	-386.93	1166.92
32191	73.67	15.79	8.72	146.30	-252.58	-4310.87	165.86	-498.49	1086.74
32192	72.65	15.47	8.72	86.16	-217.78	-4128.30	182.27	-588.34	994.20
32193	71.65	15.10	8.72	24.98	-183.10	-3925.55	186.23	-654.94	894.05
32194	70.67	14.67	8.72	-33.11	-151.21	-3709.17	178.77	-698.41	790.91
32195	69.73	14.19	8.72	-84.80	-124.29	-3485.61	161.79	-720.36	688.93
32196	68.82	13.65	8.72	-127.92	-103.65	-3260.99	137.78	-723.36	591.20
32197	64.64	9.42	8.72	-215.12	-114.80	-2104.29	-11.14	-595.28	211.42
32198	65.18	10.25	8.72	-209.16	-102.22	-2272.65	6.16	-617.20	251.96
32199	65.78	11.05	8.72	-207.43	-92.96	-2453.22	25.98	-640.12	297.87
32200	65.47	9.37	8.72	-270.43	-106.04	-2122.90	13.62	-723.80	306.70
32201	65.85	10.08	8.72	-259.74	-104.86	-2265.93	28.52	-724.40	334.23
32202	66.27	10.78	8.72	-243.23	-101.92	-2418.33	45.25	-723.14	366.07
32203	66.30	9.31	8.72	-316.51	-97.78	-2187.06	35.75	-845.88	403.86
32204	66.52	9.92	8.72	-295.77	-101.83	-2296.15	48.42	-825.96	418.97
32205	66.75	10.52	8.72	-271.71	-104.26	-2412.89	61.46	-807.23	435.39
32206	67.98	13.07	8.72	-159.88	-90.56	-3043.70	110.08	-712.66	503.37
32207	68.18	12.33	8.72	-192.32	-115.27	-2899.34	121.86	-796.20	565.62
32208	68.39	11.61	8.72	-223.86	-121.12	-2806.66	125.74	-885.46	625.99
32209	67.19	12.45	8.72	-182.80	-84.37	-2837.17	81.62	-693.20	425.17
32210	67.48	11.87	8.72	-214.77	-105.59	-2731.03	95.13	-771.32	487.54
32211	67.78	11.30	8.72	-243.79	-112.40	-2665.62	102.88	-853.63	549.19
32212	66.45	11.78	8.72	-197.10	-84.51	-2640.22	52.66	-666.80	355.17
32213	66.81	11.38	8.72	-228.67	-100.14	-2572.65	67.97	-740.66	415.77
32214	67.18	10.98	8.72	-256.11	-106.75	-2535.79	79.25	-816.78	478.08
32215	68.50	9.39	7.03	-310.25	-143.41	-2658.89	29.51	-975.37	625.00
32216	67.62	9.35	7.03	-352.60	-154.99	-2506.40	12.89	-936.04	549.08
32217	66.74	9.32	7.03	-381.43	-165.36	-2389.35	-9.32	-886.75	469.69
32218	68.35	10.17	7.03	-296.24	-165.95	-2727.43	40.45	-924.10	637.66
32219	67.58	10.06	7.03	-328.47	-169.84	-2598.81	20.47	-891.09	561.15
32220	66.81	9.94	7.03	-350.87	-174.53	-2493.40	-3.15	-851.77	484.13
32221	68.20	10.96	7.03	-275.12	-182.10	-2816.97	48.36	-864.91	636.51
32222	67.55	10.77	7.03	-300.17	-179.99	-2704.48	27.76	-841.51	567.27
32223	66.90	10.57	7.03	-319.51	-180.61	-2606.02	5.51	-813.34	497.80
32224	77.97	9.71	7.03	258.82	0.76	-4441.75	-48.57	33.01	1037.65
32225	77.00	9.70	7.03	246.56	-5.54	-4395.49	-33.36	-169.30	1033.86
32226	76.04	9.68	7.03	216.82	-16.34	-4298.87	-17.73	-362.36	1022.69
32227	75.09	9.66	7.03	171.22	-30.59	-4156.25	-1.66	-539.04	1003.30
32228	74.13	9.63	7.03	111.40	-47.50	-3974.60	13.69	-692.62	975.03
32229	73.18	9.60	7.03	40.95	-65.52	-3763.48	27.79	-817.49	937.19
32230	72.23	9.57	7.03	-35.02	-83.92	-3533.70	38.58	-910.73	889.84
32231	71.29	9.53	7.03	-113.24	-101.61	-3296.83	45.17	-970.87	833.65
32232	70.35	9.48	7.03	-187.29	-117.47	-3064.38	46.19	-998.92	769.51
32233	69.41	9.43	7.03	-254.37	-131.43	-2847.00	40.92	-998.65	698.71
32234	77.94	11.12	7.03	259.07	-107.18	-4446.36	-41.05	27.35	1261.88
32235	76.94	11.09	7.03	244.30	-111.04	-4395.52	-13.63	-175.65	1249.22
32236	75.94	11.05	7.03	210.74	-117.05	-4294.17	12.22	-366.62	1221.57
32237	74.95	10.99	7.03	160.95	-124.54	-4148.68	35.66	-537.63	1179.56
32238	73.96	10.91	7.03	98.51	-132.72	-3967.42	54.93	-682.77	1124.33
32239	72.99	10.82	7.03	27.10	-140.66	-3760.82	68.88	-797.32	1057.90
32240	72.03	10.71	7.03	-47.34	-147.55	-3539.83	76.80	-879.63	982.10
32241	71.07	10.59	7.03	-121.19	-153.56	-3315.39	77.65	-930.00	899.15
32242	70.13	10.46	7.03	-189.49	-158.40	-3097.31	71.43	-950.90	811.53
32243	69.20	10.31	7.03	-249.59	-162.53	-2894.00	58.09	-946.82	721.26
32244	77.92	12.54	7.03	246.15	-223.17	-4419.03	-32.84	27.98	1387.04
32245	76.88	12.50	7.03	230.33	-223.56	-4368.27	4.07	-165.61	1369.09
32246	75.84	12.43	7.03	196.02	-222.53	-4271.03	37.72	-346.47	1330.36
32247	74.82	12.33	7.03	146.15	-219.85	-4133.76	65.93	-506.79	1273.21
32248	73.81	12.20	7.03	84.98	-215.52	-3964.67	87.35	-641.25	1200.49
32249	72.82	12.05	7.03	16.67	-210.19	-3773.21	100.65	-746.27	1115.52
32250	71.84	11.87	7.03	-53.42	-203.87	-3569.23	105.31	-820.69	1021.95
32251	70.87	11.67	7.03	-121.15	-197.07	-3361.98	101.29	-865.86	923.24
32252	69.92	11.44	7.03	-182.90	-190.58	-3159.47	89.26	-884.64	822.35
32253	68.99	11.19	7.03	-236.18	-185.45	-2968.36	70.07	-881.54	721.67
32254	77.91	13.97	7.03	221.24	-311.49	-4425.29	-25.29	34.37	1404.43
32255	76.83	13.91	7.03	205.88	-308.86	-4376.64	16.57	-141.74	1385.12
32256	75.76	13.81	7.03	173.62	-301.10	-4287.44	54.11	-306.26	1342.88
32257	74.71	13.68	7.03	127.25	-289.20	-4162.82	84.77	-452.45	1280.60
32258	73.68	13.50	7.03	70.64	-274.15	-4009.55	106.79	-575.28	1202.03
32259	72.66	13.29	7.03	8.54	-256.86	-3835.29	119.03	-671.94	1111.31
32260	71.66	13.04	7.03	-54.80	-238.91	-3647.95	121.40	-741.67	1012.66
32261	70.69	12.76	7.03	-115.44	-221.68	-3454.96	114.38	-785.58	909.97
32262	69.73	12.43	7.03	-170.18	-206.45	-3262.91	99.00	-806.36	806.45
32263	68.80	12.08	7.03	-216.88	-194.62	-3077.36	76.73	-807.86	704.39
32264	77.90	15.39	7.03	186.17	-345.54	-4518.58	-19.16	44.82	1339.59
32265	76.79	15.32	7.03	172.46	-341.21	-4472.02	22.92	-109.42	1321.84
32266	75.75	15.21	7.03	144.16	-329.68	-4389.78	60.44	-254.47	1282.25
32267	74.63	15.04	7.03	103.75	-312.16	-4275.50	90.86	-384.75	1223.47
32268	73.57	14.82	7.03	54.62	-290.45	-4134.09	112.28	-496.05	1149.04
32269	72.53	14.54	7.03	0.48	-266.64	-3971.30	123.77	-585.79	1063.00
32270	71.51	14.22	7.03	-54.74	-242.61	-3793.18	125.21	-653.04	969.37
32271	70.52	13.85	7.03	-107.59	-220.19	-3605.72	117.24	-698.45	871.87
32272	69.56	13.44	7.03	-155.38	-201.05	-3414.49	101.12	-723.95	773.67
32273	68.62	12.98	7.03	-196.12	-186.49	-3224.42	78.53	-732.50	677.14
32274	77.89	16.81	7.03	142.79	-323.91	-4711.86	-14.27	56.95	1247.61

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]
32275	76.77	16.74	7.03	131.26	-319.10	-4666.75	24.67	-75.08	1232.67
32276	75.66	16.61	7.03	107.95	-306.67	-4588.57	59.56	-200.78	1198.44
32277	74.56	16.40	7.03	74.68	-288.13	-4479.70	87.97	-315.73	1146.95
32278	73.48	16.14	7.03	34.00	-265.33	-4343.46	108.14	-416.45	1080.99
32279	72.42	15.81	7.03	-11.03	-240.42	-4183.96	119.03	-500.48	1003.82
32280	71.38	15.42	7.03	-57.31	-215.71	-4005.87	120.45	-566.61	918.95
32281	70.37	14.96	7.03	-101.98	-193.33	-3814.08	112.97	-614.82	829.78
32282	69.40	14.45	7.03	-142.69	-175.09	-3613.51	97.72	-646.15	739.34
32283	68.46	13.89	7.03	-177.99	-162.29	-3409.03	76.26	-662.42	649.95
32284	64.15	9.44	7.03	-268.55	-218.09	-2352.85	-87.79	-655.48	216.95
32285	64.71	10.32	7.03	-289.09	-206.04	-2493.76	-71.28	-659.23	277.63
32286	65.32	11.15	7.03	-260.92	-183.66	-2652.21	-37.86	-651.39	343.34
32287	65.01	9.38	7.03	-367.89	-197.95	-2324.11	-66.51	-766.60	298.61
32288	65.40	10.14	7.03	-330.58	-191.43	-2452.08	-50.32	-733.29	341.03
32289	65.83	10.87	7.03	-295.41	-185.29	-2600.81	-28.29	-711.54	388.68
32290	65.87	9.32	7.03	-391.37	-178.59	-2325.31	-36.85	-829.00	385.07
32291	66.09	9.97	7.03	-355.09	-182.16	-2444.03	-27.67	-798.39	410.02
32292	66.33	10.60	7.03	-318.14	-182.94	-2569.52	-13.77	-770.65	438.81
32293	67.58	13.27	7.03	-205.75	-156.31	-3208.04	50.94	-667.26	566.44
32294	67.80	12.50	7.03	-226.96	-178.15	-3051.02	53.22	-729.96	592.33
32295	68.02	11.74	7.03	-250.42	-187.04	-2924.25	53.36	-797.24	619.55
32296	66.77	12.62	7.03	-227.48	-157.13	-3014.57	23.57	-664.60	487.79
32297	67.08	12.01	7.03	-250.58	-175.24	-2896.01	27.28	-722.19	518.43
32298	67.38	11.42	7.03	-273.81	-182.73	-2802.11	30.60	-783.50	551.36
32299	66.00	11.92	7.03	-243.95	-165.30	-2828.90	-6.10	-657.17	412.91
32300	66.39	11.50	7.03	-269.25	-177.05	-2748.98	-0.84	-710.62	447.36
32301	66.76	11.08	7.03	-293.21	-181.52	-2688.66	6.03	-766.52	485.50
32302	68.17	9.41	5.34	-347.69	-234.34	-2576.04	-8.44	-847.96	591.76
32303	67.25	9.37	5.34	-405.41	-241.63	-2472.47	-33.78	-828.47	532.67
32304	66.34	9.33	5.34	-464.73	-249.11	-2393.83	-68.33	-803.54	468.16
32305	68.00	10.23	5.34	-333.81	-252.56	-2690.01	-9.41	-813.29	620.04
32306	67.20	10.11	5.34	-376.58	-254.73	-2597.04	-36.85	-796.51	557.73
32307	66.41	9.99	5.34	-418.93	-259.58	-2519.97	-71.26	-776.03	492.53
32308	67.84	11.05	5.34	-310.65	-263.58	-2823.15	-9.84	-770.65	637.71
32309	67.17	10.85	5.34	-341.04	-262.51	-2733.13	-35.72	-759.11	578.23
32310	66.50	10.64	5.34	-371.70	-265.80	-2652.30	-65.32	-744.55	517.02
32311	77.95	9.74	5.34	161.75	-146.80	-3840.64	-44.59	41.12	912.03
32312	76.95	9.73	5.34	151.35	-150.78	-3804.89	-29.68	-127.25	908.01
32313	75.96	9.71	5.34	126.24	-157.54	-3733.45	-15.18	-287.77	897.92
32314	74.97	9.69	5.34	87.51	-166.56	-3629.79	-1.66	-434.91	881.44
32315	73.98	9.66	5.34	37.27	-177.07	-3499.34	10.23	-563.85	858.33
32316	73.00	9.63	5.34	-21.82	-188.33	-3348.88	19.45	-670.88	828.56
32317	72.02	9.59	5.34	-86.79	-199.53	-3186.25	25.07	-753.51	792.26
32318	71.05	9.55	5.34	-154.17	-210.05	-3019.65	25.98	-810.98	749.75
32319	70.07	9.51	5.34	-221.48	-219.48	-2857.04	21.24	-844.08	701.55
32320	69.11	9.45	5.34	-286.55	-227.42	-2705.61	9.87	-855.07	648.16
32321	77.92	11.23	5.34	145.29	-238.44	-3941.68	-40.05	38.64	1110.52
32322	76.88	11.20	5.34	133.84	-240.25	-3901.48	-17.04	-131.36	1099.84
32323	75.84	11.15	5.34	107.10	-242.69	-3825.88	4.08	-291.28	1077.52
32324	74.82	11.08	5.34	67.02	-245.36	-3719.11	22.10	-435.52	1044.27
32325	73.80	11.00	5.34	16.35	-247.89	-3587.42	35.97	-559.38	1001.19
32326	72.79	10.90	5.34	-41.50	-249.96	-3438.04	44.68	-659.83	949.55
32327	71.80	10.79	5.34	-103.30	-251.36	-3278.65	47.34	-735.33	890.88
32328	70.81	10.67	5.34	-165.68	-251.95	-3116.69	43.42	-786.06	826.70
32329	69.84	10.52	5.34	-226.31	-251.97	-2958.89	32.46	-813.72	758.36
32330	68.87	10.37	5.34	-283.64	-251.98	-2810.88	14.09	-821.35	687.08
32331	77.90	12.72	5.34	118.40	-320.95	-4047.00	-35.02	40.94	1241.57
32332	76.82	12.67	5.34	107.09	-320.38	-4005.14	-6.47	-123.32	1226.95
32333	75.74	12.59	5.34	81.06	-317.58	-3930.26	18.99	-276.88	1196.32
32334	74.68	12.49	5.34	42.67	-312.74	-3826.45	39.72	-414.33	1151.33
32335	73.64	12.35	5.34	-5.02	-306.17	-3699.55	54.33	-531.38	1094.16
32336	72.61	12.19	5.34	-58.46	-298.21	-3556.14	61.89	-625.43	1027.30
32337	71.59	12.01	5.34	-114.34	-289.45	-3402.87	61.85	-695.56	953.22
32338	70.60	11.79	5.34	-169.63	-280.59	-3246.01	54.09	-742.37	874.30
32339	69.62	11.55	5.34	-222.17	-272.53	-3091.01	38.72	-767.95	792.54
32340	68.66	11.29	5.34	-270.82	-266.59	-2942.34	16.00	-775.51	709.45
32341	77.89	14.21	5.34	83.33	-367.73	-4197.49	-30.32	47.75	1296.88
32342	76.76	14.15	5.34	73.09	-365.51	-4155.08	0.18	-104.36	1281.08
32343	75.66	14.05	5.34	49.76	-358.63	-4082.39	27.05	-246.68	1247.02
32344	74.57	13.90	5.34	15.60	-347.82	-3982.79	48.37	-374.24	1196.87
32345	73.50	13.72	5.34	-26.43	-334.11	-3861.01	62.71	-483.24	1133.36
32346	72.44	13.50	5.34	-73.15	-318.72	-3722.35	69.20	-571.38	1059.54
32347	71.41	13.24	5.34	-121.42	-302.88	-3572.20	67.53	-637.91	978.45
32348	70.40	12.93	5.34	-168.57	-287.90	-3415.66	57.91	-683.49	892.89
32349	69.41	12.60	5.34	-212.62	-275.16	-3257.27	40.83	-710.03	805.20
32350	68.45	12.22	5.34	-252.43	-266.23	-3100.91	16.96	-720.39	717.01
32351	77.87	15.70	5.34	43.11	-364.95	-4412.91	-26.18	58.13	1285.09
32352	76.73	15.63	5.34	34.45	-362.19	-4369.96	2.91	-77.33	1270.31
32353	75.59	15.51	5.34	14.98	-353.67	-4298.33	28.55	-204.99	1237.34
32354	74.48	15.33	5.34	-13.47	-340.50	-4200.48	48.81	-320.59	1188.26
32355	73.38	15.10	5.34	-48.50	-324.10	-4079.96	62.25	-420.81	1125.74
32356	72.30	14.81	5.34	-87.37	-306.02	-3940.83	68.08	-503.58	1052.78
32357	71.25	14.48	5.34	-127.46	-287.95	-3787.38	66.09	-568.05	972.46
32358	70.22	14.09	5.34	-166.47	-271.53	-3623.90	56.57	-614.57	887.63
32359	69.23	13.65	5.34	-202.65	-258.31	-3454.41	40.21	-644.54	800.68
32360	68.26	13.17	5.34	-234.88	-249.68	-3282.62	17.87	-660.19	713.43
32361	77.87	17.20	5.34	0.84	-325.47	-4670.02	-22.15	70.59	1230.10
32362	76.70	17.12	5.34	-6.22	-322.83	-4626.67	3.99	-46.03	1217.75
32363	75.55	16.98	5.34	-21.67	-314.60	-4554.98	27.21	-157.40	1188.92
32364	74.41	16.77	5.34	-44.23	-301.86	-4456.62	45.72	-260.11	1145.18
32365	73.29	16.49	5.34	-72.11	-286.06	-4334.10	58.20	-351.39	1088.66
32366	72.19	16.14	5.34	-103.24	-268.90	-4190.46	63.82	-429.28	1021.88
32367	71.11	15.73	5.34	-135.49	-252.12	-4029.16	62.34	-492.74	947.51
32368	70.07	15.25	5.34	-166.93	-237.44	-3853.87	53.98	-541.62	868.15
32369	69.06	14.72	5.34	-196.03	-226.48	-3668.36	39.34	-576.59	786.11
32370	68.09	14.12	5.34	-221.98	-220.61	-3476.48	19.23	-598.99	703.17
32371	63.67	9.47	5.34	-659.57	-425.42	-2558.27	-307.68	-835.79	185.45
32372	64.23	10.38	5.34	-349.11	-337.84	-2581.78	-166.58	-653.14	302.66
32373	64.85	11.25	5.34	-306.03	-283.87	-2742.00	-104.72	-628.86	388.67



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]
32374	64.56	9.40	5.34	-599.37	-288.15	-2375.79	-188.39	-775.94	307.13
32375	64.95	10.19	5.34	-440.67	-300.36	-2528.20	-158.88	-710.69	364.42
32376	65.38	10.96	5.34	-345.25	-282.32	-2683.12	-107.46	-674.76	427.10
32377	65.44	9.34	5.34	-529.76	-262.76	-2357.99	-117.64	-780.65	394.47
32378	65.67	10.01	5.34	-449.26	-271.64	-2495.07	-113.15	-747.40	428.48
32379	65.91	10.67	5.34	-377.14	-273.37	-2634.62	-93.18	-717.44	467.18
32380	67.19	13.48	5.34	-243.50	-221.39	-3284.86	-4.90	-611.52	623.64
32381	67.41	12.67	5.34	-261.20	-247.35	-3121.97	-7.59	-665.80	634.81
32382	67.65	11.87	5.34	-283.74	-261.96	-2968.19	-8.52	-719.40	642.05
32383	66.35	12.79	5.34	-262.00	-229.95	-3097.67	-32.22	-617.75	545.87
32384	66.67	12.16	5.34	-283.85	-251.28	-2974.70	-35.14	-666.41	563.62
32385	66.99	11.53	5.34	-309.05	-261.91	-2858.98	-34.33	-714.59	579.66
32386	65.56	12.06	5.34	-278.19	-247.86	-2915.10	-64.65	-620.88	468.32
32387	65.96	11.61	5.34	-306.20	-262.04	-2832.50	-67.57	-664.50	492.60
32388	66.35	11.18	5.34	-334.57	-266.13	-2755.18	-64.64	-707.58	517.11
32389	77.99	-3.10	17.16	-543.53	-536.11	-2557.95	-225.15	267.87	1509.19
32390	77.07	-3.10	17.16	-575.35	-569.93	-2641.19	-196.30	247.71	1554.36
32391	76.16	-3.10	17.16	-613.80	-606.49	-2711.11	-161.88	229.19	1576.31
32392	75.24	-3.10	17.16	-660.05	-643.41	-2775.89	-111.85	224.29	1535.62
32393	74.32	-3.10	17.16	-717.65	-680.04	-2856.70	-10.77	262.86	1327.19
32394	73.40	-3.10	17.16	-838.85	-743.99	-3894.91	152.10	617.86	426.06
32395	72.49	-3.10	17.16	-740.53	-827.20	-5305.06	262.88	-417.62	-281.91
32396	71.57	-3.10	17.16	-2852.45	-762.60	-3321.37	706.10	-2601.50	-391.79
32397	70.65	-3.10	17.16	-1567.08	-234.51	-727.88	746.40	-968.47	-152.21
32398	69.73	-3.10	17.16	-902.27	-119.06	-299.03	748.34	-436.93	-29.22
32399	68.81	-3.10	17.16	-520.23	-86.05	-140.04	700.37	-210.10	34.27
32400	67.90	-3.10	17.16	-296.59	-88.13	-78.07	624.97	-99.52	69.62
32401	66.98	-3.10	17.16	-166.04	-105.38	-51.03	533.92	-37.38	93.35
32402	66.06	-3.10	17.16	-93.58	-130.89	-34.81	432.51	0.86	115.15
32403	65.14	-3.10	17.16	-57.71	-161.90	-12.88	320.03	19.94	145.44
32404	64.23	-3.10	17.16	-41.66	-196.27	41.96	189.99	6.98	209.05
32405	77.99	-2.50	17.16	-229.32	-111.20	-876.73	-144.77	138.18	784.34
32406	77.06	-2.50	17.16	-255.17	-133.02	-914.03	-120.53	130.68	802.89
32407	76.14	-2.50	17.16	-296.04	-164.75	-962.00	-88.55	136.29	800.85
32408	75.21	-2.50	17.16	-375.98	-212.95	-1062.79	-36.67	187.97	742.17
32409	74.29	-2.50	17.16	-556.33	-277.85	-1339.23	58.24	412.89	505.46
32410	73.36	-2.50	17.16	-1013.87	-702.53	-3834.61	144.06	1429.63	40.06
32411	72.44	-2.50	17.16	-778.67	-1002.02	-6208.21	264.95	-455.61	-279.22
32412	71.51	-2.50	17.16	-3160.02	-928.63	-3808.51	729.07	-2981.06	-372.70
32413	70.59	-2.50	17.16	-1681.51	-313.49	-811.45	766.16	-1091.51	-142.89
32414	69.66	-2.50	17.16	-929.05	-174.03	-330.31	763.57	-488.34	-24.55
32415	68.74	-2.50	17.16	-507.52	-124.80	-152.64	710.69	-233.56	36.09
32416	67.81	-2.50	17.16	-266.71	-114.40	-84.32	630.09	-110.06	69.68
32417	66.89	-2.50	17.16	-131.17	-121.80	-55.13	534.89	-40.68	92.35
32418	65.96	-2.50	17.16	-60.77	-139.02	-38.28	430.22	2.56	113.55
32419	65.04	-2.50	17.16	-31.42	-162.79	-15.92	315.04	25.80	143.85
32420	64.12	-2.50	17.16	-25.13	-189.17	41.02	182.32	17.45	209.81
32421	77.98	-3.10	15.47	-364.49	215.88	-1467.82	-21.30	258.56	63.73
32422	77.03	-3.10	15.47	-394.88	201.06	-1565.28	39.25	276.06	56.82
32423	76.09	-3.10	15.47	-435.27	165.47	-1701.35	116.65	313.79	18.20
32424	75.14	-3.10	15.47	-467.08	89.18	-1924.54	219.53	379.52	-78.11
32425	74.20	-3.10	15.47	-449.60	-54.33	-2376.10	340.65	450.31	-277.25
32426	73.26	-3.10	15.47	-231.71	-243.85	-2894.95	400.72	196.79	-476.26
32427	72.31	-3.10	15.47	-106.59	-354.98	-2932.19	282.00	-444.22	-605.06
32428	71.37	-3.10	15.47	-94.86	-333.60	-2435.84	70.57	-965.06	-557.76
32429	70.42	-3.10	15.47	-788.02	-327.59	-1607.41	35.48	-1221.41	-373.10
32430	69.48	-3.10	15.47	-788.36	-226.91	-831.09	73.15	-871.00	-167.74
32431	68.53	-3.10	15.47	-642.72	-166.04	-469.37	117.24	-575.36	-18.61
32432	67.59	-3.10	15.47	-478.57	-129.12	-288.97	144.57	-367.97	85.21
32433	66.64	-3.10	15.47	-332.24	-106.70	-190.43	152.18	-227.52	161.44
32434	65.70	-3.10	15.47	-210.38	-91.38	-120.26	143.51	-134.38	226.11
32435	64.75	-3.10	15.47	-113.78	-76.31	-39.35	125.03	-76.73	294.06
32436	63.81	-3.10	15.47	-49.97	-54.29	95.01	109.18	-43.40	375.79
32437	77.97	-2.50	15.47	-429.20	-238.60	-1349.90	-43.59	243.85	372.56
32438	77.02	-2.50	15.47	-471.76	-260.30	-1443.95	19.24	279.65	368.76
32439	76.07	-2.50	15.47	-534.29	-295.20	-1596.32	103.91	351.53	325.46
32440	75.12	-2.50	15.47	-597.10	-354.14	-1884.86	219.24	483.44	205.72
32441	74.17	-2.50	15.47	-592.35	-462.64	-2559.97	346.03	660.16	-29.29
32442	73.22	-2.50	15.47	-184.22	-475.16	-3234.16	413.68	294.88	-356.27
32443	72.27	-2.50	15.47	-18.92	-441.27	-3324.68	288.16	-458.71	-589.23
32444	71.31	-2.50	15.47	-66.95	-387.12	-2784.74	73.36	-1115.93	-546.46
32445	70.36	-2.50	15.47	-871.45	-366.54	-1815.87	41.35	-1401.17	-360.36
32446	69.41	-2.50	15.47	-865.82	-246.79	-925.56	79.44	-987.03	-157.85
32447	68.46	-2.50	15.47	-696.35	-176.48	-517.92	122.07	-644.73	-11.81
32448	67.51	-2.50	15.47	-510.44	-134.37	-317.24	147.34	-407.12	89.50
32449	66.56	-2.50	15.47	-348.15	-108.69	-209.63	152.72	-246.99	163.90
32450	65.60	-2.50	15.47	-215.52	-91.07	-135.07	142.01	-140.36	227.52
32451	64.65	-2.50	15.47	-111.79	-74.45	-50.70	121.90	-72.78	295.44
32452	63.70	-2.50	15.47	-42.56	-51.29	89.70	106.54	-30.32	378.51
32453	77.96	-3.10	13.78	-347.16	-207.95	-1187.21	-14.62	264.44	-327.18
32454	76.99	-3.10	13.78	-339.49	-221.20	-1300.03	22.03	293.94	-345.01
32455	76.02	-3.10	13.78	-313.18	-242.13	-1466.22	59.72	319.51	-387.03
32456	75.05	-3.10	13.78	-244.12	-271.87	-1705.29	88.71	313.93	-456.12
32457	74.08	-3.10	13.78	-107.44	-299.07	-1967.17	84.88	195.13	-531.48
32458	73.11	-3.10	13.78	9.08	-303.25	-2122.66	31.19	-67.03	-581.08
32459	72.14	-3.10	13.78	19.60	-292.31	-2074.93	-33.83	-385.79	-567.87
32460	71.16	-3.10	13.78	-119.65	-281.34	-1828.74	-88.09	-639.74	-488.94
32461	70.19	-3.10	13.78	-194.66	-239.08	-1461.55	-131.33	-762.90	-359.63
32462	69.22	-3.10	13.78	-352.98	-201.13	-1077.68	-133.80	-774.77	-208.05
32463	68.25	-3.10	13.78	-390.19	-152.12	-745.13	-105.39	-655.84	-63.77
32464	67.28	-3.10	13.78	-351.77	-108.81	-519.85	-67.41	-515.18	55.33
32465	66.31	-3.10	13.78	-277.75	-71.64	-365.38	-31.10	-389.73	150.79
32466	65.34	-3.10	13.78	-193.64	-37.74	-242.87	0.90	-286.38	229.65
32467	64.36	-3.10	13.78	-116.00	-3.32	-118.73	31.65	-198.11	298.43
32468	63.39	-3.10	13.78	-54.79	33.55	33.78	66.54	-106.48	359.11
32469	77.96	-2.50	13.78	-367.31	-267.57	-1282.26	-13.71	261.46	-332.69
32470	76.98	-2.50	13.78	-363.20	-276.95	-1403.30	22.52	304.57	-350.75
32471	76.00	-2.50	13.78	-337.89	-290.24	-1597.17	61.03	347.70	-394.20
32472	75.03	-2.50	13.78	-257.95	-309.62	-1894.43	91.12	356.61	-465.73

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]
32473	74.05	-2.50	13.78	-81.69	-318.10	-2210.11	90.09	211.36	-547.43
32474	73.07	-2.50	13.78	29.22	-333.13	-2403.46	34.36	-87.80	-588.31
32475	72.09	-2.50	13.78	35.11	-328.05	-2355.56	-36.51	-453.76	-563.97
32476	71.11	-2.50	13.78	-120.59	-299.15	-2072.09	-94.43	-740.46	-485.74
32477	70.14	-2.50	13.78	-215.75	-244.52	-1648.36	-137.73	-878.11	-354.72
32478	69.16	-2.50	13.78	-398.41	-200.70	-1204.58	-138.12	-880.58	-201.31
32479	68.18	-2.50	13.78	-437.50	-148.22	-825.69	-107.89	-734.73	-56.71
32480	67.20	-2.50	13.78	-390.76	-104.02	-573.49	-68.94	-568.42	61.74
32481	66.22	-2.50	13.78	-305.40	-67.35	-404.04	-32.33	-422.53	156.20
32482	65.24	-2.50	13.78	-210.09	-34.68	-272.85	-0.24	-303.64	234.06
32483	64.27	-2.50	13.78	-122.43	-2.12	-142.45	30.85	-203.26	301.80
32484	63.29	-2.50	13.78	-52.06	32.61	15.70	67.71	-99.98	361.06
32485	77.95	-3.10	12.09	-236.38	-281.76	-1192.34	-15.25	229.78	-566.63
32486	76.95	-3.10	12.09	-204.28	-285.90	-1292.58	-14.37	230.37	-576.59
32487	75.95	-3.10	12.09	-150.35	-289.79	-1424.20	-18.65	205.40	-590.66
32488	74.96	-3.10	12.09	-75.18	-290.74	-1566.56	-34.38	131.95	-602.14
32489	73.96	-3.10	12.09	-4.25	-285.89	-1679.29	-64.68	-1.06	-600.24
32490	72.96	-3.10	12.09	35.12	-275.63	-1719.92	-104.08	-178.41	-573.38
32491	71.96	-3.10	12.09	26.10	-257.24	-1666.67	-148.66	-365.07	-514.38
32492	70.96	-3.10	12.09	-16.92	-226.28	-1517.95	-184.52	-527.20	-423.36
32493	69.96	-3.10	12.09	-105.77	-192.20	-1303.69	-200.14	-627.00	-310.56
32494	68.97	-3.10	12.09	-167.90	-151.61	-1066.15	-196.24	-652.50	-189.98
32495	67.97	-3.10	12.09	-215.14	-112.43	-844.02	-175.15	-624.47	-74.12
32496	66.97	-3.10	12.09	-223.21	-73.79	-652.92	-141.84	-555.32	28.90
32497	65.97	-3.10	12.09	-199.23	-37.36	-497.77	-102.41	-468.80	115.09
32498	64.97	-3.10	12.09	-156.92	-2.97	-366.62	-60.11	-375.46	184.69
32499	63.98	-3.10	12.09	-107.33	30.34	-245.42	-15.21	-273.21	239.34
32500	62.98	-3.10	12.09	-57.40	61.36	-128.38	32.70	-152.40	279.55
32501	77.95	-2.50	12.09	-249.31	-344.55	-1385.47	-19.55	230.42	-582.01
32502	76.94	-2.50	12.09	-216.09	-346.49	-1492.19	-20.51	232.94	-591.08
32503	75.94	-2.50	12.09	-157.10	-345.02	-1638.18	-26.69	207.05	-604.04
32504	74.93	-2.50	12.09	-72.38	-336.79	-1796.17	-44.24	123.68	-614.37
32505	73.93	-2.50	12.09	1.85	-322.41	-1921.48	-77.28	-24.73	-609.68
32506	72.92	-2.50	12.09	47.05	-295.19	-1963.03	-118.30	-224.55	-580.84
32507	71.92	-2.50	12.09	32.33	-261.67	-1894.85	-161.82	-434.58	-519.52
32508	70.91	-2.50	12.09	-22.79	-224.01	-1716.18	-196.14	-612.54	-423.97
32509	69.91	-2.50	12.09	-125.33	-185.55	-1464.32	-210.01	-716.21	-307.36
32510	68.90	-2.50	12.09	-196.29	-143.06	-1189.76	-203.89	-735.38	-183.92
32511	67.90	-2.50	12.09	-248.28	-104.21	-936.37	-180.43	-694.40	-66.44
32512	66.89	-2.50	12.09	-254.53	-67.13	-722.01	-145.11	-609.01	36.90
32513	65.89	-2.50	12.09	-224.58	-33.06	-551.48	-104.14	-506.96	122.45
32514	64.88	-2.50	12.09	-174.47	-1.41	-410.42	-60.56	-400.12	190.68
32515	63.88	-2.50	12.09	-116.68	28.83	-282.79	-14.51	-286.12	243.14
32516	62.87	-2.50	12.09	-58.24	56.91	-162.23	35.22	-153.75	280.19
32517	77.94	-3.10	10.41	-128.17	-288.41	-1224.56	-24.08	177.84	-625.03
32518	76.91	-3.10	10.41	-96.48	-286.71	-1294.47	-45.10	144.82	-625.72
32519	75.89	-3.10	10.41	-53.74	-281.32	-1373.18	-69.43	88.31	-618.85
32520	74.86	-3.10	10.41	-9.31	-271.34	-1444.17	-98.12	2.36	-600.93
32521	73.84	-3.10	10.41	25.45	-256.25	-1487.49	-130.09	-111.40	-567.80
32522	72.81	-3.10	10.41	39.28	-235.40	-1485.95	-162.71	-242.47	-516.15
32523	71.79	-3.10	10.41	27.14	-209.26	-1429.25	-190.19	-374.03	-445.82
32524	70.76	-3.10	10.41	-11.58	-180.00	-1321.43	-208.55	-484.35	-360.25
32525	69.74	-3.10	10.41	-59.32	-147.52	-1176.63	-214.86	-560.05	-265.27
32526	68.71	-3.10	10.41	-110.76	-114.79	-1015.07	-207.79	-595.14	-168.40
32527	67.69	-3.10	10.41	-146.56	-82.04	-855.39	-188.77	-590.72	-76.87
32528	66.66	-3.10	10.41	-163.92	-50.89	-711.29	-160.50	-555.75	3.78
32529	65.64	-3.10	10.41	-160.27	-21.51	-587.66	-125.37	-496.19	70.45
32530	64.61	-3.10	10.41	-138.46	6.00	-483.98	-85.18	-415.19	121.83
32531	63.59	-3.10	10.41	-105.40	31.03	-398.52	-41.13	-313.37	157.39
32532	62.56	-3.10	10.41	-58.96	53.94	-330.78	7.89	-187.38	177.16
32533	77.93	-2.50	10.41	-124.66	-298.21	-1442.60	-27.76	177.63	-648.23
32534	76.90	-2.50	10.41	-91.85	-295.15	-1514.55	-50.99	138.83	-647.51
32535	75.87	-2.50	10.41	-46.86	-286.95	-1595.64	-77.42	74.21	-638.50
32536	74.84	-2.50	10.41	-0.94	-273.42	-1667.45	-108.01	-22.30	-617.49
32537	73.81	-2.50	10.41	34.78	-253.81	-1706.79	-141.13	-149.48	-580.63
32538	72.78	-2.50	10.41	45.07	-230.04	-1694.32	-174.25	-294.47	-524.53
32539	71.74	-2.50	10.41	27.14	-201.77	-1619.42	-201.94	-437.35	-449.36
32540	70.71	-2.50	10.41	-19.46	-170.49	-1488.00	-219.44	-554.68	-359.36
32541	69.68	-2.50	10.41	-75.13	-137.64	-1316.91	-224.00	-631.75	-260.64
32542	68.65	-2.50	10.41	-132.88	-105.89	-1129.71	-214.83	-662.66	-161.17
32543	67.62	-2.50	10.41	-171.57	-75.18	-947.76	-193.70	-650.05	-68.31
32544	66.59	-2.50	10.41	-188.67	-46.85	-786.17	-163.52	-604.90	12.48
32545	65.56	-2.50	10.41	-181.89	-20.67	-649.91	-126.74	-534.59	78.15
32546	64.52	-2.50	10.41	-155.00	3.55	-537.94	-85.11	-443.18	127.54
32547	63.49	-2.50	10.41	-115.78	25.32	-447.69	-39.87	-331.47	160.21
32548	62.46	-2.50	10.41	-62.32	45.34	-378.61	10.42	-195.81	176.19
32549	77.92	-3.10	8.72	-51.08	-249.05	-1220.37	-29.61	131.16	-590.74
32550	76.87	-3.10	8.72	-28.56	-245.13	-1263.30	-58.04	76.54	-586.47
32551	75.82	-3.10	8.72	-3.05	-237.22	-1304.41	-87.20	7.36	-570.95
32552	74.77	-3.10	8.72	19.63	-225.20	-1333.87	-116.57	-77.70	-543.04
32553	73.72	-3.10	8.72	32.84	-209.15	-1341.31	-144.79	-175.59	-501.87
32554	72.66	-3.10	8.72	31.48	-189.50	-1318.51	-169.60	-278.99	-447.61
32555	71.61	-3.10	8.72	13.40	-167.01	-1262.68	-188.80	-377.29	-381.83
32556	70.56	-3.10	8.72	-18.18	-142.37	-1176.78	-200.15	-460.50	-307.73
32557	69.51	-3.10	8.72	-58.86	-116.98	-1069.38	-202.54	-520.44	-229.89
32558	68.46	-3.10	8.72	-99.45	-91.55	-951.93	-196.13	-553.42	-153.51
32559	67.40	-3.10	8.72	-134.32	-67.20	-836.41	-181.94	-559.92	-83.66
32560	66.35	-3.10	8.72	-156.89	-44.49	-733.17	-161.33	-542.22	-24.78
32561	65.30	-3.10	8.72	-163.21	-23.91	-650.82	-135.07	-502.78	19.77
32562	64.25	-3.10	8.72	-148.81	-5.33	-595.54	-102.50	-440.06	48.43
32563	63.20	-3.10	8.72	-108.65	13.26	-561.93	-61.89	-343.67	63.00
32564	62.14	-3.10	8.72	-71.53	25.20	-546.15	-20.52	-221.63	61.74
32565	77.92	-2.50	8.72	-41.64	-244.83	-1425.80	-33.03	130.40	-607.01
32566	76.86	-2.50	8.72	-19.06	-240.38	-1468.01	-63.40	67.48	-601.36
32567	75.80	-2.50	8.72	6.30	-231.47	-1506.84	-94.30	-10.70	-583.67
32568	74.75	-2.50	8.72	28.25	-218.13	-1531.36	-125.01	-105.56	-552.93
32569	73.69	-2.50	8.72	39.12	-200.90	-1530.33	-154.15	-213.35	-508.32
32570	72.63	-2.50	8.72	34.11	-180.17	-1495.10	-179.26	-325.71	-450.28
32571	71.57	-2.50	8.72	10.76	-157.23	-1423.20	-197.96	-430.98	-380.78

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]
32572	70.51	-2.50	8.72	-26.74	-133.23	-1318.70	-208.29	-518.04	-303.35
32573	69.45	-2.50	8.72	-73.09	-109.31	-1191.89	-209.32	-578.39	-222.93
32574	68.40	-2.50	8.72	-118.05	-86.18	-1055.93	-201.36	-608.64	-144.90
32575	67.34	-2.50	8.72	-155.47	-64.81	-924.21	-185.65	-610.01	-74.49
32576	66.28	-2.50	8.72	-178.44	-45.54	-807.94	-163.66	-585.73	-16.16
32577	65.22	-2.50	8.72	-183.17	-28.64	-716.09	-136.24	-539.15	26.77
32578	64.16	-2.50	8.72	-165.46	-13.69	-654.99	-102.67	-469.30	52.85
32579	63.11	-2.50	8.72	-120.27	1.59	-619.09	-61.14	-365.74	64.04
32580	62.05	-2.50	8.72	-77.15	11.65	-603.96	-18.53	-236.29	59.09
32581	77.91	-3.10	7.03	-6.43	-203.88	-1173.29	-31.87	95.93	-527.25
32582	76.83	-3.10	7.03	7.96	-199.85	-1198.13	-59.59	31.05	-521.52
32583	75.75	-3.10	7.03	21.20	-192.50	-1216.48	-86.85	-41.87	-504.36
32584	74.67	-3.10	7.03	29.71	-182.01	-1222.90	-112.70	-122.32	-475.84
32585	73.60	-3.10	7.03	30.01	-168.71	-1212.18	-135.92	-207.42	-436.45
32586	72.52	-3.10	7.03	19.66	-153.11	-1180.95	-155.17	-292.05	-387.36
32587	71.44	-3.10	7.03	-1.69	-135.81	-1128.72	-169.21	-370.09	-330.64
32588	70.36	-3.10	7.03	-32.62	-117.57	-1058.40	-177.34	-435.44	-269.21
32589	69.28	-3.10	7.03	-69.49	-99.00	-975.79	-179.55	-483.66	-206.66
32590	68.20	-3.10	7.03	-108.56	-80.88	-888.60	-176.67	-512.51	-147.02
32591	67.12	-3.10	7.03	-145.51	-63.90	-805.39	-170.21	-522.15	-94.62
32592	66.04	-3.10	7.03	-177.01	-49.06	-735.12	-161.91	-514.76	-54.15
32593	64.96	-3.10	7.03	-199.23	-37.59	-687.99	-152.64	-493.69	-30.87
32594	63.89	-3.10	7.03	-205.70	-30.51	-678.05	-140.31	-461.94	-30.59
32595	62.81	-3.10	7.03	-180.17	-27.14	-733.30	-114.44	-415.69	-56.45
32596	61.73	-3.10	7.03	-51.37	-1.54	-792.56	-39.80	-266.32	-77.70
32597	77.91	-2.50	7.03	4.10	-195.02	-1353.24	-34.49	95.30	-535.43
32598	76.82	-2.50	7.03	17.98	-190.89	-1376.45	-63.61	22.20	-528.55
32599	75.74	-2.50	7.03	30.15	-183.41	-1391.08	-92.03	-59.01	-509.62
32600	74.65	-2.50	7.03	36.73	-172.91	-1391.42	-118.73	-147.59	-478.81
32601	73.57	-2.50	7.03	34.19	-159.82	-1372.04	-142.36	-240.21	-436.79
32602	72.48	-2.50	7.03	19.96	-144.85	-1329.68	-161.59	-331.22	-384.97
32603	71.40	-2.50	7.03	-5.95	-128.71	-1264.29	-175.22	-413.86	-325.66
32604	70.31	-2.50	7.03	-41.71	-112.15	-1179.63	-182.62	-481.70	-262.04
32605	69.23	-2.50	7.03	-83.10	-95.92	-1082.48	-183.94	-530.19	-197.95
32606	68.14	-2.50	7.03	-125.86	-80.73	-981.58	-180.19	-557.33	-137.59
32607	67.06	-2.50	7.03	-165.24	-67.24	-886.31	-173.02	-563.71	-85.43
32608	65.97	-2.50	7.03	-197.77	-56.30	-806.25	-164.20	-552.12	-46.18
32609	64.89	-2.50	7.03	-219.63	-48.87	-751.94	-154.62	-526.47	-25.09
32610	63.80	-2.50	7.03	-224.48	-45.57	-737.70	-142.16	-490.42	-27.93
32611	62.72	-2.50	7.03	-196.04	-46.02	-792.60	-116.48	-440.99	-57.88
32612	61.63	-2.50	7.03	-60.14	-23.94	-856.14	-39.79	-288.17	-83.63
32613	77.90	-3.10	5.34	16.76	-163.68	-1096.00	-31.42	70.53	-466.81
32614	76.79	-3.10	5.34	25.98	-160.38	-1109.89	-55.00	2.88	-461.16
32615	75.69	-3.10	5.34	31.77	-154.75	-1115.69	-77.79	-68.66	-445.27
32616	74.58	-3.10	5.34	32.18	-147.02	-1110.62	-98.86	-142.90	-419.64
32617	73.47	-3.10	5.34	25.44	-137.51	-1092.38	-117.25	-217.34	-385.19
32618	72.37	-3.10	5.34	10.57	-126.61	-1059.92	-132.14	-288.45	-343.35
32619	71.26	-3.10	5.34	-12.39	-114.74	-1014.02	-143.03	-352.22	-296.05
32620	70.16	-3.10	5.34	-42.22	-102.28	-957.47	-149.91	-404.90	-245.71
32621	69.05	-3.10	5.34	-77.01	-89.57	-894.79	-153.48	-443.62	-195.11
32622	67.95	-3.10	5.34	-114.52	-76.98	-831.78	-155.34	-466.83	-147.38
32623	66.84	-3.10	5.34	-153.05	-65.17	-774.91	-158.10	-474.46	-106.02
32624	65.73	-3.10	5.34	-191.73	-55.57	-731.08	-165.37	-467.98	-75.36
32625	64.63	-3.10	5.34	-231.46	-51.06	-707.92	-181.61	-451.01	-61.66
32626	63.52	-3.10	5.34	-276.91	-56.55	-717.58	-211.67	-432.39	-76.33
32627	62.42	-3.10	5.34	-338.21	-78.91	-787.47	-260.27	-434.84	-146.70
32628	61.31	-3.10	5.34	-421.92	-154.73	-1197.17	-323.15	-552.60	-363.16
32629	77.89	-2.50	5.34	25.83	-156.68	-1248.92	-33.26	70.33	-468.32
32630	76.78	-2.50	5.34	34.37	-153.48	-1261.04	-57.67	-4.54	-461.82
32631	75.67	-2.50	5.34	38.79	-148.12	-1263.14	-81.12	-83.09	-444.64
32632	74.56	-2.50	5.34	37.09	-140.88	-1252.44	-102.59	-163.90	-417.38
32633	73.45	-2.50	5.34	27.49	-132.16	-1226.68	-121.09	-244.12	-381.12
32634	72.34	-2.50	5.34	9.10	-122.40	-1185.05	-135.83	-319.92	-337.45
32635	71.22	-2.50	5.34	-17.85	-112.10	-1128.78	-146.35	-386.97	-288.50
32636	70.11	-2.50	5.34	-51.80	-101.71	-1061.20	-152.77	-441.38	-236.87
32637	69.00	-2.50	5.34	-90.52	-91.62	-987.52	-155.99	-480.28	-185.54
32638	67.89	-2.50	5.34	-131.42	-82.24	-914.13	-157.75	-502.32	-137.75
32639	66.78	-2.50	5.34	-172.50	-74.25	-848.08	-160.78	-507.73	-97.11
32640	65.67	-2.50	5.34	-212.73	-68.90	-796.68	-168.73	-498.41	-68.02
32641	64.55	-2.50	5.34	-253.18	-68.50	-768.00	-186.02	-478.49	-56.81
32642	63.44	-2.50	5.34	-298.86	-77.06	-774.71	-217.90	-457.57	-75.36
32643	62.33	-2.50	5.34	-359.67	-100.64	-843.80	-269.97	-458.82	-152.51
32644	61.22	-2.50	5.34	-443.79	-178.00	-1259.33	-340.76	-581.91	-385.69
32645	78.91	-2.50	17.16	-209.45	-98.31	-841.02	-164.38	148.63	759.34
32646	79.84	-2.50	17.16	-192.43	-94.67	-804.79	-179.27	158.09	730.03
32647	80.76	-2.50	17.16	-179.74	-101.27	-771.06	-190.88	160.94	688.45
32648	81.69	-2.50	17.16	-181.52	-120.24	-763.60	-205.27	139.60	611.54
32649	82.61	-2.50	17.16	-224.86	-154.37	-859.08	-232.89	22.92	419.66
32650	83.54	-2.50	17.16	-385.58	-400.00	-2413.78	-251.50	-559.66	54.27
32651	84.46	-2.50	17.16	-569.55	-577.09	-3607.60	-305.96	861.61	-124.82
32652	85.39	-2.50	17.16	-2436.57	-509.24	-2177.25	-972.97	1940.36	-164.80
32653	86.31	-2.50	17.16	-1448.58	-142.43	-528.18	-912.44	798.75	-76.53
32654	87.24	-2.50	17.16	-889.14	-50.91	-231.64	-855.14	393.10	6.48
32655	88.16	-2.50	17.16	-544.34	-23.68	-114.97	-770.95	207.04	55.04
32656	89.09	-2.50	17.16	-327.27	-25.32	-67.07	-671.39	109.81	83.93
32657	90.01	-2.50	17.16	-191.27	-40.18	-45.43	-563.67	51.81	104.83
32658	90.94	-2.50	17.16	-108.95	-62.27	-32.31	-449.39	14.13	125.89
32659	91.86	-2.50	17.16	-62.25	-89.54	-14.59	-325.43	-6.95	157.61
32660	92.79	-2.50	17.16	-36.56	-119.48	30.94	-183.09	-1.36	228.10
32661	78.91	-3.10	17.16	-518.23	-505.61	-2462.51	-249.73	287.07	1455.77
32662	79.83	-3.10	17.16	-497.74	-479.75	-2352.60	-267.26	304.59	1395.84
32663	80.74	-3.10	17.16	-479.11	-458.72	-2222.63	-278.15	319.62	1319.99
32664	81.66	-3.10	17.16	-462.32	-437.62	-2071.57	-287.04	325.99	1202.17
32665	82.58	-3.10	17.16	-446.92	-406.42	-1902.21	-305.11	308.10	976.28
32666	83.50	-3.10	17.16	-445.71	-393.79	-2298.58	-305.84	112.48	303.84
32667	84.42	-3.10	17.16	-540.95	-404.22	-2710.59	-299.01	814.53	-116.40
32668	85.33	-3.10	17.16	-2145.60	-329.82	-1685.96	-967.74	1558.51	-153.01
32669	86.25	-3.10	17.16	-1343.79	-52.60	-438.54	-897.08	671.51	-76.11
32670	87.17	-3.10	17.16	-868.70	9.83	-198.18	-837.09	339.40	5.10

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]
32671	88.09	-3.10	17.16	-560.05	16.91	-101.24	-754.81	182.69	54.21
32672	89.00	-3.10	17.16	-358.58	0.06	-60.16	-660.21	99.02	83.72
32673	89.92	-3.10	17.16	-226.81	-26.10	-40.88	-557.17	48.58	105.14
32674	90.84	-3.10	17.16	-142.08	-57.31	-28.52	-447.01	16.12	126.51
32675	91.76	-3.10	17.16	-88.61	-92.36	-11.34	-326.72	-0.62	158.14
32676	92.67	-3.10	17.16	-52.76	-130.33	32.07	-188.25	10.04	226.34
32677	78.93	-2.50	15.47	-410.74	-223.04	-1283.87	-95.60	221.68	354.53
32678	79.88	-2.50	15.47	-415.74	-213.78	-1240.00	-147.23	194.33	318.61
32679	80.83	-2.50	15.47	-441.29	-216.69	-1232.87	-209.94	143.24	255.47
32680	81.78	-2.50	15.47	-477.89	-239.61	-1311.30	-293.30	48.48	139.49
32681	82.73	-2.50	15.47	-491.00	-298.45	-1642.44	-386.41	-88.96	-59.00
32682	83.68	-2.50	15.47	-286.49	-306.24	-1979.86	-435.01	93.99	-314.60
32683	84.63	-2.50	15.47	-211.00	-293.78	-2056.30	-347.10	445.85	-494.60
32684	85.59	-2.50	15.47	-207.63	-268.46	-1772.35	-133.42	843.25	-436.97
32685	86.54	-2.50	15.47	-696.36	-244.72	-1198.80	-136.50	1003.03	-255.00
32686	87.49	-2.50	15.47	-695.91	-162.30	-655.90	-166.23	745.78	-82.60
32687	88.44	-2.50	15.47	-577.44	-109.67	-389.37	-192.77	516.12	44.40
32688	89.39	-2.50	15.47	-438.37	-77.29	-250.52	-202.63	345.95	135.54
32689	90.34	-2.50	15.47	-309.89	-57.89	-171.79	-194.66	224.69	205.55
32690	91.30	-2.50	15.47	-199.74	-45.32	-114.30	-172.35	140.28	268.75
32691	92.25	-2.50	15.47	-110.11	-33.69	-47.29	-141.95	85.06	339.33
32692	93.20	-2.50	15.47	-47.72	-15.98	64.72	-117.78	49.47	427.54
32693	78.92	-3.10	15.47	-351.14	221.08	-1389.36	-72.98	248.41	52.10
32694	79.87	-3.10	15.47	-354.73	216.09	-1325.08	-122.20	233.72	26.33
32695	80.81	-3.10	15.47	-370.45	191.20	-1281.98	-178.79	204.56	-18.47
32696	81.76	-3.10	15.47	-390.57	133.79	-1287.40	-253.43	153.18	-100.21
32697	82.70	-3.10	15.47	-399.04	27.20	-1433.03	-343.64	84.75	-250.21
32698	83.65	-3.10	15.47	-320.17	-114.27	-1630.30	-400.83	181.39	-396.86
32699	84.59	-3.10	15.47	-307.80	-212.27	-1662.31	-334.99	424.59	-495.02
32700	85.53	-3.10	15.47	-244.87	-218.77	-1424.35	-127.13	695.49	-430.95
32701	86.48	-3.10	15.47	-622.16	-206.83	-987.14	-134.74	825.39	-250.72
32702	87.42	-3.10	15.47	-624.64	-142.81	-558.03	-164.09	630.04	-81.91
32703	88.37	-3.10	15.47	-527.90	-99.97	-338.51	-190.32	446.75	43.24
32704	89.31	-3.10	15.47	-409.16	-73.52	-220.57	-200.52	306.88	133.77
32705	90.26	-3.10	15.47	-295.70	-58.15	-151.31	-193.63	205.51	203.75
32706	91.20	-3.10	15.47	-195.71	-48.52	-98.50	-172.73	134.87	266.90
32707	92.15	-3.10	15.47	-112.80	-39.00	-35.17	-143.72	89.97	336.92
32708	93.09	-3.10	15.47	-55.64	-22.50	70.81	-119.35	64.22	423.28
32709	78.94	-2.50	13.78	-367.53	-260.44	-1212.55	-46.13	220.87	-333.88
32710	79.92	-2.50	13.78	-367.06	-255.99	-1189.27	-76.24	176.58	-351.53
32711	80.90	-2.50	13.78	-356.78	-256.38	-1223.80	-104.50	126.53	-386.97
32712	81.87	-2.50	13.78	-315.38	-263.74	-1338.40	-124.50	88.82	-440.82
32713	82.85	-2.50	13.78	-212.82	-267.49	-1485.43	-119.01	138.12	-498.19
32714	83.83	-2.50	13.78	-142.82	-276.76	-1590.21	-70.06	275.60	-518.95
32715	84.81	-2.50	13.78	-122.58	-270.32	-1564.83	-4.81	473.11	-478.31
32716	85.79	-2.50	13.78	-205.17	-243.81	-1400.68	36.13	629.12	-391.27
32717	86.76	-2.50	13.78	-252.24	-199.72	-1145.99	74.02	704.99	-262.31
32718	87.74	-2.50	13.78	-353.98	-158.82	-867.96	69.85	697.37	-115.31
32719	88.72	-2.50	13.78	-370.10	-113.37	-622.02	43.20	595.44	20.04
32720	89.70	-2.50	13.78	-329.52	-74.55	-449.54	11.94	475.36	132.16
32721	90.68	-2.50	13.78	-261.04	-42.24	-327.18	-15.63	365.59	224.13
32722	91.66	-2.50	13.78	-184.44	-13.66	-227.27	-38.55	272.81	302.81
32723	92.63	-2.50	13.78	-113.12	14.62	-124.26	-60.97	192.26	373.62
32724	93.61	-2.50	13.78	-55.27	44.72	2.04	-89.67	107.92	436.53
32725	78.94	-3.10	13.78	-349.99	-200.29	-1112.54	-47.78	234.25	-328.52
32726	79.91	-3.10	13.78	-350.75	-198.58	-1073.02	-77.74	199.54	-345.79
32727	80.88	-3.10	13.78	-342.80	-205.21	-1077.29	-104.39	159.82	-378.67
32728	81.85	-3.10	13.78	-311.90	-221.54	-1140.03	-122.45	128.75	-427.60
32729	82.82	-3.10	13.78	-240.54	-239.69	-1237.42	-114.81	153.26	-477.74
32730	83.79	-3.10	13.78	-172.88	-245.65	-1309.70	-66.25	251.36	-502.41
32731	84.76	-3.10	13.78	-140.70	-239.98	-1287.85	-4.78	403.41	-467.09
32732	85.74	-3.10	13.78	-207.48	-229.36	-1161.89	29.94	530.40	-379.50
32733	86.71	-3.10	13.78	-236.52	-196.50	-961.63	66.39	593.99	-254.43
32734	87.68	-3.10	13.78	-314.67	-160.54	-740.64	63.00	595.08	-112.17
32735	88.65	-3.10	13.78	-328.12	-118.49	-539.62	38.29	518.79	19.51
32736	89.62	-3.10	13.78	-294.74	-80.99	-393.71	8.73	423.64	129.55
32737	90.59	-3.10	13.78	-236.56	-48.76	-286.36	-17.73	334.04	220.53
32738	91.56	-3.10	13.78	-170.30	-19.53	-195.25	-39.95	256.85	298.78
32739	92.54	-3.10	13.78	-108.38	10.10	-98.52	-61.66	188.66	369.57
32740	93.51	-3.10	13.78	-59.39	42.19	22.55	-88.42	116.57	432.77
32741	78.95	-2.50	12.09	-262.43	-340.17	-1321.08	-19.23	216.28	-578.16
32742	79.96	-2.50	12.09	-257.52	-333.74	-1298.70	-16.41	200.39	-578.46
32743	80.96	-2.50	12.09	-232.17	-325.18	-1316.83	-7.73	194.62	-580.02
32744	81.97	-2.50	12.09	-185.64	-312.58	-1359.88	11.09	218.76	-576.25
32745	82.97	-2.50	12.09	-139.20	-296.05	-1401.75	42.44	280.39	-556.36
32746	83.98	-2.50	12.09	-103.00	-270.60	-1407.55	79.54	377.33	-512.28
32747	84.98	-2.50	12.09	-101.12	-239.95	-1356.43	115.11	485.51	-439.42
32748	85.99	-2.50	12.09	-122.66	-205.19	-1241.08	142.77	580.21	-337.58
32749	86.99	-2.50	12.09	-174.70	-168.16	-1078.81	150.05	632.22	-218.94
32750	88.00	-2.50	12.09	-209.50	-128.51	-898.35	141.48	632.15	-96.31
32751	89.00	-2.50	12.09	-232.48	-91.45	-726.66	118.28	592.35	20.14
32752	90.01	-2.50	12.09	-226.86	-56.59	-576.08	86.02	522.41	123.48
32753	91.01	-2.50	12.09	-197.78	-24.81	-450.46	50.03	439.92	211.06
32754	92.02	-2.50	12.09	-155.42	4.45	-341.39	12.68	352.94	283.40
32755	93.02	-2.50	12.09	-108.49	32.00	-239.20	-26.05	260.01	341.26
32756	94.03	-2.50	12.09	-60.36	57.47	-141.18	-67.31	152.02	383.83
32757	78.95	-3.10	12.09	-250.88	-278.28	-1126.87	-16.74	217.54	-561.96
32758	79.95	-3.10	12.09	-249.33	-275.69	-1096.55	-15.62	202.11	-561.49
32759	80.95	-3.10	12.09	-229.98	-273.67	-1100.69	-8.67	193.36	-562.39
32760	81.94	-3.10	12.09	-192.31	-270.63	-1129.33	8.23	206.66	-558.08
32761	82.94	-3.10	12.09	-149.63	-264.65	-1161.55	36.71	251.89	-538.59
32762	83.94	-3.10	12.09	-116.18	-254.55	-1169.29	70.79	327.94	-494.54
32763	84.94	-3.10	12.09	-109.68	-237.04	-1134.30	104.73	415.67	-423.46
32764	85.94	-3.10	12.09	-119.75	-208.66	-1047.64	132.22	496.63	-326.43
32765	86.94	-3.10	12.09	-159.11	-175.70	-920.69	139.88	545.97	-212.87
32766	87.93	-3.10	12.09	-186.01	-138.12	-774.93	132.88	552.55	-94.91
32767	88.93	-3.10	12.09	-204.50	-101.12	-632.69	111.77	525.38	18.00
32768	89.93	-3.10	12.09	-200.29	-65.26	-504.33	81.59	471.26	119.09
32769	90.93	-3.10	12.09	-176.47	-31.76	-393.64	47.41	404.08	205.63

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]
32770	91.93	-3.10	12.09	-141.12	-0.38	-294.21	11.61	330.59	277.91
32771	92.92	-3.10	12.09	-101.69	29.63	-198.13	-25.78	249.50	336.72
32772	93.92	-3.10	12.09	-61.61	57.71	-102.88	-65.25	153.45	381.10
32773	78.97	-2.50	10.41	-141.46	-296.83	-1391.05	-5.68	202.26	-642.59
32774	80.00	-2.50	10.41	-141.98	-291.28	-1362.42	17.39	224.19	-630.34
32775	81.03	-2.50	10.41	-128.53	-281.39	-1351.82	43.13	254.07	-609.30
32776	82.06	-2.50	10.41	-108.06	-267.13	-1348.77	71.90	298.73	-575.89
32777	83.09	-2.50	10.41	-87.62	-247.94	-1338.18	101.74	360.67	-526.81
32778	84.12	-2.50	10.41	-78.28	-224.89	-1305.98	129.78	434.14	-459.90
32779	85.16	-2.50	10.41	-82.91	-197.65	-1242.11	151.73	508.18	-375.99
32780	86.19	-2.50	10.41	-103.78	-167.44	-1146.64	163.17	567.93	-279.44
32781	87.22	-2.50	10.41	-129.85	-135.78	-1027.15	162.84	602.97	-175.93
32782	88.25	-2.50	10.41	-157.02	-104.69	-896.50	149.96	608.03	-72.36
32783	89.28	-2.50	10.41	-172.49	-74.69	-767.10	126.94	583.61	25.02
32784	90.31	-2.50	10.41	-174.61	-46.88	-647.98	96.63	536.04	111.82
32785	91.34	-2.50	10.41	-162.48	-21.31	-542.36	61.70	470.48	185.48
32786	92.38	-2.50	10.41	-138.78	1.98	-450.71	24.22	390.59	244.66
32787	93.41	-2.50	10.41	-106.42	23.00	-373.12	-14.56	296.68	288.55
32788	94.44	-2.50	10.41	-65.60	41.28	-313.13	-54.04	186.73	315.60
32789	78.96	-3.10	10.41	-145.37	-287.15	-1173.15	-4.26	197.40	-618.71
32790	79.99	-3.10	10.41	-147.67	-283.16	-1142.90	16.54	213.36	-606.50
32791	81.01	-3.10	10.41	-136.80	-276.16	-1130.61	40.01	235.01	-586.19
32792	82.04	-3.10	10.41	-118.00	-265.58	-1127.92	66.55	269.18	-554.37
32793	83.06	-3.10	10.41	-98.11	-250.65	-1122.40	94.55	318.66	-507.77
32794	84.09	-3.10	10.41	-85.77	-230.57	-1101.53	121.20	379.66	-444.56
32795	85.11	-3.10	10.41	-84.91	-205.60	-1055.34	142.19	443.90	-365.16
32796	86.14	-3.10	10.41	-98.89	-177.48	-982.24	153.55	498.15	-273.21
32797	87.16	-3.10	10.41	-118.10	-146.54	-887.31	154.16	532.89	-174.11
32798	88.19	-3.10	10.41	-139.79	-114.98	-780.45	142.79	542.76	-74.22
32799	89.21	-3.10	10.41	-152.85	-83.65	-671.71	121.58	526.89	20.47
32800	90.24	-3.10	10.41	-155.27	-53.88	-568.92	93.09	489.76	105.70
32801	91.26	-3.10	10.41	-145.90	-26.03	-475.21	59.83	435.20	178.89
32802	92.29	-3.10	10.41	-126.60	-0.34	-391.44	23.79	365.94	238.66
32803	93.31	-3.10	10.41	-99.59	23.12	-318.23	-13.88	281.99	284.24
32804	94.34	-3.10	10.41	-65.12	43.71	-258.77	-52.24	181.99	313.84
32805	78.98	-2.50	8.72	-56.97	-244.85	-1387.70	-3.18	182.84	-601.36
32806	80.04	-2.50	8.72	-63.83	-240.54	-1356.57	26.38	231.31	-584.41
32807	81.10	-2.50	8.72	-64.02	-232.03	-1330.54	55.58	281.50	-555.50
32808	82.15	-2.50	8.72	-61.10	-219.44	-1304.01	83.55	336.94	-513.82
32809	83.21	-2.50	8.72	-60.18	-203.16	-1269.87	108.83	397.43	-458.92
32810	84.27	-2.50	8.72	-64.85	-183.56	-1221.61	129.21	459.34	-391.54
32811	85.33	-2.50	8.72	-77.62	-161.72	-1155.99	142.46	516.06	-313.75
32812	86.39	-2.50	8.72	-96.63	-138.64	-1073.72	147.08	560.54	-228.89
32813	87.45	-2.50	8.72	-119.11	-115.32	-979.57	142.27	586.71	-141.34
32814	88.50	-2.50	8.72	-139.05	-92.51	-880.42	128.63	591.37	-55.60
32815	89.56	-2.50	8.72	-152.89	-71.01	-783.48	107.48	574.20	24.30
32816	90.62	-2.50	8.72	-157.08	-51.12	-694.43	80.71	536.48	95.17
32817	91.68	-2.50	8.72	-150.82	-33.07	-617.29	50.31	480.42	154.69
32818	92.74	-2.50	8.72	-134.26	-16.91	-554.68	17.99	407.63	201.34
32819	93.79	-2.50	8.72	-107.81	-2.64	-509.21	-14.77	319.36	233.96
32820	94.85	-2.50	8.72	-71.17	9.56	-484.62	-46.66	217.02	251.34
32821	78.98	-3.10	8.72	-66.55	-249.13	-1182.60	-1.82	175.67	-584.49
32822	80.03	-3.10	8.72	-73.72	-245.46	-1152.85	25.68	215.98	-567.74
32823	81.08	-3.10	8.72	-73.98	-238.03	-1129.77	52.86	257.53	-539.86
32824	82.13	-3.10	8.72	-70.50	-226.75	-1108.65	79.03	303.84	-500.03
32825	83.18	-3.10	8.72	-67.66	-211.68	-1083.11	102.81	355.37	-447.82
32826	84.24	-3.10	8.72	-69.17	-193.20	-1046.91	122.20	409.46	-383.70
32827	85.29	-3.10	8.72	-77.55	-171.95	-996.44	135.20	460.45	-309.48
32828	86.34	-3.10	8.72	-91.64	-148.60	-931.36	140.18	502.18	-228.19
32829	87.39	-3.10	8.72	-109.54	-124.38	-854.90	136.23	528.90	-143.84
32830	88.44	-3.10	8.72	-126.11	-100.12	-772.45	123.81	537.09	-60.64
32831	89.50	-3.10	8.72	-138.17	-76.74	-690.00	104.02	525.77	17.58
32832	90.55	-3.10	8.72	-142.43	-54.76	-612.55	78.60	495.39	87.69
32833	91.60	-3.10	8.72	-137.84	-34.56	-543.84	49.39	447.33	147.43
32834	92.65	-3.10	8.72	-124.20	-16.32	-486.58	18.02	382.64	195.22
32835	93.70	-3.10	8.72	-101.58	-0.14	-443.50	-14.16	302.18	229.94
32836	94.76	-3.10	8.72	-69.68	13.67	-418.04	-45.66	207.56	250.05
32837	78.97	-2.50	7.03	-8.73	-195.68	-1325.91	-5.51	161.78	-530.30
32838	80.08	-2.50	7.03	-19.31	-192.90	-1296.71	22.61	224.19	-513.23
32839	81.16	-2.50	7.03	-28.09	-186.81	-1265.43	49.05	285.00	-484.31
32840	82.25	-2.50	7.03	-36.84	-177.74	-1229.97	72.74	345.40	-443.87
32841	83.33	-2.50	7.03	-47.60	-166.09	-1187.51	92.41	404.76	-392.69
32842	84.42	-2.50	7.03	-62.09	-152.52	-1135.84	106.73	460.58	-332.24
32843	85.50	-2.50	7.03	-80.50	-137.67	-1074.39	114.58	509.12	-264.73
32844	86.59	-2.50	7.03	-101.80	-122.29	-1004.79	115.28	546.32	-193.01
32845	87.67	-2.50	7.03	-123.30	-107.04	-930.58	108.79	568.78	-120.29
32846	88.76	-2.50	7.03	-142.03	-92.51	-856.53	95.72	574.28	-49.76
32847	89.84	-2.50	7.03	-154.75	-79.05	-787.64	77.22	561.86	15.66
32848	90.93	-2.50	7.03	-159.23	-66.86	-728.41	54.79	531.50	73.51
32849	92.01	-2.50	7.03	-153.96	-55.96	-682.36	30.01	483.63	121.90
32850	93.10	-2.50	7.03	-138.44	-46.26	-652.10	4.45	419.05	159.37
32851	94.18	-2.50	7.03	-112.80	-37.60	-639.47	-20.49	339.13	184.86
32852	95.27	-2.50	7.03	-77.46	-29.81	-645.85	-43.37	246.19	197.35
32853	78.99	-3.10	7.03	-19.33	-204.53	-1146.20	-4.41	154.31	-521.65
32854	80.07	-3.10	7.03	-29.55	-201.81	-1119.05	22.18	208.71	-504.83
32855	81.15	-3.10	7.03	-37.46	-195.83	-1091.74	47.18	261.63	-476.86
32856	82.23	-3.10	7.03	-44.65	-186.79	-1062.40	69.66	314.49	-438.01
32857	83.30	-3.10	7.03	-53.07	-175.02	-1028.26	88.46	367.06	-388.94
32858	84.38	-3.10	7.03	-64.44	-161.00	-986.97	102.32	417.32	-330.95
32859	85.46	-3.10	7.03	-79.26	-145.36	-937.47	110.13	462.09	-266.02
32860	86.54	-3.10	7.03	-96.90	-128.87	-880.61	111.19	497.59	-196.76
32861	87.62	-3.10	7.03	-115.14	-112.19	-819.04	105.38	520.50	-126.12
32862	88.70	-3.10	7.03	-131.47	-95.97	-756.63	93.18	528.43	-57.13
32863	89.78	-3.10	7.03	-142.94	-80.69	-697.65	75.60	520.02	7.43
32864	90.86	-3.10	7.03	-147.41	-66.67	-646.14	53.98	494.78	65.19
32865	91.94	-3.10	7.03	-143.32	-54.04	-605.41	29.84	452.69	114.26
32866	93.01	-3.10	7.03	-129.96	-42.83	-578.07	4.65	394.16	153.18
32867	94.09	-3.10	7.03	-107.22	-32.96	-566.12	-20.25	320.21	180.86
32868	95.17	-3.10	7.03	-75.43	-24.30	-570.87	-43.35	233.21	195.99

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]
32869	79.01	-2.50	5.34	14.86	-157.57	-1229.29	-8.89	141.25	-463.89
32870	80.12	-2.50	5.34	2.41	-156.15	-1203.76	14.47	208.68	-448.59
32871	81.23	-2.50	5.34	-11.41	-152.57	-1172.89	35.81	273.14	-422.74
32872	82.34	-2.50	5.34	-27.08	-147.11	-1136.43	54.13	334.62	-387.05
32873	83.45	-2.50	5.34	-45.24	-140.16	-1093.90	68.43	392.27	-342.62
32874	84.56	-2.50	5.34	-66.17	-132.21	-1045.26	77.85	444.40	-290.99
32875	85.68	-2.50	5.34	-89.46	-123.79	-991.45	81.78	488.73	-234.14
32876	86.79	-2.50	5.34	-113.78	-115.43	-934.64	80.00	522.92	-174.36
32877	87.90	-2.50	5.34	-137.09	-107.56	-878.17	72.72	544.93	-114.06
32878	89.01	-2.50	5.34	-156.78	-100.51	-826.13	60.60	553.26	-55.62
32879	90.12	-2.50	5.34	-170.19	-94.45	-782.88	44.68	546.94	-1.20
32880	91.23	-2.50	5.34	-174.81	-89.36	-752.50	26.28	525.23	47.34
32881	92.35	-2.50	5.34	-168.81	-85.06	-738.15	6.84	487.49	88.41
32882	93.46	-2.50	5.34	-151.33	-81.21	-741.47	-12.16	433.16	120.72
32883	94.57	-2.50	5.34	-123.15	-77.38	-762.10	-29.42	362.48	143.14
32884	95.68	-2.50	5.34	-86.49	-72.95	-797.84	-44.09	277.30	154.89
32885	79.00	-3.10	5.34	5.73	-164.55	-1076.44	-7.99	134.24	-462.05
32886	80.11	-3.10	5.34	-6.18	-162.98	-1052.79	14.43	194.60	-446.94
32887	81.21	-3.10	5.34	-18.88	-159.12	-1025.56	34.92	252.31	-421.80
32888	82.32	-3.10	5.34	-32.81	-153.21	-994.45	52.55	307.60	-387.26
32889	83.43	-3.10	5.34	-48.68	-145.61	-958.82	66.41	359.89	-344.31
32890	84.53	-3.10	5.34	-66.89	-136.77	-918.34	75.66	407.77	-294.37
32891	85.64	-3.10	5.34	-87.24	-127.24	-873.52	79.72	449.22	-239.23
32892	86.74	-3.10	5.34	-108.68	-117.54	-825.96	78.29	482.02	-181.01
32893	87.85	-3.10	5.34	-129.49	-108.18	-778.36	71.53	504.12	-121.97
32894	88.95	-3.10	5.34	-147.34	-99.55	-734.22	59.99	513.88	-64.36
32895	90.06	-3.10	5.34	-159.77	-91.92	-697.41	44.60	510.09	-10.25
32896	91.17	-3.10	5.34	-164.39	-85.36	-671.65	26.56	491.76	38.55
32897	92.27	-3.10	5.34	-159.35	-79.80	-659.96	7.24	458.00	80.50
32898	93.38	-3.10	5.34	-143.69	-74.99	-664.04	-11.93	408.06	114.29
32899	94.48	-3.10	5.34	-117.90	-70.59	-683.80	-29.65	341.94	138.81
32900	95.59	-3.10	5.34	-84.11	-65.98	-717.31	-45.01	261.61	152.99
32901	64.44	-3.97	17.16	-65.77	-201.02	44.38	203.37	-7.51	206.69
32902	65.34	-3.97	17.16	-95.46	-156.92	-7.13	326.73	10.75	145.91
32903	66.25	-3.97	17.16	-140.04	-115.96	-28.21	433.23	-2.28	116.09
32904	67.15	-3.97	17.16	-214.39	-79.07	-43.24	528.35	-33.18	93.67
32905	68.06	-3.97	17.16	-336.28	-48.01	-66.78	612.11	-84.60	68.63
32906	68.96	-3.97	17.16	-533.24	-28.32	-119.04	679.18	-175.71	30.92
32907	69.86	-3.97	17.16	-855.46	-34.42	-249.47	717.87	-360.07	-36.93
32908	70.77	-3.96	17.16	-1401.64	-111.43	-601.96	715.68	-787.35	-164.37
32909	71.67	-3.96	17.16	-2399.66	-516.19	-2611.98	681.33	-2054.35	-401.92
32910	72.58	-3.96	17.16	-644.65	-600.22	-4054.20	210.39	-346.97	-295.76
32911	73.48	-3.96	17.16	-587.79	-392.93	-3303.49	178.95	56.75	-458.21
32912	74.38	-3.96	17.16	-608.92	-257.95	-3106.67	123.60	181.33	-514.43
32913	75.29	-3.96	17.16	-590.97	-188.02	-3012.28	73.13	234.61	-545.40
32914	76.19	-3.95	17.16	-557.79	-148.15	-2915.15	33.19	276.03	-571.50
32915	77.09	-3.95	17.16	-523.64	-127.19	-2807.11	5.59	312.89	-591.35
32916	78.00	-3.95	17.16	-491.05	-115.47	-2693.01	-21.21	346.54	-602.81
32917	64.79	-5.11	17.16	-99.91	-208.36	46.84	218.72	-25.70	200.23
32918	65.67	-5.11	17.16	-145.82	-153.34	-0.20	331.18	-1.08	144.79
32919	66.55	-5.10	17.16	-200.11	-100.58	-20.11	427.80	-6.08	116.11
32920	67.44	-5.10	17.16	-274.96	-50.13	-33.55	512.79	-26.97	93.74
32921	68.32	-5.09	17.16	-382.90	-2.29	-52.30	585.67	-63.41	68.20
32922	69.20	-5.09	17.16	-540.67	40.05	-91.03	641.15	-126.70	29.45
32923	70.08	-5.09	17.16	-776.40	67.58	-182.50	668.12	-249.12	-40.48
32924	70.96	-5.08	17.16	-1143.96	68.32	-420.43	649.77	-520.46	-174.62
32925	71.84	-5.08	17.16	-1828.88	-165.28	-1690.51	667.98	-1314.93	-378.11
32926	72.72	-5.07	17.16	-475.83	-338.40	-2513.07	165.57	-237.69	-297.03
32927	73.60	-5.07	17.16	-415.92	-302.76	-1738.07	153.87	169.10	-575.86
32928	74.48	-5.07	17.16	-340.92	-326.48	-1267.81	114.75	115.13	-769.19
32929	75.37	-5.06	17.16	-298.78	-237.61	-1266.88	22.71	79.46	-764.08
32930	76.25	-5.06	17.16	-287.02	-115.28	-1277.16	51.93	245.70	-736.06
32931	77.13	-5.06	17.16	-381.76	-247.96	-1104.10	150.13	299.40	-732.89
32932	78.01	-5.05	17.16	-280.06	-384.77	-947.83	95.63	255.49	-711.78
32933	65.23	-6.21	17.16	-137.20	-211.25	49.45	233.11	-42.74	191.38
32934	66.08	-6.21	17.16	-195.13	-147.26	7.35	331.78	-12.55	141.46
32935	66.94	-6.20	17.16	-255.92	-85.19	-11.30	416.08	-9.56	114.84
32936	67.79	-6.20	17.16	-328.28	-23.43	-23.05	489.08	-20.00	93.81
32937	68.64	-6.20	17.16	-418.94	39.11	-36.69	550.38	-40.45	70.00
32938	69.49	-6.19	17.16	-533.31	101.74	-61.09	595.95	-73.68	34.99
32939	70.35	-6.19	17.16	-674.64	162.92	-111.35	617.14	-128.81	-25.29
32940	71.20	-6.18	17.16	-843.33	211.57	-234.08	600.99	-227.01	-135.76
32941	72.05	-6.18	17.16	-1044.38	409.49	-626.05	515.14	-426.45	-371.72
32942	72.91	-6.18	17.16	-441.16	250.67	-845.02	222.08	-69.70	-389.60
32943	73.76	-6.17	17.16	-228.53	45.00	-436.21	139.62	220.07	-287.08
32944	74.61	-6.17	17.16	-158.77	90.55	-69.67	115.93	105.82	-273.62
32945	75.46	-6.16	17.16	-66.99	-12.59	-121.80	-63.25	84.23	-486.36
32946	76.32	-6.16	17.16	-120.76	1.95	-121.66	46.03	240.19	-710.72
32947	77.17	-6.16	17.16	-272.88	-9.21	-45.36	213.19	152.30	-518.20
32948	78.02	-6.15	17.16	-123.02	-42.16	-30.88	45.25	156.62	-262.99
32949	65.75	-7.28	17.16	-175.69	-207.73	53.09	246.05	-59.09	179.24
32950	66.57	-7.28	17.16	-241.95	-138.47	15.95	328.44	-23.71	136.04
32951	67.39	-7.27	17.16	-305.89	-69.95	-1.08	398.29	-12.75	112.48
32952	68.21	-7.27	17.16	-373.00	0.57	-10.73	458.14	-12.54	94.37
32953	69.03	-7.27	17.16	-445.03	75.10	-18.88	508.11	-16.89	75.38
32954	69.85	-7.27	17.16	-518.97	156.10	-28.81	546.96	-21.49	50.70
32955	70.67	-7.27	17.16	-583.21	246.34	-42.11	574.03	-18.79	16.17
32956	71.49	-7.27	17.16	-607.47	369.28	-51.87	591.47	13.97	-27.45
32957	72.31	-7.26	17.16	-520.10	478.28	31.05	586.83	161.20	-23.69
32958	73.12	-7.26	17.16	-302.45	454.09	461.47	589.81	398.28	-89.06
32959	73.94	-7.26	17.16	-59.69	172.53	848.46	85.36	173.60	-323.26
32960	74.76	-7.26	17.16	-94.40	196.70	656.67	117.05	51.52	-406.19
32961	75.58	-7.26	17.16	77.41	166.73	689.99	-51.94	339.43	-461.82
32962	76.40	-7.25	17.16	10.01	188.56	1048.69	40.92	241.86	-672.27
32963	77.22	-7.25	17.16	-95.40	163.89	753.69	218.79	-183.27	-494.79
32964	78.04	-7.25	17.16	-69.52	92.46	287.87	54.21	97.79	-197.98
32965	64.02	-3.97	15.47	-60.29	-58.16	103.22	113.76	-60.68	370.57
32966	64.95	-3.97	15.47	-117.09	-79.93	-21.98	129.15	-82.69	290.47
32967	65.88	-3.97	15.47	-203.02	-92.78	-97.91	145.33	-126.15	223.65

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]
32968	66.81	-3.97	15.47	-308.68	-105.42	-161.89	151.11	-199.73	158.73
32969	67.74	-3.97	15.47	-431.21	-124.06	-247.39	140.60	-311.43	81.53
32970	68.67	-3.97	15.47	-563.08	-154.76	-398.11	110.60	-474.42	-23.64
32971	69.61	-3.96	15.47	-673.63	-204.41	-692.35	64.40	-701.34	-174.18
32972	70.54	-3.96	15.47	-661.59	-280.08	-1301.99	23.16	-957.71	-380.90
32973	71.47	-3.96	15.47	-122.88	-272.02	-1932.21	48.71	-738.23	-569.02
32974	72.40	-3.96	15.47	-181.11	-257.80	-2327.07	221.69	-366.42	-656.41
32975	73.33	-3.96	15.47	-266.42	-162.53	-2328.99	245.76	124.59	-538.43
32976	74.26	-3.96	15.47	-354.33	6.14	-1982.56	208.57	278.92	-399.85
32977	75.19	-3.96	15.47	-384.36	120.66	-1731.19	145.42	290.60	-296.51
32978	76.12	-3.95	15.47	-376.20	183.58	-1574.90	81.75	277.76	-234.36
32979	77.05	-3.95	15.47	-354.08	211.81	-1462.39	27.04	270.83	-202.06
32980	77.98	-3.95	15.47	-331.85	222.04	-1365.37	-25.02	274.27	-191.13
32981	64.36	-5.11	15.47	-74.21	-61.92	114.13	118.50	-81.16	358.15
32982	65.27	-5.10	15.47	-121.47	-82.04	1.60	133.58	-89.34	283.55
32983	66.18	-5.10	15.47	-192.44	-92.74	-67.69	147.19	-114.42	219.57
32984	67.09	-5.10	15.47	-275.81	-102.58	-123.44	150.14	-162.15	156.37
32985	68.00	-5.09	15.47	-366.02	-117.33	-191.52	137.43	-235.52	81.03
32986	68.91	-5.09	15.47	-454.30	-141.86	-302.42	106.20	-339.05	-20.89
32987	69.81	-5.08	15.47	-517.04	-179.93	-505.29	58.85	-473.55	-165.78
32988	70.72	-5.08	15.47	-490.30	-234.62	-893.99	14.24	-604.94	-364.06
32989	71.63	-5.08	15.47	-125.50	-216.87	-1252.94	5.37	-418.12	-567.93
32990	72.54	-5.07	15.47	-208.05	-171.85	-1457.15	153.05	-177.47	-705.93
32991	73.45	-5.07	15.47	-251.21	-147.15	-1482.76	130.28	99.60	-693.23
32992	74.36	-5.07	15.47	-318.29	-69.88	-1316.81	122.14	219.77	-691.64
32993	75.27	-5.06	15.47	-318.40	-5.98	-1152.96	117.10	245.86	-690.24
32994	76.18	-5.06	15.47	-305.40	25.14	-1049.42	82.91	240.56	-670.22
32995	77.09	-5.06	15.47	-275.21	62.35	-982.91	36.04	257.84	-640.47
32996	78.00	-5.05	15.47	-269.93	83.84	-899.88	-1.71	297.47	-620.72
32997	64.79	-6.21	15.47	-89.02	-64.64	125.97	122.58	-98.70	340.99
32998	65.67	-6.21	15.47	-125.72	-83.25	26.74	137.43	-93.69	273.31
32999	66.55	-6.20	15.47	-180.54	-92.45	-35.23	149.27	-100.91	214.49
33000	67.43	-6.20	15.47	-240.70	-100.40	-82.10	151.21	-122.90	156.17
33001	68.31	-6.19	15.47	-298.29	-112.49	-131.91	139.57	-157.97	87.72
33002	69.19	-6.19	15.47	-343.50	-132.84	-201.88	112.43	-202.42	-2.39
33003	70.08	-6.19	15.47	-359.49	-164.51	-312.67	71.57	-246.08	-126.59
33004	70.96	-6.18	15.47	-315.80	-203.13	-481.17	27.51	-254.63	-294.22
33005	71.84	-6.18	15.47	-156.89	-266.64	-609.97	21.52	-114.95	-462.07
33006	72.72	-6.18	15.47	-179.61	-209.75	-612.52	101.40	61.09	-604.32
33007	73.60	-6.17	15.47	-223.44	-137.90	-515.20	101.51	194.00	-683.22
33008	74.48	-6.17	15.47	-249.71	-122.99	-369.39	67.95	244.59	-730.90
33009	75.36	-6.16	15.47	-240.07	-53.23	-234.71	70.32	240.08	-744.93
33010	76.25	-6.16	15.47	-220.73	-13.82	-168.71	65.00	208.58	-732.28
33011	77.13	-6.16	15.47	-165.84	-10.19	-146.93	54.11	225.76	-723.58
33012	78.01	-6.15	15.47	-141.71	-15.58	-98.90	34.73	282.25	-700.56
33013	65.29	-7.28	15.47	-103.71	-66.47	139.33	125.99	-112.16	319.27
33014	66.14	-7.27	15.47	-129.42	-83.66	53.99	140.89	-94.89	260.75
33015	66.99	-7.27	15.47	-167.57	-91.52	0.29	152.31	-84.99	209.44
33016	67.84	-7.27	15.47	-204.97	-97.71	-36.82	155.76	-82.27	159.53
33017	68.69	-7.27	15.47	-232.45	-106.85	-67.95	149.31	-81.24	103.70
33018	69.54	-7.27	15.47	-240.67	-122.06	-98.67	132.74	-72.46	35.03
33019	70.39	-7.27	15.47	-219.17	-144.62	-126.50	107.93	-39.56	-51.79
33020	71.24	-7.26	15.47	-163.11	-176.83	-126.14	79.26	44.38	-155.69
33021	72.08	-7.26	15.47	-108.87	-205.49	-40.47	46.84	185.13	-281.25
33022	72.93	-7.26	15.47	-140.71	-188.71	128.94	-9.45	302.33	-422.38
33023	73.78	-7.26	15.47	-204.67	-77.91	357.66	60.46	370.91	-532.91
33024	74.63	-7.26	15.47	-146.77	-25.47	598.85	18.59	338.79	-631.46
33025	75.48	-7.26	15.47	-165.60	6.98	707.07	36.72	257.85	-709.78
33026	76.33	-7.25	15.47	-181.82	11.93	696.32	45.52	198.92	-712.35
33027	77.18	-7.25	15.47	-88.06	39.41	686.29	50.56	194.47	-697.54
33028	78.03	-7.25	15.47	22.68	69.47	693.05	37.82	238.11	-666.01
33029	63.60	-3.97	13.78	-57.52	35.21	59.80	64.82	-114.01	354.62
33030	64.56	-3.97	13.78	-106.77	-5.81	-83.47	32.39	-190.32	291.76
33031	65.51	-3.97	13.78	-170.22	-42.24	-198.45	3.09	-261.31	222.92
33032	66.47	-3.97	13.78	-238.22	-77.74	-308.55	-27.96	-342.43	144.18
33033	67.43	-3.97	13.78	-296.00	-115.65	-441.58	-63.06	-438.63	49.28
33034	68.39	-3.97	13.78	-322.64	-158.00	-628.18	-99.25	-542.64	-68.26
33035	69.35	-3.96	13.78	-288.06	-202.96	-894.10	-125.86	-623.26	-209.50
33036	70.30	-3.96	13.78	-163.48	-235.27	-1191.99	-123.48	-597.60	-357.39
33037	71.26	-3.96	13.78	-112.22	-263.73	-1472.03	-86.05	-489.90	-488.05
33038	72.22	-3.96	13.78	-3.04	-259.98	-1657.78	-37.26	-282.31	-573.71
33039	73.18	-3.96	13.78	-17.65	-243.98	-1696.63	37.92	-31.99	-604.25
33040	74.14	-3.96	13.78	-119.27	-216.18	-1585.17	77.43	176.87	-571.70
33041	75.10	-3.96	13.78	-213.29	-168.81	-1390.44	77.71	268.45	-516.29
33042	76.05	-3.95	13.78	-267.90	-128.57	-1215.55	56.07	287.40	-467.24
33043	77.01	-3.95	13.78	-292.42	-101.67	-1081.88	24.89	280.83	-434.57
33044	77.97	-3.95	13.78	-303.91	-85.86	-979.43	-7.26	267.63	-419.17
33045	63.93	-5.10	13.78	-60.56	35.59	94.31	61.75	-121.46	342.59
33046	64.87	-5.10	13.78	-94.81	-8.00	-35.77	33.83	-178.43	281.33
33047	65.80	-5.10	13.78	-139.93	-46.92	-138.53	7.69	-227.20	214.53
33048	66.74	-5.09	13.78	-187.19	-84.40	-232.27	-20.62	-279.68	138.65
33049	67.68	-5.09	13.78	-224.23	-123.47	-337.28	-52.58	-338.22	48.05
33050	68.61	-5.09	13.78	-236.00	-165.44	-473.60	-85.33	-395.32	-62.79
33051	69.55	-5.08	13.78	-204.75	-207.86	-653.84	-109.87	-427.35	-194.53
33052	70.49	-5.08	13.78	-120.03	-237.98	-842.06	-111.46	-383.16	-333.32
33053	71.42	-5.08	13.78	-95.70	-262.09	-1008.86	-82.68	-288.47	-458.77
33054	72.36	-5.07	13.78	-30.08	-257.02	-1106.73	-56.94	-132.90	-556.30
33055	73.30	-5.07	13.78	-51.35	-212.95	-1105.89	6.55	40.34	-615.59
33056	74.23	-5.07	13.78	-114.89	-163.28	-1018.14	33.83	177.50	-619.23
33057	75.17	-5.06	13.78	-183.28	-112.25	-887.23	38.06	244.42	-605.52
33058	76.11	-5.06	13.78	-222.02	-68.60	-763.26	34.01	264.98	-588.37
33059	77.04	-5.06	13.78	-240.79	-43.03	-660.19	20.93	267.95	-571.22
33060	77.98	-5.05	13.78	-250.14	-28.76	-571.35	-0.74	266.63	-558.93
33061	64.34	-6.21	13.78	-62.90	34.71	131.01	58.21	-125.73	326.09
33062	65.25	-6.20	13.78	-83.10	-10.40	14.58	35.95	-163.58	268.64
33063	66.16	-6.20	13.78	-110.82	-50.99	-75.25	14.42	-191.03	206.78
33064	67.07	-6.20	13.78	-138.46	-89.98	-152.09	-9.17	-216.09	137.28
33065	67.98	-6.19	13.78	-156.25	-130.08	-229.00	-35.63	-238.92	55.76
33066	68.89	-6.19	13.78	-154.63	-172.35	-316.17	-62.64	-252.23	-41.87

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]
33067	69.80	-6.18	13.78	-126.44	-214.40	-414.99	-83.75	-239.84	-156.04
33068	70.71	-6.18	13.78	-76.72	-249.12	-503.71	-88.48	-179.38	-276.75
33069	71.62	-6.18	13.78	-55.87	-258.74	-558.07	-77.11	-83.48	-393.54
33070	72.53	-6.17	13.78	-40.44	-265.49	-556.49	-66.91	38.77	-496.19
33071	73.44	-6.17	13.78	-68.64	-244.92	-491.91	-34.66	153.06	-580.29
33072	74.35	-6.17	13.78	-120.24	-195.29	-383.72	-4.56	232.71	-632.51
33073	75.26	-6.16	13.78	-168.92	-159.04	-266.97	10.15	262.62	-658.97
33074	76.17	-6.16	13.78	-191.21	-125.93	-166.32	15.27	267.86	-667.36
33075	77.08	-6.16	13.78	-201.86	-95.66	-81.17	11.37	266.75	-664.39
33076	77.99	-6.15	13.78	-208.62	-74.85	0.84	2.74	267.33	-660.35
33077	64.84	-7.28	13.78	-64.04	32.27	170.85	54.81	-124.99	305.19
33078	65.72	-7.27	13.78	-71.77	-13.18	68.79	39.10	-144.73	254.32
33079	66.59	-7.27	13.78	-83.77	-54.14	-7.28	23.75	-152.10	200.21
33080	67.47	-7.27	13.78	-94.02	-93.57	-66.68	6.97	-151.97	140.73
33081	68.35	-7.27	13.78	-95.45	-133.70	-116.11	-11.53	-142.83	73.25
33082	69.23	-7.27	13.78	-83.18	-175.52	-157.72	-30.16	-118.28	-4.59
33083	70.11	-7.27	13.78	-57.70	-217.75	-185.52	-45.61	-68.97	-92.87
33084	70.98	-7.26	13.78	-31.06	-255.13	-184.69	-54.56	9.66	-189.26
33085	71.86	-7.26	13.78	-22.80	-280.21	-142.29	-54.11	107.26	-286.50
33086	72.74	-7.26	13.78	-31.99	-291.59	-44.70	-38.68	212.04	-373.28
33087	73.62	-7.26	13.78	-66.53	-298.67	102.76	-48.42	292.70	-457.25
33088	74.50	-7.26	13.78	-136.00	-274.88	265.37	-28.51	327.71	-532.88
33089	75.38	-7.26	13.78	-164.42	-238.91	411.35	-16.05	314.99	-585.18
33090	76.25	-7.25	13.78	-162.01	-200.39	519.41	-2.83	292.83	-621.00
33091	77.13	-7.25	13.78	-168.55	-175.53	602.18	3.04	281.09	-639.24
33092	78.01	-7.25	13.78	-182.73	-159.00	690.73	9.00	272.64	-646.69
33093	63.18	-3.97	12.09	-54.92	67.52	-79.65	28.59	-149.09	277.71
33094	64.16	-3.97	12.09	-93.75	31.32	-190.48	-16.55	-254.05	233.05
33095	65.15	-3.97	12.09	-132.01	-5.62	-302.11	-58.60	-339.45	176.67
33096	66.13	-3.97	12.09	-163.52	-43.47	-419.09	-98.12	-413.62	106.66
33097	67.12	-3.97	12.09	-179.36	-82.79	-552.39	-134.58	-478.31	21.42
33098	68.10	-3.96	12.09	-169.12	-123.27	-710.66	-164.70	-524.92	-79.03
33099	69.09	-3.96	12.09	-128.84	-162.87	-888.91	-182.87	-535.29	-190.67
33100	70.07	-3.96	12.09	-78.88	-201.21	-1074.34	-185.06	-501.25	-305.98
33101	71.06	-3.96	12.09	-10.00	-231.13	-1236.43	-169.10	-407.67	-413.00
33102	72.04	-3.96	12.09	17.90	-254.10	-1342.71	-135.47	-267.04	-499.87
33103	73.03	-3.96	12.09	18.77	-263.71	-1372.04	-97.87	-110.84	-558.40
33104	74.02	-3.96	12.09	-17.00	-263.36	-1328.49	-59.00	34.89	-588.58
33105	75.00	-3.95	12.09	-80.87	-258.48	-1229.95	-30.39	144.66	-593.94
33106	75.99	-3.95	12.09	-143.98	-248.95	-1107.90	-15.77	204.81	-585.83
33107	76.97	-3.95	12.09	-191.28	-239.63	-994.41	-10.93	227.25	-574.51
33108	77.96	-3.95	12.09	-221.59	-233.23	-903.17	-11.02	228.09	-565.09
33109	63.50	-5.10	12.09	-50.89	72.93	-15.39	22.71	-143.03	270.76
33110	64.46	-5.10	12.09	-76.08	32.81	-116.87	-17.24	-227.53	224.31
33111	65.43	-5.09	12.09	-100.25	-8.21	-215.72	-54.22	-291.25	167.90
33112	66.39	-5.09	12.09	-118.49	-49.81	-314.24	-88.82	-341.07	99.96
33113	67.36	-5.09	12.09	-124.57	-92.27	-419.54	-120.35	-378.36	19.01
33114	68.32	-5.08	12.09	-112.13	-134.95	-536.21	-145.87	-397.10	-74.70
33115	69.29	-5.08	12.09	-80.66	-175.56	-659.32	-160.88	-385.84	-177.58
33116	70.25	-5.08	12.09	-45.39	-212.65	-779.06	-162.37	-340.93	-283.46
33117	71.22	-5.07	12.09	-0.70	-239.11	-874.09	-150.06	-254.46	-383.59
33118	72.18	-5.07	12.09	10.38	-255.75	-924.33	-120.86	-138.96	-467.03
33119	73.14	-5.07	12.09	0.77	-262.96	-918.44	-91.46	-17.40	-527.84
33120	74.11	-5.06	12.09	-36.43	-256.88	-862.18	-57.54	90.22	-567.09
33121	75.07	-5.06	12.09	-87.72	-243.76	-771.82	-31.87	168.04	-583.26
33122	76.04	-5.06	12.09	-138.45	-229.00	-669.19	-17.29	211.24	-585.83
33123	77.00	-5.05	12.09	-178.26	-215.32	-572.21	-9.78	227.32	-582.66
33124	77.97	-5.05	12.09	-206.89	-206.49	-489.64	-5.14	225.84	-576.65
33125	63.90	-6.20	12.09	-45.83	75.49	51.38	16.67	-134.67	260.63
33126	64.84	-6.20	12.09	-58.85	32.78	-40.20	-16.63	-198.77	214.61
33127	65.78	-6.20	12.09	-70.52	-10.92	-125.79	-47.28	-241.77	160.96
33128	66.72	-6.19	12.09	-77.15	-54.99	-205.83	-75.56	-268.79	98.17
33129	67.65	-6.19	12.09	-75.04	-99.57	-283.94	-100.89	-281.04	25.17
33130	68.59	-6.19	12.09	-61.23	-143.88	-361.29	-121.01	-274.85	-57.68
33131	69.53	-6.18	12.09	-37.65	-185.93	-433.29	-132.75	-244.52	-147.53
33132	70.47	-6.18	12.09	-13.76	-222.91	-491.27	-134.55	-188.70	-240.12
33133	71.41	-6.18	12.09	6.95	-254.06	-522.54	-125.64	-107.74	-328.99
33134	72.35	-6.17	12.09	6.26	-270.89	-516.60	-104.79	-13.09	-406.72
33135	73.29	-6.17	12.09	-13.78	-276.83	-469.78	-82.15	80.67	-467.66
33136	74.23	-6.17	12.09	-51.62	-274.51	-389.63	-58.83	155.90	-512.83
33137	75.16	-6.16	12.09	-96.06	-261.17	-291.93	-37.77	205.97	-542.51
33138	76.10	-6.16	12.09	-138.43	-245.94	-191.69	-21.37	229.63	-559.14
33139	77.04	-6.16	12.09	-172.38	-233.84	-99.68	-8.94	233.35	-565.53
33140	77.98	-6.15	12.09	-199.65	-226.32	-21.17	1.27	222.43	-562.98
33141	64.38	-7.27	12.09	-39.55	74.83	121.97	11.30	-122.42	247.58
33142	65.29	-7.27	12.09	-42.43	30.91	41.00	-14.39	-167.06	204.49
33143	66.20	-7.27	12.09	-43.71	-13.65	-30.94	-37.54	-190.72	156.15
33144	67.10	-7.27	12.09	-41.04	-58.59	-92.67	-58.38	-197.33	101.46
33145	68.01	-7.27	12.09	-32.86	-103.78	-144.99	-76.41	-187.89	39.86
33146	68.92	-7.27	12.09	-18.75	-148.61	-186.54	-90.17	-160.86	-28.21
33147	69.83	-7.26	12.09	-1.88	-191.59	-212.82	-98.00	-114.69	-100.98
33148	70.73	-7.26	12.09	11.61	-230.37	-216.97	-98.67	-50.53	-174.96
33149	71.64	-7.26	12.09	16.02	-262.90	-190.92	-92.45	27.21	-246.20
33150	72.55	-7.26	12.09	3.12	-287.09	-131.74	-82.98	106.88	-312.79
33151	73.46	-7.26	12.09	-26.66	-299.47	-43.15	-64.04	176.98	-368.91
33152	74.37	-7.26	12.09	-62.79	-305.53	66.79	-50.08	228.00	-413.15
33153	75.27	-7.26	12.09	-107.22	-304.15	184.82	-34.54	256.08	-448.65
33154	76.18	-7.25	12.09	-147.72	-298.44	298.18	-20.23	259.05	-472.94
33155	77.09	-7.25	12.09	-177.45	-290.34	396.90	-5.46	244.11	-485.34
33156	78.00	-7.25	12.09	-202.98	-285.12	475.59	8.41	217.01	-484.63
33157	62.75	-3.97	10.41	-53.17	65.83	-261.82	3.51	-174.75	178.67
33158	63.77	-3.97	10.41	-90.25	37.87	-326.49	-43.17	-286.86	153.76
33159	64.78	-3.97	10.41	-114.98	8.78	-404.75	-84.36	-374.31	115.17
33160	65.79	-3.97	10.41	-129.86	-22.91	-496.56	-121.60	-440.47	62.23
33161	66.80	-3.96	10.41	-129.47	-56.23	-602.48	-153.67	-485.11	-4.37
33162	67.82	-3.96	10.41	-112.17	-90.71	-722.21	-178.83	-506.25	-83.24
33163	68.83	-3.96	10.41	-80.82	-125.75	-851.06	-194.93	-499.89	-171.28
33164	69.84	-3.96	10.41	-38.54	-159.47	-977.36	-199.60	-459.86	-263.21
33165	70.85	-3.96	10.41	-1.60	-191.04	-1086.08	-191.96	-386.78	-352.49



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]
33166	71.87	-3.96	10.41	26.14	-217.95	-1161.79	-173.40	-286.91	-432.27
33167	72.88	-3.96	10.41	30.63	-240.03	-1194.24	-146.24	-171.85	-497.10
33168	73.89	-3.96	10.41	13.08	-255.97	-1181.46	-116.15	-59.97	-544.39
33169	74.91	-3.95	10.41	-20.57	-265.92	-1133.03	-86.49	35.38	-574.91
33170	75.92	-3.95	10.41	-62.39	-271.57	-1063.44	-60.10	106.56	-591.18
33171	76.93	-3.95	10.41	-101.92	-273.78	-988.52	-37.97	152.05	-596.96
33172	77.94	-3.95	10.41	-132.05	-273.89	-921.90	-18.86	177.09	-595.45
33173	63.07	-5.10	10.41	-45.02	78.15	-170.97	-2.68	-157.70	178.99
33174	64.06	-5.09	10.41	-70.61	45.78	-230.38	-44.71	-251.39	150.18
33175	65.05	-5.09	10.41	-85.18	12.09	-298.95	-80.88	-320.13	109.48
33176	66.04	-5.09	10.41	-91.79	-24.06	-375.49	-113.17	-367.45	56.60
33177	67.04	-5.09	10.41	-86.88	-61.51	-459.06	-140.47	-393.59	-7.57
33178	68.03	-5.08	10.41	-70.21	-99.47	-548.36	-161.25	-398.03	-81.62
33179	69.02	-5.08	10.41	-44.83	-136.95	-638.91	-173.77	-378.97	-162.73
33180	70.01	-5.08	10.41	-14.24	-171.97	-721.61	-176.31	-333.60	-246.35
33181	71.01	-5.07	10.41	9.31	-203.54	-785.85	-168.10	-264.41	-326.83
33182	72.00	-5.07	10.41	23.44	-229.27	-821.55	-151.41	-177.71	-398.95
33183	72.99	-5.07	10.41	18.66	-248.00	-823.30	-127.11	-83.49	-458.23
33184	73.98	-5.06	10.41	-2.59	-260.62	-791.74	-100.99	5.02	-502.25
33185	74.98	-5.06	10.41	-36.19	-267.32	-734.96	-74.84	77.94	-532.12
33186	75.97	-5.06	10.41	-74.57	-269.58	-664.70	-51.05	129.94	-549.03
33187	76.96	-5.05	10.41	-110.51	-269.64	-593.23	-30.51	160.89	-555.48
33188	77.95	-5.05	10.41	-138.71	-268.84	-530.33	-12.49	174.76	-553.83
33189	63.46	-6.20	10.41	-36.10	86.40	-77.63	-8.91	-139.93	178.46
33190	64.42	-6.20	10.41	-51.62	50.75	-131.10	-44.85	-214.91	147.30
33191	65.39	-6.19	10.41	-57.45	13.89	-189.61	-74.94	-265.54	106.67
33192	66.36	-6.19	10.41	-57.18	-25.18	-251.20	-101.30	-295.26	56.29
33193	67.33	-6.19	10.41	-48.95	-65.23	-313.57	-123.06	-304.78	-2.77
33194	68.29	-6.18	10.41	-33.58	-105.34	-374.58	-139.01	-294.72	-69.16
33195	69.26	-6.18	10.41	-14.08	-144.38	-429.86	-147.92	-265.01	-140.49
33196	70.23	-6.18	10.41	5.50	-180.84	-472.81	-148.66	-215.84	-213.14
33197	71.20	-6.17	10.41	17.85	-212.45	-496.31	-141.05	-150.67	-282.82
33198	72.16	-6.17	10.41	19.56	-238.91	-494.68	-126.79	-75.65	-345.63
33199	73.13	-6.17	10.41	6.83	-258.67	-466.41	-106.91	-0.01	-398.51
33200	74.10	-6.16	10.41	-18.41	-271.39	-414.51	-84.83	67.77	-439.22
33201	75.06	-6.16	10.41	-52.19	-278.96	-346.08	-62.85	120.10	-467.87
33202	76.03	-6.16	10.41	-88.46	-281.97	-271.13	-42.24	153.94	-485.43
33203	77.00	-6.15	10.41	-121.98	-282.18	-199.32	-23.36	169.68	-493.00
33204	77.97	-6.15	10.41	-148.57	-281.40	-138.19	-6.00	170.75	-491.52
33205	63.92	-7.27	10.41	-26.43	90.05	19.61	-14.22	-120.10	176.86
33206	64.86	-7.27	10.41	-33.56	52.50	-27.40	-43.11	-176.99	145.07
33207	65.80	-7.27	10.41	-32.54	14.15	-75.76	-66.46	-210.74	106.42
33208	66.73	-7.27	10.41	-27.24	-26.05	-122.88	-86.33	-224.76	60.82
33209	67.67	-7.27	10.41	-17.18	-66.87	-165.54	-102.03	-220.12	9.37
33210	68.61	-7.27	10.41	-3.90	-107.53	-200.97	-112.73	-198.31	-46.75
33211	69.55	-7.26	10.41	9.72	-147.05	-225.16	-117.75	-160.65	-105.57
33212	70.48	-7.26	10.41	19.86	-184.14	-233.33	-116.72	-109.29	-164.56
33213	71.42	-7.26	10.41	22.02	-217.27	-221.47	-109.80	-48.59	-220.90
33214	72.36	-7.26	10.41	13.86	-245.07	-187.29	-97.30	15.61	-271.28
33215	73.30	-7.26	10.41	-5.36	-267.28	-131.64	-82.57	75.90	-314.22
33216	74.23	-7.26	10.41	-34.85	-282.97	-59.41	-64.95	125.46	-348.52
33217	75.17	-7.26	10.41	-68.91	-293.35	22.08	-47.56	159.44	-373.07
33218	76.11	-7.25	10.41	-104.07	-299.29	104.31	-30.51	176.65	-388.53
33219	77.04	-7.25	10.41	-136.55	-302.27	179.10	-14.41	177.31	-394.99
33220	77.98	-7.25	10.41	-162.03	-302.77	239.91	0.94	164.43	-392.55
33221	62.33	-3.97	8.72	-62.38	44.55	-462.67	-24.31	-201.09	67.03
33222	63.37	-3.97	8.72	-92.01	28.47	-478.08	-63.09	-311.76	63.72
33223	64.41	-3.97	8.72	-124.85	5.51	-508.03	-101.16	-397.07	45.03
33224	65.45	-3.96	8.72	-134.70	-17.90	-555.27	-131.46	-449.57	13.40
33225	66.49	-3.96	8.72	-126.51	-43.15	-624.52	-155.50	-479.24	-32.52
33226	67.53	-3.96	8.72	-104.95	-70.07	-709.79	-173.88	-488.24	-91.07
33227	68.57	-3.96	8.72	-74.11	-97.92	-803.08	-185.86	-475.29	-158.89
33228	69.61	-3.96	8.72	-39.98	-125.94	-895.32	-190.32	-439.31	-231.76
33229	70.65	-3.96	8.72	-7.42	-152.92	-976.56	-186.46	-380.80	-304.93
33230	71.69	-3.96	8.72	15.98	-178.03	-1037.70	-174.39	-303.72	-373.74
33231	72.73	-3.96	8.72	26.98	-200.09	-1072.46	-155.48	-215.60	-434.23
33232	73.77	-3.96	8.72	23.47	-218.61	-1079.31	-131.54	-125.03	-483.60
33233	74.81	-3.95	8.72	7.51	-233.15	-1061.39	-105.00	-40.94	-520.56
33234	75.85	-3.95	8.72	-15.94	-243.59	-1026.20	-77.72	30.67	-545.20
33235	76.89	-3.95	8.72	-41.37	-250.30	-982.86	-50.89	87.60	-558.36
33236	77.93	-3.95	8.72	-63.58	-253.57	-939.84	-24.97	131.06	-561.06
33237	62.64	-5.10	8.72	-49.96	66.53	-352.64	-29.78	-175.25	76.23
33238	63.66	-5.09	8.72	-70.62	46.31	-365.81	-63.61	-269.86	68.33
33239	64.68	-5.09	8.72	-94.14	18.05	-390.76	-97.07	-340.05	45.31
33240	65.70	-5.09	8.72	-98.50	-10.79	-428.11	-123.46	-379.49	11.10
33241	66.72	-5.08	8.72	-88.47	-41.08	-481.24	-144.01	-397.25	-35.09
33242	67.74	-5.08	8.72	-68.82	-72.39	-544.37	-159.20	-396.09	-91.43
33243	68.76	-5.08	8.72	-43.64	-103.80	-610.37	-168.39	-375.98	-154.78
33244	69.78	-5.07	8.72	-17.96	-134.38	-671.83	-170.69	-337.21	-221.40
33245	70.80	-5.07	8.72	4.30	-162.91	-721.30	-165.71	-281.39	-287.28
33246	71.82	-5.07	8.72	17.61	-188.56	-752.60	-153.58	-212.69	-348.49
33247	72.84	-5.07	8.72	20.05	-210.53	-762.04	-135.86	-137.63	-401.83
33248	73.86	-5.06	8.72	10.60	-228.17	-749.75	-113.98	-63.34	-445.15
33249	74.88	-5.06	8.72	-8.32	-241.54	-719.38	-90.17	3.45	-477.33
33250	75.90	-5.06	8.72	-32.71	-250.90	-677.47	-65.87	58.36	-498.53
33251	76.92	-5.05	8.72	-57.83	-256.64	-631.65	-42.05	99.93	-509.36
33252	77.94	-5.05	8.72	-79.53	-259.34	-588.97	-19.08	129.42	-510.53
33253	63.01	-6.20	8.72	-37.27	83.38	-239.41	-35.33	-150.81	88.06
33254	64.01	-6.19	8.72	-50.18	59.27	-249.14	-63.08	-228.06	76.12
33255	65.01	-6.19	8.72	-65.29	27.11	-269.06	-90.90	-282.88	49.98
33256	66.00	-6.19	8.72	-64.97	-5.57	-297.40	-112.54	-309.99	14.66
33257	67.00	-6.19	8.72	-53.98	-39.20	-335.83	-129.07	-317.32	-29.98
33258	67.99	-6.18	8.72	-36.95	-73.19	-378.76	-140.78	-307.75	-82.08
33259	68.99	-6.18	8.72	-17.70	-106.68	-420.03	-147.14	-282.26	-138.90
33260	69.98	-6.18	8.72	-0.11	-138.69	-453.79	-147.55	-242.10	-197.35
33261	70.98	-6.17	8.72	12.53	-168.34	-474.86	-141.86	-189.76	-254.27
33262	71.98	-6.17	8.72	16.90	-194.51	-479.55	-130.42	-129.53	-306.65
33263	72.97	-6.17	8.72	11.76	-216.62	-466.37	-114.51	-66.82	-352.00
33264	73.97	-6.16	8.72	-2.76	-234.39	-436.71	-95.46	-7.65	-388.77

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]
33265	74.96	-6.16	8.72	-24.32	-247.67	-394.70	-74.80	43.18	-416.06
33266	75.96	-6.16	8.72	-49.46	-256.94	-346.21	-53.78	82.51	-433.78
33267	76.96	-6.15	8.72	-74.25	-262.67	-297.77	-33.18	109.61	-442.26
33268	77.95	-6.15	8.72	-95.40	-265.31	-255.34	-13.35	125.76	-441.97
33269	63.47	-7.27	8.72	-24.65	93.29	-121.25	-39.68	-126.73	101.17
33270	64.43	-7.27	8.72	-31.43	66.15	-127.28	-61.30	-186.62	85.30
33271	65.40	-7.27	8.72	-39.34	32.18	-142.36	-82.84	-226.40	57.56
33272	66.37	-7.27	8.72	-35.41	-2.31	-162.66	-99.38	-242.38	22.83
33273	67.33	-7.27	8.72	-24.52	-37.18	-187.96	-111.62	-241.07	-18.39
33274	68.30	-7.26	8.72	-10.83	-71.93	-212.96	-119.61	-225.12	-64.30
33275	69.27	-7.26	8.72	2.47	-105.88	-232.55	-123.03	-196.09	-112.70
33276	70.23	-7.26	8.72	12.45	-138.15	-242.42	-121.59	-156.04	-161.23
33277	71.20	-7.26	8.72	16.72	-167.88	-239.27	-115.33	-107.96	-207.54
33278	72.17	-7.26	8.72	13.39	-194.35	-221.37	-104.95	-56.00	-249.65
33279	73.13	-7.26	8.72	1.85	-216.87	-189.00	-91.01	-4.91	-285.76
33280	74.10	-7.26	8.72	-16.77	-235.20	-144.53	-75.10	40.66	-314.66
33281	75.07	-7.25	8.72	-40.57	-249.22	-92.35	-57.97	77.10	-335.88
33282	76.03	-7.25	8.72	-66.28	-259.19	-37.99	-40.72	102.28	-349.12
33283	77.00	-7.25	8.72	-90.65	-265.34	12.82	-23.87	116.12	-354.58
33284	77.97	-7.25	8.72	-111.13	-268.16	54.88	-7.78	119.91	-352.50
33285	61.91	-3.97	7.03	-39.81	29.17	-699.13	-41.24	-236.81	-66.15
33286	62.98	-3.97	7.03	-155.47	-2.06	-644.43	-11.23	-377.10	-50.19
33287	64.04	-3.97	7.03	-176.96	-10.17	-590.12	-135.78	-418.96	-30.11
33288	65.11	-3.96	7.03	-168.69	-22.64	-594.54	-147.29	-444.99	-34.66
33289	66.18	-3.96	7.03	-146.64	-39.61	-631.90	-155.90	-460.13	-60.69
33290	67.25	-3.96	7.03	-117.32	-59.46	-688.70	-163.48	-462.22	-102.25
33291	68.31	-3.96	7.03	-84.44	-80.70	-755.40	-169.00	-448.70	-154.11
33292	69.38	-3.96	7.03	-51.03	-102.25	-823.93	-170.81	-418.16	-211.77
33293	70.45	-3.96	7.03	-20.76	-123.40	-886.98	-167.61	-371.03	-271.21
33294	71.51	-3.96	7.03	3.35	-143.45	-938.24	-158.81	-309.80	-328.77
33295	72.58	-3.96	7.03	18.46	-161.82	-973.27	-144.58	-238.71	-381.26
33296	73.65	-3.96	7.03	23.69	-177.91	-990.21	-125.76	-163.28	-426.17
33297	74.72	-3.95	7.03	19.73	-191.27	-990.10	-103.53	-88.81	-461.77
33298	75.78	-3.95	7.03	8.90	-201.60	-976.36	-79.17	-19.60	-487.12
33299	76.85	-3.95	7.03	-5.54	-208.71	-953.87	-53.79	42.02	-501.90
33300	77.92	-3.95	7.03	-20.40	-212.55	-927.59	-28.20	95.84	-506.15
33301	62.20	-5.09	7.03	-25.42	66.63	-575.42	-44.58	-200.59	-45.63
33302	63.25	-5.09	7.03	-122.14	29.86	-524.64	-106.47	-325.49	-36.17
33303	64.30	-5.09	7.03	-138.21	14.74	-472.23	-127.10	-361.03	-22.76
33304	65.35	-5.08	7.03	-128.11	-5.00	-470.23	-136.67	-380.02	-32.55
33305	66.40	-5.08	7.03	-107.15	-28.63	-495.75	-144.30	-388.36	-61.53
33306	67.44	-5.08	7.03	-81.59	-53.98	-536.06	-150.99	-384.64	-103.43
33307	68.49	-5.08	7.03	-54.73	-79.55	-582.56	-155.43	-367.17	-153.23
33308	69.54	-5.07	7.03	-29.06	-104.45	-628.41	-156.10	-335.42	-206.92
33309	70.59	-5.07	7.03	-7.37	-128.07	-667.85	-151.99	-290.50	-261.06
33310	71.64	-5.07	7.03	8.13	-149.81	-696.33	-142.85	-235.14	-312.62
33311	72.69	-5.06	7.03	15.59	-169.17	-711.03	-128.98	-173.31	-358.99
33312	73.73	-5.06	7.03	14.72	-185.74	-711.28	-111.31	-109.70	-398.15
33313	74.78	-5.06	7.03	6.47	-199.17	-698.74	-90.90	-48.67	-428.77
33314	75.83	-5.06	7.03	-6.92	-209.34	-676.81	-68.88	6.50	-450.13
33315	76.88	-5.05	7.03	-22.60	-216.22	-649.94	-46.22	54.16	-462.02
33316	77.93	-5.05	7.03	-37.80	-219.86	-622.50	-23.59	94.41	-464.53
33317	62.57	-6.19	7.03	-10.76	101.53	-447.94	-49.69	-167.94	-17.11
33318	63.59	-6.19	7.03	-89.38	59.03	-398.81	-100.49	-274.06	-13.37
33319	64.62	-6.19	7.03	-99.50	35.58	-348.88	-115.58	-301.76	-7.72
33320	65.64	-6.19	7.03	-88.13	8.65	-342.01	-123.16	-314.52	-23.41
33321	66.67	-6.18	7.03	-69.46	-20.23	-357.25	-129.96	-317.62	-54.79
33322	67.69	-6.18	7.03	-48.80	-49.19	-382.75	-135.74	-309.71	-95.70
33323	68.72	-6.18	7.03	-28.61	-77.25	-411.03	-139.01	-289.71	-141.85
33324	69.74	-6.17	7.03	-10.76	-103.92	-436.58	-138.54	-257.92	-190.02
33325	70.77	-6.17	7.03	2.76	-128.75	-455.10	-133.74	-216.03	-237.52
33326	71.79	-6.17	7.03	10.36	-151.33	-463.58	-124.61	-166.90	-281.99
33327	72.82	-6.17	7.03	11.02	-171.20	-460.57	-111.60	-114.24	-321.43
33328	73.84	-6.16	7.03	4.86	-188.00	-446.44	-95.55	-61.93	-354.31
33329	74.86	-6.16	7.03	-6.96	-201.51	-423.25	-77.42	-13.49	-379.62
33330	75.89	-6.16	7.03	-22.38	-211.63	-394.43	-58.16	28.65	-396.85
33331	76.91	-6.15	7.03	-38.91	-218.39	-363.98	-38.55	63.44	-405.85
33332	77.94	-6.15	7.03	-54.15	-221.87	-335.79	-19.18	91.26	-406.68
33333	63.01	-7.27	7.03	1.62	126.63	-310.74	-55.83	-140.31	19.87
33334	64.00	-7.27	7.03	-59.05	80.16	-261.94	-92.27	-222.39	17.28
33335	65.00	-7.27	7.03	-62.43	49.14	-218.01	-102.20	-241.86	12.31
33336	66.00	-7.27	7.03	-50.84	17.15	-209.07	-108.56	-250.28	-9.73
33337	66.99	-7.26	7.03	-35.97	-14.42	-215.91	-114.64	-249.97	-42.30
33338	67.99	-7.26	7.03	-21.09	-44.57	-228.49	-119.15	-239.33	-80.54
33339	68.99	-7.26	7.03	-7.73	-73.16	-240.90	-120.87	-218.08	-121.44
33340	69.98	-7.26	7.03	2.73	-100.02	-248.96	-119.11	-187.30	-162.73
33341	70.98	-7.26	7.03	8.87	-124.89	-249.74	-113.65	-149.13	-202.46
33342	71.97	-7.26	7.03	9.63	-147.40	-241.50	-104.69	-106.48	-238.89
33343	72.97	-7.26	7.03	4.58	-167.18	-223.88	-92.82	-62.65	-270.62
33344	73.97	-7.26	7.03	-5.90	-183.88	-198.01	-78.70	-20.91	-296.61
33345	74.96	-7.25	7.03	-20.50	-197.28	-166.28	-63.21	16.02	-316.14
33346	75.96	-7.25	7.03	-37.36	-207.30	-132.01	-47.03	46.40	-328.89
33347	76.96	-7.25	7.03	-54.33	-213.95	-98.90	-30.82	69.63	-334.77
33348	77.95	-7.25	7.03	-69.32	-217.28	-70.41	-15.05	86.37	-333.87
33349	61.49	-3.97	5.34	-375.02	-130.06	-1081.86	-300.03	-494.09	-331.92
33350	62.58	-3.97	5.34	-297.26	-50.64	-702.51	-245.78	-393.87	-136.30
33351	63.68	-3.96	5.34	-239.53	-27.98	-634.57	-200.30	-393.54	-74.17
33352	64.77	-3.96	5.34	-196.69	-27.27	-621.04	-171.95	-409.99	-64.25
33353	65.86	-3.96	5.34	-159.39	-38.08	-636.31	-157.38	-423.27	-81.14
33354	66.96	-3.96	5.34	-124.17	-53.53	-669.57	-151.52	-426.22	-113.59
33355	68.05	-3.96	5.34	-90.27	-70.13	-713.74	-149.52	-416.01	-155.32
33356	69.15	-3.96	5.34	-58.25	-86.53	-762.58	-147.76	-391.70	-202.18
33357	70.24	-3.96	5.34	-29.41	-102.23	-810.37	-143.88	-353.78	-250.92
33358	71.34	-3.96	5.34	-5.56	-117.01	-852.23	-136.60	-304.02	-298.72
33359	72.43	-3.96	5.34	11.85	-130.60	-884.48	-125.48	-245.26	-343.07
33360	73.53	-3.95	5.34	21.96	-142.71	-905.10	-110.67	-180.98	-381.86
33361	74.62	-3.95	5.34	24.94	-153.01	-913.83	-92.76	-114.77	-413.43
33362	75.71	-3.95	5.34	21.86	-161.20	-911.96	-72.57	-49.69	-436.58
33363	76.81	-3.95	5.34	14.41	-167.05	-901.83	-50.98	12.22	-450.59

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]
33364	77.90	-3.95	5.34	4.44	-170.41	-886.12	-28.86	70.08	-455.07
33365	61.77	-5.09	5.34	-303.45	-95.45	-929.14	-283.76	-413.66	-303.96
33366	62.85	-5.09	5.34	-237.25	-7.98	-593.14	-229.42	-339.93	-121.29
33367	63.92	-5.08	5.34	-186.15	11.16	-525.85	-181.79	-342.00	-64.90
33368	65.00	-5.08	5.34	-147.50	2.03	-506.43	-154.59	-355.24	-60.36
33369	66.08	-5.08	5.34	-115.01	-18.19	-511.61	-143.07	-364.27	-81.16
33370	67.15	-5.08	5.34	-86.12	-40.57	-531.70	-139.80	-363.47	-115.23
33371	68.23	-5.07	5.34	-59.56	-62.09	-560.23	-139.09	-350.72	-156.41
33372	69.30	-5.07	5.34	-35.39	-82.12	-591.76	-137.59	-325.71	-201.01
33373	70.38	-5.07	5.34	-14.53	-100.61	-621.55	-133.48	-289.46	-246.26
33374	71.46	-5.07	5.34	1.67	-117.51	-645.81	-125.96	-243.95	-289.80
33375	72.53	-5.06	5.34	12.17	-132.68	-661.92	-114.90	-191.95	-329.58
33376	73.61	-5.06	5.34	16.51	-145.88	-668.72	-100.64	-136.58	-363.88
33377	74.68	-5.06	5.34	15.06	-156.88	-666.52	-83.80	-80.88	-391.38
33378	75.76	-5.06	5.34	8.92	-165.46	-656.86	-65.17	-27.29	-411.16
33379	76.84	-5.05	5.34	-0.32	-171.47	-642.07	-45.54	22.67	-422.69
33380	77.91	-5.05	5.34	-11.00	-174.82	-624.64	-25.64	68.50	-425.72
33381	62.13	-6.19	5.34	-229.99	-30.39	-794.77	-273.95	-348.22	-270.69
33382	63.18	-6.19	5.34	-174.14	49.79	-485.64	-205.79	-290.15	-92.42
33383	64.23	-6.19	5.34	-127.51	50.98	-414.49	-155.22	-289.84	-44.61
33384	65.29	-6.18	5.34	-94.33	25.49	-388.71	-133.07	-299.71	-48.36
33385	66.34	-6.18	5.34	-69.91	-3.94	-384.55	-127.07	-305.78	-73.63
33386	67.39	-6.18	5.34	-49.76	-30.87	-392.61	-126.77	-302.46	-108.48
33387	68.45	-6.18	5.34	-31.76	-55.00	-406.98	-127.03	-288.18	-147.84
33388	69.50	-6.17	5.34	-15.81	-76.79	-422.99	-125.47	-263.34	-188.90
33389	70.55	-6.17	5.34	-2.75	-96.61	-436.82	-121.03	-229.40	-229.52
33390	71.61	-6.17	5.34	6.32	-114.52	-445.63	-113.38	-188.55	-267.87
33391	72.66	-6.16	5.34	10.61	-130.42	-447.73	-102.65	-143.40	-302.33
33392	73.71	-6.16	5.34	9.92	-144.12	-442.69	-89.30	-96.71	-331.61
33393	74.76	-6.16	5.34	4.73	-155.40	-431.26	-73.93	-50.99	-354.70
33394	75.82	-6.16	5.34	-3.88	-164.10	-415.13	-57.26	-8.13	-370.92
33395	76.87	-6.15	5.34	-14.45	-170.12	-396.57	-39.95	30.79	-379.92
33396	77.92	-6.15	5.34	-25.53	-173.38	-377.86	-22.63	65.61	-381.53
33397	62.55	-7.27	5.34	-154.40	74.29	-653.20	-242.13	-295.92	-191.65
33398	63.58	-7.27	5.34	-100.75	113.74	-366.47	-162.03	-236.65	-38.84
33399	64.60	-7.27	5.34	-61.23	78.96	-295.30	-122.62	-235.12	-15.00
33400	65.63	-7.26	5.34	-41.11	37.59	-265.61	-113.43	-245.01	-31.48
33401	66.65	-7.26	5.34	-28.97	4.19	-253.73	-113.31	-249.84	-60.59
33402	67.68	-7.26	5.34	-18.88	-23.65	-251.48	-114.58	-244.90	-94.69
33403	68.71	-7.26	5.34	-9.41	-47.96	-253.65	-114.61	-229.85	-130.86
33404	69.73	-7.26	5.34	-1.09	-69.81	-256.35	-112.31	-205.86	-167.25
33405	70.76	-7.26	5.34	5.03	-89.63	-256.62	-107.25	-174.78	-202.34
33406	71.78	-7.26	5.34	7.94	-107.52	-252.50	-99.48	-138.85	-234.77
33407	72.81	-7.26	5.34	7.00	-123.36	-243.04	-89.25	-100.48	-263.39
33408	73.83	-7.26	5.34	2.19	-136.96	-228.36	-77.06	-62.06	-287.24
33409	74.86	-7.25	5.34	-5.95	-148.10	-209.54	-63.46	-25.61	-305.64
33410	75.89	-7.25	5.34	-16.37	-156.63	-188.36	-49.04	7.45	-318.14
33411	76.91	-7.25	5.34	-27.79	-162.46	-166.95	-34.35	36.43	-324.52
33412	77.94	-7.25	5.34	-38.95	-165.53	-147.39	-19.89	61.43	-324.73
33413	78.86	-7.25	17.16	85.56	121.55	370.07	-74.43	347.65	-194.19
33414	79.68	-7.25	17.16	382.33	278.89	1105.04	-226.66	786.74	-473.82
33415	80.50	-7.25	17.16	98.54	296.27	1680.62	-48.06	399.77	-626.99
33416	81.32	-7.26	17.16	7.74	241.26	1301.42	16.77	23.80	-414.41
33417	82.14	-7.26	17.16	173.91	377.82	1825.76	-96.34	772.71	-376.33
33418	82.96	-7.26	17.16	51.35	514.02	2972.40	-54.12	316.31	-116.05
33419	83.78	-7.26	17.16	26.95	922.00	1776.35	-860.80	-1106.69	293.83
33420	84.59	-7.26	17.16	-468.28	759.08	352.62	-730.20	-315.48	183.74
33421	85.41	-7.27	17.16	-575.54	578.22	133.29	-692.03	-136.12	149.28
33422	86.23	-7.27	17.16	-592.72	364.88	36.78	-613.66	-38.64	94.38
33423	87.05	-7.27	17.16	-554.61	236.61	8.82	-553.88	2.84	86.58
33424	87.87	-7.27	17.16	-490.03	136.01	1.35	-500.43	18.18	92.43
33425	88.69	-7.27	17.16	-415.80	51.15	1.57	-444.71	24.40	102.72
33426	89.51	-7.27	17.16	-339.44	-25.03	6.29	-383.18	30.50	117.05
33427	90.33	-7.28	17.16	-262.00	-96.95	17.16	-313.12	44.29	140.37
33428	91.15	-7.28	17.16	-179.80	-169.43	41.72	-230.55	79.00	187.99
33429	78.88	-6.15	17.16	16.12	-21.85	41.35	-55.03	273.32	-269.24
33430	79.73	-6.16	17.16	189.61	97.20	293.66	-201.89	443.49	-508.02
33431	80.58	-6.16	17.16	-38.55	115.16	507.28	-46.06	393.25	-662.20
33432	81.44	-6.16	17.16	-190.00	84.73	423.41	13.30	211.99	-434.96
33433	82.29	-6.17	17.16	-12.71	221.47	672.75	-175.16	507.02	-391.00
33434	83.14	-6.17	17.16	44.48	333.67	1313.95	-137.73	479.02	-280.24
33435	83.99	-6.18	17.16	-140.85	904.38	1204.43	-366.48	-67.55	374.96
33436	84.85	-6.18	17.16	-703.53	1027.83	421.15	-835.50	-187.47	416.93
33437	85.70	-6.18	17.16	-720.14	431.24	26.54	-736.94	-8.03	58.99
33438	86.55	-6.19	17.16	-662.80	296.21	-16.33	-668.93	43.44	47.42
33439	87.41	-6.19	17.16	-570.53	193.80	-20.32	-612.49	47.65	66.93
33440	88.26	-6.20	17.16	-471.66	110.48	-16.35	-551.40	39.91	86.00
33441	89.11	-6.20	17.16	-379.35	36.44	-11.08	-483.36	31.49	102.89
33442	89.96	-6.20	17.16	-296.34	-32.00	-4.03	-407.37	27.33	121.18
33443	90.82	-6.21	17.16	-220.07	-98.38	8.93	-321.27	33.26	148.09
33444	91.67	-6.21	17.16	-144.08	-165.98	38.82	-220.57	62.54	202.63
33445	78.89	-5.05	17.16	-202.25	-341.08	-856.97	31.53	305.60	-706.46
33446	79.77	-5.06	17.16	-122.98	-142.78	-765.67	-82.06	339.96	-715.48
33447	80.65	-5.06	17.16	-199.35	-12.15	-664.63	-45.92	403.90	-687.50
33448	81.53	-5.06	17.16	-304.90	-88.60	-545.58	17.23	382.26	-567.45
33449	82.42	-5.07	17.16	-233.55	-92.24	-433.65	-28.72	397.88	-418.92
33450	83.30	-5.07	17.16	-105.04	30.61	-144.68	-102.13	570.81	-308.72
33451	84.18	-5.07	17.16	-292.96	76.33	195.57	-177.24	613.65	-47.05
33452	85.06	-5.08	17.16	-1212.31	332.20	-12.76	-1011.04	225.68	23.69
33453	85.94	-5.08	17.16	-964.07	296.89	-125.97	-790.60	224.68	-31.11
33454	86.82	-5.09	17.16	-756.25	206.74	-78.98	-732.52	151.21	15.98
33455	87.70	-5.09	17.16	-581.88	140.39	-49.69	-670.41	98.29	56.06
33456	88.58	-5.09	17.16	-442.25	77.38	-32.61	-598.25	62.47	83.11
33457	89.46	-5.10	17.16	-332.25	17.83	-22.23	-516.86	38.36	103.68
33458	90.35	-5.10	17.16	-245.47	-39.65	-13.17	-426.90	23.72	124.28
33459	91.23	-5.11	17.16	-174.27	-97.01	1.46	-326.40	21.54	153.70
33460	92.11	-5.11	17.16	-109.09	-156.20	36.53	-209.54	44.73	214.04
33461	78.90	-3.95	17.16	-466.85	-98.18	-2570.48	-49.68	374.83	-601.81
33462	79.81	-3.95	17.16	-452.47	-76.67	-2431.51	-71.57	398.83	-586.07

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]
33463	80.71	-3.95	17.16	-441.33	-65.37	-2264.76	-89.06	420.88	-555.19
33464	81.61	-3.96	17.16	-426.42	-70.31	-2058.19	-114.63	447.83	-509.18
33465	82.52	-3.96	17.16	-409.21	-89.33	-1813.66	-155.43	486.41	-449.89
33466	83.42	-3.96	17.16	-396.05	-133.45	-1567.68	-202.16	559.61	-352.18
33467	84.32	-3.96	17.16	-457.60	-181.28	-1449.94	-242.65	736.16	-109.30
33468	85.23	-3.96	17.16	-1719.80	-59.24	-962.11	-971.89	1006.60	-110.44
33469	86.13	-3.96	17.16	-1198.92	87.74	-302.13	-870.67	481.56	-70.59
33470	87.04	-3.97	17.16	-829.55	101.59	-146.18	-797.80	260.21	4.92
33471	87.94	-3.97	17.16	-575.57	74.30	-78.98	-723.51	147.39	53.16
33472	88.84	-3.97	17.16	-398.65	36.84	-48.17	-637.79	83.83	82.91
33473	89.75	-3.97	17.16	-274.81	-4.67	-32.68	-543.33	44.48	104.64
33474	90.65	-3.97	17.16	-188.02	-48.00	-21.69	-441.00	19.59	126.09
33475	91.56	-3.97	17.16	-125.88	-93.37	-5.55	-328.29	9.12	157.04
33476	92.46	-3.97	17.16	-76.36	-141.60	34.32	-198.18	25.55	222.77
33477	78.87	-7.25	15.47	15.28	84.20	824.36	-25.78	390.01	-657.84
33478	79.72	-7.25	15.47	-155.61	72.81	1035.85	-38.62	372.23	-673.10
33479	80.57	-7.25	15.47	-198.98	76.62	1198.43	-34.20	295.67	-673.80
33480	81.42	-7.26	15.47	-148.53	117.34	1427.19	-16.80	267.52	-656.66
33481	82.27	-7.26	15.47	-273.89	91.41	1532.86	20.36	48.19	-527.58
33482	83.12	-7.26	15.47	-442.46	35.26	1302.15	-10.90	-235.78	-338.77
33483	83.97	-7.26	15.47	-345.76	-31.65	1018.32	60.22	-324.94	-124.42
33484	84.82	-7.26	15.47	-102.38	12.11	632.83	-126.52	-415.38	51.83
33485	85.66	-7.26	15.47	-127.83	-17.17	252.45	-193.00	-235.42	85.07
33486	86.51	-7.27	15.47	-166.12	-27.01	89.54	-216.64	-98.31	110.41
33487	87.36	-7.27	15.47	-194.16	-40.25	24.18	-216.87	-11.28	138.42
33488	88.21	-7.27	15.47	-200.78	-49.62	5.43	-209.13	38.44	171.17
33489	89.06	-7.27	15.47	-188.05	-57.66	8.86	-196.01	67.52	206.44
33490	89.91	-7.27	15.47	-162.64	-64.11	26.80	-177.66	88.81	245.59
33491	90.76	-7.27	15.47	-133.28	-66.14	60.71	-155.23	111.05	292.62
33492	91.61	-7.28	15.47	-112.95	-57.08	117.24	-133.17	137.51	350.93
33493	78.89	-6.15	15.47	-144.31	2.18	30.69	-35.07	351.78	-694.78
33494	79.77	-6.16	15.47	-226.34	27.43	196.06	-52.98	347.70	-704.98
33495	80.65	-6.16	15.47	-232.27	55.79	314.56	-58.69	288.78	-692.76
33496	81.54	-6.16	15.47	-197.87	69.20	441.58	-57.28	292.81	-680.34
33497	82.42	-6.17	15.47	-286.05	48.84	582.19	-41.10	229.90	-604.58
33498	83.30	-6.17	15.47	-421.39	22.50	580.39	-41.86	51.62	-459.33
33499	84.18	-6.18	15.47	-417.65	-119.86	425.51	-50.07	-83.52	-336.56
33500	85.06	-6.18	15.47	-251.66	-155.24	209.30	-97.28	-114.93	-175.21
33501	85.94	-6.18	15.47	-241.54	-58.38	20.01	-173.66	-25.10	-37.74
33502	86.82	-6.19	15.47	-265.89	-61.74	-61.36	-192.34	59.17	30.21
33503	87.71	-6.19	15.47	-271.15	-58.88	-70.42	-200.48	96.44	94.84
33504	88.59	-6.19	15.47	-252.32	-58.09	-57.72	-200.85	105.86	151.59
33505	89.47	-6.20	15.47	-216.52	-59.74	-37.37	-192.34	104.68	202.20
33506	90.35	-6.20	15.47	-172.19	-62.22	-9.46	-175.34	103.74	252.00
33507	91.23	-6.21	15.47	-128.05	-61.65	33.32	-152.27	109.70	308.37
33508	92.11	-6.21	15.47	-97.27	-50.26	103.75	-129.90	123.97	377.37
33509	78.90	-5.05	15.47	-265.79	93.81	-783.59	-51.22	319.99	-623.19
33510	79.81	-5.06	15.47	-292.40	92.88	-657.41	-68.77	325.24	-636.42
33511	80.72	-5.06	15.47	-296.32	84.69	-552.52	-86.13	295.72	-630.90
33512	81.63	-5.06	15.47	-285.07	81.36	-464.78	-114.79	293.30	-611.00
33513	82.54	-5.07	15.47	-313.04	58.69	-340.20	-142.68	301.66	-591.94
33514	83.45	-5.07	15.47	-393.01	-1.23	-244.33	-150.02	236.39	-539.28
33515	84.36	-5.07	15.47	-450.23	-67.26	-285.93	-177.22	135.36	-470.48
33516	85.27	-5.08	15.47	-300.57	-141.21	-320.01	-55.95	189.12	-324.94
33517	86.18	-5.08	15.47	-362.92	-119.20	-300.32	-141.14	244.23	-156.19
33518	87.09	-5.08	15.47	-385.77	-91.56	-234.81	-170.38	251.36	-33.37
33519	87.99	-5.09	15.47	-360.47	-74.06	-167.82	-189.89	218.50	63.75
33520	88.90	-5.09	15.47	-308.80	-64.06	-118.48	-197.08	177.73	139.27
33521	89.81	-5.10	15.47	-246.04	-59.95	-80.42	-191.24	141.82	200.96
33522	90.72	-5.10	15.47	-181.46	-58.54	-43.12	-174.01	116.45	258.29
33523	91.63	-5.10	15.47	-122.60	-55.19	7.63	-149.31	104.78	321.64
33524	92.54	-5.11	15.47	-81.61	-41.81	91.39	-126.33	105.36	399.14
33525	78.92	-3.95	15.47	-321.54	230.19	-1271.38	-75.11	280.81	-200.58
33526	79.85	-3.95	15.47	-325.67	233.81	-1180.43	-116.48	279.25	-222.81
33527	80.78	-3.95	15.47	-336.64	215.58	-1101.68	-152.68	264.49	-247.99
33528	81.71	-3.96	15.47	-346.10	164.67	-1047.19	-195.57	243.09	-282.42
33529	82.64	-3.96	15.47	-350.85	80.20	-1032.72	-244.22	226.83	-346.56
33530	83.57	-3.96	15.47	-353.55	-35.49	-1066.18	-274.19	245.58	-440.03
33531	84.50	-3.96	15.47	-396.91	-126.26	-1063.96	-267.81	338.03	-511.84
33532	85.43	-3.96	15.47	-285.56	-167.88	-928.27	-98.75	475.74	-407.67
33533	86.36	-3.96	15.47	-509.64	-162.23	-682.38	-130.09	569.44	-226.80
33534	87.29	-3.96	15.47	-520.67	-119.75	-416.81	-163.03	464.03	-69.91
33535	88.23	-3.97	15.47	-455.52	-88.47	-264.70	-187.92	347.44	47.55
33536	89.16	-3.97	15.47	-366.24	-69.70	-176.74	-198.01	251.07	134.10
33537	90.09	-3.97	15.47	-274.75	-59.52	-121.01	-192.27	178.26	202.00
33538	91.02	-3.97	15.47	-189.87	-53.70	-74.86	-173.33	127.35	263.61
33539	91.95	-3.97	15.47	-117.04	-47.12	-16.89	-146.32	97.03	331.43
33540	92.88	-3.97	15.47	-66.78	-31.65	79.73	-122.68	83.24	415.74
33541	78.89	-7.25	13.78	-207.08	-154.27	774.29	21.52	239.35	-635.27
33542	79.77	-7.25	13.78	-222.53	-158.20	850.40	29.16	206.87	-604.07
33543	80.65	-7.25	13.78	-257.30	-170.71	928.73	39.20	154.39	-557.68
33544	81.52	-7.26	13.78	-313.30	-202.52	949.16	57.50	40.62	-482.71
33545	82.40	-7.26	13.78	-307.92	-227.01	869.35	66.12	-85.64	-384.39
33546	83.28	-7.26	13.78	-228.18	-237.20	721.31	66.47	-158.24	-271.09
33547	84.16	-7.26	13.78	-175.10	-230.48	527.95	18.18	-184.50	-176.61
33548	85.04	-7.26	13.78	-149.00	-226.46	346.83	17.14	-153.95	-94.82
33549	85.92	-7.26	13.78	-88.29	-191.01	199.96	-9.70	-111.21	-7.45
33550	86.79	-7.27	13.78	-74.89	-161.93	86.44	-29.75	-35.28	60.12
33551	87.67	-7.27	13.78	-79.08	-132.19	29.12	-43.92	31.92	117.82
33552	88.55	-7.27	13.78	-85.28	-103.82	11.58	-53.59	80.71	170.34
33553	89.43	-7.27	13.78	-86.77	-75.98	20.70	-60.63	112.79	220.01
33554	90.31	-7.27	13.78	-83.64	-47.30	50.20	-66.21	132.62	268.02
33555	91.18	-7.27	13.78	-79.87	-15.59	99.85	-71.88	142.78	314.83
33556	92.06	-7.28	13.78	-80.05	21.61	174.12	-79.68	141.59	359.82
33557	78.91	-6.15	13.78	-230.12	-70.56	85.30	0.98	258.45	-652.17
33558	79.82	-6.16	13.78	-246.35	-78.02	170.22	-3.15	237.61	-637.45
33559	80.73	-6.16	13.78	-269.42	-94.11	252.55	-0.66	204.07	-616.98
33560	81.64	-6.16	13.78	-297.33	-118.59	305.31	11.52	133.44	-575.23
33561	82.55	-6.17	13.78	-294.20	-154.30	287.41	28.82	46.08	-505.42

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]
33562	83.46	-6.17	13.78	-246.33	-196.53	207.39	36.95	-8.07	-415.86
33563	84.37	-6.17	13.78	-191.00	-198.91	97.09	32.96	-17.65	-312.80
33564	85.28	-6.18	13.78	-167.22	-197.96	-4.49	33.39	15.46	-211.30
33565	86.19	-6.18	13.78	-137.11	-197.97	-74.78	25.14	58.32	-108.09
33566	87.10	-6.18	13.78	-130.07	-165.94	-112.89	4.58	108.87	-9.54
33567	88.01	-6.19	13.78	-133.31	-134.25	-117.27	-13.85	146.57	74.73
33568	88.92	-6.19	13.78	-131.34	-103.02	-98.23	-30.37	165.45	148.94
33569	89.83	-6.20	13.78	-120.33	-72.99	-65.13	-44.45	170.87	215.02
33570	90.74	-6.20	13.78	-103.28	-42.95	-19.30	-56.31	168.50	275.56
33571	91.65	-6.20	13.78	-86.32	-10.32	43.48	-67.83	160.13	332.63
33572	92.56	-6.21	13.78	-75.58	27.60	130.84	-81.91	141.83	386.50
33573	78.92	-5.05	13.78	-265.63	-23.53	-487.05	-19.35	261.15	-553.58
33574	79.86	-5.06	13.78	-277.04	-26.82	-409.12	-36.28	241.99	-552.73
33575	80.79	-5.06	13.78	-285.66	-41.38	-346.09	-44.15	215.36	-553.17
33576	81.73	-5.06	13.78	-287.66	-72.31	-304.35	-41.94	177.87	-547.49
33577	82.67	-5.07	13.78	-277.58	-119.47	-303.92	-27.60	135.11	-523.46
33578	83.60	-5.07	13.78	-242.55	-170.60	-346.82	-6.36	116.09	-477.12
33579	84.54	-5.07	13.78	-187.76	-204.81	-387.39	28.56	151.17	-395.24
33580	85.48	-5.08	13.78	-190.63	-205.04	-400.67	25.67	199.78	-295.30
33581	86.41	-5.08	13.78	-181.84	-193.69	-377.75	43.55	244.59	-182.72
33582	87.35	-5.08	13.78	-192.47	-165.40	-329.52	31.26	272.53	-63.85
33583	88.29	-5.09	13.78	-197.73	-131.28	-268.06	10.52	274.03	43.18
33584	89.22	-5.09	13.78	-185.77	-97.82	-206.30	-11.74	255.91	135.07
33585	90.16	-5.09	13.78	-159.40	-66.57	-147.25	-31.63	229.72	213.91
33586	91.10	-5.10	13.78	-125.89	-36.25	-85.01	-48.53	202.00	283.84
33587	92.03	-5.10	13.78	-93.72	-3.98	-9.57	-64.79	173.17	348.43
33588	92.97	-5.10	13.78	-70.14	33.25	90.32	-84.44	136.05	408.61
33589	78.93	-3.95	13.78	-311.90	-80.08	-898.70	-36.09	250.04	-418.10
33590	79.89	-3.95	13.78	-317.13	-84.09	-839.78	-60.93	224.93	-428.19
33591	80.85	-3.95	13.78	-314.37	-98.48	-809.83	-81.44	194.30	-447.71
33592	81.80	-3.96	13.78	-296.76	-124.49	-815.44	-94.35	167.37	-475.39
33593	82.76	-3.96	13.78	-259.40	-160.55	-853.65	-89.56	163.66	-501.68
33594	83.72	-3.96	13.78	-209.60	-193.02	-896.13	-55.57	206.62	-500.60
33595	84.68	-3.96	13.78	-165.91	-213.77	-892.31	3.80	298.93	-444.41
33596	85.64	-3.96	13.78	-204.64	-215.17	-824.58	27.08	387.89	-352.66
33597	86.60	-3.96	13.78	-214.07	-194.11	-702.50	56.53	439.21	-232.01
33598	87.55	-3.96	13.78	-260.21	-162.83	-559.66	51.30	451.96	-98.45
33599	88.51	-3.97	13.78	-269.85	-124.98	-421.33	28.54	410.85	24.93
33600	89.47	-3.97	13.78	-246.23	-89.35	-312.78	1.78	350.28	129.14
33601	90.43	-3.97	13.78	-202.32	-57.45	-226.66	-22.38	288.91	216.44
33602	91.39	-3.97	13.78	-150.61	-27.60	-148.10	-42.84	233.63	292.31
33603	92.34	-3.97	13.78	-101.84	3.33	-60.52	-62.65	182.83	361.43
33604	93.30	-3.97	13.78	-64.26	38.69	51.78	-86.90	126.38	425.61
33605	78.90	-7.25	12.09	-222.51	-282.75	536.33	21.37	181.90	-471.81
33606	79.81	-7.25	12.09	-239.59	-283.73	575.68	34.83	134.44	-446.13
33607	80.72	-7.25	12.09	-248.34	-287.76	580.24	47.60	74.84	-405.75
33608	81.63	-7.26	12.09	-234.94	-288.11	545.16	55.62	17.14	-353.73
33609	82.53	-7.26	12.09	-206.16	-284.52	476.44	59.62	-25.66	-294.26
33610	83.44	-7.26	12.09	-173.96	-274.69	381.58	57.76	-51.20	-232.74
33611	84.35	-7.26	12.09	-130.83	-258.23	275.21	61.72	-51.32	-165.32
33612	85.26	-7.26	12.09	-89.67	-232.33	173.21	52.78	-26.40	-96.91
33613	86.17	-7.26	12.09	-70.50	-205.20	91.38	47.38	16.41	-33.03
33614	87.07	-7.26	12.09	-55.51	-170.41	37.68	37.95	60.27	30.27
33615	87.98	-7.27	12.09	-50.78	-133.76	9.05	26.70	102.31	89.85
33616	88.89	-7.27	12.09	-51.64	-96.51	5.24	14.07	135.26	145.25
33617	89.80	-7.27	12.09	-54.08	-59.39	22.41	0.22	155.99	196.41
33618	90.70	-7.27	12.09	-56.38	-22.42	57.53	-14.86	163.57	243.35
33619	91.61	-7.27	12.09	-58.43	14.39	109.00	-31.38	156.89	285.88
33620	92.52	-7.27	12.09	-60.43	51.07	174.77	-49.91	132.84	324.25
33621	78.92	-6.15	12.09	-218.21	-223.69	43.31	10.22	201.13	-552.38
33622	79.86	-6.16	12.09	-232.07	-226.87	91.37	20.78	170.89	-533.11
33623	80.80	-6.16	12.09	-237.25	-235.31	114.20	33.19	130.85	-502.62
33624	81.74	-6.16	12.09	-226.61	-246.96	103.98	46.84	90.04	-459.82
33625	82.67	-6.17	12.09	-199.67	-255.39	63.51	58.81	61.52	-405.86
33626	83.61	-6.17	12.09	-165.59	-254.44	2.26	69.78	52.46	-341.50
33627	84.55	-6.17	12.09	-131.77	-249.25	-63.16	78.95	66.93	-267.75
33628	85.49	-6.18	12.09	-101.92	-230.98	-118.61	80.59	97.68	-186.76
33629	86.43	-6.18	12.09	-88.54	-201.09	-154.16	77.78	138.71	-103.90
33630	87.37	-6.18	12.09	-82.75	-168.93	-165.57	69.70	175.47	-21.70
33631	88.31	-6.19	12.09	-82.06	-132.07	-156.54	55.39	203.03	56.85
33632	89.25	-6.19	12.09	-82.22	-94.15	-130.72	37.40	218.13	128.80
33633	90.18	-6.19	12.09	-79.93	-56.38	-91.38	17.13	220.18	193.53
33634	91.12	-6.20	12.09	-74.93	-19.05	-40.02	-4.69	209.69	251.01
33635	92.06	-6.20	12.09	-68.62	18.04	23.44	-28.09	185.58	301.44
33636	93.00	-6.20	12.09	-62.05	54.62	97.84	-53.58	144.02	345.07
33637	78.93	-5.05	12.09	-224.48	-203.92	-423.43	-1.59	212.94	-568.43
33638	79.90	-5.05	12.09	-233.46	-207.66	-375.41	4.19	193.32	-557.32
33639	80.86	-5.06	12.09	-231.47	-216.51	-349.84	13.50	169.16	-540.76
33640	81.83	-5.06	12.09	-216.32	-228.47	-351.14	28.45	147.62	-514.51
33641	82.79	-5.06	12.09	-186.74	-239.01	-375.77	47.84	140.63	-474.41
33642	83.76	-5.07	12.09	-151.93	-242.04	-408.06	69.73	157.40	-416.72
33643	84.72	-5.07	12.09	-128.71	-235.35	-432.75	86.58	191.20	-343.81
33644	85.68	-5.07	12.09	-110.75	-220.43	-437.85	102.99	235.11	-255.52
33645	86.65	-5.08	12.09	-111.37	-194.29	-419.07	103.32	276.61	-158.32
33646	87.61	-5.08	12.09	-116.47	-161.52	-378.98	96.36	303.75	-60.48
33647	88.58	-5.08	12.09	-121.23	-124.85	-325.85	79.89	313.44	33.42
33648	89.54	-5.09	12.09	-120.18	-87.20	-265.93	57.18	306.40	119.01
33649	90.51	-5.09	12.09	-111.35	-50.11	-202.17	31.14	285.90	194.55
33650	91.47	-5.09	12.09	-96.83	-13.88	-133.85	3.31	254.42	260.02
33651	92.44	-5.10	12.09	-79.94	21.77	-58.45	-26.12	210.93	315.94
33652	93.40	-5.10	12.09	-62.54	56.85	23.93	-57.89	150.18	362.60
33653	78.94	-3.95	12.09	-237.78	-230.21	-836.93	-11.97	217.45	-558.99
33654	79.93	-3.95	12.09	-240.83	-230.68	-796.80	-10.45	201.78	-555.25
33655	80.91	-3.95	12.09	-229.59	-234.57	-784.12	-3.43	187.86	-550.92
33656	81.90	-3.95	12.09	-203.25	-240.61	-795.97	12.39	185.99	-540.06
33657	82.88	-3.96	12.09	-166.84	-245.07	-820.17	38.27	207.44	-513.74
33658	83.87	-3.96	12.09	-133.43	-244.18	-835.24	69.28	255.78	-465.13
33659	84.86	-3.96	12.09	-119.63	-233.86	-824.64	95.46	317.97	-394.62
33660	85.84	-3.96	12.09	-116.22	-213.02	-777.83	118.92	381.16	-302.09

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]
33661	86.83	-3.96	12.09	-137.91	-184.53	-698.95	124.82	426.49	-195.59
33662	87.81	-3.96	12.09	-154.54	-149.74	-600.66	118.54	442.05	-85.38
33663	88.80	-3.96	12.09	-166.71	-113.04	-498.61	99.82	431.65	20.54
33664	89.78	-3.97	12.09	-164.07	-76.26	-400.92	72.81	398.90	116.30
33665	90.77	-3.97	12.09	-147.19	-40.91	-311.06	41.83	352.74	199.37
33666	91.75	-3.97	12.09	-121.34	-7.06	-225.28	9.03	298.00	269.86
33667	92.74	-3.97	12.09	-92.08	25.73	-138.14	-25.40	233.56	328.46
33668	93.73	-3.97	12.09	-62.31	57.92	-48.03	-62.20	153.20	375.95
33669	78.92	-7.25	10.41	-180.07	-301.80	282.19	15.33	141.49	-380.93
33670	79.86	-7.25	10.41	-188.48	-299.32	302.15	28.61	112.23	-360.32
33671	80.79	-7.25	10.41	-185.38	-294.20	297.99	40.18	82.56	-331.71
33672	81.73	-7.26	10.41	-172.73	-286.25	271.22	50.14	57.87	-295.99
33673	82.67	-7.26	10.41	-151.99	-274.10	225.63	58.07	42.35	-254.14
33674	83.61	-7.26	10.41	-124.96	-257.22	168.44	64.63	40.75	-206.43
33675	84.54	-7.26	10.41	-99.01	-235.11	108.91	66.87	53.44	-155.36
33676	85.48	-7.26	10.41	-77.69	-208.59	55.47	68.17	77.01	-101.64
33677	86.42	-7.26	10.41	-60.74	-177.37	14.13	64.96	107.01	-45.95
33678	87.35	-7.26	10.41	-52.52	-144.47	-11.51	58.91	138.63	9.27
33679	88.29	-7.27	10.41	-49.30	-110.09	-20.01	49.42	165.44	63.17
33680	89.23	-7.27	10.41	-49.62	-75.55	-12.98	36.78	184.00	114.39
33681	90.17	-7.27	10.41	-51.65	-41.56	7.87	21.37	191.44	161.97
33682	91.10	-7.27	10.41	-53.88	-8.66	40.30	3.68	185.64	205.26
33683	92.04	-7.27	10.41	-55.04	22.52	81.57	-16.01	164.68	243.67
33684	92.98	-7.27	10.41	-53.58	51.81	127.95	-37.86	126.61	276.74
33685	78.93	-6.15	10.41	-167.07	-280.66	-91.79	10.50	161.06	-481.17
33686	79.90	-6.15	10.41	-175.55	-279.89	-63.85	26.55	144.73	-461.85
33687	80.87	-6.16	10.41	-173.05	-278.11	-57.36	42.21	127.47	-433.63
33688	81.84	-6.16	10.41	-160.35	-273.55	-70.64	57.03	115.23	-396.63
33689	82.80	-6.16	10.41	-140.54	-264.98	-99.09	70.94	112.66	-350.79
33690	83.77	-6.17	10.41	-117.31	-251.71	-134.88	82.78	122.74	-296.46
33691	84.74	-6.17	10.41	-95.72	-231.67	-169.71	91.01	144.34	-234.90
33692	85.70	-6.17	10.41	-80.49	-206.70	-195.73	95.20	174.23	-167.98
33693	86.67	-6.18	10.41	-71.22	-177.54	-208.07	93.48	205.56	-97.86
33694	87.64	-6.18	10.41	-68.54	-144.42	-205.50	86.01	233.29	-27.64
33695	88.61	-6.18	10.41	-69.26	-109.93	-188.76	73.35	252.25	40.19
33696	89.57	-6.19	10.41	-70.81	-75.07	-160.28	56.09	259.72	103.67
33697	90.54	-6.19	10.41	-71.38	-40.87	-122.41	35.28	254.14	161.22
33698	91.51	-6.19	10.41	-69.92	-8.00	-77.26	11.81	234.26	211.92
33699	92.48	-6.20	10.41	-65.75	23.05	-27.36	-13.79	198.51	255.16
33700	93.44	-6.20	10.41	-57.75	51.67	23.50	-41.34	145.20	290.14
33701	78.95	-5.05	10.41	-157.03	-268.02	-481.13	4.63	177.09	-544.96
33702	79.94	-5.05	10.41	-164.16	-267.31	-449.00	21.93	173.38	-528.62
33703	80.93	-5.06	10.41	-160.22	-266.13	-435.98	40.39	169.82	-503.79
33704	81.92	-5.06	10.41	-146.36	-262.85	-439.34	59.77	172.63	-468.99
33705	82.92	-5.06	10.41	-127.01	-255.52	-452.34	79.31	186.48	-422.99
33706	83.91	-5.07	10.41	-107.86	-243.12	-466.58	97.02	211.74	-365.48
33707	84.90	-5.07	10.41	-92.32	-224.81	-473.37	111.31	246.23	-296.66
33708	85.89	-5.07	10.41	-85.87	-200.11	-466.49	118.17	283.51	-219.57
33709	86.89	-5.08	10.41	-85.62	-170.83	-443.86	118.43	316.06	-137.64
33710	87.88	-5.08	10.41	-90.33	-138.39	-407.43	109.95	338.36	-54.67
33711	88.87	-5.08	10.41	-95.36	-104.54	-360.67	94.25	346.69	25.12
33712	89.86	-5.09	10.41	-97.61	-70.62	-307.51	72.67	340.08	98.76
33713	90.86	-5.09	10.41	-95.49	-37.66	-250.72	46.81	318.66	164.25
33714	91.85	-5.09	10.41	-88.71	-6.27	-192.09	18.05	282.39	220.39
33715	92.84	-5.09	10.41	-77.46	23.08	-133.63	-12.77	230.22	266.51
33716	93.83	-5.10	10.41	-60.95	50.04	-79.16	-45.41	160.30	301.75
33717	78.96	-3.95	10.41	-149.79	-272.88	-871.12	-0.84	189.52	-588.08
33718	79.97	-3.95	10.41	-154.48	-270.90	-839.11	17.92	197.23	-574.58
33719	80.98	-3.95	10.41	-147.06	-267.41	-825.14	38.86	207.78	-553.19
33720	81.99	-3.95	10.41	-130.69	-261.17	-823.69	62.29	227.81	-521.07
33721	83.01	-3.96	10.41	-111.27	-250.87	-825.26	86.75	260.91	-475.72
33722	84.02	-3.96	10.41	-95.80	-235.40	-819.41	109.71	305.39	-415.90
33723	85.03	-3.96	10.41	-88.12	-214.48	-796.68	128.77	355.94	-341.57
33724	86.05	-3.96	10.41	-92.76	-188.72	-753.48	138.96	402.36	-255.91
33725	87.06	-3.96	10.41	-102.96	-158.90	-691.42	139.90	436.23	-163.67
33726	88.07	-3.96	10.41	-117.00	-127.02	-616.52	130.13	451.99	-70.34
33727	89.08	-3.96	10.41	-126.55	-94.40	-535.79	111.42	447.29	18.88
33728	90.10	-3.96	10.41	-129.07	-62.50	-455.31	85.82	424.10	100.15
33729	91.11	-3.97	10.41	-123.17	-32.05	-378.08	55.50	384.52	171.05
33730	92.12	-3.97	10.41	-109.68	-3.49	-305.40	22.24	330.02	230.23
33731	93.13	-3.97	10.41	-89.84	22.86	-238.56	-12.91	260.12	276.93
33732	94.15	-3.97	10.41	-63.56	47.05	-180.87	-49.43	173.42	310.69
33733	78.93	-7.25	8.72	-125.26	-267.81	84.51	7.34	116.38	-343.02
33734	79.90	-7.25	8.72	-131.95	-264.30	99.47	21.27	109.08	-326.46
33735	80.87	-7.25	8.72	-131.24	-257.54	99.12	33.88	101.80	-303.36
33736	81.83	-7.25	8.72	-123.77	-247.16	85.07	44.93	98.00	-274.16
33737	82.80	-7.26	8.72	-111.42	-233.08	60.79	54.23	100.62	-239.34
33738	83.77	-7.26	8.72	-97.15	-215.23	31.07	61.11	110.72	-199.74
33739	84.73	-7.26	8.72	-83.20	-193.93	0.98	65.71	127.79	-155.97
33740	85.70	-7.26	8.72	-71.72	-169.68	-24.83	66.89	149.94	-109.15
33741	86.67	-7.26	8.72	-64.40	-143.43	-42.93	64.93	173.85	-60.58
33742	87.63	-7.26	8.72	-60.51	-115.69	-51.52	59.27	195.76	-11.40
33743	88.60	-7.26	8.72	-59.85	-87.65	-50.37	50.16	212.38	36.95
33744	89.57	-7.27	8.72	-60.88	-60.06	-40.20	37.79	220.49	83.30
33745	90.53	-7.27	8.72	-62.23	-33.50	-22.70	22.50	217.66	126.58
33746	91.50	-7.27	8.72	-62.54	-8.43	-0.11	4.85	201.98	165.92
33747	92.47	-7.27	8.72	-60.30	14.57	24.82	-14.68	172.09	200.45
33748	93.43	-7.27	8.72	-53.92	35.31	48.65	-35.79	127.17	229.59
33749	78.95	-6.15	8.72	-110.33	-265.22	-222.60	5.60	133.78	-433.03
33750	79.94	-6.15	8.72	-117.85	-262.42	-202.10	23.60	137.52	-415.68
33751	80.94	-6.16	8.72	-117.87	-256.59	-195.01	40.47	141.04	-390.34
33752	81.94	-6.16	8.72	-111.69	-247.41	-199.49	55.98	147.91	-357.12
33753	82.93	-6.16	8.72	-101.48	-234.46	-211.74	69.47	160.64	-316.36
33754	83.93	-6.17	8.72	-90.23	-217.47	-226.92	80.17	179.85	-268.73
33755	84.92	-6.17	8.72	-80.61	-196.85	-239.97	87.30	204.39	-215.28
33756	85.92	-6.17	8.72	-74.19	-172.81	-246.95	89.90	231.20	-157.56
33757	86.92	-6.18	8.72	-71.88	-146.29	-245.51	87.67	256.71	-97.50
33758	87.91	-6.18	8.72	-72.62	-118.49	-235.01	80.39	276.88	-37.11
33759	88.91	-6.18	8.72	-75.11	-90.24	-216.34	68.33	288.54	21.54

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]
33760	89.90	-6.19	8.72	-77.58	-62.49	-191.18	52.14	289.11	76.64
33761	90.90	-6.19	8.72	-78.48	-35.94	-161.72	32.59	276.73	126.77
33762	91.89	-6.19	8.72	-76.51	-11.14	-130.47	10.53	250.05	170.75
33763	92.89	-6.19	8.72	-70.42	11.48	-100.39	-13.35	208.09	207.63
33764	93.89	-6.20	8.72	-58.86	31.32	-75.08	-38.33	150.68	236.48
33765	78.96	-5.05	8.72	-94.93	-259.40	-553.78	3.07	150.07	-502.43
33766	79.98	-5.05	8.72	-102.75	-256.87	-528.84	24.57	166.19	-485.19
33767	81.00	-5.06	8.72	-103.16	-251.36	-515.06	45.31	182.24	-458.82
33768	82.02	-5.06	8.72	-98.08	-242.45	-509.86	64.91	201.87	-423.08
33769	83.04	-5.06	8.72	-90.32	-229.80	-508.93	82.49	226.91	-377.93
33770	84.06	-5.07	8.72	-82.94	-213.14	-507.04	96.86	257.29	-323.84
33771	85.08	-5.07	8.72	-78.90	-192.64	-499.55	106.53	290.43	-262.18
33772	86.10	-5.07	8.72	-78.88	-169.07	-483.51	110.63	322.40	-194.89
33773	87.12	-5.07	8.72	-82.93	-143.18	-458.12	108.05	348.86	-124.66
33774	88.14	-5.08	8.72	-88.97	-116.04	-424.50	99.09	365.84	-54.45
33775	89.16	-5.08	8.72	-94.83	-88.70	-385.07	84.17	370.61	13.03
33776	90.18	-5.08	8.72	-98.32	-62.07	-342.62	64.34	361.51	75.40
33777	91.20	-5.09	8.72	-97.89	-36.83	-299.88	40.81	337.58	130.81
33778	92.22	-5.09	8.72	-92.51	-13.48	-259.53	14.73	298.20	177.90
33779	93.24	-5.09	8.72	-81.29	7.57	-224.55	-12.88	243.00	215.59
33780	94.26	-5.10	8.72	-63.08	26.00	-198.70	-41.23	172.16	242.93
33781	78.97	-3.95	8.72	-79.13	-253.67	-902.95	0.25	164.95	-553.98
33782	80.01	-3.95	8.72	-86.69	-250.66	-875.02	25.03	194.42	-537.16
33783	81.05	-3.95	8.72	-87.09	-244.40	-855.78	49.42	224.45	-510.15
33784	82.09	-3.95	8.72	-82.94	-234.58	-841.60	72.83	258.63	-472.34
33785	83.13	-3.96	8.72	-77.83	-220.99	-827.07	94.16	298.11	-423.38
33786	84.17	-3.96	8.72	-75.22	-203.65	-806.45	111.76	341.44	-363.62
33787	85.21	-3.96	8.72	-77.87	-182.93	-775.65	123.59	384.40	-294.66
33788	86.25	-3.96	8.72	-85.47	-159.51	-733.03	128.48	421.92	-219.10
33789	87.29	-3.96	8.72	-97.10	-134.45	-679.91	125.38	448.78	-140.32
33790	88.33	-3.96	8.72	-108.96	-108.70	-619.71	114.58	461.21	-62.02
33791	89.37	-3.96	8.72	-118.35	-83.30	-556.78	96.89	457.41	12.38
33792	90.41	-3.96	8.72	-122.44	-58.94	-495.11	73.74	436.79	80.00
33793	91.45	-3.96	8.72	-119.89	-36.18	-438.01	46.74	399.63	138.71
33794	92.49	-3.97	8.72	-110.10	-15.41	-388.22	17.33	346.24	187.00
33795	93.53	-3.97	8.72	-92.66	3.14	-348.62	-13.25	276.90	223.69
33796	94.57	-3.97	8.72	-66.97	19.46	-322.68	-43.93	192.71	248.25
33797	78.95	-7.25	7.03	-80.83	-217.34	-48.86	-0.09	98.21	-326.32
33798	79.94	-7.25	7.03	-87.98	-214.19	-35.76	13.80	107.25	-312.37
33799	80.94	-7.25	7.03	-90.64	-207.85	-31.61	26.33	115.91	-292.44
33800	81.94	-7.25	7.03	-89.54	-198.40	-35.25	37.22	126.30	-266.91
33801	82.93	-7.26	7.03	-85.94	-185.96	-44.50	46.11	139.73	-236.28
33802	83.93	-7.26	7.03	-81.33	-170.81	-56.57	52.70	156.64	-201.11
33803	84.93	-7.26	7.03	-77.20	-153.35	-68.61	56.50	176.37	-162.18
33804	85.92	-7.26	7.03	-74.60	-134.16	-78.22	57.33	197.31	-120.40
33805	86.92	-7.26	7.03	-73.86	-113.86	-83.80	54.83	217.24	-76.80
33806	87.91	-7.26	7.03	-74.89	-93.22	-84.70	49.04	233.63	-32.54
33807	88.91	-7.26	7.03	-76.77	-72.84	-81.21	40.02	243.86	11.22
33808	89.91	-7.26	7.03	-78.44	-53.35	-74.41	28.07	245.59	53.36
33809	90.90	-7.27	7.03	-78.66	-35.08	-65.90	13.56	236.75	92.87
33810	91.90	-7.27	7.03	-76.22	-18.32	-57.63	-2.86	215.79	128.82
33811	92.90	-7.27	7.03	-69.91	-3.43	-51.83	-20.55	181.82	160.26
33812	93.89	-7.27	7.03	-58.52	9.61	-50.78	-39.03	134.56	186.55
33813	78.96	-6.15	7.03	-66.35	-222.17	-312.20	-0.48	113.62	-399.36
33814	79.99	-6.15	7.03	-74.50	-219.31	-294.94	17.15	132.77	-384.12
33815	81.01	-6.16	7.03	-78.54	-213.29	-284.98	33.36	151.12	-361.40
33816	82.04	-6.16	7.03	-79.27	-204.10	-281.10	47.67	170.72	-331.57
33817	83.06	-6.16	7.03	-78.15	-191.84	-281.06	59.54	192.72	-295.15
33818	84.08	-6.17	7.03	-76.76	-176.78	-282.10	68.40	217.14	-252.90
33819	85.11	-6.17	7.03	-76.46	-159.29	-281.61	73.62	242.84	-205.89
33820	86.13	-6.17	7.03	-78.07	-140.02	-277.68	74.78	267.78	-155.44
33821	87.16	-6.17	7.03	-81.48	-119.66	-269.41	71.59	289.37	-103.11
33822	88.18	-6.18	7.03	-86.05	-98.92	-257.00	64.10	304.96	-50.57
33823	89.21	-6.18	7.03	-90.47	-78.55	-241.50	52.62	312.01	0.58
33824	90.23	-6.18	7.03	-93.32	-59.10	-224.67	37.70	308.40	48.83
33825	91.26	-6.19	7.03	-93.18	-41.02	-208.53	20.08	292.41	92.87
33826	92.28	-6.19	7.03	-88.82	-24.65	-195.33	0.62	262.81	131.54
33827	93.31	-6.19	7.03	-79.19	-10.22	-187.39	-19.86	219.07	163.85
33828	94.33	-6.19	7.03	-63.43	1.95	-186.96	-40.44	161.59	188.76
33829	78.97	-5.05	7.03	-50.45	-220.34	-597.25	-1.49	128.76	-457.68
33830	80.02	-5.05	7.03	-59.47	-217.69	-576.12	19.60	159.52	-441.66
33831	81.07	-5.06	7.03	-64.90	-211.87	-560.03	39.23	189.18	-416.79
33832	82.12	-5.06	7.03	-67.75	-202.93	-547.64	56.78	219.60	-383.37
33833	83.17	-5.06	7.03	-69.63	-190.95	-536.56	71.49	251.61	-341.93
33834	84.21	-5.06	7.03	-72.26	-176.21	-524.12	82.49	284.62	-293.40
33835	85.26	-5.07	7.03	-76.72	-159.18	-508.15	89.00	316.87	-239.11
33836	86.31	-5.07	7.03	-83.45	-140.45	-487.49	90.36	345.76	-180.88
33837	87.36	-5.07	7.03	-91.74	-120.77	-462.27	86.39	368.39	-120.76
33838	88.41	-5.08	7.03	-100.30	-100.91	-433.80	77.19	382.08	-60.94
33839	89.46	-5.08	7.03	-107.31	-81.54	-404.16	63.33	384.58	-3.51
33840	90.50	-5.08	7.03	-111.02	-63.22	-375.83	45.66	374.19	49.64
33841	91.55	-5.08	7.03	-109.92	-46.35	-351.34	25.21	349.68	96.96
33842	92.60	-5.09	7.03	-102.85	-31.21	-333.13	3.09	310.29	137.10
33843	93.65	-5.09	7.03	-89.03	-17.99	-323.48	-19.61	256.02	168.99
33844	94.70	-5.09	7.03	-67.85	-6.78	-324.52	-41.92	187.73	191.62
33845	78.98	-3.95	7.03	-33.28	-213.15	-901.14	-2.99	143.38	-499.96
33846	80.05	-3.95	7.03	-43.01	-210.52	-876.59	21.29	187.09	-483.46
33847	81.12	-3.95	7.03	-49.81	-204.69	-854.33	44.06	229.47	-456.82
33848	82.19	-3.95	7.03	-55.01	-195.76	-832.72	64.54	272.18	-420.28
33849	83.25	-3.96	7.03	-60.43	-183.94	-809.18	81.75	315.48	-374.41
33850	84.32	-3.96	7.03	-67.78	-169.59	-781.20	94.55	358.02	-320.32
33851	85.39	-3.96	7.03	-77.85	-153.26	-747.15	102.01	397.30	-259.69
33852	86.45	-3.96	7.03	-90.54	-135.63	-706.95	103.36	430.03	-194.76
33853	87.52	-3.96	7.03	-104.32	-117.41	-662.04	98.44	453.07	-128.12
33854	88.59	-3.96	7.03	-117.22	-99.33	-615.12	87.54	463.85	-62.46
33855	89.65	-3.96	7.03	-126.79	-81.96	-569.46	71.49	460.56	-0.30
33856	90.72	-3.96	7.03	-131.05	-65.76	-528.40	51.41	442.13	56.17
33857	91.79	-3.96	7.03	-128.42	-51.02	-494.95	28.62	407.96	105.16
33858	92.86	-3.97	7.03	-117.96	-37.89	-471.64	4.47	357.93	145.25

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]
33859	93.92	-3.97	7.03	-99.23	-26.41	-460.65	-19.78	292.60	175.29
33860	94.99	-3.97	7.03	-72.20	-16.45	-463.59	-42.99	213.73	194.66
33861	78.96	-7.25	5.34	-48.81	-165.86	-131.12	-6.07	83.19	-318.80
33862	79.99	-7.25	5.34	-56.78	-163.51	-119.13	6.73	102.84	-306.89
33863	81.01	-7.25	5.34	-62.76	-158.59	-111.88	18.17	121.66	-289.38
33864	82.04	-7.25	5.34	-67.08	-151.25	-108.79	27.89	140.73	-266.65
33865	83.07	-7.26	5.34	-70.44	-141.76	-108.72	35.57	160.69	-239.14
33866	84.09	-7.26	5.34	-73.63	-130.47	-110.29	40.88	181.58	-207.45
33867	85.12	-7.26	5.34	-77.33	-117.82	-112.13	43.53	202.78	-172.28
33868	86.14	-7.26	5.34	-81.86	-104.33	-113.28	43.29	223.14	-134.46
33869	87.17	-7.26	5.34	-87.16	-90.57	-113.35	40.05	241.09	-94.91
33870	88.19	-7.26	5.34	-92.62	-77.06	-112.63	33.82	254.82	-54.62
33871	89.22	-7.26	5.34	-97.27	-64.31	-112.04	24.79	262.42	-14.59
33872	90.25	-7.26	5.34	-99.78	-52.70	-113.02	13.28	261.94	24.21
33873	91.27	-7.26	5.34	-98.86	-42.40	-117.19	-0.23	251.52	60.87
33874	92.30	-7.27	5.34	-93.37	-33.48	-126.06	-15.02	229.60	94.50
33875	93.32	-7.27	5.34	-82.61	-26.02	-140.73	-30.25	195.13	124.11
33876	94.35	-7.27	5.34	-66.77	-19.70	-162.21	-45.48	148.39	148.93
33877	78.98	-6.15	5.34	-35.96	-173.90	-360.33	-5.85	96.89	-375.67
33878	80.03	-6.15	5.34	-45.06	-171.73	-345.16	9.88	125.69	-362.51
33879	81.08	-6.16	5.34	-52.64	-166.94	-333.23	24.08	153.20	-342.47
33880	82.14	-6.16	5.34	-59.10	-159.71	-324.04	36.24	180.42	-315.99
33881	83.19	-6.16	5.34	-65.15	-150.29	-316.53	45.89	207.78	-283.67
33882	84.24	-6.16	5.34	-71.55	-139.04	-309.45	52.56	235.05	-246.29
33883	85.30	-6.17	5.34	-78.83	-126.43	-301.73	55.84	261.36	-204.83
33884	86.35	-6.17	5.34	-87.11	-113.00	-292.84	55.46	285.25	-160.46
33885	87.40	-6.17	5.34	-95.97	-99.34	-282.95	51.34	305.00	-114.46
33886	88.45	-6.18	5.34	-104.45	-86.01	-272.97	43.62	318.69	-68.17
33887	89.51	-6.18	5.34	-111.18	-73.49	-264.46	32.63	324.45	-22.89
33888	90.56	-6.18	5.34	-114.58	-62.16	-259.38	18.93	320.41	20.15
33889	91.61	-6.18	5.34	-113.12	-52.21	-259.73	3.30	304.85	59.85
33890	92.67	-6.19	5.34	-105.58	-43.74	-267.15	-13.36	276.29	95.13
33891	93.72	-6.19	5.34	-91.50	-36.69	-282.57	-30.05	233.87	124.97
33892	94.77	-6.19	5.34	-71.53	-30.97	-306.41	-46.02	178.31	148.35
33893	78.99	-5.05	5.34	-21.82	-175.50	-606.11	-6.15	110.58	-420.12
33894	80.06	-5.05	5.34	-31.98	-173.55	-587.81	12.29	149.81	-406.03
33895	81.14	-5.06	5.34	-41.31	-169.03	-570.71	29.04	187.30	-383.86
33896	82.22	-5.06	5.34	-50.23	-162.14	-554.40	43.47	223.82	-354.08
33897	83.29	-5.06	5.34	-59.45	-153.13	-537.92	54.93	259.52	-317.43
33898	84.37	-5.06	5.34	-69.66	-142.41	-520.26	62.79	293.84	-274.89
33899	85.44	-5.07	5.34	-81.19	-130.44	-500.81	66.57	325.50	-227.74
33900	86.52	-5.07	5.34	-93.82	-117.79	-479.65	65.96	352.81	-177.48
33901	87.60	-5.07	5.34	-106.71	-105.03	-457.70	60.92	373.85	-125.76
33902	88.67	-5.07	5.34	-118.46	-92.72	-436.68	51.72	386.75	-74.29
33903	89.75	-5.08	5.34	-127.31	-81.29	-418.92	38.90	389.75	-24.68
33904	90.82	-5.08	5.34	-131.37	-71.05	-406.97	23.27	381.22	21.62
33905	91.90	-5.08	5.34	-128.93	-62.18	-403.21	5.83	359.65	63.29
33906	92.98	-5.08	5.34	-118.80	-54.67	-409.37	-12.27	323.75	99.16
33907	94.05	-5.09	5.34	-100.82	-48.43	-426.07	-29.90	272.93	128.11
33908	95.13	-5.09	5.34	-75.97	-43.12	-453.09	-46.30	208.19	149.23
33909	79.00	-3.95	5.34	-6.57	-171.21	-866.90	-6.99	124.05	-449.88
33910	80.09	-3.95	5.34	-17.73	-169.47	-845.62	13.84	174.88	-435.15
33911	81.19	-3.95	5.34	-28.92	-165.31	-823.02	32.85	223.47	-411.20
33912	82.28	-3.95	5.34	-40.58	-158.91	-798.71	49.24	270.33	-378.58
33913	83.37	-3.95	5.34	-53.42	-150.61	-771.91	62.21	315.20	-338.15
33914	84.47	-3.96	5.34	-67.99	-140.82	-741.97	71.01	357.09	-291.14
33915	85.56	-3.96	5.34	-84.35	-130.05	-708.83	75.06	394.29	-239.10
33916	86.66	-3.96	5.34	-101.84	-118.85	-673.40	74.06	424.81	-183.90
33917	87.75	-3.96	5.34	-119.13	-107.77	-637.53	68.06	446.65	-127.55
33918	88.85	-3.96	5.34	-134.32	-97.28	-603.93	57.49	458.02	-72.07
33919	89.94	-3.96	5.34	-145.24	-87.75	-575.76	43.09	457.44	-19.36
33920	91.04	-3.96	5.34	-149.70	-79.38	-556.23	25.91	443.61	28.91
33921	92.13	-3.96	5.34	-145.90	-72.20	-548.11	7.18	415.32	71.28
33922	93.22	-3.96	5.34	-132.74	-66.11	-553.13	-11.79	371.58	106.48
33923	94.32	-3.97	5.34	-110.40	-60.85	-571.53	-29.74	312.11	133.36
33924	95.41	-3.97	5.34	-80.57	-55.98	-602.12	-45.92	238.52	151.35
33925	66.62	-8.70	17.16	-234.50	-198.70	57.00	257.14	-77.53	160.05
33926	67.38	-8.70	17.16	-304.00	-125.23	28.20	314.69	-36.87	125.79
33927	68.15	-8.70	17.16	-365.89	-51.03	14.61	363.06	-15.55	108.16
33928	68.91	-8.70	17.16	-422.12	26.83	8.11	403.37	-0.07	97.04
33929	69.67	-8.70	17.16	-469.05	112.57	7.98	436.50	15.32	88.36
33930	70.44	-8.70	17.16	-500.21	211.79	15.24	462.83	41.36	83.72
33931	71.20	-8.70	17.16	-500.89	328.22	39.77	483.54	91.17	86.27
33932	71.96	-8.70	17.16	-438.00	465.43	106.78	507.98	190.85	103.59
33933	72.73	-8.70	17.16	-234.61	619.51	312.50	591.99	441.50	161.74
33934	73.49	-8.70	17.16	169.83	1304.08	1295.64	851.74	1064.11	801.38
33935	74.25	-8.70	17.16	539.68	1101.17	2638.22	348.79	829.98	567.59
33936	75.02	-8.70	17.16	247.69	420.93	2874.49	-5.81	331.64	-340.85
33937	75.78	-8.70	17.16	255.66	381.26	2682.24	5.59	286.50	-508.11
33938	76.54	-8.70	17.16	232.47	426.56	2761.51	5.94	243.42	-592.23
33939	77.31	-8.70	17.16	162.79	408.93	1958.03	148.38	-607.88	-538.61
33940	78.07	-8.70	17.16	25.81	300.00	857.39	22.28	51.74	-345.37
33941	66.22	-8.10	17.16	-208.80	-204.87	55.19	253.08	-70.54	169.01
33942	67.01	-8.10	17.16	-278.72	-133.82	22.23	321.72	-31.46	130.43
33943	67.80	-8.10	17.16	-342.77	-60.75	6.89	379.48	-14.23	109.80
33944	68.59	-8.10	17.16	-403.92	15.39	-0.87	428.45	-5.45	95.17
33945	69.38	-8.10	17.16	-461.35	98.16	-4.61	468.96	2.64	81.84
33946	70.17	-8.10	17.16	-508.68	192.13	-4.00	501.79	17.63	68.27
33947	70.96	-8.10	17.16	-531.42	307.15	7.80	528.51	53.20	56.72
33948	71.75	-8.10	17.16	-502.79	436.25	57.18	547.98	136.69	61.71
33949	72.53	-8.10	17.16	-359.09	568.24	195.82	565.66	307.47	77.12
33950	73.32	-8.10	17.16	110.90	739.94	1213.80	761.79	1044.42	161.81
33951	74.11	-8.10	17.16	118.65	328.39	2193.68	44.85	284.43	-187.98
33952	74.90	-8.10	17.16	108.06	399.03	1808.55	17.55	129.67	-593.04
33953	75.69	-8.10	17.16	188.85	377.40	1712.31	-26.62	370.98	-683.82
33954	76.48	-8.10	17.16	126.38	335.86	2009.34	32.48	237.97	-639.46
33955	77.27	-8.10	17.16	48.69	303.67	1432.61	195.59	-459.83	-509.64
33956	78.06	-8.10	17.16	-13.68	183.48	578.29	49.14	39.00	-228.57
33957	66.14	-8.70	15.47	-124.47	-66.20	160.32	129.06	-120.21	283.56



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]
33958	66.93	-8.70	15.47	-134.09	-80.41	96.20	145.60	-88.18	239.05
33959	67.72	-8.70	15.47	-149.68	-86.13	56.21	159.27	-57.32	202.06
33960	68.52	-8.70	15.47	-159.00	-89.14	33.69	168.56	-23.53	169.72
33961	69.31	-8.70	15.47	-153.60	-92.17	27.69	173.72	18.98	138.66
33962	70.11	-8.70	15.47	-126.49	-96.72	42.58	175.96	83.41	109.40
33963	70.90	-8.70	15.47	-74.20	-102.87	96.09	175.71	184.57	82.84
33964	71.70	-8.70	15.47	-1.38	-108.97	228.80	170.75	340.42	62.80
33965	72.49	-8.70	15.47	52.88	-112.03	520.89	143.37	550.56	51.77
33966	73.29	-8.70	15.47	-45.22	-266.69	926.46	4.29	671.33	-117.05
33967	74.08	-8.70	15.47	-214.38	-251.63	1358.37	-64.52	686.87	-282.10
33968	74.87	-8.70	15.47	-140.09	-72.11	1780.36	-23.03	570.02	-383.77
33969	75.67	-8.70	15.47	-101.81	-38.97	2002.57	-16.71	397.95	-525.70
33970	76.46	-8.70	15.47	-113.47	-1.85	1989.60	-8.79	225.57	-607.02
33971	77.26	-8.70	15.47	17.90	86.68	1967.17	-24.76	232.78	-688.38
33972	78.05	-8.70	15.47	211.72	192.90	1993.82	12.38	217.69	-753.17
33973	65.75	-8.10	15.47	-115.57	-66.27	150.78	127.58	-119.02	299.80
33974	66.57	-8.10	15.47	-132.08	-81.87	77.11	143.36	-92.47	248.97
33975	67.39	-8.10	15.47	-156.99	-88.58	30.81	155.76	-69.80	204.87
33976	68.21	-8.10	15.47	-177.34	-93.20	1.98	162.10	-48.65	163.99
33977	69.03	-8.10	15.47	-184.12	-99.44	-14.64	161.92	-21.61	121.51
33978	69.85	-8.10	15.47	-169.27	-109.29	-17.23	156.06	22.77	74.39
33979	70.67	-8.10	15.47	-127.28	-124.09	7.99	145.85	101.46	22.75
33980	71.49	-8.10	15.47	-62.58	-141.37	95.84	130.61	232.43	-32.26
33981	72.31	-8.10	15.47	-0.13	-152.95	332.37	100.21	427.66	-92.97
33982	73.13	-8.10	15.47	-139.07	-213.29	605.40	-27.40	476.70	-221.47
33983	73.94	-8.10	15.47	-195.10	-111.61	920.00	23.69	566.73	-364.37
33984	74.76	-8.10	15.47	-129.94	-53.51	1289.70	-8.54	452.31	-497.67
33985	75.58	-8.10	15.47	-126.63	-10.62	1442.26	15.92	318.00	-613.19
33986	76.40	-8.10	15.47	-150.20	22.72	1414.19	22.68	199.22	-676.03
33987	77.22	-8.10	15.47	-31.91	79.85	1362.61	19.79	187.49	-688.14
33988	78.04	-8.10	15.47	138.65	151.58	1340.89	27.74	214.37	-690.94
33989	65.65	-8.70	13.78	-63.91	26.18	233.24	51.67	-112.62	272.14
33990	66.48	-8.70	13.78	-57.24	-16.82	152.00	46.40	-109.31	232.82
33991	67.30	-8.70	13.78	-51.84	-56.14	96.21	41.63	-92.62	193.63
33992	68.13	-8.70	13.78	-43.26	-93.63	60.89	36.75	-62.73	153.61
33993	68.96	-8.70	13.78	-28.91	-130.67	46.51	31.82	-18.73	111.63
33994	69.78	-8.70	13.78	-7.98	-168.76	57.13	27.63	44.58	68.29
33995	70.61	-8.70	13.78	14.45	-208.07	104.14	23.35	129.58	23.19
33996	71.43	-8.70	13.78	24.74	-247.70	202.09	17.13	231.19	-23.63
33997	72.26	-8.70	13.78	5.97	-290.58	349.20	4.44	326.85	-80.51
33998	73.08	-8.70	13.78	-18.10	-294.98	541.78	9.30	408.71	-120.96
33999	73.91	-8.70	13.78	-49.28	-320.43	774.52	10.71	468.90	-162.38
34000	74.73	-8.70	13.78	-132.59	-365.72	1018.03	-19.10	478.85	-226.37
34001	75.56	-8.70	13.78	-173.25	-354.66	1239.01	-23.46	430.08	-297.27
34002	76.39	-8.70	13.78	-157.31	-337.22	1410.23	-13.21	373.07	-362.26
34003	77.21	-8.70	13.78	-160.74	-333.60	1530.55	7.82	317.84	-392.10
34004	78.04	-8.70	13.78	-188.63	-339.89	1634.43	22.93	278.39	-393.25
34005	65.28	-8.10	13.78	-64.34	29.06	205.25	52.60	-120.30	286.41
34006	66.13	-8.10	13.78	-63.10	-14.91	114.87	42.77	-126.02	242.22
34007	66.98	-8.10	13.78	-64.13	-55.46	50.17	33.27	-118.69	195.77
34008	67.83	-8.10	13.78	-62.56	-94.30	4.71	23.04	-100.51	146.58
34009	68.68	-8.10	13.78	-53.55	-133.35	-24.04	12.14	-69.26	93.08
34010	69.53	-8.10	13.78	-35.18	-173.74	-33.47	1.56	-19.85	34.29
34011	70.38	-8.10	13.78	-11.41	-214.98	-14.22	-7.84	52.87	-29.82
34012	71.23	-8.10	13.78	5.11	-254.39	49.47	-16.14	147.51	-98.91
34013	72.08	-8.10	13.78	-10.37	-291.45	155.15	-25.04	239.64	-174.21
34014	72.93	-8.10	13.78	-11.29	-298.59	320.11	-12.63	340.81	-241.87
34015	73.78	-8.10	13.78	-58.54	-322.32	529.08	-34.14	400.35	-308.23
34016	74.63	-8.10	13.78	-137.25	-321.45	738.70	-31.53	418.03	-381.80
34017	75.48	-8.10	13.78	-167.26	-300.36	921.77	-30.06	375.62	-450.18
34018	76.33	-8.10	13.78	-153.04	-272.96	1053.23	-14.44	332.61	-503.22
34019	77.18	-8.10	13.78	-154.79	-252.20	1155.75	0.39	302.59	-537.66
34020	78.03	-8.10	13.78	-175.36	-241.37	1258.71	14.67	277.52	-549.60
34021	65.17	-8.70	12.09	-28.99	69.04	228.17	6.91	-96.69	227.42
34022	66.03	-8.70	12.09	-21.66	26.28	162.43	-7.41	-116.63	190.56
34023	66.88	-8.70	12.09	-12.99	-16.83	109.48	-19.24	-117.37	153.13
34024	67.74	-8.70	12.09	-1.84	-60.02	71.56	-28.91	-100.70	113.88
34025	68.60	-8.70	12.09	10.40	-102.78	50.99	-35.99	-68.56	72.24
34026	69.45	-8.70	12.09	22.47	-145.66	50.48	-39.81	-20.91	29.15
34027	70.31	-8.70	12.09	30.63	-188.07	74.70	-40.84	39.46	-14.90
34028	71.17	-8.70	12.09	30.23	-228.18	127.04	-38.71	107.69	-58.36
34029	72.02	-8.70	12.09	20.41	-262.89	210.66	-32.02	179.32	-97.18
34030	72.88	-8.70	12.09	-5.45	-299.42	325.09	-27.34	244.53	-134.59
34031	73.74	-8.70	12.09	-45.57	-324.81	460.70	-24.44	289.52	-169.90
34032	74.59	-8.70	12.09	-82.94	-338.33	605.58	-13.50	314.41	-197.49
34033	75.45	-8.70	12.09	-126.03	-356.58	749.95	-7.07	318.92	-217.53
34034	76.31	-8.70	12.09	-169.95	-367.53	883.50	0.60	298.12	-231.76
34035	77.16	-8.70	12.09	-199.88	-369.89	995.24	9.99	258.17	-240.94
34036	78.02	-8.70	12.09	-222.69	-367.63	1075.90	21.41	204.54	-239.27
34037	64.81	-8.10	12.09	-33.89	72.00	181.35	8.20	-109.59	235.84
34038	65.69	-8.10	12.09	-29.98	29.14	108.97	-10.95	-139.20	196.58
34039	66.57	-8.10	12.09	-24.65	-15.26	47.89	-27.70	-148.83	153.74
34040	67.45	-8.10	12.09	-16.40	-59.77	0.19	-42.19	-141.14	107.27
34041	68.33	-8.10	12.09	-5.05	-104.27	-33.16	-53.95	-117.14	56.68
34042	69.21	-8.10	12.09	8.37	-148.57	-49.47	-62.10	-76.75	2.41
34043	70.09	-8.10	12.09	20.28	-191.74	-44.14	-66.08	-20.74	-54.21
34044	70.97	-8.10	12.09	25.07	-232.08	-12.84	-65.41	46.85	-111.14
34045	71.85	-8.10	12.09	22.66	-266.09	51.24	-59.26	123.04	-164.82
34046	72.73	-8.10	12.09	-3.13	-298.84	146.08	-54.21	192.62	-215.46
34047	73.61	-8.10	12.09	-36.94	-318.93	264.50	-40.99	247.40	-260.64
34048	74.49	-8.10	12.09	-73.67	-333.65	397.14	-32.35	282.17	-297.17
34049	75.37	-8.10	12.09	-117.64	-342.30	533.79	-21.51	296.48	-327.35
34050	76.25	-8.10	12.09	-159.01	-344.72	662.09	-11.23	284.19	-350.01
34051	77.13	-8.10	12.09	-188.70	-344.23	768.32	1.99	253.41	-361.44
34052	78.01	-8.10	12.09	-213.37	-343.00	847.44	15.70	211.07	-359.59
34053	64.69	-8.70	10.41	-12.53	87.83	162.10	-18.75	-87.75	174.04
34054	65.57	-8.70	10.41	-10.44	50.68	124.07	-36.72	-121.15	143.29
34055	66.46	-8.70	10.41	-4.02	12.68	89.00	-50.69	-135.24	109.83
34056	67.35	-8.70	10.41	5.03	-26.11	60.13	-61.49	-131.57	73.97

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]
34057	68.24	-8.70	10.41	14.81	-64.64	41.16	-68.68	-112.44	36.01
34058	69.13	-8.70	10.41	23.58	-103.30	34.75	-71.89	-79.64	-2.93
34059	70.01	-8.70	10.41	28.97	-141.30	44.32	-71.54	-36.39	-41.94
34060	70.90	-8.70	10.41	28.39	-177.11	72.63	-67.53	14.06	-78.99
34061	71.79	-8.70	10.41	19.06	-210.59	120.68	-61.01	67.08	-113.19
34062	72.68	-8.70	10.41	0.78	-239.02	187.30	-51.80	116.89	-143.16
34063	73.57	-8.70	10.41	-25.23	-263.98	269.58	-40.32	159.20	-167.49
34064	74.45	-8.70	10.41	-58.74	-285.29	361.83	-29.99	187.97	-186.55
34065	75.34	-8.70	10.41	-93.90	-299.57	455.97	-18.69	200.90	-199.99
34066	76.23	-8.70	10.41	-127.57	-309.97	544.54	-8.29	198.49	-206.96
34067	77.12	-8.70	10.41	-158.83	-316.86	620.92	1.38	181.39	-207.22
34068	78.01	-8.70	10.41	-183.29	-319.68	679.55	10.33	151.74	-201.32
34069	64.34	-8.10	10.41	-18.37	89.80	100.08	-17.07	-102.60	175.09
34070	65.25	-8.10	10.41	-19.83	52.52	58.09	-39.98	-145.46	144.01
34071	66.16	-8.10	10.41	-14.87	13.80	17.51	-57.93	-167.09	107.81
34072	67.07	-8.10	10.41	-6.97	-26.14	-18.76	-72.58	-170.19	67.32
34073	67.98	-8.10	10.41	3.45	-66.29	-47.16	-83.32	-156.19	23.30
34074	68.89	-8.10	10.41	14.43	-106.29	-64.66	-89.69	-127.13	-23.28
34075	69.80	-8.10	10.41	23.29	-145.41	-67.75	-91.56	-85.25	-70.84
34076	70.71	-8.10	10.41	27.06	-182.22	-52.63	-88.83	-33.45	-117.41
34077	71.62	-8.10	10.41	21.45	-216.15	-17.54	-82.22	22.91	-161.19
34078	72.53	-8.10	10.41	7.88	-244.61	37.81	-71.47	78.94	-200.09
34079	73.44	-8.10	10.41	-16.24	-268.86	111.20	-59.72	128.62	-232.97
34080	74.35	-8.10	10.41	-48.37	-287.35	197.16	-45.67	165.49	-259.32
34081	75.26	-8.10	10.41	-83.19	-301.04	287.32	-31.97	186.45	-277.84
34082	76.17	-8.10	10.41	-117.86	-310.52	374.25	-18.36	191.69	-288.72
34083	77.08	-8.10	10.41	-149.56	-315.56	451.20	-5.69	181.34	-292.31
34084	77.99	-8.10	10.41	-174.27	-316.90	511.63	6.44	157.90	-288.33
34085	64.20	-8.70	8.72	-4.34	98.61	50.44	-39.17	-90.54	119.91
34086	65.12	-8.70	8.72	-8.98	66.80	47.03	-55.71	-130.22	97.76
34087	66.04	-8.70	8.72	-9.53	33.47	38.52	-68.96	-151.16	70.66
34088	66.96	-8.70	8.72	-2.75	-0.06	27.57	-78.73	-154.70	39.53
34089	67.88	-8.70	8.72	5.91	-33.14	17.55	-85.10	-144.93	5.73
34090	68.80	-8.70	8.72	13.92	-66.03	12.62	-87.84	-123.39	-29.22
34091	69.72	-8.70	8.72	19.26	-98.17	16.56	-87.31	-92.70	-64.20
34092	70.64	-8.70	8.72	19.94	-128.62	31.76	-83.47	-55.51	-97.53
34093	71.56	-8.70	8.72	14.84	-156.84	59.29	-76.56	-14.79	-127.82
34094	72.48	-8.70	8.72	3.24	-182.55	99.10	-67.35	25.81	-154.14
34095	73.39	-8.70	8.72	-14.69	-204.74	149.37	-56.77	62.23	-175.88
34096	74.31	-8.70	8.72	-37.25	-222.99	206.87	-44.99	91.53	-192.40
34097	75.23	-8.70	8.72	-62.76	-237.76	267.37	-33.21	111.22	-203.48
34098	76.15	-8.70	8.72	-88.58	-248.40	325.68	-21.60	120.17	-209.20
34099	77.07	-8.70	8.72	-111.83	-255.04	376.75	-10.70	118.85	-209.59
34100	77.99	-8.70	8.72	-130.78	-257.89	416.20	-0.83	108.86	-204.85
34101	63.87	-8.10	8.72	-14.42	96.79	-24.13	-40.79	-107.04	111.38
34102	64.81	-8.10	8.72	-17.75	68.31	-27.90	-58.32	-153.94	92.70
34103	65.75	-8.10	8.72	-21.01	33.77	-39.32	-75.22	-182.44	64.72
34104	66.69	-8.10	8.72	-15.08	-0.67	-53.94	-87.81	-190.65	31.70
34105	67.63	-8.10	8.72	-5.10	-35.10	-70.00	-96.61	-183.80	-5.62
34106	68.57	-8.10	8.72	5.49	-69.23	-82.58	-101.57	-164.13	-45.51
34107	69.51	-8.10	8.72	14.14	-102.54	-87.45	-102.64	-133.54	-86.26
34108	70.45	-8.10	8.72	18.44	-134.22	-81.46	-99.78	-94.66	-126.12
34109	71.40	-8.10	8.72	17.06	-163.39	-62.56	-93.10	-50.49	-163.28
34110	72.34	-8.10	8.72	8.30	-189.75	-30.24	-83.43	-5.06	-196.37
34111	73.28	-8.10	8.72	-7.25	-212.38	14.16	-71.21	37.29	-224.21
34112	74.22	-8.10	8.72	-28.53	-231.13	67.60	-57.83	73.07	-246.00
34113	75.16	-8.10	8.72	-53.58	-245.62	125.86	-43.71	99.30	-261.53
34114	76.10	-8.10	8.72	-79.46	-255.99	183.48	-29.72	114.48	-270.56
34115	77.04	-8.10	8.72	-103.38	-262.69	235.12	-16.22	118.94	-273.09
34116	77.98	-8.10	8.72	-123.17	-265.78	276.15	-3.62	114.06	-269.35
34117	63.72	-8.70	7.03	0.22	126.96	-104.95	-67.86	-112.35	66.91
34118	64.67	-8.70	7.03	-22.55	89.29	-57.61	-78.45	-150.67	58.27
34119	65.62	-8.70	7.03	-17.38	54.42	-30.34	-84.25	-163.43	38.73
34120	66.57	-8.70	7.03	-9.12	21.17	-21.69	-89.92	-169.22	11.93
34121	67.52	-8.70	7.03	-1.26	-8.91	-19.17	-94.07	-165.99	-18.47
34122	68.47	-8.70	7.03	5.53	-37.14	-17.53	-95.67	-152.92	-50.28
34123	69.42	-8.70	7.03	10.42	-63.88	-12.82	-94.75	-131.61	-82.33
34124	70.37	-8.70	7.03	12.27	-88.81	-2.56	-91.03	-103.84	-112.99
34125	71.32	-8.70	7.03	10.20	-111.98	14.60	-84.78	-71.76	-141.15
34126	72.27	-8.70	7.03	3.68	-132.94	39.09	-76.38	-38.19	-166.03
34127	73.22	-8.70	7.03	-7.18	-151.43	70.28	-66.27	-5.79	-186.83
34128	74.17	-8.70	7.03	-21.75	-167.15	106.44	-55.16	22.90	-203.06
34129	75.12	-8.70	7.03	-38.71	-179.76	144.97	-43.50	46.14	-214.45
34130	76.07	-8.70	7.03	-56.41	-189.22	182.84	-31.90	62.90	-220.92
34131	77.02	-8.70	7.03	-73.16	-195.45	216.83	-20.70	73.11	-222.58
34132	77.97	-8.70	7.03	-87.23	-198.39	244.11	-10.20	77.59	-219.65
34133	63.40	-8.10	7.03	7.10	134.28	-193.36	-60.86	-122.07	50.35
34134	64.37	-8.10	7.03	-37.74	87.94	-146.16	-85.17	-180.99	42.26
34135	65.34	-8.10	7.03	-34.97	54.18	-110.57	-91.57	-195.14	28.27
34136	66.31	-8.10	7.03	-24.64	20.38	-101.81	-97.55	-201.75	2.41
34137	67.28	-8.10	7.03	-13.66	-11.13	-103.02	-102.74	-199.60	-29.48
34138	68.25	-8.10	7.03	-3.56	-40.62	-106.75	-105.72	-187.47	-64.38
34139	69.23	-8.10	7.03	4.64	-68.48	-108.43	-105.92	-165.90	-100.27
34140	70.20	-8.10	7.03	9.80	-94.55	-104.88	-103.02	-136.55	-135.49
34141	71.17	-8.10	7.03	10.78	-118.72	-94.12	-97.04	-101.76	-168.56
34142	72.14	-8.10	7.03	6.99	-140.61	-75.27	-88.33	-64.32	-198.26
34143	73.11	-8.10	7.03	-1.82	-159.87	-48.62	-77.48	-27.21	-223.62
34144	74.08	-8.10	7.03	-14.99	-176.16	-15.69	-65.03	6.72	-243.92
34145	75.05	-8.10	7.03	-31.23	-189.31	20.92	-51.75	35.36	-258.67
34146	76.02	-8.10	7.03	-48.81	-199.16	58.04	-38.18	57.39	-267.72
34147	76.99	-8.10	7.03	-65.80	-205.61	92.23	-24.84	72.55	-271.10
34148	77.96	-8.10	7.03	-80.36	-208.72	120.37	-12.11	81.62	-268.93
34149	63.24	-8.70	5.34	22.84	231.34	-339.41	-130.57	-182.23	10.84
34150	64.22	-8.70	5.34	23.27	135.10	-171.53	-106.58	-150.20	40.61
34151	65.20	-8.70	5.34	17.45	76.88	-118.56	-100.88	-166.40	19.29
34152	66.18	-8.70	5.34	11.75	39.08	-87.94	-100.16	-178.58	-7.38
34153	67.16	-8.70	5.34	8.97	9.93	-69.17	-100.36	-181.30	-36.54
34154	68.14	-8.70	5.34	8.50	-14.83	-56.58	-99.62	-174.02	-66.64
34155	69.13	-8.70	5.34	9.21	-36.99	-46.10	-97.49	-158.63	-96.86

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]
34156	70.11	-8.70	5.34	9.62	-56.98	-35.01	-93.37	-136.82	-125.86
34157	71.09	-8.70	5.34	8.54	-75.32	-21.58	-87.32	-110.37	-152.70
34158	72.07	-8.70	5.34	5.09	-91.92	-4.74	-79.52	-81.40	-176.71
34159	73.05	-8.70	5.34	-1.10	-106.59	15.67	-70.29	-52.01	-197.21
34160	74.03	-8.70	5.34	-9.85	-119.12	39.05	-59.99	-23.98	-213.69
34161	75.02	-8.70	5.34	-20.58	-129.37	64.09	-49.10	1.23	-225.83
34162	76.00	-8.70	5.34	-32.35	-137.16	89.08	-38.00	22.74	-233.45
34163	76.98	-8.70	5.34	-44.09	-142.41	112.13	-27.11	40.31	-236.54
34164	77.96	-8.70	5.34	-54.78	-145.06	131.50	-16.72	54.24	-235.21
34165	62.93	-8.10	5.34	-77.85	173.62	-501.63	-187.56	-244.48	-84.87
34166	63.93	-8.10	5.34	-26.24	147.83	-257.19	-117.85	-185.89	13.78
34167	64.93	-8.10	5.34	-9.06	81.56	-195.93	-104.74	-192.34	7.31
34168	65.93	-8.10	5.34	-5.08	39.23	-164.81	-104.29	-204.50	-17.63
34169	66.93	-8.10	5.34	-3.15	7.55	-148.27	-105.44	-208.54	-47.57
34170	67.94	-8.10	5.34	-0.17	-18.75	-139.29	-105.96	-202.42	-79.74
34171	68.94	-8.10	5.34	3.54	-41.99	-133.41	-104.85	-187.04	-112.58
34172	69.94	-8.10	5.34	6.73	-62.99	-127.34	-101.53	-164.13	-144.78
34173	70.94	-8.10	5.34	8.25	-82.14	-118.80	-95.85	-135.61	-175.13
34174	71.94	-8.10	5.34	7.08	-99.48	-106.41	-88.00	-103.68	-202.66
34175	72.94	-8.10	5.34	2.76	-114.82	-89.72	-78.28	-70.57	-226.52
34176	73.94	-8.10	5.34	-4.64	-127.96	-69.20	-67.15	-38.34	-246.02
34177	74.95	-8.10	5.34	-14.53	-138.71	-46.05	-55.07	-8.66	-260.70
34178	75.95	-8.10	5.34	-25.93	-146.90	-22.08	-42.56	17.38	-270.29
34179	76.95	-8.10	5.34	-37.69	-152.46	0.71	-30.07	39.35	-274.68
34180	77.95	-8.10	5.34	-48.68	-155.32	20.44	-17.97	57.49	-273.89
34181	78.84	-8.10	17.16	138.72	209.10	662.43	-66.61	418.72	-218.89
34182	79.63	-8.10	17.16	519.14	413.95	1790.58	-211.67	1075.46	-481.58
34183	80.42	-8.10	17.16	217.97	436.59	2636.49	-40.06	421.09	-595.44
34184	81.21	-8.10	17.16	208.52	478.80	2536.99	-20.58	153.94	-736.20
34185	82.00	-8.10	17.16	282.47	591.48	3156.93	-17.56	574.53	-607.63
34186	82.79	-8.10	17.16	233.33	663.05	4416.03	-6.67	177.41	72.25
34187	83.58	-8.10	17.16	395.69	1230.65	2628.53	-1075.00	-1834.53	648.47
34188	84.37	-8.10	17.16	-297.22	814.47	494.50	-685.11	-516.84	268.52
34189	85.15	-8.10	17.16	-521.26	589.41	175.79	-601.61	-196.43	155.15
34190	85.94	-8.10	17.16	-561.25	414.24	72.41	-552.37	-82.27	123.05
34191	86.73	-8.10	17.16	-545.58	262.96	30.31	-501.39	-26.87	102.51
34192	87.52	-8.10	17.16	-500.47	151.21	15.36	-455.85	1.59	98.40
34193	88.31	-8.10	17.16	-439.41	59.11	11.76	-410.33	18.09	102.50
34194	89.10	-8.10	17.16	-369.80	-21.86	14.38	-360.37	32.01	112.82
34195	89.89	-8.10	17.16	-293.91	-97.50	23.14	-303.42	51.82	132.80
34196	90.68	-8.10	17.16	-209.94	-170.60	43.34	-235.87	90.32	175.20
34197	78.83	-8.70	17.16	161.62	313.27	936.88	-40.18	413.55	-325.61
34198	79.60	-8.70	17.16	614.40	508.74	2320.69	-170.50	1237.67	-498.88
34199	80.36	-8.70	17.16	320.81	524.26	3395.62	-1.89	430.76	-536.68
34200	81.12	-8.70	17.16	348.29	525.50	3690.59	7.17	369.71	-425.56
34201	81.88	-8.70	17.16	335.42	653.52	4394.79	54.51	264.57	-175.44
34202	82.65	-8.70	17.16	691.53	1687.10	4433.99	-397.71	-702.47	1322.97
34203	83.41	-8.70	17.16	318.00	1942.41	2337.00	-1127.20	-1559.67	1631.77
34204	84.17	-8.70	17.16	-191.98	844.10	601.81	-707.18	-638.44	360.25
34205	84.94	-8.70	17.16	-454.83	605.56	219.01	-548.27	-255.64	194.99
34206	85.70	-8.70	17.16	-536.71	419.66	95.35	-492.69	-109.91	135.73
34207	86.46	-8.70	17.16	-537.56	275.54	47.15	-455.99	-43.99	113.03
34208	87.23	-8.70	17.16	-504.27	159.41	27.44	-419.92	-8.44	103.11
34209	87.99	-8.70	17.16	-452.29	65.19	20.75	-382.59	13.56	103.21
34210	88.75	-8.70	17.16	-387.77	-16.98	22.06	-341.62	33.44	109.89
34211	89.52	-8.70	17.16	-315.17	-93.23	28.72	-294.55	57.00	126.68
34212	90.28	-8.70	17.16	-233.01	-167.99	44.70	-238.86	97.28	164.53
34213	78.86	-8.10	15.47	128.46	165.60	1472.42	-1.33	413.77	-678.95
34214	79.68	-8.10	15.47	-105.17	109.39	1714.80	6.04	381.20	-654.07
34215	80.50	-8.10	15.47	-172.03	81.48	1947.70	-0.19	308.08	-627.89
34216	81.32	-8.10	15.47	-164.72	77.33	2181.00	25.85	171.54	-524.69
34217	82.14	-8.10	15.47	-277.41	45.29	2216.21	83.85	-105.96	-334.12
34218	82.96	-8.10	15.47	-449.52	-29.84	1776.18	28.84	-502.65	-116.37
34219	83.77	-8.10	15.47	-343.08	-121.10	1331.60	53.17	-517.72	51.25
34220	84.59	-8.10	15.47	4.31	20.30	871.20	-175.91	-621.87	184.31
34221	85.41	-8.10	15.47	-29.67	17.87	404.50	-227.94	-382.03	184.77
34222	86.23	-8.10	15.47	-95.51	-5.65	191.98	-236.79	-203.65	174.07
34223	87.05	-8.10	15.47	-141.41	-24.35	95.96	-230.92	-86.89	176.29
34224	87.87	-8.10	15.47	-164.33	-40.77	56.79	-217.39	-12.11	189.36
34225	88.69	-8.10	15.47	-166.99	-53.61	47.80	-200.24	37.47	210.79
34226	89.51	-8.10	15.47	-155.31	-63.20	57.55	-180.04	74.61	239.79
34227	90.33	-8.10	15.47	-137.41	-67.33	83.70	-157.36	108.58	278.22
34228	91.15	-8.10	15.47	-125.59	-59.86	128.81	-134.89	144.01	327.13
34229	78.85	-8.70	15.47	200.23	209.44	2124.71	27.17	411.12	-739.34
34230	79.64	-8.70	15.47	-62.29	116.03	2317.29	66.96	337.16	-644.99
34231	80.44	-8.70	15.47	-144.27	52.91	2539.91	50.37	288.98	-537.50
34232	81.23	-8.70	15.47	-189.77	26.26	2739.88	69.76	54.41	-427.43
34233	82.03	-8.70	15.47	-314.10	13.17	2647.20	100.77	-275.93	-209.30
34234	82.82	-8.70	15.47	-460.97	-203.92	2181.17	148.98	-613.02	-75.80
34235	83.61	-8.70	15.47	-197.66	-179.00	1616.30	-5.79	-743.73	122.36
34236	84.41	-8.70	15.47	40.41	56.52	1000.18	-227.45	-714.94	326.87
34237	85.20	-8.70	15.47	19.98	36.52	505.39	-260.15	-467.46	261.57
34238	86.00	-8.70	15.47	-51.01	12.32	263.18	-256.84	-268.84	224.00
34239	86.79	-8.70	15.47	-108.07	-12.63	148.54	-242.67	-135.11	206.58
34240	87.59	-8.70	15.47	-141.10	-33.14	97.07	-224.56	-46.09	205.00
34241	88.38	-8.70	15.47	-153.27	-49.56	79.23	-204.38	15.19	215.78
34242	89.18	-8.70	15.47	-150.50	-61.60	82.91	-182.42	62.89	235.92
34243	89.97	-8.70	15.47	-140.58	-67.50	102.58	-159.18	104.06	266.49
34244	90.76	-8.70	15.47	-135.13	-61.83	138.52	-136.47	144.81	307.97
34245	78.87	-8.10	13.78	-201.07	-237.56	1339.76	36.39	215.02	-535.60
34246	79.72	-8.10	13.78	-213.80	-237.33	1398.04	50.97	165.53	-494.82
34247	80.57	-8.10	13.78	-262.20	-249.10	1444.67	68.64	85.87	-425.96
34248	81.42	-8.10	13.78	-319.85	-268.76	1425.46	83.86	-49.61	-333.65
34249	82.27	-8.10	13.78	-313.22	-280.65	1285.02	69.87	-205.06	-227.98
34250	83.12	-8.10	13.78	-211.83	-258.10	1079.94	52.75	-277.71	-128.08
34251	83.97	-8.10	13.78	-140.24	-216.53	830.70	1.69	-310.45	-41.40
34252	84.82	-8.10	13.78	-129.33	-218.47	589.70	-7.13	-271.52	26.27
34253	85.67	-8.10	13.78	-57.86	-184.18	392.31	-42.11	-226.81	83.84
34254	86.52	-8.10	13.78	-38.42	-153.78	233.55	-62.13	-136.37	123.40

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]
34255	87.37	-8.10	13.78	-43.79	-126.89	141.83	-71.03	-50.57	157.38
34256	88.22	-8.10	13.78	-55.03	-101.18	99.71	-74.50	17.09	191.18
34257	89.07	-8.10	13.78	-64.34	-75.75	91.51	-75.45	66.75	226.11
34258	89.92	-8.10	13.78	-70.34	-48.87	108.37	-75.49	101.85	262.44
34259	90.77	-8.10	13.78	-75.47	-18.57	147.43	-75.99	125.18	299.75
34260	91.62	-8.10	13.78	-83.20	16.70	211.28	-78.24	136.89	335.85
34261	78.86	-8.70	13.78	-214.79	-337.56	1711.75	45.36	192.56	-376.38
34262	79.69	-8.70	13.78	-221.36	-321.12	1763.09	58.80	129.14	-341.63
34263	80.51	-8.70	13.78	-273.35	-317.23	1779.03	78.97	19.04	-274.98
34264	81.34	-8.70	13.78	-322.79	-323.31	1704.67	85.62	-127.00	-165.50
34265	82.17	-8.70	13.78	-299.54	-326.05	1522.01	62.65	-275.90	-59.34
34266	82.99	-8.70	13.78	-198.27	-253.70	1275.14	-0.64	-355.57	28.65
34267	83.82	-8.70	13.78	-152.68	-219.92	999.49	-11.46	-373.38	77.55
34268	84.64	-8.70	13.78	-104.81	-220.24	741.22	-29.40	-350.67	109.95
34269	85.47	-8.70	13.78	-40.60	-174.93	513.97	-69.93	-293.94	155.12
34270	86.29	-8.70	13.78	-19.69	-145.36	334.45	-87.53	-198.25	173.75
34271	87.12	-8.70	13.78	-24.81	-120.10	223.80	-92.61	-103.85	190.12
34272	87.94	-8.70	13.78	-38.26	-97.03	166.66	-91.17	-26.16	209.27
34273	88.77	-8.70	13.78	-51.52	-74.03	146.72	-87.54	33.14	232.76
34274	89.60	-8.70	13.78	-62.76	-49.13	154.66	-83.28	77.80	259.26
34275	90.42	-8.70	13.78	-72.88	-20.70	185.60	-79.76	109.16	288.27
34276	91.25	-8.70	13.78	-85.07	12.95	241.51	-77.98	129.08	318.16
34277	78.89	-8.10	12.09	-233.22	-340.59	903.96	27.96	162.56	-345.01
34278	79.77	-8.10	12.09	-251.56	-337.62	932.94	40.19	99.24	-317.31
34279	80.65	-8.10	12.09	-257.39	-333.13	919.63	48.95	25.69	-276.36
34280	81.53	-8.10	12.09	-242.21	-324.77	859.35	50.24	-43.63	-225.95
34281	82.41	-8.10	12.09	-209.66	-308.73	765.94	49.01	-92.65	-172.04
34282	83.29	-8.10	12.09	-177.80	-291.06	646.42	41.31	-126.27	-117.99
34283	84.17	-8.10	12.09	-134.06	-270.61	512.62	37.37	-133.90	-65.35
34284	85.05	-8.10	12.09	-82.83	-235.07	382.05	24.78	-113.52	-15.18
34285	85.93	-8.10	12.09	-59.49	-203.16	271.06	18.28	-69.19	32.20
34286	86.81	-8.10	12.09	-39.78	-167.42	190.20	9.82	-21.12	78.19
34287	87.69	-8.10	12.09	-32.05	-130.99	137.29	1.56	29.22	121.18
34288	88.57	-8.10	12.09	-32.75	-94.99	113.40	-6.38	73.11	162.02
34289	89.45	-8.10	12.09	-37.56	-59.29	114.86	-14.90	105.91	201.06
34290	90.33	-8.10	12.09	-44.02	-23.53	137.90	-24.44	125.69	238.24
34291	91.21	-8.10	12.09	-51.15	12.28	180.04	-35.22	131.26	273.44
34292	92.09	-8.10	12.09	-58.72	47.26	238.85	-47.67	120.38	305.80
34293	78.88	-8.70	12.09	-242.25	-364.86	1128.26	30.57	146.91	-223.84
34294	79.74	-8.70	12.09	-261.77	-362.74	1146.44	39.86	72.49	-194.39
34295	80.59	-8.70	12.09	-264.31	-354.70	1119.13	43.59	-7.24	-154.71
34296	81.45	-8.70	12.09	-245.88	-337.89	1047.78	40.51	-80.41	-114.32
34297	82.31	-8.70	12.09	-214.41	-311.76	941.82	33.37	-135.47	-72.72
34298	83.16	-8.70	12.09	-180.75	-295.73	808.79	30.85	-171.82	-28.66
34299	84.02	-8.70	12.09	-129.77	-266.50	661.65	12.60	-183.28	15.67
34300	84.88	-8.70	12.09	-84.90	-227.99	516.68	0.78	-162.61	52.97
34301	85.73	-8.70	12.09	-55.52	-196.86	392.28	-4.45	-121.63	83.93
34302	86.59	-8.70	12.09	-33.37	-161.43	296.26	-11.89	-72.09	116.61
34303	87.45	-8.70	12.09	-23.54	-126.10	229.91	-17.76	-18.39	147.11
34304	88.30	-8.70	12.09	-23.39	-91.72	194.13	-22.20	30.90	176.69
34305	89.16	-8.70	12.09	-28.74	-58.04	185.37	-26.84	70.02	206.34
34306	90.02	-8.70	12.09	-37.15	-23.98	200.27	-32.32	97.17	235.46
34307	90.87	-8.70	12.09	-46.58	10.16	235.57	-38.87	110.12	264.27
34308	91.73	-8.70	12.09	-57.09	44.12	289.02	-46.93	107.67	292.99
34309	78.91	-8.10	10.41	-191.60	-315.67	549.88	17.77	124.52	-276.08
34310	79.82	-8.10	10.41	-199.01	-311.69	562.58	27.31	86.09	-255.98
34311	80.73	-8.10	10.41	-195.40	-304.00	549.40	34.67	48.04	-229.62
34312	81.64	-8.10	10.41	-181.65	-291.81	512.83	40.46	15.53	-198.32
34313	82.55	-8.10	10.41	-160.26	-276.30	455.51	43.82	-8.10	-162.81
34314	83.46	-8.10	10.41	-131.00	-256.07	384.08	46.01	-17.12	-123.85
34315	84.37	-8.10	10.41	-101.56	-230.81	308.87	45.14	-9.90	-82.98
34316	85.28	-8.10	10.41	-77.60	-203.85	238.41	44.27	9.66	-41.03
34317	86.19	-8.10	10.41	-56.09	-172.69	179.21	40.69	37.86	1.40
34318	87.10	-8.10	10.41	-43.98	-140.17	135.83	35.83	70.97	43.74
34319	88.01	-8.10	10.41	-37.90	-106.55	110.93	28.96	102.05	85.64
34320	88.92	-8.10	10.41	-36.80	-73.06	103.58	20.08	127.22	126.24
34321	89.83	-8.10	10.41	-39.07	-40.23	112.53	9.01	142.98	164.95
34322	90.74	-8.10	10.41	-43.10	-8.21	135.67	-4.08	146.62	201.36
34323	91.65	-8.10	10.41	-47.30	22.38	170.27	-18.89	136.05	235.20
34324	92.56	-8.10	10.41	-50.02	50.52	212.83	-35.65	109.53	265.08
34325	78.89	-8.70	10.41	-199.80	-318.24	714.48	18.65	112.03	-188.89
34326	79.78	-8.70	10.41	-205.70	-312.18	722.85	24.67	68.76	-170.49
34327	80.67	-8.70	10.41	-201.42	-302.19	705.06	28.53	26.30	-147.62
34328	81.56	-8.70	10.41	-187.68	-288.66	662.76	30.75	-10.81	-120.31
34329	82.45	-8.70	10.41	-165.38	-272.28	599.36	31.68	-38.21	-89.94
34330	83.33	-8.70	10.41	-135.47	-248.83	521.69	29.29	-51.29	-58.79
34331	84.22	-8.70	10.41	-106.10	-223.70	438.98	29.06	-47.94	-27.34
34332	85.11	-8.70	10.41	-78.56	-196.63	360.28	26.30	-31.73	5.46
34333	86.00	-8.70	10.41	-55.80	-165.51	292.09	22.33	-4.83	38.57
34334	86.89	-8.70	10.41	-41.17	-134.01	239.59	18.60	27.67	71.28
34335	87.77	-8.70	10.41	-33.03	-101.58	205.54	13.56	60.20	104.35
34336	88.66	-8.70	10.41	-30.55	-69.54	189.82	7.38	88.58	136.85
34337	89.55	-8.70	10.41	-32.30	-38.49	191.20	-0.58	108.66	168.73
34338	90.44	-8.70	10.41	-36.93	-7.82	208.21	-10.39	117.90	199.50
34339	91.33	-8.70	10.41	-42.28	21.61	237.94	-21.68	113.61	229.26
34340	92.21	-8.70	10.41	-47.21	49.32	277.38	-34.80	94.58	257.72
34341	78.92	-8.10	8.72	-136.47	-265.16	303.04	7.92	102.40	-259.70
34342	79.86	-8.10	8.72	-142.34	-260.88	313.81	18.20	87.61	-244.53
34343	80.80	-8.10	8.72	-140.79	-253.10	308.23	27.17	73.18	-224.21
34344	81.74	-8.10	8.72	-132.52	-241.96	287.69	34.61	62.43	-199.24
34345	82.68	-8.10	8.72	-118.80	-227.01	255.71	40.58	58.44	-170.24
34346	83.62	-8.10	8.72	-102.71	-208.53	217.17	44.74	62.56	-137.97
34347	84.56	-8.10	8.72	-86.35	-187.17	176.81	47.38	74.34	-102.83
34348	85.50	-8.10	8.72	-71.57	-162.89	139.57	47.66	92.80	-65.42
34349	86.45	-8.10	8.72	-61.01	-137.05	109.42	45.89	114.92	-26.45
34350	87.39	-8.10	8.72	-53.96	-110.04	88.79	41.55	137.13	13.33
34351	88.33	-8.10	8.72	-50.87	-82.79	78.63	34.71	156.29	53.00
34352	89.27	-8.10	8.72	-50.48	-56.11	78.76	25.38	168.90	91.78
34353	90.21	-8.10	8.72	-51.57	-30.42	87.92	13.47	172.19	128.94

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]
34354	91.15	-8.10	8.72	-52.91	-5.85	104.20	-0.69	163.95	163.86
34355	92.09	-8.10	8.72	-52.91	16.95	125.06	-16.58	142.62	195.95
34356	93.03	-8.10	8.72	-49.94	37.08	147.39	-34.05	107.26	223.83
34357	78.91	-8.70	8.72	-143.33	-257.05	440.99	7.81	92.64	-195.27
34358	79.83	-8.70	8.72	-148.76	-252.65	449.30	15.31	73.61	-181.23
34359	80.75	-8.70	8.72	-146.77	-244.60	440.84	21.62	55.11	-163.18
34360	81.67	-8.70	8.72	-137.92	-232.92	417.20	26.60	40.54	-141.73
34361	82.59	-8.70	8.72	-123.71	-217.47	381.75	30.09	32.68	-117.52
34362	83.51	-8.70	8.72	-106.83	-199.39	339.11	32.77	33.09	-90.74
34363	84.42	-8.70	8.72	-89.01	-178.09	294.15	33.56	41.53	-61.83
34364	85.34	-8.70	8.72	-73.01	-154.39	251.53	33.47	57.24	-31.42
34365	86.26	-8.70	8.72	-60.36	-129.54	215.37	31.93	77.40	0.40
34366	87.18	-8.70	8.72	-51.49	-103.70	188.31	28.49	98.93	33.36
34367	88.10	-8.70	8.72	-46.66	-77.61	171.86	23.18	118.78	66.73
34368	89.02	-8.70	8.72	-45.02	-52.10	166.19	15.99	133.63	99.78
34369	89.94	-8.70	8.72	-45.50	-27.85	170.09	6.53	140.16	132.19
34370	90.86	-8.70	8.72	-47.13	-4.17	182.19	-5.20	136.34	163.42
34371	91.78	-8.70	8.72	-47.98	18.03	200.05	-18.47	120.30	193.18
34372	92.70	-8.70	8.72	-47.02	38.11	220.96	-33.30	91.31	220.94
34373	78.94	-8.10	7.03	-91.20	-208.59	140.15	-0.23	86.16	-261.38
34374	79.91	-8.10	7.03	-97.52	-205.26	150.28	10.57	88.38	-248.73
34375	80.88	-8.10	7.03	-99.23	-198.77	150.58	20.12	90.55	-231.35
34376	81.85	-8.10	7.03	-96.88	-189.16	142.22	28.28	94.73	-209.64
34377	82.82	-8.10	7.03	-91.73	-176.73	127.35	34.84	102.35	-183.97
34378	83.79	-8.10	7.03	-85.11	-161.79	108.63	39.63	113.96	-154.74
34379	84.76	-8.10	7.03	-78.52	-144.66	89.06	42.32	129.33	-122.51
34380	85.73	-8.10	7.03	-73.25	-126.00	71.23	42.84	147.03	-87.87
34381	86.70	-8.10	7.03	-69.70	-106.32	57.07	40.87	165.16	-51.48
34382	87.67	-8.10	7.03	-68.20	-86.33	47.72	36.33	181.40	-14.09
34383	88.65	-8.10	7.03	-68.14	-66.54	43.41	29.19	193.22	23.45
34384	89.62	-8.10	7.03	-68.69	-47.64	43.48	19.61	198.17	60.26
34385	90.59	-8.10	7.03	-68.76	-29.91	46.67	7.61	193.99	95.60
34386	91.56	-8.10	7.03	-67.32	-13.31	51.30	-6.38	178.97	128.75
34387	92.53	-8.10	7.03	-63.10	1.64	55.30	-21.63	152.06	159.01
34388	93.50	-8.10	7.03	-54.70	14.44	56.49	-37.85	112.67	185.07
34389	78.93	-8.70	7.03	-97.51	-198.12	262.54	-0.57	77.80	-212.23
34390	79.88	-8.70	7.03	-103.26	-194.69	270.96	7.99	76.05	-200.57
34391	80.83	-8.70	7.03	-104.38	-188.18	269.34	15.40	74.44	-185.16
34392	81.78	-8.70	7.03	-101.42	-178.73	258.78	21.60	74.93	-166.29
34393	82.73	-8.70	7.03	-95.47	-166.66	241.32	26.58	78.97	-144.21
34394	83.68	-8.70	7.03	-87.81	-152.10	219.58	30.06	87.21	-119.29
34395	84.63	-8.70	7.03	-79.99	-135.69	196.42	32.10	99.55	-91.86
34396	85.58	-8.70	7.03	-73.11	-117.83	174.54	32.31	114.81	-62.28
34397	86.53	-8.70	7.03	-67.98	-98.98	156.01	30.63	131.30	-31.09
34398	87.48	-8.70	7.03	-64.87	-79.91	142.10	26.96	146.75	1.32
34399	88.43	-8.70	7.03	-63.43	-60.98	133.41	21.09	158.95	34.38
34400	89.38	-8.70	7.03	-63.04	-42.86	129.62	13.17	165.58	67.12
34401	90.33	-8.70	7.03	-62.75	-26.14	129.44	3.05	163.96	99.15
34402	91.28	-8.70	7.03	-61.69	-9.99	131.65	-9.25	152.52	129.90
34403	92.23	-8.70	7.03	-58.44	4.80	134.26	-22.74	130.09	158.87
34404	93.18	-8.70	7.03	-52.07	17.74	135.30	-37.29	96.09	185.31
34405	78.95	-8.10	5.34	-57.99	-155.50	35.62	-6.56	72.59	-268.01
34406	79.95	-8.10	5.34	-65.10	-153.06	45.39	3.86	85.94	-257.25
34407	80.95	-8.10	5.34	-69.93	-148.12	49.62	13.07	98.80	-241.89
34408	81.95	-8.10	5.34	-72.82	-140.88	48.91	20.84	112.24	-222.26
34409	82.96	-8.10	5.34	-74.39	-131.59	44.41	26.94	126.99	-198.70
34410	83.96	-8.10	5.34	-75.47	-120.58	37.59	31.15	143.26	-171.65
34411	84.96	-8.10	5.34	-76.77	-108.29	29.90	33.25	160.60	-141.60
34412	85.96	-8.10	5.34	-78.76	-95.18	22.54	33.04	178.08	-109.14
34413	86.96	-8.10	5.34	-81.58	-81.79	16.20	30.43	194.26	-74.92
34414	87.96	-8.10	5.34	-84.84	-68.64	11.00	25.34	207.48	-39.63
34415	88.96	-8.10	5.34	-87.87	-56.18	6.44	17.84	215.93	-4.09
34416	89.97	-8.10	5.34	-89.57	-44.84	1.43	8.14	217.61	30.90
34417	90.97	-8.10	5.34	-88.77	-34.78	-5.40	-3.60	210.62	64.63
34418	91.97	-8.10	5.34	-84.53	-25.78	-15.38	-16.83	193.34	96.38
34419	92.97	-8.10	5.34	-76.07	-18.15	-29.67	-30.62	164.73	125.31
34420	93.97	-8.10	5.34	-63.20	-11.89	-49.66	-44.67	124.81	150.07
34421	78.94	-8.70	5.34	-63.62	-145.14	145.86	-7.07	65.24	-229.44
34422	79.92	-8.70	5.34	-70.16	-142.70	154.44	1.64	74.80	-219.45
34423	80.90	-8.70	5.34	-74.29	-137.87	157.15	9.28	84.00	-205.63
34424	81.89	-8.70	5.34	-76.34	-130.86	154.59	15.68	93.94	-188.19
34425	82.87	-8.70	5.34	-76.91	-121.91	147.89	20.66	105.38	-167.43
34426	83.85	-8.70	5.34	-76.79	-111.39	138.51	24.08	118.59	-143.65
34427	84.83	-8.70	5.34	-76.67	-99.63	127.93	25.74	133.25	-117.22
34428	85.81	-8.70	5.34	-77.15	-87.11	117.40	25.53	148.57	-88.59
34429	86.79	-8.70	5.34	-78.42	-74.32	107.78	23.30	163.23	-58.24
34430	87.77	-8.70	5.34	-80.28	-61.78	99.34	19.00	175.62	-26.61
34431	88.76	-8.70	5.34	-82.15	-49.85	91.87	12.56	184.16	5.68
34432	89.74	-8.70	5.34	-83.19	-38.94	84.61	4.14	187.04	37.70
34433	90.72	-8.70	5.34	-82.34	-29.52	76.12	-6.18	181.96	69.01
34434	91.70	-8.70	5.34	-78.72	-20.67	65.39	-18.32	167.53	99.04
34435	92.68	-8.70	5.34	-71.53	-12.93	51.23	-31.06	142.74	127.12
34436	93.66	-8.70	5.34	-60.95	-6.51	32.06	-44.17	107.65	152.08
34437	70.53	-9.28	17.16	-487.59	192.85	30.06	417.47	49.43	99.17
34438	69.83	-9.26	17.16	-466.67	102.42	19.75	399.35	20.24	95.60
34439	69.12	-9.23	17.16	-429.38	23.67	17.10	375.91	1.62	99.22
34440	70.46	-9.85	17.16	-472.10	143.34	37.67	370.08	43.40	104.17
34441	69.83	-9.77	17.16	-455.45	71.55	28.75	361.00	17.73	99.09
34442	69.22	-9.68	17.16	-426.00	7.50	25.64	348.64	-1.07	99.62
34443	70.38	-10.41	17.16	-456.76	88.32	45.65	325.85	31.00	102.70
34444	69.85	-10.27	17.16	-443.04	37.08	37.99	324.56	10.41	100.06
34445	69.32	-10.13	17.16	-419.80	-11.80	35.90	321.00	-9.05	99.12
34446	78.07	-9.50	17.16	421.13	708.89	3088.46	-48.46	211.43	-1245.93
34447	77.31	-9.50	17.16	448.73	604.94	3583.53	10.41	-171.94	-836.69
34448	76.55	-9.49	17.16	439.34	523.32	4025.90	-31.44	314.87	-434.05
34449	75.79	-9.47	17.16	463.59	507.18	4161.27	-36.82	381.51	-261.29
34450	75.03	-9.46	17.16	458.45	574.33	4639.26	33.09	479.49	-22.16
34451	74.27	-9.44	17.16	889.13	863.48	2790.07	718.65	1981.58	137.13
34452	73.52	-9.41	17.16	-8.88	1000.48	770.81	588.84	728.36	449.57

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]
34453	72.76	-9.38	17.16	-236.04	666.30	329.33	544.60	423.41	261.76
34454	72.01	-9.35	17.16	-406.12	438.12	126.88	459.80	200.81	140.29
34455	71.26	-9.31	17.16	-476.84	301.64	58.45	432.50	99.66	106.72
34456	78.06	-10.50	17.16	918.78	635.00	6648.67	26.26	363.78	25.81
34457	77.28	-10.49	17.16	857.00	653.75	6545.82	1.03	361.45	52.92
34458	76.50	-10.46	17.16	770.32	753.33	6681.45	-3.23	473.78	177.84
34459	75.72	-10.42	17.16	1186.19	1523.00	5015.00	576.05	1827.21	1066.71
34460	74.95	-10.37	17.16	670.31	2455.77	3487.08	544.66	819.05	2408.19
34461	74.18	-10.31	17.16	647.40	1684.73	1941.71	944.30	1680.61	1482.98
34462	73.41	-10.23	17.16	-39.96	745.22	505.75	473.30	613.53	374.26
34463	72.65	-10.15	17.16	-304.06	537.10	224.79	416.19	303.70	225.79
34464	71.89	-10.05	17.16	-413.62	359.03	112.06	389.68	165.76	150.60
34465	71.14	-9.94	17.16	-464.31	234.27	60.31	375.65	85.55	114.03
34466	78.05	-11.50	17.16	981.81	3231.31	4545.54	212.80	285.34	3553.88
34467	77.25	-11.48	17.16	946.84	3195.39	4499.41	294.41	399.07	3539.74
34468	76.45	-11.43	17.16	873.25	3232.50	4467.04	476.32	697.00	3633.61
34469	75.65	-11.37	17.16	972.16	2265.09	2672.39	873.80	1912.08	2274.50
34470	74.86	-11.29	17.16	166.00	1210.37	847.41	392.44	756.62	860.79
34471	74.08	-11.18	17.16	-73.63	950.24	525.55	438.20	491.22	629.96
34472	73.30	-11.06	17.16	-157.20	611.16	334.92	397.02	420.77	390.45
34473	72.53	-10.92	17.16	-334.58	381.17	168.24	325.90	225.32	204.36
34474	71.77	-10.75	17.16	-420.33	255.17	98.00	319.26	123.44	141.51
34475	71.02	-10.57	17.16	-452.52	157.67	63.15	322.33	63.75	111.98
34476	78.04	-12.50	17.16	164.02	1423.69	858.86	81.74	105.14	1231.07
34477	77.22	-12.47	17.16	139.03	1394.62	830.79	130.25	187.38	1207.71
34478	76.40	-12.41	17.16	82.35	1282.85	693.73	215.86	363.40	1059.05
34479	75.59	-12.32	17.16	10.32	1045.47	607.21	299.15	384.80	856.76
34480	74.78	-12.20	17.16	-20.74	750.52	483.53	296.07	446.08	597.34
34481	73.98	-12.06	17.16	-203.02	512.79	292.30	245.25	287.16	356.97
34482	73.19	-11.88	17.16	-303.43	363.93	195.88	256.59	201.32	247.72
34483	72.41	-11.68	17.16	-366.71	236.75	134.63	257.63	141.25	170.61
34484	71.65	-11.46	17.16	-419.02	145.12	92.24	261.69	78.94	122.54
34485	70.90	-11.20	17.16	-437.98	76.34	67.98	274.80	35.05	102.84
34486	78.03	-13.50	17.16	-85.37	536.34	397.83	24.16	45.34	464.58
34487	77.19	-13.46	17.16	-109.57	519.65	378.43	48.25	84.83	441.80
34488	76.35	-13.38	17.16	-147.04	482.50	353.36	82.97	115.17	405.89
34489	75.52	-13.27	17.16	-185.94	414.41	304.66	118.81	149.35	345.56
34490	74.70	-13.12	17.16	-240.24	322.61	248.63	146.57	147.53	271.56
34491	73.89	-12.93	17.16	-291.09	232.36	200.58	163.17	133.25	200.59
34492	73.09	-12.71	17.16	-350.81	156.55	153.73	177.96	91.76	144.42
34493	72.30	-12.45	17.16	-388.99	95.76	118.76	199.24	56.08	112.45
34494	71.53	-12.16	17.16	-410.50	43.44	92.99	218.20	24.08	94.10
34495	70.78	-11.84	17.16	-417.21	-1.13	74.88	236.14	-5.38	87.65
34496	78.02	-14.50	17.16	-237.03	120.04	200.91	5.70	1.52	79.52
34497	77.16	-14.45	17.16	-253.55	116.57	195.94	21.18	0.85	78.92
34498	76.31	-14.36	17.16	-276.54	107.97	186.00	41.46	1.41	76.26
34499	75.46	-14.22	17.16	-302.66	91.87	172.85	66.32	0.38	71.95
34500	74.62	-14.04	17.16	-327.21	68.52	155.75	92.44	-1.58	65.68
34501	73.79	-13.81	17.16	-351.83	40.75	135.46	117.59	-9.85	59.00
34502	72.98	-13.54	17.16	-372.44	12.59	115.95	141.81	-22.83	55.43
34503	72.19	-13.22	17.16	-387.52	-14.90	98.63	165.52	-39.94	56.91
34504	71.41	-12.87	17.16	-392.68	-41.81	85.00	188.28	-56.42	63.68
34505	70.66	-12.47	17.16	-388.26	-68.91	75.07	208.19	-71.28	74.41
34506	67.06	-9.32	17.16	-259.31	-189.07	60.78	258.10	-87.67	152.41
34507	67.55	-9.94	17.16	-285.03	-177.38	63.16	256.20	-94.69	142.36
34508	68.08	-10.54	17.16	-309.63	-163.26	65.35	252.83	-100.33	130.31
34509	67.75	-9.28	17.16	-324.66	-119.49	35.25	304.70	-44.55	123.20
34510	68.10	-9.82	17.16	-340.79	-115.97	41.97	292.79	-50.60	118.50
34511	68.47	-10.34	17.16	-353.94	-111.43	49.15	279.82	-56.88	113.23
34512	68.43	-9.23	17.16	-380.58	-49.94	22.98	344.22	-19.49	108.92
34513	68.64	-9.70	17.16	-387.01	-54.50	30.86	325.33	-23.28	106.05
34514	68.87	-10.15	17.16	-391.50	-60.13	37.56	306.09	-25.78	103.59
34515	69.95	-12.04	17.16	-377.54	-94.95	69.30	224.90	-83.12	85.32
34516	70.11	-11.50	17.16	-411.53	-37.21	63.93	251.35	-26.30	87.30
34517	70.26	-10.96	17.16	-436.94	25.08	55.09	284.95	8.01	94.72
34518	69.29	-11.58	17.16	-359.10	-120.14	66.14	238.83	-92.16	100.03
34519	69.52	-11.15	17.16	-395.52	-67.14	56.96	263.14	-41.35	94.51
34520	69.74	-10.73	17.16	-423.82	-12.15	47.56	291.25	-8.88	95.62
34521	68.66	-11.08	17.16	-335.09	-144.45	64.64	247.44	-97.31	114.89
34522	68.95	-10.79	17.16	-372.71	-96.23	52.63	270.79	-52.76	103.85
34523	69.23	-10.49	17.16	-403.28	-45.85	43.78	295.06	-24.04	101.55
34524	70.20	-9.30	15.47	-102.59	-81.68	92.33	194.05	111.47	148.39
34525	69.46	-9.27	15.47	-132.98	-83.03	68.53	184.10	41.67	159.72
34526	68.72	-9.24	15.47	-144.82	-83.51	65.96	173.88	-7.51	178.30
34527	70.10	-9.90	15.47	-98.40	-70.69	127.42	203.29	106.57	178.63
34528	69.46	-9.82	15.47	-123.56	-76.35	104.30	188.76	45.13	178.41
34529	68.82	-9.72	15.47	-136.08	-79.56	97.02	175.82	-1.88	186.63
34530	70.02	-10.50	15.47	-102.68	-64.04	160.86	204.25	89.04	195.14
34531	69.47	-10.36	15.47	-120.83	-71.23	139.37	189.05	39.79	190.93
34532	68.92	-10.20	15.47	-132.53	-75.94	129.44	175.43	-2.53	192.27
34533	78.05	-9.53	15.47	161.34	-98.79	2945.68	8.80	254.85	-450.05
34534	77.26	-9.53	15.47	44.03	-99.26	2889.01	-57.27	304.60	-416.53
34535	76.46	-9.52	15.47	-53.98	-103.58	2810.09	-38.99	375.93	-321.49
34536	75.67	-9.50	15.47	-82.71	-140.70	2608.34	-38.19	578.46	-141.91
34537	74.88	-9.49	15.47	-173.47	-193.45	2055.09	29.25	818.36	36.44
34538	74.09	-9.46	15.47	-178.02	-150.35	1602.13	-20.37	750.55	197.85
34539	73.30	-9.44	15.47	141.21	-110.50	1108.61	139.10	842.64	204.20
34540	72.52	-9.41	15.47	92.67	-82.41	575.90	201.13	585.59	187.36
34541	71.74	-9.37	15.47	24.76	-74.57	298.24	214.06	374.25	158.33
34542	70.95	-9.33	15.47	-49.61	-79.64	156.31	204.04	216.24	142.75
34543	78.04	-10.60	15.47	15.62	-351.42	3502.24	55.22	284.11	464.88
34544	77.22	-10.59	15.47	-38.78	-319.88	3395.73	29.61	393.38	493.84
34545	76.40	-10.56	15.47	-156.66	-273.52	3060.14	30.51	656.46	572.56
34546	75.59	-10.52	15.47	-199.78	-287.83	2704.33	-79.71	727.41	604.34
34547	74.78	-10.46	15.47	-48.05	-377.41	2102.75	105.19	1020.27	469.31
34548	73.98	-10.39	15.47	-22.61	-207.46	1441.70	219.88	850.19	478.06
34549	73.18	-10.31	15.47	165.38	-16.34	939.10	313.91	781.03	437.37
34550	72.38	-10.22	15.47	96.50	-31.22	519.13	278.33	531.86	303.72
34551	71.60	-10.12	15.47	12.62	-47.37	299.37	247.81	337.46	227.86

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]
34552	70.82	-10.00	15.47	-54.45	-61.90	183.35	221.99	198.69	189.04
34553	78.03	-11.67	15.47	-141.68	-269.63	3047.75	87.55	256.28	1333.21
34554	77.19	-11.65	15.47	-184.93	-266.94	2910.05	118.44	426.39	1277.97
34555	76.35	-11.60	15.47	-264.59	-281.10	2545.35	202.69	691.16	1132.03
34556	75.51	-11.53	15.47	-171.82	-38.81	2160.62	268.53	752.62	1097.56
34557	74.69	-11.44	15.47	116.49	218.63	1705.54	391.29	904.07	1020.74
34558	73.87	-11.33	15.47	102.12	142.22	1124.15	401.04	784.00	736.04
34559	73.06	-11.19	15.47	66.53	53.88	709.78	359.42	594.52	497.27
34560	72.25	-11.04	15.47	36.66	7.23	453.12	310.55	425.05	349.27
34561	71.46	-10.87	15.47	-20.85	-29.37	296.57	261.91	277.10	259.72
34562	70.68	-10.68	15.47	-71.51	-51.96	206.83	226.75	164.11	212.33
34563	78.02	-12.74	15.47	-189.42	651.36	1953.91	114.69	185.59	1590.30
34564	77.15	-12.71	15.47	-195.37	617.60	1863.52	201.46	335.96	1516.83
34565	76.29	-12.64	15.47	-177.12	566.54	1692.97	307.77	486.27	1382.43
34566	75.44	-12.55	15.47	-113.41	430.36	1375.30	406.18	612.91	1124.35
34567	74.60	-12.42	15.47	-67.51	280.61	1021.42	407.22	585.86	840.58
34568	73.76	-12.26	15.47	-20.99	182.98	757.37	387.89	514.95	627.48
34569	72.94	-12.08	15.47	-22.33	87.94	554.68	345.31	413.78	457.53
34570	72.13	-11.86	15.47	-43.42	18.96	404.92	295.92	303.71	335.28
34571	71.33	-11.62	15.47	-69.71	-23.12	301.72	252.50	203.28	258.82
34572	70.55	-11.35	15.47	-98.05	-48.61	233.53	217.85	118.12	216.59
34573	78.01	-13.81	15.47	-328.12	526.39	1039.76	84.36	102.17	972.86
34574	77.12	-13.77	15.47	-313.58	492.77	997.51	161.96	188.49	926.93
34575	76.24	-13.69	15.47	-287.46	428.32	922.46	239.24	266.51	843.12
34576	75.37	-13.56	15.47	-242.34	334.85	826.37	296.29	316.03	727.79
34577	74.51	-13.40	15.47	-188.35	228.16	710.92	320.27	332.28	592.90
34578	73.66	-13.20	15.47	-152.57	131.86	586.50	309.30	303.77	462.41
34579	72.82	-12.96	15.47	-130.03	59.60	477.79	284.47	252.19	358.11
34580	72.00	-12.69	15.47	-123.63	5.87	388.68	252.35	189.66	280.95
34581	71.20	-12.37	15.47	-126.94	-29.31	318.46	220.76	124.75	229.85
34582	70.42	-12.03	15.47	-133.99	-49.97	265.66	194.16	64.22	201.76
34583	78.00	-14.88	15.47	-434.13	209.57	706.41	43.43	47.03	465.99
34584	77.10	-14.83	15.47	-420.68	192.92	689.33	92.99	87.74	447.05
34585	76.20	-14.73	15.47	-397.76	164.03	659.50	138.51	122.96	414.96
34586	75.31	-14.58	15.47	-363.70	123.86	616.88	175.19	149.06	370.31
34587	74.43	-14.39	15.47	-321.58	77.98	564.28	196.93	159.62	317.73
34588	73.56	-14.14	15.47	-278.12	34.76	505.74	202.18	152.42	264.89
34589	72.72	-13.85	15.47	-241.93	-0.13	445.25	194.80	127.76	219.64
34590	71.89	-13.51	15.47	-214.47	-25.25	388.64	181.61	91.56	187.40
34591	71.08	-13.13	15.47	-195.78	-41.90	339.22	166.64	49.78	169.02
34592	70.29	-12.70	15.47	-183.65	-51.42	297.99	153.09	7.44	163.71
34593	66.58	-9.34	15.47	-133.42	-64.89	174.32	130.13	-121.41	266.63
34594	67.08	-10.00	15.47	-142.92	-62.87	190.32	130.05	-117.10	245.91
34595	67.62	-10.64	15.47	-152.68	-60.50	207.63	130.05	-108.46	223.97
34596	67.29	-9.29	15.47	-135.74	-77.54	119.14	147.25	-85.11	231.78
34597	67.65	-9.87	15.47	-138.07	-74.56	143.79	147.77	-79.43	222.97
34598	68.03	-10.43	15.47	-141.86	-70.78	169.32	147.87	-72.16	213.28
34599	68.00	-9.25	15.47	-143.14	-82.04	83.92	161.91	-49.21	203.31
34600	68.22	-9.74	15.47	-138.72	-79.02	111.54	162.73	-43.23	202.41
34601	68.44	-10.22	15.47	-136.90	-75.67	138.51	162.91	-35.89	201.09
34602	69.56	-12.24	15.47	-175.53	-56.66	266.18	142.46	-30.72	167.44
34603	69.72	-11.67	15.47	-139.96	-61.27	230.09	174.47	15.42	189.75
34604	69.89	-11.09	15.47	-116.82	-62.41	194.92	194.58	57.06	197.32
34605	68.87	-11.75	15.47	-168.33	-58.88	241.71	135.91	-62.95	181.56
34606	69.11	-11.30	15.47	-143.49	-66.58	205.70	161.92	-21.71	192.00
34607	69.35	-10.85	15.47	-127.93	-69.45	172.71	179.90	16.21	193.68
34608	68.21	-11.22	15.47	-161.07	-59.88	222.96	131.48	-88.53	200.46
34609	68.52	-10.90	15.47	-144.47	-69.28	188.00	152.36	-52.10	200.62
34610	68.82	-10.59	15.47	-135.17	-72.89	158.34	168.35	-18.91	198.39
34611	69.86	-9.32	13.78	6.82	-151.88	139.88	55.14	81.59	113.42
34612	69.09	-9.29	13.78	-13.98	-119.22	116.53	52.22	14.88	138.06
34613	68.33	-9.26	13.78	-30.39	-87.29	118.08	50.60	-34.46	165.58
34614	69.75	-9.96	13.78	8.61	-122.88	209.65	79.05	90.54	157.41
34615	69.08	-9.87	13.78	-9.29	-99.48	182.49	69.54	30.87	165.40
34616	68.42	-9.77	13.78	-24.64	-75.23	174.50	62.10	-16.29	178.89
34617	69.65	-10.60	13.78	1.96	-93.36	276.26	95.11	88.55	187.04
34618	69.08	-10.44	13.78	-11.35	-79.06	247.25	82.40	39.62	185.63
34619	68.52	-10.27	13.78	-24.52	-62.34	232.00	71.57	-2.89	188.91
34620	78.04	-9.57	13.78	-212.71	-414.09	2026.42	38.93	264.88	-64.82
34621	77.21	-9.56	13.78	-196.37	-417.64	1906.99	29.79	340.44	-66.68
34622	76.38	-9.55	13.78	-191.51	-415.99	1743.12	7.97	425.93	-44.78
34623	75.56	-9.54	13.78	-182.20	-396.47	1511.73	13.06	503.43	-17.87
34624	74.73	-9.52	13.78	-101.84	-354.99	1258.40	15.89	529.60	9.00
34625	73.91	-9.49	13.78	-30.67	-336.41	967.02	60.55	525.95	16.06
34626	73.09	-9.46	13.78	-35.42	-303.65	706.00	52.69	447.91	34.58
34627	72.27	-9.43	13.78	26.65	-259.11	497.28	57.24	382.43	54.56
34628	71.46	-9.39	13.78	38.92	-221.62	318.22	60.10	275.32	72.29
34629	70.65	-9.35	13.78	27.80	-185.74	202.06	58.38	169.33	89.55
34630	78.02	-10.71	13.78	-260.52	-380.75	2225.50	55.61	241.21	429.59
34631	77.16	-10.69	13.78	-247.70	-379.00	2083.97	60.48	365.29	407.14
34632	76.31	-10.66	13.78	-202.55	-360.11	1896.07	71.53	452.00	384.13
34633	75.46	-10.61	13.78	-155.64	-322.13	1633.68	129.95	541.13	342.99
34634	74.62	-10.55	13.78	-110.05	-256.49	1346.91	119.77	549.44	310.21
34635	73.78	-10.48	13.78	-25.41	-236.23	1060.40	112.99	545.78	265.67
34636	72.95	-10.39	13.78	-9.20	-236.18	783.56	114.27	471.78	225.86
34637	72.12	-10.30	13.78	36.73	-201.13	560.08	118.70	387.08	195.02
34638	71.30	-10.19	13.78	42.66	-173.60	385.32	107.12	276.32	168.20
34639	70.49	-10.06	13.78	27.99	-147.71	271.65	91.59	171.90	155.15
34640	78.01	-11.85	13.78	-302.53	-159.55	2058.75	75.41	204.10	795.67
34641	77.12	-11.82	13.78	-274.63	-160.87	1931.63	113.00	337.89	746.91
34642	76.25	-11.76	13.78	-210.15	-140.48	1755.77	137.79	425.39	692.12
34643	75.38	-11.69	13.78	-165.66	-168.21	1528.48	159.57	495.40	606.09
34644	74.51	-11.59	13.78	-144.78	-208.87	1267.74	174.49	515.57	504.38
34645	73.66	-11.47	13.78	-52.85	-175.33	1015.85	183.38	504.62	425.48
34646	72.81	-11.33	13.78	3.10	-146.57	776.11	181.43	441.22	350.06
34647	71.98	-11.17	13.78	24.07	-135.04	578.97	163.32	349.27	280.54
34648	71.15	-10.98	13.78	27.31	-122.99	433.24	139.16	250.90	229.19
34649	70.34	-10.78	13.78	16.15	-108.68	333.38	114.01	158.30	198.03
34650	78.00	-12.99	13.78	-342.80	-8.82	1694.67	76.10	152.32	926.35

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]
34651	77.09	-12.95	13.78	-311.31	-23.57	1610.02	129.71	264.58	871.44
34652	76.19	-12.88	13.78	-266.97	-41.18	1472.49	172.84	354.14	789.03
34653	75.30	-12.77	13.78	-207.88	-35.49	1310.00	198.36	406.36	704.30
34654	74.41	-12.64	13.78	-135.18	-30.26	1127.66	225.02	434.31	609.00
34655	73.54	-12.47	13.78	-78.70	-49.39	928.36	225.95	416.75	495.81
34656	72.68	-12.27	13.78	-35.27	-64.62	746.52	208.68	362.27	392.69
34657	71.84	-12.04	13.78	-10.76	-73.39	597.88	182.06	289.26	312.01
34658	71.01	-11.78	13.78	-3.37	-76.05	482.93	151.72	210.78	254.34
34659	70.20	-11.50	13.78	-6.83	-71.28	398.19	123.04	135.20	218.28
34660	77.98	-14.13	13.78	-362.96	177.49	1365.76	63.46	103.03	831.05
34661	77.06	-14.08	13.78	-336.07	157.44	1317.50	119.67	186.67	789.55
34662	76.14	-13.99	13.78	-294.98	128.71	1237.54	166.04	255.44	723.31
34663	75.22	-13.86	13.78	-243.69	91.95	1127.09	199.31	302.63	635.21
34664	74.32	-13.69	13.78	-188.76	54.05	1000.43	213.60	318.62	538.02
34665	73.43	-13.47	13.78	-134.60	20.46	873.77	212.31	308.29	444.55
34666	72.56	-13.21	13.78	-91.87	-8.32	753.02	196.09	274.91	360.72
34667	71.71	-12.92	13.78	-62.32	-27.80	644.71	171.38	225.14	292.99
34668	70.87	-12.59	13.78	-45.45	-37.65	552.71	143.82	167.59	244.16
34669	70.06	-12.22	13.78	-39.01	-39.03	477.48	117.56	108.92	213.45
34670	77.98	-15.27	13.78	-396.31	148.52	1279.60	39.57	68.29	535.56
34671	77.03	-15.22	13.78	-374.61	135.29	1249.64	82.90	124.92	512.40
34672	76.09	-15.11	13.78	-341.25	113.53	1198.70	119.64	172.99	474.35
34673	75.16	-14.95	13.78	-297.85	86.08	1129.38	146.17	207.66	424.88
34674	74.24	-14.74	13.78	-248.52	56.71	1044.88	160.20	225.46	368.88
34675	73.33	-14.48	13.78	-199.25	29.46	950.38	161.37	224.04	312.80
34676	72.45	-14.16	13.78	-154.71	7.65	852.84	152.19	205.23	262.95
34677	71.58	-13.80	13.78	-119.01	-7.25	757.70	135.92	172.64	223.20
34678	70.74	-13.39	13.78	-93.36	-14.71	669.02	116.57	131.05	195.81
34679	69.93	-12.94	13.78	-76.89	-15.51	589.41	97.55	85.55	181.16
34680	66.09	-9.36	13.78	-63.48	22.52	269.06	51.84	-102.07	256.12
34681	66.60	-10.07	13.78	-63.29	17.68	312.82	52.66	-84.57	236.03
34682	67.16	-10.74	13.78	-63.63	12.28	361.63	54.81	-63.03	216.23
34683	66.83	-9.31	13.78	-52.40	-17.17	195.86	51.13	-92.18	225.91
34684	67.20	-9.92	13.78	-49.45	-16.09	245.31	56.11	-71.49	217.93
34685	67.59	-10.52	13.78	-48.78	-15.05	297.71	61.28	-49.37	209.58
34686	67.58	-9.26	13.78	-42.76	-52.99	145.66	50.46	-70.65	196.23
34687	67.79	-9.79	13.78	-37.72	-47.28	196.48	58.22	-50.87	197.78
34688	68.02	-10.30	13.78	-35.46	-41.25	247.88	65.34	-30.15	198.68
34689	69.16	-12.45	13.78	-68.42	-11.91	520.58	80.95	41.56	176.70
34690	69.34	-11.83	13.78	-39.00	-35.50	420.32	96.11	57.92	197.49
34691	69.52	-11.22	13.78	-14.78	-63.59	344.07	101.21	75.80	199.87
34692	68.45	-11.92	13.78	-64.49	-5.10	461.09	68.59	1.60	183.57
34693	68.71	-11.44	13.78	-41.74	-29.18	376.18	80.74	16.17	195.19
34694	68.96	-10.96	13.78	-22.88	-55.12	309.88	86.23	33.04	194.85
34695	67.77	-11.36	13.78	-63.51	3.72	409.75	59.61	-32.95	196.89
34696	68.09	-11.02	13.78	-46.08	-20.15	339.95	68.77	-19.76	199.98
34697	68.41	-10.69	13.78	-31.54	-44.37	284.90	74.28	-4.62	197.61
34698	69.52	-9.34	12.09	30.16	-129.51	150.98	-15.71	16.93	68.23
34699	68.72	-9.31	12.09	19.56	-91.41	138.50	-16.56	-31.84	96.47
34700	67.93	-9.27	12.09	7.70	-53.89	145.39	-14.79	-67.51	125.80
34701	69.40	-10.01	12.09	31.21	-98.90	248.00	7.63	37.44	111.31
34702	68.71	-9.91	12.09	22.34	-70.07	226.60	1.93	-6.54	124.22
34703	68.02	-9.81	12.09	11.89	-40.90	220.19	-1.60	-41.25	140.50
34704	69.29	-10.69	12.09	27.24	-66.39	343.41	26.13	50.93	143.86
34705	68.70	-10.52	12.09	20.89	-47.85	314.56	17.41	13.92	146.61
34706	68.11	-10.35	12.09	12.39	-27.24	296.32	10.54	-18.25	152.89
34707	78.02	-9.60	12.09	-242.78	-372.70	1328.62	29.71	193.26	-21.55
34708	77.16	-9.60	12.09	-215.22	-369.00	1241.30	24.60	260.59	-31.34
34709	76.30	-9.58	12.09	-179.37	-358.54	1117.96	24.71	309.87	-36.58
34710	75.44	-9.57	12.09	-132.60	-343.09	973.40	21.34	335.41	-37.48
34711	74.58	-9.55	12.09	-94.06	-326.25	812.12	20.99	341.50	-35.90
34712	73.73	-9.52	12.09	-51.13	-298.16	649.22	9.53	322.50	-26.61
34713	72.88	-9.49	12.09	-1.23	-270.04	493.56	7.52	280.98	-15.53
34714	72.03	-9.46	12.09	17.70	-240.85	360.23	0.73	215.07	-2.14
34715	71.18	-9.42	12.09	32.97	-205.21	260.65	-6.49	147.01	16.51
34716	70.34	-9.37	12.09	35.82	-167.65	190.15	-12.43	77.87	39.86
34717	78.00	-10.81	12.09	-265.74	-310.69	1511.95	41.26	173.24	272.45
34718	77.11	-10.79	12.09	-231.31	-307.50	1424.80	51.41	251.25	248.23
34719	76.22	-10.75	12.09	-195.01	-298.99	1294.72	59.98	313.13	220.56
34720	75.33	-10.70	12.09	-147.57	-285.94	1137.35	55.32	347.00	196.04
34721	74.45	-10.64	12.09	-94.64	-273.63	963.57	61.34	356.85	170.34
34722	73.58	-10.56	12.09	-52.89	-249.89	786.85	61.83	336.39	143.59
34723	72.72	-10.47	12.09	-5.62	-217.92	624.72	53.04	293.84	120.87
34724	71.86	-10.37	12.09	17.70	-191.01	485.07	40.67	231.38	106.30
34725	71.01	-10.25	12.09	33.04	-160.75	375.75	28.68	163.89	99.99
34726	70.17	-10.12	12.09	36.08	-129.28	295.39	16.57	95.16	101.20
34727	77.99	-12.02	12.09	-282.75	-188.69	1519.57	47.23	143.96	503.31
34728	77.06	-11.99	12.09	-249.26	-190.71	1444.72	70.20	224.77	471.69
34729	76.15	-11.93	12.09	-211.80	-192.69	1329.33	89.72	289.30	427.73
34730	75.24	-11.85	12.09	-160.80	-181.62	1183.91	103.33	329.22	376.89
34731	74.34	-11.74	12.09	-100.39	-162.91	1024.39	106.23	338.68	324.39
34732	73.45	-11.62	12.09	-58.92	-156.57	863.34	101.33	320.29	271.08
34733	72.57	-11.47	12.09	-19.53	-146.07	714.16	89.60	282.72	223.91
34734	71.70	-11.29	12.09	9.93	-129.04	583.21	74.71	228.51	187.10
34735	70.85	-11.10	12.09	25.59	-109.51	476.20	57.26	165.78	161.29
34736	70.01	-10.88	12.09	29.80	-87.39	394.65	39.68	102.18	146.66
34737	77.97	-13.23	12.09	-290.45	-25.07	1443.92	47.25	111.80	605.89
34738	77.02	-13.19	12.09	-261.62	-32.77	1385.48	80.79	187.03	572.66
34739	76.08	-13.11	12.09	-220.46	-40.26	1295.61	106.19	244.88	524.90
34740	75.15	-13.00	12.09	-173.54	-53.72	1180.37	123.94	282.45	463.58
34741	74.23	-12.85	12.09	-126.14	-66.38	1050.54	128.22	294.79	396.97
34742	73.32	-12.67	12.09	-77.53	-69.47	919.24	124.74	284.81	334.89
34743	72.43	-12.46	12.09	-36.91	-69.24	792.76	113.29	255.44	278.99
34744	71.55	-12.22	12.09	-7.55	-65.82	677.77	95.65	211.00	232.10
34745	70.69	-11.95	12.09	10.20	-58.10	579.27	75.20	158.19	197.20
34746	69.85	-11.64	12.09	17.32	-45.81	498.63	54.76	103.43	175.17
34747	77.96	-14.44	12.09	-295.15	81.47	1412.15	39.94	83.12	576.68
34748	76.99	-14.39	12.09	-270.87	70.67	1369.97	75.64	145.54	548.73
34749	76.03	-14.30	12.09	-235.49	55.45	1302.79	103.78	195.72	506.07



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]
34750	75.07	-14.15	12.09	-192.18	39.30	1217.14	122.03	229.33	454.39
34751	74.13	-13.97	12.09	-145.34	22.77	1118.01	130.69	245.54	397.51
34752	73.21	-13.74	12.09	-100.87	6.61	1010.50	128.57	242.61	339.47
34753	72.30	-13.47	12.09	-61.83	-5.69	902.33	117.74	222.55	286.28
34754	71.41	-13.15	12.09	-31.44	-12.90	799.15	100.77	189.56	241.93
34755	70.54	-12.80	12.09	-10.90	-14.46	704.42	80.74	148.29	208.46
34756	69.70	-12.41	12.09	0.27	-10.40	619.90	60.66	103.49	186.50
34757	77.95	-15.66	12.09	-291.03	117.42	1551.04	28.83	63.72	477.32
34758	76.96	-15.60	12.09	-271.46	108.10	1516.93	60.22	114.86	458.22
34759	75.98	-15.48	12.09	-242.06	93.54	1460.90	85.77	157.91	428.00
34760	75.01	-15.31	12.09	-205.51	75.59	1385.38	103.49	189.55	389.41
34761	74.05	-15.09	12.09	-165.17	56.69	1294.46	112.20	207.17	346.34
34762	73.10	-14.81	12.09	-124.64	39.22	1193.06	112.11	210.16	302.90
34763	72.18	-14.48	12.09	-87.75	25.01	1085.86	104.27	199.13	262.59
34764	71.28	-14.09	12.09	-57.11	15.67	977.44	90.80	176.22	228.56
34765	70.40	-13.66	12.09	-34.22	11.84	871.59	74.23	144.66	202.81
34766	69.56	-13.18	12.09	-19.09	13.36	770.95	57.13	108.12	186.19
34767	65.61	-9.38	12.09	-23.71	64.12	286.85	7.11	-79.66	217.43
34768	66.13	-10.13	12.09	-18.64	56.88	358.44	9.10	-55.77	204.78
34769	66.70	-10.84	12.09	-14.22	48.81	436.07	12.75	-29.25	193.47
34770	66.38	-9.33	12.09	-14.10	24.55	225.03	-2.19	-92.39	187.05
34771	66.75	-9.98	12.09	-8.28	24.11	296.16	4.30	-64.01	183.42
34772	67.15	-10.61	12.09	-4.66	23.12	371.06	11.38	-35.16	180.20
34773	67.15	-9.28	12.09	-4.06	-14.47	175.49	-9.72	-88.71	157.14
34774	67.37	-9.83	12.09	1.38	-9.06	244.37	-0.26	-61.16	161.26
34775	67.60	-10.37	12.09	4.49	-3.74	314.68	8.86	-33.48	165.22
34776	68.77	-12.66	12.09	-11.69	18.87	677.94	41.41	70.75	177.39
34777	68.95	-12.00	12.09	3.88	-3.26	548.99	43.27	62.34	174.46
34778	69.14	-11.35	12.09	17.21	-33.03	441.05	38.63	57.96	164.17
34779	68.03	-12.10	12.09	-9.37	27.26	592.34	28.79	34.67	177.46
34780	68.30	-11.58	12.09	3.16	5.28	488.76	30.00	26.87	172.06
34781	68.56	-11.08	12.09	13.88	-21.47	400.10	27.01	23.71	161.98
34782	67.33	-11.50	12.09	-10.78	37.96	513.30	19.04	1.80	183.19
34783	67.67	-11.14	12.09	-0.60	16.20	434.53	19.40	-4.79	175.19
34784	68.00	-10.79	12.09	8.25	-8.56	366.12	17.65	-7.04	165.40
34785	69.18	-9.35	10.41	28.86	-88.85	141.79	-52.23	-43.08	29.38
34786	68.36	-9.32	10.41	22.02	-54.54	136.15	-52.24	-75.90	57.28
34787	67.53	-9.29	10.41	13.44	-20.74	142.49	-49.14	-97.62	85.78
34788	69.05	-10.06	10.41	30.36	-61.65	253.56	-32.12	-15.73	68.59
34789	68.33	-9.96	10.41	25.22	-35.60	235.73	-35.54	-45.25	84.01
34790	67.62	-9.86	10.41	18.10	-9.29	227.05	-36.73	-67.37	101.63
34791	68.93	-10.78	10.41	29.28	-33.34	365.17	-14.82	7.61	101.88
34792	68.32	-10.60	10.41	25.90	-16.41	335.78	-20.67	-17.76	107.93
34793	67.71	-10.42	10.41	20.40	2.34	312.72	-24.66	-39.32	116.62
34794	78.00	-9.64	10.41	-195.82	-300.58	889.31	16.17	139.31	-50.89
34795	77.11	-9.63	10.41	-171.32	-297.96	830.24	13.00	177.35	-61.77
34796	76.21	-9.62	10.41	-139.62	-290.68	749.70	7.25	202.59	-68.91
34797	75.32	-9.60	10.41	-105.07	-279.00	652.95	0.91	213.12	-72.10
34798	74.43	-9.58	10.41	-66.95	-261.98	548.71	-7.66	206.02	-70.72
34799	73.55	-9.55	10.41	-32.26	-241.87	445.43	-15.02	182.18	-65.93
34800	72.66	-9.52	10.41	-5.71	-216.55	351.06	-25.19	145.20	-56.31
34801	71.78	-9.48	10.41	16.99	-187.25	270.71	-34.45	99.69	-41.27
34802	70.90	-9.44	10.41	28.10	-156.09	207.80	-42.69	48.69	-21.70
34803	70.03	-9.39	10.41	31.47	-122.78	164.77	-49.05	-0.62	1.71
34804	77.98	-10.92	10.41	-209.22	-238.52	1088.99	22.28	121.05	148.35
34805	77.05	-10.89	10.41	-185.11	-237.33	1030.26	27.51	168.60	130.88
34806	76.12	-10.85	10.41	-151.03	-231.18	945.74	29.17	201.82	112.25
34807	75.20	-10.80	10.41	-113.16	-220.52	843.07	29.80	218.23	92.47
34808	74.29	-10.73	10.41	-74.81	-204.77	730.94	24.46	216.52	73.97
34809	73.39	-10.65	10.41	-37.15	-186.76	618.67	16.29	197.29	59.66
34810	72.49	-10.55	10.41	-8.50	-166.86	513.44	6.87	163.75	49.86
34811	71.60	-10.44	10.41	14.48	-142.78	421.53	-4.12	120.61	45.20
34812	70.72	-10.32	10.41	27.08	-116.76	346.21	-15.40	72.03	46.85
34813	69.85	-10.18	10.41	31.66	-88.83	289.08	-25.45	24.06	54.74
34814	77.97	-12.20	10.41	-216.85	-136.03	1200.45	25.89	100.43	304.70
34815	77.00	-12.16	10.41	-193.55	-138.10	1148.08	39.99	151.02	282.83
34816	76.04	-12.10	10.41	-159.73	-136.64	1069.71	49.20	188.14	254.56
34817	75.10	-12.01	10.41	-121.57	-133.92	973.33	52.69	208.10	222.85
34818	74.16	-11.90	10.41	-83.69	-129.39	866.53	51.64	211.35	190.14
34819	73.24	-11.76	10.41	-45.42	-119.04	757.28	45.44	197.69	159.62
34820	72.32	-11.60	10.41	-14.53	-106.08	652.76	35.21	169.20	133.85
34821	71.42	-11.42	10.41	8.32	-90.92	558.60	22.08	131.12	114.56
34822	70.54	-11.21	10.41	22.72	-72.95	477.58	8.22	87.75	102.86
34823	69.67	-10.98	10.41	28.82	-52.55	410.85	-5.00	43.45	98.74
34824	77.95	-13.48	10.41	-218.63	-26.34	1277.46	25.90	79.65	391.79
34825	76.96	-13.43	10.41	-196.86	-31.55	1234.27	45.89	127.73	369.95
34826	75.98	-13.35	10.41	-166.33	-37.42	1167.93	60.85	164.98	338.80
34827	75.00	-13.23	10.41	-129.80	-41.43	1084.22	68.92	187.82	302.15
34828	74.05	-13.07	10.41	-91.09	-43.73	989.60	70.58	195.01	263.35
34829	73.10	-12.88	10.41	-55.46	-45.31	889.98	65.36	186.97	225.25
34830	72.17	-12.66	10.41	-24.71	-43.86	791.40	55.00	165.95	191.46
34831	71.26	-12.40	10.41	-0.80	-38.69	698.20	41.32	135.35	164.34
34832	70.37	-12.11	10.41	15.11	-29.88	613.04	26.06	98.92	144.99
34833	69.50	-11.79	10.41	23.15	-17.38	537.25	11.12	60.43	133.91
34834	77.94	-14.76	10.41	-213.18	62.60	1392.24	22.96	61.68	415.44
34835	76.92	-14.70	10.41	-194.36	55.71	1356.31	45.44	105.40	396.85
34836	75.92	-14.60	10.41	-167.16	46.06	1300.29	62.75	140.67	369.20
34837	74.92	-14.45	10.41	-134.62	34.49	1227.45	73.59	164.79	334.91
34838	73.94	-14.25	10.41	-99.95	23.04	1142.25	77.04	175.97	297.51
34839	72.98	-14.01	10.41	-66.01	13.79	1049.57	73.85	174.41	260.61
34840	72.04	-13.72	10.41	-35.95	7.47	953.44	65.03	161.35	226.81
34841	71.11	-13.39	10.41	-11.78	4.84	857.45	52.20	138.92	198.23
34842	70.21	-13.01	10.41	5.50	6.40	764.37	37.28	110.05	176.32
34843	69.34	-12.60	10.41	15.66	12.13	675.84	22.24	77.85	161.66
34844	77.93	-16.04	10.41	-201.22	100.70	1599.49	18.86	49.45	419.51
34845	76.90	-15.98	10.41	-185.65	94.22	1566.61	40.45	89.93	404.92
34846	75.87	-15.86	10.41	-162.83	84.12	1513.72	57.74	124.21	382.25
34847	74.86	-15.68	10.41	-134.82	71.91	1443.27	69.32	149.81	353.58
34848	73.86	-15.44	10.41	-104.18	59.09	1358.21	74.56	165.22	321.28

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]
34849	72.87	-15.14	10.41	-73.65	47.27	1261.92	73.45	169.71	287.91
34850	71.91	-14.79	10.41	-45.61	38.00	1158.06	66.82	163.70	256.06
34851	70.98	-14.38	10.41	-22.05	32.31	1050.05	56.00	148.53	227.85
34852	70.07	-13.92	10.41	-4.15	30.74	940.80	42.69	126.21	204.75
34853	69.19	-13.41	10.41	7.91	33.32	832.49	28.70	99.19	187.65
34854	65.12	-9.40	10.41	-5.49	83.48	239.62	-18.11	-68.17	172.44
34855	65.66	-10.19	10.41	2.08	76.27	333.76	-15.69	-42.25	169.80
34856	66.24	-10.95	10.41	8.23	68.19	432.73	-11.18	-15.46	168.52
34857	65.92	-9.35	10.41	-1.32	49.07	200.69	-31.67	-94.41	144.77
34858	66.30	-10.03	10.41	6.21	47.96	287.57	-24.95	-63.55	147.23
34859	66.71	-10.69	10.41	11.55	46.16	377.71	-17.44	-33.16	150.47
34860	66.72	-9.29	10.41	4.91	14.52	165.30	-42.07	-104.71	116.10
34861	66.94	-9.88	10.41	11.30	18.99	245.26	-32.80	-74.07	123.54
34862	67.18	-10.45	10.41	15.68	23.02	326.70	-23.60	-44.05	131.42
34863	68.37	-12.86	10.41	13.60	39.20	727.87	15.52	70.25	175.78
34864	68.57	-12.17	10.41	19.39	20.03	596.49	8.97	47.22	152.95
34865	68.77	-11.48	10.41	24.85	-4.91	477.79	-0.56	27.91	129.29
34866	67.61	-12.27	10.41	14.85	47.33	627.44	4.43	40.80	169.93
34867	67.89	-11.73	10.41	19.21	28.60	524.90	-1.50	19.74	150.15
34868	68.17	-11.19	10.41	23.39	6.08	431.13	-9.09	2.96	129.67
34869	66.89	-11.64	10.41	12.63	57.62	530.30	-4.58	12.81	168.05
34870	67.24	-11.26	10.41	16.04	39.15	456.56	-9.97	-5.55	150.96
34871	67.59	-10.89	10.41	19.62	18.00	388.50	-15.91	-19.78	133.52
34872	68.84	-9.37	8.72	19.56	-53.56	119.43	-72.23	-88.81	-1.37
34873	67.99	-9.34	8.72	13.77	-24.45	113.46	-71.72	-110.00	25.35
34874	67.14	-9.30	8.72	6.75	4.59	112.70	-68.30	-121.69	52.08
34875	68.70	-10.12	8.72	22.62	-30.68	235.46	-55.46	-58.12	35.44
34876	67.95	-10.01	8.72	18.74	-8.45	215.88	-57.39	-77.20	51.87
34877	67.22	-9.90	8.72	13.32	14.26	200.32	-57.32	-90.26	69.50
34878	68.57	-10.87	8.72	24.23	-7.44	351.52	-40.08	-29.80	69.98
34879	67.93	-10.69	8.72	21.95	7.31	318.71	-43.97	-46.69	77.67
34880	67.31	-10.49	8.72	17.97	23.75	288.62	-46.17	-60.55	87.19
34881	77.98	-9.67	8.72	-141.51	-231.84	610.66	2.99	98.86	-93.98
34882	77.06	-9.66	8.72	-122.72	-229.30	570.24	-2.70	115.44	-101.85
34883	76.13	-9.65	8.72	-99.03	-222.82	515.79	-9.62	123.34	-106.78
34884	75.20	-9.63	8.72	-72.22	-212.35	452.17	-18.03	120.52	-108.24
34885	74.28	-9.61	8.72	-45.75	-198.28	384.49	-27.23	106.80	-105.86
34886	73.36	-9.58	8.72	-21.48	-180.46	317.85	-37.51	83.13	-98.91
34887	72.45	-9.54	8.72	-1.23	-159.67	256.87	-47.34	51.29	-87.37
34888	71.54	-9.50	8.72	12.36	-136.09	205.14	-56.56	14.49	-71.46
34889	70.63	-9.46	8.72	20.30	-109.90	164.67	-64.23	-23.43	-51.38
34890	69.72	-9.41	8.72	22.13	-82.04	135.74	-69.74	-59.28	-27.97
34891	77.96	-11.02	8.72	-152.23	-174.06	829.82	7.09	84.73	52.59
34892	76.99	-10.99	8.72	-133.22	-172.90	788.35	7.65	108.52	40.37
34893	76.03	-10.95	8.72	-108.77	-168.33	730.14	6.01	123.30	27.73
34894	75.07	-10.89	8.72	-80.88	-160.40	660.07	1.43	126.99	16.13
34895	74.13	-10.82	8.72	-52.46	-149.44	583.84	-5.05	118.82	6.71
34896	73.19	-10.73	8.72	-26.77	-135.20	506.82	-13.46	99.99	0.28
34897	72.26	-10.63	8.72	-4.87	-117.92	433.85	-23.27	72.40	-1.96
34898	71.34	-10.52	8.72	10.68	-98.45	368.38	-33.28	39.11	0.62
34899	70.42	-10.39	8.72	20.22	-76.81	312.51	-42.64	3.68	7.92
34900	69.52	-10.24	8.72	23.59	-53.51	266.77	-50.59	-30.71	19.70
34901	77.94	-12.37	8.72	-157.62	-96.61	1000.81	9.71	69.36	173.69
34902	76.94	-12.33	8.72	-139.48	-97.66	961.88	16.20	97.26	159.04
34903	75.94	-12.26	8.72	-115.35	-96.89	905.41	19.56	116.57	141.11
34904	74.96	-12.17	8.72	-87.50	-93.70	835.73	19.38	125.35	121.54
34905	73.99	-12.05	8.72	-58.59	-87.91	758.12	15.36	122.46	102.41
34906	73.03	-11.90	8.72	-32.17	-80.15	677.66	8.18	108.89	85.58
34907	72.08	-11.74	8.72	-9.53	-69.79	598.63	-1.35	86.66	72.52
34908	71.15	-11.54	8.72	7.55	-56.84	524.26	-12.07	58.22	64.26
34909	70.23	-11.33	8.72	18.50	-41.53	456.63	-22.96	26.77	61.32
34910	69.33	-11.08	8.72	23.47	-24.00	396.51	-32.94	-4.79	63.50
34911	77.93	-13.72	8.72	-157.11	-15.74	1156.61	10.67	54.36	258.17
34912	76.89	-13.67	8.72	-140.73	-18.96	1121.61	21.76	83.71	243.46
34913	75.87	-13.58	8.72	-118.01	-22.08	1069.34	29.16	105.67	223.65
34914	74.86	-13.45	8.72	-91.54	-24.80	1003.37	32.27	118.19	200.66
34915	73.86	-13.29	8.72	-64.01	-26.27	927.78	30.79	120.47	176.70
34916	72.88	-13.09	8.72	-37.62	-25.47	846.76	25.29	112.84	154.05
34917	71.92	-12.85	8.72	-14.75	-22.26	763.93	16.52	96.71	134.45
34918	70.98	-12.58	8.72	3.15	-16.38	682.21	5.65	74.23	119.22
34919	70.05	-12.27	8.72	15.44	-7.64	603.55	-6.00	47.97	109.10
34920	69.15	-11.93	8.72	22.05	4.07	528.87	-17.14	20.46	104.41
34921	77.92	-15.07	8.72	-150.96	48.37	1333.17	10.54	41.63	315.63
34922	76.86	-15.01	8.72	-136.64	44.02	1301.29	24.16	71.15	302.61
34923	75.81	-14.90	8.72	-116.48	38.03	1252.31	34.28	94.89	283.84
34924	74.77	-14.74	8.72	-92.41	31.49	1188.83	39.93	110.86	261.13
34925	73.76	-14.53	8.72	-66.73	25.36	1113.86	40.85	118.09	236.47
34926	72.75	-14.28	8.72	-41.83	20.48	1030.56	37.21	116.48	211.82
34927	71.77	-13.97	8.72	-19.54	17.81	942.02	29.78	106.85	189.08
34928	70.82	-13.62	8.72	-1.31	18.01	850.85	19.68	90.70	169.64
34929	69.89	-13.23	8.72	12.05	21.39	759.02	8.21	69.93	154.42
34930	68.98	-12.79	8.72	20.26	27.96	667.78	-3.28	46.58	143.77
34931	77.91	-16.43	8.72	-138.99	88.38	1549.88	10.67	32.41	375.16
34932	76.83	-16.36	8.72	-126.84	83.93	1519.25	25.37	62.81	363.96
34933	75.76	-16.23	8.72	-109.52	77.05	1470.73	36.95	88.72	346.71
34934	74.71	-16.04	8.72	-88.55	68.69	1406.09	44.44	108.39	324.72
34935	73.67	-15.79	8.72	-65.74	60.03	1327.60	47.33	120.61	299.68
34936	72.65	-15.47	8.72	-42.96	52.29	1237.84	45.68	124.92	273.44
34937	71.65	-15.10	8.72	-21.97	46.47	1139.43	40.00	121.53	247.67
34938	70.67	-14.67	8.72	-4.16	43.34	1034.84	31.20	111.24	223.84
34939	69.73	-14.19	8.72	9.61	43.37	926.27	20.42	95.32	203.01
34940	68.82	-13.65	8.72	19.12	46.68	815.37	8.94	75.41	185.92
34941	64.64	-9.42	8.72	4.66	96.10	144.15	-38.79	-70.25	128.29
34942	65.18	-10.25	8.72	11.07	89.67	257.46	-33.70	-45.13	136.68
34943	65.78	-11.05	8.72	18.30	81.25	373.68	-28.09	-19.23	145.62
34944	65.47	-9.37	8.72	-0.10	65.57	134.29	-51.10	-103.30	105.63
34945	65.85	-10.08	8.72	8.72	64.61	233.27	-44.02	-71.78	114.82
34946	66.27	-10.78	8.72	16.12	61.97	333.74	-36.10	-41.67	124.56
34947	66.30	-9.31	8.72	0.79	35.38	120.97	-61.24	-120.24	80.14

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]
34948	66.52	-9.92	8.72	9.36	38.97	206.97	-52.54	-88.76	91.23
34949	66.75	-10.52	8.72	15.86	41.80	293.88	-43.72	-58.82	103.07
34950	67.98	-13.07	8.72	23.66	52.70	704.94	-2.17	53.27	172.02
34951	68.18	-12.33	8.72	23.50	36.08	582.53	-13.57	23.88	136.45
34952	68.39	-11.61	8.72	23.80	15.56	466.21	-25.69	-2.71	103.26
34953	67.19	-12.45	8.72	24.62	60.58	595.74	-12.07	29.58	161.80
34954	67.48	-11.87	8.72	23.61	44.51	502.75	-21.99	2.81	132.41
34955	67.78	-11.30	8.72	23.07	25.68	413.78	-32.00	-20.63	104.56
34956	66.45	-11.78	8.72	22.71	70.58	486.31	-20.75	6.14	153.81
34957	66.81	-11.38	8.72	21.12	54.71	423.56	-28.96	-17.21	130.43
34958	67.18	-10.98	8.72	20.33	36.71	362.91	-36.98	-37.24	107.65
34959	68.50	-9.39	7.03	12.36	-26.27	85.04	-83.96	-121.34	-24.77
34960	67.62	-9.35	7.03	8.19	-1.28	73.63	-83.86	-134.19	0.66
34961	66.74	-9.32	7.03	2.97	24.97	62.14	-81.52	-138.91	25.59
34962	68.35	-10.17	7.03	17.10	-6.74	198.66	-70.78	-90.34	11.31
34963	67.58	-10.06	7.03	14.98	12.62	173.59	-72.43	-102.20	27.83
34964	66.81	-9.94	7.03	11.71	33.30	148.65	-72.50	-109.08	44.76
34965	68.20	-10.96	7.03	20.38	12.70	312.13	-57.80	-61.12	47.60
34966	67.55	-10.77	7.03	19.69	25.99	273.92	-60.99	-72.25	55.70
34967	66.90	-10.57	7.03	17.70	41.23	235.74	-62.91	-80.89	65.07
34968	77.97	-9.71	7.03	-97.04	-172.33	431.00	-7.54	69.32	-132.88
34969	77.00	-9.70	7.03	-82.97	-169.95	402.18	-14.76	70.68	-138.15
34970	76.04	-9.68	7.03	-65.78	-164.42	364.75	-23.08	66.30	-140.33
34971	75.09	-9.66	7.03	-47.25	-155.84	321.61	-32.26	55.22	-139.00
34972	74.13	-9.63	7.03	-28.99	-144.27	276.05	-42.05	37.32	-133.80
34973	73.18	-9.60	7.03	-12.74	-129.94	231.31	-51.88	13.43	-124.60
34974	72.23	-9.57	7.03	0.14	-112.99	190.08	-61.35	-14.70	-111.34
34975	71.29	-9.53	7.03	9.10	-93.76	154.24	-69.80	-44.88	-94.17
34976	70.35	-9.48	7.03	13.67	-72.64	124.72	-76.69	-74.55	-73.58
34977	69.41	-9.43	7.03	14.42	-49.92	101.42	-81.62	-101.03	-50.35
34978	77.94	-11.12	7.03	-106.92	-123.41	662.35	-4.58	57.57	-14.74
34979	76.94	-11.09	7.03	-92.79	-122.25	631.25	-7.29	65.76	-23.05
34980	75.94	-11.05	7.03	-74.93	-118.48	588.79	-11.74	67.99	-30.49
34981	74.95	-10.99	7.03	-55.22	-112.10	538.19	-17.79	63.01	-36.35
34982	73.96	-10.91	7.03	-35.56	-103.15	482.91	-25.40	50.71	-39.82
34983	72.99	-10.82	7.03	-17.57	-91.82	426.35	-34.05	31.75	-40.14
34984	72.03	-10.71	7.03	-2.84	-78.28	371.34	-43.14	7.79	-36.87
34985	71.07	-10.59	7.03	8.04	-62.62	319.93	-52.05	-19.01	-29.84
34986	70.13	-10.46	7.03	14.62	-45.14	273.21	-60.08	-46.25	-19.12
34987	69.20	-10.31	7.03	17.27	-25.96	231.26	-66.72	-71.46	-5.17
34988	77.92	-12.54	7.03	-112.12	-64.35	865.25	-2.30	45.33	90.27
34989	76.88	-12.50	7.03	-98.59	-64.77	834.18	-0.67	58.45	80.29
34990	75.84	-12.43	7.03	-80.99	-63.66	790.10	-1.25	65.89	68.98
34991	74.82	-12.33	7.03	-61.12	-60.88	735.99	-4.30	66.28	57.52
34992	73.81	-12.20	7.03	-40.96	-56.25	675.11	-9.66	59.35	47.09
34993	72.82	-12.05	7.03	-22.12	-49.51	610.62	-16.98	45.64	38.80
34994	71.84	-11.87	7.03	-6.15	-40.69	545.25	-25.62	26.50	33.57
34995	70.87	-11.67	7.03	6.16	-29.79	481.02	-34.85	3.89	31.94
34996	69.92	-11.44	7.03	14.44	-16.82	419.12	-43.85	-20.08	34.09
34997	68.99	-11.19	7.03	18.80	-1.78	359.94	-51.97	-43.37	39.65
34998	77.91	-13.97	7.03	-112.51	-6.31	1058.32	-0.55	33.57	177.94
34999	76.83	-13.91	7.03	-100.10	-8.07	1028.21	4.66	50.03	167.75
35000	75.76	-13.81	7.03	-83.56	-9.66	984.09	7.40	61.53	154.71
35001	74.71	-13.68	7.03	-64.51	-10.54	928.35	7.23	66.72	140.06
35002	73.68	-13.50	7.03	-44.69	-10.24	863.74	4.11	65.04	125.22
35003	72.66	-13.29	7.03	-25.87	-8.40	792.99	-1.67	56.83	111.50
35004	71.66	-13.04	7.03	-9.35	-4.59	718.55	-9.48	43.09	100.02
35005	70.69	-12.76	7.03	3.94	1.45	642.36	-18.54	25.31	91.57
35006	69.73	-12.43	7.03	13.51	9.87	565.72	-28.02	5.25	86.54
35007	68.80	-12.08	7.03	19.33	20.88	489.26	-37.08	-15.32	85.09
35008	77.90	-15.39	7.03	-108.16	41.66	1257.34	1.20	23.24	255.52
35009	76.79	-15.32	7.03	-97.16	39.11	1228.06	9.07	42.35	246.05
35010	75.70	-15.21	7.03	-82.20	35.67	1183.70	14.47	57.39	232.80
35011	74.63	-15.04	7.03	-64.65	31.97	1126.10	16.84	67.04	216.85
35012	73.57	-14.82	7.03	-46.03	28.73	1057.41	15.96	70.61	199.54
35013	72.53	-14.54	7.03	-27.84	26.70	979.94	12.01	68.05	182.20
35014	71.51	-14.22	7.03	-11.39	26.45	895.86	5.49	59.92	166.00
35015	70.52	-13.85	7.03	2.36	28.43	807.07	-2.90	47.22	151.85
35016	69.56	-13.44	7.03	12.87	32.97	715.04	-12.29	31.27	140.33
35017	68.62	-12.98	7.03	19.93	40.22	620.74	-21.83	13.44	131.69
35018	77.89	-16.81	7.03	-99.12	78.95	1464.83	3.85	14.95	339.77
35019	76.77	-16.74	7.03	-89.56	76.05	1435.93	13.81	36.93	331.12
35020	75.66	-16.61	7.03	-76.41	71.50	1390.66	21.47	55.71	317.79
35021	74.56	-16.40	7.03	-60.69	66.03	1330.38	26.16	69.99	300.69
35022	73.48	-16.14	7.03	-43.66	60.44	1256.76	27.52	78.90	280.96
35023	72.42	-15.81	7.03	-26.63	55.57	1171.70	25.55	82.04	259.84
35024	71.38	-15.42	7.03	-10.79	52.21	1077.18	20.58	79.50	238.53
35025	70.37	-14.96	7.03	2.91	50.98	975.09	13.17	71.77	218.08
35026	69.40	-14.45	7.03	13.84	52.34	867.10	4.05	59.64	199.23
35027	68.46	-13.89	7.03	21.89	56.55	754.47	-5.92	44.22	182.62
35028	64.15	-9.44	7.03	3.26	121.66	9.17	-58.45	-92.86	88.43
35029	64.71	-10.32	7.03	19.39	111.20	147.94	-55.77	-63.08	112.02
35030	65.32	-11.15	7.03	26.27	98.00	281.49	-46.69	-36.55	129.64
35031	65.01	-9.38	7.03	-4.63	88.85	41.64	-69.90	-118.15	73.91
35032	65.40	-10.14	7.03	12.07	83.36	149.62	-62.10	-85.43	89.66
35033	65.83	-10.87	7.03	21.58	78.02	257.38	-53.96	-57.93	105.05
35034	65.87	-9.32	7.03	-2.27	55.46	53.79	-76.62	-133.16	51.55
35035	66.09	-9.97	7.03	10.05	57.19	141.69	-68.85	-103.27	65.99
35036	66.33	-10.60	7.03	18.17	58.37	230.62	-60.71	-76.04	81.43
35037	67.58	-13.27	7.03	26.28	63.29	640.09	-16.10	26.58	167.78
35038	67.80	-12.50	7.03	23.44	48.80	530.31	-30.76	-4.06	124.72
35039	68.02	-11.74	7.03	21.74	31.71	422.17	-44.16	-32.38	85.36
35040	66.77	-12.62	7.03	28.05	72.16	524.72	-26.04	6.88	155.03
35041	67.08	-12.01	7.03	24.83	57.82	443.78	-38.69	-20.70	119.42
35042	67.38	-11.42	7.03	22.43	41.46	363.79	-49.70	-45.49	86.54
35043	66.00	-11.92	7.03	27.95	83.95	406.12	-35.99	-13.34	143.37
35044	66.39	-11.50	7.03	24.51	68.98	355.58	-45.89	-36.85	115.12
35045	66.76	-11.08	7.03	21.72	52.57	305.05	-54.26	-57.80	88.46
35046	68.17	-9.41	5.34	15.51	-4.52	39.75	-92.19	-146.65	-41.77

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]
35047	67.25	-9.37	5.34	18.15	17.45	18.89	-94.35	-154.40	-16.96
35048	66.34	-9.33	5.34	23.06	42.53	-6.76	-95.90	-154.02	7.31
35049	68.00	-10.23	5.34	20.48	13.69	147.54	-83.50	-118.04	-4.82
35050	67.20	-10.11	5.34	24.21	31.20	114.23	-87.20	-125.85	11.86
35051	66.41	-9.99	5.34	29.35	51.48	77.73	-90.73	-128.86	28.59
35052	67.84	-11.05	5.34	22.47	31.63	255.46	-73.53	-90.83	34.05
35053	67.17	-10.85	5.34	26.14	44.28	210.45	-78.38	-99.01	42.46
35054	66.50	-10.64	5.34	30.33	59.94	163.35	-83.10	-104.85	51.89
35055	77.95	-9.74	5.34	-63.89	-121.20	310.82	-14.99	47.11	-163.36
35056	76.95	-9.73	5.34	-53.14	-119.06	289.35	-22.99	38.58	-166.46
35057	75.96	-9.71	5.34	-40.91	-114.53	262.49	-31.74	26.36	-166.25
35058	74.97	-9.69	5.34	-28.22	-107.63	232.03	-41.05	9.94	-162.49
35059	73.98	-9.66	5.34	-16.20	-98.47	199.94	-50.60	-10.54	-155.05
35060	73.00	-9.63	5.34	-5.78	-87.18	168.05	-60.03	-34.33	-143.86
35061	72.02	-9.59	5.34	2.41	-73.96	137.77	-68.91	-60.15	-129.05
35062	71.05	-9.55	5.34	8.12	-58.95	109.93	-76.85	-86.30	-110.90
35063	70.07	-9.51	5.34	11.64	-42.30	84.59	-83.51	-110.85	-89.89
35064	69.11	-9.45	5.34	13.69	-24.13	61.01	-88.73	-131.79	-66.76
35065	77.92	-11.23	5.34	-73.43	-79.88	545.89	-12.94	36.92	-60.28
35066	76.88	-11.20	5.34	-62.65	-78.71	521.09	-17.65	34.94	-65.73
35067	75.84	-11.15	5.34	-49.85	-75.65	488.25	-23.54	29.01	-69.54
35068	74.82	-11.08	5.34	-36.17	-70.64	449.34	-30.57	18.46	-71.24
35069	73.80	-11.00	5.34	-22.78	-63.73	406.47	-38.51	3.26	-70.38
35070	72.79	-10.90	5.34	-10.72	-54.96	361.64	-47.02	-15.93	-66.62
35071	71.80	-10.79	5.34	-0.66	-44.42	316.44	-55.67	-37.93	-59.76
35072	70.81	-10.67	5.34	7.08	-32.19	271.86	-64.02	-61.12	-49.78
35073	69.84	-10.52	5.34	12.73	-18.29	228.22	-71.67	-83.72	-36.97
35074	68.87	-10.37	5.34	16.86	-2.67	185.12	-78.45	-103.86	-21.76
35075	77.90	-12.72	5.34	-79.12	-34.29	762.95	-10.99	26.40	39.21
35076	76.82	-12.67	5.34	-68.86	-34.23	736.55	-12.44	29.85	32.34
35077	75.74	-12.59	5.34	-56.20	-33.07	699.99	-15.42	29.41	25.39
35078	74.68	-12.49	5.34	-42.30	-30.63	655.11	-20.05	24.27	19.05
35079	73.64	-12.35	5.34	-28.33	-26.74	603.97	-26.22	14.27	14.05
35080	72.61	-12.19	5.34	-15.37	-21.29	548.51	-33.62	-0.11	11.07
35081	71.59	-12.01	5.34	-4.12	-14.15	490.37	-41.82	-17.86	10.57
35082	70.60	-11.79	5.34	5.04	-5.25	430.66	-50.35	-37.59	12.84
35083	69.62	-11.55	5.34	12.20	5.55	369.97	-58.78	-57.73	17.89
35084	68.66	-11.29	5.34	17.79	18.54	308.33	-66.87	-76.79	25.30
35085	77.89	-14.21	5.34	-80.87	8.24	972.22	-8.86	16.11	132.19
35086	76.76	-14.15	5.34	-71.48	7.43	945.06	-7.38	23.96	124.86
35087	75.66	-14.05	5.34	-59.54	6.83	905.87	-7.61	28.29	115.96
35088	74.57	-13.90	5.34	-46.09	6.79	856.24	-9.82	28.20	106.32
35089	73.50	-13.72	5.34	-32.25	7.68	798.00	-14.02	23.37	96.81
35090	72.44	-13.50	5.34	-19.02	9.87	732.95	-19.97	14.03	88.29
35091	71.41	-13.24	5.34	-7.18	13.68	662.69	-27.29	0.93	81.46
35092	70.40	-12.93	5.34	2.83	19.37	588.50	-35.52	-14.85	76.79
35093	69.41	-12.60	5.34	10.91	27.24	511.19	-44.21	-32.03	74.55
35094	68.45	-12.22	5.34	17.25	37.79	431.14	-53.01	-49.35	74.85
35095	77.87	-15.70	5.34	-78.75	43.53	1178.82	-6.06	6.55	221.53
35096	76.73	-15.63	5.34	-70.36	42.18	1151.16	-1.98	18.20	214.39
35097	75.59	-15.51	5.34	-59.43	40.30	1109.63	0.37	26.87	204.50
35098	74.48	-15.33	5.34	-46.84	38.37	1055.56	0.59	31.62	192.66
35099	73.38	-15.10	5.34	-33.56	36.90	990.50	-1.44	31.96	179.74
35100	72.30	-14.81	5.34	-20.54	36.42	916.10	-5.62	27.86	166.66
35101	71.25	-14.48	5.34	-8.55	37.41	833.97	-11.64	19.70	154.22
35102	70.22	-14.09	5.34	1.88	40.30	745.51	-19.11	8.17	143.08
35103	69.23	-13.65	5.34	10.51	45.50	651.83	-27.57	-5.79	133.69
35104	68.26	-13.17	5.34	17.28	53.43	553.70	-36.59	-21.22	126.27
35105	77.87	-17.20	5.34	-73.17	74.44	1374.61	-1.95	-2.01	313.29
35106	76.70	-17.12	5.34	-65.71	72.66	1346.67	4.69	13.23	306.57
35107	75.55	-16.98	5.34	-55.84	69.75	1303.24	9.63	26.09	296.05
35108	74.41	-16.77	5.34	-44.24	66.20	1245.35	12.37	35.61	282.36
35109	73.29	-16.49	5.34	-31.73	62.64	1174.27	12.66	41.13	266.32
35110	72.19	-16.14	5.34	-19.17	59.71	1091.49	10.47	42.32	248.83
35111	71.11	-15.73	5.34	-7.33	58.03	998.53	5.94	39.18	230.76
35112	70.07	-15.25	5.34	3.17	58.17	896.93	-0.60	31.98	212.91
35113	69.06	-14.72	5.34	11.95	60.64	788.06	-8.77	21.20	195.89
35114	68.09	-14.12	5.34	19.07	65.94	672.97	-18.12	7.59	180.28
35115	63.67	-9.47	5.34	65.46	211.09	-148.38	-138.79	-125.67	81.25
35116	64.23	-10.38	5.34	42.98	161.00	29.20	-99.20	-91.53	110.25
35117	64.85	-11.25	5.34	34.54	127.65	175.93	-71.45	-69.02	127.20
35118	64.56	-9.40	5.34	44.99	123.33	-70.06	-104.51	-125.42	57.88
35119	64.95	-10.19	5.34	46.95	113.80	47.71	-97.54	-105.23	77.84
35120	65.38	-10.96	5.34	36.13	103.36	163.54	-80.71	-84.39	97.02
35121	65.44	-9.34	5.34	31.50	76.75	-34.08	-98.06	-143.47	33.41
35122	65.67	-10.01	5.34	37.43	78.03	56.21	-93.58	-120.95	50.64
35123	65.91	-10.67	5.34	35.28	79.46	147.91	-84.85	-99.59	69.73
35124	67.19	-13.48	5.34	23.75	74.21	554.79	-28.44	-8.19	165.79
35125	67.41	-12.67	5.34	21.98	63.06	458.07	-45.87	-36.45	119.70
35126	67.65	-11.87	5.34	21.81	48.60	358.78	-60.66	-63.55	75.90
35127	66.35	-12.79	5.34	27.01	85.77	434.33	-39.78	-26.37	152.83
35128	66.67	-12.16	5.34	25.94	74.02	365.33	-55.41	-51.23	114.06
35129	66.99	-11.53	5.34	25.89	58.98	294.22	-67.70	-74.41	77.07
35130	65.56	-12.06	5.34	29.64	102.65	308.81	-53.15	-45.59	140.99
35131	65.96	-11.61	5.34	29.95	88.77	269.23	-66.04	-65.89	109.15
35132	66.35	-11.18	5.34	30.28	71.77	227.71	-75.09	-84.62	78.61
35133	86.37	-9.28	17.16	-521.06	246.83	56.49	-401.93	-46.97	120.61
35134	87.07	-9.26	17.16	-496.39	143.53	37.21	-378.59	-10.76	106.73
35135	87.78	-9.23	17.16	-453.75	57.85	28.93	-353.01	12.77	103.68
35136	86.44	-9.85	17.16	-497.47	182.94	57.75	-347.32	-35.42	115.49
35137	87.07	-9.77	17.16	-477.68	104.45	43.23	-336.66	-5.17	104.47
35138	87.68	-9.68	17.16	-443.90	36.78	35.88	-324.27	16.71	101.12
35139	86.52	-10.41	17.16	-471.61	116.82	60.85	-299.22	-19.30	106.09
35140	87.05	-10.27	17.16	-456.32	63.43	49.67	-298.29	4.14	100.61
35141	87.58	-10.13	17.16	-430.77	13.06	44.25	-295.42	25.52	97.90
35142	78.83	-9.50	17.16	493.12	745.66	3202.01	-68.40	391.97	-1236.96
35143	79.59	-9.50	17.16	692.11	709.66	3995.68	-53.72	851.50	-795.69
35144	80.35	-9.49	17.16	509.78	637.99	4760.44	62.39	370.67	-349.12
35145	81.11	-9.47	17.16	543.11	678.36	5330.23	85.86	275.65	-116.99

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]
35146	81.87	-9.46	17.16	538.26	850.05	6444.29	7.83	83.19	215.59
35147	82.63	-9.44	17.16	964.82	1215.60	4008.05	-909.98	-2419.02	395.05
35148	83.38	-9.41	17.16	-42.26	1367.83	1191.99	-710.55	-854.46	784.12
35149	84.14	-9.38	17.16	-234.94	877.33	537.28	-619.84	-546.32	447.59
35150	84.89	-9.35	17.16	-428.03	553.61	212.72	-477.59	-246.73	215.82
35151	85.64	-9.31	17.16	-509.27	377.31	102.93	-427.49	-111.73	145.11
35152	78.84	-10.50	17.16	934.82	662.65	6825.00	55.40	385.53	52.34
35153	79.62	-10.49	17.16	898.21	739.66	7095.41	82.99	376.29	134.66
35154	80.40	-10.46	17.16	819.34	918.10	7691.92	93.61	220.04	337.59
35155	81.18	-10.42	17.16	1129.54	1890.86	6069.56	-548.26	-1559.13	1501.71
35156	81.95	-10.37	17.16	694.21	3170.97	4610.43	-464.78	-567.70	3285.57
35157	82.72	-10.31	17.16	682.05	2183.26	2625.35	-1056.82	-2039.39	2048.65
35158	83.49	-10.23	17.16	-73.36	942.39	692.25	-489.29	-695.37	517.97
35159	84.25	-10.15	17.16	-334.23	665.12	317.65	-423.79	-337.34	311.56
35160	85.01	-10.05	17.16	-438.05	436.75	164.01	-381.76	-182.46	196.94
35161	85.76	-9.94	17.16	-490.59	286.02	90.58	-356.98	-86.08	136.37
35162	78.85	-11.50	17.16	990.87	3319.05	4659.27	141.88	186.46	3649.62
35163	79.65	-11.48	17.16	968.44	3461.52	4848.94	42.71	50.54	3837.73
35164	80.45	-11.43	17.16	886.20	3697.22	5070.18	-196.07	-337.37	4155.64
35165	81.25	-11.37	17.16	867.01	2662.85	3099.87	-790.14	-1944.62	2686.90
35166	82.04	-11.29	17.16	84.18	1461.50	1006.79	-346.03	-732.49	1054.96
35167	82.82	-11.18	17.16	-94.44	1138.42	653.32	-436.79	-489.35	789.56
35168	83.60	-11.06	17.16	-155.97	723.30	429.49	-387.42	-463.17	489.08
35169	84.37	-10.92	17.16	-348.11	448.15	218.93	-303.37	-236.20	245.50
35170	85.13	-10.75	17.16	-435.51	301.27	129.88	-294.98	-122.49	162.92
35171	85.88	-10.57	17.16	-467.68	191.34	84.38	-296.16	-56.37	121.67
35172	78.86	-12.50	17.16	166.37	1455.88	877.57	39.88	43.58	1260.07
35173	79.68	-12.47	17.16	141.95	1488.70	884.15	-21.03	-57.45	1290.83
35174	80.50	-12.41	17.16	74.55	1400.37	751.53	-143.63	-286.59	1158.99
35175	81.31	-12.32	17.16	22.02	1152.74	679.33	-250.95	-331.98	953.20
35176	82.12	-12.20	17.16	-15.27	836.56	555.66	-256.25	-432.87	675.93
35177	82.92	-12.06	17.16	-199.95	578.51	343.67	-215.55	-276.49	406.83
35178	83.71	-11.88	17.16	-293.73	409.97	234.97	-231.68	-195.57	281.07
35179	84.49	-11.68	17.16	-359.23	267.77	163.71	-229.31	-138.44	187.83
35180	85.25	-11.46	17.16	-417.63	168.98	112.62	-232.04	-70.49	127.64
35181	86.00	-11.20	17.16	-439.42	97.25	82.30	-246.02	-22.93	102.28
35182	78.87	-13.50	17.16	-80.42	544.45	403.84	4.61	9.43	471.46
35183	79.71	-13.46	17.16	-95.64	539.30	394.30	-23.82	-37.80	458.70
35184	80.55	-13.38	17.16	-122.11	506.99	378.00	-62.23	-77.30	427.97
35185	81.38	-13.27	17.16	-155.99	436.58	331.28	-99.94	-123.82	366.10
35186	82.20	-13.12	17.16	-206.38	340.24	274.25	-125.89	-128.67	286.56
35187	83.01	-12.93	17.16	-260.29	247.03	224.00	-139.20	-120.58	209.32
35188	83.81	-12.71	17.16	-323.78	169.42	173.01	-152.73	-80.59	146.63
35189	84.60	-12.45	17.16	-365.55	107.37	133.47	-172.57	-45.43	109.99
35190	85.37	-12.16	17.16	-392.44	55.41	103.10	-190.37	-12.58	88.14
35191	86.12	-11.84	17.16	-404.20	12.58	80.68	-208.68	19.06	80.03
35192	78.88	-14.50	17.16	-231.00	120.42	201.67	-7.42	1.17	78.61
35193	79.74	-14.45	17.16	-235.48	117.51	198.12	-22.10	1.17	76.07
35194	80.59	-14.36	17.16	-247.79	108.60	188.65	-40.47	-0.46	70.85
35195	81.44	-14.22	17.16	-264.99	91.99	175.31	-61.63	0.29	63.76
35196	82.28	-14.04	17.16	-284.69	68.70	156.93	-82.75	2.57	54.91
35197	83.11	-13.81	17.16	-308.24	42.19	134.49	-102.74	12.42	46.32
35198	83.92	-13.54	17.16	-331.37	16.25	112.44	-122.83	27.42	41.92
35199	84.71	-13.22	17.16	-350.71	-8.69	92.46	-143.97	47.01	43.52
35200	85.49	-12.87	17.16	-360.96	-32.88	76.21	-165.25	65.88	51.29
35201	86.24	-12.47	17.16	-362.11	-57.08	63.83	-184.73	83.09	63.64
35202	89.84	-9.32	17.16	-255.19	-161.55	47.47	-238.89	106.63	154.91
35203	89.35	-9.94	17.16	-277.52	-152.85	48.78	-236.07	112.94	142.92
35204	88.82	-10.54	17.16	-298.56	-141.37	49.84	-232.02	117.69	128.92
35205	89.15	-9.28	17.16	-331.67	-90.71	34.93	-283.29	64.05	122.47
35206	88.80	-9.82	17.16	-343.00	-90.40	40.38	-270.43	69.68	116.47
35207	88.43	-10.34	17.16	-351.19	-88.71	45.96	-256.88	75.34	109.82
35208	88.47	-9.23	17.16	-397.22	-19.36	29.83	-321.32	37.34	109.03
35209	88.26	-9.70	17.16	-398.07	-27.43	36.52	-301.56	41.36	104.71
35210	88.03	-10.15	17.16	-396.83	-36.12	41.72	-281.89	43.97	100.76
35211	86.95	-12.04	17.16	-356.00	-80.70	56.10	-201.77	97.05	77.07
35212	86.79	-11.50	17.16	-401.63	-21.66	66.28	-224.96	41.84	80.09
35213	86.64	-10.96	17.16	-439.41	45.14	65.42	-257.11	6.74	91.73
35214	87.61	-11.58	17.16	-341.67	-103.17	51.72	-216.43	107.66	94.10
35215	87.38	-11.15	17.16	-388.17	-49.18	56.71	-237.97	58.15	88.19
35216	87.16	-10.73	17.16	-426.94	8.67	55.01	-264.62	25.18	91.87
35217	88.24	-11.08	17.16	-320.88	-125.12	49.18	-226.00	114.04	111.53
35218	87.95	-10.79	17.16	-367.04	-76.06	49.82	-247.10	70.55	98.96
35219	87.67	-10.49	17.16	-406.24	-23.38	48.44	-269.91	41.37	97.58
35220	86.70	-9.30	15.47	-92.39	-6.58	182.67	-249.92	-148.47	232.67
35221	87.44	-9.27	15.47	-126.82	-29.00	130.73	-227.48	-60.40	219.63
35222	88.18	-9.24	15.47	-143.20	-46.38	108.40	-205.69	2.99	221.53
35223	86.80	-9.90	15.47	-96.10	-11.25	196.82	-246.23	-126.44	243.55
35224	87.44	-9.82	15.47	-123.28	-32.10	155.50	-223.18	-53.93	227.69
35225	88.08	-9.72	15.47	-138.24	-48.02	133.65	-202.53	2.16	224.60
35226	86.88	-10.50	15.47	-106.23	-19.87	213.11	-235.87	-96.49	243.85
35227	87.43	-10.36	15.47	-125.05	-36.74	180.09	-215.65	-40.96	230.64
35228	87.98	-10.20	15.47	-137.92	-50.43	159.71	-197.18	6.76	225.13
35229	78.85	-9.53	15.47	148.65	-87.93	3069.84	87.37	338.02	-425.23
35230	79.64	-9.53	15.47	-21.12	-69.85	3237.84	143.59	243.23	-346.78
35231	80.44	-9.52	15.47	-119.46	-48.34	3361.96	118.80	107.39	-207.08
35232	81.23	-9.50	15.47	-211.06	-75.40	3323.29	126.41	-196.16	36.75
35233	82.02	-9.49	15.47	-398.87	-123.00	2769.45	41.21	-649.63	287.14
35234	82.81	-9.46	15.47	-371.87	-15.74	2304.63	91.52	-676.11	521.44
35235	83.60	-9.44	15.47	82.14	51.78	1682.45	-170.96	-956.98	501.19
35236	84.38	-9.41	15.47	72.56	67.40	931.87	-276.10	-702.52	421.28
35237	85.16	-9.37	15.47	33.61	52.86	516.82	-293.40	-467.97	328.01
35238	85.95	-9.33	15.47	-36.86	19.87	292.59	-272.34	-277.74	261.87
35239	78.86	-10.60	15.47	-2.92	-339.36	3607.97	89.08	210.28	502.25
35240	79.68	-10.59	15.47	-102.31	-284.27	3704.99	112.24	62.63	605.89
35241	80.50	-10.56	15.47	-289.22	-217.59	3502.80	106.82	-305.75	764.75
35242	81.31	-10.52	15.47	-342.53	-216.49	3260.54	217.03	-461.01	862.88
35243	82.12	-10.46	15.47	-231.79	-335.84	2637.18	-56.70	-941.58	718.27
35244	82.92	-10.39	15.47	-155.09	-110.07	1895.09	-234.91	-840.42	737.57

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]
35245	83.72	-10.31	15.47	133.28	137.60	1283.76	-376.70	-859.90	680.70
35246	84.52	-10.22	15.47	84.56	99.23	739.27	-344.42	-603.13	480.63
35247	85.30	-10.12	15.47	11.08	55.25	443.76	-309.33	-390.48	353.38
35248	86.08	-10.00	15.47	-51.56	16.43	280.98	-274.38	-233.41	278.03
35249	78.87	-11.67	15.47	-165.44	-257.67	3122.81	69.69	110.01	1376.79
35250	79.71	-11.65	15.47	-260.52	-232.22	3124.91	24.30	-101.08	1403.74
35251	80.55	-11.60	15.47	-397.24	-236.35	2834.35	-97.26	-462.96	1309.67
35252	81.39	-11.53	15.47	-280.52	72.81	2500.71	-194.13	-591.04	1335.74
35253	82.21	-11.44	15.47	32.16	398.94	2050.29	-370.25	-846.05	1296.39
35254	83.03	-11.33	15.47	30.61	306.34	1396.02	-430.59	-794.68	967.00
35255	83.84	-11.19	15.47	23.94	181.14	902.23	-407.00	-624.08	665.72
35256	84.65	-11.04	15.47	19.60	108.20	588.84	-360.18	-457.63	471.84
35257	85.44	-10.87	15.47	-28.73	47.55	392.70	-306.08	-301.87	347.79
35258	86.22	-10.68	15.47	-75.73	5.64	276.28	-264.32	-179.44	276.24
35259	78.88	-12.74	15.47	-207.47	678.13	1992.77	34.79	38.67	1627.22
35260	79.75	-12.71	15.47	-247.50	694.29	1972.21	-70.80	-139.01	1620.99
35261	80.61	-12.64	15.47	-249.46	686.73	1851.04	-211.82	-337.37	1536.20
35262	81.46	-12.55	15.47	-193.62	565.72	1539.76	-358.61	-525.98	1289.86
35263	82.30	-12.42	15.47	-136.49	409.08	1167.40	-394.95	-539.37	991.44
35264	83.14	-12.26	15.47	-71.74	297.78	884.66	-400.95	-498.99	758.47
35265	83.96	-12.08	15.47	-56.60	179.76	659.98	-372.66	-416.30	561.94
35266	84.77	-11.86	15.47	-64.49	87.99	487.02	-326.57	-311.47	413.38
35267	85.57	-11.62	15.47	-82.31	28.31	364.09	-281.30	-209.82	316.70
35268	86.35	-11.35	15.47	-107.12	-11.01	279.98	-242.82	-120.48	259.90
35269	78.89	-13.81	15.47	-339.28	542.24	1053.10	4.71	10.17	989.36
35270	79.78	-13.77	15.47	-344.42	537.87	1035.03	-84.29	-87.89	973.21
35271	80.66	-13.69	15.47	-332.04	493.29	976.68	-182.60	-186.78	909.53
35272	81.53	-13.56	15.47	-290.37	408.22	890.45	-263.08	-259.23	803.28
35273	82.39	-13.40	15.47	-232.98	299.36	777.03	-308.16	-297.31	667.24
35274	83.24	-13.20	15.47	-189.83	193.89	647.47	-312.32	-284.47	528.46
35275	84.08	-12.96	15.47	-158.48	109.68	530.54	-296.88	-243.05	413.31
35276	84.90	-12.69	15.47	-144.53	43.47	431.64	-268.81	-185.59	324.75
35277	85.70	-12.37	15.47	-142.61	-2.29	350.94	-237.50	-121.31	263.64
35278	86.48	-12.03	15.47	-146.70	-30.97	288.01	-209.45	-58.81	228.13
35279	78.90	-14.88	15.47	-440.85	214.60	709.65	-8.30	3.47	471.41
35280	79.80	-14.83	15.47	-439.62	206.82	698.38	-62.65	-41.71	462.20
35281	80.70	-14.73	15.47	-425.31	183.98	672.72	-116.29	-84.60	437.13
35282	81.59	-14.58	15.47	-395.59	146.06	631.73	-162.52	-119.92	395.85
35283	82.47	-14.39	15.47	-353.66	99.02	578.29	-193.04	-139.10	343.24
35284	83.34	-14.14	15.47	-307.66	52.39	516.90	-205.06	-138.78	287.95
35285	84.18	-13.85	15.47	-267.67	13.00	451.93	-202.06	-118.48	238.95
35286	85.01	-13.51	15.47	-236.15	-16.62	389.93	-191.06	-84.14	202.77
35287	85.82	-13.13	15.47	-214.08	-37.06	334.76	-176.51	-42.03	181.09
35288	86.61	-12.70	15.47	-199.71	-49.24	287.85	-162.37	2.39	173.64
35289	90.32	-9.34	15.47	-144.98	-62.26	152.10	-137.61	144.85	287.88
35290	89.82	-10.00	15.47	-155.32	-61.75	167.41	-137.41	139.29	263.76
35291	89.28	-10.64	15.47	-165.81	-60.55	184.03	-137.25	129.11	238.53
35292	89.61	-9.29	15.47	-143.75	-65.98	124.22	-160.15	100.58	256.99
35293	89.25	-9.87	15.47	-147.54	-64.93	146.45	-159.67	94.92	245.74
35294	88.87	-10.43	15.47	-152.46	-63.00	169.16	-158.81	87.49	233.42
35295	88.90	-9.25	15.47	-146.56	-59.09	108.91	-183.10	55.85	235.13
35296	88.68	-9.74	15.47	-144.52	-59.09	133.08	-181.49	51.60	231.64
35297	88.46	-10.22	15.47	-144.62	-58.85	156.02	-179.47	45.78	227.51
35298	87.34	-12.24	15.47	-190.16	-56.22	251.13	-150.91	43.44	177.04
35299	87.18	-11.67	15.47	-151.43	-47.80	244.14	-188.01	-7.17	211.99
35300	87.01	-11.09	15.47	-124.80	-34.30	230.05	-215.98	-55.03	232.00
35301	88.03	-11.75	15.47	-182.29	-59.10	222.86	-143.70	78.60	191.81
35302	87.79	-11.30	15.47	-154.66	-56.27	213.32	-174.14	32.76	212.06
35303	87.55	-10.85	15.47	-135.98	-47.26	199.69	-198.67	-10.67	223.50
35304	88.69	-11.22	15.47	-174.70	-60.50	200.72	-138.86	107.11	212.41
35305	88.38	-10.90	15.47	-155.62	-61.56	189.40	-163.50	65.96	219.63
35306	88.08	-10.59	15.47	-143.54	-55.18	177.50	-184.83	27.65	224.63
35307	87.04	-9.32	13.78	-15.46	-106.73	285.89	-113.79	-127.94	226.07
35308	87.81	-9.29	13.78	-29.69	-87.62	225.87	-106.56	-50.82	230.41
35309	88.57	-9.26	13.78	-44.31	-68.52	198.90	-98.35	10.10	241.93
35310	87.15	-9.96	13.78	-16.72	-85.90	326.67	-130.44	-122.62	254.50
35311	87.82	-9.87	13.78	-30.08	-73.64	275.22	-117.68	-56.40	248.07
35312	88.48	-9.77	13.78	-43.46	-59.80	246.75	-105.84	-1.74	249.72
35313	87.25	-10.60	13.78	-26.72	-65.73	368.71	-139.24	-108.97	269.14
35314	87.82	-10.44	13.78	-36.59	-59.51	324.67	-124.67	-56.28	258.55
35315	88.38	-10.27	13.78	-47.65	-50.70	295.77	-111.25	-9.25	253.78
35316	78.86	-9.57	13.78	-239.02	-410.22	2099.31	49.01	161.57	-43.40
35317	79.69	-9.56	13.78	-265.14	-404.96	2120.67	56.13	57.65	-1.56
35318	80.52	-9.55	13.78	-309.17	-395.91	2072.90	72.47	-86.50	64.50
35319	81.34	-9.54	13.78	-329.39	-363.89	1911.22	51.77	-250.10	129.41
35320	82.17	-9.52	13.78	-243.50	-303.35	1694.92	29.39	-351.38	184.78
35321	82.99	-9.49	13.78	-170.76	-283.99	1390.60	-53.16	-435.10	198.42
35322	83.81	-9.46	13.78	-170.76	-243.85	1090.84	-60.72	-416.06	220.46
35323	84.63	-9.43	13.78	-65.76	-188.26	827.55	-88.63	-407.56	235.45
35324	85.44	-9.39	13.78	-21.32	-153.24	576.86	-109.96	-324.04	234.79
35325	86.25	-9.35	13.78	-8.24	-127.27	397.41	-116.85	-222.25	226.85
35326	78.88	-10.71	13.78	-286.32	-374.28	2287.27	52.61	109.78	456.69
35327	79.74	-10.69	13.78	-321.30	-359.75	2256.90	39.63	-46.56	486.75
35328	80.59	-10.66	13.78	-305.26	-326.31	2161.60	11.57	-182.56	508.17
35329	81.44	-10.61	13.78	-287.91	-274.79	1949.67	-77.74	-347.15	495.42
35330	82.28	-10.55	13.78	-237.06	-185.30	1683.87	-84.87	-419.50	485.18
35331	83.12	-10.48	13.78	-144.00	-160.09	1388.39	-99.77	-482.86	448.66
35332	83.95	-10.39	13.78	-116.74	-167.41	1076.22	-128.10	-458.44	401.83
35333	84.78	-10.30	13.78	-37.53	-133.17	804.30	-155.06	-409.63	355.09
35334	85.60	-10.19	13.78	-7.83	-113.13	577.68	-154.97	-311.60	306.09
35335	86.41	-10.06	13.78	-6.64	-98.74	420.97	-143.65	-208.39	270.96
35336	78.89	-11.85	13.78	-324.79	-149.28	2102.77	34.56	57.17	821.71
35337	79.78	-11.82	13.78	-336.71	-130.99	2053.85	-13.96	-102.24	820.83
35338	80.65	-11.76	13.78	-294.52	-88.96	1942.78	-55.61	-226.77	808.01
35339	81.52	-11.69	13.78	-274.48	-111.08	1754.77	-103.14	-350.79	748.13
35340	82.39	-11.59	13.78	-259.62	-156.03	1504.40	-146.78	-425.52	654.75
35341	83.24	-11.47	13.78	-152.09	-114.16	1244.05	-179.77	-460.96	579.00
35342	84.09	-11.33	13.78	-77.18	-80.82	980.25	-200.95	-433.03	497.43
35343	84.92	-11.17	13.78	-38.34	-75.96	750.92	-197.68	-361.58	411.60

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]
35344	85.75	-10.98	13.78	-19.16	-74.05	573.64	-181.20	-272.08	341.55
35345	86.56	-10.78	13.78	-19.04	-71.15	446.34	-158.61	-180.89	293.22
35346	78.90	-12.99	13.78	-359.94	0.09	1722.14	15.78	26.31	947.12
35347	79.81	-12.95	13.78	-359.23	2.04	1688.14	-47.72	-102.06	930.68
35348	80.71	-12.88	13.78	-338.30	-2.97	1589.15	-108.64	-220.16	878.49
35349	81.60	-12.77	13.78	-290.34	15.88	1453.23	-154.50	-305.73	816.83
35350	82.49	-12.64	13.78	-219.06	30.17	1282.44	-205.92	-370.44	733.84
35351	83.36	-12.47	13.78	-156.66	9.62	1077.69	-228.75	-384.25	618.49
35352	84.22	-12.27	13.78	-102.39	-11.71	881.21	-227.30	-351.33	505.43
35353	85.06	-12.04	13.78	-65.94	-28.86	715.17	-211.25	-291.82	412.29
35354	85.89	-11.78	13.78	-48.26	-41.39	582.48	-186.53	-220.10	341.61
35355	86.70	-11.50	13.78	-43.65	-46.51	481.04	-160.03	-146.36	293.58
35356	78.92	-14.13	13.78	-375.15	185.54	1381.00	1.73	11.41	845.54
35357	79.84	-14.08	13.78	-370.79	180.28	1361.27	-61.97	-81.50	831.05
35358	80.76	-13.99	13.78	-346.83	163.28	1304.39	-121.62	-166.97	786.53
35359	81.68	-13.86	13.78	-306.11	133.11	1208.44	-171.77	-235.18	712.11
35360	82.58	-13.69	13.78	-254.73	96.66	1088.15	-202.94	-271.86	620.76
35361	83.47	-13.47	13.78	-198.30	60.42	961.91	-216.72	-279.87	527.07
35362	84.34	-13.21	13.78	-150.00	25.64	836.57	-212.03	-260.69	438.32
35363	85.19	-12.92	13.78	-113.55	-1.29	720.39	-195.04	-220.17	363.27
35364	86.03	-12.59	13.78	-89.90	-18.80	619.05	-172.03	-167.58	306.66
35365	86.84	-12.22	13.78	-77.73	-27.52	534.02	-147.88	-110.47	268.77
35366	78.92	-15.27	13.78	-405.31	152.31	1287.48	-7.43	7.29	542.81
35367	79.87	-15.22	13.78	-400.45	146.01	1272.41	-54.97	-54.35	533.22
35368	80.81	-15.11	13.78	-380.83	129.26	1233.90	-99.33	-111.52	506.15
35369	81.74	-14.95	13.78	-346.76	104.22	1173.65	-135.38	-157.66	464.15
35370	82.66	-14.74	13.78	-302.21	74.57	1094.33	-159.28	-187.53	411.86
35371	83.57	-14.48	13.78	-253.79	44.79	1001.28	-169.32	-197.07	356.23
35372	84.45	-14.16	13.78	-207.19	19.01	902.15	-167.25	-187.06	304.55
35373	85.32	-13.80	13.78	-167.82	-0.57	803.17	-156.04	-160.57	261.74
35374	86.16	-13.39	13.78	-137.94	-12.72	709.19	-139.89	-122.29	231.06
35375	86.97	-12.94	13.78	-117.43	-17.86	623.62	-122.61	-77.64	213.61
35376	90.81	-9.36	13.78	-87.07	8.95	279.46	-78.56	117.93	298.53
35377	90.30	-10.07	13.78	-89.60	4.25	325.30	-79.31	99.78	274.23
35378	89.74	-10.74	13.78	-92.66	-0.58	376.25	-81.21	77.35	250.48
35379	90.07	-9.31	13.78	-71.53	-21.11	229.44	-84.09	92.95	278.61
35380	89.70	-9.92	13.78	-72.24	-20.46	277.90	-88.12	73.82	267.20
35381	89.31	-10.52	13.78	-74.93	-19.70	329.26	-92.13	53.16	255.19
35382	89.32	-9.26	13.78	-58.19	-46.24	202.22	-90.58	58.49	259.51
35383	89.11	-9.79	13.78	-57.44	-41.99	249.18	-96.21	42.24	257.66
35384	88.88	-10.30	13.78	-59.15	-37.49	296.51	-101.17	24.87	254.73
35385	87.74	-12.45	13.78	-105.47	-17.90	549.01	-106.84	-32.85	207.74
35386	87.56	-11.83	13.78	-73.49	-29.92	468.35	-127.12	-58.88	247.78
35387	87.38	-11.22	13.78	-46.46	-46.81	413.97	-138.28	-85.91	266.62
35388	88.45	-11.92	13.78	-98.57	-14.03	484.25	-94.86	8.68	214.28
35389	88.19	-11.44	13.78	-73.15	-28.11	417.29	-111.76	-15.49	242.14
35390	87.94	-10.96	13.78	-51.58	-44.28	370.14	-122.62	-41.07	255.82
35391	89.13	-11.36	13.78	-95.11	-7.73	427.93	-85.94	45.54	228.43
35392	88.81	-11.02	13.78	-75.03	-23.20	374.30	-99.40	22.84	244.53
35393	88.49	-10.69	13.78	-57.96	-38.74	335.96	-109.58	-0.73	253.72
35394	87.38	-9.34	12.09	-18.10	-110.57	313.33	-38.60	-48.43	180.34
35395	88.18	-9.31	12.09	-18.36	-80.60	271.92	-38.63	1.11	196.56
35396	88.97	-9.27	12.09	-23.84	-51.64	254.82	-38.82	41.96	215.07
35397	87.50	-10.01	12.09	-16.30	-83.00	386.13	-58.76	-61.22	213.00
35398	88.19	-9.91	12.09	-17.79	-61.55	345.52	-53.78	-16.57	216.59
35399	88.88	-9.81	12.09	-23.11	-39.83	322.48	-49.41	21.58	224.38
35400	87.61	-10.69	12.09	-20.19	-54.61	460.89	-73.63	-67.28	233.83
35401	88.20	-10.52	12.09	-21.27	-42.10	420.69	-65.71	-29.87	230.33
35402	88.79	-10.35	12.09	-25.51	-27.60	392.20	-58.72	4.37	230.66
35403	78.88	-9.60	12.09	-262.22	-369.52	1374.94	33.01	117.78	-4.29
35404	79.74	-9.60	12.09	-273.96	-359.51	1374.86	33.87	30.94	19.56
35405	80.60	-9.58	12.09	-268.71	-341.65	1324.73	24.74	-54.73	44.91
35406	81.46	-9.57	12.09	-243.15	-318.89	1235.51	15.69	-126.18	70.09
35407	82.32	-9.55	12.09	-219.16	-297.26	1105.13	-0.55	-187.83	90.80
35408	83.17	-9.52	12.09	-175.18	-262.01	950.75	-3.45	-221.86	114.32
35409	84.02	-9.49	12.09	-113.01	-231.63	783.28	-20.83	-228.10	130.83
35410	84.87	-9.46	12.09	-82.22	-205.20	624.34	-29.62	-197.99	141.48
35411	85.72	-9.42	12.09	-48.22	-173.01	492.58	-34.91	-157.11	152.43
35412	86.56	-9.37	12.09	-27.28	-141.24	386.17	-37.62	-103.50	164.71
35413	78.90	-10.81	12.09	-284.34	-306.25	1549.76	27.95	78.78	290.65
35414	79.79	-10.79	12.09	-284.23	-294.10	1535.01	11.83	-15.54	301.09
35415	80.68	-10.75	12.09	-278.17	-277.61	1463.98	-8.03	-110.03	303.54
35416	81.57	-10.70	12.09	-247.37	-257.16	1349.47	-16.61	-183.79	304.27
35417	82.45	-10.64	12.09	-205.00	-241.90	1198.90	-41.70	-238.87	295.51
35418	83.32	-10.56	12.09	-162.18	-215.21	1026.54	-61.66	-261.54	276.55
35419	84.18	-10.47	12.09	-104.54	-180.72	854.79	-68.79	-255.23	255.23
35420	85.04	-10.37	12.09	-69.87	-156.14	696.27	-70.26	-220.49	237.03
35421	85.89	-10.25	12.09	-39.44	-130.50	562.95	-69.36	-172.87	222.85
35422	86.73	-10.12	12.09	-22.27	-105.78	456.62	-64.43	-115.13	213.59
35423	78.91	-12.02	12.09	-298.86	-183.45	1548.08	19.33	48.36	520.44
35424	79.84	-11.99	12.09	-294.99	-175.22	1527.98	-9.92	-45.17	521.70
35425	80.75	-11.93	12.09	-283.44	-169.48	1457.62	-41.88	-135.25	505.42
35426	81.66	-11.85	12.09	-246.92	-150.64	1343.74	-71.40	-207.28	475.40
35427	82.56	-11.74	12.09	-192.72	-125.07	1202.19	-90.98	-250.19	437.12
35428	83.45	-11.62	12.09	-151.88	-118.31	1046.19	-103.36	-263.89	389.93
35429	84.33	-11.47	12.09	-106.43	-110.59	891.66	-106.51	-253.65	342.34
35430	85.20	-11.29	12.09	-66.80	-97.32	748.36	-104.22	-220.22	301.05
35431	86.05	-11.10	12.09	-40.04	-83.56	625.29	-96.02	-171.43	267.91
35432	86.89	-10.88	12.09	-25.35	-68.63	526.65	-84.41	-115.73	244.56
35433	78.93	-13.23	12.09	-303.55	-19.44	1463.94	8.64	26.91	620.15
35434	79.88	-13.19	12.09	-299.24	-16.56	1443.43	-30.75	-57.71	613.99
35435	80.82	-13.11	12.09	-277.79	-14.93	1385.93	-66.77	-132.81	589.52
35436	81.75	-13.00	12.09	-244.87	-23.26	1294.29	-98.94	-193.04	545.08
35437	82.67	-12.85	12.09	-204.53	-34.26	1178.50	-118.26	-229.38	488.64
35438	83.58	-12.67	12.09	-156.36	-37.03	1053.26	-129.41	-241.95	431.67
35439	84.47	-12.46	12.09	-111.68	-38.92	925.94	-131.10	-231.98	376.14
35440	85.35	-12.22	12.09	-75.76	-40.09	805.00	-123.90	-202.19	325.80
35441	86.21	-11.95	12.09	-50.37	-38.50	697.74	-111.11	-159.21	285.33
35442	87.05	-11.64	12.09	-35.75	-33.29	607.24	-95.70	-110.06	256.85

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]
35443	78.94	-14.44	12.09	-305.50	85.88	1425.68	-0.26	14.26	586.99
35444	79.91	-14.39	12.09	-300.70	83.35	1409.36	-40.49	-54.26	578.62
35445	80.87	-14.30	12.09	-281.61	74.71	1364.60	-77.02	-115.67	552.71
35446	81.83	-14.15	12.09	-249.92	63.08	1296.78	-106.09	-163.76	513.99
35447	82.77	-13.97	12.09	-209.71	48.48	1210.06	-126.80	-195.91	465.65
35448	83.69	-13.74	12.09	-167.46	31.39	1109.31	-136.32	-208.18	411.61
35449	84.60	-13.47	12.09	-127.08	16.02	1003.30	-135.71	-201.04	358.94
35450	85.49	-13.15	12.09	-93.03	4.16	898.96	-127.04	-178.06	312.76
35451	86.36	-12.80	12.09	-67.71	-3.11	800.83	-113.22	-143.62	276.12
35452	87.20	-12.41	12.09	-51.43	-5.34	711.62	-97.44	-102.69	250.51
35453	78.95	-15.66	12.09	-299.13	120.12	1561.25	-5.68	8.55	483.69
35454	79.94	-15.60	12.09	-294.99	115.78	1546.84	-40.17	-46.43	476.72
35455	80.92	-15.48	12.09	-278.87	105.05	1508.46	-71.44	-96.57	457.03
35456	81.89	-15.31	12.09	-252.55	89.23	1447.51	-96.70	-137.52	426.58
35457	82.85	-15.09	12.09	-218.96	70.58	1367.59	-113.75	-165.35	389.03
35458	83.80	-14.81	12.09	-181.86	51.60	1273.61	-121.91	-178.29	348.67
35459	84.72	-14.48	12.09	-145.66	34.39	1170.52	-121.52	-175.97	309.44
35460	85.62	-14.09	12.09	-113.70	21.03	1063.45	-114.30	-159.90	275.16
35461	86.50	-13.66	12.09	-88.22	12.57	956.89	-102.66	-133.07	248.56
35462	87.34	-13.18	12.09	-69.91	9.16	854.23	-89.23	-99.13	231.05
35463	91.29	-9.38	12.09	-54.86	39.85	351.09	-47.42	90.44	278.38
35464	90.77	-10.13	12.09	-53.14	34.18	426.09	-48.85	66.27	260.24
35465	90.20	-10.84	12.09	-52.21	28.33	506.84	-51.66	39.44	243.99
35466	90.52	-9.33	12.09	-42.80	9.24	299.56	-43.53	87.70	256.88
35467	90.15	-9.98	12.09	-41.07	9.65	371.58	-48.83	61.80	248.67
35468	89.75	-10.61	12.09	-41.25	9.84	447.39	-54.30	35.24	240.84
35469	89.75	-9.28	12.09	-32.55	-21.06	265.37	-40.51	72.01	236.20
35470	89.53	-9.83	12.09	-31.10	-15.64	332.00	-48.17	48.66	236.13
35471	89.30	-10.37	12.09	-31.79	-10.30	400.20	-55.21	24.96	235.52
35472	88.13	-12.66	12.09	-59.28	10.03	758.47	-76.19	-62.71	222.12
35473	87.95	-12.00	12.09	-43.36	-3.85	636.10	-82.74	-63.05	235.79
35474	87.76	-11.35	12.09	-30.01	-26.76	541.29	-82.21	-66.61	240.65
35475	88.87	-12.10	12.09	-53.70	14.01	669.72	-65.47	-26.56	222.82
35476	88.60	-11.58	12.09	-40.28	-0.31	571.77	-71.02	-27.62	231.66
35477	88.34	-11.08	12.09	-29.21	-20.45	493.88	-71.75	-32.31	234.62
35478	89.57	-11.50	12.09	-52.01	20.63	587.33	-56.95	7.44	230.19
35479	89.23	-11.14	12.09	-40.66	5.77	513.39	-61.24	5.11	233.71
35480	88.90	-10.79	12.09	-31.24	-12.64	453.67	-62.80	-0.47	234.75
35481	87.72	-9.35	10.41	-29.12	-86.72	301.56	-4.03	27.78	132.03
35482	88.54	-9.32	10.41	-26.50	-58.85	278.71	-6.92	56.74	153.89
35483	89.37	-9.29	10.41	-27.95	-32.22	271.20	-11.03	78.96	176.65
35484	87.85	-10.06	10.41	-26.30	-60.65	398.05	-22.49	3.65	163.58
35485	88.57	-9.96	10.41	-24.51	-40.65	369.48	-21.50	30.75	174.14
35486	89.28	-9.86	10.41	-26.09	-20.79	352.03	-21.40	53.16	187.25
35487	87.97	-10.78	10.41	-26.43	-34.14	497.24	-37.59	-16.08	187.65
35488	88.58	-10.60	10.41	-24.90	-22.55	462.39	-33.78	7.80	190.63
35489	89.19	-10.42	10.41	-25.99	-9.28	434.79	-31.15	29.43	196.38
35490	78.90	-9.64	10.41	-211.18	-298.50	920.39	18.08	92.47	-38.00
35491	79.79	-9.63	10.41	-215.43	-291.73	920.80	17.74	42.24	-23.80
35492	80.69	-9.62	10.41	-208.72	-280.64	892.24	16.88	-5.74	-7.90
35493	81.58	-9.60	10.41	-193.19	-265.75	835.67	13.74	-47.61	8.71
35494	82.47	-9.58	10.41	-165.76	-245.83	758.20	11.15	-75.66	26.03
35495	83.35	-9.55	10.41	-135.13	-224.73	668.02	5.24	-87.92	41.56
35496	84.24	-9.52	10.41	-106.36	-199.33	574.44	3.06	-84.72	57.12
35497	85.12	-9.48	10.41	-75.03	-171.18	484.83	0.55	-68.19	73.88
35498	86.00	-9.44	10.41	-53.27	-143.31	405.89	-1.06	-39.26	91.46
35499	86.87	-9.39	10.41	-37.88	-114.67	343.80	-2.25	-5.55	110.40
35500	78.92	-10.92	10.41	-223.22	-235.72	1115.21	14.77	66.08	161.40
35501	79.85	-10.89	10.41	-225.94	-229.23	1106.22	5.42	7.89	169.15
35502	80.78	-10.85	10.41	-213.86	-218.23	1064.92	-3.90	-44.79	173.20
35503	81.70	-10.80	10.41	-193.04	-203.82	995.51	-15.50	-87.49	171.88
35504	82.61	-10.73	10.41	-164.06	-185.08	905.33	-22.29	-115.17	167.11
35505	83.51	-10.65	10.41	-129.52	-165.98	804.11	-26.76	-125.06	162.04
35506	84.41	-10.55	10.41	-98.84	-147.28	700.30	-30.03	-118.35	156.70
35507	85.30	-10.44	10.41	-69.18	-125.83	602.38	-30.16	-97.56	152.34
35508	86.18	-10.32	10.41	-47.97	-104.07	516.31	-27.99	-65.93	151.43
35509	87.05	-10.18	10.41	-33.76	-81.63	446.15	-24.87	-29.74	154.96
35510	78.93	-12.20	10.41	-229.11	-132.70	1221.29	8.94	43.12	316.81
35511	79.90	-12.16	10.41	-229.27	-128.54	1208.54	-9.45	-15.84	318.08
35512	80.86	-12.10	10.41	-214.75	-121.56	1164.58	-26.49	-68.38	310.26
35513	81.80	-12.01	10.41	-191.29	-115.05	1095.29	-40.45	-108.63	295.17
35514	82.74	-11.90	10.41	-162.31	-108.90	1007.03	-51.61	-134.73	274.35
35515	83.66	-11.76	10.41	-127.07	-98.18	908.02	-57.72	-143.53	251.21
35516	84.58	-11.60	10.41	-94.85	-86.61	806.77	-59.14	-135.15	228.87
35517	85.48	-11.42	10.41	-67.53	-74.84	710.60	-56.09	-113.76	209.73
35518	86.36	-11.21	10.41	-46.65	-61.73	624.02	-50.50	-83.07	195.86
35519	87.23	-10.98	10.41	-33.20	-47.33	549.87	-43.59	-47.44	188.23
35520	78.95	-13.48	10.41	-228.97	-23.00	1293.40	2.62	25.49	401.94
35521	79.94	-13.43	10.41	-226.83	-21.91	1280.85	-21.20	-28.53	399.56
35522	80.92	-13.35	10.41	-213.13	-22.72	1241.56	-43.39	-77.03	385.46
35523	81.90	-13.23	10.41	-189.15	-23.06	1179.83	-60.92	-114.62	362.60
35524	82.85	-13.07	10.41	-158.43	-23.45	1101.46	-73.37	-138.16	333.91
35525	83.80	-12.88	10.41	-126.63	-25.51	1012.35	-79.09	-146.33	302.04
35526	84.73	-12.66	10.41	-96.05	-26.46	919.31	-78.93	-139.85	271.21
35527	85.64	-12.40	10.41	-69.54	-25.19	827.79	-74.20	-121.30	244.60
35528	86.53	-12.11	10.41	-49.32	-21.59	741.59	-66.31	-93.97	224.06
35529	87.40	-11.79	10.41	-36.07	-15.32	663.18	-57.07	-61.62	210.79
35530	78.96	-14.76	10.41	-221.65	65.52	1404.71	-2.51	13.55	423.09
35531	79.98	-14.70	10.41	-219.02	64.07	1392.95	-28.10	-34.17	419.18
35532	80.98	-14.60	10.41	-205.89	58.82	1358.91	-51.25	-76.96	404.59
35533	81.98	-14.45	10.41	-184.47	49.98	1304.75	-69.91	-111.09	380.94
35534	82.96	-14.25	10.41	-157.53	39.39	1234.42	-82.21	-133.42	351.43
35535	83.92	-14.01	10.41	-127.93	29.27	1152.84	-88.10	-142.97	319.86
35536	84.86	-13.72	10.41	-99.34	20.40	1064.30	-87.91	-140.01	289.12
35537	85.79	-13.39	10.41	-74.41	13.77	972.94	-82.78	-125.97	261.81
35538	86.69	-13.01	10.41	-54.82	10.19	882.25	-74.36	-103.43	240.04
35539	87.56	-12.60	10.41	-41.41	9.92	794.63	-64.52	-75.43	224.95
35540	78.97	-16.04	10.41	-208.14	102.63	1610.34	-5.08	5.86	424.73
35541	80.00	-15.98	10.41	-205.90	99.75	1598.65	-29.02	-37.24	420.22



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]
35542	81.03	-15.86	10.41	-194.99	92.42	1565.46	-50.72	-76.43	406.64
35543	82.04	-15.68	10.41	-176.80	81.78	1512.48	-68.26	-108.58	385.62
35544	83.04	-15.44	10.41	-153.54	69.12	1442.18	-80.42	-131.42	359.30
35545	84.03	-15.14	10.41	-127.93	55.98	1357.72	-86.58	-143.40	330.24
35546	84.99	-14.79	10.41	-102.56	44.07	1262.87	-87.02	-144.25	301.29
35547	85.92	-14.38	10.41	-79.81	34.60	1161.33	-82.75	-134.83	274.98
35548	86.83	-13.92	10.41	-61.30	28.36	1056.47	-75.22	-116.85	253.21
35549	87.71	-13.41	10.41	-47.66	25.58	950.98	-66.16	-92.66	237.30
35550	91.78	-9.40	10.41	-43.14	46.80	357.13	-35.08	74.64	249.21
35551	91.24	-10.19	10.41	-39.55	42.84	453.12	-36.43	48.32	238.67
35552	90.66	-10.95	10.41	-36.87	38.72	553.35	-38.99	21.02	230.68
35553	90.98	-9.35	10.41	-37.35	21.35	315.97	-25.56	88.91	225.17
35554	90.60	-10.03	10.41	-34.06	22.38	404.17	-30.53	60.32	221.53
35555	90.19	-10.69	10.41	-32.46	23.05	495.35	-35.71	31.88	219.05
35556	90.18	-9.29	10.41	-32.03	-4.87	284.62	-17.45	90.71	201.29
35557	89.96	-9.88	10.41	-29.41	0.64	364.15	-24.84	63.75	203.79
35558	89.72	-10.45	10.41	-28.61	5.81	445.23	-31.69	37.07	206.61
35559	88.53	-12.86	10.41	-39.91	26.05	847.94	-57.12	-65.23	227.11
35560	88.33	-12.17	10.41	-34.37	12.13	715.36	-55.14	-47.06	216.23
35561	88.13	-11.48	10.41	-29.71	-8.56	601.06	-49.11	-32.23	204.29
35562	89.29	-12.27	10.41	-36.11	28.52	748.23	-49.43	-36.33	223.56
35563	89.01	-11.73	10.41	-31.33	15.20	643.55	-47.44	-20.48	213.94
35564	88.73	-11.19	10.41	-27.46	-2.66	552.33	-42.80	-8.39	203.39
35565	90.01	-11.64	10.41	-35.58	33.22	651.40	-43.16	-7.90	225.04
35566	89.66	-11.26	10.41	-31.33	20.16	574.87	-41.01	4.88	215.90
35567	89.31	-10.89	10.41	-27.73	3.87	507.78	-37.50	14.15	206.39
35568	88.06	-9.37	8.72	-42.70	-64.56	273.44	9.10	85.42	90.33
35569	88.91	-9.34	8.72	-40.68	-42.53	260.04	4.47	101.10	115.00
35570	89.76	-9.30	8.72	-40.86	-21.82	255.16	-1.76	110.18	140.03
35571	88.20	-10.12	8.72	-39.03	-42.58	382.47	-6.66	54.43	120.92
35572	88.95	-10.01	8.72	-37.28	-26.95	359.53	-8.22	69.92	135.76
35573	89.68	-9.90	8.72	-37.64	-11.62	342.59	-10.82	81.18	152.18
35574	88.33	-10.87	8.72	-36.79	-20.59	493.79	-20.34	26.11	147.93
35575	88.97	-10.69	8.72	-35.29	-11.76	460.62	-19.36	40.83	155.02
35576	89.59	-10.49	8.72	-35.35	-1.53	431.17	-19.74	53.48	164.20
35577	78.92	-9.67	8.72	-153.33	-230.65	633.02	7.14	76.84	-84.23
35578	79.84	-9.66	8.72	-157.40	-225.86	635.68	10.16	52.26	-73.04
35579	80.77	-9.65	8.72	-153.71	-217.40	619.56	11.94	29.08	-60.37
35580	81.70	-9.63	8.72	-142.63	-205.38	587.30	13.17	11.21	-46.44
35581	82.62	-9.61	8.72	-127.07	-190.57	542.54	13.58	0.76	-31.55
35582	83.54	-9.58	8.72	-108.36	-172.79	489.96	14.39	-0.81	-15.16
35583	84.45	-9.54	8.72	-88.78	-153.24	434.84	14.39	6.90	2.68
35584	85.36	-9.50	8.72	-72.15	-132.16	382.26	14.31	22.28	21.96
35585	86.27	-9.46	8.72	-58.06	-109.60	336.08	13.60	42.49	43.03
35586	87.18	-9.41	8.72	-48.47	-86.67	298.67	12.01	64.95	65.73
35587	78.94	-11.02	8.72	-163.23	-172.41	849.20	4.66	55.17	62.27
35588	79.91	-10.99	8.72	-165.16	-168.10	845.09	1.11	24.64	68.81
35589	80.87	-10.95	8.72	-159.12	-160.92	820.08	-2.95	-3.07	73.18
35590	81.83	-10.89	8.72	-145.51	-151.15	777.18	-6.07	-24.16	76.09
35591	82.77	-10.82	8.72	-126.96	-139.47	721.13	-8.80	-35.87	78.18
35592	83.71	-10.73	8.72	-106.50	-125.72	657.13	-10.27	-37.53	79.96
35593	84.64	-10.63	8.72	-85.64	-110.12	590.73	-10.18	-29.17	82.90
35594	85.56	-10.52	8.72	-67.91	-93.74	526.62	-9.28	-12.68	88.06
35595	86.48	-10.39	8.72	-53.73	-76.50	468.41	-7.94	9.15	95.90
35596	87.38	-10.24	8.72	-44.34	-58.86	418.31	-6.72	33.41	106.87
35597	78.96	-12.37	8.72	-167.41	-94.64	1017.09	0.95	36.29	182.56
35598	79.96	-12.33	8.72	-167.89	-91.99	1009.61	-8.55	3.09	185.02
35599	80.96	-12.26	8.72	-160.12	-88.25	981.37	-17.57	-26.36	182.52
35600	81.94	-12.17	8.72	-145.14	-83.10	935.25	-25.12	-48.78	175.90
35601	82.91	-12.05	8.72	-125.23	-76.57	875.82	-30.02	-61.31	166.86
35602	83.87	-11.90	8.72	-104.02	-69.63	808.17	-32.31	-63.44	157.23
35603	84.82	-11.74	8.72	-83.13	-61.58	737.08	-32.07	-55.87	148.66
35604	85.75	-11.54	8.72	-65.04	-52.33	666.69	-29.97	-40.05	142.67
35605	86.67	-11.33	8.72	-51.10	-42.05	600.24	-26.65	-18.67	140.37
35606	87.57	-11.08	8.72	-41.85	-30.72	539.65	-23.06	5.46	142.25
35607	78.97	-13.72	8.72	-165.52	-13.71	1170.23	-2.73	21.00	265.63
35608	80.01	-13.67	8.72	-165.26	-13.16	1161.65	-16.58	-12.22	265.29
35609	81.03	-13.58	8.72	-156.75	-13.27	1133.51	-29.14	-41.58	258.47
35610	82.04	-13.45	8.72	-141.81	-14.19	1088.39	-39.27	-64.02	246.41
35611	83.04	-13.29	8.72	-122.73	-15.34	1029.81	-45.95	-77.56	231.03
35612	84.02	-13.09	8.72	-101.64	-15.67	961.90	-49.09	-81.35	214.60
35613	84.98	-12.85	8.72	-81.32	-15.08	888.62	-48.84	-75.81	199.12
35614	85.92	-12.58	8.72	-63.71	-13.28	813.47	-45.92	-62.41	186.30
35615	86.85	-12.27	8.72	-50.01	-9.91	739.15	-41.38	-43.33	177.40
35616	87.75	-11.93	8.72	-40.78	-4.78	667.37	-36.35	-21.00	173.24
35617	78.98	-15.07	8.72	-158.06	50.14	1344.98	-5.22	9.10	321.38
35618	80.04	-15.01	8.72	-157.44	49.05	1336.18	-21.18	-23.08	319.50
35619	81.09	-14.90	8.72	-149.59	45.58	1308.73	-35.69	-51.86	310.87
35620	82.13	-14.74	8.72	-135.81	40.47	1264.52	-47.33	-74.61	296.86
35621	83.14	-14.53	8.72	-118.07	34.41	1206.16	-55.32	-89.56	279.24
35622	84.15	-14.28	8.72	-98.73	28.11	1136.64	-59.25	-95.82	259.96
35623	85.13	-13.97	8.72	-79.81	22.60	1059.18	-59.41	-93.50	241.08
35624	86.08	-13.62	8.72	-63.07	18.61	976.73	-56.58	-83.61	224.38
35625	87.01	-13.23	8.72	-49.72	16.56	891.69	-51.80	-67.74	211.14
35626	87.92	-12.79	8.72	-40.43	16.59	805.86	-46.27	-47.83	202.14
35627	78.99	-16.43	8.72	-145.00	89.67	1560.89	-5.81	-0.23	379.35
35628	80.07	-16.36	8.72	-144.51	87.61	1551.93	-22.40	-32.35	376.29
35629	81.14	-16.23	8.72	-137.90	82.49	1524.00	-37.57	-61.53	366.57
35630	82.19	-16.04	8.72	-126.22	74.93	1478.32	-50.04	-85.61	351.20
35631	83.23	-15.79	8.72	-111.01	65.91	1416.77	-58.90	-102.87	331.72
35632	84.25	-15.47	8.72	-94.03	56.58	1341.73	-63.81	-112.36	309.98
35633	85.25	-15.10	8.72	-77.13	47.88	1255.77	-64.92	-113.80	287.81
35634	86.23	-14.67	8.72	-61.85	40.67	1161.50	-62.86	-107.64	266.90
35635	87.17	-14.19	8.72	-49.32	35.50	1061.37	-58.55	-94.92	248.65
35636	88.08	-13.65	8.72	-40.01	32.52	957.40	-53.12	-77.15	234.13
35637	92.26	-9.42	8.72	-42.33	38.24	312.54	-33.44	70.21	217.85
35638	91.72	-10.25	8.72	-38.06	37.31	422.73	-34.44	43.27	214.13
35639	91.12	-11.05	8.72	-34.71	36.16	535.04	-36.36	16.60	213.03
35640	91.43	-9.37	8.72	-42.49	19.24	286.80	-21.31	94.96	192.44

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]
35641	91.05	-10.08	8.72	-38.16	21.66	385.09	-25.41	65.48	193.23
35642	90.63	-10.78	8.72	-35.26	23.67	484.99	-29.70	36.76	195.59
35643	90.60	-9.31	8.72	-41.79	-0.79	264.78	-10.66	108.71	166.72
35644	90.38	-9.92	8.72	-37.95	4.87	351.43	-16.97	80.02	171.93
35645	90.15	-10.52	8.72	-35.70	10.06	439.03	-22.84	52.10	178.10
35646	88.92	-13.07	8.72	-34.99	31.79	852.58	-47.65	-56.16	223.28
35647	88.72	-12.33	8.72	-35.61	18.21	724.76	-41.00	-27.12	196.73
35648	88.51	-11.61	8.72	-36.20	0.53	606.73	-32.33	-0.79	172.62
35649	89.71	-12.45	8.72	-32.78	32.06	748.10	-42.94	-32.92	216.78
35650	89.42	-11.87	8.72	-33.52	19.89	648.40	-36.68	-6.97	195.03
35651	89.12	-11.30	8.72	-34.30	4.86	556.08	-29.20	15.75	174.69
35652	90.45	-11.78	8.72	-33.03	33.94	643.41	-39.05	-9.21	213.84
35653	90.09	-11.38	8.72	-33.67	22.80	572.74	-33.20	12.76	196.15
35654	89.72	-10.98	8.72	-34.18	9.22	507.23	-26.83	31.53	179.04
35655	88.40	-9.39	7.03	-58.70	-49.73	235.62	10.24	125.37	55.80
35656	89.28	-9.35	7.03	-57.85	-34.22	224.15	4.35	133.05	81.71
35657	90.16	-9.32	7.03	-57.45	-20.05	215.96	-3.12	134.20	107.55
35658	88.55	-10.17	7.03	-53.93	-31.83	348.93	-2.78	90.35	86.43
35659	89.32	-10.06	7.03	-52.94	-21.13	326.14	-6.15	98.88	103.43
35660	90.09	-9.94	7.03	-52.82	-10.85	305.54	-10.52	103.46	121.30
35661	88.70	-10.96	7.03	-49.78	-14.16	463.52	-14.60	57.03	116.07
35662	89.35	-10.77	7.03	-48.92	-8.55	428.92	-15.65	66.31	125.11
35663	90.00	-10.57	7.03	-48.66	-1.87	395.46	-18.10	73.60	135.76
35664	78.93	-9.71	7.03	-106.73	-171.79	448.00	-1.36	64.34	-125.42
35665	79.90	-9.70	7.03	-111.40	-168.45	452.12	3.74	57.50	-116.09
35666	80.86	-9.68	7.03	-111.07	-162.24	444.63	7.99	51.45	-104.66
35667	81.81	-9.66	7.03	-106.57	-153.47	426.90	11.41	48.17	-91.24
35668	82.77	-9.63	7.03	-98.87	-142.31	401.29	14.21	49.22	-75.84
35669	83.72	-9.60	7.03	-89.57	-129.23	370.74	16.16	55.27	-58.52
35670	84.67	-9.57	7.03	-80.23	-114.48	338.27	17.40	65.97	-39.24
35671	85.61	-9.53	7.03	-71.77	-98.57	306.58	17.62	80.32	-17.96
35672	86.55	-9.48	7.03	-65.43	-82.07	277.84	16.65	96.61	5.15
35673	87.49	-9.43	7.03	-61.22	-65.37	253.43	14.25	112.56	29.78
35674	78.96	-11.12	7.03	-115.93	-122.58	677.71	-3.21	45.77	-7.43
35675	79.96	-11.09	7.03	-119.24	-119.92	676.36	-2.82	33.02	-1.54
35676	80.96	-11.05	7.03	-116.97	-115.09	661.02	-2.79	22.01	4.08
35677	81.95	-10.99	7.03	-110.25	-108.31	633.66	-2.88	15.01	9.62
35678	82.94	-10.91	7.03	-100.46	-99.83	597.04	-2.64	13.40	15.52
35679	83.91	-10.82	7.03	-89.15	-90.01	554.41	-2.07	17.87	22.46
35680	84.87	-10.71	7.03	-78.19	-79.17	508.98	-1.33	27.91	30.95
35681	85.83	-10.59	7.03	-68.58	-67.48	463.53	-0.63	42.32	41.46
35682	86.77	-10.46	7.03	-61.35	-55.31	420.14	-0.39	59.30	54.29
35683	87.70	-10.31	7.03	-56.66	-42.92	380.07	-0.96	76.65	69.49
35684	78.98	-12.54	7.03	-120.21	-63.34	878.92	-5.53	28.96	96.90
35685	80.02	-12.50	7.03	-122.35	-61.93	874.43	-9.48	12.28	99.79
35686	81.06	-12.43	7.03	-118.82	-59.53	854.82	-13.31	-2.09	100.25
35687	82.08	-12.33	7.03	-110.78	-56.32	822.13	-16.33	-11.86	98.97
35688	83.09	-12.20	7.03	-99.82	-52.33	779.11	-18.23	-15.76	96.86
35689	84.08	-12.05	7.03	-87.52	-47.43	728.83	-18.83	-13.22	94.96
35690	85.06	-11.87	7.03	-75.66	-41.76	674.29	-18.33	-4.67	94.35
35691	86.03	-11.67	7.03	-65.43	-35.36	618.08	-17.12	8.63	95.88
35692	86.98	-11.44	7.03	-57.65	-28.32	562.09	-15.77	25.04	100.11
35693	87.91	-11.19	7.03	-52.64	-20.69	507.60	-14.82	42.66	107.18
35694	78.99	-13.97	7.03	-119.60	-5.28	1070.60	-7.46	14.39	183.51
35695	80.07	-13.91	7.03	-120.90	-5.17	1064.51	-14.82	-4.68	184.12
35696	81.14	-13.81	7.03	-116.83	-5.51	1042.84	-21.66	-21.26	180.98
35697	82.19	-13.68	7.03	-108.44	-6.05	1007.30	-27.13	-33.33	174.95
35698	83.22	-13.50	7.03	-97.19	-6.56	960.26	-30.77	-39.57	167.20
35699	84.24	-13.29	7.03	-84.82	-6.83	904.34	-32.41	-39.49	159.04
35700	85.24	-13.04	7.03	-72.80	-6.51	842.15	-32.31	-33.41	151.75
35701	86.21	-12.76	7.03	-62.36	-5.36	775.96	-30.94	-22.29	146.36
35702	87.17	-12.43	7.03	-54.30	-3.29	707.57	-28.94	-7.55	143.64
35703	88.10	-12.08	7.03	-48.98	-0.24	638.19	-27.06	9.16	144.12
35704	79.00	-15.39	7.03	-114.28	42.56	1268.76	-8.25	2.03	259.86
35705	80.11	-15.32	7.03	-115.17	41.62	1261.94	-18.00	-18.86	258.83
35706	81.20	-15.21	7.03	-111.17	39.21	1238.91	-26.99	-37.36	253.37
35707	82.27	-15.04	7.03	-103.24	35.63	1201.02	-34.35	-51.71	244.31
35708	83.33	-14.82	7.03	-92.68	31.39	1150.10	-39.53	-60.68	232.82
35709	84.37	-14.54	7.03	-80.89	27.10	1088.31	-42.36	-63.69	220.23
35710	85.39	-14.22	7.03	-69.29	23.24	1017.83	-43.02	-60.77	207.82
35711	86.38	-13.85	7.03	-59.03	20.20	940.75	-41.98	-52.56	196.73
35712	87.34	-13.44	7.03	-50.87	18.25	858.82	-39.91	-40.12	187.83
35713	88.28	-12.98	7.03	-45.26	17.40	773.40	-37.59	-24.73	181.69
35714	79.01	-16.81	7.03	-104.44	79.65	1475.93	-7.50	-8.67	342.97
35715	80.13	-16.74	7.03	-105.26	77.98	1468.95	-19.06	-31.79	340.57
35716	81.24	-16.61	7.03	-101.85	74.16	1444.82	-29.81	-52.73	333.09
35717	82.34	-16.40	7.03	-94.93	68.61	1404.47	-38.86	-69.95	321.27
35718	83.42	-16.14	7.03	-85.56	61.94	1349.26	-45.63	-82.24	306.16
35719	84.48	-15.81	7.03	-74.94	54.80	1280.89	-49.86	-88.87	288.98
35720	85.52	-15.42	7.03	-64.27	47.88	1201.25	-51.62	-89.57	271.05
35721	86.53	-14.96	7.03	-54.59	41.73	1112.25	-51.31	-84.59	253.56
35722	87.50	-14.45	7.03	-46.66	36.71	1015.70	-49.53	-74.54	237.53
35723	88.44	-13.89	7.03	-40.76	32.88	913.15	-46.99	-60.43	223.82
35724	92.75	-9.44	7.03	-47.37	20.78	234.78	-37.35	74.29	186.37
35725	92.19	-10.32	7.03	-42.96	23.37	354.92	-37.97	46.94	188.04
35726	91.59	-11.15	7.03	-39.41	25.65	475.20	-39.18	20.72	192.10
35727	91.89	-9.38	7.03	-52.72	7.92	226.24	-24.58	104.55	160.97
35728	91.50	-10.14	7.03	-47.71	12.20	330.88	-27.60	74.71	165.44
35729	91.07	-10.87	7.03	-43.91	16.04	435.78	-30.76	46.07	171.59
35730	91.03	-9.32	7.03	-55.88	-5.73	217.13	-13.11	124.93	134.84
35731	90.81	-9.97	7.03	-50.95	0.44	307.29	-18.07	95.41	142.48
35732	90.57	-10.60	7.03	-47.45	6.03	397.70	-22.65	67.03	151.41
35733	89.32	-13.27	7.03	-37.92	30.47	807.54	-44.44	-43.35	212.40
35734	89.10	-12.50	7.03	-42.60	17.52	690.36	-35.44	-8.49	177.52
35735	88.88	-11.74	7.03	-46.48	2.82	576.76	-25.95	24.05	146.25
35736	90.13	-12.62	7.03	-36.93	28.25	700.20	-42.26	-23.69	203.78
35737	89.82	-12.01	7.03	-41.56	17.21	610.28	-33.76	7.77	175.41
35738	89.52	-11.42	7.03	-45.36	5.00	523.26	-25.19	36.25	149.39
35739	90.90	-11.92	7.03	-37.65	27.00	590.32	-40.47	-3.04	197.61

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]
35740	90.51	-11.50	7.03	-41.97	17.58	529.02	-32.62	24.05	175.22
35741	90.14	-11.08	7.03	-45.30	6.76	469.77	-25.01	48.00	153.77
35742	88.73	-9.41	5.34	-76.27	-39.73	191.38	4.49	150.97	26.49
35743	89.65	-9.37	5.34	-76.76	-30.61	177.04	-2.28	154.87	52.64
35744	90.56	-9.33	5.34	-76.01	-22.87	161.80	-10.43	152.47	78.48
35745	88.90	-10.23	5.34	-70.13	-24.91	303.64	-5.97	114.07	58.04
35746	89.70	-10.11	5.34	-70.10	-19.20	277.67	-10.60	119.28	75.77
35747	90.49	-9.99	5.34	-69.74	-14.03	250.93	-16.12	120.78	93.93
35748	89.06	-11.05	5.34	-64.08	-10.50	416.45	-15.80	78.27	90.13
35749	89.73	-10.85	5.34	-64.02	-8.40	378.59	-18.31	84.95	99.69
35750	90.40	-10.64	5.34	-63.69	-5.52	339.91	-22.15	89.76	110.53
35751	78.95	-9.74	5.34	-72.26	-121.18	324.42	-7.91	53.27	-157.66
35752	79.95	-9.73	5.34	-77.85	-119.05	329.45	-1.74	57.95	-149.54
35753	80.94	-9.71	5.34	-80.69	-114.75	327.09	3.53	62.75	-138.78
35754	81.93	-9.69	5.34	-81.19	-108.52	318.16	7.89	68.90	-125.51
35755	82.92	-9.66	5.34	-80.10	-100.65	304.03	11.27	77.19	-109.84
35756	83.90	-9.63	5.34	-78.24	-91.46	286.32	13.62	87.89	-91.83
35757	84.88	-9.59	5.34	-76.41	-81.32	266.67	14.76	100.76	-71.61
35758	85.85	-9.55	5.34	-75.27	-70.60	246.50	14.56	114.95	-49.35
35759	86.83	-9.51	5.34	-75.04	-59.72	226.74	12.83	129.19	-25.32
35760	87.79	-9.45	5.34	-75.66	-49.08	207.80	9.48	141.93	0.08
35761	78.98	-11.23	5.34	-81.25	-79.69	558.71	-9.35	36.46	-54.79
35762	80.02	-11.20	5.34	-85.66	-78.27	558.93	-6.67	35.23	-49.46
35763	81.06	-11.15	5.34	-86.87	-75.29	549.34	-4.53	34.89	-43.23
35764	82.08	-11.08	5.34	-85.46	-70.98	531.10	-2.78	36.78	-36.03
35765	83.10	-11.00	5.34	-82.35	-65.58	505.90	-1.33	41.83	-27.63
35766	84.11	-10.90	5.34	-78.55	-59.30	475.62	-0.22	50.26	-17.77
35767	85.10	-10.79	5.34	-74.94	-52.41	442.09	0.45	61.77	-6.17
35768	86.09	-10.67	5.34	-72.22	-45.19	406.81	0.42	75.45	7.32
35769	87.06	-10.52	5.34	-70.68	-37.89	370.83	-0.54	90.04	22.71
35770	88.03	-10.37	5.34	-70.31	-30.79	334.63	-2.66	103.98	39.90
35771	79.00	-12.72	5.34	-86.14	-34.01	774.99	-10.83	20.71	44.14
35772	80.08	-12.67	5.34	-89.51	-33.54	772.17	-11.44	14.73	46.93
35773	81.16	-12.59	5.34	-89.48	-32.44	757.75	-12.21	10.17	48.94
35774	82.22	-12.49	5.34	-86.75	-30.78	732.96	-12.85	8.42	50.48
35775	83.26	-12.35	5.34	-82.29	-28.64	699.52	-13.13	10.38	52.10
35776	84.29	-12.19	5.34	-77.18	-26.09	659.31	-13.07	16.33	54.43
35777	85.31	-12.01	5.34	-72.34	-23.18	614.13	-12.82	25.94	58.04
35778	86.30	-11.79	5.34	-68.48	-19.97	565.47	-12.68	38.39	63.38
35779	87.28	-11.55	5.34	-65.94	-16.60	514.42	-12.99	52.50	70.75
35780	88.24	-11.29	5.34	-64.75	-13.09	461.67	-14.11	66.97	80.07
35781	79.01	-14.21	5.34	-87.00	8.53	983.68	-11.69	6.34	136.29
35782	80.14	-14.15	5.34	-89.56	8.11	979.07	-15.10	-3.40	136.98
35783	81.24	-14.05	5.34	-88.76	7.37	961.32	-18.38	-11.46	135.55
35784	82.33	-13.90	5.34	-85.31	6.39	931.58	-21.10	-16.51	132.48
35785	83.40	-13.72	5.34	-80.18	5.30	891.39	-23.00	-17.66	128.52
35786	84.46	-13.50	5.34	-74.35	4.28	842.48	-24.03	-14.58	124.48
35787	85.49	-13.24	5.34	-68.77	3.47	786.52	-24.35	-7.46	121.17
35788	86.50	-12.93	5.34	-64.12	2.97	724.99	-24.31	3.02	119.24
35789	87.49	-12.60	5.34	-60.81	2.81	659.03	-24.30	15.88	119.16
35790	88.45	-12.22	5.34	-58.94	2.96	589.45	-24.80	29.96	121.32
35791	79.03	-15.70	5.34	-84.06	43.77	1190.01	-11.39	-6.66	224.68
35792	80.17	-15.63	5.34	-86.05	42.69	1184.46	-17.16	-19.61	223.72
35793	81.31	-15.51	5.34	-84.93	40.56	1164.22	-22.63	-30.85	219.61
35794	82.42	-15.33	5.34	-81.31	37.58	1130.26	-27.29	-39.14	212.89
35795	83.52	-15.10	5.34	-76.03	34.04	1083.89	-30.82	-43.60	204.36
35796	84.60	-14.81	5.34	-70.00	30.24	1026.63	-33.11	-43.77	194.90
35797	85.65	-14.48	5.34	-64.09	26.50	960.04	-34.30	-39.68	185.42
35798	86.68	-14.09	5.34	-58.95	23.04	885.59	-34.69	-31.71	176.70
35799	87.67	-13.65	5.34	-55.05	19.98	804.57	-34.72	-20.60	169.37
35800	88.64	-13.17	5.34	-52.60	17.27	718.03	-34.83	-7.22	163.85
35801	79.03	-17.20	5.34	-77.85	74.65	1385.80	-9.70	-18.47	315.55
35802	80.20	-17.12	5.34	-79.55	73.11	1380.05	-17.77	-34.51	313.23
35803	81.35	-16.98	5.34	-78.46	69.95	1358.21	-25.45	-48.92	306.84
35804	82.49	-16.77	5.34	-75.07	65.42	1320.98	-32.16	-60.57	296.86
35805	83.61	-16.49	5.34	-70.07	59.90	1269.41	-37.52	-68.55	284.07
35806	84.71	-16.14	5.34	-64.24	53.82	1204.76	-41.33	-72.28	269.35
35807	85.79	-15.73	5.34	-58.36	47.60	1128.45	-43.65	-71.50	253.65
35808	86.83	-15.25	5.34	-53.11	41.56	1041.95	-44.71	-66.30	237.86
35809	87.84	-14.72	5.34	-48.93	35.93	946.68	-44.88	-57.04	222.74
35810	88.81	-14.12	5.34	-45.99	30.70	843.86	-44.62	-44.39	209.02
35811	93.23	-9.47	5.34	-56.48	-0.42	137.13	-44.06	85.19	155.97
35812	92.67	-10.38	5.34	-52.15	6.03	264.89	-44.10	57.31	161.36
35813	92.05	-11.25	5.34	-48.58	11.92	391.09	-44.42	31.16	168.90
35814	92.34	-9.40	5.34	-65.52	-7.52	146.54	-31.93	116.73	131.56
35815	91.95	-10.19	5.34	-59.81	-0.78	255.71	-33.78	86.29	138.96
35816	91.52	-10.96	5.34	-55.19	5.36	364.02	-35.70	57.49	148.03
35817	91.46	-9.34	5.34	-72.18	-15.05	151.86	-20.70	139.83	105.67
35818	91.23	-10.01	5.34	-66.00	-7.83	243.64	-24.23	109.64	115.48
35819	90.99	-10.67	5.34	-61.19	-1.27	335.13	-27.41	80.86	126.73
35820	89.71	-13.48	5.34	-45.15	26.23	736.55	-44.40	-29.02	196.71
35821	89.49	-12.67	5.34	-51.91	15.13	632.30	-35.07	6.95	159.40
35822	89.25	-11.87	5.34	-58.39	3.12	525.78	-25.88	42.32	124.12
35823	90.55	-12.79	5.34	-45.37	21.35	626.13	-44.32	-11.00	186.32
35824	90.23	-12.16	5.34	-51.97	12.29	548.33	-35.43	21.46	156.16
35825	89.91	-11.53	5.34	-58.17	2.65	468.73	-26.90	52.48	127.08
35826	91.34	-12.06	5.34	-46.68	16.87	511.57	-44.34	8.30	177.63
35827	90.94	-11.61	5.34	-52.82	9.68	461.75	-36.12	36.27	154.24
35828	90.55	-11.18	5.34	-58.36	1.49	410.33	-28.34	62.42	130.66
35829	79.02	1.65	4.00	75.15	-86.79	-2088.80	-21.41	165.46	-247.74
35830	79.02	0.55	4.00	62.57	-99.56	-1838.53	-17.77	156.00	-323.81
35831	79.02	-0.55	4.00	49.25	-112.98	-1585.23	-14.77	145.64	-377.84
35832	79.02	-1.65	4.00	35.60	-125.07	-1333.16	-12.43	134.56	-410.92
35833	80.16	1.65	4.00	58.30	-88.43	-2056.25	-4.49	276.68	-235.96
35834	80.16	0.55	4.00	46.55	-100.54	-1808.42	0.75	255.85	-311.05
35835	80.16	-0.55	4.00	34.13	-113.36	-1557.80	4.50	233.72	-364.51
35836	80.16	-1.65	4.00	21.44	-124.95	-1308.57	6.84	210.85	-397.38
35837	81.30	1.65	4.00	33.86	-91.00	-2005.34	10.28	381.91	-214.48
35838	81.31	0.55	4.00	24.21	-101.74	-1763.23	17.09	350.49	-288.23

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]
35839	81.31	-0.55	4.00	13.94	-113.33	-1518.58	21.63	317.34	-341.16
35840	81.30	-1.65	4.00	3.40	-123.87	-1275.35	24.06	283.37	-374.15
35841	82.44	1.65	4.00	2.51	-94.61	-1938.01	21.78	478.82	-184.42
35842	82.45	0.55	4.00	-4.01	-103.33	-1704.43	30.15	438.10	-256.41
35843	82.45	-0.55	4.00	-11.06	-113.11	-1468.65	35.57	395.17	-308.71
35844	82.44	-1.65	4.00	-18.40	-122.09	-1234.24	38.25	351.28	-342.03
35845	83.57	1.65	4.00	-34.77	-99.41	-1856.90	29.19	564.90	-147.41
35846	83.59	0.55	4.00	-37.44	-105.57	-1633.99	39.04	516.59	-217.10
35847	83.59	-0.55	4.00	-40.46	-112.98	-1409.37	45.42	465.58	-268.54
35848	83.57	-1.65	4.00	-43.76	-119.92	-1186.11	48.55	413.36	-302.24
35849	84.71	1.65	4.00	-76.48	-105.49	-1765.68	32.08	637.68	-105.44
35850	84.73	0.55	4.00	-74.92	-108.67	-1554.77	43.23	583.73	-172.20
35851	84.73	-0.55	4.00	-73.46	-113.27	-1342.84	50.59	526.65	-222.40
35852	84.71	-1.65	4.00	-72.19	-117.73	-1132.37	54.33	468.05	-256.35
35853	85.85	1.65	4.00	-120.37	-112.86	-1669.23	30.43	695.00	-60.66
35854	85.88	0.55	4.00	-114.61	-112.79	-1470.76	42.58	637.49	-123.85
35855	85.88	-0.55	4.00	-108.61	-114.26	-1272.17	50.82	576.47	-172.31
35856	85.85	-1.65	4.00	-102.64	-115.87	-1075.25	55.28	513.65	-206.20
35857	86.99	1.65	4.00	-163.56	-121.36	-1573.52	24.68	735.39	-15.27
35858	87.02	0.55	4.00	-154.00	-117.97	-1387.03	37.37	676.30	-74.25
35859	87.02	-0.55	4.00	-143.82	-116.13	-1201.47	46.27	613.48	-120.43
35860	86.99	-1.65	4.00	-133.45	-114.67	-1017.97	51.41	548.61	-153.82
35861	88.13	1.65	4.00	-202.67	-130.69	-1485.25	15.68	758.29	28.68
35862	88.16	0.55	4.00	-190.05	-124.10	-1309.48	28.31	699.37	-25.55
35863	88.16	-0.55	4.00	-176.43	-118.95	-1135.75	37.48	636.69	-68.88
35864	88.13	-1.65	4.00	-162.35	-114.33	-964.59	43.14	571.81	-101.24
35865	89.27	1.65	4.00	-234.16	-140.38	-1411.45	4.59	763.95	69.35
35866	89.31	0.55	4.00	-219.44	-130.91	-1244.44	16.48	706.62	20.30
35867	89.31	-0.55	4.00	-203.40	-122.65	-1080.57	25.39	645.70	-19.66
35868	89.27	-1.65	4.00	-186.66	-114.96	-919.83	31.25	582.53	-50.41
35869	90.40	1.65	4.00	-254.41	-149.78	-1358.84	-7.12	753.02	105.14
35870	90.45	0.55	4.00	-238.70	-137.95	-1198.20	3.24	698.37	61.61
35871	90.45	-0.55	4.00	-221.50	-126.97	-1041.61	11.27	640.45	25.50
35872	90.40	-1.65	4.00	-203.40	-116.49	-888.68	16.84	580.35	-3.06
35873	91.54	1.65	4.00	-260.03	-158.05	-1333.34	-17.88	725.94	134.63
35874	91.59	0.55	4.00	-244.50	-144.55	-1176.41	-9.85	674.75	96.87
35875	91.59	-0.55	4.00	-227.46	-131.45	-1024.17	-3.43	620.69	65.07
35876	91.54	-1.65	4.00	-209.45	-118.64	-875.99	1.26	564.66	39.32
35877	92.68	1.65	4.00	-248.22	-164.15	-1338.69	-26.09	681.93	156.41
35878	92.73	0.55	4.00	-233.90	-149.82	-1182.92	-21.15	634.71	124.70
35879	92.73	-0.55	4.00	-218.33	-135.36	-1032.07	-17.08	585.17	97.68
35880	92.68	-1.65	4.00	-201.92	-120.90	-885.42	-13.96	533.95	75.40
35881	93.82	1.65	4.00	-218.59	-167.01	-1374.85	-30.54	619.03	168.96
35882	93.88	0.55	4.00	-206.24	-152.75	-1218.18	-29.23	576.16	143.66
35883	93.88	-0.55	4.00	-193.18	-137.85	-1066.12	-28.14	531.62	121.97
35884	93.82	-1.65	4.00	-179.63	-122.57	-918.07	-27.24	485.89	103.90
35885	94.96	1.65	4.00	-173.52	-165.52	-1435.84	-30.78	535.19	170.77
35886	95.02	0.55	4.00	-163.47	-152.29	-1277.09	-33.32	496.79	152.27
35887	95.02	-0.55	4.00	-153.46	-137.89	-1122.15	-35.50	457.59	136.50
35888	94.96	-1.65	4.00	-143.57	-122.68	-970.63	-37.27	417.92	123.37
35889	96.10	1.65	4.00	-121.21	-159.88	-1511.37	-27.85	431.91	160.15
35890	96.16	0.55	4.00	-113.11	-148.18	-1350.16	-33.68	397.51	148.37
35891	96.16	-0.55	4.00	-106.00	-135.03	-1191.47	-38.91	363.66	138.93
35892	96.10	-1.65	4.00	-99.68	-120.81	-1035.49	-43.33	330.10	131.60
35893	79.03	1.65	3.00	67.68	-97.32	-1915.98	-21.28	151.51	-228.22
35894	79.03	0.55	3.00	59.21	-101.24	-1694.38	-17.87	142.68	-300.58
35895	79.03	-0.55	3.00	49.49	-107.12	-1469.34	-15.09	133.01	-353.52
35896	79.03	-1.65	3.00	38.94	-113.07	-1244.37	-12.94	122.65	-387.64
35897	80.18	1.65	3.00	50.62	-99.44	-1887.81	-9.02	255.20	-218.00
35898	80.19	0.55	3.00	42.85	-102.79	-1668.02	-3.80	236.65	-289.38
35899	80.19	-0.55	3.00	33.94	-108.10	-1445.08	0.07	216.77	-341.71
35900	80.18	-1.65	3.00	24.27	-113.53	-1222.41	2.63	196.06	-375.55
35901	81.34	1.65	3.00	25.69	-102.94	-1843.27	1.38	353.36	-199.45
35902	81.35	0.55	3.00	19.70	-105.08	-1627.92	8.32	325.71	-269.44
35903	81.35	-0.55	3.00	12.69	-109.24	-1409.79	13.27	296.26	-321.07
35904	81.34	-1.65	3.00	4.99	-113.63	-1192.10	16.28	265.81	-354.82
35905	82.49	1.65	3.00	-6.26	-107.86	-1784.50	9.00	443.74	-173.50
35906	82.50	0.55	3.00	-9.58	-108.23	-1575.80	17.59	408.03	-241.65
35907	82.50	-0.55	3.00	-13.76	-110.70	-1364.83	23.62	370.06	-292.41
35908	82.49	-1.65	3.00	-18.55	-113.56	-1154.45	27.16	330.90	-326.17
35909	83.64	1.65	3.00	-44.10	-114.24	-1714.34	13.21	524.14	-141.46
35910	83.66	0.55	3.00	-44.12	-112.37	-1513.96	23.28	481.75	-207.28
35911	83.66	-0.55	3.00	-44.77	-112.68	-1311.95	30.38	436.67	-256.95
35912	83.64	-1.65	3.00	-45.94	-113.57	-1110.74	34.57	390.15	-290.71
35913	84.80	1.65	3.00	-86.25	-122.10	-1636.50	13.64	592.62	-104.95
35914	84.82	0.55	3.00	-82.65	-117.65	-1445.43	24.98	545.11	-167.93
35915	84.82	-0.55	3.00	-79.39	-115.41	-1253.54	33.08	494.55	-216.17
35916	84.80	-1.65	3.00	-76.50	-113.95	-1062.74	37.99	442.31	-249.81
35917	85.95	1.65	3.00	-130.67	-131.38	-1555.66	10.35	647.64	-65.69
35918	85.98	0.55	3.00	-123.44	-124.15	-1374.15	22.61	596.64	-125.35
35919	85.98	-0.55	3.00	-116.20	-119.09	-1192.78	31.56	542.33	-171.79
35920	85.95	-1.65	3.00	-109.13	-114.99	-1012.89	37.21	486.14	-205.06
35921	87.11	1.65	3.00	-174.79	-141.92	-1477.35	3.71	688.33	-25.44
35922	87.14	0.55	3.00	-164.25	-131.85	-1304.91	16.45	635.39	-81.33
35923	87.14	-0.55	3.00	-153.31	-123.86	-1133.67	26.00	579.03	-125.59
35924	87.11	-1.65	3.00	-142.29	-116.94	-964.43	32.31	520.64	-158.17
35925	88.26	1.65	3.00	-215.69	-153.44	-1407.78	-5.50	714.62	14.19
35926	88.30	0.55	3.00	-202.40	-140.66	-1243.25	7.17	661.09	-37.60
35927	88.30	-0.55	3.00	-188.34	-129.77	-1081.01	16.94	604.19	-79.29
35928	88.26	-1.65	3.00	-173.93	-119.98	-921.36	23.70	545.20	-110.81
35929	89.42	1.65	3.00	-250.11	-165.50	-1353.60	-16.20	727.11	51.78
35930	89.45	0.55	3.00	-234.86	-150.33	-1195.22	-4.25	674.08	4.32
35931	89.45	-0.55	3.00	-218.52	-136.74	-1040.19	5.23	617.87	-34.49
35932	89.42	-1.65	3.00	-201.56	-124.20	-888.35	12.11	559.61	-64.55
35933	90.57	1.65	3.00	-274.45	-177.52	-1321.66	-26.99	726.78	86.10
35934	90.61	0.55	3.00	-258.20	-160.44	-1167.23	-16.52	675.05	43.10
35935	90.61	-0.55	3.00	-240.61	-144.54	-1017.05	-7.93	620.45	7.45
35936	90.57	-1.65	3.00	-222.18	-129.53	-870.64	-1.41	563.91	-20.78
35937	91.72	1.65	3.00	-284.58	-188.65	-1318.66	-36.20	714.14	116.03

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]
35938	91.77	0.55	3.00	-268.37	-170.35	-1165.72	-28.03	664.29	77.58
35939	91.77	-0.55	3.00	-250.73	-152.72	-1017.65	-21.09	611.94	45.33
35940	91.72	-1.65	3.00	-232.14	-135.70	-873.77	-15.57	557.83	19.34
35941	92.88	1.65	3.00	-275.71	-197.72	-1350.58	-41.92	687.80	140.21
35942	92.93	0.55	3.00	-260.65	-179.09	-1196.60	-36.95	640.38	106.52
35943	92.93	-0.55	3.00	-244.29	-160.51	-1047.69	-32.53	590.80	78.03
35944	92.88	-1.65	3.00	-227.00	-142.15	-903.14	-28.82	539.70	54.76
35945	94.03	1.65	3.00	-243.12	-202.74	-1417.88	-42.23	641.35	156.53
35946	94.09	0.55	3.00	-230.23	-184.83	-1260.89	-41.33	597.12	128.20
35947	94.09	-0.55	3.00	-216.50	-166.34	-1108.57	-40.36	551.15	104.14
35948	94.03	-1.65	3.00	-202.15	-147.60	-960.34	-39.34	503.94	84.35
35949	95.19	1.65	3.00	-192.64	-202.62	-1513.08	-36.62	568.39	162.23
35950	95.25	0.55	3.00	-182.10	-186.54	-1352.16	-40.06	528.15	140.20
35951	95.25	-0.55	3.00	-171.53	-169.26	-1194.89	-42.91	486.79	121.55
35952	95.19	-1.65	3.00	-161.01	-151.16	-1040.96	-45.12	444.73	106.24
35953	96.34	1.65	3.00	-128.62	-195.37	-1615.55	-25.34	464.63	154.80
35954	96.40	0.55	3.00	-120.18	-181.96	-1451.52	-32.60	428.68	139.79
35955	96.40	-0.55	3.00	-112.72	-167.02	-1289.70	-39.11	392.83	127.64
35956	96.34	-1.65	3.00	-106.08	-150.91	-1130.33	-44.66	357.00	118.16
35957	77.88	-1.65	4.00	45.49	-124.14	-1348.20	-32.71	55.15	-414.36
35958	77.88	-0.55	4.00	58.82	-112.06	-1599.75	-35.03	54.19	-380.69
35959	77.88	0.55	4.00	71.70	-98.70	-1852.25	-37.22	52.56	-326.02
35960	77.88	1.65	4.00	83.75	-86.03	-2101.45	-39.20	50.46	-249.27
35961	76.74	-1.65	4.00	50.34	-122.15	-1352.39	-52.95	-26.63	-407.69
35962	76.74	-0.55	4.00	62.04	-110.65	-1600.04	-55.07	-39.38	-373.09
35963	76.74	0.55	4.00	73.13	-98.02	-1848.24	-56.32	-52.67	-317.73
35964	76.74	1.65	4.00	83.27	-86.22	-2092.86	-56.51	-65.95	-240.65
35965	75.60	-1.65	4.00	49.13	-119.26	-1344.27	-72.10	-109.50	-391.32
35966	75.59	-0.55	4.00	57.91	-108.92	-1584.71	-73.78	-133.32	-355.57
35967	75.59	0.55	4.00	65.87	-97.72	-1825.24	-73.86	-157.42	-299.60
35968	75.60	1.65	4.00	72.81	-87.54	-2062.01	-72.10	-180.91	-222.63
35969	74.47	-1.65	4.00	40.77	-115.71	-1322.55	-89.24	-191.47	-366.08
35970	74.45	-0.55	4.00	45.40	-107.18	-1552.70	-90.17	-225.15	-329.13
35971	74.45	0.55	4.00	49.07	-98.11	-1782.55	-88.81	-258.70	-272.80
35972	74.47	1.65	4.00	51.70	-90.28	-2008.64	-84.93	-290.94	-196.53
35973	73.33	-1.65	4.00	24.54	-111.82	-1286.66	-103.62	-269.77	-333.23
35974	73.31	-0.55	4.00	23.99	-105.80	-1503.88	-103.49	-311.63	-295.26
35975	73.31	0.55	4.00	22.41	-99.58	-1720.56	-100.46	-352.86	-239.02
35976	73.33	1.65	4.00	19.90	-94.80	-1933.79	-94.33	-392.03	-164.17
35977	72.19	-1.65	4.00	0.40	-107.96	-1237.33	-114.81	-341.10	-294.43
35978	72.17	-0.55	4.00	-6.09	-105.19	-1439.57	-113.40	-389.11	-255.85
35979	72.17	0.55	4.00	-13.54	-102.59	-1641.29	-108.52	-435.93	-200.33
35980	72.19	1.65	4.00	-21.73	-101.51	-1840.22	-100.10	-479.98	-127.73
35981	71.05	-1.65	4.00	-30.82	-104.45	-1176.80	-122.86	-402.15	-251.70
35982	71.02	-0.55	4.00	-43.59	-105.77	-1362.80	-120.06	-454.03	-213.09
35983	71.02	0.55	4.00	-57.15	-107.56	-1548.57	-113.28	-504.19	-159.05
35984	71.05	1.65	4.00	-71.17	-110.79	-1732.58	-102.58	-551.02	-89.59
35985	69.91	-1.65	4.00	-67.53	-101.54	-1108.96	-128.44	-450.04	-207.29
35986	69.88	-0.55	4.00	-86.45	-107.87	-1278.29	-124.37	-503.46	-169.40
35987	69.88	0.55	4.00	-105.87	-114.89	-1447.97	-115.74	-554.73	-117.64
35988	69.91	1.65	4.00	-125.53	-123.08	-1617.19	-102.81	-602.37	-52.16
35989	68.77	-1.65	4.00	-107.58	-99.44	-1038.98	-133.05	-482.75	-163.57
35990	68.74	-0.55	4.00	-131.99	-111.76	-1192.10	-128.02	-535.53	-127.21
35991	68.74	0.55	4.00	-156.53	-124.93	-1346.33	-117.72	-585.93	-78.54
35992	68.77	1.65	4.00	-181.25	-138.78	-1501.60	-102.58	-632.63	-17.76
35993	67.63	-1.65	4.00	-148.82	-98.34	-972.99	-139.18	-499.29	-122.92
35994	67.59	-0.55	4.00	-177.52	-117.68	-1111.11	-133.72	-549.60	-88.95
35995	67.59	0.55	4.00	-205.99	-137.91	-1251.25	-122.02	-597.47	-44.11
35996	67.63	1.65	4.00	-234.82	-158.25	-1393.90	-104.65	-641.86	11.42
35997	66.50	-1.65	4.00	-189.41	-98.63	-917.61	-150.53	-499.60	-87.72
35998	66.45	-0.55	4.00	-220.81	-125.83	-1042.60	-145.34	-546.08	-57.01
35999	66.45	0.55	4.00	-251.58	-153.89	-1170.48	-132.61	-590.18	-16.64
36000	66.50	1.65	4.00	-283.22	-181.53	-1302.26	-112.98	-631.26	33.24
36001	65.36	-1.65	4.00	-228.60	-101.17	-879.67	-172.44	-484.08	-60.42
36002	65.31	-0.55	4.00	-260.76	-136.57	-993.87	-168.38	-525.91	-33.94
36003	65.31	0.55	4.00	-291.96	-172.71	-1111.69	-154.99	-565.45	1.36
36004	65.36	1.65	4.00	-325.04	-208.00	-1234.46	-133.14	-602.60	45.38
36005	64.22	-1.65	4.00	-267.91	-107.61	-866.39	-213.09	-453.05	-44.18
36006	64.17	-0.55	4.00	-298.34	-150.84	-972.40	-211.23	-489.71	-23.27
36007	64.17	0.55	4.00	-327.95	-194.28	-1082.28	-196.96	-524.04	6.59
36008	64.22	1.65	4.00	-361.93	-235.86	-1197.92	-172.67	-557.20	44.82
36009	63.08	-1.65	4.00	-313.93	-121.64	-886.27	-288.22	-405.97	-45.47
36010	63.02	-0.55	4.00	-337.95	-171.90	-986.22	-289.00	-435.50	-31.92
36011	63.02	0.55	4.00	-364.64	-219.46	-1089.03	-270.95	-463.63	-6.29
36012	63.08	1.65	4.00	-402.12	-262.02	-1198.64	-242.94	-494.39	27.00
36013	61.94	-1.65	4.00	-376.44	-154.60	-970.97	-434.32	-337.95	-85.83
36014	61.88	-0.55	4.00	-387.42	-210.04	-1056.44	-434.57	-348.96	-76.45
36015	61.88	0.55	4.00	-413.34	-253.29	-1152.61	-405.16	-371.83	-46.92
36016	61.94	1.65	4.00	-466.17	-282.70	-1261.78	-368.09	-411.85	-17.09
36017	60.80	-1.65	4.00	-529.12	-216.92	-989.28	-754.30	-331.38	-219.50
36018	60.74	-0.55	4.00	-544.04	-274.28	-1013.17	-749.21	-310.91	-187.69
36019	60.74	0.55	4.00	-581.59	-292.64	-1084.76	-686.54	-337.32	-125.13
36020	60.80	1.65	4.00	-668.12	-274.07	-1196.19	-618.27	-419.35	-84.41
36021	77.87	-1.65	3.00	48.56	-112.15	-1256.95	-29.50	46.54	-390.69
36022	77.87	-0.55	3.00	58.83	-106.22	-1481.38	-31.18	46.35	-356.08
36023	77.87	0.55	3.00	68.16	-100.39	-1705.63	-32.82	45.65	-302.60
36024	77.87	1.65	3.00	76.16	-96.56	-1926.22	-34.35	44.62	-229.67
36025	76.72	-1.65	3.00	52.54	-110.78	-1259.12	-46.08	-31.16	-384.72
36026	76.71	-0.55	3.00	61.33	-105.43	-1480.11	-47.19	-41.64	-349.45
36027	76.71	0.55	3.00	69.05	-100.29	-1700.66	-47.58	-52.39	-295.53
36028	76.72	1.65	3.00	75.39	-97.22	-1917.40	-47.13	-62.92	-222.45
36029	75.56	-1.65	3.00	50.19	-109.06	-1249.92	-61.79	-108.97	-370.13
36030	75.55	-0.55	3.00	56.32	-104.86	-1464.66	-62.15	-129.05	-334.10
36031	75.55	0.55	3.00	61.28	-101.06	-1678.72	-61.13	-149.07	-279.92
36032	75.56	1.65	3.00	64.83	-99.44	-1888.97	-58.63	-168.27	-207.19
36033	74.41	-1.65	3.00	40.92	-107.16	-1228.72	-75.84	-184.91	-347.68
36034	74.40	-0.55	3.00	43.32	-104.74	-1434.65	-75.23	-213.45	-310.95
36035	74.40	0.55	3.00	44.47	-102.94	-1639.74	-72.67	-241.54	-256.80
36036	74.41	1.65	3.00	44.28	-103.42	-1841.25	-68.03	-268.16	-185.00

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]
36037	73.26	-1.65	3.00	24.48	-105.30	-1195.64	-87.65	-256.53	-318.54
36038	73.24	-0.55	3.00	22.24	-105.31	-1390.58	-85.90	-292.03	-281.29
36039	73.24	0.55	3.00	18.75	-106.19	-1584.68	-81.65	-326.63	-227.62
36040	73.26	1.65	3.00	14.08	-109.40	-1775.70	-74.84	-359.12	-157.40
36041	72.10	-1.65	3.00	1.14	-103.70	-1151.81	-96.97	-321.12	-284.15
36042	72.08	-0.55	3.00	-6.37	-106.86	-1334.12	-93.97	-361.76	-246.76
36043	72.08	0.55	3.00	-15.03	-111.12	-1515.81	-87.97	-401.05	-194.09
36044	72.10	1.65	3.00	-24.66	-117.65	-1695.19	-79.02	-437.68	-126.16
36045	70.95	-1.65	3.00	-28.14	-102.53	-1099.65	-104.02	-376.02	-246.22
36046	70.92	-0.55	3.00	-41.22	-109.63	-1268.33	-99.80	-419.82	-209.17
36047	70.92	0.55	3.00	-55.24	-118.02	-1436.82	-92.08	-461.86	-158.13
36048	70.95	1.65	3.00	-69.99	-128.50	-1604.07	-81.02	-500.86	-93.19
36049	69.79	-1.65	3.00	-61.81	-101.88	-1042.83	-109.63	-419.00	-206.56
36050	69.76	-0.55	3.00	-80.33	-113.80	-1197.57	-104.41	-463.94	-170.43
36051	69.76	0.55	3.00	-99.48	-127.17	-1352.77	-95.09	-506.85	-121.67
36052	69.79	1.65	3.00	-119.19	-142.26	-1508.00	-81.97	-546.50	-60.39
36053	68.64	-1.65	3.00	-97.89	-101.73	-986.14	-115.43	-448.52	-166.93
36054	68.60	-0.55	3.00	-121.24	-119.47	-1127.33	-109.65	-492.73	-132.36
36055	68.60	0.55	3.00	-144.83	-138.75	-1269.78	-98.96	-534.77	-86.49
36056	68.64	1.65	3.00	-168.96	-159.26	-1413.64	-83.78	-573.57	-29.47
36057	67.48	-1.65	3.00	-134.12	-102.04	-935.31	-124.05	-463.83	-128.86
36058	67.45	-0.55	3.00	-161.21	-126.64	-1063.93	-118.38	-505.73	-96.47
36059	67.45	0.55	3.00	-188.08	-152.81	-1194.70	-106.68	-545.49	-54.09
36060	67.48	1.65	3.00	-215.68	-179.63	-1328.27	-89.46	-582.20	-1.82
36061	66.33	-1.65	3.00	-167.98	-102.85	-896.79	-139.31	-464.82	-93.38
36062	66.29	-0.55	3.00	-197.33	-135.16	-1014.33	-134.69	-503.28	-63.79
36063	66.29	0.55	3.00	-225.89	-169.02	-1134.91	-122.54	-539.73	-25.44
36064	66.33	1.65	3.00	-255.59	-203.01	-1259.58	-103.39	-573.46	21.69
36065	65.18	-1.65	3.00	-196.44	-104.38	-877.92	-166.65	-451.65	-60.53
36066	65.13	-0.55	3.00	-226.23	-144.73	-986.25	-164.48	-486.08	-34.48
36067	65.13	0.55	3.00	-254.45	-186.57	-1098.37	-152.60	-518.57	-0.67
36068	65.18	1.65	3.00	-284.73	-227.89	-1215.67	-131.80	-548.73	41.02
36069	64.02	-1.65	3.00	-215.30	-106.63	-887.38	-214.42	-424.35	-28.60
36070	63.97	-0.55	3.00	-242.75	-154.89	-988.65	-217.18	-454.50	-7.26
36071	63.97	0.55	3.00	-267.70	-204.13	-1094.01	-205.91	-482.42	21.63
36072	64.02	1.65	3.00	-297.74	-250.90	-1205.12	-183.29	-508.87	57.94
36073	62.87	-1.65	3.00	-217.35	-108.46	-935.89	-297.91	-383.66	8.16
36074	62.81	-0.55	3.00	-235.34	-164.43	-1032.09	-311.69	-408.30	22.01
36075	62.81	0.55	3.00	-250.57	-221.39	-1131.55	-298.04	-429.02	46.84
36076	62.87	1.65	3.00	-283.81	-265.92	-1236.78	-269.28	-453.10	80.11
36077	61.71	-1.65	3.00	-188.03	-110.55	-1020.88	-463.01	-359.20	53.11
36078	61.65	-0.55	3.00	-173.55	-183.34	-1107.10	-484.11	-358.43	70.51
36079	61.65	0.55	3.00	-170.51	-223.90	-1198.56	-456.46	-371.05	110.42
36080	61.71	1.65	3.00	-222.59	-255.65	-1290.31	-413.12	-401.62	133.61
36081	60.56	-1.65	3.00	-102.10	-117.37	-859.57	-821.22	-305.45	159.61
36082	60.50	-0.55	3.00	3.41	-141.77	-887.15	-798.57	-207.88	238.26
36083	60.50	0.55	3.00	-13.80	-147.44	-940.44	-761.26	-210.23	300.54
36084	60.56	1.65	3.00	-87.48	-142.26	-1076.74	-701.39	-304.90	362.63
36085	79.02	2.50	4.00	84.23	-78.50	-2278.02	-24.65	172.14	-173.98
36086	80.15	2.50	4.00	66.78	-80.67	-2243.82	-9.56	291.71	-163.26
36087	81.28	2.50	4.00	40.80	-84.34	-2188.84	3.44	404.69	-143.38
36088	82.42	2.50	4.00	7.16	-89.59	-2115.38	13.29	508.35	-115.52
36089	83.55	2.50	4.00	-32.94	-96.43	-2026.64	19.22	599.90	-81.32
36090	84.68	2.50	4.00	-77.68	-104.85	-1926.93	20.91	676.69	-42.78
36091	85.81	2.50	4.00	-124.53	-114.68	-1821.78	18.45	736.54	-2.04
36092	86.95	2.50	4.00	-170.36	-125.63	-1717.81	12.39	778.08	38.81
36093	88.08	2.50	4.00	-211.56	-137.24	-1622.28	3.67	800.92	77.82
36094	89.21	2.50	4.00	-244.46	-148.88	-1542.63	-6.47	805.53	113.29
36095	90.35	2.50	4.00	-265.36	-159.76	-1485.88	-16.58	792.84	143.74
36096	91.48	2.50	4.00	-270.90	-168.92	-1458.02	-25.07	763.47	167.81
36097	92.61	2.50	4.00	-258.36	-175.22	-1462.64	-30.43	716.79	184.08
36098	93.74	2.50	4.00	-227.63	-177.59	-1499.30	-31.70	651.04	191.01
36099	94.88	2.50	4.00	-181.32	-175.07	-1561.36	-28.73	564.34	187.07
36100	96.01	2.50	4.00	-128.05	-167.35	-1637.92	-23.05	458.62	170.28
36101	79.01	3.10	4.00	89.92	-74.74	-2406.86	-27.15	176.33	-113.66
36102	80.14	3.10	4.00	72.11	-77.27	-2371.74	-13.70	301.30	-103.87
36103	81.27	3.10	4.00	45.14	-81.71	-2314.27	-2.25	419.28	-85.47
36104	82.39	3.10	4.00	10.02	-88.05	-2237.03	6.18	527.28	-59.64
36105	83.52	3.10	4.00	-31.85	-96.26	-2143.60	10.91	622.33	-28.04
36106	84.65	3.10	4.00	-78.48	-106.20	-2038.72	11.67	701.68	7.39
36107	85.78	3.10	4.00	-127.15	-117.61	-1928.36	8.65	763.16	44.57
36108	86.90	3.10	4.00	-174.57	-130.07	-1819.54	2.46	805.49	81.49
36109	88.03	3.10	4.00	-217.02	-143.02	-1719.83	-5.90	828.39	116.33
36110	89.16	3.10	4.00	-250.75	-155.73	-1636.91	-15.19	832.49	147.51
36111	90.28	3.10	4.00	-272.05	-167.31	-1577.92	-23.93	818.84	173.63
36112	91.41	3.10	4.00	-277.58	-176.75	-1548.85	-30.58	788.21	193.39
36113	92.54	3.10	4.00	-264.73	-182.84	-1553.12	-33.74	740.03	205.38
36114	93.67	3.10	4.00	-233.60	-184.55	-1589.94	-32.59	672.69	208.03
36115	94.79	3.10	4.00	-186.94	-181.05	-1652.29	-27.35	584.50	199.86
36116	95.92	3.10	4.00	-133.54	-172.22	-1729.27	-19.52	477.26	178.97
36117	79.02	2.50	3.00	73.26	-96.63	-2083.31	-24.30	157.75	-159.36
36118	80.17	2.50	3.00	55.72	-99.20	-2053.99	-13.93	268.49	-150.15
36119	81.32	2.50	3.00	29.52	-103.63	-2006.41	-5.32	373.25	-133.15
36120	82.47	2.50	3.00	-4.33	-109.90	-1943.02	0.67	469.46	-109.30
36121	83.62	2.50	3.00	-44.51	-117.99	-1867.09	3.46	554.69	-79.89
36122	84.77	2.50	3.00	-89.21	-127.79	-1782.85	2.77	626.86	-46.52
36123	85.92	2.50	3.00	-136.15	-139.12	-1695.52	-1.26	684.42	-10.85
36124	87.06	2.50	3.00	-182.55	-151.67	-1611.14	-8.17	726.59	25.47
36125	88.21	2.50	3.00	-225.30	-165.04	-1536.40	-17.11	753.43	60.93
36126	89.36	2.50	3.00	-261.02	-178.66	-1478.32	-26.94	765.75	94.26
36127	90.51	2.50	3.00	-286.00	-191.78	-1444.03	-36.22	764.69	124.30
36128	91.66	2.50	3.00	-296.06	-203.43	-1440.38	-43.23	750.88	149.97
36129	92.81	2.50	3.00	-286.42	-212.28	-1473.25	-46.02	722.96	169.81
36130	93.96	2.50	3.00	-252.51	-216.20	-1542.60	-42.82	674.33	181.37
36131	95.11	2.50	3.00	-200.78	-214.38	-1640.13	-33.66	598.72	181.68
36132	96.25	2.50	3.00	-135.71	-203.99	-1744.03	-19.28	492.23	167.79
36133	79.02	3.10	3.00	76.31	-98.47	-2197.30	-26.64	161.67	-103.70
36134	80.16	3.10	3.00	58.50	-101.32	-2167.41	-17.87	276.93	-95.34
36135	81.31	3.10	3.00	31.52	-106.35	-2118.08	-10.75	385.92	-79.72

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]
36136	82.45	3.10	3.00	-3.52	-113.51	-2051.96	-6.10	485.85	-57.73
36137	83.59	3.10	3.00	-45.14	-122.69	-1972.63	-4.45	574.18	-30.67
36138	84.74	3.10	3.00	-91.40	-133.71	-1884.65	-5.98	648.74	-0.05
36139	85.88	3.10	3.00	-139.86	-146.29	-1793.59	-10.53	708.00	32.53
36140	87.02	3.10	3.00	-187.62	-160.04	-1705.82	-17.55	751.21	65.52
36141	88.16	3.10	3.00	-231.46	-174.45	-1628.28	-26.17	778.56	97.52
36142	89.31	3.10	3.00	-267.91	-188.85	-1568.22	-35.22	790.96	127.35
36143	90.45	3.10	3.00	-293.25	-202.41	-1532.89	-43.23	789.65	153.96
36144	91.59	3.10	3.00	-303.26	-214.05	-1529.18	-48.47	775.30	176.24
36145	92.74	3.10	3.00	-293.20	-222.37	-1562.87	-49.02	746.51	192.69
36146	93.88	3.10	3.00	-258.68	-225.18	-1633.42	-43.17	696.59	200.60
36147	95.02	3.10	3.00	-206.63	-221.87	-1732.02	-31.55	619.49	196.90
36148	96.17	3.10	3.00	-141.42	-209.67	-1836.51	-14.79	511.26	178.64
36149	77.88	2.50	4.00	92.38	-77.84	-2289.69	-40.52	48.65	-174.98
36150	77.89	3.10	4.00	97.72	-74.16	-2417.74	-41.33	47.36	-114.30
36151	76.75	2.50	4.00	90.39	-78.75	-2277.51	-55.86	-75.88	-166.39
36152	76.76	3.10	4.00	94.70	-75.61	-2403.08	-54.94	-82.40	-105.90
36153	75.62	2.50	4.00	77.48	-81.40	-2240.68	-69.41	-198.20	-149.00
36154	75.63	3.10	4.00	80.13	-79.20	-2362.26	-66.77	-209.37	-89.31
36155	74.49	2.50	4.00	53.12	-86.03	-2179.35	-80.17	-314.44	-124.23
36156	74.51	3.10	4.00	53.63	-85.12	-2295.76	-75.85	-329.48	-65.95
36157	73.35	2.50	4.00	17.49	-92.92	-2095.10	-87.53	-420.34	-93.94
36158	73.38	3.10	4.00	15.51	-93.57	-2205.53	-81.63	-438.32	-37.72
36159	72.22	2.50	4.00	-28.31	-102.40	-1991.28	-91.32	-511.59	-60.36
36160	72.25	3.10	4.00	-32.97	-104.80	-2095.33	-83.99	-531.56	-6.78
36161	71.09	2.50	4.00	-82.05	-114.78	-1873.13	-91.94	-584.47	-25.80
36162	71.12	3.10	4.00	-89.51	-119.04	-1970.78	-83.34	-605.52	24.58
36163	69.95	2.50	4.00	-140.64	-130.47	-1747.51	-90.37	-636.31	7.42
36164	70.00	3.10	4.00	-150.96	-136.64	-1839.07	-80.61	-657.67	54.19
36165	68.82	2.50	4.00	-200.38	-149.94	-1622.38	-88.29	-665.94	37.12
36166	68.87	3.10	4.00	-213.62	-158.09	-1708.37	-77.31	-687.00	80.02
36167	67.69	2.50	4.00	-257.53	-173.73	-1506.15	-88.25	-673.67	61.31
36168	67.74	3.10	4.00	-273.75	-184.11	-1587.21	-75.74	-693.99	100.21
36169	66.56	2.50	4.00	-308.85	-202.11	-1407.17	-94.13	-660.97	78.02
36170	66.62	3.10	4.00	-327.95	-215.33	-1483.95	-79.53	-680.26	112.95
36171	65.42	2.50	4.00	-352.80	-234.36	-1333.25	-111.69	-629.84	85.04
36172	65.49	3.10	4.00	-374.37	-251.42	-1406.42	-94.49	-647.94	116.12
36173	64.29	2.50	4.00	-391.80	-267.59	-1291.92	-149.16	-582.16	79.23
36174	64.36	3.10	4.00	-415.28	-289.38	-1362.05	-129.75	-598.90	106.37
36175	63.16	2.50	4.00	-436.22	-295.12	-1288.52	-218.87	-518.42	55.04
36176	63.23	3.10	4.00	-461.97	-320.76	-1355.97	-199.26	-533.85	77.00
36177	62.02	2.50	4.00	-516.38	-308.41	-1352.57	-347.80	-445.20	0.75
36178	62.11	3.10	4.00	-545.05	-335.54	-1418.27	-333.57	-460.29	11.44
36179	60.89	2.50	4.00	-737.62	-254.83	-1284.72	-608.98	-481.30	-89.79
36180	60.98	3.10	4.00	-766.66	-278.58	-1327.14	-602.01	-488.96	-103.11
36181	77.88	2.50	3.00	81.33	-95.96	-2092.64	-35.41	43.72	-160.35
36182	77.88	3.10	3.00	84.08	-97.87	-2205.90	-36.08	43.09	-104.38
36183	76.73	2.50	3.00	79.27	-97.24	-2080.85	-46.19	-70.67	-153.25
36184	76.74	3.10	3.00	81.15	-99.59	-2192.11	-45.19	-75.64	-97.49
36185	75.58	2.50	3.00	66.62	-100.60	-2047.60	-55.66	-182.20	-138.70
36186	75.59	3.10	3.00	67.11	-103.72	-2155.72	-53.01	-191.06	-83.72
36187	74.43	2.50	3.00	43.29	-106.19	-1993.50	-63.06	-287.34	-117.86
36188	74.45	3.10	3.00	41.97	-110.37	-2097.56	-58.82	-299.46	-64.20
36189	73.28	2.50	3.00	9.79	-114.20	-1920.42	-67.94	-382.38	-92.26
36190	73.31	3.10	3.00	6.35	-119.67	-2019.82	-62.24	-397.03	-40.46
36191	72.13	2.50	3.00	-32.58	-124.86	-1831.73	-70.27	-463.80	-63.65
36192	72.16	3.10	3.00	-38.35	-131.79	-1926.15	-63.24	-480.18	-14.20
36193	70.98	2.50	3.00	-81.69	-138.45	-1732.21	-70.52	-528.57	-33.91
36194	71.02	3.10	3.00	-89.95	-146.96	-1821.65	-62.29	-545.96	12.78
36195	69.84	2.50	3.00	-134.66	-155.30	-1627.95	-69.74	-574.66	-4.83
36196	69.88	3.10	3.00	-145.52	-165.49	-1712.63	-60.33	-592.36	38.77
36197	68.69	2.50	3.00	-188.01	-175.86	-1525.94	-69.69	-601.16	21.97
36198	68.74	3.10	3.00	-201.58	-187.88	-1606.24	-58.97	-618.61	62.25
36199	67.54	2.50	3.00	-237.85	-200.47	-1433.73	-73.24	-608.40	45.19
36200	67.59	3.10	3.00	-254.13	-214.71	-1510.15	-60.84	-625.10	81.97
36201	66.39	2.50	3.00	-280.10	-228.90	-1359.15	-84.81	-597.64	64.02
36202	66.45	3.10	3.00	-298.82	-246.08	-1432.24	-70.24	-613.19	97.17
36203	65.24	2.50	3.00	-310.67	-259.21	-1310.40	-111.09	-570.54	78.49
36204	65.31	3.10	3.00	-331.18	-280.24	-1380.76	-94.29	-584.69	107.81
36205	64.09	2.50	3.00	-325.30	-286.17	-1295.58	-161.46	-528.30	90.22
36206	64.16	3.10	3.00	-347.17	-310.49	-1363.64	-143.71	-540.94	115.52
36207	62.94	2.50	3.00	-319.23	-296.40	-1324.46	-249.33	-473.50	106.35
36208	63.02	3.10	3.00	-344.12	-323.04	-1390.30	-235.70	-484.78	124.68
36209	61.79	2.50	3.00	-287.54	-271.72	-1359.01	-395.25	-426.56	156.20
36210	61.88	3.10	3.00	-325.40	-278.57	-1422.84	-396.49	-444.96	168.29
36211	60.65	2.50	3.00	-235.29	-132.70	-1207.00	-633.73	-428.26	292.17
36212	60.74	3.10	3.00	-366.26	-140.08	-1200.96	-682.66	-442.97	211.88
36213	95.75	3.97	4.00	-142.25	-178.61	-1863.21	-14.69	504.98	194.15
36214	95.47	5.09	4.00	-154.30	-184.21	-2040.30	-9.03	541.44	215.93
36215	95.12	6.19	4.00	-167.38	-187.54	-2219.57	-4.37	577.06	241.78
36216	94.71	7.27	4.00	-181.09	-188.83	-2400.21	-1.26	611.91	272.03
36217	94.63	3.96	4.00	-195.12	-188.42	-1786.87	-25.31	612.88	220.28
36218	94.37	5.08	4.00	-205.60	-196.60	-1966.71	-22.86	648.72	250.00
36219	94.05	6.19	4.00	-215.67	-202.46	-2150.96	-21.08	682.24	283.39
36220	93.66	7.27	4.00	-224.95	-206.05	-2339.43	-20.07	712.64	320.37
36221	93.52	3.96	4.00	-241.52	-193.72	-1724.77	-33.99	702.32	234.72
36222	93.27	5.08	4.00	-250.72	-204.55	-1906.09	-35.92	738.48	272.92
36223	92.97	6.18	4.00	-258.14	-213.59	-2093.76	-38.05	770.52	314.85
36224	92.61	7.27	4.00	-263.51	-220.77	-2287.74	-40.50	797.63	360.42
36225	92.40	3.96	4.00	-272.64	-193.39	-1687.90	-38.72	771.14	238.53
36226	92.18	5.08	4.00	-280.98	-206.74	-1869.72	-45.40	808.11	285.69
36227	91.90	6.18	4.00	-286.47	-219.11	-2058.96	-52.10	839.41	336.96
36228	91.56	7.26	4.00	-288.95	-230.16	-2255.70	-58.60	864.23	391.97
36229	91.28	3.96	4.00	-285.55	-188.16	-1683.82	-38.96	820.75	233.13
36230	91.08	5.08	4.00	-293.46	-203.50	-1865.65	-50.33	858.57	289.58
36231	90.82	6.18	4.00	-297.85	-218.94	-2054.88	-61.70	889.37	350.67
36232	90.51	7.26	4.00	-298.59	-234.02	-2251.77	-72.51	912.30	415.64
36233	90.17	3.96	4.00	-279.88	-178.95	-1713.79	-35.20	852.54	220.07
36234	89.98	5.08	4.00	-287.43	-195.54	-1895.78	-50.70	890.92	286.08

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]
36235	89.74	6.18	4.00	-291.22	-213.53	-2084.03	-66.36	921.03	357.34
36236	89.46	7.26	4.00	-291.12	-232.39	-2279.01	-81.30	941.92	432.66
36237	89.05	3.96	4.00	-258.08	-166.97	-1774.70	-28.70	866.95	200.77
36238	88.88	5.07	4.00	-265.06	-184.04	-1957.52	-47.50	905.47	276.58
36239	88.67	6.17	4.00	-268.42	-203.92	-2144.48	-66.73	934.57	358.36
36240	88.42	7.26	4.00	-268.06	-226.11	-2336.19	-85.23	953.26	444.46
36241	87.94	3.96	4.00	-223.39	-153.33	-1860.68	-20.90	863.11	176.45
36242	87.78	5.07	4.00	-229.45	-170.16	-2045.27	-42.02	901.28	262.22
36243	87.59	6.17	4.00	-232.41	-191.27	-2231.09	-63.89	929.10	354.79
36244	87.37	7.26	4.00	-232.14	-216.28	-2418.75	-85.17	945.57	452.00
36245	86.82	3.96	4.00	-179.52	-139.02	-1964.52	-13.24	839.81	148.35
36246	86.69	5.07	4.00	-184.27	-154.99	-2151.87	-35.61	877.04	244.04
36247	86.52	6.17	4.00	-186.66	-176.71	-2336.97	-59.06	903.35	347.49
36248	86.32	7.26	4.00	-186.65	-203.97	-2520.31	-82.12	917.70	455.95
36249	85.70	3.96	4.00	-130.28	-124.88	-2078.33	-6.99	796.29	117.87
36250	85.59	5.07	4.00	-133.32	-139.52	-2269.35	-29.51	831.86	223.16
36251	85.44	6.17	4.00	-134.99	-161.31	-2454.28	-53.40	856.38	337.31
36252	85.27	7.26	4.00	-135.30	-190.27	-2633.40	-77.14	868.78	456.95
36253	84.59	3.96	4.00	-79.50	-111.63	-2194.17	-3.20	732.65	86.63
36254	84.49	5.06	4.00	-80.51	-124.64	-2389.51	-24.80	765.66	200.92
36255	84.37	6.16	4.00	-81.23	-146.07	-2574.82	-47.95	788.03	325.25
36256	84.22	7.26	4.00	-81.77	-176.24	-2750.11	-71.16	798.68	455.63
36257	83.47	3.95	4.00	-30.63	-99.85	-2304.61	-2.55	650.07	56.46
36258	83.39	5.06	4.00	-29.45	-111.09	-2504.49	-22.25	679.50	178.84
36259	83.29	6.16	4.00	-29.06	-131.90	-2690.62	-43.53	699.22	312.45
36260	83.17	7.26	4.00	-29.71	-162.89	-2862.61	-65.03	708.20	452.77
36261	82.36	3.95	4.00	13.38	-89.95	-2403.14	-5.35	550.67	29.27
36262	82.29	5.06	4.00	16.69	-99.50	-2607.27	-22.28	575.41	158.55
36263	82.21	6.16	4.00	18.23	-119.58	-2794.35	-40.67	591.88	300.20
36264	82.12	7.25	4.00	17.58	-151.10	-2963.59	-59.33	599.19	449.23
36265	81.24	3.95	4.00	50.28	-82.22	-2484.45	-11.46	437.28	6.93
36266	81.20	5.06	4.00	55.38	-90.35	-2691.94	-24.93	456.26	141.67
36267	81.14	6.16	4.00	57.90	-109.76	-2879.75	-39.56	468.87	289.80
36268	81.07	7.25	4.00	57.27	-141.63	-3046.71	-54.39	474.39	445.92
36269	80.12	3.95	4.00	78.42	-76.82	-2544.47	-20.29	313.09	-8.98
36270	80.10	5.05	4.00	84.69	-83.97	-2753.90	-29.80	325.46	129.63
36271	80.06	6.15	4.00	87.81	-102.93	-2941.82	-40.00	333.67	282.40
36272	80.02	7.25	4.00	87.11	-135.07	-3106.78	-50.25	337.30	443.67
36273	79.01	3.95	4.00	96.62	-73.87	-2580.25	-30.94	181.43	-17.33
36274	79.00	5.05	4.00	103.20	-80.60	-2789.74	-36.16	186.71	123.45
36275	78.99	6.15	4.00	106.37	-99.42	-2976.86	-41.50	190.24	278.83
36276	78.97	7.25	4.00	105.38	-131.83	-3139.97	-46.66	191.96	443.06
36277	96.00	3.96	3.00	-150.44	-217.30	-1971.79	-8.47	539.08	196.99
36278	95.72	5.09	3.00	-162.94	-224.27	-2150.21	-0.62	575.02	223.12
36279	95.38	6.19	3.00	-176.59	-228.69	-2330.31	6.54	609.26	253.23
36280	94.97	7.27	3.00	-190.98	-230.77	-2511.22	12.57	641.86	287.39
36281	94.86	3.96	3.00	-215.16	-231.34	-1867.63	-28.30	648.39	221.04
36282	94.61	5.08	3.00	-226.15	-242.14	-2048.40	-23.90	684.35	255.95
36283	94.29	6.19	3.00	-236.84	-250.31	-2233.06	-19.73	717.22	294.65
36284	93.91	7.27	3.00	-246.90	-255.87	-2421.35	-15.89	746.07	336.82
36285	93.73	3.96	3.00	-266.86	-237.20	-1768.36	-43.58	726.93	230.77
36286	93.49	5.08	3.00	-276.39	-251.67	-1949.73	-43.72	763.76	274.02
36287	93.20	6.18	3.00	-284.16	-264.07	-2137.38	-43.48	796.05	321.43
36288	92.84	7.26	3.00	-289.95	-274.23	-2331.25	-42.93	822.88	372.76
36289	92.60	3.96	3.00	-301.72	-236.48	-1696.41	-53.32	778.17	228.44
36290	92.38	5.08	3.00	-310.96	-254.54	-1876.74	-58.63	816.02	279.63
36291	92.10	6.18	3.00	-317.46	-271.48	-2064.76	-63.38	848.41	335.66
36292	91.78	7.26	3.00	-321.10	-286.85	-2260.65	-67.31	874.47	396.17
36293	91.47	3.96	3.00	-312.12	-229.51	-1661.32	-56.21	807.72	217.23
36294	91.26	5.08	3.00	-321.49	-250.27	-1839.71	-66.30	845.91	275.92
36295	91.01	6.18	3.00	-327.70	-271.10	-2025.96	-75.90	877.85	340.09
36296	90.71	7.26	3.00	-330.68	-291.44	-2220.52	-84.43	902.71	409.17
36297	90.34	3.96	3.00	-302.15	-218.47	-1664.35	-53.74	822.33	200.20
36298	90.15	5.07	3.00	-311.53	-240.98	-1841.00	-67.83	860.20	266.38
36299	89.92	6.18	3.00	-317.74	-264.84	-2024.60	-81.62	890.97	338.58
36300	89.64	7.26	3.00	-320.73	-289.50	-2215.81	-94.29	913.82	416.00
36301	89.20	3.96	3.00	-276.43	-204.87	-1700.03	-47.80	823.52	178.99
36302	89.04	5.07	3.00	-285.49	-228.26	-1875.69	-64.94	860.55	252.85
36303	88.83	6.17	3.00	-291.70	-254.36	-2056.51	-82.07	889.65	333.28
36304	88.58	7.26	3.00	-295.00	-282.64	-2243.32	-98.14	910.01	419.16
36305	88.07	3.96	3.00	-239.16	-189.91	-1761.52	-40.10	810.60	154.67
36306	87.92	5.07	3.00	-247.53	-213.47	-1937.12	-59.32	846.37	236.42
36307	87.73	6.17	3.00	-253.60	-241.09	-2115.44	-78.83	873.50	325.33
36308	87.51	7.26	3.00	-257.34	-272.36	-2297.36	-97.43	891.21	419.88
36309	86.94	3.96	3.00	-194.11	-174.54	-1841.44	-32.11	782.25	128.18
36310	86.81	5.07	3.00	-201.43	-197.70	-2017.92	-52.42	816.33	217.91
36311	86.64	6.17	3.00	-207.19	-226.24	-2194.21	-73.30	841.31	315.44
36312	86.45	7.26	3.00	-211.43	-259.89	-2371.15	-93.50	856.43	418.81
36313	85.81	3.96	3.00	-144.84	-159.55	-1932.36	-25.02	737.43	100.56
36314	85.69	5.07	3.00	-150.79	-181.88	-2110.54	-45.45	769.33	198.13
36315	85.55	6.17	3.00	-156.07	-210.84	-2285.32	-66.68	792.01	304.21
36316	85.38	7.26	3.00	-160.80	-246.34	-2457.45	-87.43	804.74	416.39
36317	84.68	3.96	3.00	-94.65	-145.58	-2027.03	-19.77	675.89	73.01
36318	84.58	5.06	3.00	-99.01	-166.81	-2207.48	-39.36	704.99	178.02
36319	84.46	6.16	3.00	-103.67	-195.82	-2381.27	-59.92	725.19	292.32
36320	84.31	7.26	3.00	-108.84	-232.72	-2548.98	-80.18	735.78	413.00
36321	83.54	3.95	3.00	-46.59	-133.16	-2118.72	-16.96	598.24	46.91
36322	83.46	5.06	3.00	-49.27	-153.17	-2301.69	-34.84	623.84	158.68
36323	83.37	6.16	3.00	-53.22	-181.97	-2474.89	-53.73	641.31	280.54
36324	83.25	7.25	3.00	-58.73	-219.90	-2638.68	-72.50	649.98	409.13
36325	82.41	3.95	3.00	-3.29	-122.70	-2201.46	-16.85	506.03	23.71
36326	82.35	5.06	3.00	-4.37	-141.51	-2386.81	-32.25	527.38	141.29
36327	82.27	6.16	3.00	-7.61	-170.00	-2559.63	-48.60	541.80	269.75
36328	82.18	7.25	3.00	-13.39	-208.68	-2720.05	-64.91	548.70	405.29
36329	81.28	3.95	3.00	33.12	-114.48	-2270.26	-19.35	401.47	4.80
36330	81.24	5.06	3.00	33.34	-132.30	-2457.42	-31.64	417.87	127.04
36331	81.18	6.16	3.00	30.69	-160.47	-2629.84	-44.69	428.90	260.83
36332	81.12	7.25	3.00	24.66	-199.70	-2787.43	-57.72	434.14	402.07
36333	80.15	3.95	3.00	60.99	-108.72	-2321.18	-24.02	287.28	-8.61



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]
36334	80.12	5.05	3.00	62.02	-125.85	-2509.19	-32.73	298.17	116.95
36335	80.09	6.15	3.00	59.67	-153.81	-2680.94	-41.91	305.56	254.58
36336	80.05	7.25	3.00	53.37	-193.47	-2836.16	-51.03	309.20	399.97
36337	79.02	3.95	3.00	79.05	-105.56	-2351.29	-30.17	166.49	-15.68
36338	79.01	5.05	3.00	80.25	-122.40	-2538.90	-35.00	171.59	111.76
36339	79.00	6.15	3.00	77.83	-150.34	-2709.53	-39.94	175.21	251.57
36340	78.98	7.25	3.00	71.16	-190.34	-2862.81	-44.72	177.35	399.37
36341	77.89	3.95	4.00	103.94	-73.44	-2589.88	-42.25	45.62	-17.46
36342	77.90	5.05	4.00	109.89	-80.39	-2797.63	-43.03	43.84	123.93
36343	77.91	6.15	4.00	112.45	-99.47	-2982.87	-43.36	42.83	279.85
36344	77.93	7.25	4.00	110.90	-132.20	-3144.03	-43.25	42.90	444.51
36345	76.78	3.95	4.00	99.56	-75.60	-2572.11	-52.96	-90.52	-9.52
36346	76.80	5.05	4.00	103.95	-83.41	-2776.38	-49.36	-98.95	130.91
36347	76.84	6.15	4.00	105.30	-103.14	-2958.80	-44.77	-104.15	285.27
36348	76.88	7.25	4.00	103.02	-136.19	-3118.02	-39.55	-105.47	447.83
36349	75.66	3.95	4.00	82.86	-80.44	-2526.44	-61.97	-223.13	5.54
36350	75.70	5.06	4.00	84.93	-89.63	-2725.60	-54.20	-237.33	143.26
36351	75.76	6.16	4.00	84.65	-110.30	-2904.56	-45.07	-246.00	294.02
36352	75.83	7.25	4.00	81.60	-143.63	-3062.37	-35.21	-248.25	452.27
36353	74.54	3.95	4.00	53.67	-88.02	-2453.76	-68.41	-347.84	26.29
36354	74.61	5.06	4.00	52.88	-99.00	-2646.73	-56.91	-366.67	159.65
36355	74.69	6.16	4.00	50.79	-120.76	-2822.08	-43.86	-377.98	304.93
36356	74.78	7.25	4.00	47.19	-154.21	-2979.30	-30.11	-380.73	456.95
36357	73.43	3.95	4.00	12.49	-98.43	-2356.56	-71.83	-460.14	50.90
36358	73.51	5.06	4.00	8.57	-111.39	-2542.87	-57.19	-482.37	178.38
36359	73.61	6.16	4.00	4.71	-134.19	-2714.94	-41.07	-495.53	316.59
36360	73.73	7.26	4.00	0.92	-167.49	-2872.70	-24.46	-498.52	460.78
36361	72.31	3.96	4.00	-39.26	-111.72	-2239.16	-72.20	-555.69	77.28
36362	72.41	5.06	4.00	-46.43	-126.62	-2418.92	-55.17	-580.20	197.63
36363	72.53	6.16	4.00	-51.89	-150.18	-2588.41	-37.03	-594.64	327.51
36364	72.68	7.26	4.00	-55.38	-182.89	-2747.98	-18.77	-597.89	462.68
36365	71.20	3.96	4.00	-99.21	-127.98	-2107.61	-69.95	-630.96	103.33
36366	71.31	5.07	4.00	-109.75	-144.51	-2281.38	-51.35	-656.86	215.58
36367	71.46	6.17	4.00	-116.73	-168.29	-2449.23	-32.35	-672.26	336.24
36368	71.63	7.26	4.00	-119.50	-199.76	-2611.82	-13.81	-676.07	461.67
36369	70.08	3.96	4.00	-164.32	-147.41	-1969.42	-65.92	-683.62	127.07
36370	70.21	5.07	4.00	-178.60	-164.99	-2138.01	-46.49	-710.31	230.60
36371	70.38	6.17	4.00	-187.29	-188.11	-2305.14	-27.84	-726.65	341.59
36372	70.58	7.26	4.00	-189.11	-217.44	-2471.72	-10.52	-731.58	456.93
36373	68.96	3.96	4.00	-231.08	-170.47	-1832.94	-61.34	-712.89	146.74
36374	69.12	5.07	4.00	-250.00	-188.30	-1997.17	-41.49	-740.03	241.30
36375	69.31	6.17	4.00	-261.31	-209.50	-2164.32	-24.26	-757.53	342.54
36376	69.53	7.26	4.00	-262.45	-235.39	-2335.45	-9.83	-764.26	447.84
36377	67.85	3.96	4.00	-296.08	-198.04	-1706.71	-57.97	-719.45	160.72
36378	68.02	5.07	4.00	-321.38	-215.29	-1867.26	-37.34	-746.96	246.45
36379	68.23	6.17	4.00	-337.32	-232.87	-2034.75	-22.18	-765.97	338.22
36380	68.48	7.26	4.00	-338.83	-253.42	-2210.44	-12.43	-775.25	433.84
36381	66.73	3.96	4.00	-356.00	-231.44	-1599.03	-58.67	-705.11	167.43
36382	66.92	5.08	4.00	-390.46	-247.92	-1756.20	-35.35	-733.07	244.77
36383	67.16	6.18	4.00	-415.17	-259.84	-1923.73	-21.64	-754.12	327.71
36384	67.44	7.26	4.00	-419.92	-272.12	-2103.22	-18.49	-766.76	414.30
36385	65.62	3.96	4.00	-408.53	-271.76	-1517.58	-68.69	-672.13	164.91
36386	65.82	5.08	4.00	-455.37	-289.69	-1671.31	-38.36	-700.77	234.54
36387	66.08	6.18	4.00	-496.05	-294.77	-1837.73	-22.18	-724.55	309.59
36388	66.39	7.26	4.00	-511.02	-293.88	-2019.16	-26.64	-741.56	388.12
36389	64.50	3.96	4.00	-454.38	-317.39	-1469.53	-97.82	-622.09	149.79
36390	64.72	5.08	4.00	-515.08	-343.94	-1619.54	-54.31	-651.64	212.80
36391	65.00	6.18	4.00	-581.50	-346.90	-1783.24	-25.09	-679.33	281.00
36392	65.34	7.26	4.00	-622.31	-327.28	-1963.19	-32.36	-702.52	352.84
36393	63.38	3.96	4.00	-503.52	-360.38	-1460.48	-163.02	-554.51	114.43
36394	63.63	5.08	4.00	-574.40	-406.77	-1607.24	-101.53	-583.66	173.14
36395	63.93	6.18	4.00	-673.87	-425.07	-1767.98	-42.38	-618.70	237.78
36396	64.29	7.27	4.00	-767.21	-395.78	-1944.52	-32.39	-652.41	301.30
36397	62.27	3.96	4.00	-582.00	-386.45	-1511.37	-295.96	-469.21	38.19
36398	62.53	5.08	4.00	-656.74	-460.05	-1647.62	-212.13	-488.83	99.49
36399	62.85	6.19	4.00	-788.78	-511.94	-1809.44	-110.13	-537.89	173.99
36400	63.24	7.27	4.00	-966.28	-514.93	-1990.26	-49.44	-605.75	232.84
36401	61.15	3.97	4.00	-817.20	-353.08	-1364.94	-546.26	-474.56	-89.44
36402	61.43	5.09	4.00	-910.42	-455.47	-1452.00	-417.34	-477.72	5.96
36403	61.78	6.19	4.00	-1076.22	-539.62	-1615.40	-244.95	-552.50	131.12
36404	62.19	7.27	4.00	-1343.93	-578.81	-1817.94	-110.70	-690.71	214.79
36405	77.88	3.95	3.00	86.40	-105.09	-2358.76	-36.91	42.29	-15.91
36406	77.89	5.05	3.00	87.04	-122.13	-2544.81	-37.73	41.66	112.07
36407	77.90	6.15	3.00	84.10	-150.30	-2713.79	-38.29	41.69	252.36
36408	77.92	7.25	3.00	76.97	-190.54	-2865.37	-38.61	42.58	400.55
36409	76.75	3.95	3.00	82.34	-107.40	-2342.54	-43.30	-81.69	-9.44
36410	76.78	5.05	3.00	81.73	-125.10	-2525.93	-40.17	-87.71	117.74
36411	76.81	6.15	3.00	77.87	-153.73	-2692.81	-36.44	-91.03	256.80
36412	76.85	7.25	3.00	70.25	-194.13	-2843.03	-32.40	-91.22	403.37
36413	75.62	3.95	3.00	66.57	-112.51	-2302.43	-48.50	-201.77	2.96
36414	75.66	5.06	3.00	64.10	-131.27	-2482.09	-41.63	-212.55	127.86
36415	75.72	6.16	3.00	59.04	-160.51	-2646.65	-33.93	-218.73	264.03
36416	75.78	7.25	3.00	50.99	-200.93	-2796.22	-25.94	-219.73	407.23
36417	74.49	3.95	3.00	39.21	-120.46	-2239.62	-51.89	-314.06	20.18
36418	74.55	5.06	3.00	34.45	-140.55	-2414.84	-41.66	-328.76	141.42
36419	74.63	6.16	3.00	28.04	-170.47	-2577.16	-30.53	-337.27	273.19
36420	74.72	7.25	3.00	19.75	-210.74	-2726.96	-19.21	-338.89	411.53
36421	73.36	3.95	3.00	1.02	-131.30	-2156.66	-53.14	-414.62	40.78
36422	73.44	5.06	3.00	-6.32	-152.83	-2327.16	-40.08	-432.37	157.16
36423	73.53	6.16	3.00	-14.10	-183.34	-2487.62	-26.25	-442.72	283.27
36424	73.65	7.25	3.00	-22.34	-223.17	-2638.69	-12.45	-444.95	415.51
36425	72.22	3.96	3.00	-46.52	-145.05	-2057.58	-52.30	-499.89	63.16
36426	72.32	5.06	3.00	-56.67	-167.98	-2223.50	-37.06	-519.87	173.68
36427	72.44	6.16	3.00	-65.80	-198.80	-2382.72	-21.40	-531.73	293.18
36428	72.59	7.26	3.00	-73.69	-237.77	-2536.14	-6.12	-534.74	418.45
36429	71.09	3.96	3.00	-101.21	-161.82	-1947.82	-49.80	-566.96	85.67
36430	71.21	5.07	3.00	-114.45	-185.87	-2109.60	-33.01	-588.48	189.63
36431	71.35	6.17	3.00	-125.04	-216.50	-2268.32	-16.49	-601.71	301.90
36432	71.52	7.26	3.00	-132.36	-254.01	-2425.10	-0.91	-605.92	419.70

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]
36433	69.96	3.96	3.00	-160.22	-181.86	-1833.93	-46.46	-613.96	106.79
36434	70.09	5.07	3.00	-177.13	-206.54	-1992.15	-28.64	-636.50	203.76
36435	70.26	6.17	3.00	-189.63	-236.19	-2151.10	-12.21	-651.11	308.53
36436	70.45	7.26	3.00	-196.41	-271.38	-2312.03	2.38	-657.10	418.73
36437	68.83	3.96	3.00	-220.25	-205.67	-1723.21	-43.56	-640.19	125.14
36438	68.98	5.07	3.00	-241.90	-230.36	-1878.49	-24.84	-663.31	214.98
36439	69.17	6.17	3.00	-257.48	-257.87	-2038.21	-9.26	-679.40	312.33
36440	69.39	7.26	3.00	-264.26	-289.45	-2203.74	2.91	-687.84	415.15
36441	67.70	3.96	3.00	-277.48	-234.09	-1623.32	-43.20	-646.12	139.60
36442	67.86	5.07	3.00	-305.71	-258.27	-1776.15	-22.81	-669.36	222.31
36443	68.07	6.17	3.00	-326.76	-282.11	-1936.83	-8.28	-686.94	312.54
36444	68.32	7.26	3.00	-335.15	-308.17	-2106.93	0.00	-698.41	408.49
36445	66.56	3.96	3.00	-327.41	-268.05	-1542.16	-49.06	-633.12	149.33
36446	66.75	5.07	3.00	-364.73	-292.16	-1692.80	-24.70	-655.85	224.81
36447	66.98	6.18	3.00	-395.68	-310.75	-1854.10	-9.82	-674.56	308.21
36448	67.26	7.26	3.00	-409.52	-328.29	-2027.98	-6.66	-689.37	398.01
36449	65.43	3.96	3.00	-364.56	-307.01	-1487.88	-68.29	-603.04	154.14
36450	65.64	5.08	3.00	-412.95	-334.42	-1636.45	-35.80	-624.37	221.67
36451	65.89	6.18	3.00	-460.75	-348.11	-1797.47	-15.27	-643.05	297.81
36452	66.19	7.26	3.00	-488.95	-352.63	-1973.15	-16.34	-660.69	382.03
36453	64.30	3.96	3.00	-383.18	-344.95	-1468.81	-114.04	-557.35	155.31
36454	64.52	5.08	3.00	-440.78	-383.83	-1615.55	-69.64	-576.45	213.65
36455	64.80	6.18	3.00	-512.22	-401.36	-1775.31	-31.83	-593.53	279.89
36456	65.12	7.26	3.00	-572.96	-390.75	-1949.73	-27.21	-611.70	356.69
36457	63.17	3.96	3.00	-378.21	-365.23	-1491.58	-208.16	-497.00	157.52
36458	63.41	5.08	3.00	-435.61	-423.67	-1636.10	-154.05	-512.72	207.18
36459	63.70	6.18	3.00	-529.28	-466.62	-1793.33	-85.75	-529.95	260.87
36460	64.06	7.26	3.00	-648.43	-463.40	-1965.06	-47.40	-547.55	318.78
36461	62.04	3.96	3.00	-351.06	-330.04	-1523.51	-390.66	-449.05	175.44
36462	62.29	5.08	3.00	-386.93	-415.53	-1656.82	-331.81	-443.34	223.33
36463	62.61	6.19	3.00	-487.73	-490.54	-1809.15	-225.01	-466.56	285.48
36464	62.99	7.27	3.00	-689.41	-544.11	-1973.10	-122.25	-509.17	307.35
36465	60.90	3.96	3.00	-323.66	-178.77	-1196.63	-745.48	-324.83	228.14
36466	61.18	5.09	3.00	-283.30	-235.27	-1269.37	-634.89	-227.03	292.43
36467	61.52	6.19	3.00	-402.10	-318.19	-1379.11	-500.68	-239.23	352.76
36468	61.93	7.27	3.00	-684.35	-452.32	-1613.22	-320.35	-379.31	429.83
36469	94.34	8.10	4.00	-191.88	-187.85	-2543.61	0.22	638.31	297.20
36470	94.04	8.70	4.00	-199.42	-187.06	-2650.63	0.66	655.31	317.66
36471	93.32	8.10	4.00	-231.42	-207.87	-2490.79	-20.00	734.23	351.88
36472	93.04	8.70	4.00	-235.57	-208.38	-2603.66	-20.92	748.02	377.29
36473	92.29	8.10	4.00	-266.34	-225.20	-2444.36	-42.76	815.64	398.75
36474	92.03	8.70	4.00	-267.51	-227.45	-2561.46	-44.82	825.98	428.52
36475	91.27	8.10	4.00	-288.99	-237.81	-2415.04	-63.46	879.53	437.59
36476	91.02	8.70	4.00	-287.81	-242.41	-2534.21	-66.93	887.59	472.31
36477	90.24	8.10	4.00	-296.87	-245.33	-2411.30	-80.31	925.20	468.87
36478	90.02	8.70	4.00	-294.25	-252.81	-2530.88	-85.54	930.57	508.34
36479	89.22	8.10	4.00	-288.58	-247.32	-2436.52	-92.05	952.29	493.84
36480	89.01	8.70	4.00	-285.12	-257.59	-2554.34	-98.99	955.09	538.85
36481	88.19	8.10	4.00	-265.38	-244.47	-2489.89	-98.56	961.15	513.98
36482	88.01	8.70	4.00	-261.87	-257.71	-2604.13	-107.11	961.76	564.69
36483	87.16	8.10	4.00	-229.83	-237.85	-2567.47	-100.60	951.12	530.02
36484	87.00	8.70	4.00	-226.83	-254.00	-2676.94	-110.57	949.58	586.36
36485	86.14	8.10	4.00	-185.08	-228.32	-2663.37	-98.99	921.19	542.58
36486	85.99	8.70	4.00	-182.97	-247.03	-2767.20	-109.88	917.92	604.68
36487	85.11	8.10	4.00	-134.65	-216.99	-2770.56	-94.60	870.66	552.13
36488	84.99	8.70	4.00	-133.63	-238.05	-2868.32	-105.89	866.18	619.87
36489	84.09	8.10	4.00	-82.06	-204.92	-2881.51	-88.32	799.44	559.04
36490	83.98	8.70	4.00	-82.27	-228.07	-2973.21	-99.48	794.34	632.21
36491	83.06	8.10	4.00	-30.90	-193.17	-2988.71	-80.99	708.28	563.79
36492	82.98	8.70	4.00	-32.32	-218.06	-3074.64	-91.38	703.16	641.98
36493	82.04	8.10	4.00	15.63	-182.63	-3085.04	-73.21	598.98	566.95
36494	81.97	8.70	4.00	13.09	-208.95	-3165.83	-82.26	594.38	649.52
36495	81.01	8.10	4.00	54.69	-174.10	-3164.27	-65.42	474.16	569.10
36496	80.96	8.70	4.00	51.19	-201.55	-3240.75	-72.58	470.55	655.22
36497	79.99	8.10	4.00	83.99	-168.25	-3221.27	-57.79	337.26	570.78
36498	79.96	8.70	4.00	79.75	-196.49	-3294.42	-62.65	335.03	659.44
36499	78.96	8.10	4.00	101.79	-165.51	-3252.21	-50.33	192.28	572.41
36500	78.95	8.70	4.00	97.07	-194.25	-3323.15	-52.61	191.69	662.42
36501	94.61	8.10	3.00	-202.48	-230.19	-2654.56	16.57	665.78	315.25
36502	94.32	8.70	3.00	-210.55	-229.54	-2761.38	19.10	680.28	337.58
36503	93.57	8.10	3.00	-254.13	-259.01	-2572.09	-13.25	765.76	372.25
36504	93.29	8.70	3.00	-259.26	-260.57	-2684.22	-12.30	777.79	400.47
36505	92.53	8.10	3.00	-293.23	-280.75	-2487.68	-42.36	840.25	415.77
36506	92.27	8.70	3.00	-294.73	-284.22	-2604.63	-42.07	849.74	448.77
36507	91.48	8.10	3.00	-322.19	-297.76	-2419.55	-69.68	890.71	446.64
36508	91.25	8.70	3.00	-322.00	-304.59	-2538.80	-71.16	899.39	485.04
36509	90.44	8.10	3.00	-331.03	-306.88	-2378.65	-90.10	917.54	466.47
36510	90.22	8.70	3.00	-330.16	-317.20	-2497.75	-93.57	924.50	509.35
36511	89.40	8.10	3.00	-321.07	-309.02	-2370.94	-103.01	926.49	479.87
36512	89.20	8.70	3.00	-320.00	-322.54	-2487.67	-108.33	931.47	527.55
36513	88.36	8.10	3.00	-295.75	-305.84	-2393.98	-109.39	920.26	489.65
36514	88.17	8.70	3.00	-295.09	-322.55	-2506.75	-116.40	923.32	541.94
36515	87.31	8.10	3.00	-258.78	-298.83	-2442.68	-110.68	898.99	496.99
36516	87.15	8.70	3.00	-258.91	-318.45	-2550.58	-119.07	899.96	553.68
36517	86.27	8.10	3.00	-213.79	-289.14	-2510.69	-108.04	861.91	502.59
36518	86.13	8.70	3.00	-214.90	-311.25	-2613.10	-117.30	861.11	563.74
36519	85.23	8.10	3.00	-164.16	-277.92	-2591.11	-102.50	808.32	506.80
36520	85.10	8.70	3.00	-166.41	-302.27	-2687.78	-112.15	806.15	572.31
36521	84.18	8.10	3.00	-113.21	-266.26	-2676.95	-94.99	737.91	509.82
36522	84.08	8.70	3.00	-116.65	-292.53	-2767.94	-104.52	734.90	579.51
36523	83.14	8.10	3.00	-64.06	-255.04	-2761.41	-86.27	651.15	511.89
36524	83.06	8.70	3.00	-68.68	-282.96	-2847.05	-95.16	647.83	585.44
36525	82.10	8.10	3.00	-19.58	-245.10	-2838.16	-76.91	549.33	513.30
36526	82.03	8.70	3.00	-25.28	-274.35	-2919.03	-84.67	546.22	590.22
36527	81.06	8.10	3.00	17.73	-237.11	-2901.66	-67.31	434.58	514.36
36528	81.01	8.70	3.00	11.10	-267.39	-2978.53	-73.51	432.16	594.02
36529	80.01	8.10	3.00	45.83	-231.60	-2947.35	-57.70	309.74	515.37
36530	79.99	8.70	3.00	38.49	-262.63	-3021.14	-62.00	308.37	596.99
36531	78.97	8.10	3.00	63.16	-228.96	-2971.85	-48.17	178.22	516.54

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]
36532	78.96	8.70	3.00	55.38	-260.47	-3043.58	-50.34	178.17	599.22
36533	77.94	8.10	4.00	106.94	-166.15	-3254.73	-42.90	43.65	574.12
36534	77.95	8.70	4.00	101.97	-195.14	-3324.53	-42.52	44.87	664.31
36535	76.91	8.10	4.00	98.80	-170.17	-3227.98	-35.33	-103.92	575.73
36536	76.94	8.70	4.00	93.90	-199.11	-3297.71	-32.40	-100.72	664.87
36537	75.89	8.10	4.00	77.40	-177.37	-3172.70	-27.51	-245.74	576.74
36538	75.94	8.70	4.00	72.96	-205.91	-3243.69	-22.28	-240.62	663.65
36539	74.86	8.10	4.00	43.38	-187.44	-3091.29	-19.56	-377.23	576.51
36540	74.93	8.70	4.00	39.85	-215.22	-3164.93	-12.45	-370.40	660.17
36541	73.84	8.10	4.00	-1.98	-199.83	-2987.70	-11.86	-494.18	574.25
36542	73.92	8.70	4.00	-4.11	-226.49	-3065.32	-3.43	-486.03	653.91
36543	72.81	8.10	4.00	-56.80	-213.89	-2867.27	-5.07	-593.12	569.22
36544	72.92	8.70	4.00	-57.05	-239.07	-2950.03	4.08	-584.22	644.32
36545	71.79	8.10	4.00	-118.92	-228.93	-2736.49	-0.07	-671.50	560.75
36546	71.91	8.70	4.00	-116.75	-252.21	-2825.24	9.10	-662.56	630.96
36547	70.76	8.10	4.00	-186.01	-244.15	-2602.51	2.05	-727.99	548.34
36548	70.91	8.70	4.00	-180.94	-265.19	-2697.76	10.56	-719.80	613.56
36549	69.74	8.10	4.00	-256.42	-258.79	-2472.64	0.14	-762.48	531.68
36550	69.90	8.70	4.00	-247.77	-277.33	-2574.49	7.17	-755.82	591.89
36551	68.71	8.10	4.00	-329.65	-272.34	-2353.82	-6.80	-776.00	510.34
36552	68.89	8.70	4.00	-316.37	-287.68	-2461.88	-2.45	-771.54	565.82
36553	67.68	8.10	4.00	-407.57	-284.88	-2252.02	-19.75	-770.72	483.81
36554	67.89	8.70	4.00	-388.12	-296.88	-2365.69	-19.36	-768.71	534.56
36555	66.66	8.10	4.00	-496.76	-296.58	-2171.74	-39.45	-749.50	451.29
36556	66.88	8.70	4.00	-467.95	-304.66	-2289.70	-45.92	-750.54	497.67
36557	65.63	8.10	4.00	-613.00	-310.15	-2116.50	-63.82	-715.77	410.54
36558	65.88	8.70	4.00	-568.36	-312.01	-2237.18	-84.30	-720.18	453.48
36559	64.61	8.10	4.00	-784.89	-343.59	-2092.15	-83.47	-673.34	356.29
36560	64.87	8.70	4.00	-721.78	-323.16	-2209.94	-133.80	-682.34	396.52
36561	63.58	8.10	4.00	-1062.92	-461.28	-2145.15	-101.07	-644.08	254.96
36562	63.86	8.70	4.00	-988.06	-400.53	-2255.94	-196.97	-652.65	310.80
36563	62.56	8.10	4.00	-1592.62	-587.14	-1974.69	-128.96	-793.13	192.93
36564	62.86	8.70	4.00	-1599.72	-598.23	-2159.48	-328.91	-784.00	59.34
36565	77.93	8.10	3.00	68.67	-229.38	-2973.09	-38.72	43.83	517.95
36566	77.94	8.70	3.00	60.69	-261.07	-3043.85	-38.74	45.30	600.70
36567	76.89	8.10	3.00	61.84	-232.87	-2950.32	-29.29	-89.31	519.44
36568	76.91	8.70	3.00	53.98	-264.35	-3021.28	-27.22	-86.25	601.24
36569	75.84	8.10	3.00	42.75	-239.30	-2904.22	-19.90	-217.13	520.68
36570	75.89	8.70	3.00	35.39	-270.26	-2976.56	-15.93	-212.63	600.64
36571	74.80	8.10	3.00	12.05	-248.43	-2836.85	-10.75	-335.69	521.21
36572	74.87	8.70	3.00	5.60	-278.57	-2911.79	-5.21	-329.99	598.66
36573	73.76	8.10	3.00	-29.08	-259.86	-2751.68	-2.24	-441.42	520.55
36574	73.84	8.70	3.00	-34.21	-288.87	-2830.33	4.44	-434.94	594.97
36575	72.72	8.10	3.00	-79.04	-273.06	-2653.33	5.05	-531.37	518.24
36576	72.82	8.70	3.00	-82.41	-300.62	-2736.65	12.35	-524.68	589.25
36577	71.67	8.10	3.00	-135.91	-287.42	-2547.39	10.30	-603.38	513.90
36578	71.80	8.70	3.00	-137.12	-313.22	-2636.12	17.65	-597.17	581.32
36579	70.63	8.10	3.00	-197.84	-302.33	-2440.06	12.57	-656.18	507.29
36580	70.77	8.70	3.00	-196.42	-326.00	-2534.65	19.30	-651.24	571.07
36581	69.59	8.10	3.00	-263.36	-317.06	-2337.78	10.75	-689.40	498.24
36582	69.75	8.70	3.00	-258.75	-338.29	-2438.38	16.09	-686.54	558.48
36583	68.54	8.10	3.00	-332.06	-331.13	-2246.84	3.82	-703.24	486.51
36584	68.73	8.70	3.00	-323.37	-349.15	-2353.23	6.57	-703.29	543.52
36585	67.50	8.10	3.00	-405.14	-344.53	-2173.04	-9.30	-698.23	471.51
36586	67.70	8.70	3.00	-391.23	-358.91	-2284.75	-10.56	-701.77	525.37
36587	66.46	8.10	3.00	-486.94	-357.61	-2121.46	-29.43	-674.21	452.07
36588	66.68	8.70	3.00	-466.02	-367.13	-2237.20	-37.72	-682.60	503.30
36589	65.42	8.10	3.00	-586.10	-373.99	-2097.09	-54.71	-629.04	424.28
36590	65.65	8.70	3.00	-556.34	-374.99	-2213.88	-76.96	-643.77	474.65
36591	64.37	8.10	3.00	-711.58	-417.16	-2109.04	-77.20	-564.26	378.29
36592	64.63	8.70	3.00	-684.86	-389.05	-2221.27	-126.96	-583.30	429.37
36593	63.33	8.10	3.00	-867.81	-541.66	-2116.61	-114.34	-522.91	307.53
36594	63.61	8.70	3.00	-886.57	-481.71	-2237.09	-188.97	-529.05	352.47
36595	62.29	8.10	3.00	-1066.23	-564.19	-1870.69	-227.54	-540.82	320.14
36596	62.58	8.70	3.00	-1343.24	-656.58	-2112.13	-316.78	-517.24	177.58
36597	60.89	-2.50	4.00	-511.06	-164.43	-970.31	-714.20	-346.27	-184.04
36598	60.98	-3.10	4.00	-485.94	-149.33	-921.13	-663.23	-327.81	-142.55
36599	62.02	-2.50	4.00	-361.91	-114.46	-901.64	-409.59	-323.00	-73.67
36600	62.11	-3.10	4.00	-333.37	-93.36	-843.07	-385.00	-297.87	-62.11
36601	63.16	-2.50	4.00	-288.83	-84.82	-809.21	-275.66	-378.96	-49.30
36602	63.23	-3.10	4.00	-263.04	-62.20	-755.51	-263.53	-356.86	-50.38
36603	64.29	-2.50	4.00	-240.89	-75.71	-786.05	-207.26	-422.87	-55.15
36604	64.36	-3.10	4.00	-218.09	-54.48	-729.94	-199.97	-400.50	-60.47
36605	65.42	-2.50	4.00	-201.71	-74.93	-792.84	-169.81	-450.45	-75.26
36606	65.49	-3.10	4.00	-180.61	-57.49	-732.08	-165.09	-426.05	-82.80
36607	66.56	-2.50	4.00	-163.99	-78.66	-822.17	-149.74	-462.52	-105.11
36608	66.62	-3.10	4.00	-144.82	-65.59	-755.15	-146.79	-435.81	-113.96
36609	67.69	-2.50	4.00	-126.12	-84.28	-867.08	-139.38	-459.35	-142.00
36610	67.74	-3.10	4.00	-109.55	-75.16	-792.58	-137.56	-430.74	-151.56
36611	68.82	-2.50	4.00	-88.71	-90.52	-921.22	-133.54	-441.04	-183.57
36612	68.87	-3.10	4.00	-75.36	-84.67	-838.37	-132.23	-411.37	-193.28
36613	69.95	-2.50	4.00	-53.26	-96.92	-978.51	-128.67	-408.07	-227.52
36614	70.00	-3.10	4.00	-43.49	-93.72	-886.82	-127.41	-378.41	-236.87
36615	71.09	-2.50	4.00	-21.54	-103.34	-1033.47	-122.51	-361.65	-271.55
36616	71.12	-3.10	4.00	-15.44	-102.28	-932.89	-121.02	-333.24	-280.12
36617	72.22	-2.50	4.00	4.73	-109.68	-1081.58	-113.77	-303.90	-313.40
36618	72.25	-3.10	4.00	7.29	-110.31	-972.53	-111.98	-278.00	-320.89
36619	73.35	-2.50	4.00	24.30	-115.75	-1119.62	-101.97	-237.59	-350.97
36620	73.38	-3.10	4.00	23.69	-117.68	-1002.96	-99.95	-215.38	-357.22
36621	74.49	-2.50	4.00	36.62	-121.29	-1145.88	-87.18	-165.84	-382.44
36622	74.51	-3.10	4.00	33.36	-124.19	-1022.83	-85.08	-148.33	-387.41
36623	75.62	-2.50	4.00	41.92	-126.02	-1160.07	-69.89	-91.61	-406.33
36624	75.63	-3.10	4.00	36.64	-129.57	-1032.09	-67.90	-79.56	-410.13
36625	76.75	-2.50	4.00	41.03	-129.65	-1163.01	-50.84	-17.31	-421.54
36626	76.76	-3.10	4.00	34.39	-133.61	-1031.69	-49.14	-11.24	-424.40
36627	77.88	-2.50	4.00	35.04	-131.99	-1156.10	-30.90	55.41	-427.38
36628	77.89	-3.10	4.00	27.70	-136.13	-1023.11	-29.64	55.23	-429.62
36629	60.65	-2.50	3.00	-160.92	-52.28	-869.27	-681.01	-400.97	150.41
36630	60.74	-3.10	3.00	-27.52	-29.03	-853.38	-582.12	-364.22	227.86

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]
36631	61.79	-2.50	3.00	-168.84	-56.42	-945.98	-406.39	-341.39	73.38
36632	61.88	-3.10	3.00	-121.38	-48.65	-891.57	-370.63	-309.87	78.65
36633	62.94	-2.50	3.00	-190.28	-71.62	-864.06	-276.73	-360.76	0.74
36634	63.02	-3.10	3.00	-160.55	-47.65	-813.59	-260.58	-343.27	-3.82
36635	64.09	-2.50	3.00	-188.74	-71.79	-810.75	-204.97	-399.61	-41.03
36636	64.16	-3.10	3.00	-165.40	-49.40	-757.55	-195.79	-381.78	-48.19
36637	65.24	-2.50	3.00	-170.84	-74.92	-795.78	-162.68	-424.16	-75.84
36638	65.31	-3.10	3.00	-150.32	-55.42	-738.32	-157.19	-404.55	-84.15
36639	66.39	-2.50	3.00	-143.93	-79.40	-807.15	-138.22	-434.22	-110.54
36640	66.45	-3.10	3.00	-125.52	-64.20	-744.24	-135.15	-412.33	-119.52
36641	67.54	-2.50	3.00	-112.58	-84.41	-836.77	-124.62	-430.55	-147.32
36642	67.59	-3.10	3.00	-96.71	-73.09	-767.48	-123.20	-406.74	-156.74
36643	68.69	-2.50	3.00	-79.82	-89.13	-877.61	-116.78	-413.51	-186.22
36644	68.74	-3.10	3.00	-66.97	-81.01	-801.23	-116.25	-388.54	-195.75
36645	69.84	-2.50	3.00	-47.87	-93.46	-923.61	-111.05	-383.56	-226.20
36646	69.88	-3.10	3.00	-38.31	-87.92	-839.75	-110.79	-358.41	-235.50
36647	70.98	-2.50	3.00	-18.65	-97.53	-969.58	-105.06	-341.66	-265.75
36648	71.02	-3.10	3.00	-12.43	-94.05	-878.17	-104.70	-317.42	-274.53
36649	72.13	-2.50	3.00	6.20	-101.44	-1011.23	-97.41	-289.42	-303.18
36650	72.16	-3.10	3.00	9.22	-99.63	-912.60	-96.79	-267.23	-311.19
36651	73.28	-2.50	3.00	25.43	-105.22	-1045.43	-87.46	-229.04	-336.77
36652	73.31	-3.10	3.00	25.58	-104.71	-940.26	-86.56	-209.94	-343.88
36653	74.43	-2.50	3.00	38.34	-108.74	-1070.24	-75.13	-162.99	-364.98
36654	74.45	-3.10	3.00	36.07	-109.22	-959.52	-74.03	-147.90	-371.13
36655	75.58	-2.50	3.00	44.81	-111.83	-1084.88	-60.71	-93.73	-386.46
36656	75.59	-3.10	3.00	40.68	-113.02	-969.82	-59.56	-83.38	-391.74
36657	76.73	-2.50	3.00	45.21	-114.32	-1089.52	-44.82	-23.41	-400.21
36658	76.74	-3.10	3.00	39.82	-115.95	-971.49	-43.75	-18.31	-404.77
36659	77.88	-2.50	3.00	40.19	-116.06	-1084.91	-28.20	46.32	-405.56
36660	77.88	-3.10	3.00	34.14	-117.89	-965.35	-27.32	45.88	-409.63
36661	96.01	-2.50	4.00	-95.23	-109.09	-915.96	-46.09	304.47	126.69
36662	94.88	-2.50	4.00	-136.04	-110.72	-855.07	-38.37	387.01	115.06
36663	93.74	-2.50	4.00	-169.00	-110.66	-805.47	-26.72	449.91	92.41
36664	92.61	-2.50	4.00	-188.93	-109.77	-774.03	-12.26	493.55	61.43
36665	91.48	-2.50	4.00	-195.22	-108.87	-763.39	3.66	520.44	23.53
36666	90.35	-2.50	4.00	-189.15	-108.51	-772.30	19.47	532.99	-20.06
36667	89.21	-2.50	4.00	-173.58	-109.08	-797.28	33.73	532.85	-68.08
36668	88.08	-2.50	4.00	-151.44	-110.69	-833.91	45.23	520.92	-119.06
36669	86.95	-2.50	4.00	-125.51	-113.28	-877.74	52.98	497.88	-171.33
36670	85.81	-2.50	4.00	-98.18	-116.63	-924.73	56.34	464.66	-223.03
36671	84.68	-2.50	4.00	-71.38	-120.44	-971.51	54.98	422.49	-272.25
36672	83.55	-2.50	4.00	-46.46	-124.32	-1015.59	48.97	372.85	-317.12
36673	82.42	-2.50	4.00	-24.18	-127.86	-1055.33	38.66	317.24	-355.92
36674	81.28	-2.50	4.00	-4.82	-130.67	-1089.80	24.67	256.97	-387.26
36675	80.15	-2.50	4.00	11.59	-132.43	-1118.47	7.81	192.93	-410.04
36676	79.02	-2.50	4.00	24.98	-132.91	-1140.84	-11.04	125.64	-423.54
36677	95.92	-3.10	4.00	-92.53	-100.78	-831.88	-47.69	286.82	124.14
36678	94.79	-3.10	4.00	-130.77	-102.12	-774.22	-38.90	365.02	110.16
36679	93.67	-3.10	4.00	-161.44	-102.20	-726.85	-26.40	424.18	85.59
36680	92.54	-3.10	4.00	-179.66	-101.90	-696.31	-11.39	464.62	53.27
36681	91.41	-3.10	4.00	-185.08	-101.96	-684.84	4.75	488.84	14.55
36682	90.28	-3.10	4.00	-179.07	-102.82	-691.10	20.47	499.23	-29.37
36683	89.16	-3.10	4.00	-164.39	-104.76	-711.78	34.44	497.57	-77.28
36684	88.03	-3.10	4.00	-143.85	-107.80	-742.77	45.53	484.92	-127.77
36685	86.90	-3.10	4.00	-120.05	-111.80	-780.03	52.86	462.14	-179.23
36686	85.78	-3.10	4.00	-95.17	-116.49	-819.99	55.86	430.28	-229.89
36687	84.65	-3.10	4.00	-70.91	-121.49	-859.77	54.29	390.60	-277.95
36688	83.52	-3.10	4.00	-48.40	-126.38	-897.33	48.25	344.54	-321.64
36689	82.39	-3.10	4.00	-28.22	-130.73	-931.43	38.10	293.46	-359.39
36690	81.27	-3.10	4.00	-10.52	-134.15	-961.43	24.44	238.47	-389.90
36691	80.14	-3.10	4.00	4.75	-136.33	-987.02	8.04	180.26	-412.16
36692	79.01	-3.10	4.00	17.59	-137.03	-1007.83	-10.29	119.15	-425.52
36693	96.25	-2.50	3.00	-101.39	-137.62	-1008.09	-48.18	329.46	112.08
36694	95.11	-2.50	3.00	-152.95	-137.02	-923.55	-46.41	411.89	96.70
36695	93.96	-2.50	3.00	-190.83	-133.13	-847.71	-38.57	466.82	71.95
36696	92.81	-2.50	3.00	-213.29	-128.20	-793.49	-26.49	499.45	40.30
36697	91.66	-2.50	3.00	-217.42	-122.91	-764.59	-12.34	515.19	3.45
36698	90.51	-2.50	3.00	-207.69	-118.34	-759.36	2.19	519.37	-37.64
36699	89.36	-2.50	3.00	-188.32	-114.90	-772.70	15.66	513.75	-82.00
36700	88.21	-2.50	3.00	-162.79	-112.74	-799.51	26.93	498.83	-128.48
36701	87.06	-2.50	3.00	-133.89	-111.78	-835.05	35.06	474.84	-175.73
36702	85.92	-2.50	3.00	-103.88	-111.86	-875.24	39.45	442.15	-222.25
36703	84.77	-2.50	3.00	-74.53	-112.69	-916.68	39.77	401.49	-266.42
36704	83.62	-2.50	3.00	-47.14	-113.96	-956.70	35.98	353.85	-306.66
36705	82.47	-2.50	3.00	-22.55	-115.31	-993.41	28.36	300.33	-341.48
36706	81.32	-2.50	3.00	-1.25	-116.44	-1025.47	17.40	242.00	-369.62
36707	80.17	-2.50	3.00	16.49	-117.05	-1051.95	3.78	179.76	-390.08
36708	79.02	-2.50	3.00	30.43	-116.97	-1072.06	-11.71	114.31	-402.17
36709	96.17	-3.10	3.00	-98.54	-128.23	-922.13	-50.29	310.35	108.89
36710	95.02	-3.10	3.00	-147.30	-126.86	-841.41	-47.00	388.50	91.18
36711	93.88	-3.10	3.00	-182.73	-122.86	-769.12	-38.02	440.29	64.72
36712	92.74	-3.10	3.00	-203.44	-118.40	-717.09	-25.12	470.66	31.96
36713	91.59	-3.10	3.00	-206.90	-113.97	-688.53	-10.59	484.73	-5.52
36714	90.45	-3.10	3.00	-197.39	-110.53	-681.78	3.98	487.60	-46.87
36715	89.31	-3.10	3.00	-178.99	-108.37	-692.04	17.25	481.12	-91.18
36716	88.16	-3.10	3.00	-155.01	-107.55	-714.50	28.16	465.94	-137.32
36717	87.02	-3.10	3.00	-128.09	-107.95	-744.83	35.90	442.44	-184.00
36718	85.88	-3.10	3.00	-100.32	-109.31	-779.32	39.93	411.13	-229.76
36719	84.74	-3.10	3.00	-73.29	-111.32	-814.98	39.96	372.77	-273.07
36720	83.59	-3.10	3.00	-48.10	-113.60	-849.57	36.03	328.34	-312.44
36721	82.45	-3.10	3.00	-25.46	-115.80	-881.51	28.40	278.85	-346.46
36722	81.31	-3.10	3.00	-5.72	-117.56	-909.77	17.56	225.22	-373.98
36723	80.16	-3.10	3.00	10.94	-118.62	-933.62	4.15	168.18	-394.05
36724	79.02	-3.10	3.00	24.33	-118.77	-952.41	-11.08	108.25	-406.04
36725	79.01	-3.95	4.00	7.40	-140.35	-824.42	-9.54	109.74	-419.35
36726	79.00	-5.05	4.00	-5.46	-141.07	-594.92	-9.06	97.35	-398.18
36727	78.99	-6.15	4.00	-17.61	-136.72	-376.93	-9.11	84.84	-363.30
36728	78.97	-7.25	4.00	-28.83	-126.94	-171.50	-9.63	72.38	-316.81
36729	80.12	-3.95	4.00	-4.64	-139.39	-805.61	7.77	162.46	-406.32

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]
36730	80.10	-5.05	4.00	-16.44	-139.82	-578.57	6.59	139.76	-385.75
36731	80.06	-6.15	4.00	-27.48	-135.23	-363.13	4.55	117.85	-351.73
36732	80.02	-7.25	4.00	-37.55	-125.30	-160.27	1.82	97.03	-306.36
36733	81.24	-3.95	4.00	-18.36	-136.75	-783.96	23.27	212.70	-385.00
36734	81.20	-5.06	4.00	-28.23	-136.67	-561.61	20.56	180.19	-365.96
36735	81.14	-6.16	4.00	-37.44	-131.75	-350.53	16.68	149.36	-333.79
36736	81.07	-7.25	4.00	-45.81	-121.70	-151.60	11.92	120.62	-290.60
36737	82.36	-3.95	4.00	-33.82	-132.63	-759.69	36.21	260.40	-356.00
36738	82.29	-5.06	4.00	-40.93	-131.85	-544.10	32.24	218.89	-339.31
36739	82.21	-6.16	4.00	-47.62	-126.50	-339.03	26.81	179.82	-309.92
36740	82.12	-7.25	4.00	-53.75	-116.31	-145.28	20.32	143.71	-269.87
36741	83.47	-3.95	4.00	-51.15	-127.36	-732.89	45.92	305.16	-320.18
36742	83.39	-5.06	4.00	-54.79	-125.65	-525.85	41.08	255.74	-306.53
36743	83.29	-6.16	4.00	-58.34	-119.74	-328.27	34.50	209.34	-280.71
36744	83.17	-7.26	4.00	-61.72	-109.41	-140.79	26.68	166.59	-244.62
36745	84.59	-3.96	4.00	-70.37	-121.31	-703.80	51.85	346.12	-278.70
36746	84.49	-5.06	4.00	-69.98	-118.44	-506.73	46.58	290.20	-268.58
36747	84.37	-6.16	4.00	-69.90	-111.86	-317.79	39.36	237.64	-246.90
36748	84.22	-7.26	4.00	-70.10	-101.37	-137.47	30.74	189.18	-215.41
36749	85.70	-3.96	4.00	-91.13	-114.93	-673.20	53.61	382.12	-232.94
36750	85.59	-5.07	4.00	-86.40	-110.68	-486.94	48.42	321.35	-226.58
36751	85.44	-6.17	4.00	-82.39	-103.28	-307.38	41.09	264.03	-209.40
36752	85.27	-7.26	4.00	-79.14	-92.58	-134.83	32.25	210.96	-182.90
36753	86.82	-3.96	4.00	-112.58	-108.67	-642.52	51.08	411.82	-184.47
36754	86.69	-5.07	4.00	-103.56	-102.84	-467.27	46.42	348.03	-181.84
36755	86.52	-6.17	4.00	-95.60	-94.51	-297.29	39.55	287.50	-169.22
36756	86.32	-7.26	4.00	-88.81	-83.52	-132.70	31.07	231.10	-147.86
36757	87.94	-3.96	4.00	-133.34	-102.96	-614.00	44.43	433.94	-134.91
36758	87.78	-5.07	4.00	-120.44	-95.40	-449.18	40.67	368.95	-135.74
36759	87.59	-6.17	4.00	-108.83	-86.02	-288.33	34.72	306.85	-127.47
36760	87.37	-7.26	4.00	-98.70	-74.68	-131.40	27.13	248.49	-111.10
36761	89.05	-3.96	4.00	-151.52	-98.16	-590.56	34.08	447.31	-85.88
36762	88.88	-5.07	4.00	-135.55	-88.79	-434.80	31.46	382.84	-89.63
36763	88.67	-6.17	4.00	-120.94	-78.27	-281.98	26.77	320.74	-85.27
36764	88.42	-7.26	4.00	-107.99	-66.53	-131.84	20.51	261.84	-73.49
36765	90.17	-3.96	4.00	-164.82	-94.50	-575.66	20.78	450.85	-38.87
36766	89.98	-5.08	4.00	-146.92	-83.32	-426.87	19.32	388.41	-44.83
36767	89.74	-6.18	4.00	-130.32	-71.65	-280.29	16.06	327.77	-43.68
36768	89.46	-7.26	4.00	-115.39	-59.44	-135.52	11.41	269.71	-35.89
36769	91.28	-3.96	4.00	-170.61	-92.06	-572.93	5.49	443.30	4.81
36770	91.08	-5.08	4.00	-152.27	-79.19	-428.41	5.02	384.19	-2.49
36771	90.82	-6.18	4.00	-135.03	-66.38	-285.69	3.15	326.33	-3.71
36772	90.51	-7.26	4.00	-119.28	-53.70	-144.31	0.16	270.45	0.86
36773	92.40	-3.96	4.00	-166.31	-90.69	-585.41	-10.58	422.77	44.02
36774	92.18	-5.08	4.00	-149.25	-76.36	-442.04	-10.44	368.18	36.38
36775	91.90	-6.18	4.00	-133.00	-62.53	-300.42	-11.19	314.42	33.76
36776	91.56	-7.26	4.00	-117.92	-49.35	-160.09	-12.69	262.08	36.03
36777	93.52	-3.96	4.00	-150.50	-90.11	-614.49	-25.99	386.87	77.65
36778	93.27	-5.08	4.00	-136.44	-74.72	-469.19	-25.77	338.07	70.75
36779	92.97	-6.18	4.00	-122.88	-60.07	-325.85	-25.85	289.81	67.81
36780	92.61	-7.27	4.00	-110.07	-46.39	-184.14	-26.22	242.54	68.78
36781	94.63	-3.96	4.00	-123.23	-89.68	-658.51	-39.36	333.16	104.38
36782	94.37	-5.08	4.00	-113.54	-73.83	-508.85	-39.69	291.52	99.39
36783	94.05	-6.19	4.00	-104.04	-58.70	-361.55	-39.70	250.29	97.27
36784	93.66	-7.27	4.00	-94.88	-44.66	-216.44	-39.47	209.79	98.02
36785	95.75	-3.97	4.00	-88.63	-88.84	-711.68	-49.52	261.07	121.89
36786	95.47	-5.09	4.00	-83.61	-73.18	-556.22	-50.87	227.49	119.87
36787	95.12	-6.19	4.00	-78.85	-58.09	-403.41	-51.33	194.67	119.82
36788	94.71	-7.27	4.00	-73.89	-43.77	-253.58	-51.24	162.36	121.78
36789	79.02	-3.95	3.00	15.74	-119.46	-786.73	-10.50	99.47	-403.15
36790	79.01	-5.05	3.00	4.68	-117.46	-578.48	-10.24	87.91	-387.04
36791	79.00	-6.15	3.00	-6.02	-111.23	-379.42	-10.50	76.27	-357.98
36792	78.98	-7.25	3.00	-16.09	-100.35	-190.42	-11.19	64.67	-317.79
36793	80.15	-3.95	3.00	3.14	-119.02	-769.62	4.10	151.84	-391.43
36794	80.12	-5.05	3.00	-6.87	-116.70	-563.45	3.20	130.94	-375.85
36795	80.09	-6.15	3.00	-16.44	-110.23	-366.55	1.45	110.69	-347.55
36796	80.05	-7.25	3.00	-25.36	-99.23	-179.74	-0.95	91.34	-308.35
36797	81.28	-3.95	3.00	-12.02	-117.44	-749.16	16.97	201.73	-372.13
36798	81.24	-5.06	3.00	-20.12	-114.55	-547.04	15.02	171.96	-357.85
36799	81.18	-6.16	3.00	-27.86	-107.71	-353.93	11.92	143.54	-331.14
36800	81.12	-7.25	3.00	-35.05	-96.56	-170.56	7.96	116.84	-293.81
36801	82.41	-3.95	3.00	-29.62	-114.90	-725.82	27.42	248.84	-345.83
36802	82.35	-5.06	3.00	-35.05	-111.23	-529.54	24.65	210.94	-333.51
36803	82.27	-6.16	3.00	-40.30	-103.88	-341.67	20.46	175.00	-309.16
36804	82.18	-7.25	3.00	-45.22	-92.54	-162.85	15.20	141.49	-274.51
36805	83.54	-3.95	3.00	-49.58	-111.71	-700.08	34.87	292.67	-313.35
36806	83.46	-5.06	3.00	-51.69	-107.02	-511.13	31.61	247.65	-303.53
36807	83.37	-6.16	3.00	-53.88	-99.02	-329.74	26.66	205.03	-282.18
36808	83.25	-7.25	3.00	-56.05	-87.44	-156.43	20.48	165.40	-250.87
36809	84.68	-3.96	3.00	-71.71	-108.21	-672.62	38.88	332.51	-275.73
36810	84.58	-5.06	3.00	-70.01	-102.27	-492.11	35.49	281.60	-268.80
36811	84.46	-6.16	3.00	-68.70	-93.48	-318.13	30.21	233.37	-250.89
36812	84.31	-7.26	3.00	-67.72	-81.59	-151.05	23.54	188.44	-223.44
36813	85.81	-3.96	3.00	-95.51	-104.80	-644.56	39.16	367.47	-234.21
36814	85.69	-5.07	3.00	-89.75	-97.39	-473.10	36.03	312.10	-230.33
36815	85.55	-6.17	3.00	-84.68	-87.66	-307.06	30.86	259.45	-216.13
36816	85.38	-7.26	3.00	-80.29	-75.39	-146.65	24.18	210.24	-192.83
36817	86.94	-3.96	3.00	-120.10	-101.86	-617.66	35.65	396.64	-190.15
36818	86.81	-5.07	3.00	-110.32	-92.81	-455.24	33.13	338.31	-189.26
36819	86.64	-6.17	3.00	-101.45	-82.01	-297.17	28.50	282.56	-178.80
36820	86.45	-7.26	3.00	-93.59	-69.27	-143.48	22.28	230.15	-159.74
36821	88.07	-3.96	3.00	-144.15	-99.78	-594.32	28.54	419.22	-144.94
36822	87.92	-5.07	3.00	-130.67	-88.97	-440.30	26.90	359.41	-146.80
36823	87.73	-6.17	3.00	-118.25	-76.98	-289.67	23.17	301.88	-139.87
36824	87.51	-7.26	3.00	-107.07	-63.67	-142.29	17.84	247.40	-124.91
36825	89.20	-3.96	3.00	-165.82	-98.89	-577.69	18.27	434.54	-99.92
36826	89.04	-5.07	3.00	-149.29	-86.23	-430.72	17.63	374.60	-104.10
36827	88.83	-6.17	3.00	-133.86	-72.99	-286.38	15.05	316.55	-100.32
36828	88.58	-7.26	3.00	-119.80	-59.04	-144.38	10.92	261.13	-89.11

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]
36829	90.34	-3.96	3.00	-182.72	-99.37	-571.58	5.52	442.03	-56.32
36830	90.15	-5.07	3.00	-164.11	-84.90	-429.63	5.84	383.09	-62.26
36831	89.92	-6.18	3.00	-146.54	-70.38	-289.79	4.47	325.64	-61.07
36832	89.64	-7.26	3.00	-130.32	-55.75	-151.66	1.74	270.35	-53.12
36833	91.47	-3.96	3.00	-191.76	-101.30	-580.30	-8.80	440.84	-15.16
36834	91.26	-5.08	3.00	-172.41	-85.12	-440.68	-7.77	383.83	-22.19
36835	91.01	-6.18	3.00	-153.90	-69.36	-302.94	-8.04	327.92	-22.94
36836	90.71	-7.26	3.00	-136.63	-54.04	-166.59	-9.38	273.76	-17.65
36837	92.60	-3.96	3.00	-189.17	-104.47	-608.22	-23.53	429.05	22.68
36838	92.38	-5.08	3.00	-170.78	-86.84	-467.68	-22.25	374.82	15.35
36839	92.10	-6.18	3.00	-153.01	-69.95	-329.03	-21.76	321.42	13.42
36840	91.78	-7.26	3.00	-136.23	-53.96	-191.80	-21.95	269.42	16.75
36841	93.73	-3.96	3.00	-170.93	-108.18	-656.97	-37.20	401.88	56.52
36842	93.49	-5.08	3.00	-155.67	-89.58	-512.10	-36.31	351.74	49.78
36843	93.20	-6.18	3.00	-140.79	-71.88	-369.39	-35.58	302.28	47.51
36844	92.84	-7.26	3.00	-126.56	-55.31	-228.47	-35.01	253.98	49.62
36845	94.86	-3.96	3.00	-139.17	-112.09	-723.93	-47.50	354.67	84.87
36846	94.61	-5.08	3.00	-128.66	-93.33	-572.14	-47.71	310.58	79.76
36847	94.29	-6.19	3.00	-118.29	-75.33	-422.88	-47.40	267.11	78.08
36848	93.91	-7.27	3.00	-108.20	-58.49	-276.03	-46.67	224.67	79.76
36849	96.00	-3.96	3.00	-94.46	-114.69	-799.19	-52.80	282.60	105.92
36850	95.72	-5.09	3.00	-89.21	-96.77	-640.19	-54.83	246.52	103.63
36851	95.38	-6.19	3.00	-84.28	-79.38	-483.94	-55.78	211.37	103.80
36852	94.97	-7.27	3.00	-79.16	-62.70	-330.75	-55.94	177.06	106.39
36853	61.15	-3.97	4.00	-401.16	-157.43	-822.50	-595.33	-255.96	-107.76
36854	61.43	-5.09	4.00	-271.89	-147.56	-702.50	-560.28	-171.96	-108.07
36855	61.78	-6.19	4.00	-159.77	-68.67	-614.37	-524.10	-148.77	-128.00
36856	62.19	-7.27	4.00	-28.26	94.68	-546.46	-430.52	-176.21	-113.64
36857	62.27	-3.96	4.00	-270.62	-66.80	-758.61	-355.39	-255.14	-54.41
36858	62.53	-5.08	4.00	-185.90	-20.05	-656.16	-327.49	-211.82	-54.23
36859	62.85	-6.19	4.00	-103.56	61.11	-562.23	-286.02	-193.98	-51.25
36860	63.24	-7.27	4.00	0.35	164.25	-462.81	-206.28	-191.98	-22.11
36861	63.38	-3.96	4.00	-217.94	-30.07	-679.22	-245.09	-324.88	-51.40
36862	63.63	-5.08	4.00	-153.58	18.46	-580.56	-217.82	-287.51	-50.78
36863	63.93	-6.18	4.00	-81.34	73.43	-480.39	-177.70	-257.54	-41.24
36864	64.29	-7.27	4.00	6.92	111.37	-370.61	-128.21	-229.94	-19.01
36865	64.50	-3.96	4.00	-180.05	-24.98	-649.33	-186.02	-368.11	-65.05
36866	64.72	-5.08	4.00	-124.72	12.42	-543.57	-162.57	-327.03	-65.04
36867	65.00	-6.18	4.00	-61.97	42.47	-434.66	-134.00	-287.76	-56.79
36868	65.34	-7.26	4.00	2.35	54.53	-319.06	-111.63	-249.63	-41.58
36869	65.62	-3.96	4.00	-146.92	-34.59	-644.62	-154.96	-390.67	-89.40
36870	65.82	-5.08	4.00	-99.07	-8.79	-529.56	-137.97	-344.66	-90.95
36871	66.08	-6.18	4.00	-48.70	8.71	-411.82	-120.67	-299.53	-84.65
36872	66.39	-7.26	4.00	-3.54	17.20	-289.31	-109.36	-255.99	-71.76
36873	66.73	-3.96	4.00	-115.50	-49.02	-658.74	-139.92	-397.20	-121.82
36874	66.92	-5.08	4.00	-75.87	-31.13	-532.42	-128.46	-347.06	-124.24
36875	67.16	-6.18	4.00	-37.28	-18.47	-404.39	-117.26	-298.14	-118.25
36876	67.44	-7.26	4.00	-5.25	-9.73	-273.44	-109.05	-251.36	-104.80
36877	67.85	-3.96	4.00	-85.29	-63.61	-685.75	-132.84	-389.70	-159.81
36878	68.02	-5.07	4.00	-54.03	-50.78	-546.52	-124.59	-336.80	-161.86
36879	68.23	-6.17	4.00	-25.48	-40.42	-406.84	-115.87	-285.73	-154.56
36880	68.48	-7.26	4.00	-3.00	-31.20	-266.07	-107.97	-237.40	-138.82
36881	68.96	-3.96	4.00	-56.57	-76.99	-720.05	-128.54	-369.16	-201.07
36882	69.12	-5.07	4.00	-33.41	-67.74	-566.75	-121.64	-315.23	-201.58
36883	69.31	-6.17	4.00	-13.44	-58.89	-414.45	-113.59	-263.75	-191.74
36884	69.53	-7.26	4.00	1.39	-49.43	-262.96	-105.14	-215.62	-172.61
36885	70.08	-3.96	4.00	-30.28	-89.07	-756.49	-123.94	-336.60	-243.47
36886	70.21	-5.07	4.00	-14.75	-82.58	-588.60	-117.37	-283.66	-241.52
36887	70.38	-6.17	4.00	-2.29	-74.95	-423.32	-109.25	-233.70	-228.28
36888	70.58	-7.26	4.00	6.02	-65.47	-260.82	-100.17	-187.60	-205.04
36889	71.20	-3.96	4.00	-7.66	-100.03	-790.63	-117.40	-293.56	-284.98
36890	71.31	-5.07	4.00	0.82	-95.74	-608.40	-110.74	-243.76	-279.92
36891	71.46	-6.17	4.00	6.67	-89.16	-430.49	-102.45	-197.32	-262.78
36892	71.63	-7.26	4.00	9.37	-79.74	-257.35	-93.03	-155.05	-235.06
36893	72.31	-3.96	4.00	10.08	-109.95	-819.06	-108.13	-242.17	-323.64
36894	72.41	-5.06	4.00	12.27	-107.39	-623.51	-101.41	-197.63	-315.17
36895	72.53	-6.16	4.00	12.45	-101.67	-433.96	-93.18	-156.59	-293.96
36896	72.68	-7.26	4.00	10.41	-92.32	-251.14	-83.91	-119.78	-261.71
36897	73.43	-3.95	4.00	22.12	-118.76	-839.57	-96.00	-184.98	-357.74
36898	73.51	-5.06	4.00	19.00	-117.53	-632.37	-89.48	-147.57	-345.82
36899	73.61	-6.16	4.00	14.51	-112.46	-432.77	-81.72	-113.57	-320.67
36900	73.73	-7.26	4.00	8.66	-103.15	-241.69	-73.11	-83.56	-284.17
36901	74.54	-3.95	4.00	28.26	-126.30	-851.26	-81.29	-124.65	-385.77
36902	74.61	-5.06	4.00	20.94	-126.04	-634.59	-75.35	-95.86	-370.68
36903	74.69	-6.16	4.00	12.88	-121.43	-426.92	-68.50	-70.15	-342.01
36904	74.78	-7.25	4.00	4.18	-112.10	-229.29	-61.05	-47.95	-301.76
36905	75.66	-3.95	4.00	28.93	-132.39	-854.36	-64.56	-63.55	-406.61
36906	75.70	-5.06	4.00	18.58	-132.76	-630.71	-59.58	-44.45	-388.84
36907	75.76	-6.16	4.00	8.03	-128.43	-417.17	-54.05	-27.89	-357.30
36908	75.83	-7.25	4.00	-2.54	-119.02	-214.85	-48.21	-14.13	-314.03
36909	76.78	-3.95	4.00	24.98	-136.84	-849.97	-46.50	-3.50	-419.43
36910	76.80	-5.05	4.00	12.76	-137.56	-621.92	-42.82	5.27	-399.68
36911	76.84	-6.15	4.00	0.76	-133.34	-404.76	-38.96	12.23	-366.07
36912	76.88	-7.25	4.00	-10.78	-123.83	-199.60	-35.06	17.23	-320.70
36913	77.89	-3.95	4.00	17.50	-139.51	-839.58	-27.90	54.41	-423.74
36914	77.90	-5.05	4.00	4.47	-140.33	-609.70	-25.75	52.60	-402.86
36915	77.91	-6.15	4.00	-8.03	-136.11	-391.09	-23.79	49.78	-368.13
36916	77.93	-7.25	4.00	-19.77	-126.47	-184.85	-22.05	45.97	-321.64
36917	60.90	-3.96	3.00	132.45	-30.86	-723.02	-568.29	-247.22	282.86
36918	61.18	-5.09	3.00	247.21	-0.79	-586.38	-526.38	-164.14	218.39
36919	61.52	-6.19	3.00	329.78	65.58	-508.83	-472.75	-173.30	137.49
36920	61.93	-7.27	3.00	366.25	184.40	-447.43	-411.00	-304.18	35.61
36921	62.04	-3.96	3.00	-41.81	-26.48	-824.00	-338.34	-276.42	65.52
36922	62.29	-5.08	3.00	46.03	22.57	-730.55	-311.99	-250.70	44.74
36923	62.61	-6.19	3.00	110.06	97.80	-631.71	-271.94	-260.78	8.26
36924	62.99	-7.27	3.00	191.17	200.58	-517.83	-195.11	-301.57	0.32
36925	63.17	-3.96	3.00	-111.04	-15.06	-740.01	-238.91	-319.47	-11.67
36926	63.41	-5.08	3.00	-46.47	35.25	-643.51	-210.81	-297.70	-24.13
36927	63.70	-6.18	3.00	20.59	94.11	-541.40	-168.96	-289.22	-28.89

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]
36928	64.06	-7.26	3.00	104.85	130.97	-426.91	-118.32	-283.11	-16.02
36929	64.30	-3.96	3.00	-126.98	-17.68	-681.06	-180.23	-357.68	-56.53
36930	64.52	-5.08	3.00	-71.98	22.84	-579.44	-155.06	-329.42	-62.24
36931	64.80	-6.18	3.00	-9.38	54.40	-473.06	-125.07	-304.43	-59.20
36932	65.12	-7.26	3.00	54.34	64.10	-359.10	-105.18	-278.96	-45.96
36933	65.43	-3.96	3.00	-117.18	-29.91	-655.43	-146.19	-376.81	-92.33
36934	65.64	-5.08	3.00	-69.63	-1.58	-546.01	-128.58	-341.51	-96.18
36935	65.89	-6.18	3.00	-19.21	16.78	-433.39	-112.04	-307.19	-91.54
36936	66.19	-7.26	3.00	24.66	24.74	-315.55	-104.31	-272.70	-78.66
36937	66.56	-3.96	3.00	-96.98	-45.01	-653.69	-128.37	-380.94	-127.86
36938	66.75	-5.07	3.00	-58.01	-24.69	-534.82	-117.69	-340.32	-131.10
36939	66.98	-6.18	3.00	-20.06	-10.70	-413.90	-108.52	-300.42	-125.63
36940	67.26	-7.26	3.00	10.31	-1.09	-289.73	-103.84	-261.18	-112.04
36941	67.70	-3.96	3.00	-73.23	-58.85	-668.04	-119.35	-372.60	-165.06
36942	67.86	-5.07	3.00	-42.84	-43.39	-538.22	-112.83	-328.48	-167.52
36943	68.07	-6.17	3.00	-15.21	-31.15	-407.57	-106.71	-285.45	-160.71
36944	68.32	-7.26	3.00	5.77	-20.40	-275.43	-102.19	-243.90	-145.32
36945	68.83	-3.96	3.00	-48.78	-70.52	-692.03	-113.93	-352.92	-203.63
36946	68.98	-5.07	3.00	-26.34	-58.39	-550.27	-109.31	-307.19	-204.75
36947	69.17	-6.17	3.00	-7.16	-47.34	-408.94	-104.12	-263.08	-195.86
36948	69.39	-7.26	3.00	6.61	-36.09	-267.83	-98.92	-221.18	-177.84
36949	69.96	-3.96	3.00	-25.37	-80.36	-720.35	-109.01	-322.79	-242.48
36950	70.09	-5.07	3.00	-10.18	-70.82	-566.18	-104.99	-277.43	-241.66
36951	70.26	-6.17	3.00	1.90	-60.84	-413.81	-99.80	-234.18	-230.09
36952	70.45	-7.26	3.00	9.71	-49.52	-263.33	-93.86	-193.72	-208.83
36953	71.09	-3.96	3.00	-4.48	-88.85	-748.61	-102.90	-283.38	-280.20
36954	71.21	-5.07	3.00	4.19	-81.44	-582.19	-98.87	-240.40	-276.95
36955	71.35	-6.17	3.00	10.17	-72.48	-418.98	-93.45	-199.90	-262.30
36956	71.52	-7.26	3.00	12.90	-61.30	-259.33	-87.02	-162.54	-237.46
36957	72.22	-3.96	3.00	12.62	-96.32	-773.44	-94.76	-236.32	-315.27
36958	72.32	-5.06	3.00	15.53	-90.66	-595.55	-90.59	-197.64	-309.34
36959	72.44	-6.16	3.00	16.32	-82.61	-422.26	-85.06	-161.63	-291.42
36960	72.59	-7.26	3.00	14.76	-71.62	-254.16	-78.53	-128.90	-262.93
36961	73.36	-3.95	3.00	25.00	-102.88	-792.52	-84.33	-183.60	-346.24
36962	73.44	-5.06	3.00	23.05	-98.61	-604.49	-80.15	-150.94	-337.57
36963	73.53	-6.16	3.00	19.55	-91.31	-422.38	-74.82	-120.94	-316.47
36964	73.65	-7.25	3.00	14.52	-80.49	-246.95	-68.65	-94.11	-284.49
36965	74.49	-3.95	3.00	32.24	-108.51	-804.61	-71.76	-127.32	-371.82
36966	74.55	-5.06	3.00	26.40	-105.29	-608.23	-67.85	-102.11	-360.60
36967	74.63	-6.16	3.00	19.59	-98.54	-418.94	-63.07	-79.34	-336.61
36968	74.72	-7.25	3.00	11.93	-87.83	-237.59	-57.69	-59.38	-301.54
36969	75.62	-3.95	3.00	34.41	-113.08	-809.44	-57.46	-69.49	-390.94
36970	75.66	-5.06	3.00	25.72	-110.59	-606.79	-54.12	-52.78	-377.55
36971	75.72	-6.16	3.00	16.56	-104.22	-412.17	-50.25	-38.10	-351.19
36972	75.78	-7.25	3.00	7.14	-93.55	-226.47	-46.05	-25.69	-313.63
36973	76.75	-3.95	3.00	31.95	-116.49	-807.49	-42.02	-11.73	-402.82
36974	76.78	-5.05	3.00	21.47	-114.42	-600.81	-39.53	-4.20	-387.83
36975	76.81	-6.15	3.00	10.92	-108.25	-402.79	-36.87	1.86	-359.77
36976	76.85	-7.25	3.00	0.54	-97.55	-214.37	-34.14	6.34	-320.46
36977	77.88	-3.95	3.00	25.52	-118.63	-799.64	-26.12	44.81	-406.96
36978	77.89	-5.05	3.00	14.27	-116.72	-591.19	-24.70	42.82	-391.06
36979	77.90	-6.15	3.00	3.23	-110.59	-391.73	-23.44	40.03	-362.09
36980	77.92	-7.25	3.00	-7.36	-99.82	-202.15	-22.39	36.43	-321.87
36981	78.96	-8.10	4.00	-36.97	-116.01	-20.43	-10.29	62.77	-274.37
36982	78.95	-8.70	4.00	-42.06	-106.03	80.90	-10.88	56.11	-241.54
36983	79.99	-8.10	4.00	-44.80	-114.33	-10.99	-0.65	81.59	-264.92
36984	79.96	-8.70	4.00	-49.31	-104.34	89.31	-2.53	71.34	-232.77
36985	81.01	-8.10	4.00	-51.82	-110.74	-4.89	7.79	99.63	-250.98
36986	80.96	-8.70	4.00	-55.54	-100.85	94.03	4.73	85.91	-220.15
36987	82.04	-8.10	4.00	-58.20	-105.44	-1.84	14.77	117.52	-232.84
36988	81.97	-8.70	4.00	-60.95	-95.73	95.40	10.69	100.48	-203.84
36989	83.06	-8.10	4.00	-64.28	-98.68	-1.26	20.05	135.64	-210.82
36990	82.98	-8.70	4.00	-65.88	-89.26	94.01	15.18	115.49	-184.11
36991	84.09	-8.10	4.00	-70.48	-90.81	-2.40	23.41	154.00	-185.35
36992	83.98	-8.70	4.00	-70.75	-81.74	90.62	18.03	131.02	-161.28
36993	85.11	-8.10	4.00	-77.11	-82.21	-4.60	24.67	172.27	-156.92
36994	84.99	-8.70	4.00	-75.91	-73.53	85.93	19.08	146.81	-135.75
36995	86.14	-8.10	4.00	-84.30	-73.33	-7.46	23.70	189.70	-126.10
36996	85.99	-8.70	4.00	-81.52	-65.05	80.46	18.21	162.21	-107.96
36997	87.16	-8.10	4.00	-91.80	-64.63	-11.03	20.41	205.28	-93.50
36998	87.00	-8.70	4.00	-87.48	-56.70	74.31	15.34	176.31	-78.41
36999	88.19	-8.10	4.00	-98.98	-56.57	-15.85	14.82	217.81	-59.75
37000	88.01	-8.70	4.00	-93.29	-48.99	67.10	10.47	187.89	-47.54
37001	89.22	-8.10	4.00	-104.85	-49.51	-22.98	6.99	225.92	-25.62
37002	89.01	-8.70	4.00	-98.07	-42.22	58.09	3.55	195.80	-15.93
37003	90.24	-8.10	4.00	-108.03	-43.79	-33.96	-2.80	227.96	8.18
37004	90.02	-8.70	4.00	-100.69	-36.68	46.02	-5.20	198.56	15.51
37005	91.27	-8.10	4.00	-106.95	-39.47	-50.38	-14.32	221.96	41.04
37006	91.02	-8.70	4.00	-99.74	-32.75	29.28	-15.58	193.88	46.40
37007	92.29	-8.10	4.00	-100.61	-36.27	-73.42	-26.85	206.03	72.24
37008	92.03	-8.70	4.00	-94.21	-29.51	6.95	-27.37	180.22	76.15
37009	93.32	-8.10	4.00	-88.07	-34.30	-103.29	-39.30	178.34	100.80
37010	93.04	-8.70	4.00	-83.26	-27.27	-21.30	-39.23	155.87	103.89
37011	94.34	-8.10	4.00	-70.19	-33.43	-137.04	-50.57	137.28	124.40
37012	94.04	-8.70	4.00	-67.91	-26.25	-52.65	-50.03	119.35	127.46
37013	78.97	-8.10	3.00	-23.50	-88.98	-50.47	-11.95	55.73	-280.36
37014	78.96	-8.70	3.00	-28.23	-78.96	44.19	-12.59	49.52	-250.95
37015	80.01	-8.10	3.00	-31.87	-87.85	-41.31	-3.14	76.92	-271.78
37016	79.99	-8.70	3.00	-35.97	-77.88	52.50	-4.78	67.25	-243.01
37017	81.06	-8.10	3.00	-40.28	-85.21	-34.38	4.47	97.20	-258.82
37018	81.01	-8.70	3.00	-43.54	-75.37	58.21	1.89	84.20	-231.20
37019	82.10	-8.10	3.00	-48.82	-81.24	-29.59	10.63	116.97	-241.72
37020	82.03	-8.70	3.00	-51.06	-71.60	61.45	7.26	100.80	-215.67
37021	83.14	-8.10	3.00	-57.71	-76.21	-26.65	15.11	136.43	-220.81
37022	83.06	-8.70	3.00	-58.72	-66.79	62.56	11.14	117.32	-196.71
37023	84.18	-8.10	3.00	-67.16	-70.42	-25.21	17.70	155.55	-196.52
37024	84.08	-8.70	3.00	-66.77	-61.24	61.93	13.37	133.78	-174.63
37025	85.23	-8.10	3.00	-77.31	-64.24	-25.04	18.25	174.04	-169.31
37026	85.10	-8.70	3.00	-75.38	-55.32	59.88	13.81	149.95	-149.84

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]
37027	86.27	-8.10	3.00	-88.10	-58.10	-26.15	16.65	191.37	-139.72
37028	86.13	-8.70	3.00	-84.54	-49.39	56.48	12.36	165.36	-122.78
37029	87.31	-8.10	3.00	-99.15	-52.42	-29.00	12.85	206.79	-108.33
37030	87.15	-8.70	3.00	-93.99	-43.88	51.47	8.98	179.33	-93.92
37031	88.36	-8.10	3.00	-109.71	-47.66	-34.55	6.88	219.47	-75.72
37032	88.17	-8.70	3.00	-103.09	-39.26	44.06	3.68	190.99	-63.69
37033	89.40	-8.10	3.00	-118.57	-44.17	-44.26	-1.16	228.48	-42.58
37034	89.20	-8.70	3.00	-110.77	-35.85	33.09	-3.54	199.55	-32.64
37035	90.44	-8.10	3.00	-124.02	-42.28	-60.21	-11.04	232.48	-9.58
37036	90.22	-8.70	3.00	-115.58	-33.94	16.85	-12.50	203.85	-1.63
37037	91.48	-8.10	3.00	-123.81	-42.03	-84.62	-22.51	229.56	22.82
37038	91.25	-8.70	3.00	-115.50	-33.91	-6.85	-22.96	201.67	29.05
37039	92.53	-8.10	3.00	-115.91	-43.05	-118.52	-34.80	216.82	54.22
37040	92.27	-8.70	3.00	-108.56	-34.77	-38.76	-34.67	190.65	59.07
37041	93.57	-8.10	3.00	-100.59	-46.00	-161.72	-45.99	191.91	83.53
37042	93.29	-8.70	3.00	-95.16	-37.40	-78.96	-45.46	168.70	87.41
37043	94.61	-8.10	3.00	-75.33	-50.40	-211.68	-55.29	150.63	109.84
37044	94.32	-8.70	3.00	-72.88	-41.72	-125.53	-54.70	131.82	113.60
37045	62.56	-8.10	4.00	136.65	275.70	-467.69	-296.21	-202.78	-34.65
37046	62.86	-8.70	4.00	360.46	389.03	-361.30	-185.36	-202.69	62.95
37047	63.58	-8.10	4.00	118.76	220.02	-366.02	-128.26	-187.04	23.41
37048	63.86	-8.70	4.00	183.19	182.69	-280.28	-130.61	-176.11	50.76
37049	64.61	-8.10	4.00	75.73	105.26	-275.75	-109.49	-207.44	2.17
37050	64.87	-8.70	4.00	99.17	91.91	-197.93	-116.75	-191.45	15.66
37051	65.63	-8.10	4.00	42.44	52.28	-222.67	-107.82	-220.44	-26.82
37052	65.88	-8.70	4.00	54.50	51.64	-147.39	-109.21	-200.12	-15.26
37053	66.66	-8.10	4.00	22.39	20.13	-189.43	-106.28	-223.00	-57.90
37054	66.88	-8.70	4.00	31.33	23.01	-113.71	-104.90	-200.32	-46.04
37055	67.68	-8.10	4.00	12.68	-3.99	-168.58	-104.71	-216.16	-89.68
37056	67.89	-8.70	4.00	19.39	0.76	-90.76	-101.47	-191.99	-76.34
37057	68.71	-8.10	4.00	9.27	-23.94	-155.01	-102.25	-201.36	-121.34
37058	68.89	-8.70	4.00	13.86	-18.13	-73.92	-97.76	-176.94	-106.13
37059	69.74	-8.10	4.00	8.98	-41.23	-144.95	-98.27	-180.16	-152.06
37060	69.90	-8.70	4.00	11.48	-34.54	-60.00	-92.84	-156.54	-134.48
37061	70.76	-8.10	4.00	9.53	-56.67	-135.68	-92.52	-154.07	-180.95
37062	70.91	-8.70	4.00	9.97	-49.38	-46.80	-86.62	-132.07	-160.72
37063	71.79	-8.10	4.00	9.31	-70.52	-125.38	-85.09	-124.71	-207.25
37064	71.91	-8.70	4.00	7.84	-62.68	-32.78	-79.08	-105.12	-184.32
37065	72.81	-8.10	4.00	7.32	-82.76	-113.05	-76.16	-93.72	-230.22
37066	72.92	-8.70	4.00	4.24	-74.41	-17.21	-70.38	-77.21	-204.71
37067	73.84	-8.10	4.00	3.19	-93.27	-98.48	-66.00	-62.67	-249.27
37068	73.92	-8.70	4.00	-1.14	-84.48	-0.04	-60.79	-49.71	-221.39
37069	74.86	-8.10	4.00	-3.00	-101.93	-82.15	-55.00	-32.83	-263.93
37070	74.93	-8.70	4.00	-8.17	-92.76	18.16	-50.63	-23.74	-234.02
37071	75.89	-8.10	4.00	-10.77	-108.61	-65.00	-43.56	-5.13	-273.87
37072	75.94	-8.70	4.00	-16.38	-99.11	36.47	-40.24	-0.04	-242.40
37073	76.91	-8.10	4.00	-19.46	-113.20	-48.23	-32.06	19.98	-278.95
37074	76.94	-8.70	4.00	-25.16	-103.47	53.73	-29.97	21.07	-246.44
37075	77.94	-8.10	4.00	-28.40	-115.66	-33.05	-20.87	42.48	-279.10
37076	77.95	-8.70	4.00	-33.88	-105.77	68.86	-20.11	39.66	-246.16
37077	62.29	-8.10	3.00	466.48	345.09	-388.21	-259.53	-463.50	39.86
37078	62.58	-8.70	3.00	685.99	453.76	-286.24	-209.97	-517.45	144.09
37079	63.33	-8.10	3.00	296.14	257.07	-405.24	-123.64	-323.98	37.89
37080	63.61	-8.70	3.00	340.78	207.63	-319.98	-146.17	-306.61	75.15
37081	64.37	-8.10	3.00	168.71	116.50	-329.65	-107.73	-271.43	6.04
37082	64.63	-8.70	3.00	178.55	97.84	-250.84	-127.47	-253.54	24.10
37083	65.42	-8.10	3.00	90.27	58.68	-263.83	-108.31	-255.98	-29.42
37084	65.65	-8.70	3.00	94.13	58.51	-189.28	-115.39	-236.15	-16.14
37085	66.46	-8.10	3.00	47.21	27.65	-219.19	-105.86	-244.68	-63.63
37086	66.68	-8.70	3.00	51.62	31.67	-145.85	-107.61	-223.73	-50.77
37087	67.50	-8.10	3.00	25.77	5.68	-190.02	-102.90	-230.55	-96.36
37088	67.70	-8.70	3.00	29.86	11.64	-115.75	-101.96	-208.58	-82.54
37089	68.54	-8.10	3.00	16.34	-11.78	-170.89	-99.35	-212.20	-127.96
37090	68.73	-8.70	3.00	19.38	-4.84	-94.30	-96.82	-190.14	-112.79
37091	69.59	-8.10	3.00	13.16	-26.50	-157.59	-94.68	-189.78	-158.16
37092	69.75	-8.70	3.00	14.82	-18.79	-77.89	-91.05	-168.48	-141.16
37093	70.63	-8.10	3.00	12.75	-39.43	-147.04	-88.68	-163.88	-186.37
37094	70.77	-8.70	3.00	12.85	-31.28	-64.05	-84.47	-143.98	-167.25
37095	71.67	-8.10	3.00	12.83	-50.93	-137.14	-81.39	-135.39	-212.01
37096	71.80	-8.70	3.00	11.37	-42.40	-50.92	-76.95	-117.60	-190.73
37097	72.72	-8.10	3.00	12.03	-61.05	-126.57	-72.89	-105.45	-234.49
37098	72.82	-8.70	3.00	9.19	-52.18	-37.47	-68.56	-90.36	-211.09
37099	73.76	-8.10	3.00	9.64	-69.75	-114.77	-63.40	-75.19	-253.26
37100	73.84	-8.70	3.00	5.69	-60.58	-23.27	-59.46	-63.25	-227.91
37101	74.80	-8.10	3.00	5.46	-76.94	-101.77	-53.20	-45.59	-267.88
37102	74.87	-8.70	3.00	0.74	-67.49	-8.48	-49.89	-37.13	-240.86
37103	75.84	-8.10	3.00	-0.34	-82.51	-88.08	-42.63	-17.42	-278.04
37104	75.89	-8.70	3.00	-5.49	-72.84	6.39	-40.14	-12.61	-249.72
37105	76.89	-8.10	3.00	-7.39	-86.38	-74.44	-32.02	8.89	-283.55
37106	76.91	-8.70	3.00	-12.65	-76.54	20.62	-30.51	10.00	-254.36
37107	77.93	-8.10	3.00	-15.25	-88.52	-61.67	-21.69	33.21	-284.32
37108	77.94	-8.70	3.00	-20.33	-78.55	33.44	-21.27	30.64	-254.78
37109	89.19	9.43	3.00	-321.22	-334.54	-2638.75	-109.08	932.80	579.80
37110	90.14	9.39	3.00	-328.07	-324.05	-2647.52	-91.85	925.24	553.53
37111	91.09	9.35	3.00	-319.49	-308.29	-2679.77	-68.64	901.14	522.15
37112	89.38	10.30	3.00	-321.95	-341.18	-2834.65	-101.75	928.11	633.72
37113	90.21	10.18	3.00	-322.53	-324.67	-2833.30	-82.71	917.53	596.65
37114	91.03	10.05	3.00	-312.89	-305.66	-2843.69	-60.54	893.93	555.73
37115	89.55	11.18	3.00	-317.21	-334.07	-3055.51	-86.10	912.73	676.07
37116	90.25	10.97	3.00	-314.17	-316.42	-3032.28	-68.68	901.16	631.91
37117	90.94	10.74	3.00	-305.12	-297.52	-3012.82	-50.28	879.65	585.13
37118	78.97	9.79	3.00	35.26	-322.85	-3170.72	-54.11	180.12	747.36
37119	80.01	9.78	3.00	18.35	-323.21	-3149.10	-69.97	312.47	741.05
37120	81.05	9.76	3.00	-9.08	-325.29	-3107.48	-84.95	437.63	731.72
37121	82.09	9.74	3.00	-45.30	-328.69	-3049.47	-98.60	552.36	719.61
37122	83.12	9.71	3.00	-88.06	-332.89	-2979.72	-110.42	653.96	705.00
37123	84.14	9.67	3.00	-134.72	-337.25	-2903.67	-119.85	740.55	688.20
37124	85.17	9.63	3.00	-182.38	-341.05	-2827.27	-126.30	811.03	669.53
37125	86.19	9.59	3.00	-227.97	-343.52	-2756.65	-129.13	865.11	649.25



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]
37126	87.20	9.54	3.00	-268.39	-343.80	-2697.81	-127.64	903.07	627.48
37127	88.21	9.48	3.00	-300.48	-341.02	-2656.24	-121.06	925.50	604.06
37128	79.00	11.37	3.00	-1.90	-416.02	-3356.91	-58.06	184.88	945.11
37129	80.10	11.34	3.00	-18.98	-413.15	-3336.42	-79.12	321.67	933.25
37130	81.18	11.29	3.00	-46.59	-410.10	-3296.02	-98.14	449.84	914.82
37131	82.26	11.22	3.00	-82.56	-406.58	-3239.68	-114.30	566.17	890.58
37132	83.32	11.13	3.00	-124.17	-402.28	-3172.29	-126.85	667.96	861.47
37133	84.37	11.03	3.00	-168.37	-396.86	-3099.28	-135.14	753.47	828.48
37134	85.41	10.91	3.00	-212.04	-389.91	-3026.22	-138.69	821.87	792.53
37135	86.44	10.77	3.00	-252.05	-381.03	-2958.43	-137.13	873.08	754.34
37136	87.46	10.62	3.00	-285.50	-369.87	-2900.65	-130.26	907.50	714.36
37137	88.46	10.45	3.00	-309.65	-356.25	-2856.61	-117.95	925.70	672.65
37138	79.02	12.96	3.00	-49.69	-491.46	-3583.75	-59.36	188.17	1118.70
37139	80.16	12.91	3.00	-65.90	-485.56	-3566.34	-83.14	325.12	1102.98
37140	81.29	12.82	3.00	-91.74	-476.90	-3530.12	-103.91	452.99	1077.28
37141	82.40	12.71	3.00	-124.88	-465.60	-3478.69	-120.57	568.63	1042.83
37142	83.50	12.57	3.00	-162.44	-451.84	-3416.41	-132.16	669.31	1001.07
37143	84.57	12.40	3.00	-201.28	-435.81	-3347.92	-138.08	753.28	953.51
37144	85.63	12.20	3.00	-238.29	-417.73	-3277.75	-138.01	819.65	901.50
37145	86.68	11.97	3.00	-270.54	-397.82	-3209.96	-131.99	868.25	846.18
37146	87.70	11.71	3.00	-295.53	-376.32	-3147.74	-120.31	899.36	788.34
37147	88.70	11.43	3.00	-311.32	-353.90	-3093.22	-103.84	913.47	728.40
37148	79.04	14.55	3.00	-103.76	-512.54	-3889.38	-56.97	190.29	1253.21
37149	80.22	14.48	3.00	-117.93	-504.69	-3875.50	-79.33	322.56	1234.99
37150	81.38	14.37	3.00	-139.89	-491.81	-3843.30	-98.28	446.23	1203.69
37151	82.53	14.22	3.00	-167.46	-474.59	-3795.55	-112.55	558.09	1160.82
37152	83.65	14.02	3.00	-198.01	-453.85	-3735.51	-121.17	655.35	1108.18
37153	84.75	13.79	3.00	-228.69	-430.45	-3666.62	-123.66	736.12	1047.65
37154	85.83	13.51	3.00	-256.78	-405.31	-3592.15	-120.00	799.33	981.07
37155	86.89	13.18	3.00	-279.89	-379.33	-3514.83	-110.66	844.63	910.13
37156	87.92	12.82	3.00	-296.14	-353.38	-3436.75	-96.51	872.24	836.30
37157	88.92	12.43	3.00	-304.40	-327.92	-3359.03	-78.81	882.80	760.83
37158	79.06	16.14	3.00	-157.64	-460.47	-4282.30	-50.78	190.34	1316.64
37159	80.26	16.07	3.00	-168.75	-452.39	-4271.30	-67.67	311.76	1297.19
37160	81.45	15.93	3.00	-185.30	-438.95	-4240.21	-81.50	425.81	1262.63
37161	82.62	15.74	3.00	-205.59	-421.21	-4190.93	-91.15	529.36	1214.63
37162	83.78	15.49	3.00	-227.59	-400.33	-4125.73	-95.84	619.70	1155.21
37163	84.90	15.19	3.00	-249.18	-377.54	-4047.06	-95.31	694.92	1086.63
37164	86.01	14.83	3.00	-268.34	-354.08	-3957.32	-89.80	753.90	1011.23
37165	87.08	14.41	3.00	-283.45	-331.08	-3858.70	-80.01	796.30	931.34
37166	88.12	13.95	3.00	-293.29	-309.42	-3753.07	-66.94	822.43	849.15
37167	89.12	13.43	3.00	-297.40	-289.73	-3642.00	-51.82	833.29	766.72
37168	79.06	17.73	3.00	-202.04	-354.83	-4692.18	-42.53	186.79	1268.07
37169	80.29	17.65	3.00	-209.76	-347.67	-4683.48	-52.85	289.91	1249.16
37170	81.50	17.50	3.00	-220.80	-336.50	-4651.35	-60.96	387.81	1215.86
37171	82.70	17.27	3.00	-234.07	-322.35	-4597.12	-65.90	477.73	1169.69
37172	83.87	16.97	3.00	-248.22	-306.24	-4522.42	-67.09	557.40	1112.49
37173	85.03	16.60	3.00	-261.82	-289.27	-4429.20	-64.38	625.14	1046.39
37174	86.15	16.16	3.00	-273.48	-272.52	-4319.62	-57.97	679.90	973.69
37175	87.24	15.66	3.00	-282.02	-256.95	-4195.89	-48.42	721.20	896.74
37176	88.30	15.08	3.00	-286.59	-243.32	-4060.25	-36.55	749.17	817.78
37177	89.31	14.45	3.00	-286.52	-231.83	-3914.89	-23.07	764.22	738.73
37178	93.89	9.49	3.00	-221.71	-228.51	-2907.58	20.80	697.94	373.63
37179	93.31	10.46	3.00	-234.48	-224.19	-3091.82	21.07	718.30	420.28
37180	92.67	11.40	3.00	-247.37	-219.48	-3275.79	19.34	734.40	470.43
37181	92.96	9.43	3.00	-265.45	-260.40	-2826.08	-10.63	787.98	434.49
37182	92.56	10.27	3.00	-270.51	-257.94	-2997.44	-8.81	794.53	474.30
37183	92.11	11.08	3.00	-275.87	-254.19	-3169.19	-8.15	797.49	515.80
37184	92.03	9.36	3.00	-294.70	-285.07	-2741.74	-39.16	853.76	482.29
37185	91.81	10.07	3.00	-292.04	-281.99	-2898.94	-34.08	850.68	515.08
37186	91.56	10.78	3.00	-289.75	-276.59	-3056.64	-29.50	844.73	547.34
37187	90.25	13.76	3.00	-281.61	-223.49	-3763.37	-9.77	768.13	664.00
37188	90.01	12.90	3.00	-296.39	-274.66	-3531.19	-37.62	832.39	692.92
37189	89.76	12.05	3.00	-304.90	-307.12	-3289.89	-61.83	879.30	695.78
37190	91.12	13.03	3.00	-273.27	-218.53	-3607.60	1.92	763.57	594.00
37191	90.78	12.36	3.00	-291.63	-264.03	-3421.73	-25.47	823.96	628.28
37192	90.44	11.69	3.00	-300.90	-292.10	-3228.29	-47.19	868.69	641.67
37193	91.94	12.25	3.00	-260.82	-215.93	-3447.38	12.75	750.90	528.06
37194	91.52	11.78	3.00	-283.10	-255.00	-3310.36	-14.13	808.31	566.58
37195	91.10	11.32	3.00	-293.78	-279.55	-3166.65	-33.62	851.06	588.89
37196	89.00	9.42	4.00	-283.32	-266.59	-2694.81	-102.18	949.39	583.15
37197	89.94	9.38	4.00	-290.44	-257.76	-2671.22	-86.78	926.23	545.33
37198	90.87	9.34	4.00	-284.71	-245.00	-2667.88	-67.60	887.16	503.93
37199	89.18	10.27	4.00	-281.28	-271.40	-2866.07	-99.17	932.54	621.99
37200	89.99	10.15	4.00	-284.20	-258.07	-2836.32	-82.68	910.32	576.79
37201	90.80	10.02	4.00	-278.75	-243.33	-2817.22	-64.44	876.84	530.01
37202	89.34	11.13	4.00	-275.68	-266.26	-3055.57	-90.37	906.65	648.65
37203	90.03	10.92	4.00	-276.53	-252.34	-3010.99	-75.39	888.23	601.34
37204	90.71	10.70	4.00	-272.39	-238.06	-2971.11	-60.04	861.58	553.22
37205	78.96	9.77	4.00	82.84	-252.53	-3439.57	-56.39	192.81	817.86
37206	79.99	9.76	4.00	65.46	-252.94	-3411.47	-71.23	337.72	810.14
37207	81.01	9.74	4.00	36.75	-255.24	-3358.73	-85.16	474.07	798.35
37208	82.02	9.72	4.00	-1.32	-258.97	-3285.22	-97.73	597.79	782.67
37209	83.03	9.69	4.00	-46.22	-263.53	-3196.21	-108.42	705.66	763.31
37210	84.04	9.65	4.00	-94.99	-268.19	-3097.90	-116.68	795.30	740.48
37211	85.05	9.62	4.00	-144.32	-272.19	-2996.91	-121.91	865.32	714.44
37212	86.05	9.57	4.00	-190.95	-274.73	-2899.98	-123.54	915.22	685.42
37213	87.04	9.52	4.00	-231.53	-275.04	-2813.41	-120.99	945.26	653.60
37214	88.04	9.47	4.00	-263.15	-272.44	-2742.70	-113.81	956.24	618.97
37215	78.99	11.31	4.00	54.76	-339.66	-3599.50	-60.13	196.06	1013.35
37216	80.06	11.28	4.00	37.16	-336.73	-3572.35	-80.87	344.11	999.27
37217	81.13	11.23	4.00	8.11	-333.74	-3520.87	-99.50	482.19	976.88
37218	82.18	11.16	4.00	-29.97	-330.38	-3449.02	-115.06	605.95	947.00
37219	83.23	11.07	4.00	-73.98	-326.32	-3362.41	-126.78	712.22	910.71
37220	84.26	10.97	4.00	-120.59	-321.19	-3267.23	-134.07	798.88	869.18
37221	85.28	10.86	4.00	-166.31	-314.64	-3169.71	-136.53	864.94	823.51
37222	86.29	10.72	4.00	-207.90	-306.39	-3075.69	-133.97	910.36	774.72
37223	87.29	10.58	4.00	-242.45	-296.25	-2990.17	-126.44	935.82	723.60
37224	88.28	10.41	4.00	-267.56	-284.27	-2916.87	-114.17	942.46	670.75

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]
37225	79.01	12.86	4.00	17.31	-408.77	-3785.23	-60.97	196.85	1164.62
37226	80.13	12.81	4.00	0.62	-402.68	-3761.48	-85.11	342.50	1146.35
37227	81.24	12.73	4.00	-26.70	-394.04	-3714.77	-106.17	477.87	1116.01
37228	82.33	12.62	4.00	-62.13	-382.96	-3648.47	-122.82	598.60	1075.01
37229	83.40	12.48	4.00	-102.44	-369.67	-3567.63	-134.15	701.56	1025.18
37230	84.46	12.31	4.00	-144.25	-354.51	-3477.60	-139.63	784.78	968.45
37231	85.50	12.12	4.00	-184.20	-337.78	-3383.56	-139.14	847.39	906.67
37232	86.52	11.89	4.00	-219.35	-319.87	-3290.10	-132.94	889.53	841.52
37233	87.52	11.65	4.00	-247.28	-301.17	-3200.85	-121.65	912.01	774.43
37234	88.51	11.37	4.00	-266.36	-282.42	-3118.31	-106.32	916.23	706.48
37235	79.03	14.40	4.00	-26.46	-433.44	-4031.00	-58.30	195.62	1259.23
37236	80.19	14.34	4.00	-41.08	-425.37	-4011.49	-82.29	333.34	1238.81
37237	81.32	14.23	4.00	-64.76	-412.74	-3969.79	-102.79	461.49	1203.63
37238	82.45	14.09	4.00	-95.16	-396.19	-3908.48	-118.36	575.91	1155.47
37239	83.55	13.89	4.00	-129.36	-376.62	-3831.50	-128.06	673.57	1096.60
37240	84.63	13.66	4.00	-164.30	-354.95	-3742.98	-131.47	752.51	1029.47
37241	85.69	13.39	4.00	-197.10	-332.17	-3646.89	-128.76	811.89	956.53
37242	86.73	13.08	4.00	-225.27	-309.19	-3546.72	-120.52	851.78	880.04
37243	87.74	12.73	4.00	-246.92	-286.83	-3445.25	-107.75	873.05	802.00
37244	88.72	12.34	4.00	-260.91	-265.55	-3344.45	-91.74	877.14	724.11
37245	79.04	15.95	4.00	-71.65	-401.53	-4341.79	-52.46	192.43	1285.03
37246	80.22	15.88	4.00	-83.36	-393.03	-4326.18	-73.14	316.85	1264.15
37247	81.39	15.75	4.00	-102.11	-379.42	-4287.40	-90.59	433.21	1227.47
37248	82.54	15.57	4.00	-126.03	-361.67	-4227.35	-103.47	537.84	1176.82
37249	83.67	15.32	4.00	-152.81	-340.98	-4148.88	-110.92	627.93	1114.59
37250	84.78	15.03	4.00	-180.03	-318.65	-4055.10	-112.66	701.59	1043.44
37251	85.86	14.68	4.00	-205.39	-295.90	-3949.12	-108.93	757.90	966.08
37252	86.91	14.28	4.00	-226.94	-273.83	-3833.84	-100.42	796.80	885.11
37253	87.93	13.82	4.00	-243.23	-253.31	-3711.85	-88.14	818.98	802.90
37254	88.92	13.32	4.00	-253.28	-234.79	-3585.26	-73.28	825.70	721.49
37255	79.05	17.50	4.00	-114.59	-335.94	-4676.39	-45.23	187.34	1237.12
37256	80.25	17.43	4.00	-123.15	-327.99	-4664.43	-61.80	293.86	1217.22
37257	81.44	17.28	4.00	-136.83	-315.65	-4627.22	-75.79	394.54	1182.56
37258	82.61	17.06	4.00	-154.33	-299.93	-4566.21	-86.00	486.38	1134.75
37259	83.76	16.77	4.00	-174.01	-281.98	-4483.39	-91.70	566.99	1075.84
37260	84.90	16.41	4.00	-194.11	-263.05	-4381.12	-92.58	634.62	1008.17
37261	86.00	15.98	4.00	-212.90	-244.36	-4261.96	-88.84	688.26	934.26
37262	87.07	15.48	4.00	-228.87	-226.99	-4128.53	-81.06	727.56	856.62
37263	88.10	14.93	4.00	-240.85	-211.79	-3983.41	-70.12	752.78	777.60
37264	89.10	14.31	4.00	-248.10	-199.15	-3829.07	-57.02	764.57	699.27
37265	93.61	9.48	4.00	-210.12	-186.30	-2796.57	-0.62	675.98	349.95
37266	93.04	10.43	4.00	-221.52	-183.69	-2980.49	-4.24	700.11	392.59
37267	92.41	11.33	4.00	-232.36	-181.39	-3165.28	-9.95	720.39	439.61
37268	92.70	9.42	4.00	-240.27	-207.56	-2743.87	-21.69	760.19	407.76
37269	92.30	10.23	4.00	-243.21	-205.14	-2911.15	-22.88	769.44	443.19
37270	91.86	11.03	4.00	-245.86	-201.74	-3079.14	-25.05	775.38	480.61
37271	91.79	9.35	4.00	-267.73	-227.98	-2694.63	-45.10	830.71	458.05
37272	91.57	10.05	4.00	-265.24	-226.06	-2843.81	-44.26	828.85	486.30
37273	91.32	10.73	4.00	-261.89	-222.22	-2993.78	-43.64	825.03	514.82
37274	90.03	13.64	4.00	-250.05	-189.92	-3669.58	-43.64	765.00	625.91
37275	89.79	12.80	4.00	-256.86	-220.56	-3461.95	-58.59	820.89	649.37
37276	89.55	11.97	4.00	-266.62	-248.47	-3256.70	-76.37	868.53	658.50
37277	90.88	12.93	4.00	-247.82	-183.79	-3506.92	-31.19	756.73	557.92
37278	90.55	12.27	4.00	-255.80	-210.41	-3342.88	-45.49	808.88	586.87
37279	90.22	11.62	4.00	-266.90	-235.90	-3180.97	-62.75	854.32	605.26
37280	91.69	12.17	4.00	-241.10	-180.36	-3340.51	-19.32	740.62	494.68
37281	91.28	11.71	4.00	-250.46	-202.04	-3222.67	-32.94	789.75	527.68
37282	90.87	11.26	4.00	-263.48	-225.17	-3106.33	-49.56	833.77	554.01
37283	67.72	9.45	3.00	-381.56	-377.71	-2421.70	-16.66	-699.84	585.93
37284	66.77	9.40	3.00	-442.94	-381.02	-2377.05	-49.63	-684.11	557.23
37285	65.82	9.36	3.00	-514.17	-384.01	-2350.68	-95.87	-652.32	523.78
37286	67.56	10.34	3.00	-370.11	-398.37	-2592.23	-29.86	-691.77	650.08
37287	66.73	10.21	3.00	-412.98	-395.99	-2544.65	-65.50	-678.17	611.42
37288	65.90	10.07	3.00	-461.12	-396.86	-2506.75	-111.97	-653.21	569.28
37289	67.41	11.22	3.00	-346.78	-405.58	-2785.98	-42.71	-675.71	702.21
37290	66.69	11.00	3.00	-373.23	-401.30	-2725.65	-75.13	-665.28	656.48
37291	65.99	10.77	3.00	-403.90	-401.87	-2668.67	-113.78	-647.27	608.45
37292	77.93	9.79	3.00	40.37	-323.91	-3169.77	-38.26	46.36	749.35
37293	76.90	9.79	3.00	33.59	-326.59	-3145.79	-22.75	-85.35	747.59
37294	75.87	9.77	3.00	15.13	-330.82	-3100.08	-7.95	-211.77	742.07
37295	74.84	9.75	3.00	-14.16	-336.42	-3034.98	5.42	-328.80	732.92
37296	73.81	9.73	3.00	-52.87	-343.02	-2954.00	16.59	-433.09	720.23
37297	72.79	9.69	3.00	-99.19	-350.14	-2861.68	24.71	-522.00	704.23
37298	71.76	9.65	3.00	-151.09	-357.29	-2763.28	28.86	-593.68	685.21
37299	70.74	9.61	3.00	-206.57	-363.97	-2664.41	28.00	-647.20	663.54
37300	69.72	9.55	3.00	-264.02	-369.73	-2570.64	21.00	-682.38	639.54
37301	68.71	9.50	3.00	-322.61	-374.12	-2487.12	6.45	-699.64	613.39
37302	77.92	11.38	3.00	3.21	-418.09	-3354.11	-36.82	47.37	948.33
37303	76.85	11.36	3.00	-3.48	-419.36	-3327.81	-16.54	-85.94	943.08
37304	75.78	11.32	3.00	-21.57	-420.03	-3280.12	2.30	-213.65	930.25
37305	74.72	11.26	3.00	-49.87	-420.07	-3213.64	18.39	-331.16	910.44
37306	73.66	11.18	3.00	-86.65	-419.35	-3131.98	30.60	-435.08	884.38
37307	72.61	11.08	3.00	-129.75	-417.74	-3039.60	37.87	-522.84	852.96
37308	71.57	10.96	3.00	-176.89	-415.13	-2941.45	39.27	-592.84	817.16
37309	70.53	10.82	3.00	-225.93	-411.49	-2842.48	33.89	-644.37	777.90
37310	69.50	10.66	3.00	-275.32	-407.00	-2747.29	20.86	-677.51	735.93
37311	68.49	10.49	3.00	-324.43	-402.17	-2659.68	-0.91	-692.91	691.73
37312	77.90	12.97	3.00	-44.59	-494.06	-3578.63	-35.14	50.94	1122.38
37313	76.79	12.94	3.00	-50.38	-493.38	-3550.77	-12.44	-81.00	1114.01
37314	75.69	12.87	3.00	-66.39	-489.67	-3502.63	8.24	-207.29	1094.88
37315	74.60	12.77	3.00	-91.35	-483.18	-3436.65	25.14	-323.25	1065.92
37316	73.51	12.63	3.00	-123.37	-474.23	-3355.97	36.90	-425.53	1028.27
37317	72.43	12.46	3.00	-160.19	-463.23	-3264.37	42.41	-511.65	983.31
37318	71.37	12.26	3.00	-199.46	-450.72	-3165.87	40.83	-580.04	932.46
37319	70.32	12.03	3.00	-239.10	-437.40	-3064.36	31.53	-630.06	877.04
37320	69.29	11.77	3.00	-277.64	-424.19	-2963.17	14.01	-661.83	818.14
37321	68.27	11.48	3.00	-314.69	-412.78	-2864.85	-12.14	-676.20	756.55
37322	77.88	14.56	3.00	-98.81	-515.25	-3881.39	-33.91	57.65	1256.91
37323	76.74	14.51	3.00	-102.96	-512.99	-3851.23	-12.46	-69.69	1246.02

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]
37324	75.60	14.42	3.00	-115.38	-505.93	-3801.20	6.69	-191.52	1221.78
37325	74.48	14.27	3.00	-134.88	-494.62	-3733.29	21.70	-303.38	1185.23
37326	73.36	14.08	3.00	-159.73	-479.87	-3649.84	31.18	-402.05	1137.81
37327	72.26	13.85	3.00	-187.86	-462.69	-3553.67	34.15	-485.12	1081.23
37328	71.17	13.57	3.00	-217.17	-444.30	-3447.73	30.02	-551.05	1017.32
37329	70.11	13.25	3.00	-245.89	-426.09	-3334.84	18.55	-599.23	947.86
37330	69.07	12.88	3.00	-272.82	-409.66	-3217.41	-0.25	-629.90	874.46
37331	68.05	12.48	3.00	-297.63	-396.94	-3097.33	-26.24	-644.11	798.43
37332	77.86	16.15	3.00	-153.13	-463.24	-4270.51	-33.04	68.10	1320.30
37333	76.68	16.09	3.00	-155.29	-460.99	-4235.82	-16.40	-50.00	1308.10
37334	75.51	15.96	3.00	-163.41	-453.96	-4179.82	-1.84	-162.98	1281.02
37335	74.36	15.78	3.00	-176.61	-442.84	-4103.95	9.11	-267.01	1240.18
37336	73.21	15.54	3.00	-193.56	-428.67	-4009.94	15.32	-359.17	1187.25
37337	72.08	15.23	3.00	-212.68	-412.73	-3899.89	16.05	-437.30	1124.20
37338	70.98	14.88	3.00	-232.45	-396.49	-3776.13	10.98	-500.06	1053.22
37339	69.90	14.46	3.00	-251.58	-381.52	-3641.03	0.13	-546.98	976.55
37340	68.85	13.99	3.00	-269.26	-369.43	-3496.90	-16.28	-578.44	896.24
37341	67.83	13.47	3.00	-285.35	-361.93	-3346.01	-37.86	-595.77	814.07
37342	77.84	17.74	3.00	-198.39	-357.86	-4676.07	-31.26	82.27	1272.22
37343	76.63	17.66	3.00	-199.02	-357.01	-4635.35	-20.36	-20.41	1261.41
37344	75.43	17.51	3.00	-203.62	-352.63	-4570.79	-11.06	-118.97	1236.47
37345	74.23	17.29	3.00	-211.59	-345.24	-4483.42	-4.46	-210.65	1198.40
37346	73.06	16.99	3.00	-222.01	-335.81	-4374.70	-1.42	-293.15	1148.77
37347	71.91	16.62	3.00	-233.85	-325.54	-4246.48	-2.50	-364.74	1089.46
37348	70.78	16.18	3.00	-246.00	-315.72	-4100.95	-7.96	-424.37	1022.55
37349	69.69	15.67	3.00	-257.53	-307.74	-3940.54	-17.79	-471.62	950.14
37350	68.63	15.10	3.00	-267.78	-303.00	-3767.86	-31.82	-506.74	874.15
37351	67.61	14.46	3.00	-276.44	-302.75	-3585.76	-49.99	-530.38	796.04
37352	63.01	9.50	3.00	-971.09	-728.79	-2411.04	-585.45	-526.12	304.72
37353	63.60	10.47	3.00	-362.90	-497.22	-2622.44	-259.56	-580.74	397.19
37354	64.24	11.40	3.00	-325.78	-404.78	-2832.78	-169.72	-560.51	490.22
37355	63.95	9.43	3.00	-728.93	-428.55	-2385.14	-270.37	-559.55	414.50
37356	64.36	10.28	3.00	-511.49	-452.03	-2573.76	-249.05	-586.48	485.54
37357	64.81	11.10	3.00	-367.16	-418.20	-2752.11	-170.80	-596.24	539.35
37358	64.88	9.37	3.00	-604.93	-396.61	-2356.71	-165.71	-605.01	481.75
37359	65.11	10.09	3.00	-502.69	-406.75	-2514.70	-173.78	-618.77	529.08
37360	65.37	10.80	3.00	-408.80	-409.38	-2676.70	-153.30	-621.67	571.70
37361	66.66	13.78	3.00	-283.43	-308.91	-3399.53	-71.53	-544.48	720.31
37362	66.93	12.93	3.00	-299.48	-361.42	-3198.70	-62.21	-602.10	739.17
37363	67.20	12.09	3.00	-317.87	-390.12	-2990.17	-54.29	-644.76	732.43
37364	65.79	13.04	3.00	-290.23	-324.17	-3212.48	-96.07	-552.21	645.27
37365	66.15	12.38	3.00	-313.08	-368.97	-3057.39	-89.37	-601.80	670.65
37366	66.50	11.73	3.00	-336.60	-390.19	-2896.64	-83.08	-638.81	676.17
37367	64.97	12.26	3.00	-296.54	-350.50	-3023.56	-127.63	-555.64	569.27
37368	65.40	11.80	3.00	-330.17	-385.69	-2915.85	-123.12	-596.38	601.97
37369	65.83	11.34	3.00	-358.49	-396.94	-2803.50	-118.35	-627.69	619.09
37370	67.91	9.43	4.00	-374.18	-312.53	-2493.17	-23.06	-758.22	585.50
37371	66.97	9.39	4.00	-439.62	-316.75	-2422.31	-54.67	-742.26	542.21
37372	66.04	9.35	4.00	-517.27	-321.33	-2369.72	-98.79	-715.96	493.60
37373	67.74	10.29	4.00	-359.95	-329.99	-2640.61	-32.42	-737.61	631.69
37374	66.92	10.16	4.00	-407.26	-329.97	-2571.81	-65.97	-723.80	581.70
37375	66.11	10.03	4.00	-460.86	-333.88	-2513.74	-109.62	-703.00	528.52
37376	67.58	11.15	4.00	-334.86	-337.85	-2807.26	-39.81	-708.87	666.55
37377	66.89	10.94	4.00	-366.31	-336.37	-2732.23	-70.28	-699.22	614.63
37378	66.20	10.71	4.00	-402.29	-340.45	-2662.88	-106.43	-684.94	560.87
37379	77.94	9.77	4.00	87.45	-253.69	-3439.30	-41.31	45.20	820.12
37380	76.92	9.76	4.00	79.02	-256.79	-3411.13	-26.41	-100.92	817.21
37381	75.91	9.75	4.00	57.70	-261.72	-3355.60	-12.26	-240.59	809.47
37382	74.89	9.73	4.00	24.59	-268.13	-3275.93	0.56	-369.33	796.90
37383	73.88	9.70	4.00	-18.68	-275.55	-3176.34	11.25	-483.22	779.51
37384	72.87	9.66	4.00	-70.00	-283.41	-3062.23	18.96	-579.18	757.40
37385	71.87	9.63	4.00	-126.95	-291.13	-2939.74	22.69	-655.23	730.76
37386	70.87	9.58	4.00	-187.29	-298.17	-2815.30	21.44	-710.45	699.89
37387	69.87	9.53	4.00	-249.08	-304.12	-2695.19	14.13	-745.05	665.08
37388	68.87	9.48	4.00	-311.56	-308.70	-2584.98	-0.46	-760.25	626.51
37389	77.92	11.32	4.00	59.37	-341.52	-3595.88	-38.66	44.95	1016.38
37390	76.86	11.29	4.00	50.77	-342.85	-3564.33	-17.95	-102.84	1008.58
37391	75.80	11.24	4.00	29.15	-343.82	-3505.50	0.92	-242.95	991.42
37392	74.75	11.18	4.00	-3.80	-344.35	-3423.45	16.85	-370.71	965.64
37393	73.71	11.10	4.00	-45.90	-344.24	-3322.69	28.69	-482.23	932.12
37394	72.68	11.00	4.00	-94.67	-343.30	-3208.63	35.44	-574.74	891.91
37395	71.66	10.88	4.00	-147.38	-341.42	-3087.09	36.22	-646.69	846.12
37396	70.64	10.75	4.00	-201.74	-338.68	-2963.76	30.28	-697.73	795.84
37397	69.64	10.60	4.00	-256.05	-335.32	-2843.77	16.96	-728.61	742.01
37398	68.65	10.43	4.00	-309.81	-332.06	-2731.32	-4.57	-741.04	685.32
37399	77.90	12.86	4.00	21.80	-411.15	-3778.49	-35.71	48.15	1168.02
37400	76.80	12.82	4.00	13.91	-410.46	-3745.24	-11.69	-96.36	1156.79
37401	75.71	12.75	4.00	-6.11	-406.93	-3686.10	9.69	-232.84	1132.51
37402	74.62	12.64	4.00	-36.29	-400.88	-3605.01	26.88	-356.72	1096.52
37403	73.55	12.51	4.00	-74.29	-392.67	-3506.04	38.57	-464.24	1050.41
37404	72.50	12.34	4.00	-117.45	-382.79	-3393.88	43.75	-552.89	995.94
37405	71.45	12.15	4.00	-163.13	-371.85	-3273.41	41.75	-621.39	934.95
37406	70.43	11.92	4.00	-209.10	-360.63	-3149.22	32.17	-669.65	869.17
37407	69.42	11.67	4.00	-253.88	-350.15	-3025.28	14.81	-698.68	800.08
37408	68.43	11.40	4.00	-297.13	-342.05	-2904.84	-10.56	-710.45	728.80
37409	77.88	14.41	4.00	-22.27	-436.17	-4021.19	-33.05	55.02	1262.84
37410	76.74	14.35	4.00	-28.75	-434.17	-3986.00	-9.10	-81.47	1249.82
37411	75.62	14.25	4.00	-45.60	-427.50	-3926.25	11.93	-210.41	1221.36
37412	74.51	14.11	4.00	-70.93	-416.93	-3845.05	28.33	-327.54	1179.10
37413	73.41	13.92	4.00	-102.59	-403.37	-3745.63	38.75	-429.38	1125.04
37414	72.32	13.69	4.00	-138.13	-387.91	-3631.65	42.31	-513.63	1061.40
37415	71.26	13.42	4.00	-175.21	-371.80	-3506.95	38.58	-579.14	990.53
37416	70.22	13.11	4.00	-211.84	-356.42	-3375.15	27.50	-625.92	914.64
37417	69.20	12.76	4.00	-246.71	-343.27	-3239.48	9.23	-655.00	835.66
37418	68.21	12.36	4.00	-279.37	-334.20	-3102.86	-16.01	-668.38	755.08
37419	77.86	15.96	4.00	-68.08	-404.52	-4329.06	-30.62	65.43	1288.96
37420	76.70	15.89	4.00	-72.90	-402.44	-4290.87	-9.71	-58.46	1275.96
37421	75.54	15.77	4.00	-85.81	-395.31	-4228.04	8.55	-175.99	1246.77
37422	74.40	15.59	4.00	-105.36	-384.09	-4142.75	22.56	-283.48	1203.04

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]
37423	73.27	15.35	4.00	-129.81	-369.93	-4037.43	31.10	-377.87	1146.83
37424	72.17	15.05	4.00	-157.21	-354.24	-3914.97	33.43	-457.10	1080.52
37425	71.08	14.70	4.00	-185.64	-338.52	-3778.47	29.26	-520.12	1006.65
37426	70.03	14.30	4.00	-213.48	-324.33	-3631.08	18.68	-566.85	927.64
37427	69.00	13.84	4.00	-239.60	-313.23	-3475.87	2.01	-598.12	845.61
37428	68.01	13.34	4.00	-263.42	-306.74	-3315.80	-20.35	-615.64	762.26
37429	77.85	17.51	4.00	-111.94	-339.13	-4660.94	-27.60	78.56	1241.63
37430	76.66	17.43	4.00	-115.41	-337.71	-4619.22	-10.44	-28.78	1230.58
37431	75.47	17.28	4.00	-124.78	-332.03	-4551.82	4.58	-131.59	1204.57
37432	74.30	17.06	4.00	-139.11	-322.88	-4460.11	16.09	-226.97	1164.85
37433	73.15	16.77	4.00	-157.16	-311.40	-4346.00	23.05	-312.47	1113.18
37434	72.02	16.41	4.00	-177.47	-298.96	-4211.84	24.80	-386.30	1051.65
37435	70.92	15.99	4.00	-198.57	-287.04	-4060.32	21.07	-447.43	982.54
37436	69.85	15.49	4.00	-219.14	-277.13	-3894.36	11.92	-495.56	908.07
37437	68.81	14.94	4.00	-238.19	-270.72	-3717.03	-2.34	-531.09	830.27
37438	67.81	14.32	4.00	-255.31	-269.21	-3531.59	-21.37	-554.90	750.66
37439	63.29	9.48	4.00	-1018.27	-624.81	-2440.45	-538.64	-705.64	180.59
37440	63.87	10.43	4.00	-366.74	-444.64	-2626.29	-231.17	-621.07	347.94
37441	64.50	11.34	4.00	-329.70	-361.66	-2791.11	-148.54	-590.29	439.49
37442	64.20	9.42	4.00	-762.77	-364.11	-2381.10	-270.35	-656.80	363.96
37443	64.61	10.24	4.00	-512.64	-392.57	-2550.39	-236.80	-645.37	425.16
37444	65.05	11.04	4.00	-366.09	-361.74	-2719.90	-158.21	-628.93	482.18
37445	65.11	9.35	4.00	-620.81	-334.87	-2350.20	-166.18	-683.62	437.43
37446	65.34	10.06	4.00	-508.48	-348.12	-2504.94	-166.84	-675.35	477.70
37447	65.59	10.74	4.00	-410.57	-351.28	-2658.58	-142.44	-661.66	518.81
37448	66.88	13.65	4.00	-270.00	-274.31	-3343.84	-44.24	-569.22	673.57
37449	67.13	12.82	4.00	-283.78	-306.89	-3162.53	-46.02	-622.76	686.34
37450	67.38	11.99	4.00	-306.40	-330.42	-2983.40	-43.30	-669.58	685.80
37451	66.03	12.94	4.00	-283.57	-288.00	-3157.64	-70.69	-577.35	597.30
37452	66.37	12.28	4.00	-302.70	-314.49	-3018.69	-74.63	-624.15	616.82
37453	66.71	11.64	4.00	-330.46	-332.16	-2882.14	-71.58	-665.68	627.25
37454	65.22	12.17	4.00	-296.30	-312.67	-2973.34	-104.21	-582.07	520.13
37455	65.64	11.72	4.00	-324.56	-330.86	-2876.95	-109.71	-621.85	546.79
37456	66.05	11.27	4.00	-356.95	-339.54	-2783.43	-106.55	-658.52	567.87
37457	88.99	-9.43	4.00	-91.00	-32.17	154.98	-2.65	163.02	5.33
37458	89.93	-9.39	4.00	-92.93	-27.94	136.35	-9.95	166.63	31.37
37459	90.86	-9.35	4.00	-92.22	-25.16	113.93	-18.43	164.35	57.05
37460	89.16	-10.29	4.00	-83.51	-18.74	265.70	-11.20	125.46	38.46
37461	89.98	-10.16	4.00	-84.53	-17.06	235.66	-16.59	130.47	56.18
37462	90.79	-10.03	4.00	-84.24	-16.07	202.71	-22.75	132.06	74.11
37463	89.32	-11.15	4.00	-75.85	-6.22	375.98	-19.39	89.02	73.00
37464	90.01	-10.94	4.00	-76.59	-7.14	334.60	-22.78	95.60	82.21
37465	90.70	-10.71	4.00	-76.36	-7.57	290.85	-27.44	100.50	92.56
37466	78.96	-9.77	4.00	-50.20	-83.80	253.08	-11.83	44.86	-177.45
37467	79.98	-9.76	4.00	-56.47	-82.35	259.02	-5.45	55.29	-170.09
37468	80.99	-9.75	4.00	-61.42	-79.33	259.62	-0.01	65.46	-159.91
37469	82.01	-9.73	4.00	-65.31	-74.95	255.38	4.38	76.17	-146.98
37470	83.02	-9.70	4.00	-68.56	-69.47	247.08	7.66	87.91	-131.41
37471	84.03	-9.66	4.00	-71.65	-63.17	235.69	9.69	100.86	-113.36
37472	85.03	-9.63	4.00	-75.02	-56.39	222.10	10.37	114.76	-93.00
37473	86.03	-9.58	4.00	-78.88	-49.49	206.98	9.56	129.02	-70.59
37474	87.03	-9.53	4.00	-83.22	-42.83	190.62	7.13	142.72	-46.44
37475	88.03	-9.48	4.00	-87.65	-36.77	172.85	3.03	154.65	-21.02
37476	78.98	-11.32	4.00	-59.17	-46.63	485.80	-13.27	29.05	-80.33
37477	80.04	-11.29	4.00	-64.30	-45.77	487.82	-9.61	33.57	-75.16
37478	81.10	-11.24	4.00	-67.70	-43.92	482.04	-6.64	38.43	-68.74
37479	82.15	-11.18	4.00	-69.76	-41.25	469.16	-4.32	44.59	-60.93
37480	83.19	-11.10	4.00	-71.04	-37.97	450.21	-2.60	52.68	-51.62
37481	84.22	-11.00	4.00	-72.13	-34.29	426.33	-1.54	62.95	-40.67
37482	85.24	-10.88	4.00	-73.56	-30.46	398.61	-1.27	75.16	-27.98
37483	86.26	-10.75	4.00	-75.62	-26.72	367.86	-1.96	88.72	-13.53
37484	87.26	-10.60	4.00	-78.34	-23.30	334.54	-3.81	102.70	2.59
37485	88.25	-10.43	4.00	-81.40	-20.43	298.65	-6.96	115.93	20.19
37486	79.00	-12.86	4.00	-64.57	-8.10	705.84	-14.49	13.86	18.97
37487	80.10	-12.82	4.00	-68.64	-8.07	705.12	-13.42	13.33	21.97
37488	81.19	-12.75	4.00	-70.78	-7.78	694.49	-12.79	13.58	24.65
37489	82.28	-12.64	4.00	-71.45	-7.34	674.75	-12.38	15.69	27.35
37490	83.35	-12.51	4.00	-71.26	-6.82	646.98	-12.09	20.35	30.42
37491	84.40	-12.34	4.00	-70.85	-6.26	612.33	-11.94	27.87	34.26
37492	85.45	-12.15	4.00	-70.79	-5.76	571.93	-12.06	38.08	39.24
37493	86.47	-11.92	4.00	-71.40	-5.39	526.67	-12.69	50.44	45.63
37494	87.48	-11.67	4.00	-72.74	-5.27	477.15	-14.09	64.09	53.63
37495	88.47	-11.40	4.00	-74.61	-5.40	423.62	-16.52	78.08	63.14
37496	79.02	-14.41	4.00	-66.42	25.45	920.71	-14.87	-0.53	117.01
37497	80.16	-14.35	4.00	-69.61	24.71	917.99	-16.13	-5.32	117.97
37498	81.28	-14.25	4.00	-70.84	23.52	903.40	-17.58	-9.02	117.21
37499	82.39	-14.11	4.00	-70.57	21.92	877.70	-18.94	-10.57	115.22
37500	83.49	-13.92	4.00	-69.38	19.97	841.89	-20.04	-9.21	112.52
37501	84.58	-13.69	4.00	-67.92	17.77	797.10	-20.88	-4.57	109.69
37502	85.64	-13.42	4.00	-66.72	15.41	744.42	-21.59	3.28	107.31
37503	86.68	-13.11	4.00	-66.12	12.93	684.86	-22.43	13.90	105.91
37504	87.70	-12.76	4.00	-66.28	10.36	619.19	-23.69	26.59	105.87
37505	88.69	-12.36	4.00	-67.06	7.60	547.88	-25.70	40.42	107.61
37506	79.04	-15.96	4.00	-65.11	51.35	1130.23	-13.99	-14.02	211.54
37507	80.20	-15.89	4.00	-67.64	50.07	1126.06	-17.43	-22.42	210.67
37508	81.36	-15.77	4.00	-68.27	47.87	1108.03	-20.89	-29.58	206.97
37509	82.50	-15.59	4.00	-67.41	44.84	1076.82	-24.04	-34.49	200.94
37510	83.63	-15.35	4.00	-65.59	41.17	1033.36	-26.66	-36.38	193.17
37511	84.73	-15.05	4.00	-63.37	37.04	978.72	-28.72	-34.80	184.37
37512	85.82	-14.70	4.00	-61.28	32.65	914.07	-30.30	-29.69	175.27
37513	86.87	-14.30	4.00	-59.68	28.12	840.52	-31.63	-21.28	166.53
37514	87.90	-13.84	4.00	-58.78	23.52	759.12	-32.99	-10.11	158.72
37515	88.89	-13.34	4.00	-58.62	18.76	670.69	-34.66	3.11	152.29
37516	79.05	-17.51	4.00	-60.07	74.90	1328.58	-11.71	-26.79	301.94
37517	80.24	-17.43	4.00	-62.16	73.31	1323.63	-17.57	-38.40	299.57
37518	81.43	-17.28	4.00	-62.44	70.37	1303.10	-23.32	-48.77	293.46
37519	82.60	-17.06	4.00	-61.24	66.24	1267.53	-28.55	-56.95	284.08
37520	83.75	-16.77	4.00	-59.02	61.15	1217.75	-32.99	-62.17	272.03
37521	84.88	-16.41	4.00	-56.30	55.38	1154.76	-36.51	-63.89	258.03

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]
37522	85.98	-15.99	4.00	-53.60	49.20	1079.70	-39.14	-61.87	242.86
37523	87.05	-15.49	4.00	-51.31	42.82	993.79	-41.04	-56.08	227.27
37524	88.09	-14.94	4.00	-49.71	36.37	898.23	-42.45	-46.76	211.91
37525	89.09	-14.32	4.00	-48.83	29.77	794.09	-43.64	-34.42	197.47
37526	93.61	-9.48	4.00	-63.34	-17.55	57.88	-49.58	95.83	132.84
37527	93.04	-10.43	4.00	-58.72	-7.81	193.21	-48.99	66.84	140.65
37528	92.40	-11.34	4.00	-54.76	1.17	325.74	-48.54	40.02	150.50
37529	92.70	-9.42	4.00	-76.64	-19.80	76.77	-39.29	128.93	109.81
37530	92.29	-10.24	4.00	-69.96	-10.83	190.23	-40.07	97.35	119.22
37531	91.85	-11.04	4.00	-64.33	-2.67	302.03	-40.82	67.79	130.23
37532	91.79	-9.35	4.00	-86.68	-22.45	94.03	-28.64	152.01	84.13
37533	91.56	-10.06	4.00	-79.05	-13.99	187.39	-30.96	120.96	95.68
37534	91.31	-10.74	4.00	-72.83	-6.39	279.90	-32.94	91.57	108.70
37535	90.02	-13.65	4.00	-49.45	23.46	684.49	-44.93	-19.50	184.01
37536	89.77	-12.82	4.00	-59.42	14.38	582.18	-36.46	17.09	146.58
37537	89.52	-11.99	4.00	-68.13	5.02	481.39	-28.16	52.60	109.66
37538	90.87	-12.94	4.00	-50.63	16.30	570.69	-46.25	-1.91	172.07
37539	90.53	-12.28	4.00	-60.31	9.24	494.71	-38.19	31.48	141.88
37540	90.19	-11.64	4.00	-68.72	2.10	420.87	-30.31	62.73	111.68
37541	91.68	-12.17	4.00	-52.48	9.12	451.66	-47.47	17.09	161.46
37542	91.26	-11.72	4.00	-61.48	3.98	403.69	-40.11	46.28	138.31
37543	90.85	-11.27	4.00	-69.21	-1.73	357.92	-32.79	72.77	114.13
37544	89.18	-9.45	3.00	-102.70	-25.21	127.16	-8.63	167.39	-10.71
37545	90.13	-9.40	3.00	-106.53	-24.38	104.96	-16.25	172.31	15.20
37546	91.08	-9.36	3.00	-106.59	-25.26	76.61	-24.95	172.05	40.83
37547	89.34	-10.34	3.00	-94.12	-11.87	236.04	-16.01	129.94	24.21
37548	90.17	-10.21	3.00	-96.56	-13.28	202.69	-21.80	136.17	41.76
37549	91.00	-10.07	3.00	-96.87	-15.61	164.81	-28.31	139.41	59.47
37550	89.49	-11.22	3.00	-85.15	-0.19	344.35	-23.00	93.75	61.19
37551	90.21	-11.00	3.00	-86.98	-3.74	299.98	-26.85	101.42	69.90
37552	90.91	-10.77	3.00	-87.25	-7.03	252.32	-31.94	107.62	79.68
37553	78.97	-9.79	3.00	-36.10	-57.47	209.61	-13.70	38.80	-191.17
37554	80.00	-9.79	3.00	-42.88	-56.45	215.90	-7.50	51.86	-184.36
37555	81.03	-9.77	3.00	-49.19	-54.30	217.98	-2.33	64.47	-174.58
37556	82.06	-9.75	3.00	-55.18	-51.13	216.13	1.74	77.21	-161.94
37557	83.09	-9.73	3.00	-61.15	-47.18	210.83	4.62	90.44	-146.58
37558	84.11	-9.69	3.00	-67.37	-42.73	202.65	6.22	104.28	-128.68
37559	85.14	-9.65	3.00	-74.11	-38.09	192.06	6.40	118.56	-108.46
37560	86.16	-9.61	3.00	-81.43	-33.62	179.34	5.05	132.82	-86.17
37561	87.18	-9.55	3.00	-89.13	-29.68	164.38	2.09	146.40	-62.16
37562	88.19	-9.50	3.00	-96.70	-26.61	146.66	-2.51	158.43	-36.90
37563	78.98	-11.38	3.00	-45.09	-21.87	437.58	-15.38	23.64	-96.90
37564	80.05	-11.36	3.00	-50.62	-21.24	440.99	-11.41	30.73	-91.79
37565	81.12	-11.32	3.00	-55.35	-20.04	437.57	-8.35	37.89	-85.18
37566	82.18	-11.26	3.00	-59.52	-18.37	427.81	-6.03	45.89	-77.02
37567	83.24	-11.18	3.00	-63.50	-16.41	412.38	-4.47	55.25	-67.24
37568	84.29	-11.08	3.00	-67.69	-14.39	392.02	-3.71	66.22	-55.80
37569	85.33	-10.96	3.00	-72.41	-12.54	367.41	-3.85	78.67	-42.66
37570	86.37	-10.82	3.00	-77.81	-11.11	339.00	-5.06	92.21	-27.85
37571	87.40	-10.66	3.00	-83.73	-10.35	306.90	-7.49	106.18	-11.54
37572	88.41	-10.49	3.00	-89.73	-10.49	270.80	-11.24	119.70	6.05
37573	79.00	-12.97	3.00	-50.54	14.91	656.53	-16.74	8.77	4.47
37574	80.11	-12.94	3.00	-54.92	14.78	657.57	-14.95	10.67	7.62
37575	81.21	-12.87	3.00	-58.33	14.55	649.56	-13.86	13.04	10.80
37576	82.30	-12.77	3.00	-61.06	14.15	633.09	-13.18	16.78	14.19
37577	83.39	-12.63	3.00	-63.50	13.51	608.83	-12.84	22.55	18.02
37578	84.47	-12.46	3.00	-66.11	12.53	577.58	-12.84	30.66	22.56
37579	85.53	-12.26	3.00	-69.23	11.14	540.06	-13.30	41.11	28.07
37580	86.58	-12.03	3.00	-73.04	9.23	496.81	-14.41	53.57	34.75
37581	87.61	-11.77	3.00	-77.41	6.68	448.09	-16.41	67.43	42.71
37582	88.63	-11.48	3.00	-81.97	3.51	393.96	-19.52	81.99	51.83
37583	79.02	-14.56	3.00	-52.69	44.58	873.65	-17.09	-5.72	108.86
37584	80.16	-14.51	3.00	-56.08	43.63	872.66	-17.25	-8.26	109.92
37585	81.30	-14.42	3.00	-58.49	42.00	860.47	-17.89	-10.04	109.55
37586	82.42	-14.27	3.00	-60.18	39.68	837.65	-18.67	-10.06	108.04
37587	83.54	-14.08	3.00	-61.53	36.70	804.85	-19.45	-7.61	105.76
37588	84.64	-13.85	3.00	-62.97	33.14	762.82	-20.25	-2.26	103.18
37589	85.73	-13.57	3.00	-64.82	29.06	712.34	-21.19	6.06	100.78
37590	86.79	-13.25	3.00	-67.25	24.52	654.05	-22.47	17.11	99.00
37591	87.83	-12.88	3.00	-70.20	19.51	588.44	-24.37	30.33	98.24
37592	88.85	-12.48	3.00	-73.34	13.97	515.86	-27.18	45.01	98.94
37593	79.04	-16.15	3.00	-51.85	63.24	1089.65	-15.96	-19.67	208.95
37594	80.22	-16.09	3.00	-54.53	61.75	1086.75	-17.98	-25.83	207.95
37595	81.39	-15.96	3.00	-56.21	59.29	1070.38	-20.28	-31.00	204.26
37596	82.54	-15.78	3.00	-57.12	55.90	1041.06	-22.55	-34.23	198.23
37597	83.69	-15.54	3.00	-57.61	51.67	999.44	-24.63	-34.77	190.35
37598	84.82	-15.23	3.00	-58.04	46.75	946.32	-26.50	-32.15	181.26
37599	85.92	-14.88	3.00	-58.71	41.28	882.57	-28.27	-26.21	171.60
37600	87.00	-14.46	3.00	-59.78	35.35	809.07	-30.11	-17.08	162.02
37601	88.05	-13.99	3.00	-61.28	28.99	726.63	-32.24	-5.20	153.14
37602	89.07	-13.47	3.00	-63.06	22.10	636.02	-34.88	8.82	145.45
37603	79.06	-17.74	3.00	-48.96	75.61	1287.37	-13.29	-33.10	298.21
37604	80.27	-17.66	3.00	-51.13	73.84	1282.98	-17.67	-42.12	295.55
37605	81.47	-17.51	3.00	-52.20	70.90	1263.09	-22.12	-50.11	289.35
37606	82.67	-17.29	3.00	-52.40	66.83	1228.14	-26.32	-56.20	280.00
37607	83.84	-16.99	3.00	-52.02	61.76	1178.81	-30.08	-59.66	268.02
37608	84.99	-16.62	3.00	-51.41	55.90	1115.96	-33.33	-60.01	254.03
37609	86.12	-16.18	3.00	-50.90	49.42	1040.59	-36.09	-56.93	238.76
37610	87.21	-15.67	3.00	-50.71	42.47	953.77	-38.48	-50.39	222.89
37611	88.27	-15.10	3.00	-50.95	35.12	856.59	-40.67	-40.53	207.06
37612	89.29	-14.46	3.00	-51.55	27.22	750.00	-42.81	-27.79	191.96
37613	93.89	-9.50	3.00	-68.03	-31.18	-11.29	-53.98	107.01	119.92
37614	93.30	-10.47	3.00	-63.15	-19.37	129.27	-52.81	76.48	129.25
37615	92.66	-11.40	3.00	-58.98	-8.55	266.20	-51.65	48.48	140.72
37616	92.95	-9.43	3.00	-87.64	-28.28	21.30	-44.85	140.65	94.49
37617	92.54	-10.28	3.00	-79.63	-17.74	137.98	-44.71	107.65	105.50
37618	92.09	-11.10	3.00	-72.58	-8.17	252.52	-44.51	76.94	118.27
37619	92.02	-9.37	3.00	-99.78	-26.42	48.65	-35.14	161.78	68.23
37620	91.79	-10.09	3.00	-90.64	-16.97	143.02	-36.47	129.84	81.28

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]
37621	91.53	-10.80	3.00	-83.00	-8.69	236.39	-37.40	99.81	95.90
37622	90.24	-13.78	3.00	-53.17	19.36	637.32	-45.15	-12.56	177.68
37623	89.97	-12.93	3.00	-65.24	15.54	544.46	-37.66	23.56	138.49
37624	89.70	-12.09	3.00	-76.02	8.81	446.99	-30.38	58.09	99.94
37625	91.11	-13.04	3.00	-54.86	10.48	519.95	-47.53	5.40	164.77
37626	90.75	-12.38	3.00	-67.06	8.18	453.39	-40.28	38.75	132.58
37627	90.40	-11.73	3.00	-77.52	3.65	383.49	-33.22	69.17	101.02
37628	91.93	-12.26	3.00	-56.76	1.30	396.53	-49.74	24.86	153.11
37629	91.50	-11.80	3.00	-68.79	0.42	357.92	-42.99	54.45	127.83
37630	91.07	-11.34	3.00	-78.50	-2.51	316.89	-36.38	80.25	102.53
37631	67.90	-9.42	4.00	25.11	11.37	0.28	-97.72	-168.30	-50.80
37632	66.97	-9.38	4.00	37.66	31.33	-29.31	-103.03	-177.37	-25.10
37633	66.03	-9.34	4.00	59.50	55.59	-67.36	-109.94	-179.80	1.12
37634	67.72	-10.27	4.00	28.46	29.82	102.55	-93.20	-142.82	-11.48
37635	66.91	-10.15	4.00	40.15	46.24	62.15	-100.20	-152.05	6.55
37636	66.10	-10.02	4.00	57.95	66.97	16.24	-109.29	-157.69	25.34
37637	67.56	-11.13	4.00	26.81	47.95	205.42	-85.75	-117.93	30.47
37638	66.87	-10.92	4.00	35.83	60.51	155.00	-93.54	-127.32	40.19
37639	66.19	-10.70	4.00	48.42	77.51	101.21	-102.82	-135.24	51.54
37640	77.94	-9.77	4.00	-42.54	-83.65	240.89	-19.08	33.19	-182.12
37641	76.91	-9.76	4.00	-33.76	-81.80	223.37	-27.12	19.67	-183.86
37642	75.89	-9.74	4.00	-24.50	-78.07	202.11	-35.78	3.52	-182.14
37643	74.88	-9.72	4.00	-15.42	-72.51	178.23	-44.85	-15.51	-176.87
37644	73.87	-9.69	4.00	-7.17	-65.18	152.97	-54.05	-37.22	-167.99
37645	72.86	-9.65	4.00	-0.22	-56.20	127.39	-63.08	-61.00	-155.58
37646	71.85	-9.62	4.00	5.23	-45.68	102.17	-71.63	-85.84	-139.81
37647	70.85	-9.57	4.00	9.45	-33.71	77.47	-79.44	-110.50	-121.00
37648	69.86	-9.52	4.00	13.16	-20.29	52.80	-86.37	-133.55	-99.57
37649	68.86	-9.47	4.00	17.74	-5.37	26.96	-92.48	-153.48	-76.15
37650	77.91	-11.31	4.00	-52.04	-46.64	473.51	-17.79	23.85	-84.99
37651	76.84	-11.28	4.00	-43.31	-45.60	452.15	-23.28	16.63	-88.81
37652	75.77	-11.23	4.00	-33.61	-43.10	424.44	-29.75	6.51	-90.46
37653	74.72	-11.16	4.00	-23.69	-39.14	391.65	-37.08	-6.96	-89.76
37654	73.67	-11.07	4.00	-14.25	-33.71	355.17	-45.08	-23.73	-86.44
37655	72.64	-10.97	4.00	-5.82	-26.84	316.21	-53.47	-43.30	-80.36
37656	71.62	-10.86	4.00	1.35	-18.56	275.63	-61.96	-64.78	-71.44
37657	70.61	-10.72	4.00	7.48	-8.86	233.80	-70.29	-87.00	-59.79
37658	69.61	-10.58	4.00	13.23	2.38	190.53	-78.30	-108.62	-45.66
37659	68.62	-10.41	4.00	19.83	15.44	145.03	-86.13	-128.27	-29.42
37660	77.89	-12.86	4.00	-58.23	-8.12	693.78	-16.27	14.14	14.71
37661	76.77	-12.81	4.00	-50.03	-7.89	670.00	-19.15	12.51	9.46
37662	75.66	-12.73	4.00	-40.52	-6.88	637.53	-23.27	7.92	4.88
37663	74.57	-12.62	4.00	-30.45	-4.93	597.61	-28.66	-0.25	1.31
37664	73.50	-12.48	4.00	-20.53	-1.91	551.62	-35.21	-12.10	-0.79
37665	72.44	-12.31	4.00	-11.34	2.35	500.80	-42.68	-27.29	-1.02
37666	71.40	-12.12	4.00	-3.16	7.98	446.13	-50.79	-45.08	0.93
37667	70.38	-11.89	4.00	4.10	15.18	388.19	-59.28	-64.43	5.22
37668	69.38	-11.65	4.00	10.95	24.24	327.11	-68.01	-84.18	11.87
37669	68.39	-11.37	4.00	18.37	35.71	262.66	-77.13	-103.27	20.58
37670	77.87	-14.40	4.00	-60.96	25.54	908.97	-14.17	4.33	113.47
37671	76.72	-14.34	4.00	-53.56	25.20	883.50	-14.57	7.52	107.53
37672	75.58	-14.23	4.00	-44.67	24.94	847.09	-16.34	7.90	100.75
37673	74.45	-14.09	4.00	-34.96	25.06	800.83	-19.63	4.75	93.58
37674	73.35	-13.89	4.00	-25.11	25.89	746.02	-24.40	-2.19	86.64
37675	72.27	-13.66	4.00	-15.70	27.76	683.90	-30.50	-12.78	80.56
37676	71.21	-13.39	4.00	-7.06	31.00	615.55	-37.69	-26.47	75.85
37677	70.17	-13.08	4.00	0.75	35.96	541.81	-45.70	-42.45	72.92
37678	69.16	-12.73	4.00	7.97	43.10	463.22	-54.41	-59.74	72.04
37679	68.18	-12.34	4.00	15.14	53.26	379.96	-63.85	-77.40	73.51
37680	77.86	-15.95	4.00	-60.43	51.54	1118.78	-10.99	-5.36	208.93
37681	76.68	-15.88	4.00	-53.85	50.87	1092.02	-8.98	1.94	202.93
37682	75.51	-15.75	4.00	-45.71	49.75	1052.02	-8.36	6.78	194.73
37683	74.36	-15.57	4.00	-36.55	48.57	999.78	-9.35	8.39	184.83
37684	73.23	-15.32	4.00	-26.99	47.76	936.52	-12.03	6.35	173.92
37685	72.12	-15.03	4.00	-17.57	47.79	863.48	-16.33	0.60	162.73
37686	71.04	-14.68	4.00	-8.70	49.11	781.91	-22.10	-8.59	151.95
37687	69.99	-14.28	4.00	-0.61	52.17	692.94	-29.13	-20.69	142.16
37688	68.97	-13.82	4.00	6.73	57.53	597.51	-37.24	-35.00	133.85
37689	67.98	-13.32	4.00	13.48	65.84	496.31	-46.35	-50.79	127.42
37690	77.85	-17.50	4.00	-55.97	75.06	1317.15	-6.18	-14.83	300.27
37691	76.65	-17.43	4.00	-50.06	74.02	1289.51	-1.56	-3.86	294.68
37692	75.46	-17.28	4.00	-42.53	72.07	1246.74	1.71	5.12	285.77
37693	74.29	-17.06	4.00	-33.83	69.64	1189.67	3.26	11.36	273.99
37694	73.14	-16.77	4.00	-24.51	67.23	1119.36	2.91	14.29	260.00
37695	72.00	-16.41	4.00	-15.10	65.36	1037.03	0.59	13.62	244.54
37696	70.90	-15.98	4.00	-6.12	64.60	944.01	-3.63	9.29	228.36
37697	69.83	-15.48	4.00	2.07	65.50	841.61	-9.62	1.48	212.16
37698	68.80	-14.93	4.00	9.27	68.67	731.11	-17.23	-9.51	196.55
37699	67.80	-14.31	4.00	15.68	74.80	613.56	-26.28	-23.18	182.23
37700	63.29	-9.48	4.00	297.70	360.76	-211.36	-296.41	-183.33	154.61
37701	63.86	-10.43	4.00	53.28	221.39	-54.47	-141.40	-137.08	138.77
37702	64.49	-11.33	4.00	42.03	158.92	101.91	-91.40	-106.82	141.65
37703	64.20	-9.42	4.00	163.68	148.59	-166.10	-152.87	-164.76	68.24
37704	64.60	-10.23	4.00	104.43	151.11	-31.72	-145.42	-146.62	89.37
37705	65.04	-11.03	4.00	49.38	131.26	88.62	-106.96	-120.20	106.01
37706	65.11	-9.35	4.00	97.33	94.12	-110.19	-123.31	-174.52	31.71
37707	65.33	-10.05	4.00	81.88	97.41	-15.89	-122.40	-154.86	52.20
37708	65.58	-10.73	4.00	58.00	101.44	78.98	-110.58	-133.06	73.30
37709	66.87	-13.64	4.00	20.52	84.45	492.22	-36.94	-39.10	169.11
37710	67.11	-12.80	4.00	19.36	76.55	396.96	-56.49	-66.59	121.84
37711	67.35	-11.97	4.00	21.98	64.32	303.48	-72.98	-92.30	75.60
37712	66.02	-12.93	4.00	24.81	98.73	368.06	-49.56	-57.94	157.99
37713	66.35	-12.27	4.00	25.73	89.71	300.09	-68.17	-82.33	117.56
37714	66.68	-11.62	4.00	29.76	75.81	234.42	-82.44	-104.27	77.89
37715	65.21	-12.17	4.00	28.92	120.80	238.05	-66.30	-78.55	149.60
37716	65.62	-11.71	4.00	34.32	108.89	199.31	-82.84	-98.80	115.07
37717	66.03	-11.26	4.00	39.61	90.95	162.46	-94.28	-116.23	81.29
37718	67.71	-9.43	3.00	33.26	23.21	-28.90	-100.95	-187.46	-55.76
37719	66.76	-9.39	3.00	53.72	41.42	-64.34	-109.05	-202.74	-28.01

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]
37720	65.81	-9.35	3.00	90.29	64.36	-110.18	-120.64	-215.87	2.41
37721	67.52	-10.30	3.00	33.59	42.62	68.80	-99.55	-164.66	-13.84
37722	66.69	-10.18	3.00	51.12	58.01	23.87	-109.52	-179.17	6.62
37723	65.87	-10.05	3.00	78.86	78.66	-27.54	-123.55	-193.05	29.66
37724	67.35	-11.18	3.00	27.51	61.74	167.84	-93.72	-141.27	31.17
37725	66.65	-10.97	3.00	39.99	73.89	114.05	-104.05	-154.54	43.06
37726	65.96	-10.74	3.00	58.50	91.78	56.66	-117.06	-168.05	57.97
37727	77.93	-9.79	3.00	-28.82	-57.22	198.60	-20.79	24.56	-195.14
37728	76.89	-9.78	3.00	-21.10	-55.61	183.33	-28.56	8.72	-195.93
37729	75.85	-9.76	3.00	-13.53	-52.44	165.07	-36.91	-9.21	-193.25
37730	74.81	-9.74	3.00	-6.53	-47.75	144.67	-45.63	-29.38	-187.02
37731	73.78	-9.71	3.00	-0.48	-41.63	122.95	-54.47	-51.58	-177.25
37732	72.76	-9.67	3.00	4.41	-34.15	100.54	-63.20	-75.34	-164.06
37733	71.73	-9.63	3.00	8.24	-25.39	77.71	-71.60	-99.90	-147.62
37734	70.71	-9.59	3.00	11.53	-15.39	54.26	-79.51	-124.36	-128.25
37735	69.70	-9.54	3.00	15.41	-4.12	29.39	-86.90	-147.79	-106.29
37736	68.69	-9.48	3.00	21.76	8.58	1.62	-94.00	-169.27	-82.23
37737	77.90	-11.37	3.00	-38.44	-21.80	425.98	-20.17	15.71	-101.00
37738	76.80	-11.34	3.00	-30.85	-20.89	406.70	-25.78	5.97	-103.63
37739	75.72	-11.29	3.00	-23.02	-18.79	381.86	-32.33	-6.15	-103.92
37740	74.64	-11.22	3.00	-15.38	-15.51	352.47	-39.64	-21.00	-101.71
37741	73.58	-11.13	3.00	-8.38	-11.07	319.48	-47.55	-38.55	-96.87
37742	72.53	-11.03	3.00	-2.28	-5.46	283.68	-55.84	-58.45	-89.30
37743	71.49	-10.91	3.00	2.99	1.31	245.53	-64.33	-80.04	-79.02
37744	70.46	-10.77	3.00	7.90	9.29	205.04	-72.87	-102.51	-66.15
37745	69.44	-10.62	3.00	13.51	18.67	161.71	-81.48	-125.00	-50.87
37746	68.44	-10.45	3.00	21.56	29.85	114.49	-90.51	-146.65	-33.40
37747	77.88	-12.96	3.00	-44.80	15.01	644.75	-19.15	6.40	0.66
37748	76.74	-12.91	3.00	-37.84	15.25	622.68	-22.46	2.35	-3.37
37749	75.61	-12.82	3.00	-30.32	16.03	592.67	-26.98	-4.28	-6.48
37750	74.50	-12.71	3.00	-22.72	17.47	555.72	-32.62	-13.96	-8.38
37751	73.40	-12.57	3.00	-15.48	19.72	512.80	-39.27	-26.84	-8.76
37752	72.33	-12.40	3.00	-8.89	22.92	464.76	-46.78	-42.70	-7.31
37753	71.27	-12.20	3.00	-2.98	27.26	412.19	-54.96	-61.02	-3.84
37754	70.22	-11.97	3.00	2.64	32.96	355.31	-63.68	-81.09	1.78
37755	69.20	-11.71	3.00	8.80	40.42	293.99	-72.98	-102.12	9.65
37756	68.20	-11.43	3.00	16.90	50.44	227.80	-83.26	-123.49	19.67
37757	77.86	-14.55	3.00	-47.88	44.88	861.84	-17.37	-3.28	105.70
37758	76.68	-14.48	3.00	-41.81	44.71	837.59	-18.51	-2.33	100.78
37759	75.52	-14.37	3.00	-35.00	44.36	803.00	-20.98	-3.92	95.18
37760	74.37	-14.22	3.00	-27.89	44.16	758.96	-24.76	-8.68	89.33
37761	73.25	-14.02	3.00	-20.89	44.41	706.42	-29.81	-16.91	83.73
37762	72.15	-13.79	3.00	-14.31	45.47	646.26	-36.03	-28.54	78.86
37763	71.07	-13.51	3.00	-8.23	47.68	579.23	-43.25	-43.22	75.18
37764	70.01	-13.18	3.00	-2.44	51.49	505.86	-51.32	-60.33	73.11
37765	68.98	-12.82	3.00	3.56	57.48	426.47	-60.28	-79.17	73.02
37766	67.98	-12.43	3.00	10.60	66.77	341.17	-70.38	-99.03	75.50
37767	77.84	-16.14	3.00	-47.84	63.76	1077.90	-14.26	-13.39	206.77
37768	76.64	-16.07	3.00	-42.62	63.45	1051.73	-13.35	-8.32	201.56
37769	75.45	-15.93	3.00	-36.53	62.53	1012.65	-13.70	-5.54	194.16
37770	74.28	-15.74	3.00	-29.93	61.42	961.50	-15.39	-5.76	185.09
37771	73.12	-15.49	3.00	-23.19	60.53	899.22	-18.45	-9.40	174.96
37772	72.00	-15.19	3.00	-16.61	60.31	826.79	-22.85	-16.57	164.44
37773	70.89	-14.83	3.00	-10.35	61.22	745.21	-28.49	-27.08	154.21
37774	69.82	-14.41	3.00	-4.41	63.77	655.41	-35.26	-40.51	144.89
37775	68.78	-13.95	3.00	1.43	68.60	558.24	-43.12	-56.28	137.10
37776	67.78	-13.43	3.00	7.47	76.56	454.41	-52.20	-73.84	131.46
37777	77.84	-17.73	3.00	-45.46	76.12	1275.75	-9.21	-23.82	297.06
37778	76.61	-17.65	3.00	-40.75	75.61	1248.21	-5.89	-15.41	292.23
37779	75.40	-17.50	3.00	-35.00	74.20	1205.53	-3.71	-8.83	284.20
37780	74.20	-17.27	3.00	-28.51	72.35	1148.46	-2.93	-4.78	273.39
37781	73.03	-16.97	3.00	-21.62	70.48	1077.92	-3.68	-3.75	260.43
37782	71.87	-16.60	3.00	-14.67	69.09	995.00	-6.03	-6.02	246.00
37783	70.75	-16.16	3.00	-7.96	68.69	900.89	-9.97	-11.68	230.82
37784	69.66	-15.66	3.00	-1.69	69.85	796.86	-15.46	-20.61	215.60
37785	68.60	-15.08	3.00	4.10	73.24	684.16	-22.45	-32.58	201.02
37786	67.59	-14.45	3.00	9.71	79.64	563.93	-30.95	-47.21	187.89
37787	63.01	-9.49	3.00	469.32	467.01	-180.31	-401.12	-372.60	273.75
37788	63.59	-10.46	3.00	46.43	261.77	-101.52	-159.46	-178.20	181.47
37789	64.23	-11.40	3.00	40.42	177.68	48.56	-98.54	-142.29	163.86
37790	63.94	-9.43	3.00	263.82	162.30	-212.35	-195.09	-262.46	105.10
37791	64.34	-10.27	3.00	138.83	179.28	-79.64	-181.45	-205.63	120.11
37792	64.79	-11.08	3.00	49.59	151.41	36.99	-123.18	-157.81	123.22
37793	64.87	-9.36	3.00	154.91	103.96	-160.29	-143.77	-229.86	43.35
37794	65.09	-10.07	3.00	114.68	112.07	-63.71	-145.33	-201.66	65.41
37795	65.34	-10.78	3.00	69.46	118.86	31.34	-129.01	-170.73	85.34
37796	66.65	-13.76	3.00	14.36	89.99	439.90	-41.28	-64.24	176.33
37797	66.89	-12.90	3.00	13.41	87.46	352.15	-62.75	-91.67	127.10
37798	67.14	-12.05	3.00	18.37	77.59	262.12	-80.63	-116.55	78.92
37799	65.78	-13.03	3.00	19.05	105.87	313.48	-53.88	-84.63	167.62
37800	66.12	-12.36	3.00	20.55	101.58	252.43	-75.59	-109.92	124.89
37801	66.46	-11.69	3.00	28.21	89.66	190.42	-91.82	-131.51	83.12
37802	64.96	-12.25	3.00	23.60	131.02	182.21	-71.52	-107.66	163.54
37803	65.38	-11.78	3.00	31.00	123.23	149.18	-92.52	-130.22	126.08
37804	65.80	-11.32	3.00	41.06	106.13	115.65	-106.90	-147.48	89.85
37805	79.04	1.65	1.75	63.26	-104.16	-1719.60	-19.48	134.34	-220.14
37806	79.04	0.55	1.75	58.81	-99.64	-1528.12	-16.39	126.26	-286.43
37807	79.04	-0.55	1.75	52.68	-98.09	-1333.29	-13.91	117.43	-336.21
37808	79.04	-1.65	1.75	45.27	-97.79	-1137.77	-12.05	107.99	-369.69
37809	80.21	1.65	1.75	45.97	-106.69	-1696.25	-12.05	228.21	-211.62
37810	80.22	0.55	1.75	42.12	-101.66	-1505.96	-7.04	212.13	-277.00
37811	80.22	-0.55	1.75	36.70	-99.59	-1312.64	-3.22	194.78	-326.18
37812	80.21	-1.65	1.75	30.09	-98.79	-1118.86	-0.59	176.58	-359.35
37813	81.38	1.65	1.75	20.77	-110.98	-1659.06	-6.21	317.25	-196.15
37814	81.39	0.55	1.75	18.41	-104.92	-1471.96	0.62	293.61	-260.19
37815	81.39	-0.55	1.75	14.63	-101.81	-1282.23	5.74	268.23	-308.60
37816	81.38	-1.65	1.75	9.78	-100.03	-1092.31	9.15	241.77	-341.52
37817	82.56	1.65	1.75	-11.51	-117.06	-1610.17	-2.65	399.37	-174.45
37818	82.57	0.55	1.75	-11.64	-109.48	-1427.89	5.88	368.96	-236.73

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]
37819	82.57	-0.55	1.75	-12.98	-104.84	-1243.56	12.25	336.37	-284.16
37820	82.56	-1.65	1.75	-15.27	-101.63	-1059.32	16.46	302.48	-316.84
37821	83.73	1.65	1.75	-49.76	-124.92	-1552.36	-1.89	472.72	-147.53
37822	83.75	0.55	1.75	-47.11	-115.42	-1376.12	8.15	436.56	-207.62
37823	83.75	-0.55	1.75	-45.41	-108.85	-1198.53	15.71	397.85	-253.84
37824	83.73	-1.65	1.75	-44.52	-103.81	-1021.37	20.76	357.63	-286.24
37825	84.91	1.65	1.75	-92.57	-134.54	-1489.17	-4.19	535.79	-116.59
37826	84.93	0.55	1.75	-86.83	-122.83	-1319.64	7.14	495.05	-174.10
37827	84.93	-0.55	1.75	-81.75	-114.00	-1149.61	15.77	451.50	-218.86
37828	84.91	-1.65	1.75	-77.28	-106.79	-980.42	21.67	406.24	-250.86
37829	86.08	1.65	1.75	-138.20	-145.88	-1424.86	-9.52	587.61	-82.95
37830	86.11	0.55	1.75	-129.32	-131.77	-1262.16	2.77	543.49	-137.54
37831	86.11	-0.55	1.75	-120.74	-120.45	-1099.89	12.31	496.41	-180.57
37832	86.08	-1.65	1.75	-112.55	-110.81	-938.97	19.03	447.48	-211.99
37833	87.25	1.65	1.75	-184.64	-158.81	-1364.40	-17.55	627.85	-47.88
37834	87.28	0.55	1.75	-172.77	-142.25	-1208.06	-4.69	581.48	-99.30
37835	87.28	-0.55	1.75	-160.84	-128.32	-1053.16	5.51	532.11	-140.36
37836	87.25	-1.65	1.75	-149.06	-116.11	-900.17	12.95	480.85	-170.99
37837	88.43	1.65	1.75	-229.59	-173.15	-1313.39	-27.68	656.97	-12.50
37838	88.46	0.55	1.75	-215.09	-154.22	-1162.40	-14.71	609.29	-60.62
37839	88.46	-0.55	1.75	-200.19	-137.70	-1013.84	-4.18	558.74	-99.52
37840	88.43	-1.65	1.75	-185.17	-122.88	-867.82	3.78	506.31	-129.15
37841	89.60	1.65	1.75	-270.52	-188.66	-1277.99	-39.00	676.22	22.26
37842	89.64	0.55	1.75	-253.93	-167.59	-1130.83	-26.46	627.93	-22.55
37843	89.64	-0.55	1.75	-236.61	-148.62	-987.07	-16.01	577.02	-59.19
37844	89.60	-1.65	1.75	-218.92	-131.25	-846.47	-7.82	524.35	-87.63
37845	90.78	1.65	1.75	-304.40	-204.98	-1265.09	-50.28	687.42	55.73
37846	90.82	0.55	1.75	-286.39	-182.13	-1119.82	-38.80	638.96	14.10
37847	90.82	-0.55	1.75	-267.39	-161.01	-978.78	-28.97	588.21	-20.27
37848	90.78	-1.65	1.75	-247.78	-141.30	-841.47	-20.98	535.89	-47.39
37849	91.95	1.65	1.75	-327.17	-221.57	-1282.68	-59.90	692.48	87.41
37850	92.00	0.55	1.75	-308.57	-197.50	-1136.95	-50.24	644.07	48.75
37851	92.00	-0.55	1.75	-288.80	-174.68	-996.07	-41.71	593.71	16.59
37852	91.95	-1.65	1.75	-268.22	-152.99	-859.38	-34.51	542.02	-9.12
37853	93.12	1.65	1.75	-332.31	-237.44	-1340.27	-65.57	691.84	116.69
37854	93.17	0.55	1.75	-314.20	-212.94	-1191.35	-58.75	643.65	80.85
37855	93.17	-0.55	1.75	-294.84	-189.10	-1047.58	-52.46	593.79	50.86
37856	93.12	-1.65	1.75	-274.56	-165.98	-908.28	-46.87	542.80	26.66
37857	94.30	1.65	1.75	-308.67	-250.75	-1449.93	-63.97	680.57	141.96
37858	94.35	0.55	1.75	-292.54	-226.99	-1294.80	-61.39	633.19	109.22
37859	94.35	-0.55	1.75	-275.28	-203.13	-1144.58	-58.69	584.24	81.72
37860	94.30	-1.65	1.75	-257.16	-179.43	-998.69	-55.97	534.23	59.40
37861	95.47	1.65	1.75	-236.39	-254.52	-1603.06	-50.55	629.53	157.53
37862	95.53	0.55	1.75	-224.28	-233.50	-1440.29	-54.10	585.40	129.97
37863	95.53	-0.55	1.75	-211.75	-211.41	-1281.28	-56.80	539.76	106.78
37864	95.47	-1.65	1.75	-198.92	-188.65	-1125.75	-58.71	493.18	87.92
37865	96.65	1.65	1.75	-160.97	-250.39	-1761.79	-29.33	520.61	157.19
37866	96.71	0.55	1.75	-150.99	-233.12	-1593.33	-37.65	482.13	137.49
37867	96.71	-0.55	1.75	-141.96	-214.29	-1426.83	-45.00	443.20	121.27
37868	96.65	-1.65	1.75	-133.73	-194.27	-1262.58	-51.25	403.88	108.44
37869	79.05	1.65	0.25	67.32	-100.91	-1511.48	-15.20	114.15	-227.61
37870	79.05	0.55	0.25	66.37	-89.49	-1349.79	-12.52	106.95	-285.64
37871	79.05	-0.55	0.25	63.38	-81.74	-1185.26	-10.41	99.12	-330.10
37872	79.05	-1.65	0.25	58.74	-76.17	-1019.70	-8.92	90.76	-360.93
37873	80.25	1.65	0.25	49.88	-103.71	-1492.98	-12.43	196.36	-220.83
37874	80.25	0.55	0.25	49.43	-91.86	-1331.96	-7.79	182.79	-278.06
37875	80.25	-0.55	0.25	47.06	-83.65	-1168.38	-4.17	168.10	-321.97
37876	80.25	-1.65	0.25	43.15	-77.62	-1004.01	-1.61	152.60	-352.51
37877	81.44	1.65	0.25	24.70	-108.60	-1463.51	-10.97	274.50	-208.40
37878	81.45	0.55	0.25	25.47	-95.88	-1304.54	-4.47	254.87	-264.43
37879	81.45	-0.55	0.25	24.49	-86.76	-1143.43	0.59	233.65	-307.58
37880	81.44	-1.65	0.25	22.09	-79.84	-981.82	4.19	211.38	-337.77
37881	82.64	1.65	0.25	-7.50	-115.59	-1425.02	-11.34	346.72	-190.84
37882	82.65	0.55	0.25	-4.90	-101.59	-1269.22	-3.12	321.56	-245.28
37883	82.65	-0.55	0.25	-3.83	-91.15	-1111.86	3.32	294.44	-287.44
37884	82.64	-1.65	0.25	-4.03	-82.94	-954.35	7.94	266.02	-317.24
37885	83.84	1.65	0.25	-45.79	-124.66	-1380.03	-13.92	411.47	-168.87
37886	83.86	0.55	0.25	-40.89	-109.06	-1228.24	-4.17	381.51	-221.37
37887	83.86	-0.55	0.25	-37.26	-96.93	-1075.56	3.56	349.27	-262.33
37888	83.84	-1.65	0.25	-34.72	-87.08	-923.13	9.20	315.55	-291.66
37889	85.04	1.65	0.25	-89.04	-135.82	-1331.69	-18.93	467.60	-143.35
37890	85.06	0.55	0.25	-81.54	-118.34	-1184.34	-7.85	433.66	-193.62
37891	85.06	-0.55	0.25	-75.01	-104.25	-1036.86	1.04	397.24	-233.18
37892	85.04	-1.65	0.25	-69.37	-92.45	-890.11	7.66	359.19	-261.93
37893	86.23	1.65	0.25	-136.00	-149.05	-1283.72	-26.37	514.50	-115.21
37894	86.26	0.55	0.25	-125.73	-129.50	-1140.82	-14.22	477.42	-163.02
37895	86.26	-0.55	0.25	-116.14	-113.23	-998.64	-4.32	437.77	-200.99
37896	86.23	-1.65	0.25	-107.21	-99.26	-857.70	3.23	396.41	-229.04
37897	87.43	1.65	0.25	-185.30	-164.34	-1240.34	-36.04	552.22	-85.30
37898	87.46	0.55	0.25	-172.27	-142.64	-1101.50	-23.12	512.77	-130.52
37899	87.46	-0.55	0.25	-159.61	-124.04	-964.23	-12.40	470.77	-166.78
37900	87.43	-1.65	0.25	-147.37	-107.74	-828.77	-4.02	427.07	-194.01
37901	88.63	1.65	0.25	-235.61	-181.71	-1206.29	-47.56	581.61	-54.30
37902	88.66	0.55	0.25	-219.93	-157.83	-1070.71	-34.18	540.38	-96.97
37903	88.66	-0.55	0.25	-204.31	-136.86	-937.54	-22.88	496.79	-131.47
37904	88.63	-1.65	0.25	-188.90	-118.13	-806.76	-13.81	451.57	-157.78
37905	89.83	1.65	0.25	-285.66	-201.21	-1186.88	-60.35	604.42	-22.67
37906	89.86	0.55	0.25	-267.50	-175.20	-1053.37	-46.85	561.81	-62.93
37907	89.86	-0.55	0.25	-249.15	-151.88	-923.07	-35.24	517.11	-95.74
37908	89.83	-1.65	0.25	-230.78	-130.71	-795.70	-25.67	470.97	-121.12
37909	91.02	1.65	0.25	-334.18	-222.97	-1188.31	-73.61	623.54	9.53
37910	91.06	0.55	0.25	-313.78	-194.97	-1055.32	-60.38	579.63	-28.69
37911	91.06	-0.55	0.25	-292.95	-169.39	-926.22	-48.78	534.00	-60.02
37912	91.02	-1.65	0.25	-271.89	-145.83	-800.55	-38.96	487.20	-84.54
37913	92.22	1.65	0.25	-379.53	-247.23	-1218.55	-86.27	643.15	42.74
37914	92.27	0.55	0.25	-357.14	-217.45	-1084.08	-73.73	597.69	5.98
37915	92.27	-0.55	0.25	-334.13	-189.77	-954.04	-62.53	550.94	-24.29
37916	92.22	-1.65	0.25	-310.72	-163.92	-827.88	-52.81	503.32	-48.20
37917	93.42	1.65	0.25	-418.47	-274.38	-1289.94	-96.59	669.09	77.96



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]
37918	93.47	0.55	0.25	-394.49	-243.15	-1151.28	-85.38	621.48	41.84
37919	93.47	-0.55	0.25	-369.70	-213.63	-1017.43	-75.15	572.95	12.00
37920	93.42	-1.65	0.25	-344.33	-185.67	-887.78	-66.06	523.85	-11.75
37921	94.62	1.65	0.25	-441.38	-304.43	-1423.16	-101.24	707.52	116.73
37922	94.67	0.55	0.25	-416.71	-272.34	-1276.32	-92.54	656.90	80.27
37923	94.67	-0.55	0.25	-391.03	-241.45	-1134.53	-84.39	605.54	50.03
37924	94.62	-1.65	0.25	-364.58	-211.73	-997.14	-76.89	553.79	25.81
37925	95.81	1.65	0.25	-419.09	-339.04	-1684.64	-91.92	760.03	159.79
37926	95.87	0.55	0.25	-396.17	-307.51	-1521.70	-88.72	706.14	122.47
37927	95.87	-0.55	0.25	-372.09	-276.07	-1363.28	-85.24	650.97	91.24
37928	95.81	-1.65	0.25	-347.15	-244.97	-1208.94	-81.74	595.13	65.97
37929	97.01	1.65	0.25	-190.81	-332.60	-2004.12	-39.88	642.34	176.80
37930	97.07	0.55	0.25	-180.44	-308.22	-1824.51	-50.68	597.27	148.48
37931	97.07	-0.55	0.25	-170.54	-282.29	-1647.06	-59.95	550.91	124.88
37932	97.01	-1.65	0.25	-160.85	-255.22	-1472.00	-67.61	503.46	105.81
37933	79.06	1.65	-1.25	85.94	-79.95	-1333.51	-8.28	94.40	-247.13
37934	79.06	0.55	-1.25	86.81	-65.63	-1195.82	-5.99	88.10	-296.52
37935	79.06	-0.55	-1.25	85.48	-55.24	-1055.98	-4.27	81.27	-334.75
37936	79.06	-1.65	-1.25	82.28	-47.51	-915.17	-3.14	74.01	-361.65
37937	80.28	1.65	-1.25	68.61	-82.82	-1319.03	-8.86	165.44	-241.85
37938	80.29	0.55	-1.25	69.91	-68.13	-1181.64	-4.67	154.05	-290.56
37939	80.29	-0.55	-1.25	69.13	-57.32	-1042.36	-1.39	141.67	-328.31
37940	80.28	-1.65	-1.25	66.59	-49.17	-902.31	0.95	128.58	-354.93
37941	81.50	1.65	-1.25	43.93	-87.95	-1296.17	-10.52	233.02	-231.90
37942	81.51	0.55	-1.25	46.24	-72.52	-1160.02	-4.54	216.72	-279.57
37943	81.51	-0.55	-1.25	46.63	-60.93	-1022.36	0.24	199.04	-316.61
37944	81.50	-1.65	-1.25	45.41	-51.98	-884.22	3.76	180.38	-342.87
37945	82.72	1.65	-1.25	12.47	-95.36	-1266.63	-13.65	295.49	-217.67
37946	82.74	0.55	-1.25	16.29	-78.85	-1132.48	-5.99	274.67	-263.95
37947	82.74	-0.55	-1.25	18.40	-66.11	-997.32	0.20	252.12	-300.06
37948	82.72	-1.65	-1.25	19.06	-56.02	-862.03	4.86	228.37	-325.86
37949	83.94	1.65	-1.25	-25.05	-105.03	-1232.62	-18.53	351.50	-199.69
37950	83.96	0.55	-1.25	-19.31	-87.16	-1101.00	-9.35	326.69	-244.27
37951	83.96	-0.55	-1.25	-15.03	-72.97	-968.97	-1.84	299.87	-279.26
37952	83.94	-1.65	-1.25	-12.03	-61.42	-837.23	3.92	271.67	-304.50
37953	85.17	1.65	-1.25	-67.77	-117.00	-1196.86	-25.34	400.09	-178.60
37954	85.19	0.55	-1.25	-59.81	-97.52	-1068.04	-14.82	371.88	-221.23
37955	85.19	-0.55	-1.25	-53.05	-81.61	-939.46	-6.11	341.49	-254.91
37956	85.17	-1.65	-1.25	-47.36	-68.34	-811.63	0.72	309.59	-279.49
37957	86.39	1.65	-1.25	-114.83	-131.29	-1162.50	-34.11	440.75	-155.06
37958	86.41	0.55	-1.25	-104.44	-110.01	-1036.43	-22.46	409.76	-195.58
37959	86.41	-0.55	-1.25	-94.98	-92.19	-911.33	-12.67	376.53	-227.80
37960	86.39	-1.65	-1.25	-86.39	-76.98	-787.45	-4.85	341.73	-251.62
37961	87.61	1.65	-1.25	-165.43	-147.99	-1133.05	-44.78	473.56	-129.70
37962	87.64	0.55	-1.25	-152.49	-124.77	-1009.43	-32.19	440.36	-168.01
37963	87.64	-0.55	-1.25	-140.22	-104.87	-887.47	-21.47	404.96	-198.70
37964	87.61	-1.65	-1.25	-128.60	-87.54	-767.23	-12.73	368.01	-221.66
37965	88.83	1.65	-1.25	-219.05	-167.28	-1112.39	-57.16	499.24	-102.97
37966	88.86	0.55	-1.25	-203.47	-142.00	-990.61	-43.82	464.31	-139.12
37967	88.86	-0.55	-1.25	-188.32	-119.90	-871.16	-32.31	427.30	-168.25
37968	88.83	-1.65	-1.25	-173.63	-100.32	-753.93	-22.75	388.85	-190.31
37969	90.05	1.65	-1.25	-275.65	-189.47	-1104.74	-71.03	519.37	-75.11
37970	90.09	0.55	-1.25	-257.31	-162.04	-983.97	-57.10	482.97	-109.27
37971	90.09	-0.55	-1.25	-239.22	-137.63	-866.11	-44.93	444.76	-136.93
37972	90.05	-1.65	-1.25	-221.41	-115.69	-750.91	-34.62	405.28	-158.10
37973	91.27	1.65	-1.25	-335.98	-215.16	-1114.99	-86.14	536.55	-45.96
37974	91.31	0.55	-1.25	-314.69	-185.46	-994.12	-71.72	498.75	-78.46
37975	91.31	-0.55	-1.25	-293.50	-158.65	-876.64	-58.97	459.47	-104.88
37976	91.27	-1.65	-1.25	-272.45	-134.23	-762.20	-48.00	419.16	-125.29
37977	92.49	1.65	-1.25	-402.11	-245.48	-1149.46	-102.34	555.05	-14.74
37978	92.54	0.55	-1.25	-377.48	-213.32	-1027.07	-87.41	515.57	-46.17
37979	92.54	-0.55	-1.25	-352.84	-183.93	-908.42	-74.10	475.01	-71.79
37980	92.49	-1.65	-1.25	-328.25	-156.87	-793.11	-62.48	433.73	-91.73
37981	93.71	1.65	-1.25	-478.27	-282.47	-1217.60	-119.58	582.07	20.38
37982	93.76	0.55	-1.25	-449.56	-247.51	-1091.73	-104.01	540.17	-10.93
37983	93.76	-0.55	-1.25	-420.77	-215.24	-969.86	-90.03	497.61	-36.51
37984	93.71	-1.65	-1.25	-391.98	-185.25	-851.53	-77.70	454.68	-56.54
37985	94.93	1.65	-1.25	-572.76	-330.94	-1341.61	-138.02	632.92	63.69
37986	94.99	0.55	-1.25	-538.68	-292.46	-1208.89	-121.47	586.86	30.78
37987	94.99	-0.55	-1.25	-504.41	-256.65	-1080.31	-106.59	540.57	3.81
37988	94.93	-1.65	-1.25	-470.04	-223.11	-955.39	-93.37	494.30	-17.48
37989	96.15	1.65	-1.25	-700.03	-398.41	-1555.55	-157.83	743.01	125.96
37990	96.21	0.55	-1.25	-658.48	-355.24	-1409.80	-139.85	688.96	88.00
37991	96.21	-0.55	-1.25	-616.33	-314.67	-1268.78	-123.59	634.94	56.63
37992	96.15	-1.65	-1.25	-573.87	-276.35	-1131.78	-109.17	581.32	31.51
37993	97.37	1.65	-1.25	-855.50	-565.14	-2424.03	-171.53	1112.60	263.03
37994	97.43	0.55	-1.25	-804.35	-510.71	-2218.85	-156.72	1035.12	206.79
37995	97.43	-0.55	-1.25	-752.61	-458.21	-2017.54	-143.25	956.58	159.36
37996	97.37	-1.65	-1.25	-700.25	-407.36	-1819.91	-131.12	877.39	120.55
37997	77.86	-1.65	1.75	54.90	-96.92	-1148.07	-24.45	37.16	-372.22
37998	77.86	-0.55	1.75	62.10	-97.23	-1343.03	-25.49	37.71	-338.37
37999	77.86	0.55	1.75	67.92	-98.82	-1537.11	-26.57	37.92	-288.16
38000	77.86	1.65	1.75	71.97	-103.42	-1727.66	-27.66	37.92	-221.39
38001	76.69	-1.65	1.75	58.57	-96.18	-1148.94	-37.00	-34.61	-366.96
38002	76.68	-0.55	1.75	64.51	-97.03	-1341.02	-37.13	-42.68	-332.69
38003	76.68	0.55	1.75	68.98	-99.24	-1532.07	-36.73	-50.79	-282.24
38004	76.69	1.65	1.75	71.65	-104.50	-1719.53	-35.76	-58.55	-215.47
38005	75.52	-1.65	1.75	55.92	-95.63	-1139.87	-48.94	-105.75	-354.27
38006	75.51	-0.55	1.75	59.58	-97.57	-1326.82	-48.04	-121.80	-319.59
38007	75.51	0.55	1.75	61.71	-100.99	-1512.65	-46.09	-137.55	-269.15
38008	75.52	1.65	1.75	62.07	-107.50	-1695.03	-43.01	-152.38	-202.87
38009	74.34	-1.65	1.75	46.75	-95.36	-1120.75	-59.64	-174.42	-334.83
38010	74.33	-0.55	1.75	47.21	-98.96	-1300.54	-57.61	-197.44	-299.85
38011	74.33	0.55	1.75	46.12	-104.19	-1479.24	-54.02	-219.79	-249.73
38012	74.34	1.65	1.75	43.37	-112.53	-1654.82	-48.83	-240.64	-184.47
38013	73.17	-1.65	1.75	31.17	-95.49	-1092.16	-68.71	-238.52	-309.60
38014	73.15	-0.55	1.75	27.68	-101.37	-1263.10	-65.45	-267.19	-274.53
38015	73.15	0.55	1.75	22.69	-109.03	-1433.11	-60.18	-294.80	-225.13
38016	73.17	1.65	1.75	16.19	-119.76	-1600.58	-52.91	-320.42	-161.45

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]
38017	71.99	-1.65	1.75	9.75	-96.11	-1055.54	-76.02	-295.90	-279.78
38018	71.97	-0.55	1.75	1.78	-104.91	-1216.37	-71.55	-328.66	-244.93
38019	71.97	0.55	1.75	-7.56	-115.66	-1376.62	-64.62	-360.01	-196.69
38020	71.99	1.65	1.75	-18.20	-129.37	-1535.11	-55.32	-388.96	-135.16
38021	70.82	-1.65	1.75	-16.48	-97.22	-1013.31	-81.92	-344.59	-246.70
38022	70.79	-0.55	1.75	-29.14	-109.69	-1163.30	-76.36	-379.74	-212.44
38023	70.79	0.55	1.75	-42.96	-124.26	-1313.19	-67.86	-413.20	-165.84
38024	70.82	1.65	1.75	-57.86	-141.55	-1462.35	-56.60	-444.00	-107.01
38025	69.65	-1.65	1.75	-45.97	-98.72	-968.89	-87.26	-383.07	-211.64
38026	69.62	-0.55	1.75	-63.17	-115.72	-1107.82	-80.93	-418.89	-178.38
38027	69.62	0.55	1.75	-81.22	-134.93	-1247.31	-71.06	-452.87	-133.89
38028	69.65	1.65	1.75	-100.21	-156.53	-1387.21	-57.91	-484.08	-78.26
38029	68.47	-1.65	1.75	-76.80	-100.38	-926.59	-93.62	-410.47	-175.67
38030	68.44	-0.55	1.75	-97.96	-122.86	-1054.77	-87.06	-445.38	-143.80
38031	68.44	0.55	1.75	-119.57	-147.67	-1184.26	-76.12	-478.44	-101.84
38032	68.47	1.65	1.75	-142.09	-174.43	-1315.42	-61.13	-508.79	-49.86
38033	67.30	-1.65	1.75	-106.60	-101.86	-891.52	-103.34	-426.83	-139.33
38034	67.26	-0.55	1.75	-130.72	-130.85	-1009.70	-97.33	-459.49	-109.13
38035	67.26	0.55	1.75	-154.76	-162.24	-1130.00	-85.80	-490.47	-70.05
38036	67.30	1.65	1.75	-179.84	-195.11	-1253.21	-69.09	-518.95	-22.06
38037	66.12	-1.65	1.75	-132.31	-102.82	-869.52	-119.60	-433.26	-102.11
38038	66.08	-0.55	1.75	-158.04	-139.16	-978.77	-115.22	-462.74	-73.74
38039	66.08	0.55	1.75	-183.00	-177.95	-1090.92	-103.81	-490.86	-37.74
38040	66.12	1.65	1.75	-209.27	-217.77	-1207.18	-85.70	-516.78	6.04
38041	64.95	-1.65	1.75	-149.67	-102.68	-867.00	-146.09	-432.48	-61.49
38042	64.90	-0.55	1.75	-175.48	-146.64	-968.55	-145.20	-458.40	-34.99
38043	64.90	0.55	1.75	-199.21	-193.53	-1073.70	-134.96	-483.25	-2.09
38044	64.95	1.65	1.75	-225.09	-240.48	-1183.94	-115.73	-506.28	37.59
38045	63.78	-1.65	1.75	-153.10	-99.25	-889.69	-186.63	-430.55	-10.90
38046	63.73	-0.55	1.75	-176.83	-151.14	-984.80	-193.43	-453.07	13.70
38047	63.73	0.55	1.75	-194.99	-206.71	-1084.01	-185.60	-474.29	43.86
38048	63.78	1.65	1.75	-218.89	-260.34	-1188.72	-164.14	-494.24	80.16
38049	62.60	-1.65	1.75	-139.88	-86.59	-935.84	-240.83	-441.69	64.16
38050	62.55	-0.55	1.75	-156.97	-142.52	-1024.61	-271.62	-460.88	88.37
38051	62.55	0.55	1.75	-152.87	-219.24	-1120.64	-267.04	-477.25	117.06
38052	62.60	1.65	1.75	-173.27	-273.82	-1218.15	-229.98	-493.24	151.99
38053	61.43	-1.65	1.75	-131.98	-47.27	-950.95	-330.04	-487.12	189.62
38054	61.37	-0.55	1.75	-110.44	-154.04	-1040.87	-380.97	-484.70	224.81
38055	61.37	0.55	1.75	-53.30	-179.80	-1121.78	-373.53	-499.91	277.94
38056	61.43	1.65	1.75	-56.81	-270.91	-1221.04	-325.10	-513.60	291.07
38057	60.25	-1.65	1.75	-156.20	-229.27	-964.54	-481.14	-494.90	438.36
38058	60.19	-0.55	1.75	53.10	-156.48	-1013.05	-359.89	-460.19	587.09
38059	60.19	0.55	1.75	32.83	-127.89	-1105.14	-341.06	-431.69	687.85
38060	60.25	1.65	1.75	148.21	-22.36	-1154.79	-428.08	-541.89	828.44
38061	77.85	-1.65	0.25	68.56	-75.41	-1028.00	-17.10	27.08	-362.80
38062	77.85	-0.55	0.25	73.08	-80.98	-1193.03	-17.49	28.23	-331.69
38063	77.85	0.55	0.25	75.85	-88.75	-1356.87	-18.03	29.17	-286.91
38064	77.85	1.65	0.25	76.52	-100.22	-1517.73	-18.69	29.98	-228.52
38065	76.65	-1.65	0.25	72.38	-75.32	-1028.32	-25.53	-37.09	-358.13
38066	76.65	-0.55	0.25	75.92	-81.35	-1191.06	-24.76	-42.89	-326.80
38067	76.65	0.55	0.25	77.63	-89.65	-1352.56	-23.68	-48.58	-281.93
38068	76.65	1.65	0.25	77.23	-101.67	-1511.07	-22.28	-53.86	-223.62
38069	75.46	-1.65	0.25	70.12	-75.89	-1020.45	-33.65	-100.24	-347.21
38070	75.45	-0.55	0.25	71.83	-82.89	-1179.23	-31.64	-112.42	-315.76
38071	75.45	0.55	0.25	71.70	-92.23	-1336.79	-28.91	-124.15	-271.08
38072	75.46	1.65	0.25	69.49	-105.29	-1491.54	-25.43	-134.95	-213.31
38073	74.26	-1.65	0.25	61.89	-77.16	-1004.65	-40.98	-160.74	-330.61
38074	74.25	-0.55	0.25	61.03	-85.64	-1157.97	-37.70	-178.43	-299.17
38075	74.25	0.55	0.25	58.35	-96.55	-1310.19	-33.29	-195.31	-255.00
38076	74.26	1.65	0.25	53.69	-111.15	-1459.98	-27.77	-210.81	-198.23
38077	73.06	-1.65	0.25	48.08	-79.14	-981.77	-47.27	-216.88	-309.08
38078	73.04	-0.55	0.25	44.07	-89.65	-1128.40	-42.71	-238.96	-277.87
38079	73.04	0.55	0.25	38.29	-102.67	-1274.17	-36.64	-259.91	-234.53
38080	73.06	1.65	0.25	30.70	-119.33	-1418.08	-29.13	-279.06	-179.23
38081	71.86	-1.65	0.25	29.43	-81.79	-953.35	-52.50	-267.07	-283.54
38082	71.84	-0.55	0.25	21.87	-94.91	-1092.38	-46.74	-292.22	-252.80
38083	71.84	0.55	0.25	12.68	-110.66	-1230.95	-39.11	-315.97	-210.65
38084	71.86	1.65	0.25	1.86	-129.93	-1368.37	-29.68	-337.63	-157.26
38085	70.67	-1.65	0.25	7.02	-84.98	-921.62	-57.04	-309.99	-254.92
38086	70.64	-0.55	0.25	-4.21	-101.38	-1052.56	-50.28	-336.78	-224.90
38087	70.64	0.55	0.25	-16.85	-120.54	-1183.51	-41.22	-362.00	-184.28
38088	70.67	1.65	0.25	-30.96	-143.02	-1314.20	-29.98	-384.97	-133.22
38089	69.47	-1.65	0.25	-17.74	-88.43	-889.51	-61.65	-344.84	-224.03
38090	69.44	-0.55	0.25	-32.44	-108.89	-1012.23	-54.26	-371.84	-194.96
38091	69.44	0.55	0.25	-48.27	-132.26	-1135.56	-44.01	-397.23	-156.17
38092	69.47	1.65	0.25	-65.43	-158.70	-1259.58	-31.05	-420.33	-107.78
38093	68.27	-1.65	0.25	-43.23	-91.73	-860.50	-67.59	-371.58	-191.31
38094	68.24	-0.55	0.25	-60.83	-117.16	-975.26	-60.14	-397.47	-163.32
38095	68.24	0.55	0.25	-79.17	-145.65	-1091.24	-49.04	-421.86	-126.58
38096	68.27	1.65	0.25	-98.81	-176.90	-1208.94	-34.47	-444.07	-81.13
38097	67.07	-1.65	0.25	-67.61	-94.37	-838.44	-76.58	-391.26	-156.53
38098	67.04	-0.55	0.25	-87.15	-125.72	-945.75	-69.79	-414.95	-129.57
38099	67.04	0.55	0.25	-106.98	-160.29	-1054.89	-58.33	-437.41	-94.92
38100	67.07	1.65	0.25	-128.16	-197.30	-1166.78	-42.36	-457.95	-52.55
38101	65.88	-1.65	0.25	-88.84	-95.80	-827.13	-90.44	-406.52	-118.29
38102	65.84	-0.55	0.25	-109.12	-133.86	-927.65	-85.26	-427.24	-92.04
38103	65.84	0.55	0.25	-129.03	-175.41	-1030.53	-74.10	-447.20	-59.28
38104	65.88	1.65	0.25	-150.54	-219.07	-1137.12	-56.98	-465.58	-19.85
38105	64.68	-1.65	0.25	-105.16	-95.25	-829.44	-110.00	-422.44	-73.27
38106	64.63	-0.55	0.25	-125.06	-140.20	-923.73	-108.16	-439.82	-46.99
38107	64.63	0.55	0.25	-142.90	-189.92	-1020.88	-98.35	-457.02	-15.57
38108	64.68	1.65	0.25	-163.13	-240.99	-1122.50	-79.92	-472.95	21.39
38109	63.48	-1.65	0.25	-117.72	-90.32	-845.15	-132.05	-447.11	-15.49
38110	63.43	-0.55	0.25	-136.91	-141.63	-933.36	-138.75	-461.12	12.54
38111	63.43	0.55	0.25	-147.04	-202.29	-1025.19	-132.65	-475.93	43.87
38112	63.48	1.65	0.25	-162.55	-263.00	-1121.99	-110.12	-489.06	78.77
38113	62.29	-1.65	0.25	-138.80	-76.27	-866.41	-139.89	-486.62	60.86
38114	62.23	-0.55	0.25	-159.88	-127.39	-947.73	-173.90	-495.74	99.26
38115	62.23	0.55	0.25	-142.16	-213.20	-1034.71	-179.51	-513.77	133.95

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]
38116	62.29	1.65	0.25	-140.25	-288.20	-1126.98	-138.75	-524.25	162.75
38117	61.09	-1.65	0.25	-205.62	-47.87	-905.29	-121.56	-519.42	153.13
38118	61.03	-0.55	0.25	-213.58	-148.78	-1002.83	-182.94	-515.05	214.00
38119	61.03	0.55	0.25	-141.94	-181.60	-1063.95	-203.40	-555.35	287.10
38120	61.09	1.65	0.25	-79.60	-308.21	-1143.56	-171.64	-589.83	295.63
38121	59.89	-1.65	0.25	-282.95	-290.09	-1080.91	-113.60	-421.54	130.02
38122	59.83	-0.55	0.25	-133.51	-221.73	-1150.72	-8.76	-397.61	219.39
38123	59.83	0.55	0.25	-142.48	-185.37	-1235.96	-2.06	-407.39	313.88
38124	59.89	1.65	0.25	55.81	-74.39	-1131.50	-137.11	-626.17	586.27
38125	77.84	-1.65	-1.25	92.26	-46.91	-921.99	-8.04	17.84	-362.82
38126	77.84	-0.55	-1.25	95.43	-54.62	-1062.33	-7.91	19.24	-335.73
38127	77.84	0.55	-1.25	96.64	-65.01	-1201.56	-8.01	20.53	-297.26
38128	77.84	1.65	-1.25	95.58	-79.35	-1338.53	-8.35	21.76	-247.59
38129	76.62	-1.65	-1.25	96.46	-47.34	-922.35	-13.26	-38.65	-358.45
38130	76.61	-0.55	-1.25	98.89	-55.44	-1060.93	-11.83	-42.86	-331.28
38131	76.61	0.55	-1.25	99.31	-66.26	-1198.37	-10.29	-46.85	-292.83
38132	76.62	1.65	-1.25	97.44	-81.03	-1333.58	-8.64	-50.44	-243.29
38133	75.40	-1.65	-1.25	94.96	-48.78	-916.22	-18.37	-94.09	-348.79
38134	75.39	-0.55	-1.25	95.98	-57.70	-1051.82	-15.61	-103.41	-321.68
38135	75.39	0.55	-1.25	94.98	-69.38	-1186.35	-12.41	-112.18	-283.51
38136	75.40	1.65	-1.25	91.74	-85.01	-1318.82	-8.79	-120.10	-234.50
38137	74.18	-1.65	-1.25	88.05	-51.17	-904.01	-23.04	-147.07	-334.29
38138	74.16	-0.55	-1.25	87.09	-61.37	-1035.55	-18.94	-160.75	-307.38
38139	74.16	0.55	-1.25	84.13	-74.38	-1166.18	-14.10	-173.58	-269.79
38140	74.18	1.65	-1.25	79.02	-91.29	-1295.10	-8.54	-185.14	-221.72
38141	72.96	-1.65	-1.25	76.28	-54.48	-886.62	-27.10	-196.24	-315.52
38142	72.94	-0.55	-1.25	72.88	-66.42	-1013.22	-21.71	-213.33	-289.01
38143	72.94	0.55	-1.25	67.56	-81.24	-1139.19	-15.27	-229.30	-252.28
38144	72.96	1.65	-1.25	60.22	-99.90	-1263.93	-7.85	-243.66	-205.55
38145	71.73	-1.65	-1.25	60.42	-58.58	-865.48	-30.58	-240.42	-293.17
38146	71.71	-0.55	-1.25	54.32	-72.76	-986.54	-24.00	-259.82	-267.26
38147	71.71	0.55	-1.25	46.43	-89.93	-1107.31	-16.08	-277.87	-231.68
38148	71.73	1.65	-1.25	36.67	-110.84	-1227.47	-6.88	-294.09	-186.64
38149	70.51	-1.65	-1.25	41.47	-63.23	-842.50	-33.76	-278.75	-267.90
38150	70.49	-0.55	-1.25	32.64	-80.26	-957.67	-26.23	-299.26	-242.76
38151	70.49	0.55	-1.25	22.20	-100.39	-1073.00	-17.00	-318.31	-208.58
38152	70.51	1.65	-1.25	10.05	-124.12	-1188.43	-6.13	-335.39	-165.54
38153	69.29	-1.65	-1.25	20.55	-68.10	-819.95	-37.24	-310.90	-240.19
38154	69.26	-0.55	-1.25	9.24	-88.64	-929.19	-29.11	-331.34	-215.94
38155	69.26	0.55	-1.25	-3.43	-112.45	-1039.07	-18.80	-350.30	-183.35
38156	69.29	1.65	-1.25	-17.70	-139.71	-1149.83	-6.39	-367.30	-142.55
38157	68.07	-1.65	-1.25	-1.27	-72.70	-800.28	-41.85	-337.25	-210.21
38158	68.04	-0.55	-1.25	-14.49	-97.54	-903.79	-33.60	-356.52	-186.82
38159	68.04	0.55	-1.25	-28.77	-125.85	-1008.40	-22.54	-374.45	-155.88
38160	68.07	1.65	-1.25	-44.59	-157.45	-1114.69	-8.73	-390.53	-117.49
38161	66.85	-1.65	-1.25	-23.20	-76.51	-785.77	-48.55	-359.09	-177.50
38162	66.81	-0.55	-1.25	-37.42	-106.51	-883.90	-40.74	-376.30	-154.76
38163	66.81	0.55	-1.25	-52.37	-140.21	-983.53	-29.30	-392.46	-125.38
38164	66.85	1.65	-1.25	-68.92	-177.03	-1085.59	-14.25	-406.99	-89.40
38165	65.63	-1.65	-1.25	-45.14	-79.11	-778.01	-57.94	-378.86	-140.84
38166	65.59	-0.55	-1.25	-59.28	-114.97	-871.08	-51.18	-393.40	-118.29
38167	65.59	0.55	-1.25	-73.64	-155.00	-965.96	-39.80	-407.29	-90.13
38168	65.63	1.65	-1.25	-89.84	-197.99	-1063.98	-23.57	-419.83	-56.34
38169	64.41	-1.65	-1.25	-68.80	-80.24	-777.09	-68.89	-400.06	-98.31
38170	64.36	-0.55	-1.25	-82.07	-122.05	-865.22	-64.30	-411.47	-75.04
38171	64.36	0.55	-1.25	-93.81	-169.70	-955.41	-53.83	-422.97	-47.41
38172	64.41	1.65	-1.25	-107.87	-220.26	-1049.42	-35.89	-433.23	-15.48
38173	63.19	-1.65	-1.25	-100.06	-79.59	-781.32	-75.29	-425.62	-49.00
38174	63.14	-0.55	-1.25	-113.55	-125.47	-864.25	-76.78	-432.92	-22.49
38175	63.14	0.55	-1.25	-117.86	-183.84	-949.27	-70.20	-443.29	6.45
38176	63.19	1.65	-1.25	-124.91	-245.58	-1039.29	-48.10	-451.78	35.98
38177	61.97	-1.65	-1.25	-150.99	-78.50	-795.48	-60.85	-453.43	0.02
38178	61.92	-0.55	-1.25	-172.27	-122.00	-874.60	-78.82	-452.30	38.27
38179	61.92	0.55	-1.25	-158.13	-195.63	-950.53	-87.21	-468.36	75.48
38180	61.97	1.65	-1.25	-141.66	-279.22	-1034.67	-56.44	-481.54	99.38
38181	60.75	-1.65	-1.25	-234.24	-81.69	-843.18	-10.23	-478.56	22.08
38182	60.69	-0.55	-1.25	-272.98	-134.75	-932.38	-52.39	-460.34	81.36
38183	60.69	0.55	-1.25	-237.84	-194.57	-982.47	-83.99	-492.99	149.38
38184	60.75	1.65	-1.25	-163.33	-304.09	-1035.85	-71.65	-537.05	173.98
38185	59.53	-1.65	-1.25	-334.04	-207.01	-1145.79	10.96	-577.82	-1.24
38186	59.47	-0.55	-1.25	-360.82	-246.12	-1334.46	-4.77	-584.79	95.45
38187	59.47	0.55	-1.25	-354.20	-267.18	-1377.63	-26.97	-606.00	172.88
38188	59.53	1.65	-1.25	-206.62	-308.81	-1211.79	-78.71	-697.36	317.81
38189	96.56	2.50	1.75	-169.22	-261.89	-1893.45	-22.24	549.72	174.19
38190	96.47	3.10	1.75	-175.75	-269.67	-1987.99	-16.96	569.47	188.08
38191	95.39	2.50	1.75	-245.47	-270.26	-1731.64	-47.23	662.55	181.90
38192	95.31	3.10	1.75	-251.76	-280.58	-1824.65	-44.75	684.95	200.89
38193	94.22	2.50	1.75	-320.40	-269.17	-1573.39	-65.77	716.11	170.93
38194	94.15	3.10	1.75	-328.06	-281.82	-1663.44	-66.92	740.25	193.45
38195	93.05	2.50	1.75	-345.45	-257.00	-1459.09	-71.07	727.94	148.48
38196	92.98	3.10	1.75	-353.97	-270.88	-1546.00	-75.02	752.45	173.22
38197	91.89	2.50	1.75	-340.71	-241.27	-1398.80	-67.98	728.54	121.78
38198	91.82	3.10	1.75	-349.53	-255.61	-1483.60	-73.93	752.84	148.56
38199	90.72	2.50	1.75	-317.60	-224.12	-1380.38	-60.13	723.24	92.86
38200	90.66	3.10	1.75	-326.25	-238.41	-1464.20	-67.50	747.13	121.82
38201	89.55	2.50	1.75	-282.79	-206.76	-1394.10	-49.96	711.64	62.41
38202	89.50	3.10	1.75	-290.90	-220.61	-1477.96	-58.28	735.00	93.77
38203	88.38	2.50	1.75	-240.45	-189.86	-1431.71	-39.21	691.70	30.84
38204	88.33	3.10	1.75	-247.74	-203.00	-1516.48	-48.06	714.37	64.79
38205	87.21	2.50	1.75	-193.72	-173.90	-1486.04	-29.16	661.43	-1.26
38206	87.17	3.10	1.75	-199.95	-186.16	-1572.42	-38.15	683.16	35.35
38207	86.04	2.50	1.75	-145.23	-159.26	-1550.57	-20.75	619.42	-33.14
38208	86.01	3.10	1.75	-150.25	-170.51	-1639.08	-29.53	639.87	6.13
38209	84.88	2.50	1.75	-97.42	-146.21	-1619.35	-14.66	565.09	-63.77
38210	84.84	3.10	1.75	-101.13	-156.44	-1710.28	-22.90	583.82	-21.97
38211	83.71	2.50	1.75	-52.46	-134.97	-1687.00	-11.26	498.68	-91.99
38212	83.68	3.10	1.75	-54.88	-144.21	-1780.39	-18.68	515.21	-47.89
38213	82.54	2.50	1.75	-12.28	-125.70	-1748.84	-10.63	421.17	-116.58
38214	82.52	3.10	1.75	-13.51	-134.06	-1844.47	-16.98	435.03	-70.49

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]
38215	81.37	2.50	1.75	21.56	-118.50	-1800.95	-12.59	334.17	-136.40
38216	81.36	3.10	1.75	21.26	-126.16	-1898.36	-17.67	344.90	-88.69
38217	80.20	2.50	1.75	47.79	-113.43	-1840.20	-16.68	239.70	-150.46
38218	80.19	3.10	1.75	48.11	-120.61	-1938.71	-20.33	246.97	-101.55
38219	79.03	2.50	1.75	65.45	-110.54	-1864.24	-22.23	140.07	-158.08
38220	79.03	3.10	1.75	65.97	-117.50	-1963.02	-24.36	143.70	-108.43
38221	96.93	2.50	0.25	-198.81	-349.14	-2144.55	-30.00	675.79	201.09
38222	96.84	3.10	0.25	-204.68	-360.34	-2245.34	-22.45	697.81	220.40
38223	95.73	2.50	0.25	-436.01	-364.20	-1814.01	-94.09	800.80	193.10
38224	95.65	3.10	0.25	-447.33	-381.66	-1908.09	-95.71	828.83	219.08
38225	94.54	2.50	0.25	-459.83	-330.44	-1540.29	-108.24	746.15	149.39
38226	94.47	3.10	0.25	-472.25	-349.07	-1625.89	-113.28	772.98	174.99
38227	93.35	2.50	0.25	-436.51	-300.09	-1400.55	-105.83	705.29	110.36
38228	93.28	3.10	0.25	-448.74	-318.87	-1481.37	-112.62	730.31	135.79
38229	92.16	2.50	0.25	-396.45	-272.08	-1325.63	-96.77	677.40	75.70
38230	92.09	3.10	0.25	-407.98	-290.51	-1403.72	-104.56	700.83	101.58
38231	90.97	2.50	0.25	-349.68	-246.67	-1293.83	-84.85	656.28	43.83
38232	90.91	3.10	0.25	-360.30	-264.52	-1370.49	-93.25	678.39	70.72
38233	89.77	2.50	0.25	-299.56	-223.58	-1292.30	-71.95	635.88	13.50
38234	89.72	3.10	0.25	-309.16	-240.68	-1368.47	-80.69	656.83	41.87
38235	88.58	2.50	0.25	-247.77	-202.62	-1312.73	-59.21	611.76	-15.87
38236	88.53	3.10	0.25	-256.28	-218.90	-1389.11	-68.04	631.59	14.28
38237	87.39	2.50	0.25	-195.60	-183.73	-1348.64	-47.42	580.86	-44.40
38238	87.35	3.10	0.25	-202.97	-199.12	-1425.77	-56.11	599.49	-12.28
38239	86.20	2.50	0.25	-144.38	-166.91	-1394.46	-37.17	541.26	-71.80
38240	86.16	3.10	0.25	-150.58	-181.39	-1472.75	-45.47	558.50	-37.65
38241	85.01	2.50	0.25	-95.52	-152.21	-1445.21	-28.87	491.98	-97.51
38242	84.98	3.10	0.25	-100.56	-165.81	-1524.86	-36.56	507.58	-61.37
38243	83.81	2.50	0.25	-50.46	-139.71	-1496.34	-22.73	432.92	-120.78
38244	83.79	3.10	0.25	-54.41	-152.49	-1577.41	-29.59	446.58	-82.79
38245	82.62	2.50	0.25	-10.58	-129.47	-1543.87	-18.79	364.69	-140.80
38246	82.60	3.10	0.25	-13.58	-141.54	-1626.23	-24.62	376.09	-101.18
38247	81.43	2.50	0.25	22.87	-121.57	-1584.37	-16.88	288.50	-156.75
38248	81.42	3.10	0.25	20.62	-133.08	-1667.73	-21.51	297.37	-115.80
38249	80.24	2.50	0.25	48.87	-116.04	-1615.07	-16.66	206.02	-167.97
38250	80.23	3.10	0.25	47.09	-127.18	-1699.00	-19.96	212.14	-126.03
38251	79.05	2.50	0.25	66.62	-112.95	-1633.88	-17.63	119.28	-173.99
38252	79.04	3.10	0.25	65.00	-123.90	-1717.84	-19.53	122.56	-131.43
38253	97.29	2.50	-1.25	-894.62	-609.64	-2585.92	-183.56	1171.60	312.35
38254	97.21	3.10	-1.25	-921.41	-641.38	-2703.33	-192.51	1212.06	351.50
38255	96.08	2.50	-1.25	-731.95	-434.91	-1671.70	-173.00	784.96	160.32
38256	96.00	3.10	-1.25	-754.13	-461.48	-1756.29	-184.45	814.71	187.31
38257	94.86	2.50	-1.25	-599.12	-363.25	-1447.12	-151.99	668.41	93.44
38258	94.79	3.10	-1.25	-617.57	-387.10	-1523.83	-162.41	693.33	116.90
38259	93.65	2.50	-1.25	-500.51	-311.95	-1317.69	-132.72	614.04	48.67
38260	93.58	3.10	-1.25	-516.12	-333.93	-1390.47	-142.55	636.24	70.97
38261	92.43	2.50	-1.25	-421.24	-272.76	-1246.66	-114.96	584.83	13.61
38262	92.37	3.10	-1.25	-434.69	-293.28	-1317.28	-124.41	605.23	35.94
38263	91.21	2.50	-1.25	-352.56	-240.58	-1210.77	-98.39	564.75	-16.67
38264	91.16	3.10	-1.25	-364.27	-259.88	-1280.18	-107.58	583.80	6.37
38265	90.00	2.50	-1.25	-290.03	-213.20	-1200.10	-82.92	546.23	-44.34
38266	89.95	3.10	-1.25	-300.25	-231.42	-1268.94	-91.87	564.13	-20.15
38267	88.78	2.50	-1.25	-231.43	-189.43	-1208.09	-68.63	524.79	-70.36
38268	88.74	3.10	-1.25	-240.33	-206.67	-1276.83	-77.29	541.59	-44.74
38269	87.57	2.50	-1.25	-175.91	-168.66	-1229.69	-55.69	497.63	-95.06
38270	87.53	3.10	-1.25	-183.60	-184.98	-1298.70	-63.96	513.28	-67.84
38271	86.35	2.50	-1.25	-123.51	-150.57	-1260.50	-44.29	463.08	-118.34
38272	86.32	3.10	-1.25	-130.08	-166.03	-1330.03	-52.03	477.46	-89.45
38273	85.14	2.50	-1.25	-74.77	-134.99	-1296.46	-34.58	420.31	-139.84
38274	85.11	3.10	-1.25	-80.29	-149.66	-1366.67	-41.66	433.24	-109.32
38275	83.92	2.50	-1.25	-30.51	-121.88	-1333.87	-26.65	369.22	-159.05
38276	83.90	3.10	-1.25	-35.11	-135.85	-1404.80	-32.90	380.49	-127.01
38277	82.70	2.50	-1.25	8.32	-111.22	-1369.37	-20.47	310.32	-175.38
38278	82.69	3.10	-1.25	4.51	-124.60	-1440.97	-25.74	319.71	-141.99
38279	81.49	2.50	-1.25	40.81	-103.05	-1400.08	-15.89	244.62	-188.25
38280	81.48	3.10	-1.25	37.60	-115.97	-1472.16	-20.06	251.95	-153.76
38281	80.27	2.50	-1.25	66.15	-97.39	-1423.59	-12.65	173.56	-197.18
38282	80.27	3.10	-1.25	63.32	-110.00	-1495.90	-15.61	178.70	-161.87
38283	79.06	2.50	-1.25	83.74	-94.27	-1438.13	-10.40	98.91	-201.83
38284	79.06	3.10	-1.25	81.04	-106.73	-1510.32	-12.08	101.81	-166.01
38285	77.87	2.50	1.75	73.83	-109.87	-1871.47	-28.47	37.86	-158.95
38286	77.87	3.10	1.75	74.10	-116.89	-1969.60	-29.02	37.84	-109.04
38287	76.70	2.50	1.75	72.46	-111.47	-1861.01	-34.60	-64.15	-153.19
38288	76.71	3.10	1.75	72.02	-118.85	-1957.59	-33.57	-67.65	-103.48
38289	75.53	2.50	1.75	61.16	-115.42	-1832.80	-39.89	-162.97	-141.29
38290	75.54	3.10	1.75	59.60	-123.42	-1927.02	-37.31	-169.59	-92.27
38291	74.36	2.50	1.75	40.17	-121.82	-1787.74	-43.80	-255.48	-124.16
38292	74.38	3.10	1.75	37.14	-130.69	-1878.95	-39.74	-264.74	-76.28
38293	73.19	2.50	1.75	10.26	-130.79	-1727.80	-46.04	-338.58	-102.93
38294	73.22	3.10	1.75	5.48	-140.73	-1815.57	-40.61	-349.91	-56.64
38295	72.02	2.50	1.75	-27.16	-142.49	-1656.14	-46.71	-409.43	-78.94
38296	72.06	3.10	1.75	-33.90	-153.68	-1740.25	-40.01	-422.21	-34.61
38297	70.86	2.50	1.75	-70.00	-157.14	-1577.03	-46.32	-465.76	-53.53
38298	70.89	3.10	1.75	-78.85	-169.73	-1657.46	-38.43	-479.38	-11.47
38299	69.69	2.50	1.75	-115.49	-175.01	-1495.70	-45.94	-506.15	-27.91
38300	69.73	3.10	1.75	-126.56	-189.16	-1572.62	-36.85	-520.02	11.63
38301	68.52	2.50	1.75	-160.26	-196.35	-1418.14	-47.37	-530.29	-2.96
38302	68.57	3.10	1.75	-173.58	-212.35	-1491.85	-36.92	-543.86	33.86
38303	67.35	2.50	1.75	-200.37	-221.21	-1350.77	-53.38	-539.16	21.09
38304	67.40	3.10	1.75	-215.80	-239.54	-1421.68	-41.28	-551.96	54.99
38305	66.18	2.50	1.75	-231.30	-248.79	-1300.29	-68.05	-535.23	45.28
38306	66.24	3.10	1.75	-248.41	-270.12	-1368.85	-54.09	-546.93	76.06
38307	65.01	2.50	1.75	-247.91	-276.44	-1273.16	-96.54	-522.80	73.02
38308	65.08	3.10	1.75	-266.17	-301.13	-1339.71	-81.15	-533.35	100.62
38309	63.85	2.50	1.75	-243.44	-299.06	-1274.20	-143.46	-508.92	112.22
38310	63.92	3.10	1.75	-263.96	-325.18	-1338.65	-127.96	-518.44	137.01
38311	62.68	2.50	1.75	-210.86	-303.71	-1295.48	-207.42	-506.63	181.62
38312	62.75	3.10	1.75	-239.26	-329.47	-1356.67	-198.00	-515.06	202.72
38313	61.51	2.50	1.75	-126.69	-318.07	-1299.57	-255.92	-517.20	318.33

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]
38314	61.59	3.10	1.75	-210.34	-287.09	-1340.53	-251.54	-530.12	341.62
38315	60.34	2.50	1.75	54.66	-155.79	-1195.63	-241.15	-631.94	558.45
38316	60.43	3.10	1.75	-308.33	-273.39	-1274.99	-279.48	-520.01	442.67
38317	77.85	2.50	0.25	75.57	-112.31	-1639.40	-19.26	30.59	-174.59
38318	77.86	3.10	0.25	73.76	-123.32	-1722.80	-19.70	31.03	-131.81
38319	76.66	2.50	0.25	75.47	-114.17	-1630.99	-20.98	-57.56	-169.87
38320	76.67	3.10	0.25	73.13	-125.46	-1713.24	-19.96	-59.79	-127.27
38321	75.47	2.50	0.25	66.40	-118.57	-1608.77	-22.28	-142.53	-160.20
38322	75.48	3.10	0.25	63.19	-130.36	-1689.35	-19.83	-147.17	-118.17
38323	74.28	2.50	0.25	48.82	-125.57	-1573.74	-22.82	-221.67	-146.22
38324	74.30	3.10	0.25	44.48	-138.06	-1652.22	-19.00	-228.35	-105.15
38325	73.09	2.50	0.25	23.69	-135.22	-1527.79	-22.46	-292.49	-128.76
38326	73.11	3.10	0.25	17.98	-148.62	-1603.89	-17.36	-300.76	-88.96
38327	71.89	2.50	0.25	-7.52	-147.64	-1473.69	-21.36	-352.81	-108.70
38328	71.92	3.10	0.25	-14.78	-162.13	-1547.26	-15.04	-362.20	-70.47
38329	70.70	2.50	0.25	-42.80	-162.97	-1415.04	-20.05	-401.07	-86.91
38330	70.74	3.10	0.25	-51.72	-178.74	-1486.08	-12.55	-411.08	-50.48
38331	69.51	2.50	0.25	-79.63	-181.36	-1356.06	-19.51	-436.55	-64.00
38332	69.55	3.10	0.25	-90.27	-198.68	-1424.69	-10.80	-446.68	-29.56
38333	68.32	2.50	0.25	-115.07	-202.90	-1301.34	-21.27	-459.68	-40.11
38334	68.37	3.10	0.25	-127.33	-222.14	-1367.80	-11.22	-469.47	-7.82
38335	67.13	2.50	0.25	-145.89	-227.38	-1255.50	-27.46	-472.41	-14.45
38336	67.18	3.10	0.25	-159.53	-249.05	-1320.06	-15.93	-481.48	15.53
38337	65.93	2.50	0.25	-169.04	-253.85	-1222.51	-40.49	-478.58	15.38
38338	65.99	3.10	0.25	-183.66	-278.48	-1285.42	-27.49	-486.73	43.01
38339	64.74	2.50	0.25	-182.03	-280.56	-1204.72	-61.73	-484.26	54.20
38340	64.81	3.10	0.25	-197.72	-308.01	-1265.99	-47.61	-491.47	79.82
38341	63.55	2.50	0.25	-182.82	-305.77	-1200.46	-88.10	-497.76	109.72
38342	63.62	3.10	0.25	-202.10	-334.09	-1259.76	-72.97	-503.24	134.12
38343	62.36	2.50	0.25	-169.42	-330.13	-1202.87	-103.42	-525.40	189.78
38344	62.43	3.10	0.25	-201.67	-354.08	-1260.23	-89.13	-525.40	213.85
38345	61.17	2.50	0.25	-102.92	-396.86	-1222.84	-66.33	-572.98	285.02
38346	61.25	3.10	0.25	-201.60	-376.69	-1280.16	-33.74	-539.53	300.08
38347	59.97	2.50	0.25	65.20	-243.96	-1133.12	67.30	-744.87	333.32
38348	60.06	3.10	0.25	-269.18	-382.43	-1377.87	69.18	-493.70	220.87
38349	77.84	2.50	-1.25	93.21	-93.70	-1442.52	-8.75	22.71	-202.05
38350	77.84	3.10	-1.25	90.37	-106.20	-1514.22	-9.11	23.40	-166.06
38351	76.63	2.50	-1.25	94.47	-95.72	-1436.26	-7.31	-52.86	-197.91
38352	76.63	3.10	-1.25	91.23	-108.43	-1507.12	-6.35	-54.26	-162.08
38353	75.41	2.50	-1.25	87.75	-100.33	-1419.58	-5.74	-125.55	-189.70
38354	75.42	3.10	-1.25	83.87	-113.44	-1489.25	-3.48	-128.80	-154.35
38355	74.20	2.50	-1.25	73.68	-107.54	-1393.41	-3.83	-193.13	-177.87
38356	74.21	3.10	-1.25	68.93	-121.24	-1461.64	-0.32	-197.95	-143.31
38357	72.98	2.50	-1.25	53.26	-117.40	-1359.42	-1.53	-253.60	-163.01
38358	73.00	3.10	-1.25	47.47	-131.86	-1426.03	3.16	-259.64	-129.50
38359	71.76	2.50	-1.25	27.94	-129.94	-1319.93	0.97	-305.32	-145.71
38360	71.79	3.10	-1.25	20.98	-145.37	-1384.84	6.81	-312.17	-113.49
38361	70.55	2.50	-1.25	-0.48	-145.22	-1277.80	3.21	-347.23	-126.49
38362	70.58	3.10	-1.25	-8.66	-161.85	-1341.01	10.17	-354.48	-95.75
38363	69.33	2.50	-1.25	-29.88	-163.31	-1236.19	4.43	-379.08	-105.61
38364	69.37	3.10	-1.25	-39.26	-181.44	-1297.80	12.54	-386.32	-76.50
38365	68.12	2.50	-1.25	-58.06	-184.16	-1198.24	3.57	-401.67	-82.81
38366	68.16	3.10	-1.25	-68.49	-204.19	-1258.40	12.91	-408.52	-55.47
38367	66.90	2.50	-1.25	-83.16	-207.53	-1166.52	-0.49	-417.05	-57.05
38368	66.95	3.10	-1.25	-94.37	-229.95	-1225.39	10.12	-423.21	-31.55
38369	65.69	2.50	-1.25	-104.30	-232.90	-1142.38	-8.31	-428.48	-26.18
38370	65.74	3.10	-1.25	-116.03	-258.11	-1200.02	3.55	-433.76	-2.48
38371	64.47	2.50	-1.25	-122.12	-260.05	-1125.24	-18.42	-440.01	12.78
38372	64.53	3.10	-1.25	-134.76	-287.94	-1181.56	-5.20	-444.05	35.04
38373	63.25	2.50	-1.25	-138.33	-290.77	-1113.06	-25.29	-455.46	61.83
38374	63.32	3.10	-1.25	-153.82	-320.26	-1168.35	-9.39	-456.69	83.11
38375	62.04	2.50	-1.25	-151.30	-332.59	-1107.59	-16.34	-480.12	117.10
38376	62.11	3.10	-1.25	-176.00	-359.41	-1164.84	4.77	-472.69	136.10
38377	60.82	2.50	-1.25	-138.85	-404.96	-1119.27	10.82	-539.64	163.71
38378	60.90	3.10	-1.25	-190.76	-424.84	-1198.88	62.30	-506.67	173.77
38379	59.61	2.50	-1.25	-98.64	-369.93	-1110.47	61.50	-722.34	174.94
38380	59.69	3.10	-1.25	-204.18	-419.08	-1336.71	118.67	-587.95	160.95
38381	79.03	3.95	1.75	64.97	-131.74	-2097.26	-27.58	148.21	-30.55
38382	80.18	3.95	1.75	46.93	-135.09	-2073.08	-25.97	255.90	-24.76
38383	81.33	3.95	1.75	19.42	-141.19	-2031.95	-25.55	358.07	-13.77
38384	82.48	3.95	1.75	-16.42	-149.91	-1976.55	-26.86	452.07	1.85
38385	83.63	3.95	1.75	-59.12	-161.06	-1910.50	-30.20	535.66	21.27
38386	84.79	3.96	1.75	-106.84	-174.39	-1838.24	-35.66	607.15	43.51
38387	85.94	3.96	1.75	-157.45	-189.59	-1765.02	-43.04	665.58	67.60
38388	87.09	3.96	1.75	-208.54	-206.25	-1696.74	-51.89	710.81	92.64
38389	88.24	3.96	1.75	-257.53	-223.93	-1639.83	-61.47	743.62	117.90
38390	89.39	3.96	1.75	-301.61	-242.08	-1601.20	-70.77	765.62	142.89
38391	90.55	3.96	1.75	-337.55	-260.00	-1588.38	-78.44	778.94	167.24
38392	91.70	3.96	1.75	-361.00	-276.75	-1609.91	-82.61	785.64	190.63
38393	92.85	3.96	1.75	-365.07	-290.76	-1675.66	-80.59	785.86	212.14
38394	94.00	3.96	1.75	-338.18	-299.32	-1797.40	-68.31	773.31	228.89
38395	95.15	3.96	1.75	-260.70	-294.08	-1961.85	-40.73	715.72	230.83
38396	96.31	3.96	1.75	-186.00	-280.42	-2125.99	-9.46	597.83	210.98
38397	79.02	5.05	1.75	61.09	-157.57	-2262.55	-32.02	153.10	81.37
38398	80.15	5.05	1.75	42.96	-161.13	-2239.09	-33.86	265.39	85.61
38399	81.29	5.06	1.75	14.88	-167.74	-2197.94	-36.64	372.04	93.91
38400	82.42	5.06	1.75	-21.93	-177.20	-2141.96	-40.75	470.22	105.78
38401	83.56	5.06	1.75	-65.86	-189.23	-2075.01	-46.37	557.58	120.55
38402	84.69	5.06	1.75	-114.94	-203.50	-2001.83	-53.48	632.44	137.47
38403	85.83	5.06	1.75	-166.90	-219.56	-1927.94	-61.80	693.84	155.79
38404	86.96	5.07	1.75	-219.27	-236.92	-1859.50	-70.81	741.74	174.88
38405	88.09	5.07	1.75	-269.35	-255.00	-1803.13	-79.77	776.99	194.27
38406	89.23	5.07	1.75	-314.27	-273.11	-1765.95	-87.62	801.25	213.66
38407	90.36	5.07	1.75	-350.70	-290.40	-1755.61	-92.97	816.69	232.87
38408	91.50	5.08	1.75	-374.21	-305.69	-1780.75	-93.85	825.20	251.56
38409	92.63	5.08	1.75	-377.81	-317.09	-1851.18	-87.39	826.57	268.56
38410	93.77	5.08	1.75	-349.98	-321.45	-1977.91	-69.29	813.69	280.12
38411	94.90	5.08	1.75	-271.93	-310.11	-2144.87	-34.65	753.35	273.94
38412	96.04	5.08	1.75	-200.16	-291.25	-2307.62	0.31	633.72	243.28

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]
38413	79.01	6.15	1.75	53.41	-193.67	-2415.96	-36.58	156.77	203.71
38414	80.12	6.15	1.75	35.40	-197.20	-2393.79	-42.10	272.05	206.20
38415	81.23	6.16	1.75	7.17	-203.91	-2353.81	-48.27	381.69	211.47
38416	82.35	6.16	1.75	-30.00	-213.55	-2298.99	-55.29	482.80	219.19
38417	83.46	6.16	1.75	-74.42	-225.76	-2233.31	-63.23	573.01	228.87
38418	84.57	6.16	1.75	-124.04	-240.13	-2161.66	-71.94	650.64	240.01
38419	85.68	6.17	1.75	-176.55	-256.13	-2089.66	-81.09	714.79	252.15
38420	86.80	6.17	1.75	-229.41	-273.16	-2023.57	-90.11	765.47	264.92
38421	87.91	6.17	1.75	-279.90	-290.55	-1970.08	-98.23	803.57	278.12
38422	89.02	6.17	1.75	-325.09	-307.49	-1936.33	-104.39	830.70	291.66
38423	90.14	6.18	1.75	-361.59	-322.98	-1930.01	-107.15	848.92	305.49
38424	91.25	6.18	1.75	-384.86	-335.59	-1959.70	-104.45	859.84	319.17
38425	92.36	6.18	1.75	-387.93	-343.09	-2034.95	-93.26	862.70	331.14
38426	93.48	6.18	1.75	-359.56	-341.82	-2165.53	-69.19	849.49	336.60
38427	94.59	6.18	1.75	-282.41	-323.07	-2332.16	-27.95	786.79	321.21
38428	95.70	6.19	1.75	-215.70	-299.31	-2490.63	9.67	666.93	279.61
38429	78.99	7.25	1.75	41.37	-240.75	-2557.92	-41.08	159.28	333.37
38430	80.08	7.25	1.75	23.72	-243.98	-2537.62	-50.29	275.78	333.98
38431	81.17	7.25	1.75	-4.19	-250.29	-2500.09	-59.82	386.82	336.09
38432	82.26	7.25	1.75	-41.05	-259.40	-2448.27	-69.71	489.52	339.49
38433	83.34	7.25	1.75	-85.15	-270.95	-2386.13	-79.88	581.57	343.96
38434	84.43	7.26	1.75	-134.44	-284.44	-2318.54	-90.08	661.34	349.24
38435	85.52	7.26	1.75	-186.61	-299.30	-2251.08	-99.91	727.99	355.14
38436	86.60	7.26	1.75	-239.11	-314.87	-2189.91	-108.77	781.55	361.60
38437	87.69	7.26	1.75	-289.26	-330.37	-2141.64	-115.88	822.84	368.65
38438	88.78	7.26	1.75	-334.11	-344.91	-2113.30	-120.19	853.39	376.37
38439	89.87	7.26	1.75	-370.19	-357.35	-2112.45	-120.22	874.99	384.76
38440	90.95	7.26	1.75	-392.91	-366.01	-2147.49	-113.81	888.83	393.26
38441	92.04	7.26	1.75	-395.29	-368.24	-2227.47	-97.80	893.38	399.73
38442	93.13	7.26	1.75	-366.65	-360.01	-2360.46	-67.81	879.66	398.06
38443	94.22	7.27	1.75	-291.83	-332.64	-2523.54	-20.46	814.90	371.92
38444	95.30	7.27	1.75	-232.11	-304.38	-2673.98	18.34	697.51	319.57
38445	79.04	3.95	0.25	60.87	-143.58	-1832.91	-22.43	126.68	-65.07
38446	80.21	3.95	0.25	42.83	-147.05	-1814.44	-25.04	219.69	-60.56
38447	81.39	3.95	0.25	15.84	-153.39	-1782.99	-28.62	308.26	-51.84
38448	82.57	3.95	0.25	-19.18	-162.50	-1740.88	-33.55	390.14	-39.28
38449	83.74	3.95	0.25	-61.09	-174.26	-1691.19	-40.08	463.51	-23.42
38450	84.92	3.95	0.25	-108.48	-188.51	-1637.68	-48.29	527.10	-4.87
38451	86.09	3.96	0.25	-159.85	-205.08	-1584.72	-58.10	580.32	15.77
38452	87.27	3.96	0.25	-213.63	-223.80	-1537.21	-69.26	623.41	38.01
38453	88.45	3.96	0.25	-268.33	-244.54	-1500.49	-81.36	657.47	61.58
38454	89.62	3.96	0.25	-322.57	-267.20	-1480.46	-93.81	684.66	86.48
38455	90.80	3.96	0.25	-375.01	-291.75	-1483.99	-105.79	708.29	113.16
38456	91.97	3.96	0.25	-423.87	-318.22	-1519.90	-116.10	733.04	142.55
38457	93.15	3.96	0.25	-465.53	-346.64	-1601.95	-122.59	765.13	176.17
38458	94.33	3.96	0.25	-489.26	-376.14	-1753.60	-120.57	810.48	215.66
38459	95.50	3.96	0.25	-462.95	-405.92	-2047.41	-97.62	867.61	260.05
38460	96.68	3.96	0.25	-213.90	-376.14	-2392.47	-11.43	728.86	251.89
38461	79.03	5.05	0.25	52.79	-176.10	-1976.38	-26.46	131.24	29.77
38462	80.19	5.05	0.25	34.69	-179.72	-1958.82	-32.09	227.81	33.05
38463	81.35	5.06	0.25	7.29	-186.46	-1927.91	-38.51	319.92	39.66
38464	82.51	5.06	0.25	-28.48	-196.17	-1886.06	-45.97	405.22	49.31
38465	83.67	5.06	0.25	-71.38	-208.67	-1836.49	-54.63	481.83	61.61
38466	84.82	5.06	0.25	-119.96	-223.76	-1783.15	-64.52	548.50	76.12
38467	85.98	5.06	0.25	-172.64	-241.21	-1730.57	-75.50	604.65	92.47
38468	87.14	5.07	0.25	-227.81	-260.80	-1683.81	-87.32	650.59	110.40
38469	88.30	5.07	0.25	-283.96	-282.34	-1648.36	-99.56	687.52	129.88
38470	89.46	5.07	0.25	-339.67	-305.67	-1630.32	-111.64	717.72	151.20
38471	90.62	5.07	0.25	-393.55	-330.69	-1636.79	-122.75	744.59	175.04
38472	91.78	5.07	0.25	-443.73	-357.30	-1676.98	-131.58	772.89	202.60
38473	92.94	5.08	0.25	-486.37	-385.21	-1765.31	-135.72	808.79	235.57
38474	94.10	5.08	0.25	-510.20	-412.94	-1926.58	-129.76	857.71	275.46
38475	95.26	5.08	0.25	-481.98	-438.03	-2234.72	-99.03	915.69	319.73
38476	96.41	5.08	0.25	-226.14	-392.47	-2586.36	4.36	766.92	295.65
38477	79.02	6.15	0.25	40.82	-218.06	-2112.46	-30.67	134.83	133.21
38478	80.16	6.15	0.25	22.83	-221.66	-2096.21	-39.47	233.71	135.14
38479	81.29	6.16	0.25	-4.66	-228.49	-2066.70	-48.83	328.21	139.45
38480	82.43	6.16	0.25	-40.70	-238.38	-2026.38	-58.90	415.98	145.98
38481	83.57	6.16	0.25	-84.02	-251.11	-1978.52	-69.74	495.13	154.50
38482	84.71	6.16	0.25	-133.15	-266.44	-1927.11	-81.30	564.43	164.77
38483	85.85	6.16	0.25	-186.50	-284.11	-1876.75	-93.42	623.36	176.66
38484	86.98	6.17	0.25	-242.48	-303.86	-1832.54	-105.83	672.28	190.17
38485	88.12	6.17	0.25	-299.53	-325.47	-1800.05	-118.14	712.47	205.54
38486	89.26	6.17	0.25	-356.25	-348.74	-1785.47	-129.77	746.22	223.32
38487	90.40	6.17	0.25	-411.19	-373.48	-1796.06	-139.89	776.99	244.44
38488	91.54	6.18	0.25	-462.32	-399.43	-1841.44	-147.08	809.50	270.32
38489	92.67	6.18	0.25	-505.50	-425.92	-1936.68	-148.61	849.64	302.74
38490	93.81	6.18	0.25	-529.00	-450.59	-2107.84	-138.22	902.04	342.82
38491	94.95	6.18	0.25	-498.74	-468.85	-2428.83	-99.37	959.66	385.96
38492	96.09	6.19	0.25	-238.89	-404.95	-2782.23	21.16	800.08	343.69
38493	79.01	7.25	0.25	24.46	-270.19	-2241.91	-34.92	137.48	243.19
38494	80.12	7.25	0.25	6.76	-273.56	-2227.35	-46.88	237.36	243.68
38495	81.23	7.25	0.25	-20.46	-280.12	-2200.11	-59.16	333.06	245.64
38496	82.34	7.25	0.25	-56.26	-289.69	-2162.60	-71.79	422.28	249.03
38497	83.46	7.25	0.25	-99.39	-302.05	-2118.03	-84.76	503.22	253.79
38498	84.57	7.26	0.25	-148.41	-316.95	-2070.33	-97.94	574.68	259.90
38499	85.68	7.26	0.25	-201.76	-334.11	-2024.05	-111.15	636.22	267.46
38500	86.79	7.26	0.25	-257.87	-353.27	-1984.21	-124.10	688.23	276.74
38501	87.91	7.26	0.25	-315.26	-374.15	-1956.35	-136.41	732.00	288.24
38502	89.02	7.26	0.25	-372.49	-396.55	-1946.68	-147.55	769.83	302.77
38503	90.13	7.26	0.25	-428.04	-420.19	-1962.61	-156.63	805.09	321.47
38504	91.24	7.26	0.25	-479.72	-444.60	-2014.06	-162.11	842.37	345.95
38505	92.36	7.26	0.25	-522.97	-468.69	-2116.79	-160.88	887.11	378.04
38506	93.47	7.26	0.25	-545.41	-488.94	-2298.13	-145.59	942.61	418.01
38507	94.58	7.26	0.25	-512.93	-497.50	-2630.03	-97.85	998.28	458.10
38508	95.70	7.27	0.25	-252.02	-412.93	-2979.61	38.69	828.93	395.71
38509	79.05	3.95	-1.25	75.38	-128.19	-1610.16	-14.68	105.49	-110.34
38510	80.25	3.95	-1.25	57.54	-131.62	-1596.23	-20.14	185.06	-106.93
38511	81.45	3.95	-1.25	31.42	-137.96	-1572.67	-26.41	260.97	-100.05

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]
38512	82.65	3.95	-1.25	-2.34	-147.13	-1541.42	-33.76	331.28	-89.96
38513	83.85	3.95	-1.25	-42.84	-159.07	-1505.06	-42.37	394.46	-77.03
38514	85.05	3.95	-1.25	-89.11	-173.71	-1466.70	-52.36	449.42	-61.67
38515	86.25	3.96	-1.25	-140.14	-191.00	-1429.92	-63.73	495.68	-44.29
38516	87.45	3.96	-1.25	-195.05	-210.98	-1398.66	-76.43	533.40	-25.19
38517	88.65	3.96	-1.25	-253.33	-233.79	-1377.17	-90.33	563.53	-4.50
38518	89.85	3.96	-1.25	-315.01	-259.77	-1370.08	-105.34	587.91	17.96
38519	91.05	3.96	-1.25	-381.05	-289.61	-1382.69	-121.42	609.57	42.81
38520	92.25	3.96	-1.25	-453.90	-324.62	-1421.96	-138.66	633.32	71.41
38521	93.45	3.96	-1.25	-538.39	-367.24	-1498.63	-157.41	667.28	106.53
38522	94.65	3.96	-1.25	-643.78	-423.00	-1637.96	-178.22	728.61	154.38
38523	95.85	3.96	-1.25	-785.42	-500.78	-1882.56	-201.57	856.91	230.27
38524	97.05	3.96	-1.25	-959.61	-687.81	-2875.70	-206.38	1269.27	413.63
38525	79.04	5.05	-1.25	65.31	-162.50	-1736.18	-18.34	109.60	-31.04
38526	80.23	5.05	-1.25	47.43	-166.07	-1723.22	-26.45	191.94	-28.62
38527	81.41	5.06	-1.25	20.97	-172.75	-1700.48	-35.22	270.65	-23.43
38528	82.59	5.06	-1.25	-13.38	-182.45	-1669.94	-44.84	343.74	-15.67
38529	83.78	5.06	-1.25	-54.73	-195.07	-1634.26	-55.44	409.62	-5.58
38530	84.96	5.06	-1.25	-102.06	-210.52	-1596.64	-67.10	467.22	6.57
38531	86.14	5.06	-1.25	-154.36	-228.75	-1560.75	-79.81	516.04	20.53
38532	87.33	5.07	-1.25	-210.78	-249.80	-1530.60	-93.55	556.32	36.20
38533	88.51	5.07	-1.25	-270.82	-273.81	-1510.54	-108.24	589.06	53.67
38534	89.69	5.07	-1.25	-334.60	-301.20	-1505.29	-123.88	616.20	73.32
38535	90.87	5.07	-1.25	-403.16	-332.72	-1520.33	-140.53	640.90	96.04
38536	92.06	5.07	-1.25	-479.11	-369.82	-1562.95	-158.43	668.17	123.55
38537	93.24	5.08	-1.25	-567.47	-415.14	-1644.61	-178.09	706.50	159.14
38538	94.42	5.08	-1.25	-677.87	-474.50	-1792.12	-200.24	773.82	210.11
38539	95.61	5.08	-1.25	-825.69	-557.60	-2053.84	-225.19	911.40	294.38
38540	96.79	5.08	-1.25	-1008.74	-752.51	-3105.81	-224.98	1341.70	502.43
38541	79.03	6.15	-1.25	51.44	-205.40	-1858.07	-22.24	112.92	55.35
38542	80.19	6.15	-1.25	33.64	-208.97	-1846.36	-33.08	197.04	56.69
38543	81.36	6.16	-1.25	7.11	-215.75	-1825.05	-44.42	277.65	60.06
38544	82.52	6.16	-1.25	-27.47	-225.66	-1796.13	-56.37	352.74	65.37
38545	83.68	6.16	-1.25	-69.22	-238.59	-1762.23	-69.01	420.74	72.49
38546	84.84	6.16	-1.25	-117.13	-254.45	-1726.59	-82.37	480.59	81.30
38547	86.01	6.16	-1.25	-170.24	-273.19	-1692.84	-96.46	531.84	91.76
38548	87.17	6.17	-1.25	-227.73	-294.86	-1665.03	-111.27	574.75	103.96
38549	88.33	6.17	-1.25	-289.17	-319.68	-1647.49	-126.82	610.37	118.21
38550	89.50	6.17	-1.25	-354.75	-348.12	-1645.01	-143.17	640.69	135.13
38551	90.66	6.17	-1.25	-425.64	-381.05	-1663.20	-160.52	668.98	155.89
38552	91.82	6.18	-1.25	-504.51	-420.08	-1709.71	-179.27	700.40	182.57
38553	92.98	6.18	-1.25	-596.51	-468.07	-1796.79	-200.04	743.78	219.06
38554	94.15	6.18	-1.25	-711.44	-531.06	-1952.93	-223.61	817.70	273.84
38555	95.31	6.18	-1.25	-864.53	-619.35	-2233.34	-250.06	964.95	367.56
38556	96.47	6.18	-1.25	-1055.73	-820.37	-3342.80	-244.21	1409.48	601.87
38557	79.02	7.25	-1.25	33.31	-257.58	-1976.71	-26.26	115.44	147.27
38558	80.16	7.25	-1.25	15.74	-260.96	-1966.50	-39.83	200.34	147.45
38559	81.29	7.25	-1.25	-10.59	-267.60	-1947.19	-53.72	281.90	148.98
38560	82.43	7.25	-1.25	-45.02	-277.39	-1920.73	-67.98	358.20	151.84
38561	83.57	7.25	-1.25	-86.71	-290.23	-1889.69	-82.64	427.71	156.04
38562	84.71	7.26	-1.25	-134.71	-306.06	-1857.20	-97.71	489.41	161.61
38563	85.85	7.26	-1.25	-188.12	-324.86	-1826.83	-113.20	542.91	168.69
38564	86.98	7.26	-1.25	-246.22	-346.72	-1802.52	-129.13	588.49	177.60
38565	88.12	7.26	-1.25	-308.68	-371.92	-1788.57	-145.61	627.23	188.87
38566	89.26	7.26	-1.25	-375.76	-401.06	-1789.76	-162.80	661.14	203.36
38567	90.40	7.26	-1.25	-448.74	-435.12	-1811.84	-181.02	693.50	222.49
38568	91.54	7.26	-1.25	-530.43	-475.88	-1862.77	-200.86	729.64	248.72
38569	92.67	7.26	-1.25	-625.94	-526.57	-1955.74	-223.14	778.70	286.64
38570	93.81	7.26	-1.25	-744.83	-593.38	-2121.27	-248.42	859.86	346.07
38571	94.95	7.26	-1.25	-901.87	-686.60	-2422.78	-275.90	1016.88	450.36
38572	96.09	7.27	-1.25	-1100.44	-891.93	-3586.64	-264.02	1472.76	712.37
38573	60.59	3.96	1.75	-284.94	-414.99	-1419.74	-488.57	-434.27	603.80
38574	61.75	3.96	1.75	-255.60	-318.66	-1422.82	-291.04	-530.94	358.93
38575	62.90	3.96	1.75	-272.96	-371.23	-1454.99	-181.52	-524.95	237.19
38576	64.05	3.96	1.75	-295.42	-364.03	-1438.95	-104.32	-530.52	175.34
38577	65.20	3.96	1.75	-295.87	-334.80	-1441.70	-57.09	-546.52	144.05
38578	66.35	3.96	1.75	-275.23	-298.92	-1472.25	-33.31	-561.69	124.80
38579	67.51	3.96	1.75	-238.80	-265.21	-1527.01	-23.77	-568.09	108.48
38580	68.66	3.96	1.75	-192.73	-236.02	-1599.66	-21.84	-560.76	91.66
38581	69.81	3.96	1.75	-142.24	-211.26	-1683.41	-23.57	-537.02	73.48
38582	70.96	3.96	1.75	-91.49	-190.39	-1771.65	-26.70	-495.85	54.21
38583	72.11	3.96	1.75	-43.85	-172.93	-1858.14	-29.86	-437.52	34.61
38584	73.27	3.95	1.75	-2.07	-158.62	-1937.28	-32.23	-363.40	15.69
38585	74.42	3.95	1.75	31.72	-147.33	-2004.36	-33.37	-275.74	-1.40
38586	75.57	3.95	1.75	55.97	-139.03	-2055.74	-33.17	-177.44	-15.50
38587	76.72	3.95	1.75	69.78	-133.67	-2089.00	-31.82	-71.76	-25.56
38588	77.87	3.95	1.75	72.75	-131.24	-2102.85	-29.76	37.88	-30.77
38589	60.86	5.08	1.75	-96.22	-386.33	-1545.60	-355.25	-400.19	706.00
38590	62.00	5.08	1.75	-259.76	-419.37	-1564.10	-282.79	-521.81	409.70
38591	63.13	5.08	1.75	-314.31	-432.45	-1595.97	-150.85	-536.65	285.71
38592	64.27	5.08	1.75	-342.12	-415.19	-1581.61	-67.30	-542.73	229.68
38593	65.40	5.08	1.75	-339.71	-374.45	-1583.93	-25.15	-560.86	208.00
38594	66.54	5.07	1.75	-312.03	-333.52	-1614.34	-7.92	-578.52	196.55
38595	67.67	5.07	1.75	-268.44	-298.33	-1669.66	-2.78	-586.34	186.39
38596	68.81	5.07	1.75	-216.56	-268.74	-1743.46	-3.34	-579.32	175.04
38597	69.94	5.07	1.75	-161.64	-243.59	-1828.90	-6.67	-555.12	162.19
38598	71.07	5.06	1.75	-107.45	-222.01	-1919.34	-11.24	-512.93	148.14
38599	72.21	5.06	1.75	-57.00	-203.58	-2008.47	-16.10	-453.08	133.50
38600	73.34	5.06	1.75	-12.79	-188.15	-2090.58	-20.61	-376.91	119.07
38601	74.48	5.06	1.75	23.13	-175.72	-2160.76	-24.35	-286.62	105.76
38602	75.61	5.06	1.75	49.21	-166.38	-2215.12	-27.17	-185.09	94.52
38603	76.75	5.05	1.75	64.46	-160.21	-2250.96	-29.17	-75.62	86.24
38604	77.88	5.05	1.75	68.41	-157.25	-2266.77	-30.63	38.27	81.62
38605	61.20	6.19	1.75	-147.17	-421.39	-1703.25	-300.26	-356.79	757.20
38606	62.31	6.18	1.75	-292.17	-479.24	-1718.44	-213.02	-537.87	461.52
38607	63.42	6.18	1.75	-375.17	-498.61	-1757.13	-97.27	-541.23	327.03
38608	64.54	6.18	1.75	-402.25	-453.05	-1739.67	-27.93	-549.52	290.86
38609	65.65	6.18	1.75	-387.21	-403.57	-1738.59	0.11	-573.02	282.48
38610	66.76	6.18	1.75	-346.79	-363.64	-1766.58	10.44	-593.47	278.34

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]
38611	67.88	6.17	1.75	-294.22	-331.54	-1820.05	13.31	-601.54	273.30
38612	68.99	6.17	1.75	-236.75	-304.49	-1892.30	12.27	-593.47	266.81
38613	70.10	6.17	1.75	-178.43	-280.90	-1976.51	8.76	-567.76	259.05
38614	71.22	6.17	1.75	-122.08	-260.07	-2066.17	3.66	-523.98	250.28
38615	72.33	6.16	1.75	-70.09	-241.79	-2155.07	-2.34	-462.55	240.87
38616	73.44	6.16	1.75	-24.63	-226.15	-2237.52	-8.67	-384.76	231.31
38617	74.55	6.16	1.75	12.41	-213.31	-2308.55	-14.90	-292.71	222.21
38618	75.67	6.16	1.75	39.52	-203.49	-2364.16	-20.76	-189.16	214.26
38619	76.78	6.15	1.75	55.66	-196.85	-2401.46	-26.22	-77.37	208.13
38620	77.89	6.15	1.75	60.31	-193.53	-2418.77	-31.40	39.15	204.39
38621	61.60	7.27	1.75	-286.08	-438.15	-1856.62	-224.22	-484.46	850.20
38622	62.68	7.27	1.75	-432.25	-563.89	-1910.29	-130.72	-536.72	426.37
38623	63.77	7.26	1.75	-474.73	-527.91	-1939.38	-45.11	-532.75	369.36
38624	64.86	7.26	1.75	-466.76	-465.34	-1913.03	-8.71	-556.37	366.90
38625	65.95	7.26	1.75	-425.65	-423.06	-1906.50	8.59	-587.49	369.60
38626	67.03	7.26	1.75	-370.83	-392.43	-1930.37	18.51	-608.56	369.70
38627	68.12	7.26	1.75	-311.32	-367.10	-1979.67	23.53	-614.29	368.07
38628	69.21	7.26	1.75	-250.82	-344.57	-2047.60	24.54	-603.19	365.57
38629	70.30	7.26	1.75	-191.41	-323.93	-2127.61	22.28	-574.68	362.46
38630	71.38	7.26	1.75	-134.87	-304.98	-2213.44	17.48	-528.64	358.77
38631	72.47	7.26	1.75	-83.01	-287.89	-2299.13	10.82	-465.53	354.54
38632	73.56	7.25	1.75	-37.70	-272.96	-2379.15	2.98	-386.54	349.92
38633	74.64	7.25	1.75	-0.70	-260.51	-2448.64	-5.53	-293.60	345.19
38634	75.73	7.25	1.75	26.53	-250.85	-2503.58	-14.32	-189.31	340.75
38635	76.82	7.25	1.75	42.93	-244.23	-2541.05	-23.19	-76.75	337.03
38636	77.91	7.25	1.75	47.91	-240.82	-2559.29	-32.09	40.66	334.43
38637	60.22	3.96	0.25	-315.83	-591.72	-1583.27	-132.65	-374.75	374.00
38638	61.40	3.96	0.25	-278.76	-395.90	-1386.89	-74.80	-518.12	352.60
38639	62.57	3.96	0.25	-241.49	-394.74	-1351.14	-76.41	-528.15	254.30
38640	63.75	3.96	0.25	-231.03	-375.97	-1352.53	-53.26	-511.35	172.83
38641	64.93	3.96	0.25	-222.80	-347.31	-1360.14	-26.25	-500.52	120.07
38642	66.10	3.96	0.25	-206.92	-313.45	-1380.47	-7.80	-496.88	86.86
38643	67.28	3.96	0.25	-180.55	-280.41	-1416.07	1.17	-492.84	63.07
38644	68.45	3.96	0.25	-145.73	-250.91	-1465.22	3.49	-481.65	43.09
38645	69.63	3.96	0.25	-106.03	-225.52	-1523.96	1.95	-459.10	24.47
38646	70.81	3.96	0.25	-65.05	-204.00	-1587.54	-1.52	-423.16	6.47
38647	71.98	3.95	0.25	-25.92	-186.01	-1651.13	-5.66	-373.39	-10.83
38648	73.16	3.95	0.25	8.78	-171.29	-1710.26	-9.71	-310.51	-26.92
38649	74.33	3.95	0.25	36.95	-159.69	-1761.04	-13.24	-236.14	-41.12
38650	75.51	3.95	0.25	57.06	-151.14	-1800.38	-16.11	-152.52	-52.67
38651	76.69	3.95	0.25	68.05	-145.61	-1826.12	-18.39	-62.28	-60.86
38652	77.86	3.95	0.25	69.37	-143.09	-1837.01	-20.37	31.72	-65.14
38653	60.49	5.08	0.25	-166.30	-556.60	-1704.77	-50.26	-408.68	431.68
38654	61.64	5.08	0.25	-295.25	-493.07	-1538.35	-95.86	-522.68	435.93
38655	62.80	5.08	0.25	-279.31	-457.68	-1482.95	-63.57	-539.94	314.87
38656	63.96	5.08	0.25	-267.85	-435.62	-1485.76	-25.98	-521.02	227.03
38657	65.12	5.07	0.25	-258.86	-398.80	-1492.39	3.02	-510.23	179.33
38658	66.28	5.07	0.25	-239.96	-358.88	-1511.27	17.92	-508.36	151.98
38659	67.44	5.07	0.25	-209.28	-322.49	-1546.19	22.90	-505.81	133.00
38660	68.60	5.07	0.25	-170.20	-291.13	-1595.47	22.17	-495.23	117.13
38661	69.76	5.07	0.25	-126.87	-264.44	-1654.95	18.35	-472.50	102.37
38662	70.92	5.06	0.25	-82.93	-241.78	-1719.71	12.93	-435.77	88.13
38663	72.08	5.06	0.25	-41.35	-222.68	-1784.83	6.82	-384.74	74.45
38664	73.23	5.06	0.25	-4.62	-206.89	-1845.72	0.60	-320.17	61.66
38665	74.39	5.06	0.25	25.28	-194.31	-1898.38	-5.38	-243.69	50.26
38666	75.55	5.06	0.25	46.80	-184.90	-1939.59	-10.97	-157.53	40.84
38667	76.71	5.05	0.25	58.89	-178.71	-1967.02	-16.21	-64.38	33.97
38668	77.87	5.05	0.25	60.94	-175.75	-1979.31	-21.27	32.86	30.11
38669	60.81	6.19	0.25	-169.92	-568.20	-1858.01	-41.51	-402.00	536.35
38670	61.95	6.18	0.25	-300.87	-552.60	-1676.14	-65.37	-569.89	524.31
38671	63.09	6.18	0.25	-308.90	-532.59	-1638.53	-36.02	-552.42	362.95
38672	64.23	6.18	0.25	-308.89	-494.25	-1637.54	7.78	-526.22	285.89
38673	65.36	6.18	0.25	-299.53	-446.44	-1637.12	31.47	-518.15	248.82
38674	66.50	6.17	0.25	-274.70	-402.98	-1651.12	40.53	-519.01	227.53
38675	67.64	6.17	0.25	-237.80	-366.22	-1683.09	41.82	-517.35	212.33
38676	68.78	6.17	0.25	-193.92	-335.21	-1730.47	38.96	-506.30	199.67
38677	69.92	6.17	0.25	-147.25	-308.78	-1788.61	33.66	-482.40	188.24
38678	71.05	6.16	0.25	-101.01	-286.12	-1852.45	26.85	-444.26	177.54
38679	72.19	6.16	0.25	-57.83	-266.80	-1917.03	19.14	-391.76	167.45
38680	73.33	6.16	0.25	-19.88	-250.64	-1977.79	10.95	-325.71	158.08
38681	74.47	6.16	0.25	11.00	-237.61	-2030.71	2.60	-247.70	149.67
38682	75.61	6.16	0.25	33.34	-227.76	-2072.52	-5.72	-159.89	142.59
38683	76.74	6.15	0.25	46.09	-221.16	-2100.83	-13.97	-64.92	137.23
38684	77.88	6.15	0.25	48.65	-217.88	-2114.19	-22.23	34.32	133.95
38685	61.20	7.27	0.25	-236.40	-596.18	-1898.79	-8.57	-603.42	850.38
38686	62.32	7.26	0.25	-347.27	-613.98	-1857.05	-41.44	-591.17	514.04
38687	63.43	7.26	0.25	-358.70	-595.66	-1829.45	7.33	-546.38	406.66
38688	64.54	7.26	0.25	-360.22	-538.89	-1807.47	38.71	-529.48	359.47
38689	65.66	7.26	0.25	-341.07	-488.34	-1793.61	52.19	-528.70	332.41
38690	66.77	7.26	0.25	-306.55	-447.35	-1800.36	56.90	-531.58	314.22
38691	67.88	7.26	0.25	-262.98	-413.36	-1827.67	56.70	-528.77	300.62
38692	68.99	7.26	0.25	-215.12	-384.47	-1871.30	53.26	-515.34	289.88
38693	70.11	7.26	0.25	-166.29	-359.46	-1926.10	47.46	-488.91	281.04
38694	71.22	7.26	0.25	-118.99	-337.69	-1986.91	39.85	-448.55	273.46
38695	72.33	7.26	0.25	-75.32	-318.89	-2048.89	30.88	-394.30	266.75
38696	73.44	7.25	0.25	-37.17	-303.01	-2107.59	20.94	-326.94	260.69
38697	74.56	7.25	0.25	-6.17	-290.10	-2159.08	10.37	-247.96	255.28
38698	75.67	7.25	0.25	16.31	-280.26	-2200.15	-0.59	-159.41	250.62
38699	76.78	7.25	0.25	29.24	-273.59	-2228.42	-11.80	-63.77	246.88
38700	77.89	7.25	0.25	32.02	-270.19	-2242.45	-23.24	36.19	244.30
38701	59.85	3.96	-1.25	-324.41	-581.82	-1644.79	70.97	-566.03	351.81
38702	61.05	3.96	-1.25	-262.02	-446.52	-1303.86	66.39	-475.85	225.76
38703	62.25	3.96	-1.25	-213.57	-401.43	-1253.95	23.27	-466.24	175.33
38704	63.45	3.96	-1.25	-179.02	-363.05	-1253.45	10.11	-459.21	118.36
38705	64.65	3.96	-1.25	-155.15	-328.67	-1267.75	14.04	-449.23	70.43
38706	65.85	3.96	-1.25	-134.92	-295.02	-1286.93	21.52	-440.20	35.13
38707	67.05	3.96	-1.25	-112.08	-263.17	-1312.88	26.07	-430.73	8.85
38708	68.25	3.96	-1.25	-84.68	-234.52	-1346.68	26.75	-416.86	-12.31
38709	69.45	3.96	-1.25	-53.69	-209.59	-1387.16	24.47	-395.05	-30.78



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]
38710	70.65	3.96	-1.25	-21.33	-188.31	-1431.71	20.37	-363.11	-47.65
38711	71.85	3.95	-1.25	9.97	-170.46	-1477.05	15.36	-320.22	-63.21
38712	73.05	3.95	-1.25	37.95	-155.84	-1519.84	10.05	-266.63	-77.30
38713	74.25	3.95	-1.25	60.70	-144.31	-1557.03	4.82	-203.47	-89.52
38714	75.45	3.95	-1.25	76.70	-135.79	-1586.11	-0.19	-132.45	-99.37
38715	76.65	3.95	-1.25	84.86	-130.27	-1605.24	-4.98	-55.71	-106.37
38716	77.85	3.95	-1.25	84.51	-127.73	-1613.32	-9.73	24.40	-110.13
38717	60.11	5.08	-1.25	-363.36	-647.68	-1855.14	76.83	-631.15	460.79
38718	61.29	5.08	-1.25	-309.26	-525.29	-1434.43	58.93	-474.73	314.95
38719	62.48	5.08	-1.25	-252.52	-467.28	-1374.39	37.29	-470.74	237.78
38720	63.66	5.08	-1.25	-209.52	-425.08	-1374.40	33.07	-464.99	170.18
38721	64.84	5.07	-1.25	-183.70	-385.14	-1388.47	40.21	-455.30	122.55
38722	66.03	5.07	-1.25	-162.29	-345.39	-1406.37	45.94	-447.28	90.78
38723	67.21	5.07	-1.25	-137.32	-309.12	-1431.34	47.26	-439.01	68.28
38724	68.39	5.07	-1.25	-107.29	-277.52	-1464.78	44.88	-425.92	50.54
38725	69.58	5.07	-1.25	-73.73	-250.52	-1505.43	40.05	-404.29	35.25
38726	70.76	5.06	-1.25	-39.07	-227.68	-1550.51	33.73	-371.97	21.40
38727	71.94	5.06	-1.25	-5.83	-208.56	-1596.65	26.61	-328.23	8.68
38728	73.13	5.06	-1.25	23.79	-192.86	-1640.43	19.15	-273.40	-2.83
38729	74.31	5.06	-1.25	47.90	-180.42	-1678.74	11.63	-208.64	-12.87
38730	75.49	5.06	-1.25	64.99	-171.16	-1708.97	4.16	-135.68	-21.06
38731	76.68	5.05	-1.25	73.98	-165.07	-1729.22	-3.24	-56.70	-27.05
38732	77.86	5.05	-1.25	74.19	-162.16	-1738.33	-10.68	25.88	-30.49
38733	60.43	6.18	-1.25	-378.45	-724.95	-1989.22	83.30	-637.06	573.08
38734	61.59	6.18	-1.25	-331.73	-616.11	-1542.70	76.77	-509.57	404.19
38735	62.75	6.18	-1.25	-273.66	-544.57	-1509.66	54.56	-487.21	296.75
38736	63.92	6.18	-1.25	-237.90	-494.69	-1511.64	61.55	-472.07	226.17
38737	65.08	6.18	-1.25	-215.83	-443.76	-1520.36	68.67	-460.64	182.59
38738	66.24	6.17	-1.25	-193.00	-397.72	-1533.60	70.24	-453.55	155.02
38739	67.40	6.17	-1.25	-164.67	-358.33	-1555.54	67.58	-446.13	135.79
38740	68.57	6.17	-1.25	-131.24	-325.12	-1587.08	62.18	-433.12	120.85
38741	69.73	6.17	-1.25	-94.91	-297.15	-1626.45	55.01	-410.96	108.27
38742	70.89	6.16	-1.25	-58.20	-273.57	-1670.64	46.70	-377.77	97.18
38743	72.06	6.16	-1.25	-23.45	-253.82	-1716.17	37.65	-333.00	87.23
38744	73.22	6.16	-1.25	7.28	-237.56	-1759.63	28.13	-277.06	78.32
38745	74.38	6.16	-1.25	32.23	-224.61	-1797.90	18.36	-211.12	70.56
38746	75.54	6.16	-1.25	49.99	-214.91	-1828.41	8.44	-136.90	64.13
38747	76.71	6.15	-1.25	59.50	-208.44	-1849.23	-1.59	-56.53	59.28
38748	77.87	6.15	-1.25	60.09	-205.22	-1859.17	-11.78	27.58	56.24
38749	60.81	7.27	-1.25	-398.05	-906.13	-1931.34	139.44	-701.62	748.32
38750	61.95	7.26	-1.25	-335.25	-685.98	-1692.46	88.98	-542.03	451.30
38751	63.09	7.26	-1.25	-295.17	-633.25	-1678.93	91.46	-500.38	353.65
38752	64.23	7.26	-1.25	-275.02	-563.28	-1666.06	97.97	-478.29	291.48
38753	65.36	7.26	-1.25	-253.50	-502.31	-1662.44	96.89	-467.10	253.46
38754	66.50	7.26	-1.25	-226.04	-452.68	-1668.24	92.46	-460.91	228.74
38755	67.64	7.26	-1.25	-192.78	-412.10	-1685.74	85.97	-453.22	211.25
38756	68.78	7.26	-1.25	-155.60	-378.53	-1714.18	78.04	-439.01	198.01
38757	69.92	7.26	-1.25	-116.79	-350.44	-1751.03	68.99	-415.26	187.48
38758	71.05	7.26	-1.25	-78.59	-326.79	-1792.98	58.98	-380.53	178.78
38759	72.19	7.26	-1.25	-43.00	-306.96	-1836.55	48.18	-334.45	171.37
38760	73.33	7.25	-1.25	-11.81	-290.60	-1878.39	36.72	-277.50	164.96
38761	74.47	7.25	-1.25	13.41	-277.54	-1915.51	24.78	-210.80	159.44
38762	75.61	7.25	-1.25	31.35	-267.71	-1945.40	12.49	-136.00	154.80
38763	76.74	7.25	-1.25	41.02	-261.06	-1966.20	-0.10	-55.13	151.11
38764	77.88	7.25	-1.25	41.76	-257.63	-1976.74	-13.02	29.52	148.52
38765	94.95	8.10	1.75	-245.26	-305.32	-2818.43	24.96	718.90	351.14
38766	94.66	8.70	1.75	-255.61	-306.05	-2925.38	29.38	730.68	376.23
38767	93.88	8.10	1.75	-298.29	-338.20	-2676.98	-13.90	832.96	414.00
38768	93.61	8.70	1.75	-301.83	-340.40	-2791.06	-9.10	842.74	446.78
38769	92.82	8.10	1.75	-370.53	-372.78	-2518.47	-65.69	899.46	449.90
38770	92.57	8.70	1.75	-372.33	-380.76	-2637.32	-63.98	910.75	489.77
38771	91.75	8.10	1.75	-399.41	-387.42	-2384.39	-100.24	913.78	457.80
38772	91.52	8.70	1.75	-401.51	-400.31	-2502.66	-101.47	925.67	502.22
38773	90.69	8.10	1.75	-397.65	-390.15	-2300.69	-119.98	907.75	455.83
38774	90.47	8.70	1.75	-400.14	-407.03	-2416.48	-123.62	918.21	503.33
38775	89.63	8.10	1.75	-375.54	-385.36	-2260.96	-129.26	891.30	451.42
38776	89.43	8.70	1.75	-378.42	-405.45	-2372.93	-134.78	899.72	502.01
38777	88.56	8.10	1.75	-340.06	-376.11	-2256.54	-131.37	866.76	447.20
38778	88.38	8.70	1.75	-343.56	-399.09	-2363.90	-138.40	873.01	500.61
38779	87.50	8.10	1.75	-295.87	-364.26	-2279.36	-128.57	833.26	443.76
38780	87.34	8.70	1.75	-300.14	-389.65	-2381.80	-136.70	837.16	499.90
38781	86.43	8.10	1.75	-246.47	-350.96	-2322.04	-122.32	789.25	441.21
38782	86.29	8.70	1.75	-251.60	-378.36	-2419.32	-131.05	791.12	500.24
38783	85.37	8.10	1.75	-194.77	-337.23	-2377.69	-113.66	733.42	439.36
38784	85.25	8.70	1.75	-200.85	-366.39	-2469.78	-122.55	733.67	501.30
38785	84.30	8.10	1.75	-143.44	-323.91	-2439.88	-103.39	664.99	437.99
38786	84.20	8.70	1.75	-150.51	-354.59	-2526.94	-112.03	664.12	502.78
38787	83.24	8.10	1.75	-94.97	-311.70	-2502.63	-92.13	583.95	436.99
38788	83.16	8.70	1.75	-103.02	-343.66	-2584.98	-100.12	582.48	504.46
38789	82.18	8.10	1.75	-51.63	-301.20	-2560.48	-80.35	491.11	436.34
38790	82.11	8.70	1.75	-60.60	-334.21	-2638.65	-87.29	489.53	506.18
38791	81.11	8.10	1.75	-15.45	-292.90	-2608.71	-68.35	388.02	436.09
38792	81.06	8.70	1.75	-25.21	-326.74	-2683.37	-73.93	386.79	507.87
38793	80.05	8.10	1.75	11.90	-287.20	-2643.44	-56.34	276.94	436.29
38794	80.02	8.70	1.75	1.54	-321.64	-2715.39	-60.29	276.42	509.46
38795	78.98	8.10	1.75	29.14	-284.37	-2661.80	-44.41	160.62	437.00
38796	78.97	8.70	1.75	18.43	-319.17	-2731.92	-46.59	161.08	510.92
38797	95.35	8.10	0.25	-262.15	-412.97	-3135.80	54.27	847.52	435.49
38798	95.06	8.70	0.25	-265.96	-409.42	-3250.72	68.15	853.53	463.70
38799	94.26	8.10	0.25	-521.68	-519.31	-2793.21	-94.71	1024.43	519.25
38800	93.99	8.70	0.25	-527.45	-535.61	-2916.82	-93.53	1041.52	568.88
38801	93.17	8.10	0.25	-557.06	-520.22	-2453.61	-150.71	972.03	483.28
38802	92.92	8.70	0.25	-564.97	-542.50	-2570.71	-154.18	991.09	533.84
38803	92.08	8.10	0.25	-535.82	-504.02	-2263.82	-169.86	914.16	443.13
38804	91.85	8.70	0.25	-544.60	-529.87	-2374.80	-175.78	931.69	493.79
38805	90.99	8.10	0.25	-492.73	-482.48	-2154.79	-173.25	865.62	411.09
38806	90.78	8.70	0.25	-501.60	-510.68	-2260.99	-180.67	880.19	461.54
38807	89.90	8.10	0.25	-440.83	-459.82	-2097.93	-169.13	824.28	387.40
38808	89.71	8.70	0.25	-449.71	-489.66	-2199.62	-177.49	835.82	438.33

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]
38809	88.81	8.10	0.25	-385.07	-437.52	-2076.95	-160.85	785.20	370.22
38810	88.63	8.70	0.25	-393.94	-468.72	-2174.25	-169.75	793.90	421.87
38811	87.72	8.10	0.25	-327.75	-416.28	-2081.78	-150.11	743.89	357.80
38812	87.56	8.70	0.25	-336.84	-448.64	-2174.87	-159.32	749.86	410.54
38813	86.63	8.10	0.25	-270.48	-396.40	-2104.92	-137.80	697.11	348.90
38814	86.49	8.70	0.25	-279.93	-429.72	-2193.79	-146.99	700.82	403.15
38815	85.54	8.10	0.25	-214.66	-378.13	-2140.16	-124.43	642.64	342.54
38816	85.42	8.70	0.25	-224.60	-412.34	-2224.86	-133.33	644.57	398.47
38817	84.45	8.10	0.25	-161.73	-361.76	-2182.06	-110.41	579.18	337.98
38818	84.35	8.70	0.25	-172.27	-396.79	-2262.73	-118.75	579.84	395.69
38819	83.36	8.10	0.25	-113.21	-347.57	-2225.69	-96.01	506.33	334.79
38820	83.27	8.70	0.25	-124.41	-383.32	-2302.59	-103.53	506.21	394.23
38821	82.27	8.10	0.25	-70.61	-335.82	-2266.64	-81.46	424.49	332.69
38822	82.20	8.70	0.25	-82.46	-372.20	-2340.18	-87.92	424.06	393.70
38823	81.18	8.10	0.25	-35.32	-326.76	-2301.09	-66.91	334.77	331.52
38824	81.13	8.70	0.25	-47.74	-363.64	-2371.81	-72.09	334.44	393.84
38825	80.09	8.10	0.25	-8.52	-320.60	-2325.94	-52.46	238.90	331.20
38826	80.06	8.70	0.25	-21.39	-357.86	-2394.47	-56.20	239.01	394.48
38827	79.00	8.10	0.25	8.86	-317.49	-2338.88	-38.17	139.08	331.71
38828	78.99	8.70	0.25	-4.25	-354.97	-2405.95	-40.40	139.86	395.47
38829	95.75	8.10	-1.25	-1133.90	-952.16	-3785.76	-279.64	1519.34	806.21
38830	95.47	8.70	-1.25	-1156.70	-996.71	-3941.94	-291.93	1551.41	881.72
38831	94.63	8.10	-1.25	-930.79	-745.51	-2578.79	-297.38	1056.86	523.30
38832	94.37	8.70	-1.25	-952.51	-790.27	-2694.42	-314.24	1083.85	579.59
38833	93.52	8.10	-1.25	-771.62	-647.57	-2257.94	-269.07	891.61	409.08
38834	93.28	8.70	-1.25	-791.51	-688.41	-2360.28	-283.83	912.96	458.17
38835	92.40	8.10	-1.25	-649.57	-577.14	-2084.68	-241.81	804.45	345.32
38836	92.18	8.70	-1.25	-666.55	-615.69	-2180.84	-254.98	821.40	390.86
38837	91.28	8.10	-1.25	-551.19	-524.23	-1986.67	-218.04	750.57	305.79
38838	91.08	8.70	-1.25	-566.13	-561.41	-2079.01	-230.23	763.88	349.93
38839	90.17	8.10	-1.25	-467.36	-482.15	-1931.84	-197.24	710.43	279.50
38840	89.98	8.70	-1.25	-481.05	-518.50	-2020.94	-208.74	720.76	323.33
38841	89.05	8.10	-1.25	-392.89	-447.21	-1906.17	-178.18	674.61	261.22
38842	88.88	8.70	-1.25	-405.46	-482.93	-1992.13	-188.89	682.34	305.26
38843	87.94	8.10	-1.25	-324.78	-417.65	-1901.47	-160.19	637.65	248.22
38844	87.78	8.70	-1.25	-336.82	-453.22	-1984.47	-170.35	642.97	292.96
38845	86.82	8.10	-1.25	-261.78	-392.31	-1911.92	-142.92	596.32	238.93
38846	86.69	8.70	-1.25	-273.64	-427.85	-1991.89	-152.46	599.72	284.81
38847	85.70	8.10	-1.25	-203.49	-370.48	-1932.73	-126.05	548.63	232.27
38848	85.59	8.70	-1.25	-215.41	-406.13	-2009.62	-134.89	550.54	279.44
38849	84.59	8.10	-1.25	-150.14	-351.83	-1959.68	-109.44	493.50	227.51
38850	84.49	8.70	-1.25	-162.31	-387.69	-2033.54	-117.48	494.34	276.04
38851	83.47	8.10	-1.25	-102.36	-336.22	-1988.94	-93.04	430.61	224.20
38852	83.39	8.70	-1.25	-114.91	-372.33	-2059.92	-100.14	430.78	274.06
38853	82.36	8.10	-1.25	-60.99	-323.63	-2017.06	-76.84	360.32	222.06
38854	82.29	8.70	-1.25	-73.96	-360.01	-2085.43	-82.88	360.21	273.12
38855	81.24	8.10	-1.25	-26.91	-314.09	-2041.03	-60.83	283.59	220.91
38856	81.20	8.70	-1.25	-40.28	-350.71	-2107.17	-65.68	283.55	272.98
38857	80.12	8.10	-1.25	-0.90	-307.66	-2058.36	-45.02	201.88	220.66
38858	80.10	8.70	-1.25	-14.59	-344.48	-2122.78	-48.58	202.16	273.47
38859	79.01	8.10	-1.25	16.43	-304.49	-2067.23	-29.40	117.00	221.30
38860	79.00	8.70	-1.25	2.57	-341.41	-2130.53	-31.60	117.77	274.51
38861	77.92	8.10	1.75	35.44	-284.59	-2662.07	-32.60	42.23	438.29
38862	77.93	8.70	1.75	24.55	-319.51	-2731.47	-32.96	43.75	512.35
38863	76.85	8.10	1.75	30.43	-287.92	-2643.62	-20.95	-74.75	440.02
38864	76.88	8.70	1.75	19.61	-322.69	-2713.50	-19.53	-72.06	513.62
38865	75.79	8.10	1.75	14.24	-294.24	-2606.99	-9.57	-186.90	441.94
38866	75.84	8.70	1.75	3.84	-328.62	-2678.36	-6.48	-183.21	514.44
38867	74.72	8.10	1.75	-12.50	-303.38	-2553.91	1.36	-290.98	443.78
38868	74.79	8.70	1.75	-22.15	-337.15	-2627.71	5.86	-286.57	514.68
38869	73.66	8.10	1.75	-48.72	-315.06	-2487.27	11.50	-384.06	445.31
38870	73.74	8.70	1.75	-57.31	-347.98	-2564.36	17.07	-379.37	514.23
38871	72.60	8.10	1.75	-92.99	-328.90	-2410.97	20.37	-463.73	446.35
38872	72.70	8.70	1.75	-100.21	-360.73	-2492.07	26.61	-459.33	513.06
38873	71.53	8.10	1.75	-143.64	-344.51	-2329.71	27.34	-528.20	446.88
38874	71.65	8.70	1.75	-149.22	-374.98	-2415.39	33.81	-524.79	511.29
38875	70.47	8.10	1.75	-198.91	-361.47	-2248.82	31.64	-576.41	446.97
38876	70.61	8.70	1.75	-202.63	-390.27	-2339.44	37.82	-574.78	509.16
38877	69.40	8.10	1.75	-257.25	-379.34	-2174.00	32.37	-607.94	446.89
38878	69.56	8.70	1.75	-258.82	-406.12	-2269.70	37.60	-608.94	507.05
38879	68.34	8.10	1.75	-317.40	-397.84	-2111.25	28.61	-622.75	446.84
38880	68.52	8.70	1.75	-316.53	-421.83	-2211.94	31.91	-627.32	505.47
38881	67.27	8.10	1.75	-378.46	-417.09	-2066.79	19.23	-621.03	446.71
38882	67.47	8.70	1.75	-375.06	-437.50	-2172.29	19.39	-629.79	504.19
38883	66.21	8.10	1.75	-439.73	-437.63	-2047.08	2.94	-602.83	445.74
38884	66.43	8.70	1.75	-434.25	-452.63	-2156.53	-2.28	-616.65	502.80
38885	65.15	8.10	1.75	-499.51	-462.39	-2058.06	-20.66	-568.67	440.58
38886	65.38	8.70	1.75	-494.55	-467.82	-2170.74	-35.78	-586.36	498.54
38887	64.08	8.10	1.75	-552.97	-505.22	-2093.20	-48.74	-526.59	425.05
38888	64.33	8.70	1.75	-563.23	-484.71	-2211.71	-83.55	-538.11	481.58
38889	63.02	8.10	1.75	-597.54	-602.74	-2099.28	-92.68	-493.47	397.02
38890	63.29	8.70	1.75	-666.63	-548.87	-2244.95	-141.53	-471.00	436.91
38891	61.95	8.10	1.75	-623.09	-539.74	-1976.92	-117.74	-556.83	454.94
38892	62.24	8.70	1.75	-961.75	-639.22	-2177.45	-231.40	-382.80	310.51
38893	77.90	8.10	0.25	16.25	-317.61	-2338.55	-24.08	37.86	333.07
38894	77.91	8.70	0.25	3.06	-355.10	-2404.95	-24.75	39.30	396.92
38895	76.81	8.10	0.25	13.46	-321.00	-2324.42	-10.29	-61.83	335.17
38896	76.84	8.70	0.25	0.33	-358.32	-2390.99	-9.41	-59.57	398.73
38897	75.72	8.10	0.25	0.67	-327.53	-2296.87	3.12	-157.25	337.75
38898	75.77	8.70	0.25	-12.13	-364.62	-2364.42	5.49	-154.33	400.62
38899	74.63	8.10	0.25	-21.48	-337.12	-2257.31	16.04	-245.82	340.70
38900	74.70	8.70	0.25	-33.75	-373.91	-2326.62	19.74	-242.51	402.57
38901	73.54	8.10	0.25	-52.03	-349.65	-2208.06	28.25	-325.20	344.02
38902	73.63	8.70	0.25	-63.60	-386.02	-2279.83	33.06	-321.91	404.68
38903	72.45	8.10	0.25	-89.68	-364.99	-2152.25	39.45	-393.47	347.78
38904	72.55	8.70	0.25	-100.44	-400.83	-2227.04	45.15	-390.75	407.14
38905	71.36	8.10	0.25	-132.93	-383.05	-2093.64	49.28	-449.27	352.24
38906	71.48	8.70	0.25	-142.85	-418.22	-2171.87	55.58	-447.75	410.34
38907	70.27	8.10	0.25	-180.12	-403.79	-2036.54	57.28	-491.87	357.82

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]
38908	70.41	8.70	0.25	-189.26	-438.13	-2118.48	63.90	-492.29	414.86
38909	69.18	8.10	0.25	-229.48	-427.30	-1985.64	63.00	-521.25	365.23
38910	69.34	8.70	0.25	-238.06	-460.57	-2071.42	69.57	-524.38	421.55
38911	68.09	8.10	0.25	-279.10	-453.97	-1946.10	65.93	-538.05	375.37
38912	68.27	8.70	0.25	-287.59	-485.69	-2035.73	72.00	-544.74	431.72
38913	67.00	8.10	0.25	-326.57	-484.57	-1923.34	65.36	-543.91	389.27
38914	67.19	8.70	0.25	-335.98	-514.12	-2017.12	70.45	-554.47	446.36
38915	65.91	8.10	0.25	-368.63	-520.36	-1922.90	60.19	-542.07	408.32
38916	66.12	8.70	0.25	-380.78	-546.13	-2021.45	63.53	-556.51	466.99
38917	64.82	8.10	0.25	-400.27	-563.22	-1948.70	48.75	-537.96	433.89
38918	65.05	8.70	0.25	-418.57	-582.93	-2055.23	49.13	-554.14	495.40
38919	63.73	8.10	0.25	-415.29	-618.39	-1998.95	29.25	-537.68	467.29
38920	63.98	8.70	0.25	-447.47	-621.53	-2124.92	22.35	-547.73	529.73
38921	62.64	8.10	0.25	-410.42	-674.52	-2062.73	-16.92	-545.83	498.26
38922	62.91	8.70	0.25	-465.46	-674.70	-2236.97	-24.00	-518.96	560.66
38923	61.55	8.10	0.25	-403.28	-536.36	-2012.29	15.19	-677.12	497.52
38924	61.84	8.70	0.25	-552.05	-536.66	-2319.42	-117.56	-399.12	409.96
38925	77.89	8.10	-1.25	24.76	-304.77	-2066.48	-14.04	31.09	222.91
38926	77.90	8.70	-1.25	10.79	-341.91	-2129.55	-14.81	32.23	276.51
38927	76.78	8.10	-1.25	24.01	-308.40	-2055.75	0.87	-53.34	225.33
38928	76.80	8.70	-1.25	9.97	-345.74	-2119.33	1.38	-51.51	279.15
38929	75.66	8.10	-1.25	14.41	-315.10	-2035.45	15.36	-134.02	228.26
38930	75.70	8.70	-1.25	0.52	-352.42	-2099.89	17.16	-131.62	281.74
38931	74.54	8.10	-1.25	-3.38	-324.88	-2006.66	29.44	-208.83	231.67
38932	74.61	8.70	-1.25	-16.96	-362.13	-2072.37	32.48	-206.12	284.43
38933	73.43	8.10	-1.25	-28.43	-337.84	-1971.18	43.01	-275.86	235.62
38934	73.51	8.70	-1.25	-41.62	-374.97	-2038.57	47.20	-273.19	287.46
38935	72.31	8.10	-1.25	-59.54	-354.08	-1931.41	55.93	-333.55	240.30
38936	72.41	8.70	-1.25	-72.35	-391.06	-2000.81	61.15	-331.35	291.12
38937	71.20	8.10	-1.25	-95.31	-373.78	-1890.24	68.03	-380.82	246.01
38938	71.31	8.70	-1.25	-107.89	-410.61	-1961.88	74.20	-379.58	295.83
38939	70.08	8.10	-1.25	-134.19	-397.27	-1850.87	79.22	-417.20	253.21
38940	70.21	8.70	-1.25	-146.83	-433.96	-1924.90	86.25	-417.46	302.20
38941	68.96	8.10	-1.25	-174.51	-425.15	-1816.75	89.48	-442.99	262.66
38942	69.12	8.70	-1.25	-187.73	-461.68	-1893.21	97.33	-445.24	311.09
38943	67.85	8.10	-1.25	-214.45	-458.56	-1791.34	98.93	-459.29	275.41
38944	68.02	8.70	-1.25	-229.17	-494.87	-1870.32	107.69	-464.03	323.90
38945	66.73	8.10	-1.25	-252.05	-499.06	-1777.81	107.63	-468.52	292.93
38946	66.92	8.70	-1.25	-269.69	-535.34	-1859.93	117.66	-475.61	342.09
38947	65.62	8.10	-1.25	-285.53	-549.21	-1778.50	116.00	-475.07	317.85
38948	65.82	8.70	-1.25	-307.85	-584.83	-1865.05	127.75	-484.20	368.18
38949	64.50	8.10	-1.25	-312.95	-612.70	-1794.64	124.68	-485.15	354.81
38950	64.72	8.70	-1.25	-343.06	-648.36	-1889.87	139.85	-495.53	407.52
38951	63.38	8.10	-1.25	-331.55	-697.93	-1829.92	134.56	-507.18	413.66
38952	63.62	8.70	-1.25	-373.29	-728.98	-1942.11	155.45	-517.00	468.81
38953	62.27	8.10	-1.25	-340.24	-785.14	-1894.46	124.07	-548.70	499.45
38954	62.53	8.70	-1.25	-387.04	-853.87	-2061.36	174.60	-558.07	578.17
38955	61.15	8.10	-1.25	-371.26	-804.31	-1938.08	172.78	-708.48	552.48
38956	61.43	8.70	-1.25	-387.27	-812.58	-2359.05	161.04	-593.61	644.54
38957	89.43	9.45	1.75	-387.31	-428.09	-2530.92	-136.75	912.18	565.82
38958	90.40	9.41	1.75	-403.73	-422.83	-2574.85	-121.89	929.37	559.64
38959	91.37	9.36	1.75	-401.77	-410.65	-2653.81	-97.31	935.18	550.43
38960	89.62	10.34	1.75	-399.38	-450.02	-2750.89	-130.52	929.07	644.95
38961	90.47	10.22	1.75	-405.04	-434.77	-2785.91	-111.05	940.44	625.57
38962	91.31	10.08	1.75	-396.89	-414.35	-2842.22	-84.68	940.51	601.80
38963	89.80	11.25	1.75	-403.50	-455.18	-3012.26	-111.74	938.64	720.44
38964	90.52	11.03	1.75	-400.11	-434.21	-3023.70	-91.09	943.19	687.48
38965	91.23	10.80	1.75	-386.42	-408.33	-3043.99	-65.81	936.67	649.49
38966	78.98	9.82	1.75	-8.23	-389.79	-2864.59	-50.70	163.94	650.36
38967	80.05	9.80	1.75	-25.13	-390.62	-2848.91	-68.28	281.74	645.58
38968	81.11	9.78	1.75	-52.01	-393.30	-2817.79	-85.18	394.08	638.86
38969	82.17	9.76	1.75	-87.39	-397.60	-2774.42	-100.98	498.26	630.60
38970	83.22	9.73	1.75	-129.41	-403.14	-2722.76	-115.26	592.19	621.19
38971	84.27	9.69	1.75	-175.94	-409.42	-2667.49	-127.55	674.52	611.08
38972	85.32	9.65	1.75	-224.63	-415.89	-2613.79	-137.34	744.62	600.76
38973	86.36	9.61	1.75	-272.95	-421.87	-2567.22	-144.03	802.62	590.71
38974	87.39	9.55	1.75	-318.24	-426.58	-2533.61	-146.86	849.25	581.36
38975	88.43	9.50	1.75	-357.53	-429.02	-2518.96	-144.80	885.58	572.87
38976	79.01	11.45	1.75	-56.78	-500.31	-3068.18	-55.76	170.39	849.23
38977	80.13	11.41	1.75	-73.91	-498.12	-3053.71	-78.38	293.62	839.84
38978	81.24	11.36	1.75	-101.19	-496.07	-3023.62	-99.38	410.42	825.73
38979	82.34	11.29	1.75	-136.63	-494.02	-2981.73	-117.96	517.96	807.76
38980	83.43	11.20	1.75	-177.95	-491.72	-2932.23	-133.43	614.18	786.81
38981	84.51	11.09	1.75	-222.63	-488.83	-2879.81	-145.18	697.87	763.83
38982	85.57	10.97	1.75	-268.00	-484.95	-2829.48	-152.70	768.59	739.71
38983	86.62	10.83	1.75	-311.32	-479.59	-2786.28	-155.47	826.57	715.19
38984	87.66	10.67	1.75	-349.83	-472.19	-2755.17	-152.98	872.45	690.73
38985	88.69	10.50	1.75	-380.50	-462.18	-2740.84	-144.54	906.96	666.31
38986	79.04	13.09	1.75	-118.92	-603.22	-3319.92	-58.77	176.37	1046.23
38987	80.21	13.03	1.75	-135.48	-598.00	-3308.33	-84.49	302.50	1033.52
38988	81.36	12.95	1.75	-161.46	-590.49	-3282.03	-107.72	421.91	1013.40
38989	82.50	12.83	1.75	-194.65	-580.80	-3244.78	-127.30	531.76	987.08
38990	83.62	12.68	1.75	-232.56	-568.99	-3200.41	-142.31	629.99	955.76
38991	84.72	12.51	1.75	-272.45	-555.07	-3153.08	-152.04	715.32	920.66
38992	85.80	12.30	1.75	-311.47	-539.03	-3107.05	-155.99	787.17	882.85
38993	86.87	12.06	1.75	-346.76	-520.73	-3066.40	-153.77	845.46	843.11
38994	87.91	11.80	1.75	-375.54	-499.94	-3034.78	-145.12	890.37	801.81
38995	88.94	11.51	1.75	-395.18	-476.84	-3015.19	-130.15	921.91	758.65
38996	79.06	14.73	1.75	-194.91	-666.16	-3680.11	-58.57	183.01	1247.79
38997	80.26	14.66	1.75	-209.81	-658.52	-3671.91	-83.49	309.81	1232.50
38998	81.45	14.55	1.75	-232.30	-645.71	-3650.00	-105.32	430.11	1206.85
38999	82.63	14.39	1.75	-260.22	-628.25	-3617.34	-122.64	541.01	1172.11
39000	83.78	14.19	1.75	-291.10	-606.72	-3576.82	-134.36	640.28	1129.57
39001	84.91	13.94	1.75	-322.21	-581.68	-3531.50	-139.72	726.30	1080.49
39002	86.01	13.65	1.75	-350.75	-553.70	-3484.37	-138.33	797.98	1026.03
39003	87.09	13.32	1.75	-373.99	-523.30	-3438.02	-130.09	854.64	967.04
39004	88.14	12.95	1.75	-389.40	-490.96	-3394.40	-115.22	895.76	903.99
39005	89.17	12.54	1.75	-394.90	-456.69	-3354.57	-94.40	920.87	837.12
39006	79.07	16.37	1.75	-269.52	-598.26	-4191.92	-52.10	188.64	1396.31

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]
39007	80.31	16.30	1.75	-281.08	-589.68	-4186.08	-68.42	310.32	1378.59
39008	81.53	16.16	1.75	-297.01	-574.60	-4164.70	-81.75	426.00	1346.81
39009	82.73	15.96	1.75	-315.56	-554.02	-4129.57	-90.71	532.60	1302.30
39010	83.91	15.70	1.75	-334.71	-529.03	-4082.47	-94.35	627.55	1246.52
39011	85.06	15.39	1.75	-352.28	-500.82	-4025.24	-92.20	708.84	1181.10
39012	86.19	15.02	1.75	-366.11	-470.61	-3959.60	-84.26	774.94	1107.68
39013	87.29	14.59	1.75	-374.24	-439.62	-3886.95	-71.00	824.81	1027.89
39014	88.35	14.11	1.75	-375.24	-408.93	-3808.25	-53.30	857.83	943.24
39015	89.38	13.57	1.75	-368.20	-379.09	-3723.85	-32.29	873.77	855.11
39016	79.08	18.02	1.75	-328.32	-431.96	-4767.61	-40.98	187.70	1356.55
39017	80.33	17.94	1.75	-335.69	-425.27	-4762.39	-45.60	290.88	1338.22
39018	81.58	17.78	1.75	-344.53	-414.92	-4736.14	-48.31	389.49	1305.32
39019	82.80	17.54	1.75	-353.87	-401.82	-4689.79	-48.33	480.77	1259.20
39020	84.01	17.23	1.75	-362.60	-386.91	-4624.57	-45.31	562.46	1201.48
39021	85.19	16.85	1.75	-369.55	-371.19	-4541.91	-39.21	632.79	1134.11
39022	86.34	16.40	1.75	-373.70	-355.67	-4443.36	-30.38	690.54	1059.27
39023	87.46	15.87	1.75	-374.25	-341.23	-4330.52	-19.48	735.06	979.24
39024	88.54	15.28	1.75	-370.69	-328.61	-4204.96	-7.33	766.24	896.33
39025	89.57	14.62	1.75	-363.15	-318.39	-4068.25	5.15	784.47	812.68
39026	94.23	9.51	1.75	-270.84	-308.02	-3073.39	32.96	744.85	417.34
39027	93.64	10.51	1.75	-288.91	-307.57	-3260.19	35.04	760.75	470.07
39028	93.00	11.47	1.75	-308.92	-306.41	-3444.97	34.81	772.65	526.18
39029	93.28	9.44	1.75	-304.02	-340.02	-2940.02	-1.40	848.92	486.30
39030	92.87	10.31	1.75	-304.83	-334.47	-3122.84	9.67	848.50	531.07
39031	92.43	11.15	1.75	-308.03	-326.19	-3303.98	19.38	842.16	575.00
39032	92.33	9.37	1.75	-370.92	-385.11	-2785.51	-56.99	918.34	532.38
39033	92.11	10.11	1.75	-364.04	-383.04	-2963.80	-44.00	918.12	576.69
39034	91.86	10.83	1.75	-355.88	-374.63	-3144.52	-29.32	910.75	618.14
39035	90.54	13.92	1.75	-353.20	-311.43	-3923.16	15.60	791.81	733.32
39036	90.28	13.02	1.75	-355.10	-354.88	-3634.58	-12.46	875.27	773.60
39037	90.02	12.14	1.75	-390.74	-426.57	-3319.34	-72.50	929.37	776.70
39038	91.42	13.16	1.75	-341.08	-307.35	-3771.77	23.93	791.66	658.92
39039	91.07	12.46	1.75	-339.53	-338.27	-3541.01	3.39	867.29	700.43
39040	90.72	11.78	1.75	-379.55	-402.59	-3286.23	-51.98	926.55	722.74
39041	92.25	12.36	1.75	-325.85	-305.92	-3615.14	30.63	784.25	588.92
39042	91.82	11.87	1.75	-320.98	-324.63	-3442.89	17.22	850.20	629.27
39043	91.39	11.39	1.75	-362.30	-380.37	-3252.77	-31.48	913.53	666.57
39044	89.71	9.46	0.25	-474.09	-532.19	-2352.90	-187.70	859.79	511.49
39045	90.71	9.42	0.25	-520.53	-547.08	-2416.75	-187.42	905.24	530.76
39046	91.71	9.37	0.25	-557.90	-559.70	-2527.82	-178.85	956.18	557.55
39047	89.92	10.39	0.25	-515.80	-591.41	-2576.82	-197.31	902.96	618.10
39048	90.79	10.26	0.25	-549.55	-594.12	-2636.96	-190.87	945.90	627.52
39049	91.65	10.12	0.25	-574.42	-593.65	-2732.61	-176.70	990.38	640.67
39050	90.11	11.33	0.25	-556.45	-646.29	-2857.30	-197.63	953.47	741.72
39051	90.84	11.10	0.25	-575.70	-636.62	-2900.72	-185.79	989.83	735.99
39052	91.57	10.86	0.25	-585.71	-621.69	-2966.58	-166.67	1023.95	731.01
39053	79.00	9.85	0.25	-36.80	-434.38	-2540.48	-45.09	143.20	522.43
39054	80.09	9.83	0.25	-54.13	-435.86	-2529.28	-64.69	244.84	518.66
39055	81.18	9.81	0.25	-80.85	-439.69	-2507.12	-83.89	342.52	513.97
39056	82.27	9.79	0.25	-115.93	-445.78	-2476.30	-102.39	434.03	508.74
39057	83.35	9.76	0.25	-158.07	-453.94	-2439.98	-119.93	517.79	503.44
39058	84.42	9.72	0.25	-205.82	-463.96	-2401.89	-136.27	592.91	498.63
39059	85.50	9.68	0.25	-257.62	-475.60	-2366.31	-151.14	659.22	495.01
39060	86.56	9.63	0.25	-311.94	-488.62	-2337.92	-164.26	717.31	493.41
39061	87.63	9.57	0.25	-367.26	-502.73	-2321.90	-175.23	768.60	494.82
39062	88.68	9.51	0.25	-422.06	-517.51	-2324.16	-183.43	815.36	500.37
39063	79.03	11.54	0.25	-96.29	-568.11	-2749.94	-51.82	150.57	712.97
39064	80.18	11.51	0.25	-114.23	-566.87	-2739.09	-77.00	258.00	705.29
39065	81.32	11.45	0.25	-141.93	-566.80	-2717.40	-101.04	360.88	694.85
39066	82.45	11.37	0.25	-178.00	-567.79	-2687.28	-123.34	456.85	682.26
39067	83.57	11.28	0.25	-220.78	-569.74	-2652.09	-143.43	544.43	668.39
39068	84.67	11.17	0.25	-268.51	-572.52	-2615.66	-160.95	622.90	654.24
39069	85.76	11.04	0.25	-319.37	-575.96	-2582.22	-175.58	692.35	640.89
39070	86.84	10.89	0.25	-371.58	-579.85	-2556.26	-187.03	753.61	629.44
39071	87.91	10.73	0.25	-423.41	-583.93	-2542.64	-194.93	808.14	620.94
39072	88.96	10.55	0.25	-472.93	-587.85	-2546.87	-198.63	858.11	616.34
39073	79.05	13.25	0.25	-174.96	-717.48	-3008.98	-57.79	158.41	920.72
39074	80.26	13.19	0.25	-193.03	-713.38	-3000.18	-87.84	270.65	910.29
39075	81.44	13.10	0.25	-220.60	-708.60	-2981.29	-116.03	378.35	895.39
39076	82.61	12.98	0.25	-256.11	-703.15	-2954.54	-141.45	479.13	876.84
39077	83.76	12.82	0.25	-297.69	-697.08	-2923.14	-163.41	571.59	855.78
39078	84.89	12.64	0.25	-343.35	-690.43	-2890.69	-181.39	655.10	833.44
39079	86.01	12.42	0.25	-391.02	-683.17	-2861.11	-194.97	729.77	811.07
39080	87.10	12.18	0.25	-438.66	-675.15	-2838.59	-203.76	796.32	789.81
39081	88.17	11.90	0.25	-484.22	-666.10	-2827.55	-207.33	855.90	770.59
39082	89.22	11.60	0.25	-525.40	-655.92	-2832.93	-205.17	909.75	753.62
39083	79.08	14.95	0.25	-275.48	-869.51	-3358.10	-62.47	168.46	1167.73
39084	80.32	14.88	0.25	-292.98	-862.68	-3352.56	-95.58	285.96	1155.31
39085	81.54	14.76	0.25	-319.07	-852.60	-3338.34	-126.11	399.28	1136.92
39086	82.75	14.59	0.25	-352.05	-839.39	-3317.30	-152.92	506.23	1113.28
39087	83.93	14.38	0.25	-389.96	-823.35	-3292.17	-175.02	605.41	1085.47
39088	85.09	14.12	0.25	-430.64	-804.75	-3266.04	-191.63	696.04	1054.64
39089	86.22	13.82	0.25	-471.75	-783.77	-3242.31	-202.15	777.86	1021.81
39090	87.33	13.48	0.25	-510.81	-760.43	-3224.51	-206.00	850.98	987.79
39091	88.41	13.09	0.25	-545.31	-734.57	-3216.28	-202.62	915.70	952.99
39092	89.46	12.67	0.25	-572.79	-705.87	-3221.03	-191.73	972.17	917.37
39093	79.09	16.65	0.25	-418.69	-986.28	-4006.14	-63.85	185.79	1532.63
39094	80.36	16.57	0.25	-434.65	-977.08	-4004.77	-94.26	312.67	1517.84
39095	81.62	16.43	0.25	-456.39	-960.49	-3995.02	-121.62	435.64	1492.94
39096	82.85	16.22	0.25	-482.42	-937.17	-3978.03	-144.29	552.31	1458.51
39097	84.07	15.96	0.25	-510.75	-907.86	-3955.49	-160.92	660.76	1415.41
39098	85.25	15.63	0.25	-539.06	-873.32	-3929.26	-170.52	759.44	1364.53
39099	86.41	15.24	0.25	-564.77	-834.30	-3901.27	-172.36	847.05	1306.63
39100	87.54	14.80	0.25	-585.09	-791.54	-3873.32	-165.99	922.42	1242.32
39101	88.63	14.30	0.25	-596.81	-745.38	-3846.74	-150.97	984.10	1171.70
39102	89.68	13.74	0.25	-597.60	-695.98	-3822.90	-127.46	1031.29	1094.89
39103	79.10	18.36	0.25	-512.57	-584.26	-4991.32	-42.11	194.58	1608.90
39104	80.39	18.28	0.25	-520.77	-576.32	-4990.60	-41.83	309.14	1590.45
39105	81.67	18.11	0.25	-528.23	-562.53	-4972.95	-39.05	419.65	1556.23

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]
39106	82.93	17.87	0.25	-533.89	-544.06	-4938.89	-32.85	523.22	1507.14
39107	84.17	17.54	0.25	-536.39	-521.89	-4889.15	-22.64	617.26	1444.41
39108	85.39	17.15	0.25	-534.24	-497.12	-4824.58	-8.18	699.53	1369.50
39109	86.57	16.67	0.25	-525.90	-470.85	-4746.01	10.43	768.09	1284.05
39110	87.72	16.13	0.25	-509.97	-444.06	-4654.20	32.72	821.33	1189.82
39111	88.83	15.51	0.25	-485.19	-417.83	-4549.71	57.79	857.89	1088.75
39112	89.89	14.83	0.25	-449.39	-390.72	-4432.78	86.01	875.36	981.63
39113	94.64	9.53	0.25	-267.47	-404.67	-3414.45	87.36	855.92	510.80
39114	94.04	10.56	0.25	-272.47	-387.40	-3623.28	114.77	853.31	565.71
39115	93.39	11.56	0.25	-280.95	-363.95	-3826.86	141.24	840.84	617.42
39116	93.66	9.45	0.25	-531.51	-550.12	-3091.96	-84.87	1060.84	630.26
39117	93.25	10.35	0.25	-528.62	-559.50	-3320.46	-66.43	1072.51	706.18
39118	92.80	11.22	0.25	-519.80	-557.34	-3554.57	-42.84	1070.10	778.32
39119	92.69	9.38	0.25	-573.41	-565.81	-2729.96	-152.57	1015.67	596.43
39120	92.47	10.15	0.25	-578.51	-589.12	-2939.91	-143.81	1042.32	674.25
39121	92.22	10.90	0.25	-578.48	-605.17	-3169.28	-128.85	1062.45	754.60
39122	90.87	14.10	0.25	-406.16	-368.33	-4301.65	112.53	876.43	876.98
39123	90.61	13.17	0.25	-588.21	-651.17	-3789.86	-100.97	1061.10	1018.15
39124	90.34	12.26	0.25	-588.32	-678.81	-3231.79	-175.91	1013.12	884.40
39125	91.78	13.31	0.25	-362.63	-356.62	-4157.02	131.08	869.49	778.43
39126	91.42	12.59	0.25	-567.48	-612.68	-3745.23	-74.33	1072.77	940.93
39127	91.05	11.88	0.25	-590.99	-653.48	-3246.46	-156.79	1041.29	851.78
39128	92.63	12.48	0.25	-314.24	-348.04	-4003.62	147.48	849.88	683.18
39129	92.19	11.97	0.25	-534.19	-572.49	-3697.88	-44.99	1069.15	858.51
39130	91.74	11.48	0.25	-583.69	-626.65	-3273.20	-132.56	1061.57	815.07
39131	90.00	9.48	-1.25	-520.98	-578.94	-2159.02	-229.57	742.93	389.64
39132	91.02	9.43	-1.25	-603.36	-619.71	-2217.81	-250.39	788.61	414.67
39133	92.04	9.39	-1.25	-699.66	-670.08	-2316.60	-273.43	848.04	453.28
39134	90.21	10.44	-1.25	-597.19	-677.63	-2361.06	-262.84	786.46	491.71
39135	91.10	10.31	-1.25	-672.01	-710.06	-2415.14	-281.37	834.22	511.93
39136	91.98	10.16	-1.25	-755.87	-750.02	-2501.20	-300.51	892.27	543.70
39137	90.41	11.41	-1.25	-689.96	-798.48	-2610.26	-301.32	844.21	619.28
39138	91.16	11.18	-1.25	-753.18	-816.88	-2650.37	-315.21	892.02	629.40
39139	91.91	10.93	-1.25	-823.01	-841.89	-2713.17	-330.12	949.08	651.74
39140	79.01	9.88	-1.25	-32.55	-423.83	-2263.53	-36.79	120.64	385.34
39141	80.13	9.86	-1.25	-50.07	-425.80	-2255.70	-57.47	207.29	381.90
39142	81.25	9.84	-1.25	-76.34	-430.55	-2240.13	-77.89	290.63	377.95
39143	82.36	9.82	-1.25	-110.73	-438.08	-2218.59	-97.94	368.93	373.79
39144	83.47	9.78	-1.25	-152.42	-448.39	-2193.48	-117.54	440.88	369.81
39145	84.58	9.74	-1.25	-200.50	-461.50	-2167.72	-136.66	505.70	366.51
39146	85.67	9.70	-1.25	-254.20	-477.57	-2144.59	-155.35	563.24	364.53
39147	86.77	9.65	-1.25	-312.95	-496.83	-2127.71	-173.72	614.00	364.67
39148	87.86	9.59	-1.25	-376.62	-519.74	-2121.09	-192.02	659.28	367.96
39149	88.94	9.53	-1.25	-445.75	-546.91	-2129.31	-210.61	701.34	375.74
39150	79.04	11.64	-1.25	-97.56	-570.16	-2473.03	-45.02	127.28	553.64
39151	80.23	11.60	-1.25	-116.08	-569.86	-2465.07	-71.71	219.07	546.94
39152	81.40	11.54	-1.25	-143.89	-571.61	-2449.11	-97.59	306.98	538.09
39153	82.56	11.46	-1.25	-180.14	-575.44	-2427.07	-122.34	389.23	527.68
39154	83.70	11.36	-1.25	-223.77	-581.43	-2401.44	-145.78	464.59	516.48
39155	84.83	11.25	-1.25	-273.74	-589.71	-2375.17	-167.83	532.45	505.35
39156	85.95	11.11	-1.25	-329.13	-600.52	-2351.50	-188.58	592.91	495.30
39157	87.06	10.96	-1.25	-389.35	-614.21	-2333.92	-208.22	646.76	487.47
39158	88.15	10.79	-1.25	-454.21	-631.30	-2326.28	-227.06	695.54	483.08
39159	89.23	10.61	-1.25	-524.19	-652.43	-2333.00	-245.38	741.81	483.63
39160	79.07	13.40	-1.25	-184.52	-752.90	-2719.81	-53.85	134.34	738.26
39161	80.31	13.34	-1.25	-203.93	-750.17	-2713.18	-87.11	230.38	729.22
39162	81.52	13.25	-1.25	-232.87	-748.35	-2698.70	-119.04	322.53	716.65
39163	82.72	13.12	-1.25	-270.44	-747.64	-2678.25	-149.15	409.09	701.38
39164	83.90	12.96	-1.25	-315.49	-748.22	-2654.17	-177.14	488.92	684.41
39165	85.07	12.77	-1.25	-366.90	-750.37	-2629.27	-202.88	561.58	666.93
39166	86.21	12.54	-1.25	-423.73	-754.44	-2606.63	-226.43	627.34	650.22
39167	87.33	12.29	-1.25	-485.37	-760.90	-2589.57	-248.02	687.15	635.70
39168	88.43	12.01	-1.25	-551.61	-770.38	-2581.85	-268.02	742.62	624.88
39169	89.50	11.69	-1.25	-622.44	-783.51	-2587.86	-286.49	795.95	618.97
39170	79.09	15.17	-1.25	-306.28	-991.78	-3059.89	-64.06	143.89	966.45
39171	80.37	15.09	-1.25	-326.57	-986.57	-3055.71	-104.82	245.03	955.99
39172	81.63	14.97	-1.25	-356.45	-980.81	-3043.74	-143.84	342.81	940.90
39173	82.86	14.80	-1.25	-394.99	-974.73	-3025.70	-180.46	435.69	922.20
39174	84.08	14.58	-1.25	-441.08	-968.67	-3003.67	-214.21	522.68	901.01
39175	85.27	14.31	-1.25	-493.60	-963.03	-2980.24	-244.82	603.47	878.63
39176	86.44	14.00	-1.25	-551.61	-958.23	-2958.33	-272.25	678.41	856.52
39177	87.57	13.64	-1.25	-614.34	-954.73	-2941.35	-296.55	748.54	836.26
39178	88.68	13.24	-1.25	-681.47	-953.06	-2933.18	-317.92	815.56	819.54
39179	89.75	12.80	-1.25	-752.98	-954.41	-2938.43	-336.57	881.50	808.09
39180	79.11	16.93	-1.25	-473.62	-1345.90	-3478.96	-78.28	159.65	1303.58
39181	80.42	16.85	-1.25	-495.38	-1337.82	-3478.50	-129.76	270.47	1292.31
39182	81.71	16.70	-1.25	-526.88	-1326.22	-3472.74	-179.09	378.91	1276.21
39183	82.98	16.49	-1.25	-567.25	-1311.56	-3463.19	-225.12	483.91	1256.13
39184	84.22	16.21	-1.25	-615.40	-1294.23	-3451.71	-267.00	584.77	1232.90
39185	85.44	15.87	-1.25	-670.14	-1274.73	-3440.76	-304.09	681.25	1207.58
39186	86.63	15.47	-1.25	-730.26	-1253.63	-3433.36	-335.89	773.64	1181.35
39187	87.79	15.01	-1.25	-794.59	-1231.56	-3433.17	-362.04	862.74	1155.42
39188	88.91	14.49	-1.25	-861.85	-1209.06	-3445.02	-382.09	950.09	1131.19
39189	89.99	13.91	-1.25	-931.36	-1186.97	-3472.75	-396.03	1037.19	1109.49
39190	79.12	18.70	-1.25	-913.16	-1872.18	-5447.34	-96.75	224.29	2386.80
39191	80.45	18.62	-1.25	-935.72	-1859.46	-5453.30	-151.25	386.10	2370.56
39192	81.76	18.44	-1.25	-965.29	-1838.02	-5450.95	-202.74	545.83	2341.33
39193	83.06	18.19	-1.25	-1000.98	-1808.44	-5440.78	-249.61	701.59	2299.39
39194	84.34	17.85	-1.25	-1041.48	-1771.57	-5423.72	-290.61	851.66	2245.50
39195	85.59	17.44	-1.25	-1085.23	-1728.45	-5401.02	-324.73	994.53	2180.67
39196	86.80	16.95	-1.25	-1130.55	-1680.27	-5374.23	-351.22	1128.98	2106.07
39197	87.98	16.39	-1.25	-1175.67	-1628.27	-5345.10	-369.65	1254.12	2023.01
39198	89.11	15.75	-1.25	-1218.87	-1573.77	-5315.90	-379.93	1369.46	1932.83
39199	90.20	15.04	-1.25	-1257.67	-1516.79	-5290.35	-381.54	1475.56	1837.99
39200	95.05	9.55	-1.25	-1194.55	-1063.58	-4186.01	-306.33	1602.80	999.47
39201	94.44	10.62	-1.25	-1243.38	-1158.54	-4517.97	-321.09	1659.55	1163.87
39202	93.78	11.65	-1.25	-1287.28	-1257.76	-4863.55	-333.43	1701.92	1340.99
39203	94.05	9.47	-1.25	-989.07	-852.39	-2871.71	-333.81	1127.08	663.32
39204	93.63	10.40	-1.25	-1036.49	-944.06	-3131.45	-357.62	1186.66	788.17

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]
39205	93.17	11.30	-1.25	-1082.28	-1042.14	-3427.63	-377.91	1249.80	931.61
39206	93.05	9.40	-1.25	-826.14	-744.46	-2504.35	-303.10	947.52	526.25
39207	92.82	10.19	-1.25	-874.99	-823.48	-2700.47	-328.25	996.07	623.36
39208	92.57	10.96	-1.25	-924.85	-910.61	-2924.57	-352.16	1048.34	736.33
39209	91.21	14.28	-1.25	-1284.58	-1457.35	-5240.81	-375.41	1566.35	1735.53
39210	90.94	13.32	-1.25	-992.69	-1163.95	-3496.40	-402.50	1112.49	1084.69
39211	90.65	12.37	-1.25	-817.70	-956.85	-2952.17	-350.03	939.31	801.37
39212	92.14	13.47	-1.25	-1300.04	-1396.93	-5164.72	-364.24	1634.19	1620.39
39213	91.76	12.72	-1.25	-1040.23	-1136.66	-3517.97	-400.89	1177.92	1053.72
39214	91.38	11.98	-1.25	-871.35	-956.27	-2974.38	-358.17	991.74	796.11
39215	93.01	12.60	-1.25	-1308.42	-1337.40	-5083.93	-347.90	1689.29	1503.08
39216	92.55	12.08	-1.25	-1082.61	-1109.80	-3559.80	-392.99	1245.47	1025.83
39217	92.09	11.56	-1.25	-925.17	-955.51	-3016.67	-361.88	1048.24	793.22
39218	79.03	-3.10	1.75	34.16	-97.02	-882.68	-10.55	94.87	-390.38
39219	80.19	-3.10	1.75	20.19	-97.42	-866.22	1.16	151.90	-380.05
39220	81.36	-3.10	1.75	2.27	-97.50	-844.82	11.20	206.19	-362.60
39221	82.52	-3.10	1.75	-19.34	-97.44	-819.30	18.93	257.04	-338.61
39222	83.68	-3.10	1.75	-44.33	-97.48	-790.66	23.83	303.74	-308.87
39223	84.84	-3.10	1.75	-72.26	-97.90	-760.22	25.50	345.55	-274.41
39224	86.01	-3.10	1.75	-102.48	-99.04	-729.74	23.77	381.78	-236.38
39225	87.17	-3.10	1.75	-134.02	-101.21	-701.57	18.64	411.90	-196.00
39226	88.33	-3.10	1.75	-165.60	-104.73	-678.71	10.39	435.71	-154.48
39227	89.50	-3.10	1.75	-195.52	-109.87	-664.86	-0.52	453.38	-112.96
39228	90.66	-3.10	1.75	-221.55	-116.84	-664.61	-13.35	465.43	-72.37
39229	91.82	-3.10	1.75	-240.43	-125.77	-683.73	-27.17	472.48	-33.44
39230	92.98	-3.10	1.75	-246.99	-136.55	-729.40	-40.77	474.30	3.36
39231	94.15	-3.10	1.75	-232.50	-148.67	-810.91	-52.54	467.08	37.73
39232	95.31	-3.10	1.75	-181.88	-158.42	-924.31	-60.00	430.71	69.76
39233	96.47	-3.10	1.75	-124.12	-166.38	-1047.85	-57.54	352.19	96.01
39234	79.03	-2.50	1.75	38.92	-97.61	-987.48	-11.03	100.39	-385.16
39235	80.20	-2.50	1.75	24.42	-98.25	-969.99	0.68	162.18	-374.76
39236	81.37	-2.50	1.75	5.50	-98.78	-946.47	10.70	220.95	-357.05
39237	82.54	-2.50	1.75	-17.52	-99.36	-917.90	18.34	275.86	-332.64
39238	83.71	-2.50	1.75	-44.28	-100.23	-885.46	23.06	326.06	-302.37
39239	84.88	-2.50	1.75	-74.21	-101.66	-850.72	24.47	370.70	-267.32
39240	86.04	-2.50	1.75	-106.53	-103.93	-815.75	22.38	409.02	-228.72
39241	87.21	-2.50	1.75	-140.15	-107.34	-783.21	16.86	440.52	-187.84
39242	88.38	-2.50	1.75	-173.64	-112.15	-756.43	8.20	465.05	-145.96
39243	89.55	-2.50	1.75	-205.19	-118.59	-739.45	-3.05	482.90	-104.21
39244	90.72	-2.50	1.75	-232.44	-126.82	-737.21	-16.10	494.75	-63.56
39245	91.89	-2.50	1.75	-252.02	-136.91	-755.80	-29.90	501.43	-24.72
39246	93.05	-2.50	1.75	-258.52	-148.65	-802.79	-43.12	502.81	11.80
39247	94.22	-2.50	1.75	-242.82	-161.40	-888.01	-53.94	495.03	45.62
39248	95.39	-2.50	1.75	-188.95	-171.05	-1007.20	-59.66	456.71	76.35
39249	96.56	-2.50	1.75	-127.80	-177.91	-1136.50	-55.16	373.46	100.38
39250	79.04	-3.10	0.25	50.71	-70.02	-802.64	-7.87	79.18	-381.68
39251	80.23	-3.10	0.25	36.23	-70.89	-788.71	0.20	131.47	-373.21
39252	81.42	-3.10	0.25	17.32	-72.01	-770.34	6.78	181.20	-358.63
39253	82.60	-3.10	0.25	-5.77	-73.55	-748.42	11.36	227.61	-338.41
39254	83.79	-3.10	0.25	-32.72	-75.69	-724.07	13.54	270.01	-313.23
39255	84.98	-3.10	0.25	-63.11	-78.69	-698.75	13.02	307.80	-283.90
39256	86.16	-3.10	0.25	-96.42	-82.81	-674.27	9.66	340.55	-251.35
39257	87.35	-3.10	0.25	-131.99	-88.37	-652.91	3.50	368.06	-216.52
39258	88.53	-3.10	0.25	-169.06	-95.68	-637.44	-5.25	390.56	-180.33
39259	89.72	-3.10	0.25	-206.77	-105.11	-631.31	-16.22	408.82	-143.57
39260	90.91	-3.10	0.25	-244.09	-117.05	-638.85	-28.84	424.35	-106.82
39261	92.09	-3.10	0.25	-279.55	-132.04	-665.91	-42.39	439.64	-70.39
39262	93.28	-3.10	0.25	-310.36	-150.80	-721.54	-55.94	458.48	-34.15
39263	94.47	-3.10	0.25	-329.01	-174.12	-820.87	-68.19	485.08	2.70
39264	95.65	-3.10	0.25	-313.53	-204.98	-1009.87	-77.06	520.67	41.71
39265	96.84	-3.10	0.25	-148.95	-217.83	-1243.24	-75.06	440.29	87.24
39266	79.05	-2.50	0.25	54.29	-72.58	-892.04	-8.17	84.05	-375.97
39267	80.24	-2.50	0.25	39.33	-73.68	-877.36	-0.33	140.29	-367.46
39268	81.43	-2.50	0.25	19.51	-75.24	-857.39	6.01	193.76	-352.73
39269	82.62	-2.50	0.25	-4.85	-77.39	-833.18	10.33	243.57	-332.26
39270	83.81	-2.50	0.25	-33.36	-80.33	-806.00	12.18	288.93	-306.77
39271	85.01	-2.50	0.25	-65.53	-84.27	-777.50	11.28	329.16	-277.11
39272	86.20	-2.50	0.25	-100.74	-89.47	-749.73	7.50	363.77	-244.23
39273	87.39	-2.50	0.25	-138.24	-96.20	-725.23	0.89	392.61	-209.13
39274	88.58	-2.50	0.25	-177.19	-104.76	-707.02	-8.31	415.95	-172.75
39275	89.77	-2.50	0.25	-216.67	-115.48	-698.82	-19.68	434.68	-135.86
39276	90.97	-2.50	0.25	-255.60	-128.73	-705.21	-32.63	450.49	-99.04
39277	92.16	-2.50	0.25	-292.50	-145.02	-732.32	-46.37	466.10	-62.53
39278	93.35	-2.50	0.25	-324.51	-165.06	-789.69	-59.86	485.61	-26.13
39279	94.54	-2.50	0.25	-343.86	-189.60	-893.15	-71.61	513.58	11.04
39280	95.73	-2.50	0.25	-327.57	-221.64	-1091.68	-79.01	551.63	50.51
39281	96.93	-2.50	0.25	-153.55	-233.27	-1337.68	-72.24	466.42	93.84
39282	79.06	-3.10	-1.25	75.80	-39.46	-729.95	-2.56	63.98	-380.35
39283	80.27	-3.10	-1.25	61.14	-40.58	-718.32	2.62	110.66	-373.56
39284	81.48	-3.10	-1.25	41.85	-42.39	-702.97	6.51	154.94	-361.51
39285	82.69	-3.10	-1.25	18.16	-45.00	-684.79	8.71	196.06	-344.58
39286	83.90	-3.10	-1.25	-9.66	-48.58	-664.93	8.90	233.35	-323.32
39287	85.11	-3.10	-1.25	-41.25	-53.34	-644.82	6.84	266.29	-298.39
39288	86.32	-3.10	-1.25	-76.23	-59.51	-626.20	2.45	294.51	-270.52
39289	87.53	-3.10	-1.25	-114.23	-67.37	-611.18	-4.26	317.93	-240.46
39290	88.74	-3.10	-1.25	-154.97	-77.24	-602.23	-13.14	336.83	-208.90
39291	89.95	-3.10	-1.25	-198.43	-89.53	-602.30	-23.94	352.01	-176.42
39292	91.16	-3.10	-1.25	-245.02	-104.81	-614.96	-36.29	365.02	-143.35
39293	92.37	-3.10	-1.25	-296.00	-123.96	-645.03	-49.80	378.59	-109.71
39294	93.58	-3.10	-1.25	-354.06	-148.47	-699.71	-64.00	397.72	-74.92
39295	94.79	-3.10	-1.25	-424.69	-181.64	-795.02	-78.51	433.27	-37.37
39296	96.00	-3.10	-1.25	-517.65	-228.91	-956.11	-92.88	510.93	7.62
39297	97.21	-3.10	-1.25	-631.24	-342.97	-1563.56	-116.89	772.42	81.16
39298	79.06	-2.50	-1.25	78.80	-42.64	-806.37	-2.67	68.19	-375.06
39299	80.27	-2.50	-1.25	63.69	-43.98	-794.20	2.13	118.15	-368.25
39300	81.49	-2.50	-1.25	43.60	-46.19	-777.70	5.64	165.55	-356.12
39301	82.70	-2.50	-1.25	18.78	-49.37	-757.84	7.45	209.53	-339.06
39302	83.92	-2.50	-1.25	-10.41	-53.68	-735.92	7.22	249.32	-317.64
39303	85.14	-2.50	-1.25	-43.57	-59.32	-713.51	4.72	284.33	-292.54

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]
39304	86.35	-2.50	-1.25	-80.26	-66.48	-692.57	-0.14	314.18	-264.52
39305	87.57	-2.50	-1.25	-120.04	-75.44	-675.36	-7.33	338.80	-234.35
39306	88.78	-2.50	-1.25	-162.59	-86.51	-664.57	-16.69	358.50	-202.73
39307	90.00	-2.50	-1.25	-207.87	-100.07	-663.31	-27.95	374.19	-170.23
39308	91.21	-2.50	-1.25	-256.34	-116.71	-675.37	-40.75	387.53	-137.16
39309	92.43	-2.50	-1.25	-309.34	-137.32	-705.75	-54.68	401.49	-103.46
39310	93.65	-2.50	-1.25	-369.77	-163.46	-761.95	-69.31	421.32	-68.46
39311	94.86	-2.50	-1.25	-443.50	-198.63	-860.78	-84.29	458.51	-30.28
39312	96.08	-2.50	-1.25	-541.02	-248.53	-1028.10	-99.23	540.02	16.24
39313	97.29	-2.50	-1.25	-659.76	-369.74	-1669.06	-122.44	815.94	95.68
39314	60.43	-3.10	1.75	197.47	102.70	-787.91	-192.65	-655.66	436.53
39315	61.59	-3.10	1.75	14.86	-27.62	-863.17	-222.28	-460.42	185.72
39316	62.75	-3.10	1.75	-71.70	-32.34	-821.26	-208.59	-415.89	37.29
39317	63.92	-3.10	1.75	-106.11	-41.79	-767.48	-168.28	-401.52	-37.54
39318	65.08	-3.10	1.75	-108.78	-50.63	-735.48	-137.01	-398.41	-87.52
39319	66.24	-3.10	1.75	-94.75	-60.15	-727.47	-116.24	-393.67	-128.19
39320	67.40	-3.10	1.75	-73.21	-68.34	-737.23	-103.89	-382.51	-165.85
39321	68.57	-3.10	1.75	-48.88	-74.61	-758.67	-96.36	-362.97	-202.63
39322	69.73	-3.10	1.75	-24.37	-79.28	-786.46	-90.76	-334.43	-238.76
39323	70.89	-3.10	1.75	-1.53	-82.91	-816.13	-85.17	-297.13	-273.58
39324	72.06	-3.10	1.75	18.17	-85.95	-844.07	-78.49	-251.97	-306.01
39325	73.22	-3.10	1.75	33.61	-88.64	-867.56	-70.19	-200.40	-334.84
39326	74.38	-3.10	1.75	44.05	-91.05	-884.82	-60.18	-144.13	-358.91
39327	75.54	-3.10	1.75	49.18	-93.16	-894.93	-48.69	-84.95	-377.17
39328	76.71	-3.10	1.75	49.04	-94.89	-897.69	-36.17	-24.53	-388.82
39329	77.87	-3.10	1.75	43.90	-96.19	-893.41	-23.23	35.77	-393.31
39330	60.34	-2.50	1.75	-160.04	-21.61	-871.05	-242.00	-574.84	316.84
39331	61.51	-2.50	1.75	-75.83	3.43	-893.82	-239.15	-479.99	191.25
39332	62.68	-2.50	1.75	-103.49	-55.50	-869.21	-219.17	-426.03	48.61
39333	63.85	-2.50	1.75	-127.92	-64.13	-818.01	-176.21	-413.05	-27.26
39334	65.01	-2.50	1.75	-126.95	-71.23	-789.79	-142.02	-412.29	-77.97
39335	66.18	-2.50	1.75	-111.09	-76.84	-786.14	-118.80	-410.04	-119.03
39336	67.35	-2.50	1.75	-87.41	-81.37	-800.98	-104.59	-400.96	-156.81
39337	68.52	-2.50	1.75	-60.48	-84.64	-828.07	-95.96	-382.77	-193.66
39338	69.69	-2.50	1.75	-33.13	-86.91	-861.85	-89.93	-354.68	-229.95
39339	70.86	-2.50	1.75	-7.41	-88.60	-897.59	-84.35	-316.84	-265.09
39340	72.02	-2.50	1.75	15.04	-90.07	-931.37	-77.92	-270.15	-297.99
39341	73.19	-2.50	1.75	32.96	-91.51	-960.20	-69.95	-216.11	-327.41
39342	74.36	-2.50	1.75	45.49	-92.95	-982.04	-60.24	-156.55	-352.10
39343	75.53	-2.50	1.75	52.25	-94.37	-995.76	-48.98	-93.43	-370.96
39344	76.70	-2.50	1.75	53.21	-95.66	-1001.03	-36.59	-28.56	-383.11
39345	77.87	-2.50	1.75	48.64	-96.76	-998.08	-23.71	36.47	-387.94
39346	60.06	-3.10	0.25	141.46	102.74	-694.54	60.69	-788.37	215.44
39347	61.25	-3.10	0.25	-14.85	-53.48	-793.50	-74.28	-572.30	127.12
39348	62.43	-3.10	0.25	-69.36	-34.29	-759.85	-132.58	-484.94	29.40
39349	63.62	-3.10	0.25	-79.61	-35.97	-729.29	-123.85	-432.08	-45.59
39350	64.81	-3.10	0.25	-73.95	-43.46	-706.03	-105.47	-400.78	-99.99
39351	65.99	-3.10	0.25	-59.57	-52.04	-695.70	-89.97	-379.25	-142.98
39352	67.18	-3.10	0.25	-40.91	-58.79	-698.04	-79.55	-359.21	-180.37
39353	68.37	-3.10	0.25	-20.45	-63.08	-710.06	-72.70	-336.14	-214.97
39354	69.55	-3.10	0.25	0.23	-65.42	-728.28	-67.58	-307.80	-247.76
39355	70.74	-3.10	0.25	19.78	-66.55	-749.33	-62.79	-273.35	-278.67
39356	71.92	-3.10	0.25	37.01	-67.09	-770.25	-57.47	-232.87	-307.12
39357	73.11	-3.10	0.25	50.87	-67.42	-788.66	-51.15	-187.06	-332.28
39358	74.30	-3.10	0.25	60.53	-67.76	-802.81	-43.71	-137.04	-353.26
39359	75.48	-3.10	0.25	65.49	-68.17	-811.59	-35.27	-84.12	-369.25
39360	76.67	-3.10	0.25	65.50	-68.69	-814.48	-26.16	-29.64	-379.60
39361	77.86	-3.10	0.25	60.53	-69.30	-811.40	-16.84	25.16	-383.82
39362	59.97	-2.50	0.25	-204.67	-40.92	-899.44	87.37	-595.96	62.18
39363	61.17	-2.50	0.25	-114.15	-17.95	-829.74	-49.77	-548.08	121.47
39364	62.36	-2.50	0.25	-97.13	-52.83	-804.90	-128.63	-486.18	40.60
39365	63.55	-2.50	0.25	-96.06	-57.79	-777.74	-126.40	-437.73	-34.31
39366	64.74	-2.50	0.25	-87.58	-63.87	-757.30	-108.16	-409.41	-90.08
39367	65.93	-2.50	0.25	-72.24	-69.07	-750.13	-91.08	-390.43	-134.25
39368	67.13	-2.50	0.25	-52.22	-72.54	-756.11	-79.05	-372.53	-172.25
39369	68.32	-2.50	0.25	-29.85	-74.17	-772.27	-71.16	-350.95	-207.13
39370	69.51	-2.50	0.25	-6.98	-74.38	-794.95	-65.59	-323.29	-240.07
39371	70.70	-2.50	0.25	14.85	-73.79	-820.56	-60.82	-288.65	-271.15
39372	71.89	-2.50	0.25	34.27	-72.91	-845.92	-55.76	-247.11	-299.83
39373	73.09	-2.50	0.25	50.12	-72.10	-868.43	-49.83	-199.44	-325.28
39374	74.28	-2.50	0.25	61.48	-71.55	-886.13	-42.79	-146.83	-346.60
39375	75.47	-2.50	0.25	67.77	-71.32	-897.75	-34.73	-90.74	-362.94
39376	76.66	-2.50	0.25	68.67	-71.42	-902.64	-25.95	-32.65	-373.58
39377	77.85	-2.50	0.25	64.14	-71.84	-900.65	-16.91	26.03	-378.01
39378	59.69	-3.10	-1.25	-83.51	-48.59	-712.44	-6.50	-779.83	48.04
39379	60.90	-3.10	-1.25	-114.39	-79.83	-712.28	-47.95	-556.37	18.58
39380	62.11	-3.10	-1.25	-104.93	-39.21	-686.09	-78.30	-466.45	-20.05
39381	63.32	-3.10	-1.25	-76.21	-29.92	-670.92	-79.82	-418.85	-73.28
39382	64.53	-3.10	-1.25	-49.01	-32.85	-660.69	-70.93	-385.87	-121.14
39383	65.74	-3.10	-1.25	-25.47	-38.69	-655.73	-61.56	-359.60	-161.67
39384	66.95	-3.10	-1.25	-4.44	-43.10	-657.10	-54.39	-335.54	-197.15
39385	68.16	-3.10	-1.25	15.16	-45.21	-664.48	-49.23	-310.50	-229.47
39386	69.37	-3.10	-1.25	33.67	-45.43	-676.42	-45.17	-282.43	-259.52
39387	70.58	-3.10	-1.25	50.79	-44.51	-690.94	-41.40	-250.24	-287.43
39388	71.79	-3.10	-1.25	65.84	-43.07	-705.98	-37.35	-213.59	-312.85
39389	73.00	-3.10	-1.25	78.02	-41.58	-719.68	-32.70	-172.75	-335.21
39390	74.21	-3.10	-1.25	86.59	-40.30	-730.52	-27.34	-128.40	-353.85
39391	75.42	-3.10	-1.25	90.95	-39.38	-737.43	-21.36	-81.50	-368.14
39392	76.63	-3.10	-1.25	90.71	-38.91	-739.74	-14.99	-33.09	-377.54
39393	77.84	-3.10	-1.25	85.68	-38.92	-737.22	-8.58	15.74	-381.67
39394	59.61	-2.50	-1.25	-207.58	-93.06	-856.73	72.11	-665.29	-59.65
39395	60.82	-2.50	-1.25	-160.31	-75.47	-765.18	-0.95	-524.96	0.88
39396	62.04	-2.50	-1.25	-119.99	-57.56	-730.77	-64.42	-462.90	-16.59
39397	63.25	-2.50	-1.25	-85.15	-50.52	-717.18	-76.85	-421.87	-64.81
39398	64.47	-2.50	-1.25	-57.33	-51.58	-709.21	-70.60	-391.61	-112.89
39399	65.69	-2.50	-1.25	-33.87	-54.32	-706.48	-60.71	-367.53	-154.42
39400	66.90	-2.50	-1.25	-12.29	-55.94	-710.38	-52.49	-345.37	-190.59
39401	68.12	-2.50	-1.25	8.48	-55.79	-720.66	-46.58	-321.74	-223.23
39402	69.33	-2.50	-1.25	28.53	-54.20	-735.78	-42.22	-294.42	-253.40

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]
39403	70.55	-2.50	-1.25	47.32	-51.79	-753.62	-38.53	-262.23	-281.35
39404	71.76	-2.50	-1.25	64.03	-49.13	-771.94	-34.80	-224.84	-306.83
39405	72.98	-2.50	-1.25	77.74	-46.63	-788.70	-30.59	-182.57	-329.29
39406	74.20	-2.50	-1.25	87.63	-44.57	-802.23	-25.71	-136.19	-348.08
39407	75.41	-2.50	-1.25	93.02	-43.08	-811.30	-20.21	-86.72	-362.53
39408	76.63	-2.50	-1.25	93.47	-42.23	-815.15	-14.29	-35.37	-372.08
39409	77.84	-2.50	-1.25	88.75	-42.07	-813.49	-8.30	16.65	-376.33
39410	78.99	-7.25	1.75	-0.24	-70.74	-205.19	-11.64	55.29	-321.60
39411	80.08	-7.25	1.75	-10.12	-70.09	-195.27	-2.96	82.92	-313.36
39412	81.17	-7.25	1.75	-21.25	-68.37	-185.99	4.44	109.29	-300.32
39413	82.26	-7.25	1.75	-33.65	-65.75	-177.51	10.26	134.50	-282.78
39414	83.34	-7.25	1.75	-47.38	-62.50	-169.90	14.21	158.55	-261.15
39415	84.43	-7.26	1.75	-62.50	-58.91	-163.29	16.08	181.28	-235.91
39416	85.52	-7.26	1.75	-78.95	-55.37	-157.98	15.71	202.44	-207.63
39417	86.60	-7.26	1.75	-96.51	-52.25	-154.58	13.02	221.64	-176.92
39418	87.69	-7.26	1.75	-114.68	-49.99	-154.18	8.02	238.52	-144.42
39419	88.78	-7.26	1.75	-132.59	-49.03	-158.39	0.81	252.74	-110.79
39420	89.87	-7.26	1.75	-148.88	-49.77	-169.57	-8.42	264.04	-76.67
39421	90.95	-7.26	1.75	-161.42	-52.57	-190.96	-19.38	272.04	-42.61
39422	92.04	-7.26	1.75	-166.82	-57.61	-226.77	-31.71	275.76	-8.96
39423	93.13	-7.26	1.75	-159.73	-64.97	-282.01	-44.76	272.09	24.30
39424	94.22	-7.27	1.75	-132.04	-73.49	-354.52	-57.31	249.98	58.33
39425	95.30	-7.27	1.75	-98.93	-85.56	-437.19	-63.51	204.80	90.82
39426	97.01	-6.15	1.75	8.74	-82.39	-375.12	-10.70	65.82	-355.43
39427	80.12	-6.15	1.75	-2.31	-81.89	-363.39	-0.83	100.44	-346.37
39428	81.23	-6.16	1.75	-15.18	-80.39	-351.21	7.63	133.45	-331.81
39429	82.35	-6.16	1.75	-29.84	-78.09	-338.85	14.29	164.80	-312.12
39430	83.46	-6.16	1.75	-46.30	-75.24	-326.57	18.78	194.37	-287.82
39431	84.57	-6.16	1.75	-64.51	-72.18	-314.71	20.85	221.87	-259.53
39432	85.68	-6.17	1.75	-84.33	-69.27	-303.86	20.29	246.95	-227.97
39433	86.80	-6.17	1.75	-105.36	-66.90	-294.99	17.06	269.17	-193.94
39434	87.91	-6.17	1.75	-126.94	-65.52	-289.59	11.19	288.17	-158.26
39435	89.02	-6.17	1.75	-148.00	-65.53	-289.77	2.89	303.69	-121.72
39436	90.14	-6.18	1.75	-166.94	-67.31	-298.43	-7.55	315.58	-85.08
39437	91.25	-6.18	1.75	-181.32	-71.17	-319.46	-19.67	323.66	-48.93
39438	92.36	-6.18	1.75	-187.26	-77.30	-357.86	-32.90	327.09	-13.65
39439	93.48	-6.18	1.75	-178.45	-85.69	-419.76	-46.43	322.50	20.74
39440	94.59	-6.18	1.75	-144.98	-94.57	-502.50	-58.82	296.48	55.49
39441	95.70	-6.19	1.75	-105.54	-106.30	-595.46	-63.55	242.49	88.08
39442	79.02	-5.05	1.75	17.98	-90.31	-552.58	-10.19	76.39	-378.80
39443	80.15	-5.05	1.75	5.82	-90.06	-539.10	0.64	118.66	-369.12
39444	81.29	-5.06	1.75	-8.86	-88.99	-523.77	9.95	158.93	-353.27
39445	82.42	-5.06	1.75	-25.93	-87.28	-507.03	17.24	196.97	-331.70
39446	83.56	-5.06	1.75	-45.33	-85.20	-489.37	22.10	232.47	-305.03
39447	84.69	-5.06	1.75	-66.90	-83.07	-471.42	24.20	265.00	-274.03
39448	85.83	-5.06	1.75	-90.33	-81.25	-454.14	23.34	294.09	-239.60
39449	86.96	-5.07	1.75	-115.05	-80.14	-438.92	19.48	319.27	-202.70
39450	88.09	-5.07	1.75	-140.20	-80.13	-427.74	12.73	340.19	-164.30
39451	89.23	-5.07	1.75	-164.48	-81.61	-423.26	3.38	356.70	-125.36
39452	90.36	-5.07	1.75	-186.06	-84.92	-428.96	-8.12	368.87	-86.69
39453	91.50	-5.08	1.75	-202.20	-90.32	-449.42	-21.14	376.77	-48.98
39454	92.63	-5.08	1.75	-208.51	-97.94	-490.42	-34.91	379.74	-12.64
39455	93.77	-5.08	1.75	-197.78	-107.60	-559.28	-48.37	374.22	22.26
39456	94.90	-5.08	1.75	-158.22	-116.92	-652.88	-59.79	344.39	56.78
39457	96.04	-5.08	1.75	-111.99	-127.77	-756.80	-62.59	281.38	88.31
39458	79.03	-3.95	1.75	27.22	-94.99	-736.84	-10.18	86.88	-390.23
39459	80.18	-3.95	1.75	14.01	-95.08	-721.71	1.29	137.35	-380.11
39460	81.33	-3.95	1.75	-2.50	-94.61	-703.06	11.14	185.41	-363.25
39461	82.48	-3.95	1.75	-22.10	-93.75	-681.54	18.81	230.59	-340.15
39462	83.63	-3.95	1.75	-44.62	-92.77	-657.89	23.79	272.35	-311.55
39463	84.79	-3.96	1.75	-69.74	-91.96	-633.13	25.73	310.10	-278.36
39464	85.94	-3.96	1.75	-96.97	-91.68	-608.65	24.44	343.24	-241.63
39465	87.09	-3.96	1.75	-125.54	-92.28	-586.35	19.88	371.27	-202.47
39466	88.24	-3.96	1.75	-154.32	-94.12	-568.76	12.26	393.91	-162.01
39467	89.39	-3.96	1.75	-181.82	-97.54	-559.13	1.98	411.17	-121.31
39468	90.55	-3.96	1.75	-205.97	-102.80	-561.58	-10.37	423.36	-81.28
39469	91.70	-3.96	1.75	-223.73	-110.11	-581.33	-23.99	430.85	-42.63
39470	92.85	-3.96	1.75	-230.24	-119.46	-625.00	-37.85	433.20	-5.81
39471	94.00	-3.96	1.75	-217.42	-130.52	-701.03	-50.60	426.74	29.00
39472	95.15	-3.96	1.75	-171.60	-140.13	-805.85	-60.14	393.18	62.40
39473	96.31	-3.96	1.75	-118.82	-149.78	-920.97	-60.37	321.37	91.64
39474	79.01	-7.25	0.25	21.20	-38.95	-215.26	-10.15	44.47	-328.64
39475	80.12	-7.25	0.25	10.76	-38.71	-206.31	-3.23	71.59	-321.82
39476	81.23	-7.25	0.25	-1.69	-37.88	-197.45	2.49	97.38	-310.57
39477	82.34	-7.25	0.25	-16.13	-36.61	-188.94	6.73	121.76	-295.16
39478	83.46	-7.25	0.25	-32.55	-35.14	-181.06	9.27	144.65	-275.94
39479	84.57	-7.26	0.25	-50.94	-33.74	-174.21	9.90	165.90	-253.35
39480	85.68	-7.26	0.25	-71.26	-32.73	-168.96	8.52	185.34	-227.86
39481	86.79	-7.26	0.25	-93.33	-32.46	-166.17	5.05	202.82	-200.00
39482	87.91	-7.26	0.25	-116.87	-33.31	-167.07	-0.45	218.31	-170.29
39483	89.02	-7.26	0.25	-141.43	-35.73	-173.44	-7.88	232.03	-139.24
39484	90.13	-7.26	0.25	-166.31	-40.20	-187.73	-17.03	244.54	-107.32
39485	91.24	-7.26	0.25	-190.36	-47.27	-213.56	-27.63	256.91	-74.89
39486	92.36	-7.26	0.25	-211.37	-57.62	-256.64	-39.36	270.84	-42.08
39487	93.47	-7.26	0.25	-223.97	-72.19	-326.58	-51.91	288.05	-8.50
39488	94.58	-7.26	0.25	-213.69	-93.28	-447.68	-65.51	306.98	27.18
39489	95.70	-7.27	0.25	-114.99	-110.65	-591.04	-80.55	259.22	76.43
39490	79.02	-6.15	0.25	29.41	-50.48	-364.35	-8.91	53.67	-356.75
39491	80.16	-6.15	0.25	17.79	-50.43	-353.98	-1.31	86.91	-349.27
39492	81.29	-6.16	0.25	3.62	-49.91	-342.75	4.99	118.51	-336.82
39493	82.43	-6.16	0.25	-13.02	-49.10	-331.06	9.64	148.27	-319.75
39494	83.57	-6.16	0.25	-32.09	-48.23	-319.37	12.36	175.99	-298.48
39495	84.71	-6.16	0.25	-53.50	-47.58	-308.28	12.92	201.41	-273.56
39496	85.85	-6.16	0.25	-77.10	-47.47	-298.62	11.19	224.31	-245.60
39497	86.98	-6.17	0.25	-102.64	-48.26	-291.55	7.13	244.52	-215.26
39498	88.12	-6.17	0.25	-129.71	-50.35	-288.67	0.80	262.05	-183.18
39499	89.26	-6.17	0.25	-157.77	-54.17	-292.14	-7.60	277.20	-149.98
39500	90.40	-6.17	0.25	-186.03	-60.19	-304.90	-17.80	290.74	-116.21
39501	91.54	-6.18	0.25	-213.23	-68.97	-331.17	-29.40	304.05	-82.25



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]
39502	92.67	-6.18	0.25	-236.98	-81.22	-377.57	-41.91	319.35	-48.19
39503	93.81	-6.18	0.25	-251.30	-97.89	-455.21	-54.89	338.96	-13.56
39504	94.95	-6.18	0.25	-239.71	-121.42	-594.00	-68.29	361.93	23.12
39505	96.09	-6.19	0.25	-123.95	-137.93	-760.47	-81.33	305.36	73.56
39506	79.03	-5.05	0.25	37.50	-59.25	-518.67	-8.08	62.94	-375.31
39507	80.19	-5.05	0.25	24.77	-59.47	-506.95	-0.04	102.75	-367.32
39508	81.35	-5.06	0.25	8.88	-59.43	-493.23	6.61	140.61	-353.89
39509	82.51	-5.06	0.25	-10.05	-59.29	-478.06	11.47	176.15	-335.39
39510	83.67	-5.06	0.25	-31.90	-59.29	-462.11	14.19	208.99	-312.36
39511	84.82	-5.06	0.25	-56.48	-59.70	-446.25	14.52	238.79	-285.44
39512	85.98	-5.06	0.25	-83.52	-60.85	-431.62	12.32	265.23	-255.36
39513	87.14	-5.07	0.25	-112.64	-63.07	-419.74	7.56	288.13	-222.92
39514	88.30	-5.07	0.25	-143.33	-66.77	-412.60	0.37	307.56	-188.87
39515	89.46	-5.07	0.25	-174.92	-72.34	-412.81	-9.01	323.96	-153.92
39516	90.62	-5.07	0.25	-206.52	-80.26	-423.80	-20.19	338.33	-118.66
39517	91.78	-5.07	0.25	-236.81	-91.08	-450.39	-32.65	352.44	-83.46
39518	92.94	-5.08	0.25	-263.22	-105.53	-500.08	-45.75	369.03	-48.38
39519	94.10	-5.08	0.25	-279.20	-124.53	-585.49	-58.80	391.11	-12.85
39520	95.26	-5.08	0.25	-266.30	-150.73	-742.32	-71.24	418.51	24.64
39521	96.41	-5.08	0.25	-132.75	-166.38	-932.87	-80.66	353.22	74.68
39522	79.04	-3.95	0.25	45.19	-65.83	-677.59	-7.76	72.16	-383.20
39523	80.21	-3.95	0.25	31.44	-66.40	-664.64	0.42	118.93	-374.88
39524	81.39	-3.95	0.25	13.84	-66.97	-648.35	7.16	163.41	-360.70
39525	82.57	-3.95	0.25	-7.44	-67.72	-629.47	11.97	205.02	-341.09
39526	83.74	-3.95	0.25	-32.16	-68.85	-608.92	14.48	243.23	-316.67
39527	84.92	-3.95	0.25	-60.01	-70.63	-587.86	14.40	277.53	-288.19
39528	86.09	-3.96	0.25	-90.58	-73.36	-567.81	11.59	307.55	-256.49
39529	87.27	-3.96	0.25	-123.35	-77.37	-550.71	6.07	333.09	-222.46
39530	88.45	-3.96	0.25	-157.67	-83.00	-538.97	-2.01	354.31	-186.97
39531	89.62	-3.96	0.25	-192.75	-90.66	-535.68	-12.32	371.81	-150.77
39532	90.80	-3.96	0.25	-227.63	-100.77	-544.77	-24.36	386.88	-114.48
39533	91.97	-3.96	0.25	-260.90	-113.88	-571.64	-37.52	401.68	-78.42
39534	93.15	-3.96	0.25	-289.86	-130.72	-624.70	-50.98	419.55	-42.59
39535	94.33	-3.96	0.25	-307.39	-152.16	-717.99	-63.72	444.18	-6.28
39536	95.50	-3.96	0.25	-293.06	-180.94	-893.05	-74.43	476.18	31.99
39537	96.68	-3.96	0.25	-141.98	-195.65	-1107.98	-78.36	402.39	80.17
39538	79.02	-7.25	-1.25	47.87	-10.89	-220.66	-6.07	34.18	-336.36
39539	80.16	-7.25	-1.25	37.12	-10.92	-212.78	-0.62	59.44	-330.91
39540	81.29	-7.25	-1.25	23.90	-10.73	-204.76	3.71	83.31	-321.39
39541	82.43	-7.25	-1.25	8.21	-10.47	-196.92	6.70	105.62	-308.05
39542	83.57	-7.25	-1.25	-9.92	-10.34	-189.68	8.15	126.21	-291.20
39543	84.71	-7.26	-1.25	-30.45	-10.56	-183.57	7.89	144.93	-271.22
39544	85.85	-7.26	-1.25	-53.35	-11.40	-179.33	5.83	161.65	-248.52
39545	86.98	-7.26	-1.25	-78.58	-13.15	-177.91	1.93	176.30	-223.54
39546	88.12	-7.26	-1.25	-106.11	-16.14	-180.58	-3.78	188.96	-196.70
39547	89.26	-7.26	-1.25	-135.99	-20.77	-188.99	-11.18	199.99	-168.38
39548	90.40	-7.26	-1.25	-168.50	-27.53	-205.38	-20.09	210.16	-138.90
39549	91.54	-7.26	-1.25	-204.32	-37.05	-232.90	-30.25	220.99	-108.38
39550	92.67	-7.26	-1.25	-244.88	-50.29	-276.50	-41.30	235.51	-76.66
39551	93.81	-7.26	-1.25	-293.04	-69.19	-346.39	-52.85	260.50	-43.01
39552	94.95	-7.26	-1.25	-353.64	-97.22	-461.89	-64.74	312.39	-4.72
39553	96.09	-7.27	-1.25	-428.98	-158.90	-831.75	-89.31	472.23	48.42
39554	79.03	-6.15	-1.25	56.07	-20.65	-351.30	-4.51	42.04	-360.43
39555	80.19	-6.15	-1.25	44.16	-20.87	-342.29	1.21	72.60	-354.44
39556	81.36	-6.16	-1.25	29.28	-21.05	-332.36	5.75	101.50	-343.98
39557	82.52	-6.16	-1.25	11.49	-21.33	-321.96	8.83	128.46	-329.33
39558	83.68	-6.16	-1.25	-9.15	-21.91	-311.67	10.20	153.23	-310.89
39559	84.84	-6.16	-1.25	-32.55	-23.02	-302.20	9.69	175.56	-289.11
39560	86.01	-6.16	-1.25	-58.59	-24.94	-294.51	7.18	195.26	-264.50
39561	87.17	-6.17	-1.25	-87.17	-27.98	-289.81	2.66	212.26	-237.60
39562	88.33	-6.17	-1.25	-118.21	-32.48	-289.65	-3.81	226.66	-208.93
39563	89.50	-6.17	-1.25	-151.74	-38.85	-296.02	-12.08	238.91	-178.96
39564	90.66	-6.17	-1.25	-188.07	-47.62	-311.50	-21.90	249.95	-148.05
39565	91.82	-6.18	-1.25	-228.00	-59.48	-339.70	-32.94	261.59	-116.32
39566	92.98	-6.18	-1.25	-273.25	-75.55	-386.21	-44.81	277.32	-83.59
39567	94.15	-6.18	-1.25	-327.36	-98.15	-462.79	-57.08	304.98	-49.00
39568	95.31	-6.18	-1.25	-396.38	-131.22	-590.55	-69.47	363.42	-9.66
39569	96.47	-6.18	-1.25	-481.79	-206.59	-1022.89	-94.69	549.38	45.91
39570	79.04	-5.05	-1.25	63.84	-28.44	-485.45	-3.37	49.99	-375.99
39571	80.23	-5.05	-1.25	50.86	-28.93	-475.41	2.40	86.17	-369.59
39572	81.41	-5.06	-1.25	34.35	-29.60	-463.54	6.93	120.43	-358.36
39573	82.59	-5.06	-1.25	14.42	-30.59	-450.43	9.90	152.34	-342.64
39574	83.78	-5.06	-1.25	-8.80	-32.09	-436.83	11.02	181.51	-322.86
39575	84.96	-5.06	-1.25	-35.14	-34.33	-423.71	10.09	207.60	-299.58
39576	86.14	-5.06	-1.25	-64.40	-37.59	-412.26	7.02	230.35	-273.39
39577	87.33	-5.07	-1.25	-96.39	-42.17	-403.99	1.77	249.69	-244.94
39578	88.51	-5.07	-1.25	-130.96	-48.42	-400.78	-5.53	265.78	-214.81
39579	89.69	-5.07	-1.25	-168.12	-56.76	-404.94	-14.71	279.15	-183.54
39580	90.87	-5.07	-1.25	-208.22	-67.73	-419.42	-25.46	290.95	-151.49
39581	92.06	-5.07	-1.25	-252.21	-82.10	-448.27	-37.41	303.30	-118.81
39582	93.24	-5.08	-1.25	-302.14	-101.14	-497.70	-50.13	320.22	-85.18
39583	94.42	-5.08	-1.25	-362.24	-127.49	-581.01	-63.16	350.63	-49.58
39584	95.61	-5.08	-1.25	-439.87	-165.67	-720.81	-76.13	415.82	-8.69
39585	96.79	-5.08	-1.25	-535.24	-254.86	-1216.20	-101.48	628.77	51.40
39586	79.05	-3.95	-1.25	70.92	-34.87	-622.58	-2.72	57.92	-382.17
39587	80.25	-3.95	-1.25	56.96	-35.71	-611.64	2.83	99.98	-375.50
39588	81.45	-3.95	-1.25	38.86	-36.98	-597.84	7.11	139.85	-363.72
39589	82.65	-3.95	-1.25	16.79	-38.84	-581.92	9.74	176.93	-347.20
39590	83.85	-3.95	-1.25	-9.03	-41.46	-564.86	10.41	210.66	-326.43
39591	85.05	-3.95	-1.25	-38.34	-45.05	-547.86	8.91	240.61	-302.04
39592	86.25	-3.96	-1.25	-70.84	-49.88	-532.44	5.13	266.46	-274.71
39593	87.45	-3.96	-1.25	-106.25	-56.24	-520.42	-0.91	288.13	-245.15
39594	88.65	-3.96	-1.25	-144.33	-64.47	-514.02	-9.10	305.84	-214.02
39595	89.85	-3.96	-1.25	-185.09	-74.98	-515.89	-19.20	320.26	-181.88
39596	91.05	-3.96	-1.25	-228.90	-88.33	-529.36	-30.87	332.75	-149.10
39597	92.25	-3.96	-1.25	-276.88	-105.36	-558.91	-43.72	345.80	-115.75
39598	93.45	-3.96	-1.25	-331.44	-127.45	-611.31	-57.29	363.95	-81.39
39599	94.65	-3.96	-1.25	-397.52	-157.61	-701.42	-71.14	397.23	-44.72
39600	95.85	-3.96	-1.25	-483.82	-200.78	-853.30	-84.83	469.41	-1.74

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]
39601	97.05	-3.96	-1.25	-589.50	-303.94	-1412.18	-109.76	709.82	65.15
39602	61.60	-7.27	1.75	208.86	175.24	-405.15	-228.36	-571.99	92.16
39603	62.69	-7.27	1.75	184.27	224.70	-435.36	-137.95	-503.60	28.76
39604	63.77	-7.26	1.75	132.66	140.04	-420.23	-93.83	-405.48	-14.33
39605	64.86	-7.26	1.75	81.90	70.00	-372.82	-93.21	-345.12	-51.87
39606	65.95	-7.26	1.75	45.17	31.44	-330.98	-96.16	-307.26	-87.20
39607	67.03	-7.26	1.75	24.97	8.13	-301.58	-96.29	-278.81	-121.26
39608	68.12	-7.26	1.75	16.63	-8.23	-283.03	-94.18	-252.93	-154.15
39609	69.21	-7.26	1.75	15.33	-20.94	-271.94	-90.40	-226.44	-185.66
39610	70.30	-7.26	1.75	17.53	-31.49	-265.19	-85.14	-198.08	-215.35
39611	71.38	-7.26	1.75	20.78	-40.58	-260.32	-78.51	-167.63	-242.63
39612	72.47	-7.26	1.75	23.45	-48.46	-255.61	-70.66	-135.47	-266.89
39613	73.56	-7.25	1.75	24.55	-55.21	-250.00	-61.75	-102.31	-287.51
39614	74.64	-7.25	1.75	23.59	-60.81	-243.01	-52.03	-68.93	-303.97
39615	75.73	-7.25	1.75	20.46	-65.21	-234.66	-41.81	-36.05	-315.84
39616	76.82	-7.25	1.75	15.28	-68.33	-225.27	-31.43	-4.21	-322.84
39617	77.91	-7.25	1.75	8.29	-70.18	-215.33	-21.25	26.26	-324.79
39618	61.20	-6.19	1.74	217.38	153.48	-490.44	-220.75	-493.34	324.87
39619	62.31	-6.19	1.74	117.75	135.65	-565.92	-208.04	-461.15	52.37
39620	63.43	-6.18	1.74	57.84	113.52	-538.48	-140.08	-403.34	-20.82
39621	64.54	-6.18	1.75	25.04	63.55	-484.58	-107.01	-361.30	-64.79
39622	65.65	-6.18	1.75	7.09	23.94	-443.14	-98.53	-333.49	-101.16
39623	66.76	-6.18	1.75	-0.61	-2.55	-417.72	-96.42	-310.50	-135.74
39624	67.88	-6.17	1.75	-0.61	-20.70	-405.07	-94.74	-287.39	-169.73
39625	68.99	-6.17	1.75	4.27	-34.09	-401.02	-91.96	-261.70	-202.99
39626	70.10	-6.17	1.75	11.48	-44.69	-401.83	-87.66	-232.45	-234.96
39627	71.22	-6.17	1.75	18.97	-53.49	-404.52	-81.75	-199.59	-264.84
39628	72.33	-6.16	1.75	25.24	-61.00	-406.91	-74.24	-163.66	-291.82
39629	73.44	-6.16	1.75	29.29	-67.39	-407.55	-65.30	-125.56	-315.08
39630	74.55	-6.16	1.75	30.60	-72.70	-405.72	-55.18	-86.31	-333.90
39631	75.67	-6.16	1.75	29.02	-76.89	-401.25	-44.24	-46.89	-347.70
39632	76.78	-6.15	1.75	24.66	-79.92	-394.38	-32.88	-8.07	-356.04
39633	77.89	-6.15	1.75	17.81	-81.76	-385.62	-21.54	29.61	-358.68
39634	60.86	-5.09	1.74	172.99	143.90	-608.16	-234.52	-484.75	469.91
39635	62.00	-5.08	1.74	110.09	81.73	-676.38	-246.63	-444.17	119.20
39636	63.13	-5.08	1.74	12.62	53.03	-649.95	-179.21	-399.22	-4.89
39637	64.27	-5.08	1.75	-28.29	33.12	-591.29	-134.12	-373.12	-62.88
39638	65.40	-5.08	1.75	-37.76	5.59	-551.39	-111.74	-356.44	-104.39
39639	66.54	-5.07	1.75	-34.33	-17.52	-531.14	-102.16	-340.58	-141.09
39640	67.67	-5.07	1.75	-24.87	-34.64	-525.72	-97.46	-321.63	-176.53
39641	68.81	-5.07	1.75	-12.40	-47.25	-530.03	-93.84	-297.79	-211.41
39642	69.94	-5.07	1.75	1.06	-56.93	-539.72	-89.62	-268.40	-245.32
39643	71.08	-5.07	1.75	13.83	-64.74	-551.26	-84.06	-233.60	-277.46
39644	72.21	-5.06	1.75	24.58	-71.28	-561.98	-76.87	-194.13	-306.84
39645	73.34	-5.06	1.75	32.33	-76.82	-570.03	-68.02	-151.10	-332.48
39646	74.48	-5.06	1.75	36.53	-81.45	-574.34	-57.72	-105.77	-353.47
39647	75.61	-5.06	1.75	37.01	-85.15	-574.51	-46.30	-59.42	-369.07
39648	76.75	-5.05	1.75	33.88	-87.88	-570.68	-34.22	-13.12	-378.70
39649	77.88	-5.05	1.75	27.43	-89.60	-563.30	-22.00	32.34	-382.02
39650	60.59	-3.97	1.75	267.97	187.57	-707.72	-342.10	-577.86	629.90
39651	61.75	-3.96	1.75	83.77	1.34	-787.66	-247.17	-448.99	154.96
39652	62.90	-3.96	1.75	-30.39	0.89	-750.23	-196.46	-405.05	19.93
39653	64.05	-3.96	1.75	-73.31	-9.17	-692.63	-155.95	-387.57	-50.83
39654	65.20	-3.96	1.75	-79.66	-23.89	-656.43	-127.19	-379.63	-97.83
39655	66.35	-3.96	1.75	-69.26	-39.44	-642.66	-110.58	-370.49	-137.08
39656	67.51	-3.96	1.75	-52.12	-52.26	-645.52	-101.43	-356.03	-173.99
39657	68.66	-3.96	1.75	-32.48	-61.96	-659.23	-95.70	-334.56	-210.17
39658	69.81	-3.96	1.75	-12.59	-69.32	-678.86	-90.80	-305.53	-245.58
39659	70.96	-3.96	1.75	5.90	-75.14	-700.33	-85.27	-269.20	-279.48
39660	72.11	-3.96	1.75	21.64	-79.96	-720.45	-78.34	-226.42	-310.80
39661	73.27	-3.95	1.75	33.63	-84.08	-736.90	-69.72	-178.50	-338.43
39662	74.42	-3.95	1.75	41.24	-87.59	-748.21	-59.47	-126.99	-361.31
39663	75.57	-3.95	1.75	44.22	-90.49	-753.73	-47.88	-73.44	-378.51
39664	76.72	-3.95	1.75	42.67	-92.71	-753.40	-35.41	-19.25	-389.34
39665	77.87	-3.95	1.75	36.89	-94.21	-747.63	-22.64	34.47	-393.32
39666	61.21	-7.27	0.24	-52.74	147.20	-510.20	-19.90	-462.85	-73.65
39667	62.32	-7.27	0.24	10.21	205.61	-381.54	-43.38	-557.78	5.08
39668	63.43	-7.27	0.24	54.89	128.87	-364.13	-60.44	-482.43	-26.76
39669	64.54	-7.26	0.24	54.54	68.81	-347.33	-77.68	-401.99	-63.14
39670	65.66	-7.26	0.24	41.13	36.31	-323.10	-85.13	-340.55	-98.72
39671	66.77	-7.26	0.24	30.92	17.42	-300.92	-85.90	-295.52	-132.90
39672	67.88	-7.26	0.25	26.79	4.77	-284.16	-83.36	-259.90	-165.43
39673	68.99	-7.26	0.25	27.35	-4.63	-272.65	-79.07	-228.59	-196.14
39674	70.11	-7.26	0.25	30.61	-12.14	-265.01	-73.60	-198.62	-224.71
39675	71.22	-7.26	0.25	34.80	-18.43	-259.64	-67.20	-168.54	-250.78
39676	72.33	-7.26	0.25	38.57	-23.78	-255.17	-60.00	-137.86	-273.88
39677	73.44	-7.26	0.25	41.00	-28.31	-250.59	-52.12	-106.64	-293.57
39678	74.56	-7.25	0.25	41.50	-32.06	-245.31	-43.74	-75.22	-309.42
39679	75.67	-7.25	0.25	39.80	-35.00	-239.05	-35.07	-44.04	-321.06
39680	76.78	-7.25	0.25	35.81	-37.13	-231.84	-26.38	-13.51	-328.25
39681	77.89	-7.25	0.25	29.58	-38.44	-223.87	-17.97	16.06	-330.80
39682	60.82	-6.19	0.23	-106.46	114.46	-693.62	-40.00	-340.20	137.18
39683	61.96	-6.19	0.23	-81.61	151.35	-529.03	-115.13	-510.21	38.03
39684	63.09	-6.18	0.23	-17.10	118.98	-476.68	-96.05	-474.67	-29.94
39685	64.23	-6.18	0.24	7.45	66.05	-451.66	-83.21	-412.32	-77.57
39686	65.37	-6.18	0.24	12.25	29.05	-426.73	-81.43	-360.78	-114.91
39687	66.51	-6.18	0.24	12.88	5.96	-407.13	-81.23	-321.06	-149.05
39688	67.64	-6.17	0.24	15.42	-8.77	-394.65	-79.82	-288.12	-181.79
39689	68.78	-6.17	0.24	20.68	-18.86	-388.44	-76.93	-257.70	-213.29
39690	69.92	-6.17	0.24	27.67	-26.29	-386.63	-72.68	-227.16	-243.17
39691	71.06	-6.17	0.24	35.02	-32.12	-387.20	-67.21	-195.23	-270.89
39692	72.19	-6.16	0.24	41.52	-36.89	-388.41	-60.61	-161.52	-295.82
39693	73.33	-6.16	0.24	46.22	-40.87	-388.95	-53.01	-126.26	-317.33
39694	74.47	-6.16	0.25	48.49	-44.15	-387.96	-44.61	-89.97	-334.83
39695	75.61	-6.16	0.25	47.99	-46.76	-385.01	-35.66	-53.26	-347.84
39696	76.74	-6.15	0.25	44.61	-48.68	-380.02	-26.48	-16.76	-355.98
39697	77.88	-6.15	0.25	38.39	-49.92	-373.15	-17.43	19.02	-359.00
39698	60.49	-5.09	0.23	-110.82	138.18	-779.74	-32.21	-381.10	217.66
39699	61.65	-5.09	0.23	-59.36	97.72	-639.55	-168.70	-523.88	114.66

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]
39700	62.81	-5.08	0.23	-42.35	64.19	-587.73	-134.94	-473.45	-9.13
39701	63.97	-5.08	0.24	-31.51	39.20	-555.96	-104.11	-417.64	-73.96
39702	65.13	-5.08	0.24	-21.87	11.93	-529.53	-89.02	-375.42	-118.37
39703	66.28	-5.08	0.24	-12.77	-9.06	-512.36	-82.37	-342.88	-155.28
39704	67.44	-5.07	0.24	-2.76	-23.43	-504.60	-78.61	-314.46	-189.36
39705	68.60	-5.07	0.24	8.50	-33.07	-504.41	-75.25	-286.28	-221.95
39706	69.76	-5.07	0.24	20.39	-39.74	-509.24	-71.32	-256.12	-253.06
39707	70.92	-5.07	0.24	31.89	-44.61	-516.61	-66.40	-222.92	-282.22
39708	72.08	-5.06	0.24	41.92	-48.39	-524.34	-60.34	-186.53	-308.73
39709	73.24	-5.06	0.24	49.55	-51.45	-530.77	-53.12	-147.34	-331.84
39710	74.39	-5.06	0.25	54.14	-53.96	-534.74	-44.89	-106.08	-350.84
39711	75.55	-5.06	0.25	55.30	-55.99	-535.62	-35.89	-63.63	-365.09
39712	76.71	-5.05	0.25	52.88	-57.55	-533.19	-26.47	-20.83	-374.11
39713	77.87	-5.05	0.25	46.92	-58.63	-527.56	-17.05	21.57	-377.58
39714	60.22	-3.97	0.24	99.68	229.00	-704.55	-152.54	-617.10	428.46
39715	61.40	-3.96	0.24	-2.61	-7.18	-731.80	-156.29	-565.52	135.95
39716	62.58	-3.96	0.24	-50.42	3.64	-688.73	-140.72	-480.09	14.11
39717	63.75	-3.96	0.24	-59.11	-2.90	-656.18	-118.85	-424.97	-59.99
39718	64.93	-3.96	0.24	-52.69	-16.80	-630.37	-99.38	-389.38	-110.98
39719	66.10	-3.96	0.24	-39.79	-31.00	-616.54	-86.83	-363.46	-151.58
39720	67.28	-3.96	0.25	-24.13	-41.82	-614.18	-79.20	-339.92	-187.62
39721	68.46	-3.96	0.25	-7.25	-49.09	-620.66	-74.01	-314.60	-221.45
39722	69.63	-3.96	0.25	9.77	-53.77	-632.85	-69.55	-285.36	-253.65
39723	70.81	-3.96	0.25	25.84	-56.86	-647.73	-64.78	-251.35	-283.96
39724	71.98	-3.96	0.25	39.88	-59.04	-662.68	-59.14	-212.54	-311.73
39725	73.16	-3.95	0.25	50.94	-60.72	-675.65	-52.39	-169.55	-336.15
39726	74.33	-3.95	0.25	58.29	-62.12	-685.16	-44.51	-123.31	-356.39
39727	75.51	-3.95	0.25	61.50	-63.31	-690.32	-35.72	-74.96	-371.71
39728	76.69	-3.95	0.25	60.36	-64.33	-690.75	-26.36	-25.60	-381.53
39729	77.86	-3.95	0.25	54.89	-65.16	-686.45	-16.86	23.72	-385.42
39730	60.82	-7.27	-1.26	-214.32	169.54	-624.26	60.79	-596.87	-116.87
39731	61.95	-7.27	-1.26	-118.47	159.69	-360.10	13.32	-513.39	-55.98
39732	63.09	-7.27	-1.26	-35.58	102.02	-324.21	-36.03	-458.19	-54.18
39733	64.23	-7.26	-1.26	5.98	61.99	-313.44	-62.21	-395.91	-79.26
39734	65.37	-7.26	-1.26	23.37	39.23	-303.36	-71.79	-339.45	-111.44
39735	66.50	-7.26	-1.26	31.53	25.65	-291.19	-72.94	-293.30	-144.55
39736	67.64	-7.26	-1.26	37.41	16.63	-279.68	-70.32	-255.53	-176.44
39737	68.78	-7.26	-1.26	43.30	10.16	-270.32	-65.92	-222.93	-206.40
39738	69.92	-7.26	-1.26	49.47	5.22	-263.28	-60.54	-192.92	-234.08
39739	71.06	-7.26	-1.26	55.43	1.28	-258.01	-54.50	-163.88	-259.16
39740	72.19	-7.26	-1.25	60.50	-1.96	-253.73	-47.96	-135.00	-281.34
39741	73.33	-7.26	-1.25	64.06	-4.64	-249.70	-41.02	-106.01	-300.26
39742	74.47	-7.25	-1.25	65.65	-6.81	-245.36	-33.81	-76.99	-315.59
39743	75.61	-7.25	-1.25	64.95	-8.50	-240.36	-26.49	-48.17	-327.05
39744	76.74	-7.25	-1.25	61.79	-9.73	-234.57	-19.26	-19.85	-334.42
39745	77.88	-7.25	-1.25	56.09	-10.52	-227.99	-12.37	7.68	-337.55
39746	60.44	-6.19	-1.28	-357.14	74.98	-949.79	-31.05	-535.60	34.39
39747	61.60	-6.19	-1.28	-225.44	150.79	-511.33	-46.87	-456.21	-26.96
39748	62.76	-6.19	-1.28	-99.18	106.39	-430.39	-53.59	-441.86	-60.56
39749	63.92	-6.18	-1.27	-28.72	61.40	-408.81	-59.19	-401.74	-96.26
39750	65.09	-6.18	-1.27	4.82	31.95	-397.55	-63.30	-356.13	-129.86
39751	66.25	-6.18	-1.27	21.61	14.27	-387.41	-64.74	-315.13	-162.23
39752	67.41	-6.18	-1.27	32.41	3.49	-379.30	-63.72	-279.70	-193.58
39753	68.57	-6.17	-1.27	41.55	-3.39	-374.10	-60.96	-247.78	-223.60
39754	69.73	-6.17	-1.26	50.25	-8.02	-371.62	-56.95	-217.22	-251.86
39755	70.90	-6.17	-1.26	58.38	-11.33	-371.01	-51.98	-186.59	-277.91
39756	72.06	-6.16	-1.26	65.36	-13.83	-371.24	-46.21	-155.16	-301.25
39757	73.22	-6.16	-1.26	70.55	-15.79	-371.31	-39.78	-122.79	-321.40
39758	74.38	-6.16	-1.26	73.41	-17.37	-370.47	-32.83	-89.65	-337.87
39759	75.54	-6.16	-1.25	73.56	-18.61	-368.22	-25.56	-56.14	-350.28
39760	76.71	-6.15	-1.25	70.77	-19.56	-364.31	-18.22	-22.73	-358.30
39761	77.87	-6.15	-1.25	64.95	-20.23	-358.73	-11.10	10.15	-361.73
39762	60.12	-5.09	-1.28	-365.39	41.02	-1030.41	-74.64	-583.35	86.47
39763	61.30	-5.09	-1.28	-224.22	88.71	-607.20	-115.34	-474.29	36.34
39764	62.48	-5.08	-1.28	-119.31	66.32	-531.75	-90.16	-442.74	-40.07
39765	63.67	-5.08	-1.27	-54.93	40.40	-506.26	-72.45	-405.40	-94.57
39766	64.85	-5.08	-1.27	-17.40	17.17	-493.45	-64.92	-367.24	-135.34
39767	66.03	-5.08	-1.27	5.34	0.48	-484.48	-61.57	-332.48	-170.25
39768	67.21	-5.07	-1.27	21.36	-10.24	-479.46	-59.12	-301.09	-202.52
39769	68.40	-5.07	-1.27	34.74	-16.78	-478.52	-56.37	-271.24	-233.11
39770	69.58	-5.07	-1.26	46.93	-20.68	-480.93	-52.95	-241.14	-262.02
39771	70.76	-5.07	-1.26	58.06	-23.03	-485.45	-48.72	-209.56	-288.90
39772	71.95	-5.06	-1.26	67.64	-24.52	-490.68	-43.67	-175.99	-313.21
39773	73.13	-5.06	-1.26	75.02	-25.54	-495.34	-37.83	-140.40	-334.37
39774	74.31	-5.06	-1.26	79.64	-26.31	-498.42	-31.32	-103.16	-351.83
39775	75.49	-5.06	-1.25	81.03	-26.94	-499.24	-24.32	-64.84	-365.06
39776	76.68	-5.05	-1.25	78.93	-27.48	-497.42	-17.11	-26.12	-373.66
39777	77.86	-5.05	-1.25	73.21	-27.98	-492.88	-10.01	12.36	-377.36
39778	59.85	-3.97	-1.26	-203.32	23.20	-869.33	-150.98	-709.94	193.27
39779	61.05	-3.97	-1.26	-149.86	-12.90	-660.59	-120.91	-534.31	50.65
39780	62.25	-3.96	-1.26	-107.91	2.62	-621.88	-96.27	-458.43	-24.52
39781	63.45	-3.96	-1.26	-67.91	2.05	-601.06	-80.96	-412.73	-83.81
39782	64.65	-3.96	-1.26	-36.37	-8.54	-588.87	-69.33	-377.65	-130.11
39783	65.85	-3.96	-1.26	-12.39	-19.47	-581.66	-61.57	-348.04	-168.50
39784	67.05	-3.96	-1.26	7.11	-27.31	-580.00	-56.35	-320.92	-202.60
39785	68.25	-3.96	-1.26	24.35	-31.91	-583.60	-52.39	-293.75	-234.18
39786	69.45	-3.96	-1.26	40.24	-34.12	-591.26	-48.75	-264.69	-263.80
39787	70.65	-3.96	-1.26	54.76	-34.89	-601.29	-44.88	-232.65	-291.36
39788	71.85	-3.96	-1.25	67.38	-34.90	-611.92	-40.42	-197.24	-316.41
39789	73.05	-3.95	-1.25	77.40	-34.63	-621.55	-35.22	-158.60	-338.37
39790	74.25	-3.95	-1.25	84.16	-34.33	-628.88	-29.30	-117.31	-356.59
39791	75.45	-3.95	-1.25	87.14	-34.14	-633.01	-22.78	-74.12	-370.49
39792	76.65	-3.95	-1.25	86.02	-34.14	-633.43	-15.94	-29.94	-379.59
39793	77.85	-3.95	-1.25	80.63	-34.37	-629.96	-9.12	14.35	-383.54
39794	78.97	-8.70	1.75	-11.37	-49.54	7.84	-13.34	41.49	-263.53
39795	80.02	-8.70	1.75	-19.68	-48.86	15.87	-6.50	60.87	-256.45
39796	81.06	-8.70	1.75	-28.64	-47.11	22.20	-0.73	79.36	-245.56
39797	82.11	-8.70	1.75	-38.29	-44.46	26.81	3.76	97.19	-231.02
39798	83.16	-8.70	1.75	-48.75	-41.13	29.77	6.80	114.47	-213.12

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]
39799	84.20	-8.70	1.75	-60.14	-37.43	31.16	8.23	131.20	-192.16
39800	85.25	-8.70	1.75	-72.52	-33.67	30.96	7.93	147.21	-168.51
39801	86.29	-8.70	1.75	-85.79	-30.22	28.88	5.82	162.21	-142.58
39802	87.34	-8.70	1.75	-99.66	-27.47	24.30	1.88	175.86	-114.80
39803	88.38	-8.70	1.75	-113.50	-25.89	16.13	-3.87	187.71	-85.52
39804	89.43	-8.70	1.75	-126.26	-25.93	2.74	-11.37	197.60	-55.21
39805	90.47	-8.70	1.75	-136.30	-27.95	-18.21	-20.48	205.09	-24.66
39806	91.52	-8.70	1.75	-140.86	-32.48	-50.14	-30.99	208.70	6.02
39807	92.57	-8.70	1.75	-135.69	-38.92	-96.51	-42.90	206.15	36.73
39808	93.61	-8.70	1.75	-115.16	-46.96	-156.02	-54.78	189.16	68.54
39809	94.66	-8.70	1.75	-90.70	-59.18	-225.54	-61.64	155.51	99.09
39810	78.98	-8.10	1.75	-6.99	-59.28	-78.47	-12.58	47.16	-289.32
39811	80.05	-8.10	1.75	-15.94	-58.58	-69.79	-4.95	69.77	-281.78
39812	81.11	-8.10	1.75	-25.77	-56.80	-62.44	1.52	91.37	-270.00
39813	82.18	-8.10	1.75	-36.51	-54.10	-56.49	6.58	112.12	-254.22
39814	83.24	-8.10	1.75	-48.27	-50.73	-51.91	10.02	132.11	-234.78
39815	84.30	-8.10	1.75	-61.13	-46.98	-48.69	11.66	151.28	-212.04
39816	85.37	-8.10	1.75	-75.12	-43.21	-46.96	11.35	169.41	-186.46
39817	86.43	-8.10	1.75	-90.12	-39.79	-47.11	9.02	186.20	-158.52
39818	87.50	-8.10	1.75	-105.73	-37.14	-49.94	4.65	201.25	-128.72
39819	88.56	-8.10	1.75	-121.23	-35.72	-56.74	-1.70	214.22	-97.57
39820	89.63	-8.10	1.75	-135.46	-35.93	-69.44	-9.93	224.83	-65.66
39821	90.69	-8.10	1.75	-146.54	-38.22	-90.80	-19.83	232.57	-33.53
39822	91.75	-8.10	1.75	-151.42	-42.78	-124.44	-31.24	236.37	-1.49
39823	92.82	-8.10	1.75	-145.56	-49.50	-174.54	-43.69	233.36	30.46
39824	93.88	-8.10	1.75	-122.25	-57.84	-239.36	-55.88	214.30	63.44
39825	94.95	-8.10	1.75	-93.90	-70.06	-314.23	-62.55	175.94	94.82
39826	78.99	-8.70	0.25	10.58	-19.01	-26.54	-12.27	32.40	-278.82
39827	80.06	-8.70	0.25	1.73	-18.66	-19.18	-6.57	52.19	-272.96
39828	81.13	-8.70	0.25	-8.52	-17.59	-12.83	-1.89	70.98	-263.44
39829	82.20	-8.70	0.25	-20.17	-15.99	-7.62	1.57	88.80	-250.42
39830	83.27	-8.70	0.25	-33.29	-14.08	-3.70	3.64	105.69	-234.14
39831	84.35	-8.70	0.25	-47.93	-12.10	-1.23	4.17	121.62	-214.88
39832	85.42	-8.70	0.25	-64.09	-10.34	-0.54	3.06	136.49	-192.97
39833	86.49	-8.70	0.25	-81.73	-9.13	-2.17	0.24	150.21	-168.76
39834	87.56	-8.70	0.25	-100.67	-8.81	-6.96	-4.28	162.70	-142.62
39835	88.63	-8.70	0.25	-120.57	-9.80	-16.20	-10.46	173.99	-114.78
39836	89.71	-8.70	0.25	-140.87	-12.67	-31.69	-18.17	184.66	-85.55
39837	90.78	-8.70	0.25	-160.65	-17.92	-56.17	-27.30	195.46	-55.58
39838	91.85	-8.70	0.25	-177.90	-26.40	-94.29	-37.63	207.05	-24.65
39839	92.92	-8.70	0.25	-188.26	-38.59	-153.31	-49.18	221.10	7.28
39840	93.99	-8.70	0.25	-179.74	-56.94	-250.87	-61.89	235.20	41.12
39841	95.06	-8.70	0.25	-103.18	-76.28	-364.26	-77.07	199.17	86.95
39842	79.00	-8.10	0.25	14.84	-28.08	-103.30	-11.34	37.36	-301.17
39843	80.09	-8.10	0.25	5.34	-27.75	-95.36	-5.09	60.04	-294.93
39844	81.18	-8.10	0.25	-5.80	-26.75	-88.11	0.05	81.60	-284.68
39845	82.27	-8.10	0.25	-18.58	-25.25	-81.72	3.87	102.04	-270.66
39846	83.36	-8.10	0.25	-33.02	-23.46	-76.38	6.16	121.35	-253.15
39847	84.45	-8.10	0.25	-49.17	-21.66	-72.35	6.76	139.45	-232.50
39848	85.54	-8.10	0.25	-67.02	-20.14	-70.02	5.56	156.21	-209.09
39849	86.63	-8.10	0.25	-86.46	-19.24	-70.07	2.49	171.52	-183.34
39850	87.72	-8.10	0.25	-107.29	-19.34	-73.49	-2.42	185.31	-155.66
39851	88.81	-8.10	0.25	-129.13	-20.86	-81.74	-9.11	197.72	-126.44
39852	89.90	-8.10	0.25	-151.36	-24.32	-96.91	-17.42	209.27	-96.11
39853	90.99	-8.10	0.25	-172.92	-30.30	-122.16	-27.17	220.74	-65.04
39854	92.08	-8.10	0.25	-191.74	-39.43	-162.46	-38.16	233.47	-33.31
39855	93.17	-8.10	0.25	-203.02	-52.56	-226.25	-50.17	248.84	-0.68
39856	94.26	-8.10	0.25	-193.75	-72.03	-333.58	-63.49	264.77	34.24
39857	95.35	-8.10	0.25	-108.24	-90.41	-459.38	-78.63	224.14	81.39
39858	79.00	-8.70	-1.25	36.77	5.67	-53.98	-8.61	23.90	-293.26
39859	80.10	-8.70	-1.25	27.64	5.81	-47.37	-3.87	42.71	-288.54
39860	81.20	-8.70	-1.25	16.59	6.36	-41.43	-0.09	60.43	-280.38
39861	82.29	-8.70	-1.25	3.63	7.12	-36.37	2.53	77.00	-268.93
39862	83.39	-8.70	-1.25	-11.27	7.94	-32.44	3.84	92.38	-254.40
39863	84.49	-8.70	-1.25	-28.13	8.60	-29.99	3.71	106.51	-237.06
39864	85.59	-8.70	-1.25	-46.98	8.89	-29.48	2.04	119.32	-217.20
39865	86.69	-8.70	-1.25	-67.82	8.52	-31.60	-1.20	130.79	-195.12
39866	87.78	-8.70	-1.25	-90.68	7.22	-37.29	-6.03	140.94	-171.13
39867	88.88	-8.70	-1.25	-115.64	4.71	-47.82	-12.40	149.96	-145.38
39868	89.98	-8.70	-1.25	-142.92	0.39	-64.90	-20.13	158.67	-118.02
39869	91.08	-8.70	-1.25	-173.05	-6.16	-91.00	-29.18	168.23	-89.50
39870	92.18	-8.70	-1.25	-207.05	-15.79	-130.31	-39.32	180.57	-59.10
39871	93.28	-8.70	-1.25	-247.55	-29.64	-190.63	-50.11	201.88	-26.48
39872	94.37	-8.70	-1.25	-297.25	-50.74	-288.54	-61.13	244.79	11.29
39873	95.47	-8.70	-1.25	-359.45	-95.30	-575.79	-83.28	371.22	63.96
39874	79.01	-8.10	-1.25	41.33	-1.84	-121.95	-7.50	28.13	-312.62
39875	80.12	-8.10	-1.25	31.53	-1.76	-114.89	-2.42	49.50	-307.63
39876	81.24	-8.10	-1.25	19.58	-1.35	-108.20	1.62	69.67	-298.91
39877	82.36	-8.10	-1.25	5.51	-0.76	-102.13	4.43	88.53	-286.68
39878	83.47	-8.10	-1.25	-10.71	-0.19	-96.98	5.83	106.02	-271.18
39879	84.59	-8.10	-1.25	-29.07	0.15	-93.18	5.68	122.02	-252.73
39880	85.70	-8.10	-1.25	-49.57	0.02	-91.30	3.87	136.45	-231.67
39881	86.82	-8.10	-1.25	-72.22	-0.87	-92.12	0.38	149.25	-208.36
39882	87.94	-8.10	-1.25	-97.01	-2.83	-96.72	-4.80	160.47	-183.14
39883	89.05	-8.10	-1.25	-124.04	-6.20	-106.50	-11.57	170.41	-156.26
39884	90.17	-8.10	-1.25	-153.52	-11.51	-123.41	-19.79	179.80	-128.04
39885	91.28	-8.10	-1.25	-186.05	-19.29	-150.25	-29.30	189.89	-98.60
39886	92.40	-8.10	-1.25	-222.90	-30.40	-191.45	-39.77	203.33	-67.69
39887	93.52	-8.10	-1.25	-266.50	-46.43	-255.92	-50.79	226.17	-34.67
39888	94.63	-8.10	-1.25	-320.67	-70.58	-361.62	-62.23	272.98	3.17
39889	95.75	-8.10	-1.25	-388.25	-122.45	-682.91	-85.58	412.96	55.55
39890	62.24	-8.70	1.75	612.60	418.82	-151.54	-161.73	-758.94	221.06
39891	63.29	-8.70	1.75	347.59	200.00	-267.98	-126.51	-487.44	116.25
39892	64.33	-8.70	1.75	199.23	99.05	-259.71	-126.14	-365.09	37.65
39893	65.38	-8.70	1.75	109.58	62.97	-214.55	-117.23	-300.14	-14.50
39894	66.43	-8.70	1.75	61.70	40.38	-172.04	-108.28	-261.22	-55.22
39895	67.47	-8.70	1.75	36.69	23.59	-139.69	-100.75	-231.60	-89.82
39896	68.52	-8.70	1.75	24.67	10.01	-115.82	-94.05	-205.51	-121.36
39897	69.56	-8.70	1.75	19.77	-1.28	-97.81	-87.23	-180.25	-150.24

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]
39898	70.61	-8.70	1.75	18.31	-11.31	-83.48	-80.12	-154.49	-176.46
39899	71.65	-8.70	1.75	18.01	-20.17	-71.03	-72.54	-128.11	-199.95
39900	72.70	-8.70	1.75	17.46	-27.93	-59.27	-64.44	-101.41	-220.35
39901	73.74	-8.70	1.75	15.89	-34.59	-47.54	-55.90	-74.86	-237.34
39902	74.79	-8.70	1.75	12.95	-40.09	-35.68	-47.07	-48.99	-250.62
39903	75.84	-8.70	1.75	8.59	-44.36	-23.81	-38.16	-24.21	-259.97
39904	76.88	-8.70	1.75	2.94	-47.36	-12.31	-29.41	-0.82	-265.28
39905	77.93	-8.70	1.75	-3.78	-49.06	-1.64	-21.07	21.09	-266.50
39906	61.95	-8.10	1.75	361.66	322.93	-280.05	-97.80	-714.08	58.79
39907	63.02	-8.10	1.75	294.34	257.91	-328.70	-84.21	-521.17	67.24
39908	64.08	-8.10	1.75	194.19	117.61	-327.10	-95.65	-393.78	12.53
39909	65.15	-8.10	1.75	112.00	62.32	-282.63	-104.13	-324.07	-31.35
39910	66.21	-8.10	1.75	62.21	34.62	-240.25	-103.05	-282.46	-69.74
39911	67.27	-8.10	1.75	36.07	16.08	-208.59	-99.20	-252.15	-104.41
39912	68.34	-8.10	1.75	24.00	1.72	-186.45	-94.50	-225.48	-136.58
39913	69.40	-8.10	1.75	19.67	-10.08	-170.87	-88.98	-199.26	-166.64
39914	70.47	-8.10	1.75	19.17	-20.30	-159.21	-82.57	-172.18	-194.39
39915	71.53	-8.10	1.75	19.97	-29.31	-149.45	-75.32	-143.95	-219.49
39916	72.60	-8.10	1.75	20.48	-37.20	-140.18	-67.26	-114.91	-241.51
39917	73.66	-8.10	1.75	19.80	-43.97	-130.58	-58.49	-85.61	-260.00
39918	74.72	-8.10	1.75	17.50	-49.57	-120.36	-49.24	-56.68	-274.58
39919	75.79	-8.10	1.75	13.50	-53.93	-109.64	-39.73	-28.65	-284.95
39920	76.85	-8.10	1.75	7.94	-57.01	-98.78	-30.26	-1.91	-290.93
39921	77.92	-8.10	1.75	1.03	-58.78	-88.24	-21.12	23.36	-292.40
39922	61.84	-8.70	0.25	381.64	293.72	-102.93	-72.71	-835.80	201.82
39923	62.91	-8.70	0.25	208.49	152.64	-225.42	-87.87	-581.57	110.44
39924	63.98	-8.70	0.25	125.03	89.15	-233.67	-113.15	-448.40	37.48
39925	65.05	-8.70	0.25	75.86	65.23	-211.43	-112.25	-357.02	-17.44
39926	66.12	-8.70	0.25	48.54	49.06	-182.16	-104.51	-296.07	-61.87
39927	67.19	-8.70	0.25	34.10	36.27	-155.73	-96.09	-252.12	-99.10
39928	68.27	-8.70	0.25	27.88	25.78	-134.13	-88.18	-217.73	-132.18
39929	69.34	-8.70	0.25	26.53	17.12	-116.95	-80.48	-188.26	-161.82
39930	70.41	-8.70	0.25	27.64	9.51	-103.21	-72.93	-160.86	-188.31
39931	71.48	-8.70	0.25	29.53	2.87	-91.67	-65.32	-134.36	-211.86
39932	72.55	-8.70	0.25	31.09	-2.90	-81.38	-57.57	-108.32	-232.29
39933	73.63	-8.70	0.25	31.58	-7.81	-71.65	-49.66	-82.72	-249.39
39934	74.70	-8.70	0.25	30.62	-11.85	-62.13	-41.68	-57.71	-262.92
39935	75.77	-8.70	0.25	28.02	-14.99	-52.73	-33.76	-33.52	-272.72
39936	76.84	-8.70	0.25	23.76	-17.23	-43.53	-26.08	-10.35	-278.67
39937	77.91	-8.70	0.25	17.92	-18.55	-34.73	-18.85	11.68	-280.75
39938	61.55	-8.10	0.25	164.20	234.54	-250.70	40.46	-736.37	-30.76
39939	62.64	-8.10	0.25	145.32	198.72	-271.06	-25.33	-599.09	45.06
39940	63.73	-8.10	0.25	117.15	102.32	-283.37	-76.17	-477.19	5.73
39941	64.82	-8.10	0.25	79.71	61.80	-267.76	-95.00	-383.04	-38.21
39942	65.91	-8.10	0.25	52.30	41.06	-241.71	-96.41	-317.94	-78.34
39943	67.00	-8.10	0.25	36.75	26.99	-217.06	-92.30	-271.87	-114.52
39944	68.09	-8.10	0.25	29.91	16.13	-197.27	-86.69	-236.05	-147.44
39945	69.18	-8.10	0.25	28.49	7.35	-182.18	-80.40	-205.24	-177.62
39946	70.27	-8.10	0.25	29.98	-0.13	-170.64	-73.63	-176.46	-205.08
39947	71.36	-8.10	0.25	32.49	-6.63	-161.33	-66.45	-148.28	-229.73
39948	72.45	-8.10	0.25	34.71	-12.26	-153.13	-58.85	-120.21	-251.30
39949	73.54	-8.10	0.25	35.82	-17.05	-145.23	-50.89	-92.23	-269.48
39950	74.63	-8.10	0.25	35.31	-21.01	-137.18	-42.67	-64.58	-283.98
39951	75.72	-8.10	0.25	32.97	-24.10	-128.85	-34.38	-37.56	-294.54
39952	76.81	-8.10	0.25	28.73	-26.30	-120.28	-26.24	-11.44	-300.99
39953	77.90	-8.10	0.25	22.66	-27.61	-111.69	-18.48	13.57	-303.22
39954	61.43	-8.70	-1.25	61.49	175.47	-148.40	-81.55	-817.49	135.46
39955	62.53	-8.70	-1.25	24.97	100.46	-209.62	-82.78	-568.55	67.57
39956	63.62	-8.70	-1.25	16.48	76.46	-207.80	-100.43	-441.19	18.69
39957	64.72	-8.70	-1.25	19.33	65.30	-197.29	-100.72	-357.60	-29.07
39958	65.82	-8.70	-1.25	23.67	55.20	-180.76	-94.40	-298.26	-72.49
39959	66.92	-8.70	-1.25	27.69	45.85	-162.95	-86.46	-253.03	-110.21
39960	68.02	-8.70	-1.25	32.18	37.91	-146.26	-78.50	-217.07	-143.88
39961	69.12	-8.70	-1.25	37.17	31.34	-131.71	-70.74	-186.80	-173.83
39962	70.21	-8.70	-1.25	42.26	25.71	-119.49	-63.23	-159.48	-200.38
39963	71.31	-8.70	-1.25	46.92	20.90	-109.12	-55.87	-133.79	-223.83
39964	72.41	-8.70	-1.25	50.62	16.81	-100.02	-48.58	-109.03	-244.15
39965	73.51	-8.70	-1.25	52.93	13.39	-91.69	-41.32	-84.92	-261.20
39966	74.61	-8.70	-1.25	53.55	10.61	-83.76	-34.14	-61.44	-274.85
39967	75.70	-8.70	-1.25	52.29	8.47	-76.04	-27.13	-38.68	-284.96
39968	76.80	-8.70	-1.25	49.09	6.94	-68.46	-20.42	-16.77	-291.42
39969	77.90	-8.70	-1.25	43.91	6.02	-61.07	-14.20	4.17	-294.25
39970	61.15	-8.10	-1.25	-14.12	161.35	-254.49	47.15	-757.11	-67.07
39971	62.27	-8.10	-1.25	-5.73	121.27	-249.78	-14.13	-572.14	-2.63
39972	63.38	-8.10	-1.25	13.17	79.28	-249.10	-63.67	-462.68	-17.45
39973	64.50	-8.10	-1.25	23.76	58.45	-243.52	-82.77	-381.17	-51.59
39974	65.62	-8.10	-1.25	28.95	45.61	-231.54	-85.13	-319.17	-89.54
39975	66.73	-8.10	-1.25	32.52	35.84	-216.53	-81.37	-271.85	-125.49
39976	67.85	-8.10	-1.25	36.42	28.02	-202.06	-75.68	-234.17	-158.48
39977	68.96	-8.10	-1.25	41.09	21.75	-189.57	-69.29	-202.30	-188.56
39978	70.08	-8.10	-1.25	46.21	16.54	-179.31	-62.58	-173.53	-215.70
39979	71.20	-8.10	-1.25	51.14	12.12	-170.83	-55.69	-146.23	-239.90
39980	72.31	-8.10	-1.25	55.21	8.38	-163.50	-48.62	-119.63	-261.04
39981	73.43	-8.10	-1.25	57.89	5.26	-156.73	-41.42	-93.43	-278.91
39982	74.54	-8.10	-1.25	58.79	2.72	-150.08	-34.16	-67.64	-293.27
39983	75.66	-8.10	-1.25	57.67	0.76	-143.30	-26.96	-42.40	-303.95
39984	76.78	-8.10	-1.25	54.41	-0.65	-136.31	-19.99	-17.89	-310.79
39985	77.89	-8.10	-1.25	48.96	-1.50	-129.15	-13.44	5.67	-313.70
39986	67.47	-9.45	1.75	35.92	37.18	-58.73	-102.69	-213.05	-61.05
39987	66.50	-9.41	1.75	58.08	52.63	-95.95	-113.21	-241.02	-29.53
39988	65.53	-9.36	1.75	97.88	72.43	-141.53	-127.45	-275.61	8.09
39989	67.28	-10.34	1.75	30.32	59.36	-32.54	-104.32	-193.42	-15.19
39990	66.43	-10.22	1.75	48.09	72.67	-13.66	-116.56	-218.42	9.56
39991	65.59	-10.08	1.75	76.68	91.06	-65.29	-133.16	-248.06	39.77
39992	67.10	-11.25	1.75	17.82	81.39	125.04	-99.62	-171.48	34.46
39993	66.38	-11.03	1.75	29.61	91.69	70.08	-111.53	-192.40	50.07
39994	65.67	-10.80	1.75	48.22	108.21	12.01	-125.84	-216.29	70.63
39995	77.92	-9.82	1.75	-12.20	-27.90	153.70	-21.24	15.48	-211.41
39996	76.85	-9.80	1.75	-5.56	-26.50	140.53	-28.49	-1.96	-211.15

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]
39997	75.79	-9.78	1.75	0.36	-23.90	125.07	-36.29	-21.05	-207.43
39998	74.73	-9.76	1.75	5.30	-20.13	107.85	-44.46	-41.84	-200.20
39999	73.68	-9.73	1.75	9.09	-15.22	89.32	-52.82	-64.21	-189.48
40000	72.63	-9.69	1.75	11.73	-9.25	69.74	-61.19	-87.82	-175.42
40001	71.58	-9.65	1.75	13.53	-2.25	49.07	-69.45	-112.27	-158.18
40002	70.54	-9.61	1.75	15.17	5.74	26.86	-77.56	-137.16	-138.01
40003	69.51	-9.55	1.75	17.93	14.81	2.16	-85.60	-162.22	-115.12
40004	68.47	-9.50	1.75	23.90	25.11	-26.50	-93.91	-187.55	-89.73
40005	77.89	-11.45	1.75	-22.04	7.86	371.39	-21.41	7.22	-120.61
40006	76.77	-11.41	1.75	-15.77	8.70	354.14	-26.96	-4.36	-121.90
40007	75.66	-11.36	1.75	-9.88	10.41	332.12	-33.32	-17.92	-120.71
40008	74.56	-11.29	1.75	-4.67	13.01	306.01	-40.40	-33.74	-116.88
40009	73.47	-11.20	1.75	-0.36	16.52	276.40	-48.07	-51.82	-110.35
40010	72.39	-11.09	1.75	3.01	20.92	243.72	-56.20	-72.01	-101.09
40011	71.33	-10.97	1.75	5.66	26.21	208.10	-64.70	-93.98	-89.14
40012	70.28	-10.83	1.75	8.24	32.47	169.32	-73.57	-117.43	-74.58
40013	69.24	-10.67	1.75	11.94	39.87	126.72	-82.96	-142.16	-57.49
40014	68.21	-10.50	1.75	18.74	48.83	79.25	-93.37	-168.26	-37.78
40015	77.86	-13.09	1.75	-28.68	46.83	582.49	-21.09	-1.55	-17.14
40016	76.69	-13.03	1.75	-23.27	47.05	562.29	-24.64	-7.48	-19.75
40017	75.54	-12.95	1.75	-17.98	47.56	534.94	-29.22	-15.64	-21.19
40018	74.40	-12.83	1.75	-13.15	48.49	501.17	-34.81	-26.49	-21.14
40019	73.28	-12.68	1.75	-9.02	49.96	461.63	-41.37	-40.20	-19.42
40020	72.18	-12.51	1.75	-5.70	52.09	416.81	-48.81	-56.74	-15.83
40021	71.10	-12.30	1.75	-3.04	55.02	367.00	-57.04	-75.93	-10.24
40022	70.03	-12.06	1.75	-0.53	59.00	312.15	-66.08	-97.50	-2.53
40023	68.99	-11.80	1.75	2.83	64.45	251.91	-76.08	-121.26	7.48
40024	67.96	-11.51	1.75	8.61	72.19	185.74	-87.60	-147.36	19.99
40025	77.84	-14.73	1.75	-30.94	82.19	798.10	-20.00	-11.05	99.45
40026	76.64	-14.66	1.75	-26.64	81.88	775.40	-21.53	-11.66	95.68
40027	75.45	-14.55	1.75	-22.35	81.09	743.16	-24.17	-14.64	91.47
40028	74.27	-14.39	1.75	-18.36	80.07	702.03	-28.01	-20.60	87.22
40029	73.12	-14.19	1.75	-14.92	79.10	652.63	-33.06	-29.88	83.30
40030	72.00	-13.94	1.75	-12.17	78.49	595.47	-39.25	-42.60	80.05
40031	70.89	-13.65	1.75	-10.01	78.62	530.95	-46.51	-58.68	77.83
40032	69.81	-13.32	1.75	-8.07	79.94	459.24	-54.78	-77.88	77.04
40033	68.76	-12.95	1.75	-5.64	83.15	380.34	-64.13	-99.89	78.16
40034	67.73	-12.54	1.75	-1.64	89.54	294.20	-74.82	-124.46	82.12
40035	77.83	-16.37	1.75	-30.61	93.81	1025.06	-17.71	-21.85	216.28
40036	76.59	-16.30	1.75	-27.34	93.45	999.73	-17.80	-18.16	211.71
40037	75.37	-16.16	1.75	-24.05	92.08	962.02	-18.89	-16.77	204.84
40038	74.17	-15.96	1.75	-20.95	90.08	912.50	-21.10	-18.41	196.21
40039	72.99	-15.70	1.75	-18.19	87.90	851.80	-24.49	-23.55	186.34
40040	71.84	-15.39	1.75	-15.87	86.00	780.57	-29.01	-32.42	175.87
40041	70.71	-15.02	1.75	-13.92	84.90	699.44	-34.57	-45.00	165.46
40042	69.61	-14.59	1.75	-12.06	85.21	609.04	-41.09	-61.04	155.82
40043	68.55	-14.11	1.75	-9.80	87.74	510.03	-48.54	-80.09	147.77
40044	67.52	-13.57	1.75	-6.57	93.49	403.11	-57.00	-101.65	142.35
40045	77.82	-18.02	1.75	-28.95	90.26	1237.91	-12.76	-34.19	304.28
40046	76.57	-17.94	1.75	-26.08	90.05	1210.28	-10.90	-28.22	300.05
40047	75.32	-17.78	1.75	-22.96	88.95	1167.28	-9.87	-24.09	292.47
40048	74.10	-17.54	1.75	-19.71	87.30	1109.53	-9.84	-22.47	282.04
40049	72.89	-17.23	1.75	-16.47	85.49	1037.79	-10.92	-23.86	269.36
40050	71.71	-16.85	1.75	-13.37	83.98	952.96	-13.16	-28.53	255.14
40051	70.56	-16.40	1.75	-10.51	83.25	856.12	-16.58	-36.59	240.15
40052	69.44	-15.87	1.75	-7.89	83.86	748.46	-21.19	-47.94	225.18
40053	68.36	-15.28	1.75	-5.45	86.51	631.29	-27.07	-62.37	211.03
40054	67.33	-14.62	1.75	-2.86	92.06	506.01	-34.29	-79.54	198.73
40055	62.67	-9.51	1.75	400.81	458.59	-130.66	-366.60	-523.14	388.16
40056	63.26	-10.51	1.75	19.79	268.43	-143.53	-149.91	-239.52	233.43
40057	63.90	-11.47	1.75	14.06	186.43	-14.33	-93.96	-188.18	192.78
40058	63.62	-9.44	1.75	266.85	166.79	-201.36	-199.28	-395.82	158.55
40059	64.03	-10.31	1.75	128.12	192.67	-112.27	-186.76	-284.48	163.28
40060	64.47	-11.15	1.75	33.50	166.53	-16.84	-125.52	-208.96	151.19
40061	64.57	-9.37	1.75	164.93	107.89	-183.86	-151.72	-323.49	63.94
40062	64.79	-10.11	1.75	111.84	123.74	-100.41	-156.33	-274.91	88.66
40063	65.04	-10.83	1.75	56.66	134.72	-16.40	-137.26	-226.16	105.80
40064	66.37	-13.92	1.75	-0.98	101.60	377.11	-43.24	-99.15	188.63
40065	66.62	-13.02	1.75	-2.41	102.89	297.45	-66.75	-123.74	139.04
40066	66.88	-12.14	1.75	4.02	98.07	213.54	-85.67	-147.53	87.39
40067	65.48	-13.16	1.75	0.85	116.60	246.88	-54.39	-122.30	182.55
40068	65.83	-12.46	1.75	3.90	116.29	194.91	-78.62	-146.47	139.36
40069	66.18	-11.78	1.75	12.92	108.49	140.00	-97.39	-168.43	94.22
40070	64.65	-12.36	1.75	1.81	140.70	114.06	-70.15	-148.71	183.20
40071	65.08	-11.87	1.75	13.74	137.72	90.37	-94.51	-171.94	145.50
40072	65.51	-11.39	1.75	25.65	123.18	63.89	-113.10	-191.79	105.50
40073	67.19	-9.46	0.25	27.50	52.45	-82.49	-100.65	-235.60	-68.54
40074	66.19	-9.42	0.25	38.84	64.51	-114.71	-112.27	-276.24	-33.34
40075	65.19	-9.37	0.25	60.18	79.12	-150.70	-126.05	-329.85	9.44
40076	66.98	-10.39	0.25	12.39	79.08	0.05	-104.62	-218.84	-18.97
40077	66.11	-10.26	0.25	19.37	89.53	-42.12	-117.55	-254.65	9.97
40078	65.25	-10.12	0.25	31.88	103.29	-87.78	-133.52	-299.42	45.48
40079	66.79	-11.33	0.25	-9.30	107.51	82.00	-100.50	-199.08	35.35
40080	66.06	-11.10	0.25	-6.87	114.70	29.81	-112.50	-228.85	54.69
40081	65.33	-10.86	0.25	-0.47	126.85	-25.09	-125.62	-264.56	79.43
40082	77.90	-9.85	0.25	9.13	1.97	108.42	-19.79	6.73	-230.47
40083	76.81	-9.83	0.25	14.75	3.11	97.14	-26.29	-11.26	-229.21
40084	75.72	-9.81	0.25	19.06	5.12	84.14	-33.36	-30.55	-224.49
40085	74.63	-9.79	0.25	21.97	8.00	69.64	-40.83	-51.20	-216.32
40086	73.55	-9.76	0.25	23.44	11.73	53.83	-48.58	-73.12	-204.75
40087	72.48	-9.72	0.25	23.58	16.30	36.73	-56.49	-96.21	-189.90
40088	71.40	-9.68	0.25	22.71	21.67	18.13	-64.54	-120.38	-171.89
40089	70.34	-9.63	0.25	21.46	27.86	-2.46	-72.78	-145.72	-150.85
40090	69.27	-9.57	0.25	20.80	34.93	-25.79	-81.36	-172.67	-126.84
40091	68.22	-9.51	0.25	22.21	43.01	-52.84	-90.62	-202.31	-99.81
40092	77.87	-11.54	0.25	-1.67	38.48	311.76	-21.01	-0.56	-144.35
40093	76.72	-11.51	0.25	3.28	39.21	296.43	-26.21	-13.10	-144.44
40094	75.58	-11.45	0.25	7.19	40.59	277.06	-32.17	-27.29	-141.78
40095	74.45	-11.37	0.25	9.90	42.66	253.98	-38.82	-43.36	-136.38

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]
40096	73.33	-11.28	0.25	11.32	45.44	227.54	-46.08	-61.43	-128.20
40097	72.23	-11.17	0.25	11.47	48.92	197.90	-53.90	-81.52	-117.24
40098	71.14	-11.04	0.25	10.60	53.12	165.06	-62.28	-103.66	-103.51
40099	70.06	-10.89	0.25	9.21	58.07	128.77	-71.32	-128.03	-87.00
40100	68.99	-10.73	0.25	8.15	63.91	88.53	-81.28	-155.15	-67.66
40101	67.94	-10.55	0.25	8.78	70.89	43.70	-92.61	-186.06	-45.14
40102	77.85	-13.25	0.25	-9.10	82.79	509.66	-21.74	-8.42	-41.71
40103	76.64	-13.19	0.25	-5.33	82.96	491.30	-25.10	-15.52	-43.08
40104	75.46	-13.10	0.25	-2.42	83.34	466.59	-29.39	-24.55	-42.76
40105	74.29	-12.98	0.25	-0.57	84.02	435.93	-34.63	-35.94	-40.67
40106	73.14	-12.82	0.25	0.06	85.10	399.71	-40.80	-49.98	-36.68
40107	72.01	-12.64	0.25	-0.61	86.65	358.26	-47.90	-66.82	-30.66
40108	70.89	-12.42	0.25	-2.45	88.77	311.71	-55.95	-86.62	-22.49
40109	69.80	-12.18	0.25	-5.12	91.64	259.96	-65.07	-109.60	-12.00
40110	68.73	-11.90	0.25	-7.96	95.55	202.76	-75.49	-136.27	1.09
40111	67.68	-11.60	0.25	-9.99	101.03	139.74	-87.79	-167.69	17.12
40112	77.83	-14.95	0.25	-11.57	132.98	707.68	-21.83	-17.40	81.01
40113	76.58	-14.88	0.25	-9.28	132.44	686.91	-22.91	-19.12	78.38
40114	75.36	-14.76	0.25	-7.74	131.39	657.59	-25.03	-23.02	76.09
40115	74.16	-14.59	0.25	-7.17	129.96	620.09	-28.28	-29.69	74.27
40116	72.97	-14.38	0.25	-7.80	128.36	574.82	-32.73	-39.58	73.15
40117	71.81	-14.12	0.25	-9.75	126.78	522.11	-38.40	-53.01	72.94
40118	70.68	-13.82	0.25	-13.00	125.47	462.12	-45.31	-70.24	73.92
40119	69.57	-13.48	0.25	-17.34	124.76	394.85	-53.50	-91.54	76.36
40120	68.49	-13.09	0.25	-22.28	125.16	320.09	-63.09	-117.28	80.73
40121	67.44	-12.67	0.25	-27.11	127.74	237.46	-74.22	-148.04	87.95
40122	77.81	-16.65	0.25	-2.97	182.28	948.11	-21.30	-28.77	241.39
40123	76.54	-16.57	0.25	-2.24	181.01	924.35	-20.26	-24.91	237.11
40124	75.28	-16.43	0.25	-2.38	177.93	889.32	-20.21	-23.48	230.91
40125	74.05	-16.22	0.25	-3.57	173.37	843.27	-21.36	-25.29	223.01
40126	72.83	-15.96	0.25	-5.96	167.71	786.48	-23.85	-30.99	213.81
40127	71.65	-15.63	0.25	-9.66	161.36	719.19	-27.71	-41.08	203.74
40128	70.49	-15.24	0.25	-14.62	154.79	641.57	-32.90	-55.89	193.31
40129	69.36	-14.80	0.25	-20.55	148.58	553.70	-39.37	-75.64	183.14
40130	68.27	-14.30	0.25	-26.92	143.50	455.62	-46.99	-100.37	174.02
40131	67.22	-13.74	0.25	-32.87	140.55	347.41	-55.49	-129.93	167.12
40132	77.80	-18.36	0.25	0.18	121.97	1233.24	-18.10	-45.13	347.50
40133	76.51	-18.28	0.25	0.05	121.75	1205.06	-18.31	-40.21	343.03
40134	75.23	-18.11	0.25	-1.06	120.05	1161.14	-19.02	-37.45	334.62
40135	73.97	-17.87	0.25	-3.09	117.28	1101.82	-20.32	-37.66	322.75
40136	72.73	-17.54	0.25	-5.94	113.80	1027.57	-22.22	-41.47	308.07
40137	71.51	-17.15	0.25	-9.42	110.07	938.99	-24.67	-49.29	291.37
40138	70.33	-16.67	0.25	-13.24	106.59	836.80	-27.62	-61.27	273.55
40139	69.18	-16.13	0.25	-16.92	103.94	721.94	-31.00	-77.33	255.62
40140	68.07	-15.51	0.25	-19.80	102.88	595.57	-34.77	-97.12	238.67
40141	67.01	-14.83	0.25	-20.83	104.06	459.17	-39.00	-119.94	224.09
40142	62.26	-9.53	0.25	251.51	362.26	-142.50	-251.96	-584.08	413.79
40143	62.86	-10.56	0.25	0.06	241.20	-211.44	-107.96	-288.21	260.49
40144	63.51	-11.56	0.25	-2.81	178.31	-98.66	-71.23	-238.94	220.18
40145	63.24	-9.45	0.25	149.50	143.19	-201.05	-171.39	-490.40	170.01
40146	63.65	-10.35	0.25	41.19	184.26	-157.17	-166.24	-367.84	181.41
40147	64.10	-11.22	0.25	-27.12	172.84	-83.91	-114.34	-279.11	170.41
40148	64.21	-9.38	0.25	93.89	104.22	-180.65	-144.35	-401.37	71.33
40149	64.43	-10.15	0.25	44.03	129.55	-122.09	-151.57	-344.09	100.97
40150	64.68	-10.90	0.25	-4.85	148.39	-59.55	-133.19	-286.87	119.72
40151	66.03	-14.10	0.25	-20.19	109.53	318.22	-43.84	-144.52	212.84
40152	66.29	-13.17	0.25	-37.64	141.10	238.20	-64.76	-161.45	161.94
40153	66.56	-12.26	0.25	-30.50	131.98	159.29	-85.33	-178.94	95.92
40154	65.12	-13.31	0.25	-17.64	120.92	176.01	-49.23	-171.12	207.15
40155	65.48	-12.59	0.25	-39.33	145.40	130.48	-75.47	-194.37	160.52
40156	65.85	-11.88	0.25	-29.99	137.44	87.20	-96.71	-208.54	105.05
40157	64.27	-12.48	0.25	-13.78	140.28	33.23	-57.08	-198.81	209.49
40158	64.71	-11.97	0.25	-36.56	156.27	20.08	-88.56	-230.79	165.71
40159	65.16	-11.48	0.25	-26.51	144.96	11.79	-110.99	-242.97	118.85
40160	66.90	-9.48	-1.25	15.52	63.52	-97.57	-92.65	-237.06	-79.64
40161	65.88	-9.43	-1.25	8.99	72.82	-122.29	-103.58	-278.68	-43.37
40162	64.86	-9.39	-1.25	1.25	83.04	-147.56	-115.64	-331.70	-0.46
40163	66.69	-10.44	-1.25	-9.81	93.51	-23.88	-98.09	-220.47	-30.36
40164	65.80	-10.31	-1.25	-20.08	102.03	-59.63	-110.10	-256.97	0.05
40165	64.92	-10.16	-1.25	-33.06	112.33	-96.85	-124.30	-301.96	36.15
40166	66.49	-11.41	-1.25	-42.49	129.09	46.73	-94.91	-201.45	22.90
40167	65.74	-11.18	-1.25	-55.76	134.57	0.14	-105.87	-232.24	44.11
40168	64.99	-10.93	-1.25	-71.38	143.99	-47.89	-117.71	-269.68	69.79
40169	77.89	-9.88	-1.25	34.01	24.35	70.03	-15.91	0.00	-248.58
40170	76.77	-9.86	-1.25	38.85	25.21	60.29	-21.71	-17.29	-246.41
40171	75.65	-9.84	-1.25	41.94	26.68	49.12	-28.09	-35.73	-240.91
40172	74.54	-9.82	-1.25	43.26	28.80	36.63	-34.89	-55.33	-232.09
40173	73.43	-9.78	-1.25	42.82	31.58	22.83	-42.03	-76.07	-219.99
40174	72.32	-9.74	-1.25	40.75	35.02	7.64	-49.43	-97.95	-204.69
40175	71.23	-9.70	-1.25	37.24	39.14	-9.16	-57.10	-121.05	-186.27
40176	70.13	-9.65	-1.25	32.60	43.96	-27.92	-65.11	-145.67	-164.77
40177	69.04	-9.59	-1.25	27.22	49.58	-49.04	-73.62	-172.47	-140.12
40178	67.96	-9.53	-1.25	21.47	56.07	-72.83	-82.81	-202.63	-112.17
40179	77.86	-11.64	-1.25	21.06	58.71	258.73	-18.30	-6.06	-169.00
40180	76.67	-11.60	-1.25	25.00	59.35	245.11	-23.13	-18.33	-167.92
40181	75.50	-11.54	-1.25	27.35	60.51	227.83	-28.69	-32.10	-164.14
40182	74.34	-11.46	-1.25	28.06	62.27	207.12	-34.90	-47.54	-157.62
40183	73.20	-11.36	-1.25	27.05	64.64	183.16	-41.71	-64.78	-148.33
40184	72.07	-11.25	-1.25	24.35	67.65	156.04	-49.10	-83.94	-136.25
40185	70.95	-11.11	-1.25	20.01	71.31	125.73	-57.10	-105.19	-121.37
40186	69.84	-10.96	-1.25	14.19	75.67	92.11	-65.85	-128.91	-103.59
40187	68.75	-10.79	-1.25	7.08	80.78	55.04	-75.58	-155.77	-82.75
40188	67.67	-10.61	-1.25	-1.06	86.74	14.50	-86.60	-186.91	-58.46
40189	77.83	-13.40	-1.25	11.03	104.92	440.36	-20.29	-12.62	-73.81
40190	76.59	-13.34	-1.25	13.52	105.16	423.81	-23.42	-19.87	-73.84
40191	75.38	-13.25	-1.25	14.53	105.67	401.37	-27.40	-28.92	-72.10
40192	74.18	-13.12	-1.25	13.95	106.54	373.35	-32.25	-40.08	-68.46
40193	73.00	-12.96	-1.25	11.60	107.85	340.02	-37.97	-53.64	-62.79
40194	71.83	-12.77	-1.25	7.37	109.67	301.61	-44.58	-69.84	-54.98

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]
40195	70.69	-12.54	-1.25	1.15	112.06	258.25	-52.15	-88.92	-44.86
40196	69.57	-12.29	-1.25	-7.12	115.13	210.00	-60.83	-111.31	-32.20
40197	68.47	-12.01	-1.25	-17.51	119.04	156.84	-70.86	-137.69	-16.67
40198	67.40	-11.69	-1.25	-30.18	123.92	98.98	-82.80	-169.26	2.08
40199	77.81	-15.17	-1.25	7.42	168.87	623.47	-22.03	-20.45	41.12
40200	76.53	-15.09	-1.25	8.03	168.42	604.57	-22.60	-22.82	39.96
40201	75.27	-14.97	-1.25	7.21	167.70	577.44	-24.12	-27.19	39.36
40202	74.04	-14.80	-1.25	4.74	166.83	542.44	-26.68	-34.08	39.57
40203	72.82	-14.58	-1.25	0.39	165.94	499.93	-30.37	-43.91	40.77
40204	71.63	-14.31	-1.25	-6.13	165.14	450.20	-35.24	-57.07	43.21
40205	70.46	-14.00	-1.25	-15.09	164.58	393.52	-41.38	-73.92	47.16
40206	69.33	-13.64	-1.25	-26.75	164.44	330.05	-48.93	-94.93	52.98
40207	68.22	-13.24	-1.25	-41.45	164.96	259.82	-58.06	-120.79	61.12
40208	67.15	-12.80	-1.25	-59.68	166.84	182.89	-69.07	-152.50	72.38
40209	77.79	-16.93	-1.25	12.95	266.34	798.42	-23.78	-30.70	188.53
40210	76.48	-16.85	-1.25	11.42	264.60	777.76	-20.50	-28.24	186.00
40211	75.19	-16.70	-1.25	8.47	261.35	747.24	-18.28	-28.03	182.70
40212	73.92	-16.49	-1.25	3.82	256.79	707.13	-17.39	-30.77	178.88
40213	72.68	-16.21	-1.25	-2.91	251.13	657.67	-18.00	-37.06	174.76
40214	71.46	-15.87	-1.25	-12.14	244.61	599.03	-20.28	-47.50	170.62
40215	70.27	-15.47	-1.25	-24.33	237.48	531.31	-24.33	-62.67	166.80
40216	69.11	-15.01	-1.25	-39.97	230.09	454.44	-30.23	-83.21	163.70
40217	67.99	-14.49	-1.25	-59.56	222.86	368.11	-38.03	-109.88	161.85
40218	66.91	-13.91	-1.25	-83.67	216.36	271.50	-47.63	-143.73	161.81
40219	77.78	-18.70	-1.25	77.96	416.11	1290.74	-30.77	-54.23	515.25
40220	76.45	-18.62	-1.25	72.14	412.67	1261.78	-25.21	-43.87	508.76
40221	75.14	-18.44	-1.25	63.65	405.50	1217.04	-20.63	-36.64	497.34
40222	73.84	-18.19	-1.25	52.26	394.91	1156.46	-17.34	-33.72	481.32
40223	72.56	-17.85	-1.25	37.59	381.28	1079.96	-15.58	-36.20	461.23
40224	71.31	-17.44	-1.25	19.26	365.07	987.49	-15.47	-45.05	437.74
40225	70.10	-16.95	-1.25	-3.10	346.79	878.97	-17.05	-61.15	411.62
40226	68.92	-16.39	-1.25	-29.81	327.00	754.27	-20.27	-85.22	383.76
40227	67.79	-15.75	-1.25	-61.04	306.32	613.29	-24.96	-117.86	355.14
40228	66.70	-15.04	-1.25	-96.71	285.42	455.65	-30.87	-159.42	327.16
40229	61.85	-9.55	-1.25	-89.06	250.15	-302.75	-201.70	-663.51	307.85
40230	62.46	-10.62	-1.25	-267.74	228.32	-409.63	-102.04	-459.41	231.87
40231	63.12	-11.65	-1.25	-251.47	222.22	-263.53	-66.50	-394.58	233.10
40232	62.85	-9.47	-1.25	-36.31	120.83	-197.94	-157.20	-496.71	138.76
40233	63.27	-10.40	-1.25	-127.43	181.15	-179.30	-151.81	-395.73	162.29
40234	63.73	-11.30	-1.25	-175.23	197.69	-129.19	-108.95	-323.70	165.05
40235	63.85	-9.40	-1.25	-14.30	98.62	-169.23	-131.29	-400.68	56.66
40236	64.08	-10.19	-1.25	-62.10	134.29	-128.45	-139.91	-350.07	89.37
40237	64.33	-10.96	-1.25	-105.90	165.05	-83.60	-124.66	-300.23	110.56
40238	65.69	-14.28	-1.25	-136.23	265.50	284.55	-37.39	-208.40	299.16
40239	65.96	-13.32	-1.25	-109.82	210.83	172.27	-58.46	-181.78	161.32
40240	66.25	-12.37	-1.25	-78.64	169.26	110.92	-80.07	-185.47	83.81
40241	64.76	-13.47	-1.25	-176.85	247.03	103.30	-44.94	-264.53	273.39
40242	65.14	-12.72	-1.25	-135.83	205.64	71.79	-70.52	-222.97	162.28
40243	65.52	-11.98	-1.25	-95.16	171.21	44.81	-91.01	-217.82	95.45
40244	63.89	-12.60	-1.25	-219.15	231.90	-87.47	-53.82	-327.28	252.40
40245	64.35	-12.08	-1.25	-163.99	204.02	-35.30	-84.96	-272.23	167.33
40246	64.81	-11.56	-1.25	-113.63	172.49	-24.10	-104.61	-257.21	110.72
40247	67.48	9.45	1.75	-376.88	-465.40	-2310.66	15.03	-638.40	575.76
40248	66.50	9.41	1.75	-426.56	-473.42	-2297.72	-12.52	-629.31	569.16
40249	65.53	9.37	1.75	-476.27	-480.25	-2308.77	-52.92	-604.83	560.46
40250	67.30	10.36	1.75	-378.94	-499.25	-2496.23	3.60	-648.84	664.06
40251	66.45	10.23	1.75	-411.88	-497.58	-2479.52	-28.49	-641.65	645.80
40252	65.60	10.09	1.75	-443.82	-496.18	-2476.55	-71.54	-621.93	624.49
40253	67.13	11.27	1.75	-368.72	-517.69	-2719.26	-11.41	-655.92	747.80
40254	66.40	11.05	1.75	-385.64	-509.65	-2686.96	-42.76	-649.65	716.36
40255	65.69	10.81	1.75	-401.63	-502.17	-2659.21	-81.82	-633.31	681.52
40256	77.92	9.82	1.75	-2.09	-390.46	-2862.65	-33.13	45.11	651.98
40257	76.86	9.81	1.75	-6.86	-392.75	-2842.16	-15.83	-72.28	650.77
40258	75.80	9.79	1.75	-22.39	-397.01	-2805.31	0.56	-184.57	647.35
40259	74.75	9.77	1.75	-47.92	-403.00	-2753.68	15.47	-288.62	641.78
40260	73.69	9.74	1.75	-82.20	-410.46	-2690.22	28.26	-381.75	634.28
40261	72.64	9.70	1.75	-123.61	-419.05	-2618.76	38.27	-461.85	625.23
40262	71.60	9.66	1.75	-170.36	-428.38	-2543.76	44.73	-527.52	615.11
40263	70.56	9.62	1.75	-220.66	-438.07	-2470.09	46.78	-578.00	604.51
40264	69.52	9.56	1.75	-272.83	-447.70	-2402.83	43.38	-613.13	594.05
40265	68.48	9.50	1.75	-325.55	-456.75	-2347.09	33.20	-633.13	584.22
40266	77.89	11.46	1.75	-50.34	-501.71	-3064.44	-32.80	45.97	851.52
40267	76.79	11.43	1.75	-54.72	-502.16	-3040.59	-10.54	-75.64	846.82
40268	75.69	11.38	1.75	-69.73	-502.79	-3000.99	10.03	-191.29	837.17
40269	74.59	11.31	1.75	-94.34	-503.43	-2947.13	27.91	-297.73	822.90
40270	73.51	11.22	1.75	-126.91	-503.98	-2882.13	42.16	-392.32	804.70
40271	72.43	11.12	1.75	-165.49	-504.30	-2809.84	51.91	-473.13	783.46
40272	71.37	10.99	1.75	-207.98	-504.22	-2734.53	56.31	-539.00	760.13
40273	70.31	10.85	1.75	-252.38	-503.62	-2660.64	54.50	-589.40	735.62
40274	69.27	10.69	1.75	-296.97	-502.39	-2592.48	45.58	-624.34	710.67
40275	68.24	10.52	1.75	-340.42	-500.61	-2534.01	28.32	-644.03	685.73
40276	77.87	13.10	1.75	-112.21	-605.22	-3313.63	-32.39	49.17	1048.78
40277	76.72	13.05	1.75	-115.37	-603.65	-3287.11	-7.08	-74.57	1041.21
40278	75.58	12.97	1.75	-128.24	-599.87	-3246.26	15.91	-192.01	1026.21
40279	74.45	12.86	1.75	-149.65	-593.92	-3192.23	35.22	-299.97	1004.28
40280	73.34	12.72	1.75	-177.77	-586.00	-3127.77	49.64	-395.86	976.42
40281	72.24	12.54	1.75	-210.42	-576.35	-3056.23	58.16	-477.84	943.78
40282	71.15	12.33	1.75	-245.35	-565.23	-2981.17	59.89	-544.75	907.53
40283	70.08	12.10	1.75	-280.41	-552.97	-2906.10	54.09	-596.03	868.64
40284	69.03	11.83	1.75	-313.79	-539.97	-2834.18	39.99	-631.52	827.82
40285	68.00	11.54	1.75	-344.32	-527.26	-2767.84	16.92	-651.20	785.27
40286	77.85	14.74	1.75	-188.10	-668.53	-3670.85	-32.65	55.08	1250.39
40287	76.67	14.68	1.75	-189.31	-665.27	-3641.65	-7.97	-69.17	1240.24
40288	75.49	14.57	1.75	-198.36	-657.06	-3598.92	14.10	-187.13	1219.90
40289	74.33	14.42	1.75	-214.07	-644.33	-3543.37	31.92	-295.71	1189.94
40290	73.18	14.22	1.75	-234.63	-627.73	-3477.01	44.15	-392.30	1151.46
40291	72.05	13.97	1.75	-257.91	-608.01	-3402.17	49.71	-474.94	1105.70
40292	70.94	13.68	1.75	-281.68	-586.06	-3321.27	47.86	-542.25	1053.88
40293	69.86	13.35	1.75	-303.86	-562.87	-3236.53	38.07	-593.38	997.07



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]
40294	68.80	12.98	1.75	-322.77	-539.60	-3149.66	20.05	-627.88	936.02
40295	67.77	12.56	1.75	-337.39	-517.61	-3061.57	-6.26	-645.70	871.28
40296	77.84	16.38	1.75	-263.04	-601.05	-4178.86	-34.85	65.62	1399.04
40297	76.62	16.31	1.75	-261.59	-597.86	-4144.86	-18.26	-54.04	1386.69
40298	75.41	16.17	1.75	-264.89	-588.51	-4094.95	-3.89	-167.77	1360.56
40299	74.21	15.98	1.75	-272.05	-573.81	-4029.64	6.73	-272.43	1321.57
40300	73.04	15.73	1.75	-281.71	-554.86	-3950.10	12.40	-365.32	1271.04
40301	71.88	15.41	1.75	-292.22	-532.95	-3857.71	12.32	-444.35	1210.55
40302	70.75	15.04	1.75	-301.95	-509.56	-3753.93	6.10	-508.01	1141.75
40303	69.65	14.61	1.75	-309.50	-486.32	-3640.05	-6.29	-555.41	1066.36
40304	68.58	14.13	1.75	-313.96	-464.95	-3517.15	-24.55	-586.23	985.95
40305	67.55	13.59	1.75	-315.06	-446.99	-3385.85	-48.25	-600.84	901.87
40306	77.82	18.02	1.75	-322.82	-435.14	-4750.02	-35.52	83.44	1360.11
40307	76.57	17.94	1.75	-319.32	-434.79	-4708.80	-30.05	-19.19	1348.82
40308	75.34	17.78	1.75	-317.88	-430.92	-4646.06	-25.68	-117.25	1323.27
40309	74.11	17.55	1.75	-318.09	-424.16	-4562.50	-23.26	-208.14	1284.53
40310	72.91	17.24	1.75	-319.31	-415.41	-4459.03	-23.43	-289.63	1234.11
40311	71.73	16.86	1.75	-320.79	-405.77	-4336.87	-26.60	-360.07	1173.83
40312	70.57	16.40	1.75	-321.82	-396.44	-4197.48	-32.88	-418.37	1105.73
40313	69.45	15.88	1.75	-321.84	-388.70	-4042.51	-42.17	-464.08	1031.93
40314	68.37	15.29	1.75	-320.52	-383.83	-3873.68	-54.25	-497.35	954.47
40315	67.34	14.63	1.75	-318.11	-383.28	-3692.96	-68.94	-518.84	875.04
40316	62.67	9.51	1.75	-761.02	-742.02	-2449.49	-480.36	-402.95	466.18
40317	63.26	10.51	1.75	-342.20	-555.39	-2658.19	-237.54	-526.45	498.49
40318	63.91	11.47	1.75	-326.80	-471.09	-2898.87	-161.78	-533.96	572.26
40319	63.62	9.44	1.75	-588.06	-502.64	-2409.87	-223.00	-498.91	504.02
40320	64.03	10.31	1.75	-442.97	-514.98	-2613.21	-221.43	-543.98	573.64
40321	64.48	11.15	1.75	-337.72	-478.96	-2808.12	-166.10	-570.39	622.18
40322	64.57	9.37	1.75	-525.58	-490.68	-2355.75	-117.82	-564.77	544.76
40323	64.80	10.12	1.75	-461.65	-497.12	-2527.43	-134.74	-591.61	606.19
40324	65.05	10.84	1.75	-392.68	-495.93	-2705.76	-128.06	-608.86	656.82
40325	66.37	13.92	1.75	-316.01	-388.57	-3504.75	-84.99	-530.75	798.54
40326	66.64	13.04	1.75	-314.01	-436.74	-3252.49	-73.76	-602.40	824.01
40327	66.91	12.16	1.75	-346.54	-501.02	-2981.63	-35.46	-648.10	813.29
40328	65.49	13.17	1.75	-314.24	-401.89	-3311.49	-103.20	-536.54	723.63
40329	65.85	12.48	1.75	-313.69	-437.27	-3118.57	-99.69	-595.74	752.62
40330	66.21	11.79	1.75	-352.60	-491.57	-2908.79	-65.50	-640.80	761.36
40331	64.65	12.36	1.75	-312.25	-425.34	-3111.91	-126.92	-537.05	648.89
40332	65.09	11.88	1.75	-316.73	-447.45	-2979.42	-129.76	-581.37	681.61
40333	65.52	11.40	1.75	-359.02	-488.17	-2833.86	-101.08	-624.44	706.49
40334	67.19	9.46	0.25	-355.44	-559.59	-2147.33	75.46	-570.96	526.08
40335	66.19	9.42	0.25	-396.44	-584.46	-2155.19	64.97	-577.35	544.72
40336	65.19	9.37	0.25	-431.99	-611.41	-2190.68	46.38	-578.96	570.55
40337	66.98	10.39	0.25	-384.82	-625.81	-2330.06	79.65	-600.40	638.75
40338	66.11	10.26	0.25	-414.41	-638.07	-2336.64	64.43	-610.24	648.93
40339	65.25	10.12	0.25	-439.27	-650.66	-2363.83	41.11	-614.54	663.26
40340	66.79	11.33	0.25	-410.91	-688.18	-2563.03	81.41	-638.74	766.38
40341	66.06	11.10	0.25	-427.25	-687.40	-2557.83	63.37	-649.45	761.87
40342	65.33	10.86	0.25	-438.62	-684.43	-2564.55	37.58	-654.43	759.33
40343	77.90	9.85	0.25	-29.26	-434.73	-2538.13	-25.59	40.87	524.05
40344	76.81	9.83	0.25	-31.76	-437.03	-2521.64	-6.33	-60.50	523.41
40345	75.72	9.81	0.25	-44.11	-441.84	-2492.73	11.97	-157.14	521.63
40346	74.63	9.79	0.25	-65.60	-449.08	-2453.09	28.99	-246.66	518.94
40347	73.55	9.76	0.25	-95.08	-458.60	-2405.06	44.33	-327.00	515.68
40348	72.48	9.72	0.25	-131.18	-470.30	-2351.75	57.60	-396.60	512.38
40349	71.40	9.68	0.25	-172.37	-484.07	-2296.75	68.34	-454.46	509.73
40350	70.34	9.63	0.25	-217.07	-499.87	-2244.07	76.10	-500.23	508.61
40351	69.27	9.57	0.25	-263.67	-517.70	-2198.06	80.33	-534.19	510.09
40352	68.22	9.51	0.25	-310.61	-537.47	-2163.39	80.38	-557.26	515.46
40353	77.87	11.54	0.25	-87.90	-568.76	-2745.36	-26.19	41.50	714.87
40354	76.72	11.51	0.25	-89.74	-568.92	-2724.60	-1.13	-65.69	710.80
40355	75.58	11.45	0.25	-101.74	-570.38	-2691.51	22.19	-167.04	703.65
40356	74.45	11.37	0.25	-122.86	-573.10	-2648.14	43.17	-260.21	694.01
40357	73.33	11.28	0.25	-151.60	-577.01	-2597.00	61.24	-343.31	682.64
40358	72.23	11.17	0.25	-186.24	-582.10	-2541.26	75.84	-415.04	670.49
40359	71.14	11.04	0.25	-225.01	-588.36	-2484.45	86.49	-474.78	658.64
40360	70.06	10.89	0.25	-266.13	-595.80	-2430.37	92.71	-522.49	648.26
40361	68.99	10.73	0.25	-307.93	-604.43	-2382.92	93.99	-558.69	640.51
40362	67.94	10.55	0.25	-348.75	-614.30	-2346.24	89.57	-584.37	636.51
40363	77.85	13.25	0.25	-165.71	-718.54	-3001.74	-26.78	44.14	922.82
40364	76.64	13.19	0.25	-166.28	-716.60	-2977.75	3.37	-67.78	916.29
40365	75.46	13.10	0.25	-176.66	-713.98	-2942.30	31.13	-173.44	904.93
40366	74.29	12.98	0.25	-195.63	-710.83	-2897.37	55.66	-270.64	889.59
40367	73.14	12.82	0.25	-221.48	-707.29	-2845.26	76.14	-357.65	871.31
40368	72.01	12.64	0.25	-252.30	-703.54	-2788.84	91.90	-433.37	851.28
40369	70.89	12.42	0.25	-286.08	-699.72	-2731.33	102.34	-497.32	830.75
40370	69.80	12.18	0.25	-320.88	-695.98	-2676.07	106.90	-549.53	810.96
40371	68.73	11.90	0.25	-354.88	-692.44	-2626.41	105.02	-590.42	792.94
40372	67.68	11.60	0.25	-386.28	-689.41	-2585.79	95.97	-620.38	777.17
40373	77.83	14.95	0.25	-265.51	-870.89	-3347.68	-28.02	49.07	1169.70
40374	76.58	14.88	0.25	-264.12	-866.80	-3320.75	5.42	-67.79	1160.96
40375	75.36	14.76	0.25	-271.60	-859.36	-3284.02	36.07	-178.51	1145.93
40376	74.16	14.59	0.25	-286.59	-848.93	-3238.97	62.80	-281.06	1125.42
40377	72.97	14.38	0.25	-307.29	-835.89	-3187.40	84.54	-373.83	1100.42
40378	71.81	14.12	0.25	-331.67	-820.65	-3131.62	100.39	-455.68	1072.03
40379	70.68	13.82	0.25	-357.57	-803.60	-3074.20	109.60	-525.96	1041.31
40380	69.57	13.48	0.25	-382.77	-785.09	-3017.72	111.47	-584.34	1009.14
40381	68.49	13.09	0.25	-405.20	-765.39	-2964.66	105.35	-630.74	976.09
40382	67.44	12.67	0.25	-423.10	-745.03	-2916.90	90.84	-664.95	942.36
40383	77.81	16.65	0.25	-408.26	-988.13	-3991.18	-31.45	56.41	1534.21
40384	76.54	16.57	0.25	-404.33	-982.55	-3959.72	-0.35	-69.29	1522.42
40385	75.28	16.43	0.25	-406.57	-969.38	-3919.04	28.08	-189.07	1500.32
40386	74.05	16.22	0.25	-413.83	-949.49	-3869.64	52.15	-300.57	1468.61
40387	72.83	15.96	0.25	-424.40	-923.68	-3812.30	70.45	-401.80	1428.16
40388	71.65	15.63	0.25	-436.27	-892.86	-3748.09	81.87	-491.10	1379.89
40389	70.49	15.24	0.25	-447.21	-858.00	-3678.13	85.59	-567.11	1324.68
40390	69.36	14.80	0.25	-454.96	-820.14	-3603.38	81.04	-628.65	1263.27
40391	68.27	14.30	0.25	-457.11	-780.10	-3524.26	67.68	-674.49	1196.00
40392	67.22	13.74	0.25	-452.42	-738.75	-3441.03	45.61	-704.22	1123.22

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]
40393	77.80	18.36	0.25	-503.62	-587.38	-4971.09	-41.76	79.24	1611.49
40394	76.51	18.28	0.25	-494.44	-585.62	-4929.73	-40.64	-34.22	1598.26
40395	75.23	18.11	0.25	-485.30	-577.81	-4870.76	-40.70	-142.29	1569.36
40396	73.97	17.87	0.25	-475.62	-565.05	-4794.20	-42.97	-242.14	1525.84
40397	72.73	17.54	0.25	-464.55	-548.33	-4700.27	-48.17	-331.37	1469.05
40398	71.51	17.15	0.25	-451.15	-528.80	-4589.33	-56.80	-407.94	1400.58
40399	70.33	16.67	0.25	-434.46	-507.71	-4461.83	-69.02	-470.25	1322.19
40400	69.18	16.13	0.25	-413.72	-486.30	-4318.21	-84.71	-517.13	1235.72
40401	68.07	15.51	0.25	-388.43	-466.04	-4158.80	-103.44	-547.86	1143.12
40402	67.01	14.83	0.25	-357.48	-446.34	-3983.79	-125.97	-561.12	1045.22
40403	62.26	9.53	0.25	-449.53	-678.98	-2597.94	-298.23	-377.99	631.42
40404	62.86	10.56	0.25	-253.27	-566.48	-2840.59	-214.52	-509.07	650.37
40405	63.51	11.56	0.25	-257.31	-490.67	-3124.90	-199.70	-521.89	702.61
40406	63.24	9.45	0.25	-467.71	-658.89	-2444.34	-67.21	-561.48	652.87
40407	63.65	10.35	0.25	-432.64	-677.16	-2693.99	-79.70	-628.95	750.13
40408	64.10	11.22	0.25	-395.37	-656.97	-2942.56	-63.65	-674.71	822.21
40409	64.21	9.38	0.25	-457.24	-643.30	-2278.03	9.50	-580.63	609.93
40410	64.43	10.15	0.25	-452.07	-666.87	-2469.48	0.36	-625.27	701.92
40411	64.68	10.90	0.25	-437.17	-685.00	-2682.24	0.40	-667.09	787.80
40412	66.03	14.10	0.25	-324.73	-433.05	-3793.60	-148.83	-560.17	950.12
40413	66.29	13.17	0.25	-442.03	-703.16	-3348.39	19.43	-717.24	1051.00
40414	66.56	12.26	0.25	-433.16	-726.97	-2875.87	71.16	-683.89	911.58
40415	65.12	13.31	0.25	-295.29	-433.99	-3589.02	-167.15	-552.86	859.45
40416	65.48	12.59	0.25	-425.02	-676.37	-3244.95	-9.22	-713.91	978.09
40417	65.85	11.88	0.25	-435.30	-711.37	-2840.40	47.92	-691.62	881.17
40418	64.27	12.48	0.25	-266.43	-443.63	-3370.51	-187.86	-535.28	770.72
40419	64.71	11.97	0.25	-403.04	-652.85	-3132.28	-42.79	-695.58	900.85
40420	65.16	11.48	0.25	-432.30	-697.59	-2809.14	18.01	-689.42	846.69
40421	66.90	9.48	-1.25	-302.90	-596.50	-1976.52	133.91	-488.61	414.25
40422	65.88	9.43	-1.25	-341.89	-642.45	-1983.70	144.46	-500.29	439.63
40423	64.86	9.39	-1.25	-380.12	-699.22	-2010.51	156.88	-514.49	477.55
40424	66.69	10.44	-1.25	-358.52	-697.44	-2139.60	160.19	-515.87	522.25
40425	65.80	10.31	-1.25	-393.63	-733.55	-2144.20	170.06	-531.76	543.12
40426	64.92	10.16	-1.25	-427.95	-777.62	-2164.95	180.30	-548.46	574.58
40427	66.49	11.41	-1.25	-426.62	-818.93	-2343.47	193.92	-555.71	652.54
40428	65.74	11.18	-1.25	-454.81	-840.08	-2338.17	201.59	-575.01	663.21
40429	64.99	10.93	-1.25	-482.19	-867.47	-2343.68	209.06	-596.37	685.47
40430	77.89	9.88	-1.25	-23.98	-423.90	-2261.41	-16.29	33.90	387.25
40431	76.77	9.86	-1.25	-24.37	-426.15	-2248.78	3.74	-51.95	387.46
40432	75.65	9.84	-1.25	-33.74	-431.41	-2227.02	22.99	-133.69	386.88
40433	74.54	9.82	-1.25	-51.27	-439.67	-2197.32	41.30	-209.36	385.76
40434	73.43	9.78	-1.25	-75.94	-450.93	-2161.62	58.47	-277.25	384.47
40435	72.32	9.74	-1.25	-106.57	-465.25	-2122.28	74.32	-336.04	383.51
40436	71.23	9.70	-1.25	-141.84	-482.83	-2082.04	88.74	-384.93	383.55
40437	70.13	9.65	-1.25	-180.40	-504.05	-2043.92	101.72	-423.74	385.43
40438	69.04	9.59	-1.25	-220.94	-529.46	-2011.10	113.34	-452.91	390.23
40439	67.96	9.53	-1.25	-262.26	-559.84	-1986.86	123.94	-473.78	399.32
40440	77.86	11.64	-1.25	-88.02	-570.43	-2468.56	-18.03	34.76	555.63
40441	76.67	11.60	-1.25	-87.51	-570.82	-2451.31	8.32	-56.21	552.88
40442	75.50	11.54	-1.25	-96.64	-573.52	-2424.97	33.28	-142.14	547.89
40443	74.34	11.46	-1.25	-114.20	-578.48	-2390.76	56.51	-221.07	541.13
40444	73.20	11.36	-1.25	-138.91	-585.80	-2350.66	77.70	-291.42	533.27
40445	72.07	11.25	-1.25	-169.35	-595.66	-2307.06	96.67	-352.13	525.18
40446	70.95	11.11	-1.25	-204.08	-608.32	-2262.63	113.35	-402.71	517.88
40447	69.84	10.96	-1.25	-241.68	-624.22	-2220.20	127.80	-443.28	512.49
40448	68.75	10.79	-1.25	-280.83	-643.94	-2182.70	140.20	-474.57	510.28
40449	67.67	10.61	-1.25	-320.45	-668.17	-2153.11	150.84	-498.13	512.71
40450	77.83	13.40	-1.25	-173.96	-753.40	-2712.74	-19.82	37.25	740.35
40451	76.59	13.34	-1.25	-172.12	-751.77	-2691.84	13.40	-57.98	735.56
40452	75.38	13.25	-1.25	-180.17	-751.31	-2662.36	44.74	-147.74	727.14
40453	74.18	13.12	-1.25	-196.77	-752.05	-2625.27	73.71	-230.25	715.78
40454	73.00	12.96	-1.25	-220.48	-754.20	-2582.40	99.91	-304.14	702.47
40455	71.83	12.77	-1.25	-249.74	-758.10	-2535.91	123.09	-368.54	688.36
40456	70.69	12.54	-1.25	-283.06	-764.16	-2488.23	143.16	-423.21	674.73
40457	69.57	12.29	-1.25	-319.03	-772.86	-2441.91	160.21	-468.42	663.00
40458	68.47	12.01	-1.25	-356.35	-784.90	-2399.66	174.47	-504.97	654.63
40459	67.40	11.69	-1.25	-393.64	-800.77	-2364.16	185.89	-533.92	650.77
40460	77.81	15.17	-1.25	-294.52	-992.50	-3050.01	-22.20	41.69	968.41
40461	76.53	15.09	-1.25	-291.09	-988.80	-3026.07	18.89	-58.41	961.98
40462	75.27	14.97	-1.25	-297.51	-984.66	-2993.73	57.75	-153.23	950.90
40463	74.04	14.80	-1.25	-312.36	-980.14	-2953.74	93.82	-241.19	935.95
40464	72.82	14.58	-1.25	-334.18	-975.59	-2907.62	126.54	-321.09	918.26
40465	71.63	14.31	-1.25	-361.43	-971.43	-2857.25	155.53	-392.24	899.12
40466	70.46	14.00	-1.25	-392.55	-968.17	-2804.82	180.56	-454.48	879.97
40467	69.33	13.64	-1.25	-426.03	-966.33	-2752.77	201.57	-508.18	862.36
40468	68.22	13.24	-1.25	-460.55	-966.45	-2703.70	218.59	-554.11	847.87
40469	67.15	12.80	-1.25	-494.78	-969.85	-2660.16	231.68	-593.08	838.16
40470	77.79	16.93	-1.25	-460.25	-1346.25	-3465.56	-24.94	48.39	1304.67
40471	76.48	16.85	-1.25	-455.05	-1338.91	-3438.51	27.16	-60.95	1295.93
40472	75.19	16.70	-1.25	-459.70	-1328.18	-3405.89	76.73	-165.39	1282.68
40473	73.92	16.49	-1.25	-472.90	-1314.37	-3367.99	122.85	-263.87	1265.36
40474	72.68	16.21	-1.25	-493.15	-1297.86	-3325.90	164.62	-355.50	1244.82
40475	71.46	15.87	-1.25	-518.82	-1279.12	-3281.16	201.28	-439.66	1222.09
40476	70.27	15.47	-1.25	-548.11	-1258.74	-3235.69	232.23	-516.09	1198.30
40477	69.11	15.01	-1.25	-579.17	-1237.37	-3191.81	257.02	-584.91	1174.58
40478	67.99	14.49	-1.25	-609.87	-1215.61	-3152.37	275.14	-646.65	1152.27
40479	66.91	13.91	-1.25	-638.45	-1194.30	-3118.49	286.51	-701.48	1132.10
40480	77.78	18.70	-1.25	-896.25	-1873.85	-5424.80	-40.50	61.27	2386.58
40481	76.45	18.62	-1.25	-885.22	-1863.97	-5385.50	14.99	-97.40	2369.88
40482	75.14	18.44	-1.25	-881.16	-1844.62	-5336.75	68.04	-250.34	2340.09
40483	73.84	18.19	-1.25	-882.77	-1816.50	-5277.88	117.13	-395.64	2297.61
40484	72.56	17.85	-1.25	-888.48	-1780.41	-5208.77	160.94	-531.34	2243.40
40485	71.31	17.44	-1.25	-896.48	-1737.36	-5129.49	198.38	-655.72	2178.59
40486	70.10	16.95	-1.25	-904.75	-1688.50	-5040.26	228.64	-767.28	2104.46
40487	68.92	16.39	-1.25	-911.14	-1635.07	-4941.23	251.18	-864.75	2022.39
40488	67.79	15.75	-1.25	-913.45	-1578.37	-4832.68	265.85	-947.12	1933.74
40489	66.70	15.04	-1.25	-908.65	-1518.61	-4715.27	272.09	-1014.18	1840.84
40490	61.85	9.55	-1.25	-517.75	-1093.12	-2908.49	177.03	-720.32	1032.84
40491	62.46	10.62	-1.25	-650.03	-1161.12	-3382.06	214.88	-949.02	1187.66

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]
40492	63.12	11.65	-1.25	-746.47	-1250.55	-3832.01	235.32	-1040.92	1355.56
40493	62.85	9.47	-1.25	-467.72	-888.93	-2250.78	201.70	-606.78	679.82
40494	63.27	10.40	-1.25	-555.86	-972.77	-2510.85	222.80	-682.17	820.64
40495	63.73	11.30	-1.25	-622.31	-1061.08	-2805.13	253.62	-764.80	959.96
40496	63.85	9.40	-1.25	-422.11	-781.61	-2082.96	175.01	-546.46	548.07
40497	64.08	10.19	-1.25	-478.14	-853.31	-2260.87	199.10	-592.28	653.99
40498	64.33	10.96	-1.25	-533.37	-936.19	-2464.94	226.18	-644.59	769.17
40499	65.69	14.28	-1.25	-890.96	-1455.61	-4565.33	270.65	-1061.77	1740.71
40500	65.96	13.32	-1.25	-658.41	-1171.72	-3077.14	290.12	-741.95	1108.61
40501	66.25	12.37	-1.25	-522.42	-974.02	-2624.80	239.61	-622.27	832.65
40502	64.76	13.47	-1.25	-860.52	-1391.94	-4379.43	263.35	-1082.85	1628.16
40503	65.14	12.72	-1.25	-664.59	-1145.92	-3029.47	285.71	-770.23	1078.80
40504	65.52	11.98	-1.25	-541.09	-975.37	-2597.67	242.92	-645.26	827.99
40505	63.89	12.60	-1.25	-818.80	-1329.23	-4169.49	250.17	-1083.33	1513.47
40506	64.35	12.08	-1.25	-660.94	-1121.80	-2985.81	274.84	-791.38	1051.62
40507	64.81	11.56	-1.25	-555.30	-977.35	-2579.78	241.65	-665.19	825.04
40508	89.42	-9.45	1.75	-117.49	-14.33	90.14	-15.54	167.52	-32.37
40509	90.40	-9.41	1.75	-125.83	-17.13	64.19	-23.43	175.18	-6.43
40510	91.37	-9.37	1.75	-129.75	-22.25	29.07	-32.32	179.70	19.53
40511	89.60	-10.36	1.75	-108.48	-0.34	191.72	-22.11	132.18	5.15
40512	90.45	-10.23	1.75	-114.45	-5.15	155.63	-28.21	140.78	22.94
40513	91.30	-10.09	1.75	-117.56	-11.51	112.67	-35.05	147.78	40.95
40514	89.77	-11.27	1.75	-98.25	12.02	294.53	-28.31	97.38	46.28
40515	90.50	-11.05	1.75	-102.75	5.15	248.22	-32.44	107.10	54.89
40516	91.21	-10.81	1.75	-105.07	-2.08	196.93	-37.81	116.18	64.50
40517	78.98	-9.82	1.75	-19.20	-28.36	163.10	-14.71	31.72	-208.51
40518	80.04	-9.81	1.75	-26.59	-27.89	168.75	-9.09	46.78	-202.61
40519	81.10	-9.79	1.75	-34.31	-26.52	171.32	-4.47	61.22	-193.50
40520	82.15	-9.77	1.75	-42.46	-24.42	170.90	-0.97	75.42	-181.39
40521	83.21	-9.74	1.75	-51.23	-21.84	167.69	1.31	89.62	-166.47
40522	84.26	-9.70	1.75	-60.79	-19.04	161.92	2.26	103.86	-148.94
40523	85.30	-9.66	1.75	-71.27	-16.36	153.69	1.77	118.07	-129.04
40524	86.34	-9.62	1.75	-82.65	-14.12	142.89	-0.25	131.97	-107.08
40525	87.38	-9.56	1.75	-94.68	-12.72	129.06	-3.83	145.23	-83.39
40526	88.42	-9.50	1.75	-106.81	-12.54	111.28	-8.98	157.41	-58.42
40527	79.01	-11.46	1.75	-28.22	7.41	381.10	-16.70	17.46	-117.82
40528	80.11	-11.43	1.75	-34.39	7.31	383.55	-12.93	26.75	-113.72
40529	81.21	-11.38	1.75	-40.58	7.68	380.46	-10.02	35.92	-107.47
40530	82.31	-11.31	1.75	-46.96	8.33	372.09	-7.97	45.52	-99.25
40531	83.39	-11.22	1.75	-53.81	9.05	358.84	-6.80	55.96	-89.12
40532	84.47	-11.12	1.75	-61.39	9.60	341.12	-6.57	67.41	-77.14
40533	85.53	-10.99	1.75	-69.90	9.69	319.25	-7.37	79.87	-63.38
40534	86.59	-10.85	1.75	-79.37	9.03	293.27	-9.28	93.13	-47.99
40535	87.63	-10.69	1.75	-89.57	7.31	262.90	-12.43	106.89	-31.20
40536	88.66	-10.52	1.75	-99.98	4.21	227.41	-16.83	120.71	-13.30
40537	79.03	-13.10	1.75	-33.77	46.33	592.39	-18.46	3.04	-14.69
40538	80.18	-13.05	1.75	-38.69	45.45	592.41	-16.65	6.97	-12.57
40539	81.32	-12.97	1.75	-43.45	44.41	584.69	-15.50	11.20	-9.56
40540	82.45	-12.86	1.75	-48.28	43.03	569.57	-14.90	16.44	-5.77
40541	83.56	-12.72	1.75	-53.50	41.20	547.53	-14.81	23.23	-1.14
40542	84.66	-12.54	1.75	-59.43	38.75	519.06	-15.23	31.87	4.44
40543	85.75	-12.33	1.75	-66.28	35.51	484.54	-16.25	42.45	11.05
40544	86.82	-12.10	1.75	-74.09	31.29	444.10	-18.00	54.87	18.71
40545	87.87	-11.83	1.75	-82.65	25.88	397.58	-20.64	68.87	27.39
40546	88.90	-11.54	1.75	-91.47	19.22	344.54	-24.33	84.16	36.83
40547	79.05	-14.74	1.75	-34.89	81.56	808.40	-19.40	-11.76	101.43
40548	80.23	-14.68	1.75	-38.63	79.87	806.60	-19.41	-12.78	101.48
40549	81.41	-14.57	1.75	-42.21	77.21	794.84	-19.85	-13.16	100.85
40550	82.57	-14.42	1.75	-45.87	73.54	773.44	-20.55	-12.03	99.53
40551	83.72	-14.22	1.75	-49.92	68.83	742.88	-21.38	-8.74	97.74
40552	84.85	-13.97	1.75	-54.64	63.08	703.63	-22.36	-2.84	95.73
40553	85.96	-13.68	1.75	-60.24	56.29	656.09	-23.58	5.87	93.76
40554	87.04	-13.35	1.75	-66.73	48.43	600.44	-25.20	17.37	92.11
40555	88.10	-12.98	1.75	-73.89	39.50	536.69	-27.47	31.42	91.00
40556	89.13	-12.56	1.75	-81.18	29.43	464.59	-30.67	47.57	90.82
40557	79.06	-16.38	1.75	-33.62	92.97	1036.01	-18.36	-26.77	217.62
40558	80.28	-16.31	1.75	-36.49	90.79	1032.63	-19.52	-31.71	215.58
40559	81.49	-16.17	1.75	-39.32	87.21	1016.51	-20.94	-35.71	211.05
40560	82.69	-15.98	1.75	-42.28	82.26	988.01	-22.44	-37.86	204.20
40561	83.86	-15.73	1.75	-45.59	76.06	947.61	-23.93	-37.39	195.43
40562	85.02	-15.41	1.75	-49.47	68.74	895.83	-25.43	-33.77	185.21
40563	86.15	-15.04	1.75	-54.01	60.45	833.19	-27.05	-26.73	174.13
40564	87.25	-14.61	1.75	-59.16	51.31	760.17	-29.01	-16.28	162.75
40565	88.32	-14.13	1.75	-64.66	41.39	677.13	-31.54	-2.69	151.70
40566	89.35	-13.59	1.75	-70.07	30.63	584.43	-34.87	13.48	141.56
40567	79.08	-18.02	1.75	-31.51	89.41	1249.29	-15.25	-41.03	304.74
40568	80.33	-17.94	1.75	-33.77	87.35	1244.45	-18.13	-47.75	301.31
40569	81.56	-17.78	1.75	-35.81	84.06	1224.04	-21.17	-53.53	294.32
40570	82.79	-17.55	1.75	-37.76	79.58	1188.43	-24.24	-57.52	284.09
40571	83.99	-17.24	1.75	-39.78	74.01	1138.20	-27.24	-59.02	271.09
40572	85.17	-16.86	1.75	-42.05	67.46	1074.04	-30.16	-57.52	255.93
40573	86.33	-16.40	1.75	-44.68	60.02	996.78	-33.05	-52.70	239.31
40574	87.45	-15.88	1.75	-47.71	51.78	907.30	-36.01	-44.47	221.94
40575	88.53	-15.29	1.75	-51.07	42.76	806.55	-39.13	-32.93	204.49
40576	89.56	-14.63	1.75	-54.57	32.82	695.35	-42.50	-18.50	187.69
40577	94.23	-9.51	1.75	-84.68	-45.58	-106.08	-60.30	128.42	106.34
40578	93.64	-10.51	1.75	-77.86	-29.89	42.11	-58.14	95.13	117.11
40579	92.99	-11.47	1.75	-71.63	-15.25	186.08	-56.09	64.98	130.12
40580	93.28	-9.44	1.75	-105.41	-35.44	-54.20	-53.21	158.67	77.58
40581	92.87	-10.31	1.75	-94.96	-22.62	65.13	-51.71	122.92	91.28
40582	92.42	-11.15	1.75	-86.02	-11.32	182.71	-49.82	90.21	106.50
40583	92.33	-9.37	1.75	-123.99	-28.54	-10.96	-42.80	176.21	48.07
40584	92.10	-10.12	1.75	-111.30	-17.29	81.86	-43.39	142.92	64.06
40585	91.85	-10.84	1.75	-100.33	-7.64	174.81	-43.31	111.42	81.78
40586	90.53	-13.92	1.75	-58.70	22.51	577.26	-46.21	-1.60	171.72
40587	90.26	-13.04	1.75	-75.02	20.46	489.46	-38.62	30.52	132.27
40588	89.99	-12.16	1.75	-87.15	19.98	394.60	-34.26	62.67	90.65
40589	91.41	-13.17	1.75	-62.76	10.80	453.82	-49.88	18.03	157.25
40590	91.05	-12.48	1.75	-78.59	10.12	393.95	-42.51	47.95	124.40

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]
40591	90.70	-11.79	1.75	-91.04	11.06	328.50	-37.52	76.00	90.46
40592	92.25	-12.36	1.75	-67.05	-1.68	323.45	-53.21	39.36	144.03
40593	91.81	-11.88	1.75	-81.25	-0.64	292.82	-46.72	65.86	117.97
40594	91.38	-11.40	1.75	-93.67	1.14	257.86	-41.28	89.74	90.59
40595	89.71	-9.46	0.25	-132.23	0.79	47.03	-21.87	157.80	-61.96
40596	90.71	-9.42	0.25	-149.40	-4.75	18.21	-29.95	168.60	-35.92
40597	91.71	-9.37	0.25	-164.42	-13.29	-22.17	-38.87	180.24	-9.14
40598	89.92	-10.39	0.25	-124.45	17.81	138.31	-28.41	126.23	-22.18
40599	90.79	-10.26	0.25	-138.10	10.60	100.51	-34.81	138.00	-3.60
40600	91.65	-10.12	0.25	-150.42	0.97	53.78	-41.75	151.30	15.58
40601	90.11	-11.33	0.25	-114.30	35.27	231.67	-35.29	94.68	24.16
40602	90.84	-11.10	0.25	-125.22	25.71	184.90	-39.65	107.51	33.66
40603	91.57	-10.86	0.25	-134.98	14.78	131.40	-45.00	122.08	44.22
40604	79.00	-9.85	0.25	2.37	1.47	116.64	-14.03	23.74	-228.68
40605	80.09	-9.83	0.25	-5.49	1.56	121.60	-9.16	39.63	-223.92
40606	81.18	-9.81	0.25	-14.47	2.31	124.23	-5.27	54.72	-215.97
40607	82.27	-9.79	0.25	-24.64	3.49	124.53	-2.51	69.22	-204.96
40608	83.35	-9.76	0.25	-36.09	4.89	122.49	-1.00	83.29	-191.09
40609	84.42	-9.72	0.25	-48.95	6.25	118.09	-0.84	96.95	-174.59
40610	85.50	-9.68	0.25	-63.27	7.29	111.15	-2.12	110.19	-155.70
40611	86.56	-9.63	0.25	-79.05	7.66	101.29	-4.89	122.94	-134.70
40612	87.63	-9.57	0.25	-96.17	7.02	87.83	-9.16	135.15	-111.90
40613	88.68	-9.51	0.25	-114.32	4.96	69.64	-14.89	146.87	-87.67
40614	79.03	-11.54	0.25	-7.44	37.84	320.25	-16.69	10.80	-142.78
40615	80.18	-11.51	0.25	-14.04	37.22	321.63	-13.31	21.37	-139.89
40616	81.32	-11.45	0.25	-21.50	36.97	318.39	-10.79	31.54	-134.60
40617	82.45	-11.37	0.25	-29.94	36.88	310.70	-9.22	41.73	-127.00
40618	83.57	-11.28	0.25	-39.54	36.72	298.76	-8.65	52.25	-117.22
40619	84.67	-11.17	0.25	-50.50	36.23	282.75	-9.14	63.27	-105.39
40620	85.76	-11.04	0.25	-62.95	35.11	262.68	-10.75	74.88	-91.67
40621	86.84	-10.89	0.25	-76.94	33.03	238.36	-13.52	87.10	-76.22
40622	87.91	-10.73	0.25	-92.38	29.64	209.25	-17.48	99.96	-59.31
40623	88.96	-10.55	0.25	-109.00	24.49	174.37	-22.60	113.60	-41.16
40624	79.05	-13.25	0.25	-13.56	82.05	518.40	-19.37	-2.62	-40.43
40625	80.26	-13.19	0.25	-18.71	80.58	517.29	-17.86	2.63	-39.44
40626	81.44	-13.10	0.25	-24.59	78.96	509.33	-17.03	7.89	-37.12
40627	82.61	-12.98	0.25	-31.33	76.99	494.83	-16.87	13.76	-33.48
40628	83.76	-12.82	0.25	-39.20	74.49	474.12	-17.36	20.70	-28.56
40629	84.89	-12.64	0.25	-48.42	71.23	447.50	-18.54	29.01	-22.38
40630	86.01	-12.42	0.25	-59.19	66.97	415.13	-20.43	38.90	-14.94
40631	87.10	-12.18	0.25	-71.59	61.42	376.92	-23.08	50.52	-6.33
40632	88.17	-11.90	0.25	-85.56	54.24	332.48	-26.56	64.02	3.35
40633	89.22	-11.60	0.25	-100.86	45.12	281.00	-30.88	79.75	13.77
40634	79.08	-14.95	0.25	-14.56	132.14	716.78	-21.78	-17.05	81.98
40635	80.32	-14.88	0.25	-18.26	129.74	714.02	-22.41	-17.04	81.08
40636	81.54	-14.76	0.25	-22.62	126.37	702.35	-23.45	-16.64	80.19
40637	82.75	-14.59	0.25	-27.83	121.90	682.13	-24.81	-15.10	79.34
40638	83.93	-14.38	0.25	-34.17	116.23	653.73	-26.41	-11.82	78.58
40639	85.09	-14.12	0.25	-41.90	109.23	617.48	-28.24	-6.30	78.01
40640	86.22	-13.82	0.25	-51.25	100.74	573.54	-30.31	1.81	77.69
40641	87.33	-13.48	0.25	-62.31	90.57	521.87	-32.70	12.81	77.70
40642	88.41	-13.09	0.25	-74.99	78.51	462.07	-35.52	26.95	78.06
40643	89.46	-12.67	0.25	-88.95	64.31	393.22	-38.96	44.54	78.96
40644	79.09	-16.65	0.25	-4.50	181.37	958.03	-23.35	-34.30	242.17
40645	80.36	-16.57	0.25	-6.90	178.09	954.03	-25.77	-39.72	239.25
40646	81.62	-16.43	0.25	-10.18	172.54	938.60	-28.35	-44.38	234.05
40647	82.85	-16.22	0.25	-14.51	164.76	912.00	-30.88	-47.29	226.70
40648	84.07	-15.96	0.25	-20.15	154.84	874.49	-33.21	-47.62	217.42
40649	85.25	-15.63	0.25	-27.33	142.83	826.30	-35.31	-44.67	206.47
40650	86.41	-15.24	0.25	-36.21	128.80	767.53	-37.22	-37.87	194.20
40651	87.54	-14.80	0.25	-46.81	112.82	698.09	-39.10	-26.81	180.95
40652	88.63	-14.30	0.25	-58.92	94.91	617.62	-41.15	-11.25	167.15
40653	89.68	-13.74	0.25	-71.90	75.05	525.55	-43.72	8.76	153.34
40654	79.10	-18.36	0.25	-0.85	120.74	1244.51	-18.25	-51.21	347.53
40655	80.39	-18.28	0.25	-3.03	117.91	1238.87	-18.86	-57.30	342.94
40656	81.67	-18.11	0.25	-6.34	113.23	1217.46	-19.65	-62.41	334.04
40657	82.93	-17.87	0.25	-10.87	106.85	1180.56	-20.58	-65.59	321.15
40658	84.17	-17.54	0.25	-16.67	98.88	1128.52	-21.68	-65.96	304.74
40659	85.39	-17.15	0.25	-23.71	89.45	1061.78	-23.07	-62.85	285.46
40660	86.57	-16.67	0.25	-31.85	78.68	980.83	-24.89	-55.77	264.05
40661	87.72	-16.13	0.25	-40.77	66.64	886.18	-27.37	-44.49	241.34
40662	88.83	-15.51	0.25	-49.94	53.42	778.37	-30.73	-29.03	218.23
40663	89.89	-14.83	0.25	-58.59	38.64	657.88	-35.00	-9.79	195.66
40664	94.64	-9.53	0.25	-94.08	-58.53	-233.38	-73.82	165.81	95.95
40665	94.04	-10.56	0.25	-85.04	-38.89	-68.70	-68.40	125.57	109.57
40666	93.39	-11.56	0.25	-77.97	-22.46	91.94	-61.96	90.50	124.72
40667	93.66	-9.45	0.25	-161.15	-39.89	-148.51	-60.72	199.30	54.44
40668	93.25	-10.35	0.25	-138.95	-20.17	-25.90	-59.53	156.25	74.42
40669	92.80	-11.22	0.25	-118.58	-2.75	97.88	-57.43	115.91	96.79
40670	92.69	-9.38	0.25	-171.67	-24.30	-73.54	-49.34	191.23	21.48
40671	92.47	-10.15	0.25	-153.25	-8.52	13.50	-50.33	158.28	41.74
40672	92.22	-10.90	0.25	-135.50	6.09	102.56	-50.83	125.98	65.21
40673	90.87	-14.10	0.25	-66.24	23.79	528.39	-40.50	12.11	174.60
40674	90.61	-13.17	0.25	-84.57	55.68	428.33	-46.73	31.41	139.46
40675	90.34	-12.26	0.25	-101.78	50.34	325.14	-42.49	62.59	79.08
40676	91.78	-13.31	0.25	-71.69	8.66	391.37	-47.41	36.17	156.34
40677	91.42	-12.59	0.25	-95.68	36.38	327.24	-49.92	56.09	126.47
40678	91.05	-11.88	0.25	-112.07	36.61	259.08	-45.52	80.02	78.46
40679	92.63	-12.48	0.25	-74.80	-7.30	245.59	-54.73	61.28	140.41
40680	92.19	-11.97	0.25	-105.04	16.06	217.14	-53.81	82.91	114.71
40681	91.74	-11.48	0.25	-121.63	20.99	186.18	-48.94	100.01	77.82
40682	90.00	-9.48	-1.25	-135.82	14.89	6.24	-23.54	135.31	-95.52
40683	91.02	-9.43	-1.25	-162.92	8.76	-23.86	-31.70	145.22	-70.49
40684	92.04	-9.39	-1.25	-193.36	-0.09	-65.20	-40.62	157.79	-43.81
40685	90.21	-10.44	-1.25	-131.49	35.20	88.54	-30.47	107.71	-56.96
40686	91.10	-10.31	-1.25	-154.82	28.23	50.31	-37.14	119.07	-38.57
40687	91.98	-10.16	-1.25	-181.31	19.05	3.51	-44.13	133.62	-18.80
40688	90.41	-11.41	-1.25	-124.90	59.77	171.19	-39.08	80.98	-11.38
40689	91.16	-11.18	-1.25	-145.10	50.63	125.19	-43.86	93.72	-1.06

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]
40690	91.91	-10.93	-1.25	-167.93	40.45	72.99	-49.25	109.83	10.91
40691	79.01	-9.88	-1.25	27.51	23.88	77.20	-10.81	16.41	-247.80
40692	80.13	-9.86	-1.25	19.41	23.74	81.63	-6.60	31.67	-244.09
40693	81.25	-9.84	-1.25	9.63	24.03	84.17	-3.34	46.02	-237.27
40694	82.36	-9.82	-1.25	-1.87	24.54	84.70	-1.18	59.57	-227.53
40695	83.47	-9.78	-1.25	-15.14	25.09	83.09	-0.25	72.38	-215.05
40696	84.58	-9.74	-1.25	-30.27	25.47	79.14	-0.65	84.48	-200.05
40697	85.67	-9.70	-1.25	-47.34	25.42	72.51	-2.43	95.85	-182.78
40698	86.77	-9.65	-1.25	-66.41	24.68	62.67	-5.65	106.52	-163.48
40699	87.86	-9.59	-1.25	-87.55	22.94	48.85	-10.29	116.54	-142.41
40700	88.94	-9.53	-1.25	-110.89	19.86	29.95	-16.34	126.12	-119.86
40701	79.04	-11.64	-1.25	15.71	58.06	266.16	-14.27	5.16	-168.54
40702	80.23	-11.60	-1.25	9.01	57.32	267.23	-11.19	15.47	-166.56
40703	81.40	-11.54	-1.25	0.80	56.86	264.22	-9.01	25.25	-162.09
40704	82.56	-11.46	-1.25	-8.96	56.48	257.16	-7.82	34.78	-155.35
40705	83.70	-11.36	-1.25	-20.41	55.96	246.11	-7.68	44.28	-146.46
40706	84.83	-11.25	-1.25	-33.71	55.07	231.06	-8.67	53.92	-135.57
40707	85.95	-11.11	-1.25	-49.00	53.55	211.86	-10.81	63.82	-122.85
40708	87.06	-10.96	-1.25	-66.47	51.10	188.19	-14.14	74.07	-108.45
40709	88.15	-10.79	-1.25	-86.28	47.37	159.45	-18.62	84.86	-92.58
40710	89.23	-10.61	-1.25	-108.63	41.94	124.77	-24.23	96.45	-75.39
40711	79.07	-13.40	-1.25	7.23	104.07	448.02	-18.07	-6.54	-73.68
40712	80.31	-13.34	-1.25	2.16	102.53	446.67	-16.74	-1.15	-73.46
40713	81.52	-13.25	-1.25	-4.28	100.94	439.08	-16.15	4.10	-71.69
40714	82.72	-13.12	-1.25	-12.21	99.10	425.41	-16.33	9.64	-68.50
40715	83.90	-12.96	-1.25	-21.79	96.81	405.87	-17.29	15.87	-63.94
40716	85.07	-12.77	-1.25	-33.27	93.85	380.60	-19.06	23.07	-58.06
40717	86.21	-12.54	-1.25	-46.89	89.95	349.62	-21.64	31.50	-50.88
40718	87.33	-12.29	-1.25	-62.93	84.84	312.76	-25.06	41.37	-42.45
40719	88.43	-12.01	-1.25	-81.68	78.14	269.56	-29.29	53.02	-32.84
40720	89.50	-11.69	-1.25	-103.55	69.38	219.43	-34.18	67.00	-22.28
40721	79.09	-15.17	-1.25	5.47	167.88	631.44	-22.38	-19.37	40.99
40722	80.37	-15.09	-1.25	2.18	165.35	628.43	-23.50	-18.76	39.56
40723	81.63	-14.97	-1.25	-2.44	162.18	616.97	-25.11	-17.96	38.50
40724	82.86	-14.80	-1.25	-8.55	158.17	597.32	-27.17	-16.35	37.75
40725	84.08	-14.58	-1.25	-16.39	153.16	569.79	-29.62	-13.40	37.35
40726	85.27	-14.31	-1.25	-26.26	146.96	534.65	-32.44	-8.65	37.41
40727	86.44	-14.00	-1.25	-38.51	139.34	492.04	-35.61	-1.71	37.99
40728	87.57	-13.64	-1.25	-53.52	130.02	441.95	-39.12	7.82	39.22
40729	88.68	-13.24	-1.25	-71.75	118.66	384.03	-42.94	20.45	41.19
40730	89.75	-12.80	-1.25	-93.69	104.91	317.66	-47.02	36.86	44.11
40731	79.11	-16.93	-1.25	13.02	265.34	806.70	-28.07	-34.52	188.27
40732	80.42	-16.85	-1.25	11.67	261.47	802.67	-32.79	-38.69	185.23
40733	81.71	-16.70	-1.25	8.99	255.67	788.81	-37.63	-42.37	181.25
40734	82.98	-16.49	-1.25	4.78	247.86	765.32	-42.41	-44.80	176.27
40735	84.22	-16.21	-1.25	-1.29	237.96	732.47	-46.96	-45.29	170.39
40736	85.44	-15.87	-1.25	-9.65	225.88	690.46	-51.14	-43.14	163.75
40737	86.63	-15.47	-1.25	-20.80	211.48	639.35	-54.86	-37.70	156.50
40738	87.79	-15.01	-1.25	-35.30	194.62	578.99	-58.09	-28.29	148.84
40739	88.91	-14.49	-1.25	-53.79	175.09	508.85	-60.83	-14.18	141.00
40740	89.99	-13.91	-1.25	-76.93	152.68	427.66	-63.13	5.68	133.13
40741	79.12	-18.70	-1.25	81.04	415.07	1302.13	-37.06	-66.71	515.51
40742	80.45	-18.62	-1.25	81.28	409.29	1296.00	-43.49	-79.04	509.39
40743	81.76	-18.44	-1.25	78.94	399.26	1274.31	-49.72	-90.31	497.95
40744	83.06	-18.19	-1.25	73.75	385.12	1237.12	-55.44	-99.24	481.30
40745	84.34	-17.85	-1.25	65.35	366.98	1184.51	-60.43	-104.53	459.82
40746	85.59	-17.44	-1.25	53.28	344.99	1116.45	-64.51	-104.97	433.99
40747	86.80	-16.95	-1.25	37.07	319.31	1032.83	-67.65	-99.42	404.43
40748	87.98	-16.39	-1.25	16.22	290.07	933.33	-69.91	-86.81	371.84
40749	89.11	-15.75	-1.25	-9.71	257.38	817.41	-71.48	-66.14	337.02
40750	90.20	-15.04	-1.25	-41.14	221.11	683.98	-72.59	-36.63	301.17
40751	95.05	-9.55	-1.25	-318.81	-56.23	-422.58	-82.08	314.86	82.35
40752	94.44	-10.62	-1.25	-266.58	-6.06	-222.44	-81.15	242.07	112.75
40753	93.78	-11.65	-1.25	-215.87	44.40	-19.81	-80.02	173.38	150.70
40754	94.05	-9.47	-1.25	-268.80	-25.67	-197.13	-61.40	211.53	26.67
40755	93.63	-10.40	-1.25	-234.69	6.58	-87.21	-63.25	172.43	51.11
40756	93.17	-11.30	-1.25	-200.71	40.73	26.90	-66.23	134.19	81.57
40757	93.05	-9.40	-1.25	-228.36	-10.99	-118.51	-50.77	176.41	-11.77
40758	92.82	-10.19	-1.25	-208.15	11.91	-39.20	-52.94	148.87	9.91
40759	92.57	-10.96	-1.25	-186.97	36.52	41.58	-56.06	121.82	36.38
40760	91.21	-14.28	-1.25	-78.29	182.17	533.06	-73.84	1.81	263.73
40761	90.94	-13.32	-1.25	-103.36	128.79	340.18	-64.85	30.43	123.49
40762	90.65	-12.37	-1.25	-116.35	90.75	252.48	-50.80	54.81	46.26
40763	92.14	-13.47	-1.25	-119.64	139.96	365.24	-75.24	50.09	226.26
40764	91.76	-12.72	-1.25	-131.99	102.70	246.73	-65.87	59.27	113.24
40765	91.38	-11.98	-1.25	-137.81	75.90	189.16	-53.76	73.06	47.62
40766	93.01	-12.60	-1.25	-165.73	94.83	179.17	-77.30	107.84	190.34
40767	92.55	-12.08	-1.25	-165.23	74.43	141.46	-66.76	95.08	103.65
40768	92.09	-11.56	-1.25	-162.60	58.18	119.27	-56.44	96.12	49.39
40769	97.56	-1.65	-2.70	-750.30	-298.33	-1214.51	-163.96	489.65	2.44
40770	97.62	-0.55	-2.70	-801.41	-343.55	-1344.29	-184.20	536.40	23.48
40771	97.62	0.55	-2.70	-851.35	-391.05	-1475.28	-206.71	582.94	49.45
40772	97.56	1.65	-2.70	-899.74	-441.22	-1607.43	-231.44	629.04	80.52
40773	96.32	-1.65	-2.70	-553.10	-239.88	-1076.57	-116.76	371.65	-32.47
40774	96.38	-0.55	-2.70	-591.54	-276.34	-1201.27	-132.08	407.13	-17.98
40775	96.38	0.55	-2.70	-629.75	-315.05	-1328.63	-149.23	442.37	0.53
40776	96.32	1.65	-2.70	-667.48	-356.43	-1458.93	-168.20	477.07	23.13
40777	95.09	-1.65	-2.70	-438.10	-188.23	-911.52	-92.08	360.41	-71.96
40778	95.14	-0.55	-2.70	-469.05	-218.87	-1025.30	-105.60	395.30	-57.75
40779	95.14	0.55	-2.70	-499.96	-251.77	-1142.08	-120.81	429.71	-39.36
40780	95.09	1.65	-2.70	-530.74	-287.37	-1262.18	-137.68	463.30	-16.67
40781	93.86	-1.65	-2.70	-354.41	-152.73	-823.57	-74.05	353.22	-105.53
40782	93.91	-0.55	-2.70	-379.99	-179.65	-932.58	-86.32	387.62	-91.07
40783	93.91	0.55	-2.70	-405.64	-208.84	-1044.61	-100.17	421.36	-72.20
40784	93.86	1.65	-2.70	-431.31	-240.71	-1159.93	-115.55	454.09	-48.84
40785	92.63	-1.65	-2.70	-287.74	-124.85	-767.28	-58.70	348.65	-136.41
40786	92.67	-0.55	-2.70	-309.23	-148.84	-873.57	-70.08	382.76	-121.34
40787	92.67	0.55	-2.70	-330.87	-175.14	-982.79	-83.01	416.01	-101.57
40788	92.63	1.65	-2.70	-352.63	-204.17	-1095.24	-97.42	448.00	-77.05

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]
40789	91.39	-1.65	-2.70	-230.64	-102.21	-734.02	-44.97	343.64	-165.93
40790	91.43	-0.55	-2.70	-248.74	-123.69	-839.13	-55.61	377.45	-150.07
40791	91.43	0.55	-2.70	-267.09	-147.54	-947.00	-67.82	410.20	-129.12
40792	91.39	1.65	-2.70	-285.67	-174.21	-1057.89	-81.51	441.44	-103.07
40793	90.16	-1.65	-2.70	-179.32	-83.35	-717.54	-32.62	336.15	-194.64
40794	90.20	-0.55	-2.70	-194.40	-102.56	-822.66	-42.56	369.47	-177.87
40795	90.20	0.55	-2.70	-209.87	-124.20	-930.26	-54.10	401.55	-155.56
40796	90.16	1.65	-2.70	-225.70	-148.79	-1040.55	-67.14	431.91	-127.75
40797	88.93	-1.65	-2.70	-131.93	-67.47	-713.83	-21.70	324.78	-222.59
40798	88.96	-0.55	-2.70	-144.19	-84.56	-819.92	-30.90	357.25	-204.88
40799	88.96	0.55	-2.70	-156.99	-104.16	-928.12	-41.74	388.37	-181.13
40800	88.93	1.65	-2.70	-170.35	-126.84	-1038.59	-54.10	417.60	-151.41
40801	87.70	-1.65	-2.70	-87.73	-54.08	-719.65	-12.36	308.63	-249.54
40802	87.72	-0.55	-2.70	-97.27	-69.19	-827.44	-20.75	339.78	-230.92
40803	87.72	0.55	-2.70	-107.55	-86.88	-936.95	-30.79	369.51	-205.71
40804	87.70	1.65	-2.70	-118.60	-107.78	-1048.20	-42.37	397.26	-174.01
40805	86.46	-1.65	-2.70	-46.59	-42.85	-732.19	-4.74	287.20	-275.06
40806	86.49	-0.55	-2.70	-53.52	-56.12	-842.21	-12.24	316.45	-255.59
40807	86.49	0.55	-2.70	-61.38	-72.03	-953.52	-21.38	344.28	-228.96
40808	86.46	1.65	-2.70	-70.26	-91.28	-1066.00	-32.03	370.12	-195.32
40809	85.23	-1.65	-2.70	-8.74	-33.56	-748.94	1.05	260.35	-298.58
40810	85.25	-0.55	-2.70	-13.19	-45.15	-861.49	-5.49	287.08	-278.35
40811	85.25	0.55	-2.70	-18.78	-59.43	-974.87	-13.59	312.44	-250.40
40812	85.23	1.65	-2.70	-25.66	-77.18	-1088.86	-23.15	335.89	-214.91
40813	84.00	-1.65	-2.70	25.42	-26.03	-767.68	4.98	228.25	-319.50
40814	84.01	-0.55	-2.70	23.23	-36.14	-882.78	-0.51	251.81	-298.60
40815	84.01	0.55	-2.70	19.70	-48.97	-998.29	-7.46	274.13	-269.48
40816	84.00	1.65	-2.70	14.64	-65.39	-1113.85	-15.76	294.70	-232.30
40817	82.76	-1.65	-2.70	55.42	-20.13	-786.46	7.13	191.29	-337.22
40818	82.78	-0.55	-2.70	55.20	-28.97	-903.89	2.74	211.10	-315.75
40819	82.78	0.55	-2.70	53.45	-40.58	-1021.36	-2.93	229.84	-285.61
40820	82.76	1.65	-2.70	49.94	-55.87	-1138.37	-9.82	247.07	-246.98
40821	81.53	-1.65	-2.70	80.83	-15.73	-803.63	7.66	150.10	-351.16
40822	81.54	-0.55	-2.70	82.19	-23.58	-922.95	4.44	165.67	-329.24
40823	81.54	0.55	-2.70	81.85	-34.22	-1041.98	0.13	180.38	-298.27
40824	81.53	1.65	-2.70	79.55	-48.62	-1160.11	-5.20	193.89	-258.45
40825	80.30	-1.65	-2.70	101.27	-12.74	-817.85	6.83	105.48	-360.88
40826	80.30	-0.55	-2.70	103.74	-19.90	-938.42	4.82	116.45	-338.62
40827	80.30	0.55	-2.70	104.37	-29.85	-1058.43	1.96	126.80	-307.03
40828	80.30	1.65	-2.70	102.88	-43.62	-1177.21	-1.70	136.32	-266.32
40829	79.07	-1.65	-2.70	116.47	-11.09	-828.11	4.95	58.36	-366.06
40830	79.07	-0.55	-2.70	119.53	-17.86	-949.14	4.20	64.55	-343.56
40831	79.07	0.55	-2.70	120.63	-27.45	-1069.41	2.86	70.39	-311.57
40832	79.07	1.65	-2.70	119.50	-40.90	-1188.25	0.95	75.79	-270.31
40833	97.56	-1.65	-4.10	-271.77	-131.64	-998.84	-103.34	427.45	-84.68
40834	97.62	-0.55	-4.10	-284.62	-153.83	-1103.76	-108.58	471.46	-65.81
40835	97.62	0.55	-4.10	-296.94	-176.37	-1209.37	-113.70	515.06	-42.25
40836	97.56	1.65	-4.10	-308.54	-199.22	-1315.36	-118.65	557.95	-13.98
40837	96.32	-1.65	-4.10	-281.28	-132.51	-993.08	-85.38	310.11	-99.41
40838	96.38	-0.55	-4.10	-297.37	-155.25	-1104.58	-92.11	342.45	-87.07
40839	96.38	0.55	-4.10	-312.75	-178.69	-1217.67	-99.11	374.85	-71.12
40840	96.32	1.65	-4.10	-327.21	-202.82	-1332.23	-106.26	407.14	-51.36
40841	95.09	-1.65	-4.10	-267.26	-113.17	-893.46	-67.57	276.72	-122.99
40842	95.14	-0.55	-4.10	-284.65	-134.08	-1000.26	-75.91	305.60	-112.56
40843	95.14	0.55	-4.10	-301.46	-156.21	-1109.54	-84.95	334.16	-98.69
40844	95.09	1.65	-4.10	-317.49	-179.68	-1221.40	-94.56	362.17	-81.25
40845	93.86	-1.65	-4.10	-231.53	-90.38	-810.01	-53.41	275.32	-149.16
40846	93.91	-0.55	-4.10	-247.84	-109.20	-912.30	-62.37	303.96	-138.57
40847	93.91	0.55	-4.10	-263.79	-129.57	-1017.31	-72.25	331.96	-124.30
40848	93.86	1.65	-4.10	-279.26	-151.70	-1125.23	-82.92	359.01	-106.31
40849	92.63	-1.65	-4.10	-190.08	-69.52	-753.58	-41.21	277.13	-175.13
40850	92.67	-0.55	-4.10	-204.58	-86.40	-853.00	-50.29	305.86	-163.88
40851	92.67	0.55	-4.10	-218.95	-105.06	-955.13	-60.41	333.74	-148.61
40852	92.63	1.65	-4.10	-233.07	-125.75	-1060.23	-71.46	360.41	-129.34
40853	91.39	-1.65	-4.10	-147.58	-50.87	-716.67	-30.24	277.17	-200.62
40854	91.43	-0.55	-4.10	-160.06	-65.91	-814.36	-39.16	305.87	-188.54
40855	91.43	0.55	-4.10	-172.59	-82.90	-914.64	-49.23	333.55	-172.07
40856	91.39	1.65	-4.10	-185.11	-102.17	-1017.79	-60.32	359.81	-151.23
40857	90.16	-1.65	-4.10	-105.59	-34.43	-695.01	-20.29	273.70	-225.56
40858	90.20	-0.55	-4.10	-115.97	-47.70	-791.93	-28.87	302.05	-212.59
40859	90.20	0.55	-4.10	-126.59	-63.08	-891.23	-38.68	329.28	-194.83
40860	90.16	1.65	-4.10	-137.43	-80.94	-993.15	-49.60	354.91	-172.30
40861	88.93	-1.65	-4.10	-64.73	-20.04	-685.18	-11.38	265.95	-249.75
40862	88.96	-0.55	-4.10	-72.98	-31.61	-782.12	-19.47	293.56	-235.92
40863	88.96	0.55	-4.10	-81.67	-45.42	-881.13	-28.86	319.95	-216.84
40864	88.93	1.65	-4.10	-90.82	-61.92	-982.43	-39.40	344.66	-192.58
40865	87.70	-1.65	-4.10	-25.47	-7.57	-684.40	-3.62	253.50	-272.91
40866	87.72	-0.55	-4.10	-31.58	-17.52	-781.97	-11.09	279.91	-258.25
40867	87.72	0.55	-4.10	-38.36	-29.82	-881.27	-19.88	305.06	-237.88
40868	87.70	1.65	-4.10	-45.85	-44.99	-982.44	-29.86	328.47	-211.90
40869	86.46	-1.65	-4.10	11.71	3.10	-690.20	2.89	236.21	-294.65
40870	86.49	-0.55	-4.10	7.68	-5.33	-788.86	-3.84	260.90	-279.22
40871	86.49	0.55	-4.10	2.77	-16.20	-888.88	-11.88	284.35	-257.61
40872	86.46	1.65	-4.10	-3.12	-30.11	-990.30	-21.12	306.07	-229.97
40873	85.23	-1.65	-4.10	46.25	12.05	-700.39	8.05	214.08	-314.49
40874	85.25	-0.55	-4.10	44.22	5.03	-800.44	2.18	236.55	-298.37
40875	85.25	0.55	-4.10	41.08	-4.53	-901.45	-4.97	257.82	-275.63
40876	85.23	1.65	-4.10	36.71	-17.26	-1003.38	-13.28	277.45	-246.43
40877	84.00	-1.65	-4.10	77.60	19.37	-713.01	11.84	187.35	-331.95
40878	84.01	-0.55	-4.10	77.40	13.60	-814.55	6.93	207.07	-315.23
40879	84.01	0.55	-4.10	75.88	5.23	-916.66	0.81	225.71	-291.49
40880	84.00	1.65	-4.10	72.88	-6.46	-1019.23	-6.41	242.85	-260.88
40881	82.76	-1.65	-4.10	105.23	25.13	-726.35	14.30	156.38	-346.57
40882	82.78	-0.55	-4.10	106.63	20.42	-829.28	10.43	172.91	-329.34
40883	82.78	0.55	-4.10	106.51	13.06	-932.45	5.47	188.50	-304.73
40884	82.76	1.65	-4.10	104.68	2.28	-1035.64	-0.51	202.81	-272.92
40885	81.53	-1.65	-4.10	128.70	29.40	-738.95	15.56	121.73	-357.90
40886	81.54	-0.55	-4.10	131.37	25.54	-843.02	12.80	134.69	-340.27
40887	81.54	0.55	-4.10	132.37	18.99	-947.03	9.09	146.90	-314.97

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]
40888	81.53	1.65	-4.10	131.45	8.93	-1050.70	4.49	158.09	-282.18
40889	80.30	-1.65	-4.10	147.63	32.22	-749.64	15.79	84.07	-365.62
40890	80.30	-0.55	-4.10	151.21	28.97	-854.45	14.19	93.19	-347.69
40891	80.30	0.55	-4.10	152.96	23.01	-958.96	11.82	101.79	-321.87
40892	80.30	1.65	-4.10	152.66	13.47	-1062.85	8.71	109.68	-288.36
40893	79.07	-1.65	-4.10	161.78	33.66	-757.53	15.21	44.19	-369.47
40894	79.07	-0.55	-4.10	165.84	30.76	-862.57	14.83	49.34	-351.35
40895	79.07	0.55	-4.10	167.98	25.12	-967.14	13.86	54.23	-325.21
40896	79.07	1.65	-4.10	167.94	15.88	-1070.91	12.32	58.75	-291.26
40897	97.56	-1.65	-5.50	-85.95	-19.54	-853.33	-33.84	407.74	-104.42
40898	97.62	-0.55	-5.50	-89.66	-24.81	-940.78	-36.42	450.31	-85.84
40899	97.62	0.55	-5.50	-93.17	-30.07	-1028.52	-39.07	492.31	-62.72
40900	97.56	1.65	-5.50	-96.42	-35.31	-1116.22	-41.77	533.31	-34.91
40901	96.32	-1.65	-5.50	-79.59	-25.84	-893.29	-34.05	321.46	-129.83
40902	96.38	-0.55	-5.50	-82.79	-33.39	-990.63	-36.50	356.48	-115.95
40903	96.38	0.55	-5.50	-85.62	-40.98	-1088.76	-38.76	391.52	-98.01
40904	96.32	1.65	-5.50	-88.02	-48.51	-1187.34	-40.82	426.36	-75.82
40905	95.09	-1.65	-5.50	-87.93	-22.29	-854.96	-28.70	264.48	-152.73
40906	95.14	-0.55	-5.50	-93.03	-30.58	-953.18	-32.62	293.99	-142.05
40907	95.14	0.55	-5.50	-97.54	-39.27	-1053.07	-36.59	323.54	-127.68
40908	95.09	1.65	-5.50	-101.31	-48.29	-1154.52	-40.48	352.95	-109.45
40909	93.86	-1.65	-5.50	-84.58	-11.73	-794.63	-21.52	241.03	-176.04
40910	93.91	-0.55	-5.50	-90.93	-19.70	-890.34	-26.89	268.13	-166.61
40911	93.91	0.55	-5.50	-96.71	-28.48	-988.28	-32.59	294.99	-153.54
40912	93.86	1.65	-5.50	-101.76	-38.06	-1088.54	-38.47	321.36	-136.70
40913	92.63	-1.65	-5.50	-67.44	1.51	-742.32	-14.17	232.79	-199.40
40914	92.67	-0.55	-5.50	-73.87	-5.63	-835.35	-20.44	258.93	-190.14
40915	92.67	0.55	-5.50	-79.90	-13.93	-930.81	-27.27	284.54	-177.09
40916	92.63	1.65	-5.50	-85.40	-23.45	-1028.90	-34.51	309.35	-160.17
40917	91.39	-1.65	-5.50	-41.92	15.14	-703.82	-6.97	228.46	-222.35
40918	91.43	-0.55	-5.50	-47.70	9.06	-794.76	-13.68	254.00	-212.80
40919	91.43	0.55	-5.50	-53.29	1.56	-888.12	-21.14	278.81	-199.20
40920	91.39	1.65	-5.50	-58.60	-7.53	-984.15	-29.19	302.57	-181.51
40921	90.16	-1.65	-5.50	-11.81	28.21	-678.09	-0.11	223.57	-244.67
40922	90.20	-0.55	-5.50	-16.49	23.35	-767.61	-6.92	248.46	-234.62
40923	90.20	0.55	-5.50	-21.20	16.82	-859.41	-14.62	272.48	-220.20
40924	90.16	1.65	-5.50	-25.91	8.40	-953.75	-23.04	295.26	-201.43
40925	88.93	-1.65	-5.50	20.45	40.28	-663.11	6.24	216.20	-266.13
40926	88.96	-0.55	-5.50	17.14	36.69	-751.85	-0.41	240.18	-255.49
40927	88.96	0.55	-5.50	13.55	31.23	-842.63	-8.04	263.20	-240.15
40928	88.93	1.65	-5.50	9.69	23.62	-935.71	-16.49	284.86	-220.15
40929	87.70	-1.65	-5.50	53.22	51.12	-656.71	11.93	205.45	-286.44
40930	87.72	-0.55	-5.50	51.43	48.80	-745.21	5.66	228.17	-275.20
40931	87.72	0.55	-5.50	49.11	44.47	-835.46	-1.65	249.89	-258.91
40932	87.70	1.65	-5.50	46.23	37.74	-927.67	-9.85	270.20	-237.64
40933	86.46	-1.65	-5.50	85.28	60.60	-656.78	16.81	190.95	-305.27
40934	86.49	-0.55	-5.50	85.07	59.53	-745.48	11.10	212.02	-293.46
40935	86.49	0.55	-5.50	84.07	56.32	-835.59	4.33	232.09	-276.24
40936	86.46	1.65	-5.50	82.23	50.50	-927.28	-3.38	250.76	-253.71
40937	85.23	-1.65	-5.50	115.67	68.69	-661.39	20.80	172.59	-322.26
40938	85.25	-0.55	-5.50	116.99	68.79	-750.59	15.80	191.62	-309.91
40939	85.25	0.55	-5.50	117.30	66.64	-840.85	9.74	209.67	-291.82
40940	85.23	1.65	-5.50	116.49	61.70	-932.29	2.74	226.39	-268.10
40941	84.00	-1.65	-5.50	143.58	75.35	-668.80	23.85	150.47	-337.02
40942	84.01	-0.55	-5.50	146.34	76.51	-758.66	19.67	167.07	-324.20
40943	84.01	0.55	-5.50	147.86	75.34	-849.25	14.48	182.77	-305.33
40944	84.00	1.65	-5.50	148.01	71.23	-940.62	8.38	197.25	-280.53
40945	82.76	-1.65	-5.50	168.35	80.59	-677.48	25.97	124.86	-349.21
40946	82.78	-0.55	-5.50	172.36	82.67	-768.02	22.73	138.67	-335.98
40947	82.78	0.55	-5.50	174.94	82.34	-858.99	18.54	151.72	-316.43
40948	82.76	1.65	-5.50	175.93	78.96	-950.38	13.50	163.72	-290.70
40949	81.53	-1.65	-5.50	189.45	84.42	-686.13	27.23	96.15	-358.48
40950	81.54	-0.55	-5.50	194.48	87.25	-777.26	25.00	106.90	-344.93
40951	81.54	0.55	-5.50	197.90	87.61	-868.54	21.93	117.05	-324.84
40952	81.53	1.65	-5.50	199.53	84.83	-959.94	18.08	126.37	-298.35
40953	80.30	-1.65	-5.50	206.51	86.86	-693.73	27.76	64.86	-364.60
40954	80.30	-0.55	-5.50	212.24	90.24	-785.23	26.61	72.37	-350.81
40955	80.30	0.55	-5.50	216.24	91.12	-876.67	24.74	79.45	-330.32
40956	80.30	1.65	-5.50	218.29	88.79	-967.99	22.18	85.98	-303.28
40957	79.07	-1.65	-5.50	219.26	87.95	-699.51	27.73	31.62	-367.37
40958	79.07	-0.55	-5.50	225.37	91.66	-791.08	27.71	35.79	-353.44
40959	79.07	0.55	-5.50	229.63	92.86	-882.45	27.10	39.76	-332.72
40960	79.07	1.65	-5.50	231.85	90.80	-973.54	25.90	43.45	-305.35
40961	97.56	-1.65	-6.90	22.65	72.76	-763.78	16.06	374.62	-100.53
40962	97.62	-0.55	-6.90	22.40	79.21	-839.49	13.30	413.68	-83.20
40963	97.62	0.55	-6.90	22.41	85.57	-915.34	10.09	452.07	-61.63
40964	97.56	1.65	-6.90	22.74	91.73	-991.03	6.41	489.35	-35.80
40965	96.32	-1.65	-6.90	40.52	68.45	-804.68	13.96	318.14	-131.87
40966	96.38	-0.55	-6.90	42.21	73.36	-889.19	11.97	353.38	-117.46
40967	96.38	0.55	-6.90	44.11	78.26	-974.06	9.85	388.42	-98.85
40968	96.32	1.65	-6.90	46.25	83.15	-1058.91	7.60	422.96	-75.91
40969	95.09	-1.65	-6.90	44.48	68.99	-796.93	13.91	265.65	-158.82
40970	95.14	-0.55	-6.90	46.19	72.90	-884.76	11.51	296.43	-147.26
40971	95.14	0.55	-6.90	48.29	76.68	-973.57	9.04	327.29	-131.69
40972	95.09	1.65	-6.90	50.82	80.36	-1063.12	6.55	358.01	-111.93
40973	93.86	-1.65	-6.90	46.38	74.04	-762.52	15.90	229.86	-183.24
40974	93.91	-0.55	-6.90	47.38	77.64	-850.08	12.53	257.33	-173.64
40975	93.91	0.55	-6.90	48.88	80.83	-939.24	8.98	284.83	-160.16
40976	93.86	1.65	-6.90	50.95	83.65	-1029.92	5.33	312.16	-142.61
40977	92.63	-1.65	-6.90	54.68	82.17	-722.47	19.02	208.80	-206.26
40978	92.67	-0.55	-6.90	55.23	86.02	-808.31	14.74	234.16	-197.70
40979	92.67	0.55	-6.90	56.23	89.15	-896.12	10.09	259.36	-185.26
40980	92.63	1.65	-6.90	57.78	91.54	-985.99	5.20	284.19	-168.79
40981	91.39	-1.65	-6.90	70.56	91.80	-687.73	22.64	195.77	-228.16
40982	91.43	-0.55	-6.90	71.19	96.26	-771.63	17.73	219.67	-220.03
40983	91.43	0.55	-6.90	72.12	99.73	-857.65	12.27	243.22	-207.92
40984	91.39	1.65	-6.90	73.42	102.11	-945.95	6.42	266.19	-191.71
40985	90.16	-1.65	-6.90	92.18	101.81	-661.60	26.40	185.81	-248.96
40986	90.20	-0.55	-6.90	93.35	107.14	-743.83	21.18	208.47	-240.90

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]
40987	90.20	0.55	-6.90	94.59	111.21	-828.14	15.26	230.62	-228.69
40988	90.16	1.65	-6.90	95.97	113.88	-914.75	8.81	252.01	-212.26
40989	88.93	-1.65	-6.90	117.41	111.52	-644.10	30.07	176.12	-268.58
40990	88.96	-0.55	-6.90	119.44	117.87	-725.09	24.82	197.50	-260.38
40991	88.96	0.55	-6.90	121.30	122.74	-807.99	18.75	218.26	-247.83
40992	88.93	1.65	-6.90	123.01	125.90	-893.06	12.03	238.12	-230.88
40993	87.70	-1.65	-6.90	144.39	120.53	-634.12	33.45	165.16	-286.82
40994	87.72	-0.55	-6.90	147.49	127.96	-714.29	28.40	185.08	-278.37
40995	87.72	0.55	-6.90	150.16	133.73	-796.15	22.45	204.31	-265.35
40996	87.70	1.65	-6.90	152.40	137.54	-879.92	15.78	222.57	-247.73
40997	86.46	-1.65	-6.90	171.64	128.57	-630.12	36.38	152.08	-303.47
40998	86.49	-0.55	-6.90	175.91	137.10	-709.87	31.73	170.30	-294.71
40999	86.49	0.55	-6.90	179.50	143.82	-791.01	26.15	187.80	-281.16
41000	86.46	1.65	-6.90	182.38	148.33	-873.78	19.79	204.30	-262.81
41001	85.23	-1.65	-6.90	197.95	135.50	-630.54	38.77	136.46	-318.26
41002	85.25	-0.55	-6.90	203.41	145.08	-710.15	34.69	152.71	-309.18
41003	85.25	0.55	-6.90	207.95	152.73	-790.89	29.67	168.26	-295.08
41004	85.23	1.65	-6.90	211.50	157.98	-872.90	23.84	182.82	-275.99
41005	84.00	-1.65	-6.90	222.38	141.23	-633.87	40.56	118.14	-330.92
41006	84.01	-0.55	-6.90	228.96	151.77	-713.57	37.18	132.16	-321.54
41007	84.01	0.55	-6.90	234.41	160.29	-794.09	32.89	145.52	-306.92
41008	84.00	1.65	-6.90	238.61	166.25	-875.57	27.79	157.97	-287.12
41009	82.76	-1.65	-6.90	244.18	145.71	-638.79	41.73	97.17	-341.19
41010	82.78	-0.55	-6.90	251.74	157.09	-718.68	39.18	108.72	-331.53
41011	82.78	0.55	-6.90	257.98	166.38	-799.12	35.75	119.69	-316.46
41012	82.76	1.65	-6.90	262.74	172.99	-880.23	31.55	129.87	-296.03
41013	81.53	-1.65	-6.90	262.78	148.90	-644.20	42.35	73.75	-348.84
41014	81.54	-0.55	-6.90	271.12	160.98	-724.27	40.69	82.64	-338.95
41015	81.54	0.55	-6.90	277.97	170.92	-804.68	38.25	91.07	-323.50
41016	81.53	1.65	-6.90	283.17	178.07	-885.49	35.06	98.87	-302.56
41017	80.30	-1.65	-6.90	277.78	150.80	-649.19	42.49	48.21	-353.69
41018	80.30	-0.55	-6.90	286.65	163.41	-729.38	41.81	54.32	-343.64
41019	80.30	0.55	-6.90	293.89	173.85	-809.72	40.42	60.10	-327.92
41020	80.30	1.65	-6.90	299.35	181.43	-890.27	38.35	65.46	-306.60
41021	79.07	-1.65	-6.90	288.90	151.42	-653.12	42.28	20.99	-355.62
41022	79.07	-0.55	-6.90	298.02	164.38	-733.28	42.63	24.26	-345.48
41023	79.07	0.55	-6.90	305.41	175.14	-813.46	42.36	27.38	-329.60
41024	79.07	1.65	-6.90	310.92	183.02	-893.73	41.48	30.29	-308.05
41025	97.56	-1.65	-8.30	103.40	157.32	-702.66	56.15	338.20	-84.98
41026	97.62	-0.55	-8.30	105.01	172.98	-769.78	52.28	373.31	-69.11
41027	97.62	0.55	-8.30	107.02	188.39	-837.02	47.58	407.76	-49.46
41028	97.56	1.65	-8.30	109.56	203.30	-904.04	42.07	441.10	-26.02
41029	96.32	-1.65	-8.30	128.49	156.52	-735.32	55.80	298.84	-117.80
41030	96.38	-0.55	-8.30	132.41	171.76	-809.30	52.88	332.18	-103.85
41031	96.38	0.55	-8.30	136.60	186.84	-883.47	49.37	365.20	-85.89
41032	96.32	1.65	-8.30	141.10	201.60	-957.44	45.28	397.52	-63.83
41033	95.09	-1.65	-8.30	144.06	158.16	-737.98	55.37	255.91	-146.65
41034	95.14	-0.55	-8.30	149.22	173.11	-815.55	52.67	286.26	-134.94
41035	95.14	0.55	-8.30	154.67	187.88	-893.70	49.52	316.59	-119.19
41036	95.09	1.65	-8.30	160.44	202.35	-972.09	45.95	346.63	-99.25
41037	93.86	-1.65	-8.30	154.78	162.30	-719.95	55.43	219.01	-172.27
41038	93.91	-0.55	-8.30	160.40	177.26	-798.40	52.45	246.31	-162.56
41039	93.91	0.55	-8.30	166.36	191.89	-877.93	49.01	273.73	-148.85
41040	93.86	1.65	-8.30	172.72	206.10	-958.33	45.19	301.07	-130.97
41041	92.63	-1.65	-8.30	166.06	168.46	-692.85	56.06	191.24	-195.49
41042	92.67	-0.55	-8.30	171.87	183.77	-770.56	52.59	216.00	-187.27
41043	92.67	0.55	-8.30	178.03	198.55	-849.74	48.59	240.84	-175.10
41044	92.63	1.65	-8.30	184.58	212.68	-930.32	44.16	265.60	-158.77
41045	91.39	-1.65	-8.30	180.88	175.87	-665.51	57.05	171.17	-216.85
41046	91.43	-0.55	-8.30	186.99	191.85	-741.80	53.17	193.87	-209.62
41047	91.43	0.55	-8.30	193.35	207.06	-819.77	48.63	216.55	-198.43
41048	91.39	1.65	-8.30	200.00	221.35	-899.48	43.56	239.04	-183.10
41049	90.16	-1.65	-8.30	199.60	183.79	-642.59	58.21	155.99	-236.60
41050	90.20	-0.55	-8.30	206.24	200.66	-717.35	54.08	176.93	-229.95
41051	90.20	0.55	-8.30	212.96	216.55	-793.84	49.18	197.72	-219.31
41052	90.16	1.65	-8.30	219.79	231.24	-872.19	43.66	218.18	-204.52
41053	88.93	-1.65	-8.30	221.29	191.62	-625.65	59.38	143.27	-254.78
41054	88.96	-0.55	-8.30	228.67	209.54	-699.05	55.20	162.55	-248.43
41055	88.96	0.55	-8.30	235.93	226.28	-774.12	50.17	181.56	-238.03
41056	88.93	1.65	-8.30	243.05	241.56	-851.00	44.43	200.13	-223.44
41057	87.70	-1.65	-8.30	244.64	198.97	-614.58	60.40	131.29	-271.36
41058	87.72	-0.55	-8.30	252.93	218.01	-686.92	56.38	148.89	-265.11
41059	87.72	0.55	-8.30	260.86	235.71	-760.76	51.44	166.13	-254.73
41060	87.70	1.65	-8.30	268.39	251.70	-836.27	45.73	182.83	-240.10
41061	86.46	-1.65	-8.30	268.39	205.58	-608.53	61.16	118.90	-286.21
41062	86.49	-0.55	-8.30	277.66	225.75	-680.11	57.48	134.72	-279.94
41063	86.49	0.55	-8.30	286.34	244.44	-752.99	52.85	150.11	-269.44
41064	86.46	1.65	-8.30	294.35	261.21	-827.32	47.40	164.90	-254.62
41065	85.23	-1.65	-8.30	291.43	211.27	-606.35	61.59	105.36	-299.17
41066	85.25	-0.55	-8.30	301.69	232.52	-677.46	58.39	119.25	-292.80
41067	85.25	0.55	-8.30	311.13	252.19	-749.63	54.24	132.70	-282.10
41068	85.23	1.65	-8.30	319.66	269.75	-822.99	49.27	145.51	-266.99
41069	84.00	-1.65	-8.30	312.84	215.93	-606.88	61.64	90.25	-310.07
41070	84.01	-0.55	-8.30	324.03	238.18	-677.73	59.05	102.06	-303.57
41071	84.01	0.55	-8.30	334.19	258.75	-749.41	55.54	113.43	-292.63
41072	84.00	1.65	-8.30	343.20	277.07	-822.02	51.21	124.20	-277.20
41073	82.76	-1.65	-8.30	331.92	219.49	-609.05	61.30	73.35	-318.75
41074	82.78	-0.55	-8.30	343.90	242.61	-679.78	59.43	82.95	-312.12
41075	82.78	0.55	-8.30	354.67	263.99	-751.12	56.69	92.14	-300.93
41076	82.76	1.65	-8.30	364.09	282.99	-823.16	53.15	100.80	-285.18
41077	81.53	-1.65	-8.30	348.12	221.91	-611.94	60.63	54.66	-325.07
41078	81.54	-0.55	-8.30	360.70	245.76	-682.62	59.56	61.93	-318.31
41079	81.54	0.55	-8.30	371.92	267.81	-753.73	57.68	68.87	-306.91
41080	81.53	1.65	-8.30	381.62	287.40	-825.32	55.04	75.37	-290.87
41081	80.30	-1.65	-8.30	361.03	223.16	-614.82	59.70	34.32	-328.90
41082	80.30	-0.55	-8.30	373.99	247.56	-685.46	59.50	39.18	-322.05
41083	80.30	0.55	-8.30	385.45	270.15	-756.38	58.56	43.83	-310.50
41084	80.30	1.65	-8.30	395.27	290.22	-827.64	56.91	48.17	-294.24
41085	79.07	-1.65	-8.30	370.41	223.23	-617.17	58.62	12.58	-330.18



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]
41086	79.07	-0.55	-8.30	383.47	248.02	-687.71	59.34	15.02	-323.28
41087	79.07	0.55	-8.30	394.96	270.99	-758.45	59.40	17.37	-311.64
41088	79.07	1.65	-8.30	404.71	291.40	-829.43	58.79	19.57	-295.26
41089	101.97	-1.65	-2.70	-1.24	-62.93	2.96	-53.11	-7.19	45.24
41090	102.02	-0.55	-2.70	2.83	-62.59	3.19	-50.14	-9.89	44.92
41091	102.02	0.55	-2.70	6.70	-62.06	3.42	-47.21	-12.52	44.37
41092	101.97	1.65	-2.70	10.41	-61.36	3.57	-44.24	-15.02	43.59
41093	101.12	-1.65	-2.70	-20.63	-65.83	-11.40	-126.72	7.84	24.96
41094	101.18	-0.55	-2.70	-10.93	-72.83	-12.21	-123.85	6.91	25.24
41095	101.18	0.55	-2.70	-1.49	-79.61	-13.00	-120.28	6.05	25.40
41096	101.12	1.65	-2.70	7.61	-86.16	-13.89	-116.01	5.23	25.41
41097	100.28	-1.65	-2.70	-107.67	-79.53	-29.20	-182.26	51.53	14.43
41098	100.34	-0.55	-2.70	-98.41	-94.53	-31.58	-181.94	54.26	16.62
41099	100.34	0.55	-2.70	-89.29	-109.49	-33.91	-180.61	57.00	19.02
41100	100.28	1.65	-2.70	-80.45	-124.36	-36.41	-178.21	59.74	21.60
41101	99.44	-1.65	-2.70	-341.30	-106.01	-36.10	-221.50	148.86	-5.44
41102	99.50	-0.55	-2.70	-346.67	-130.32	-38.23	-230.23	160.69	1.36
41103	99.50	0.55	-2.70	-351.39	-155.34	-40.33	-238.71	172.35	9.22
41104	99.44	1.65	-2.70	-355.42	-181.12	-42.78	-246.94	183.72	18.18
41105	98.59	-1.65	-2.70	-931.51	-257.34	-674.80	-249.13	643.82	-22.14
41106	98.65	-0.55	-2.70	-989.17	-305.54	-742.59	-278.86	705.81	9.14
41107	98.65	0.55	-2.70	-1043.89	-356.54	-810.40	-311.55	766.23	46.83
41108	98.59	1.65	-2.70	-1095.05	-410.78	-878.25	-346.96	824.28	90.95
41109	101.97	-1.65	-4.10	-18.42	11.16	-6.50	-19.27	14.48	106.10
41110	102.02	-0.55	-4.10	-17.98	17.08	-6.70	-20.20	10.65	106.11
41111	102.02	0.55	-4.10	-17.53	22.72	-7.16	-21.66	6.87	105.84
41112	101.97	1.65	-4.10	-16.95	28.00	-7.88	-23.64	3.25	105.10
41113	101.12	-1.65	-4.10	-82.62	-2.66	-65.55	-56.90	72.97	63.91
41114	101.18	-0.55	-4.10	-83.66	-1.28	-70.09	-59.69	74.94	66.34
41115	101.18	0.55	-4.10	-84.55	-0.32	-74.93	-63.01	76.96	68.95
41116	101.12	1.65	-4.10	-85.22	0.10	-80.00	-66.79	78.94	71.47
41117	100.28	-1.65	-4.10	-197.44	-19.06	-112.82	-81.51	186.39	29.23
41118	100.34	-0.55	-4.10	-205.34	-22.08	-121.04	-88.52	199.00	36.63
41119	100.34	0.55	-4.10	-212.77	-25.96	-129.62	-96.45	211.43	45.22
41120	100.28	1.65	-4.10	-219.55	-30.87	-138.53	-105.24	223.58	54.74
41121	99.44	-1.65	-4.10	-356.89	-58.49	-308.43	-93.41	407.77	-14.06
41122	99.50	-0.55	-4.10	-378.04	-67.76	-335.18	-106.07	443.21	4.01
41123	99.50	0.55	-4.10	-398.16	-78.55	-362.43	-120.52	477.90	25.65
41124	99.44	1.65	-4.10	-416.87	-91.14	-390.09	-136.60	511.50	50.48
41125	98.59	-1.65	-4.10	-318.88	-100.39	-709.35	-100.00	551.97	-61.69
41126	98.65	-0.55	-4.10	-335.84	-116.34	-778.45	-108.82	605.76	-36.03
41127	98.65	0.55	-4.10	-352.17	-133.27	-848.10	-118.43	658.28	-4.70
41128	98.59	1.65	-4.10	-367.65	-151.33	-918.03	-128.75	709.03	31.92
41129	101.97	-1.65	-5.50	-18.96	78.15	-58.75	-0.24	49.76	137.30
41130	102.02	-0.55	-5.50	-20.14	87.58	-62.76	-4.06	47.01	138.67
41131	102.02	0.55	-5.50	-21.09	96.74	-67.16	-8.74	44.28	139.76
41132	101.97	1.65	-5.50	-21.59	105.58	-71.84	-14.19	41.73	140.54
41133	101.12	-1.65	-5.50	-76.63	60.97	-151.14	-12.08	144.52	86.99
41134	101.18	-0.55	-5.50	-81.40	68.20	-162.09	-17.72	150.78	92.42
41135	101.18	0.55	-5.50	-85.75	75.05	-173.36	-24.45	157.04	98.22
41136	101.12	1.65	-5.50	-89.56	81.36	-184.89	-32.15	163.19	104.37
41137	100.28	-1.65	-5.50	-149.44	43.30	-251.41	-19.50	276.29	38.54
41138	100.34	-0.55	-5.50	-159.89	48.16	-271.13	-27.74	295.89	49.96
41139	100.34	0.55	-5.50	-169.68	52.38	-291.15	-37.45	315.15	62.97
41140	100.28	1.65	-5.50	-178.57	55.71	-311.36	-48.49	333.91	77.68
41141	99.44	-1.65	-5.50	-171.63	22.02	-434.30	-23.35	412.97	-14.10
41142	99.50	-0.55	-5.50	-184.10	24.08	-471.87	-31.82	448.36	4.20
41143	99.50	0.55	-5.50	-195.82	25.51	-509.77	-41.79	482.97	25.71
41144	99.44	1.65	-5.50	-206.49	25.99	-547.86	-53.14	516.48	50.62
41145	98.59	-1.65	-5.50	-134.47	-2.54	-679.95	-28.42	466.05	-66.42
41146	98.65	-0.55	-5.50	-143.34	-4.25	-744.54	-34.05	511.11	-44.88
41147	98.65	0.55	-5.50	-151.72	-6.28	-809.44	-40.57	555.13	-18.90
41148	98.59	1.65	-5.50	-159.38	-8.81	-874.46	-47.90	597.65	11.69
41149	101.97	-1.65	-6.90	-11.83	133.36	-152.23	11.42	74.73	152.48
41150	102.02	-0.55	-6.90	-13.43	145.10	-162.89	5.48	73.08	154.87
41151	102.02	0.55	-6.90	-14.70	156.26	-174.20	-1.57	71.54	157.33
41152	101.97	1.65	-6.90	-15.41	167.01	-186.38	-9.60	70.41	159.62
41153	101.12	-1.65	-6.90	-43.76	119.76	-248.42	14.71	187.32	101.15
41154	101.18	-0.55	-6.90	-48.55	131.08	-266.81	7.58	196.24	108.41
41155	101.18	0.55	-6.90	-52.89	141.89	-285.62	-0.92	205.23	116.38
41156	101.12	1.65	-6.90	-56.70	152.11	-304.80	-10.55	214.23	124.81
41157	100.28	-1.65	-6.90	-67.29	108.00	-351.65	17.63	295.80	48.96
41158	100.34	-0.55	-6.90	-74.80	118.85	-379.46	9.65	316.49	61.23
41159	100.34	0.55	-6.90	-81.74	129.10	-407.51	0.18	336.84	75.22
41160	100.28	1.65	-6.90	-87.85	138.49	-435.67	-10.56	356.67	90.82
41161	99.44	-1.65	-6.90	-58.02	95.29	-493.05	19.86	382.34	-5.30
41162	99.50	-0.55	-6.90	-65.57	105.23	-535.13	12.59	414.42	11.53
41163	99.50	0.55	-6.90	-72.48	114.58	-577.42	3.91	445.80	31.29
41164	99.44	1.65	-6.90	-78.45	123.05	-619.77	-6.06	476.15	53.94
41165	98.59	-1.65	-6.90	-16.57	82.39	-651.60	19.11	409.39	-58.38
41166	98.65	-0.55	-6.90	-20.71	90.74	-711.80	14.19	448.42	-39.54
41167	98.65	0.55	-6.90	-24.37	98.73	-772.22	8.28	486.55	-16.84
41168	98.59	1.65	-6.90	-27.34	106.13	-832.65	1.45	523.34	9.71
41169	101.97	-1.65	-8.30	-4.82	179.87	-267.42	18.72	83.40	159.02
41170	102.02	-0.55	-8.30	-6.45	193.02	-286.22	11.07	82.07	161.82
41171	102.02	0.55	-8.30	-7.66	205.18	-305.77	2.08	80.90	164.89
41172	101.97	1.65	-8.30	-8.50	216.20	-327.43	-8.38	80.89	168.65
41173	101.12	-1.65	-8.30	-11.63	174.54	-337.29	31.53	195.45	110.49
41174	101.18	-0.55	-8.30	-15.47	188.72	-362.52	23.14	204.65	118.18
41175	101.18	0.55	-8.30	-18.85	202.24	-388.20	13.16	214.03	126.64
41176	101.12	1.65	-8.30	-21.98	215.13	-414.26	1.87	223.75	135.56
41177	100.28	-1.65	-8.30	-6.03	169.86	-421.29	42.28	283.41	59.76
41178	100.34	-0.55	-8.30	-11.14	185.09	-454.66	33.81	302.78	71.59
41179	100.34	0.55	-8.30	-15.70	199.72	-488.26	23.83	321.88	84.94
41180	100.28	1.65	-8.30	-19.47	213.55	-521.83	12.63	340.49	99.64
41181	99.44	-1.65	-8.30	21.07	165.12	-523.71	50.53	343.12	7.75
41182	99.50	-0.55	-8.30	16.68	180.99	-567.79	43.08	371.39	22.87
41183	99.50	0.55	-8.30	12.97	196.31	-612.06	34.21	399.04	40.47
41184	99.44	1.65	-8.30	10.22	210.74	-656.30	24.12	425.77	60.49

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]
41185	98.59	-1.65	-8.30	64.03	160.44	-628.53	55.14	360.23	-43.05
41186	98.65	-0.55	-8.30	62.40	176.41	-685.01	49.55	394.16	-26.42
41187	98.65	0.55	-8.30	61.37	191.96	-741.69	42.80	427.30	-6.51
41188	98.59	1.65	-8.30	61.16	206.79	-798.30	34.99	459.26	16.65
41189	77.83	-1.65	-2.70	126.30	-10.72	-833.73	2.38	9.80	-366.55
41190	77.83	-0.55	-2.70	129.38	-17.44	-954.34	2.92	11.20	-343.93
41191	77.83	0.55	-2.70	130.43	-27.00	-1074.10	3.14	12.56	-311.77
41192	77.83	1.65	-2.70	129.18	-40.44	-1192.32	3.04	13.90	-270.29
41193	76.60	-1.65	-2.70	130.76	-11.57	-834.37	-0.53	-39.09	-362.36
41194	76.60	-0.55	-2.70	133.31	-18.60	-953.67	1.34	-42.24	-339.74
41195	76.60	0.55	-2.70	133.78	-28.47	-1072.11	3.14	-45.14	-307.65
41196	76.60	1.65	-2.70	131.94	-42.23	-1189.03	4.87	-47.65	-266.33
41197	75.37	-1.65	-2.70	130.03	-13.60	-830.08	-3.46	-87.12	-353.67
41198	75.36	-0.55	-2.70	131.53	-21.29	-947.22	-0.26	-94.41	-331.20
41199	75.36	0.55	-2.70	130.93	-31.85	-1063.57	3.13	-101.15	-299.44
41200	75.37	1.65	-2.70	128.07	-46.28	-1178.57	6.67	-107.09	-258.62
41201	74.14	-1.65	-2.70	124.48	-16.73	-821.29	-6.17	-133.16	-340.83
41202	74.12	-0.55	-2.70	124.48	-25.46	-935.51	-1.64	-143.96	-318.67
41203	74.12	0.55	-2.70	122.42	-37.09	-1049.12	3.30	-153.93	-287.49
41204	74.14	1.65	-2.70	118.18	-52.54	-1161.67	8.60	-162.75	-247.52
41205	72.90	-1.65	-2.70	114.68	-20.87	-808.82	-8.53	-176.13	-324.29
41206	72.89	-0.55	-2.70	112.86	-31.03	-919.53	-2.75	-189.66	-302.60
41207	72.89	0.55	-2.70	109.05	-44.13	-1029.88	3.68	-202.11	-272.25
41208	72.90	1.65	-2.70	103.17	-60.98	-1139.57	10.67	-213.13	-233.45
41209	71.67	-1.65	-2.70	101.38	-25.85	-793.87	-10.58	-215.15	-304.54
41210	71.65	-0.55	-2.70	97.56	-37.86	-900.66	-3.66	-230.51	-283.50
41211	71.65	0.55	-2.70	91.87	-52.87	-1007.40	4.13	-244.59	-254.21
41212	71.67	1.65	-2.70	84.24	-71.55	-1114.00	12.72	-257.03	-216.88
41213	70.44	-1.65	-2.70	85.42	-31.40	-777.90	-12.50	-249.65	-282.07
41214	70.41	-0.55	-2.70	79.63	-45.73	-880.56	-4.65	-265.87	-261.81
41215	70.41	0.55	-2.70	72.13	-63.16	-983.56	4.33	-280.67	-233.77
41216	70.44	1.65	-2.70	62.83	-84.18	-1086.98	14.39	-293.72	-198.17
41217	69.20	-1.65	-2.70	67.65	-37.16	-762.56	-14.64	-279.44	-257.25
41218	69.18	-0.55	-2.70	60.14	-54.35	-861.09	-6.16	-295.53	-237.81
41219	69.18	0.55	-2.70	51.14	-74.79	-960.33	3.78	-310.20	-211.16
41220	69.20	1.65	-2.70	40.45	-98.72	-1060.61	15.15	-323.09	-177.48
41221	67.97	-1.65	-2.70	48.71	-42.67	-749.44	-17.46	-304.78	-230.17
41222	67.94	-0.55	-2.70	40.00	-63.35	-843.96	-8.74	-319.88	-211.52
41223	67.94	0.55	-2.70	30.04	-87.47	-939.56	1.88	-333.63	-186.29
41224	67.97	1.65	-2.70	18.47	-114.98	-1036.81	14.43	-345.68	-154.63
41225	66.74	-1.65	-2.70	28.79	-47.46	-739.78	-21.37	-326.45	-200.63
41226	66.70	-0.55	-2.70	19.66	-72.31	-830.49	-12.82	-339.83	-182.57
41227	66.70	0.55	-2.70	9.53	-100.84	-922.57	-1.78	-352.05	-158.66
41228	66.74	1.65	-2.70	-2.21	-132.68	-1016.88	11.80	-362.71	-129.04
41229	65.51	-1.65	-2.70	7.26	-51.22	-734.17	-26.34	-345.48	-168.09
41230	65.47	-0.55	-2.70	-1.38	-80.84	-821.19	-18.32	-356.64	-150.28
41231	65.47	0.55	-2.70	-10.61	-114.58	-909.77	-7.18	-366.93	-127.46
41232	65.51	1.65	-2.70	-21.57	-151.61	-1001.14	7.41	-375.81	-99.79
41233	64.27	-1.65	-2.70	-17.77	-54.03	-732.50	-31.05	-362.65	-132.26
41234	64.23	-0.55	-2.70	-25.31	-88.48	-815.73	-24.12	-371.15	-114.11
41235	64.23	0.55	-2.70	-32.13	-128.43	-900.59	-13.52	-379.46	-91.87
41236	64.27	1.65	-2.70	-40.63	-171.96	-988.89	2.37	-386.43	-66.09
41237	63.04	-1.65	-2.70	-49.57	-56.69	-735.62	-31.40	-377.24	-94.94
41238	62.99	-0.55	-2.70	-57.02	-94.40	-814.99	-27.24	-381.89	-74.93
41239	62.99	0.55	-2.70	-58.89	-142.05	-895.10	-19.57	-389.15	-51.67
41240	63.04	1.65	-2.70	-60.98	-194.95	-979.63	-1.70	-395.32	-28.16
41241	61.81	-1.65	-2.70	-90.49	-61.44	-748.09	-19.85	-387.55	-64.22
41242	61.76	-0.55	-2.70	-103.28	-97.11	-825.07	-22.44	-383.59	-38.66
41243	61.76	0.55	-2.70	-97.29	-153.64	-896.79	-24.79	-392.50	-8.15
41244	61.81	1.65	-2.70	-83.69	-222.50	-973.51	-5.51	-404.17	12.66
41245	60.58	-1.65	-2.70	-140.40	-70.12	-791.00	7.39	-394.72	-57.62
41246	60.52	-0.55	-2.70	-168.52	-102.96	-880.83	-9.30	-369.53	-14.28
41247	60.52	0.55	-2.70	-155.77	-165.13	-936.13	-29.65	-382.28	35.04
41248	60.58	1.65	-2.70	-112.36	-252.24	-981.63	-18.26	-415.56	61.13
41249	59.34	-1.65	-2.70	-221.96	-88.85	-803.15	36.77	-445.74	-61.54
41250	59.28	-0.55	-2.70	-274.52	-126.74	-894.88	3.09	-412.07	-8.00
41251	59.28	0.55	-2.70	-259.92	-187.21	-928.82	-21.45	-423.96	48.00
41252	59.34	1.65	-2.70	-176.41	-279.58	-924.80	-31.99	-473.27	83.23
41253	77.83	-1.65	-4.10	171.04	33.76	-762.04	14.09	2.97	-369.34
41254	77.83	-0.55	-4.10	175.15	30.93	-866.74	14.96	4.18	-351.15
41255	77.83	0.55	-4.10	177.25	25.36	-970.88	15.43	5.39	-324.90
41256	77.83	1.65	-4.10	177.12	16.16	-1074.13	15.50	6.60	-290.80
41257	76.60	-1.65	-4.10	175.46	32.56	-762.92	12.68	-38.66	-365.25
41258	76.60	-0.55	-4.10	179.18	29.53	-866.68	14.82	-41.20	-347.11
41259	76.60	0.55	-4.10	180.85	23.74	-969.89	16.75	-43.47	-320.96
41260	76.60	1.65	-4.10	180.28	14.34	-1072.23	18.45	-45.38	-287.02
41261	75.37	-1.65	-4.10	175.25	30.14	-760.24	11.21	-79.76	-357.33
41262	75.36	-0.55	-4.10	178.17	26.60	-862.49	14.62	-85.70	-339.39
41263	75.36	0.55	-4.10	179.05	20.31	-964.28	18.00	-91.10	-313.56
41264	75.37	1.65	-4.10	177.73	10.43	-1065.33	21.31	-95.80	-280.06
41265	74.14	-1.65	-4.10	170.78	26.58	-754.37	9.85	-119.40	-345.85
41266	74.12	-0.55	-4.10	172.59	22.23	-854.62	14.51	-128.25	-328.24
41267	74.12	0.55	-4.10	172.37	15.14	-954.57	19.31	-136.30	-302.95
41268	74.14	1.65	-4.10	170.03	4.51	-1054.03	24.17	-143.33	-270.18
41269	72.90	-1.65	-4.10	162.60	21.99	-745.99	8.71	-156.77	-331.14
41270	72.89	-0.55	-4.10	163.04	16.54	-843.86	14.56	-167.90	-314.02
41271	72.89	0.55	-4.10	161.53	8.33	-941.65	20.69	-178.00	-289.47
41272	72.90	1.65	-4.10	158.01	-3.36	-1039.30	27.01	-186.83	-257.71
41273	71.67	-1.65	-4.10	151.38	16.56	-736.03	7.79	-191.22	-313.59
41274	71.65	-0.55	-4.10	150.34	9.68	-831.26	14.71	-203.90	-297.09
41275	71.65	0.55	-4.10	147.46	0.01	-926.70	22.05	-215.36	-273.48
41276	71.67	1.65	-4.10	142.70	-13.05	-1022.40	29.73	-225.37	-242.95
41277	70.44	-1.65	-4.10	137.84	10.56	-725.60	7.02	-222.31	-293.58
41278	70.41	-0.55	-4.10	135.36	1.90	-818.08	14.81	-235.76	-277.81
41279	70.41	0.55	-4.10	131.18	-9.61	-911.08	23.19	-247.87	-255.28
41280	70.44	1.65	-4.10	125.28	-24.42	-1004.81	32.09	-258.41	-226.21
41281	69.20	-1.65	-4.10	122.70	4.33	-715.87	6.22	-249.83	-271.43
41282	69.18	-0.55	-4.10	118.98	-6.50	-805.58	14.64	-263.29	-256.43
41283	69.18	0.55	-4.10	113.76	-20.27	-896.16	23.85	-275.35	-235.10

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]
41284	69.20	1.65	-4.10	106.96	-37.25	-987.95	33.79	-285.79	-207.62
41285	67.97	-1.65	-4.10	106.50	-1.70	-707.90	5.21	-273.86	-247.35
41286	67.94	-0.55	-4.10	101.94	-15.14	-794.93	13.96	-286.61	-233.09
41287	67.94	0.55	-4.10	96.10	-31.65	-883.12	23.74	-297.98	-212.98
41288	67.97	1.65	-4.10	88.80	-51.28	-973.03	34.55	-307.77	-187.19
41289	66.74	-1.65	-4.10	89.53	-7.08	-702.51	3.90	-294.61	-221.41
41290	66.70	-0.55	-4.10	84.71	-23.61	-786.94	12.65	-306.07	-207.77
41291	66.70	0.55	-4.10	78.84	-43.39	-872.77	22.74	-316.26	-188.82
41292	66.74	1.65	-4.10	71.60	-66.19	-960.81	34.23	-324.94	-164.75
41293	65.51	-1.65	-4.10	71.79	-11.46	-700.25	2.47	-312.27	-193.65
41294	65.47	-0.55	-4.10	67.35	-31.53	-782.03	10.92	-322.02	-180.43
41295	65.47	0.55	-4.10	62.21	-55.11	-865.39	21.04	-330.70	-162.51
41296	65.51	1.65	-4.10	55.77	-81.67	-951.45	33.05	-337.97	-140.12
41297	64.27	-1.65	-4.10	53.24	-14.72	-701.63	1.66	-326.81	-164.51
41298	64.23	-0.55	-4.10	49.65	-38.47	-780.55	9.50	-334.51	-151.40
41299	64.23	0.55	-4.10	46.11	-66.41	-861.06	19.14	-341.57	-134.19
41300	64.27	1.65	-4.10	41.61	-97.51	-944.79	31.56	-347.41	-113.45
41301	63.04	-1.65	-4.10	34.83	-17.01	-707.70	3.04	-338.40	-135.66
41302	62.99	-0.55	-4.10	31.83	-43.77	-783.49	9.67	-343.20	-122.12
41303	62.99	0.55	-4.10	30.80	-76.59	-860.21	17.55	-348.88	-104.57
41304	63.04	1.65	-4.10	30.10	-113.55	-940.57	30.06	-354.12	-85.38
41305	61.81	-1.65	-4.10	19.99	-18.22	-720.66	8.26	-349.50	-111.32
41306	61.76	-0.55	-4.10	16.46	-46.40	-794.76	12.19	-348.87	-95.64
41307	61.76	0.55	-4.10	18.51	-84.64	-865.69	16.11	-353.56	-74.90
41308	61.81	1.65	-4.10	23.74	-129.25	-938.60	27.75	-360.92	-56.40
41309	60.58	-1.65	-4.10	16.30	-15.83	-731.95	15.22	-374.25	-96.60
41310	60.52	-0.55	-4.10	14.37	-43.66	-807.08	15.36	-367.00	-75.55
41311	60.52	0.55	-4.10	19.69	-88.21	-868.90	14.50	-370.93	-48.32
41312	60.58	1.65	-4.10	28.68	-142.04	-927.15	25.39	-380.99	-29.46
41313	59.34	-1.65	-4.10	22.57	0.68	-690.17	11.89	-431.99	-87.04
41314	59.28	-0.55	-4.10	27.75	-31.27	-754.84	11.16	-426.06	-57.57
41315	59.28	0.55	-4.10	36.81	-82.02	-800.16	7.83	-429.94	-28.79
41316	59.34	1.65	-4.10	43.10	-143.12	-848.24	23.73	-432.35	-14.18
41317	77.83	-1.65	-5.50	227.62	87.71	-702.98	27.31	-2.89	-366.72
41318	77.83	-0.55	-5.50	233.75	91.53	-794.27	28.46	-2.01	-352.76
41319	77.83	0.55	-5.50	237.96	92.84	-885.29	29.14	-1.11	-331.97
41320	77.83	1.65	-5.50	240.07	90.87	-975.96	29.35	-0.18	-304.51
41321	76.60	-1.65	-5.50	231.61	86.18	-703.93	26.69	-37.91	-362.66
41322	76.60	-0.55	-5.50	237.42	89.88	-794.57	29.03	-40.17	-348.78
41323	76.60	0.55	-5.50	241.27	91.08	-884.95	31.03	-42.18	-328.10
41324	76.60	1.65	-5.50	243.02	89.02	-975.01	32.65	-43.86	-300.77
41325	75.37	-1.65	-5.50	231.45	83.45	-702.41	26.06	-72.72	-355.30
41326	75.36	-0.55	-5.50	236.62	86.79	-792.05	29.58	-77.84	-341.62
41327	75.36	0.55	-5.50	239.84	87.64	-881.53	32.88	-82.47	-321.22
41328	75.37	1.65	-5.50	240.98	85.28	-970.79	35.89	-86.49	-294.28
41329	74.14	-1.65	-5.50	227.49	79.58	-698.73	25.55	-106.61	-344.84
41330	74.12	-0.55	-5.50	231.76	82.33	-787.09	30.22	-114.20	-331.48
41331	74.12	0.55	-5.50	234.11	82.61	-875.42	34.77	-121.06	-311.54
41332	74.14	1.65	-5.50	234.47	79.74	-963.74	39.12	-127.06	-285.20
41333	72.90	-1.65	-5.50	220.22	74.72	-693.46	25.26	-138.98	-331.54
41334	72.89	-0.55	-5.50	223.40	76.64	-780.29	31.01	-148.53	-318.62
41335	72.89	0.55	-5.50	224.74	76.12	-867.31	36.73	-157.16	-299.32
41336	72.90	1.65	-5.50	224.21	72.52	-954.60	42.32	-164.70	-273.78
41337	71.67	-1.65	-5.50	210.25	69.04	-687.31	25.22	-169.33	-315.71
41338	71.65	-0.55	-5.50	212.25	69.90	-772.48	31.95	-180.27	-303.35
41339	71.65	0.55	-5.50	212.52	68.33	-858.09	38.71	-190.12	-284.82
41340	71.67	1.65	-5.50	211.06	63.78	-944.31	45.41	-198.72	-260.27
41341	70.44	-1.65	-5.50	198.23	62.79	-681.12	25.43	-197.33	-297.70
41342	70.41	-0.55	-5.50	199.07	62.35	-764.57	32.97	-209.05	-285.98
41343	70.41	0.55	-5.50	198.34	59.47	-848.74	40.61	-219.55	-268.33
41344	70.44	1.65	-5.50	196.04	53.73	-933.91	48.27	-228.70	-244.90
41345	69.20	-1.65	-5.50	184.84	56.30	-675.76	25.85	-222.82	-277.82
41346	69.18	-0.55	-5.50	184.67	54.31	-757.49	33.99	-234.70	-266.77
41347	69.18	0.55	-5.50	183.10	49.85	-840.24	42.30	-245.29	-250.07
41348	69.20	1.65	-5.50	180.15	42.64	-924.39	50.72	-254.48	-227.87
41349	67.97	-1.65	-5.50	170.74	49.97	-672.01	26.47	-245.78	-256.36
41350	67.94	-0.55	-5.50	169.81	46.15	-752.05	34.95	-257.23	-245.95
41351	67.94	0.55	-5.50	167.69	39.82	-833.39	43.70	-267.40	-230.21
41352	67.97	1.65	-5.50	164.37	30.87	-916.53	52.65	-276.19	-209.28
41353	66.74	-1.65	-5.50	156.51	44.23	-670.49	27.35	-266.28	-233.61
41354	66.70	-0.55	-5.50	155.17	38.31	-748.84	35.89	-276.83	-223.75
41355	66.70	0.55	-5.50	152.88	29.81	-828.70	44.80	-286.14	-208.91
41356	66.74	1.65	-5.50	149.56	18.83	-910.77	54.05	-294.15	-189.24
41357	65.51	-1.65	-5.50	142.84	39.53	-671.65	28.70	-284.52	-209.93
41358	65.47	-0.55	-5.50	141.46	31.26	-748.15	37.03	-293.77	-200.45
41359	65.47	0.55	-5.50	139.42	20.31	-826.33	45.79	-301.92	-186.38
41360	65.51	1.65	-5.50	136.55	6.98	-907.11	55.08	-308.90	-167.88
41361	64.27	-1.65	-5.50	130.81	36.30	-675.67	30.93	-301.03	-185.91
41362	64.23	-0.55	-5.50	129.64	25.56	-750.01	38.78	-308.64	-176.59
41363	64.23	0.55	-5.50	128.22	11.91	-826.05	47.00	-315.45	-163.00
41364	64.27	1.65	-5.50	126.33	-4.07	-905.03	56.00	-321.33	-145.51
41365	63.04	-1.65	-5.50	122.21	35.06	-682.08	34.58	-317.56	-162.74
41366	62.99	-0.55	-5.50	121.30	21.95	-753.88	41.61	-323.04	-153.20
41367	62.99	0.55	-5.50	120.71	5.46	-826.94	48.75	-328.36	-139.47
41368	63.04	1.65	-5.50	120.21	-13.51	-902.98	57.03	-333.39	-122.58
41369	61.81	-1.65	-5.50	119.27	36.85	-686.62	39.63	-339.04	-142.18
41370	61.76	-0.55	-5.50	118.92	21.71	-755.55	45.57	-341.93	-131.74
41371	61.76	0.55	-5.50	119.08	2.32	-824.39	51.30	-345.52	-116.90
41372	61.81	1.65	-5.50	119.45	-19.86	-895.48	58.52	-349.57	-99.90
41373	60.58	-1.65	-5.50	119.63	43.80	-673.69	44.47	-372.47	-125.34
41374	60.52	-0.55	-5.50	120.39	26.57	-737.95	49.46	-373.20	-113.10
41375	60.52	0.55	-5.50	120.89	4.24	-800.83	54.56	-374.43	-96.73
41376	60.58	1.65	-5.50	120.53	-20.64	-865.85	61.16	-375.40	-79.29
41377	59.34	-1.65	-5.50	109.70	57.09	-619.06	46.98	-411.94	-111.11
41378	59.28	-0.55	-5.50	110.08	36.04	-674.73	51.82	-410.02	-96.58
41379	59.28	0.55	-5.50	109.83	10.02	-730.23	58.87	-407.16	-81.20
41380	59.34	1.65	-5.50	108.51	-14.93	-792.01	66.07	-401.36	-65.11
41381	77.83	-1.65	-6.90	296.04	150.78	-655.58	41.87	-7.40	-354.56
41382	77.83	-0.55	-6.90	305.11	163.90	-735.51	43.28	-6.93	-344.42

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]
41383	77.83	0.55	-6.90	312.39	174.81	-815.42	44.17	-6.42	-328.50
41384	77.83	1.65	-6.90	317.74	182.84	-895.36	44.50	-5.88	-306.91
41385	76.60	-1.65	-6.90	299.22	148.92	-656.37	41.41	-36.41	-350.54
41386	76.60	-0.55	-6.90	307.95	161.99	-735.88	43.90	-38.61	-340.49
41387	76.60	0.55	-6.90	314.87	172.88	-815.39	45.95	-40.58	-324.67
41388	76.60	1.65	-6.90	319.85	180.90	-894.95	47.51	-42.28	-303.19
41389	75.37	-1.65	-6.90	298.62	145.88	-655.54	41.05	-65.51	-343.65
41390	75.36	-0.55	-6.90	306.75	158.72	-734.45	44.61	-70.15	-333.77
41391	75.36	0.55	-6.90	313.07	169.41	-813.43	47.81	-74.37	-318.19
41392	75.37	1.65	-6.90	317.49	177.27	-892.55	50.56	-78.09	-297.00
41393	74.14	-1.65	-6.90	294.53	141.77	-653.36	40.91	-94.17	-334.03
41394	74.12	-0.55	-6.90	301.83	154.19	-731.51	45.52	-100.95	-324.43
41395	74.12	0.55	-6.90	307.36	164.50	-809.85	49.81	-107.12	-309.22
41396	74.14	1.65	-6.90	311.08	172.04	-888.50	53.70	-112.59	-288.47
41397	72.90	-1.65	-6.90	287.39	136.70	-650.26	41.10	-121.97	-321.92
41398	72.89	-0.55	-6.90	293.69	148.51	-727.51	46.69	-130.50	-312.68
41399	72.89	0.55	-6.90	298.31	158.26	-805.16	51.99	-138.24	-297.95
41400	72.90	1.65	-6.90	301.24	165.35	-883.34	56.91	-145.12	-277.79
41401	71.67	-1.65	-6.90	277.71	130.84	-646.78	41.68	-148.57	-307.56
41402	71.65	-0.55	-6.90	282.93	141.88	-723.10	48.15	-158.39	-298.77
41403	71.65	0.55	-6.90	286.58	150.91	-800.02	54.35	-167.30	-284.61
41404	71.67	1.65	-6.90	288.69	157.38	-877.76	60.17	-175.20	-265.14
41405	70.44	-1.65	-6.90	266.11	124.40	-643.59	42.70	-173.75	-291.26
41406	70.41	-0.55	-6.90	270.23	134.52	-718.94	49.92	-184.39	-282.97
41407	70.41	0.55	-6.90	272.92	142.67	-795.14	56.86	-194.00	-269.45
41408	70.44	1.65	-6.90	274.26	148.39	-872.48	63.41	-202.53	-250.75
41409	69.20	-1.65	-6.90	253.24	117.69	-641.32	44.21	-197.44	-273.35
41410	69.18	-0.55	-6.90	256.32	126.74	-715.71	52.01	-208.39	-265.58
41411	69.18	0.55	-6.90	258.15	133.85	-791.21	59.50	-218.24	-252.72
41412	69.20	1.65	-6.90	258.82	138.68	-868.18	66.57	-227.00	-234.81
41413	67.97	-1.65	-6.90	239.81	111.04	-640.53	46.30	-219.67	-254.19
41414	67.94	-0.55	-6.90	241.96	118.90	-713.96	54.46	-230.44	-246.89
41415	67.94	0.55	-6.90	243.07	124.84	-788.73	62.27	-240.10	-234.65
41416	67.97	1.65	-6.90	243.23	128.66	-865.30	69.63	-248.69	-217.51
41417	66.74	-1.65	-6.90	226.55	104.86	-641.62	49.12	-240.61	-234.18
41418	66.70	-0.55	-6.90	227.93	111.42	-714.02	57.42	-250.75	-227.25
41419	66.70	0.55	-6.90	228.48	116.09	-787.94	65.29	-259.83	-215.54
41420	66.74	1.65	-6.90	228.31	118.79	-863.97	72.68	-267.92	-199.08
41421	65.51	-1.65	-6.90	214.33	99.61	-644.64	52.90	-260.67	-213.81
41422	65.47	-0.55	-6.90	215.04	104.81	-715.80	61.12	-269.78	-207.09
41423	65.47	0.55	-6.90	215.16	108.12	-788.61	68.78	-277.92	-195.73
41424	65.51	1.65	-6.90	214.82	109.63	-863.79	75.91	-285.24	-179.78
41425	64.27	-1.65	-6.90	204.08	95.82	-648.95	57.99	-280.71	-193.73
41426	64.23	-0.55	-6.90	204.15	99.63	-718.52	65.91	-288.40	-186.97
41427	64.23	0.55	-6.90	203.86	101.56	-789.72	73.10	-295.31	-175.69
41428	64.27	1.65	-6.90	203.40	101.85	-863.47	79.65	-301.62	-159.97
41429	63.04	-1.65	-6.90	196.49	94.08	-652.19	64.71	-302.45	-174.78
41430	62.99	-0.55	-6.90	195.83	96.60	-719.63	72.20	-308.33	-167.67
41431	62.99	0.55	-6.90	194.97	97.21	-788.51	78.69	-313.64	-156.06
41432	63.04	1.65	-6.90	194.16	96.29	-859.95	84.39	-318.65	-140.17
41433	61.81	-1.65	-6.90	190.63	95.14	-648.37	73.16	-328.05	-157.88
41434	61.76	-0.55	-6.90	188.95	96.50	-712.87	80.26	-331.70	-150.03
41435	61.76	0.55	-6.90	187.11	95.93	-778.56	86.07	-334.85	-137.69
41436	61.81	1.65	-6.90	185.43	93.95	-846.72	90.81	-337.84	-121.14
41437	60.58	-1.65	-6.90	182.15	99.45	-627.39	83.22	-356.76	-143.65
41438	60.52	-0.55	-6.90	178.81	99.67	-688.02	90.29	-357.40	-134.77
41439	60.52	0.55	-6.90	175.36	98.14	-749.87	95.87	-357.40	-121.66
41440	60.58	1.65	-6.90	172.30	95.56	-814.40	99.81	-357.13	-104.19
41441	59.34	-1.65	-6.90	166.04	106.78	-579.74	94.82	-380.97	-132.19
41442	59.28	-0.55	-6.90	160.43	105.83	-636.32	102.61	-377.13	-122.37
41443	59.28	0.55	-6.90	154.98	103.67	-694.57	108.41	-372.62	-109.01
41444	59.34	1.65	-6.90	150.44	101.27	-756.05	111.92	-367.75	-90.89
41445	77.83	-1.65	-8.30	376.12	222.13	-618.63	57.54	-10.23	-328.86
41446	77.83	-0.55	-8.30	389.02	247.13	-689.02	59.21	-10.17	-321.97
41447	77.83	0.55	-8.30	400.28	270.31	-759.56	60.29	-10.07	-310.33
41448	77.83	1.65	-8.30	409.78	290.93	-830.29	60.76	-9.93	-293.93
41449	76.60	-1.65	-8.30	378.16	219.89	-619.07	56.59	-33.73	-324.97
41450	76.60	-0.55	-8.30	390.63	244.92	-689.21	59.24	-35.95	-318.16
41451	76.60	0.55	-8.30	401.44	268.16	-759.52	61.34	-37.97	-306.60
41452	76.60	1.65	-8.30	410.49	288.85	-830.03	62.88	-39.79	-290.29
41453	75.37	-1.65	-8.30	376.66	216.55	-618.53	55.93	-57.54	-318.58
41454	75.36	-0.55	-8.30	388.44	241.44	-688.33	59.54	-61.87	-311.92
41455	75.36	0.55	-8.30	398.58	264.57	-758.37	62.66	-65.85	-300.52
41456	75.37	1.65	-8.30	407.00	285.21	-828.70	65.22	-69.45	-284.40
41457	74.14	-1.65	-8.30	371.83	212.19	-617.19	55.69	-81.33	-309.81
41458	74.12	-0.55	-8.30	382.71	236.77	-686.59	60.23	-87.52	-303.36
41459	74.12	0.55	-8.30	392.00	259.65	-756.34	64.32	-93.23	-292.22
41460	74.14	1.65	-8.30	399.65	280.10	-826.52	67.85	-98.41	-276.38
41461	72.90	-1.65	-8.30	364.03	206.90	-615.38	55.97	-104.81	-298.84
41462	72.89	-0.55	-8.30	373.83	231.03	-684.35	61.41	-112.57	-292.67
41463	72.89	0.55	-8.30	382.12	253.52	-753.82	66.38	-119.72	-281.85
41464	72.90	1.65	-8.30	388.91	273.68	-823.89	70.79	-126.22	-266.37
41465	71.67	-1.65	-8.30	353.67	200.83	-613.54	56.88	-127.78	-285.90
41466	71.65	-0.55	-8.30	362.28	224.38	-682.06	63.14	-136.77	-280.05
41467	71.65	0.55	-8.30	369.49	246.36	-751.26	68.90	-145.04	-269.60
41468	71.67	1.65	-8.30	375.35	266.12	-821.29	74.06	-152.58	-254.50
41469	70.44	-1.65	-8.30	341.28	194.15	-612.14	58.53	-150.17	-271.26
41470	70.41	-0.55	-8.30	348.63	217.03	-680.21	65.49	-160.00	-265.75
41471	70.41	0.55	-8.30	354.72	238.40	-749.17	71.91	-169.02	-255.67
41472	70.44	1.65	-8.30	359.65	257.68	-819.21	77.65	-177.28	-240.97
41473	69.20	-1.65	-8.30	327.43	187.09	-611.65	61.00	-171.98	-255.24
41474	69.18	-0.55	-8.30	333.49	209.23	-679.28	68.56	-182.24	-250.06
41475	69.18	0.55	-8.30	338.45	229.93	-748.00	75.46	-191.64	-240.33
41476	69.20	1.65	-8.30	342.48	248.69	-818.06	81.58	-200.28	-225.99
41477	67.97	-1.65	-8.30	312.75	179.93	-612.41	64.46	-193.36	-238.22
41478	67.94	-0.55	-8.30	317.52	201.30	-679.58	72.45	-203.62	-233.33
41479	67.94	0.55	-8.30	321.38	221.31	-748.02	79.64	-213.01	-223.87
41480	67.97	1.65	-8.30	324.53	239.52	-818.05	85.93	-221.68	-209.78
41481	66.74	-1.65	-8.30	297.93	172.98	-614.57	69.10	-214.55	-220.68

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]
41482	66.70	-0.55	-8.30	301.39	193.61	-681.18	77.38	-224.38	-215.95
41483	66.70	0.55	-8.30	304.13	212.95	-749.19	84.66	-233.36	-206.63
41484	66.74	1.65	-8.30	306.42	230.65	-819.00	90.86	-241.73	-192.64
41485	65.51	-1.65	-8.30	283.61	166.62	-617.80	75.22	-235.98	-203.16
41486	65.47	-0.55	-8.30	285.69	186.59	-683.63	83.63	-244.92	-198.42
41487	65.47	0.55	-8.30	287.25	205.34	-750.92	90.80	-253.10	-189.04
41488	65.51	1.65	-8.30	288.60	222.60	-820.17	96.66	-260.80	-174.94
41489	64.27	-1.65	-8.30	270.26	161.26	-620.91	83.17	-258.22	-186.31
41490	64.23	-0.55	-8.30	270.79	180.70	-685.59	91.63	-265.83	-181.35
41491	64.23	0.55	-8.30	270.95	199.00	-751.71	98.50	-272.76	-171.67
41492	64.27	1.65	-8.30	271.16	215.94	-819.87	103.79	-279.37	-157.17
41493	63.04	-1.65	-8.30	257.69	157.31	-621.23	93.36	-281.83	-170.87
41494	62.99	-0.55	-8.30	256.33	176.44	-684.27	101.87	-287.60	-165.46
41495	62.99	0.55	-8.30	254.74	194.48	-748.63	108.36	-292.75	-155.21
41496	63.04	1.65	-8.30	253.45	211.28	-815.01	112.91	-297.73	-139.99
41497	61.81	-1.65	-8.30	244.57	155.12	-614.28	106.24	-306.42	-157.57
41498	61.76	-0.55	-8.30	240.81	174.16	-675.11	114.94	-309.69	-151.54
41499	61.76	0.55	-8.30	236.93	192.19	-737.13	121.12	-312.37	-140.50
41500	61.81	1.65	-8.30	233.65	209.07	-801.12	124.86	-314.98	-124.29
41501	60.58	-1.65	-8.30	228.70	154.77	-594.65	122.30	-329.24	-147.00
41502	60.52	-0.55	-8.30	221.94	173.97	-652.92	131.55	-329.17	-140.33
41503	60.52	0.55	-8.30	215.18	192.26	-712.30	137.63	-328.53	-128.49
41504	60.58	1.65	-8.30	209.41	209.53	-773.62	140.62	-327.87	-111.21
41505	59.34	-1.65	-8.30	208.50	155.92	-558.51	142.17	-344.47	-139.43
41506	59.28	-0.55	-8.30	198.28	175.52	-614.43	152.51	-340.21	-132.40
41507	59.28	0.55	-8.30	188.17	194.39	-671.54	158.84	-335.44	-120.04
41508	59.34	1.65	-8.30	179.51	212.40	-730.67	161.21	-330.63	-101.97
41509	58.31	-1.65	-2.70	-243.33	-88.74	-540.16	67.22	-484.42	29.49
41510	58.25	-0.55	-2.70	-290.45	-99.09	-459.70	-24.18	-458.49	-1.06
41511	58.25	0.55	-2.70	-261.91	-149.13	-472.14	-67.06	-465.06	26.37
41512	58.31	1.65	-2.70	-148.69	-247.32	-504.90	-137.61	-516.57	10.61
41513	57.46	-1.65	-2.70	-17.96	-57.28	-306.64	65.97	-262.87	161.48
41514	57.40	-0.55	-2.70	64.87	-16.72	-33.44	-76.92	-128.74	30.07
41515	57.40	0.55	-2.70	99.51	-49.34	-35.64	-154.89	-126.23	4.58
41516	57.46	1.65	-2.70	106.97	-143.21	-86.67	-278.86	-262.08	-50.60
41517	56.62	-1.65	-2.70	56.61	-52.11	-341.37	30.16	-220.69	191.68
41518	56.56	-0.55	-2.70	151.70	7.56	-36.93	-138.58	-80.83	48.21
41519	56.56	0.55	-2.70	200.26	-33.59	-41.90	-235.24	-72.71	12.72
41520	56.62	1.65	-2.70	211.33	-78.42	12.92	-320.84	-179.99	-0.61
41521	55.78	-1.65	-2.70	24.30	1.06	-345.28	8.86	-188.80	190.15
41522	55.72	-0.55	-2.70	93.59	22.07	-36.15	-213.36	-44.16	57.08
41523	55.72	0.55	-2.70	223.91	39.62	-19.81	-344.98	-42.93	40.01
41524	55.78	1.65	-2.70	317.58	-63.40	103.63	-366.43	-122.50	55.67
41525	54.93	-1.65	-2.70	-121.86	-316.73	-424.47	-108.96	-132.92	198.19
41526	54.88	-0.55	-2.70	36.03	-151.34	-35.39	-149.18	8.78	54.15
41527	54.88	0.55	-2.70	65.20	60.61	-35.98	-232.50	-7.46	20.00
41528	54.93	1.65	-2.70	455.84	399.06	256.85	-519.11	-84.08	120.25
41529	58.31	-1.65	-4.10	-3.70	41.77	-521.33	-11.53	-474.84	-57.81
41530	58.25	-0.55	-4.10	-2.41	-22.18	-538.09	-4.21	-469.71	-22.93
41531	58.25	0.55	-4.10	7.77	-76.83	-554.31	-5.55	-469.47	-24.96
41532	58.31	1.65	-4.10	14.55	-133.31	-625.98	24.40	-454.06	-36.76
41533	57.46	-1.65	-4.10	-13.21	96.63	-319.77	-19.48	-394.66	-18.93
41534	57.40	-0.55	-4.10	-24.85	-10.00	-288.23	-18.03	-357.72	18.41
41535	57.40	0.55	-4.10	-13.16	-65.26	-270.68	-38.93	-344.91	-24.38
41536	57.46	1.65	-4.10	-0.14	-116.45	-370.61	-14.66	-333.52	-79.60
41537	56.62	-1.65	-4.10	52.29	145.79	-215.77	-16.11	-291.80	-12.58
41538	56.56	-0.55	-4.10	43.18	29.64	-179.37	-35.30	-222.00	41.06
41539	56.56	0.55	-4.10	62.51	-35.04	-136.99	-77.14	-195.70	-8.36
41540	56.62	1.65	-4.10	62.49	-105.01	-234.52	-60.57	-183.84	-96.37
41541	55.78	-1.65	-4.10	78.26	191.55	-174.52	5.56	-234.51	-36.78
41542	55.72	-0.55	-4.10	37.80	67.78	-164.50	-48.02	-141.95	35.05
41543	55.72	0.55	-4.10	84.23	5.09	-96.16	-121.25	-104.99	4.78
41544	55.78	1.65	-4.10	114.54	-111.45	-178.80	-97.45	-81.94	-95.65
41545	54.93	-1.65	-4.10	40.80	201.23	-173.62	22.12	-182.99	-198.85
41546	54.88	-0.55	-4.10	3.73	13.04	-163.86	-28.49	-39.86	-8.68
41547	54.88	0.55	-4.10	28.33	-7.48	-70.51	-77.13	-35.84	-37.14
41548	54.93	1.65	-4.10	171.31	-49.15	-116.62	-137.87	10.40	-208.39
41549	58.31	-1.65	-5.50	80.50	78.17	-497.82	48.22	-428.82	-96.92
41550	58.25	-0.55	-5.50	78.21	51.07	-542.84	53.41	-419.12	-79.70
41551	58.25	0.55	-5.50	76.42	18.82	-590.51	62.72	-408.75	-70.55
41552	58.31	1.65	-5.50	76.74	-0.95	-653.47	70.00	-394.30	-60.83
41553	57.46	-1.65	-5.50	55.93	101.27	-343.90	49.87	-387.77	-81.90
41554	57.40	-0.55	-5.50	51.07	71.09	-381.43	56.93	-364.52	-62.82
41555	57.40	0.55	-5.50	47.07	31.49	-423.73	64.30	-342.56	-63.48
41556	57.46	1.65	-5.50	48.48	18.57	-492.59	69.95	-317.73	-66.20
41557	56.62	-1.65	-5.50	59.53	116.29	-224.03	58.43	-311.90	-73.33
41558	56.56	-0.55	-5.50	45.85	92.93	-263.51	65.88	-269.39	-50.37
41559	56.56	0.55	-5.50	37.69	49.97	-304.58	62.44	-233.97	-56.89
41560	56.62	1.65	-5.50	43.60	38.52	-380.16	60.39	-198.41	-72.93
41561	55.78	-1.65	-5.50	91.83	126.59	-150.57	78.79	-247.20	-85.40
41562	55.72	-0.55	-5.50	47.44	124.58	-203.07	77.49	-179.62	-67.99
41563	55.72	0.55	-5.50	28.88	70.40	-246.37	47.67	-125.93	-67.08
41564	55.78	1.65	-5.50	49.70	53.87	-324.21	34.61	-79.65	-83.13
41565	54.93	-1.65	-5.50	111.28	190.26	-90.96	100.74	-196.46	-263.73
41566	54.88	-0.55	-5.50	14.60	116.29	-179.78	42.52	-64.61	-131.79
41567	54.88	0.55	-5.50	3.27	33.00	-230.90	22.87	-42.02	-127.14
41568	54.93	1.65	-5.50	52.71	39.85	-314.66	-5.30	27.03	-206.42
41569	58.31	-1.65	-6.90	138.34	116.95	-492.81	109.80	-386.17	-121.80
41570	58.25	-0.55	-6.90	130.51	114.80	-546.76	119.70	-375.54	-111.87
41571	58.25	0.55	-6.90	122.85	113.04	-603.12	126.15	-364.47	-99.49
41572	58.31	1.65	-6.90	116.71	111.58	-663.54	129.41	-352.80	-82.19
41573	57.46	-1.65	-6.90	109.33	126.08	-379.25	131.38	-353.25	-110.73
41574	57.40	-0.55	-6.90	99.06	125.17	-434.80	144.42	-333.18	-102.07
41575	57.40	0.55	-6.90	89.29	124.87	-493.65	150.86	-313.42	-92.26
41576	57.46	1.65	-6.90	82.89	126.09	-557.33	152.58	-293.06	-78.09
41577	56.62	-1.65	-6.90	97.17	126.70	-270.50	158.06	-290.69	-98.08
41578	56.56	-0.55	-6.90	81.51	130.00	-334.82	180.68	-257.68	-90.94
41579	56.56	0.55	-6.90	65.10	144.26	-400.45	182.38	-226.59	-83.46
41580	56.62	1.65	-6.90	63.02	143.92	-474.51	172.31	-196.07	-72.20

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]
41581	55.78	-1.65	-6.90	118.02	103.44	-188.54	191.95	-237.60	-75.28
41582	55.72	-0.55	-6.90	72.06	151.16	-258.90	226.68	-178.66	-77.70
41583	55.72	0.55	-6.90	23.57	151.43	-339.52	208.55	-124.29	-64.88
41584	55.78	1.65	-6.90	33.85	174.09	-415.31	172.91	-77.52	-47.77
41585	54.93	-1.65	-6.90	184.23	240.24	-106.64	207.83	-186.43	-185.01
41586	54.88	-0.55	-6.90	13.13	153.68	-244.85	111.72	-74.67	-106.46
41587	54.88	0.55	-6.90	1.71	101.93	-322.48	99.14	-44.20	-91.01
41588	54.93	1.65	-6.90	-46.25	59.05	-422.39	128.95	20.14	-112.06
41589	58.31	-1.65	-8.30	182.04	158.09	-498.08	170.22	-342.87	-134.35
41590	58.25	-0.55	-8.30	167.90	178.29	-553.21	182.71	-333.34	-127.58
41591	58.25	0.55	-8.30	153.70	198.46	-609.56	189.70	-323.55	-115.43
41592	58.31	1.65	-8.30	141.74	217.78	-668.05	191.14	-313.66	-97.33
41593	57.46	-1.65	-8.30	156.57	158.61	-417.67	211.80	-311.51	-130.47
41594	57.40	-0.55	-8.30	137.98	181.37	-475.72	228.06	-296.38	-124.94
41595	57.40	0.55	-8.30	118.73	203.25	-535.29	235.52	-281.62	-113.92
41596	57.46	1.65	-8.30	103.45	225.24	-596.79	234.93	-266.57	-96.90
41597	56.62	-1.65	-8.30	147.20	151.59	-331.50	267.25	-250.38	-121.23
41598	56.56	-0.55	-8.30	121.73	176.96	-400.57	296.82	-230.58	-120.46
41599	56.56	0.55	-8.30	91.24	214.42	-468.91	302.00	-210.16	-110.13
41600	56.62	1.65	-8.30	75.61	235.04	-541.42	288.29	-192.82	-91.20
41601	55.78	-1.65	-8.30	165.68	122.36	-230.39	357.58	-191.14	-87.92
41602	55.72	-0.55	-8.30	118.71	191.14	-314.85	406.92	-148.43	-98.32
41603	55.72	0.55	-8.30	55.78	209.40	-413.69	400.31	-104.68	-83.58
41604	55.78	1.65	-8.30	47.25	256.90	-500.63	360.32	-76.53	-52.35
41605	54.93	-1.65	-8.30	203.21	243.41	-156.70	488.54	-186.98	43.06
41606	54.88	-0.55	-8.30	43.82	191.25	-311.34	401.33	-68.53	119.87
41607	54.88	0.55	-8.30	56.45	159.04	-384.53	397.18	-9.40	135.51
41608	54.93	1.65	-8.30	-19.87	121.59	-482.67	452.80	71.78	100.81
41609	97.48	2.50	-2.70	-936.24	-483.30	-1710.66	-252.20	664.24	108.09
41610	97.39	3.10	-2.70	-960.81	-513.66	-1784.19	-267.58	688.73	129.45
41611	96.25	2.50	-2.70	-696.54	-391.22	-1561.75	-184.27	503.52	43.70
41612	96.17	3.10	-2.70	-716.79	-416.75	-1635.72	-196.21	521.91	59.79
41613	95.02	2.50	-2.70	-554.59	-317.45	-1357.35	-151.91	488.69	3.89
41614	94.95	3.10	-2.70	-571.29	-339.79	-1426.22	-162.53	506.10	20.06
41615	93.79	2.50	-2.70	-451.28	-267.76	-1251.38	-128.52	478.69	-27.70
41616	93.73	3.10	-2.70	-465.35	-288.04	-1317.63	-138.20	495.43	-11.02
41617	92.57	2.50	-2.70	-369.61	-228.98	-1184.40	-109.56	471.85	-54.87
41618	92.50	3.10	-2.70	-381.63	-247.73	-1249.01	-118.64	487.92	-37.38
41619	91.34	2.50	-2.70	-300.25	-197.20	-1145.70	-93.06	464.53	-79.53
41620	91.28	3.10	-2.70	-310.63	-214.74	-1209.25	-101.70	479.93	-60.97
41621	90.11	2.50	-2.70	-238.25	-170.22	-1127.67	-78.19	454.16	-102.61
41622	90.06	3.10	-2.70	-247.26	-186.74	-1190.57	-86.45	468.84	-82.80
41623	88.88	2.50	-2.70	-181.09	-146.87	-1125.54	-64.62	438.86	-124.51
41624	88.84	3.10	-2.70	-188.93	-162.51	-1188.08	-72.51	452.73	-103.33
41625	87.66	2.50	-2.70	-127.70	-126.53	-1135.39	-52.28	417.29	-145.29
41626	87.62	3.10	-2.70	-134.49	-141.37	-1197.81	-59.74	430.25	-122.67
41627	86.43	2.50	-2.70	-77.85	-108.87	-1153.74	-41.21	388.67	-164.77
41628	86.39	3.10	-2.70	-83.70	-122.98	-1216.22	-48.13	400.56	-140.71
41629	85.20	2.50	-2.70	-31.86	-93.70	-1177.33	-31.44	352.64	-182.63
41630	85.17	3.10	-2.70	-36.86	-107.17	-1239.98	-37.72	363.31	-157.17
41631	83.97	2.50	-2.70	9.68	-80.97	-1203.13	-23.01	309.34	-198.42
41632	83.95	3.10	-2.70	5.41	-93.87	-1266.01	-28.53	318.62	-171.69
41633	82.75	2.50	-2.70	46.01	-70.66	-1228.38	-15.88	259.31	-211.70
41634	82.73	3.10	-2.70	42.36	-83.09	-1291.48	-20.53	267.03	-183.85
41635	81.52	2.50	-2.70	76.43	-62.78	-1250.68	-9.95	203.47	-222.04
41636	81.51	3.10	-2.70	73.23	-74.84	-1313.91	-13.61	209.52	-193.27
41637	80.29	2.50	-2.70	100.28	-57.35	-1268.04	-5.02	143.09	-229.06
41638	80.28	3.10	-2.70	97.37	-69.16	-1331.26	-7.63	147.38	-199.62
41639	79.06	2.50	-2.70	117.11	-54.41	-1278.96	-0.88	79.67	-232.53
41640	79.06	3.10	-2.70	114.30	-66.09	-1341.98	-2.35	82.17	-202.68
41641	97.48	2.50	-4.10	-316.97	-216.58	-1397.54	-122.42	590.60	11.34
41642	97.39	3.10	-4.10	-322.65	-229.24	-1455.68	-124.90	613.17	31.33
41643	96.25	2.50	-4.10	-337.80	-222.13	-1421.82	-111.88	432.07	-33.33
41644	96.17	3.10	-4.10	-344.79	-236.02	-1485.80	-115.82	449.58	-19.01
41645	95.02	2.50	-4.10	-329.41	-199.06	-1309.68	-102.33	383.44	-65.30
41646	94.95	3.10	-4.10	-337.38	-213.22	-1373.36	-107.93	398.11	-52.60
41647	93.79	2.50	-4.10	-290.95	-170.32	-1210.70	-91.67	379.26	-89.87
41648	93.73	3.10	-4.10	-298.89	-184.15	-1272.57	-98.04	392.96	-76.81
41649	92.57	2.50	-4.10	-243.88	-143.46	-1143.53	-80.59	380.17	-111.76
41650	92.50	3.10	-4.10	-251.35	-156.80	-1203.90	-87.27	393.37	-97.80
41651	91.34	2.50	-4.10	-194.82	-118.92	-1099.50	-69.53	379.11	-132.24
41652	91.28	3.10	-4.10	-201.63	-131.73	-1158.70	-76.31	391.87	-117.19
41653	90.11	2.50	-4.10	-145.99	-96.75	-1073.76	-58.70	373.61	-151.78
41654	90.06	3.10	-4.10	-152.11	-109.02	-1132.05	-65.42	385.86	-135.52
41655	88.88	2.50	-4.10	-98.24	-76.80	-1062.32	-48.24	362.55	-170.47
41656	88.84	3.10	-4.10	-103.66	-88.54	-1119.93	-54.79	374.17	-152.96
41657	87.66	2.50	-4.10	-52.15	-58.98	-1061.94	-38.29	345.33	-188.20
41658	87.62	3.10	-4.10	-56.91	-70.21	-1119.06	-44.56	356.18	-169.43
41659	86.43	2.50	-4.10	-8.34	-43.26	-1069.68	-28.97	321.63	-204.72
41660	86.39	3.10	-4.10	-12.48	-54.00	-1126.45	-34.84	331.58	-184.73
41661	85.20	2.50	-4.10	32.48	-29.62	-1082.81	-20.41	291.44	-219.73
41662	85.17	3.10	-4.10	28.91	-39.92	-1139.36	-25.76	300.34	-198.58
41663	83.97	2.50	-4.10	69.55	-18.10	-1098.82	-12.65	255.04	-232.87
41664	83.95	3.10	-4.10	66.48	-28.00	-1155.20	-17.37	262.75	-210.66
41665	82.75	2.50	-4.10	102.11	-8.76	-1115.40	-5.73	212.96	-243.76
41666	82.73	3.10	-4.10	99.46	-18.30	-1171.67	-9.71	219.36	-220.65
41667	81.52	2.50	-4.10	129.46	-1.62	-1130.57	0.41	166.03	-252.09
41668	81.51	3.10	-4.10	127.12	-10.89	-1186.70	-2.74	171.04	-228.24
41669	80.29	2.50	-4.10	151.04	3.27	-1142.69	5.86	115.30	-257.59
41670	80.28	3.10	-4.10	148.89	-5.81	-1198.64	3.62	118.86	-233.21
41671	79.06	2.50	-4.10	166.46	5.87	-1150.53	10.77	62.01	-260.09
41672	79.06	3.10	-4.10	164.36	-3.09	-1206.23	9.48	64.11	-235.37
41673	97.48	2.50	-5.50	-98.74	-39.23	-1183.94	-43.92	564.33	-10.11
41674	97.39	3.10	-5.50	-100.29	-42.18	-1231.76	-45.49	585.58	9.24
41675	96.25	2.50	-5.50	-89.59	-54.21	-1263.83	-42.26	453.19	-55.62
41676	96.17	3.10	-5.50	-90.52	-58.20	-1318.05	-43.20	471.97	-39.58
41677	95.02	2.50	-5.50	-103.75	-55.51	-1234.01	-43.39	375.62	-92.62
41678	94.95	3.10	-5.50	-105.10	-60.64	-1290.93	-45.36	391.51	-79.11
41679	93.79	2.50	-5.50	-105.20	-46.13	-1167.64	-43.05	341.43	-121.10

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]
41680	93.73	3.10	-5.50	-107.24	-52.03	-1224.71	-46.26	355.29	-108.53
41681	92.57	2.50	-5.50	-89.32	-31.80	-1106.55	-40.29	327.96	-144.49
41682	92.50	3.10	-5.50	-91.77	-38.09	-1162.76	-44.40	340.60	-131.87
41683	91.34	2.50	-5.50	-62.53	-15.80	-1060.24	-35.70	320.19	-165.13
41684	91.28	3.10	-5.50	-65.12	-22.23	-1115.39	-40.38	331.98	-151.97
41685	90.11	2.50	-5.50	-29.57	0.41	-1028.46	-29.93	312.00	-184.06
41686	90.06	3.10	-5.50	-32.09	-5.99	-1082.57	-34.92	323.07	-170.12
41687	88.88	2.50	-5.50	6.50	16.06	-1009.27	-23.46	300.66	-201.65
41688	88.84	3.10	-5.50	4.16	9.80	-1062.45	-28.56	311.00	-186.82
41689	87.66	2.50	-5.50	43.61	30.68	-1000.33	-16.68	284.91	-217.96
41690	87.62	3.10	-5.50	41.53	24.63	-1052.72	-21.70	294.46	-202.20
41691	86.43	2.50	-5.50	80.23	43.97	-999.28	-9.86	264.20	-232.87
41692	86.39	3.10	-5.50	78.44	38.17	-1051.00	-14.65	272.86	-216.19
41693	85.20	2.50	-5.50	115.11	55.72	-1003.83	-3.20	238.38	-246.16
41694	85.17	3.10	-5.50	113.62	50.18	-1055.00	-7.63	246.04	-228.60
41695	83.97	2.50	-5.50	147.21	65.76	-1011.83	3.14	207.60	-257.58
41696	83.95	3.10	-5.50	146.00	60.47	-1062.56	-0.80	214.17	-239.23
41697	82.75	2.50	-5.50	175.62	73.95	-1021.35	9.09	172.26	-266.88
41698	82.73	3.10	-5.50	174.64	68.91	-1071.71	5.75	177.68	-247.83
41699	81.52	2.50	-5.50	199.60	80.21	-1030.70	14.63	133.00	-273.83
41700	81.51	3.10	-5.50	198.79	75.37	-1080.76	11.97	137.20	-254.22
41701	80.29	2.50	-5.50	218.59	84.46	-1038.53	19.78	90.63	-278.24
41702	80.28	3.10	-5.50	217.88	79.77	-1088.30	17.87	93.59	-258.23
41703	79.06	2.50	-5.50	232.22	86.66	-1043.79	24.61	46.12	-280.01
41704	79.06	3.10	-5.50	231.51	82.07	-1093.28	23.49	47.84	-259.75
41705	97.48	2.50	-6.90	23.25	96.43	-1049.42	3.24	517.40	-12.86
41706	97.39	3.10	-6.90	23.78	99.52	-1090.60	0.81	536.50	5.04
41707	96.25	2.50	-6.90	48.06	87.00	-1124.46	5.75	449.30	-55.12
41708	96.17	3.10	-6.90	49.43	89.69	-1170.71	4.36	467.54	-38.67
41709	95.02	2.50	-6.90	53.06	83.18	-1132.81	4.63	381.66	-93.69
41710	94.95	3.10	-6.90	54.83	85.20	-1182.36	3.27	398.21	-79.06
41711	93.79	2.50	-6.90	52.94	85.56	-1101.05	2.52	333.18	-126.20
41712	93.73	3.10	-6.90	54.62	86.87	-1152.04	0.56	347.88	-112.90
41713	92.57	2.50	-6.90	59.33	92.85	-1056.85	1.36	303.14	-153.27
41714	92.50	3.10	-6.90	60.72	93.60	-1107.96	-1.35	316.27	-140.63
41715	91.34	2.50	-6.90	74.67	103.12	-1015.78	1.75	283.53	-176.40
41716	91.28	3.10	-6.90	75.77	103.49	-1066.30	-1.58	295.41	-163.90
41717	90.11	2.50	-6.90	97.11	114.85	-983.30	3.57	268.00	-196.72
41718	90.06	3.10	-6.90	98.03	115.03	-1032.94	-0.18	278.82	-184.04
41719	88.88	2.50	-6.90	124.24	127.03	-960.33	6.52	252.84	-214.86
41720	88.84	3.10	-6.90	125.08	127.15	-1009.01	2.52	262.69	-201.81
41721	87.66	2.50	-6.90	153.84	138.95	-946.04	10.24	235.99	-231.10
41722	87.62	3.10	-6.90	154.69	139.12	-993.80	6.19	244.88	-217.56
41723	86.43	2.50	-6.90	184.12	150.12	-938.92	14.44	216.35	-245.50
41724	86.39	3.10	-6.90	185.03	150.40	-985.84	10.51	224.25	-231.42
41725	85.20	2.50	-6.90	213.59	160.18	-937.25	18.89	193.39	-257.99
41726	85.17	3.10	-6.90	214.61	160.62	-983.44	15.21	200.27	-243.37
41727	83.97	2.50	-6.90	241.03	168.86	-939.29	23.40	166.96	-268.47
41728	83.95	3.10	-6.90	242.16	169.49	-984.87	20.09	172.77	-253.33
41729	82.75	2.50	-6.90	265.46	175.99	-943.44	27.84	137.20	-276.80
41730	82.73	3.10	-6.90	266.69	176.80	-988.51	25.02	141.91	-261.20
41731	81.52	2.50	-6.90	286.10	181.41	-948.30	32.16	104.47	-282.86
41732	81.51	3.10	-6.90	287.40	182.39	-992.96	29.90	108.06	-266.88
41733	80.29	2.50	-6.90	302.39	185.04	-952.74	36.34	69.31	-286.54
41734	80.28	3.10	-6.90	303.70	186.17	-997.05	34.71	71.78	-270.29
41735	79.06	2.50	-6.90	313.95	186.83	-955.90	40.41	32.41	-287.80
41736	79.06	3.10	-6.90	315.21	188.06	-999.94	39.44	33.78	-271.39
41737	97.48	2.50	-8.30	111.91	214.50	-955.70	37.26	466.11	-5.25
41738	97.39	3.10	-8.30	113.88	222.06	-992.09	33.57	483.07	10.95
41739	96.25	2.50	-8.30	144.81	212.79	-1014.44	41.71	422.02	-43.88
41740	96.17	3.10	-8.30	147.60	220.48	-1054.55	38.96	438.83	-28.13
41741	95.02	2.50	-8.30	165.11	213.31	-1032.81	42.90	369.63	-80.85
41742	94.95	3.10	-8.30	168.56	220.93	-1075.75	40.58	385.62	-66.12
41743	93.79	2.50	-8.30	177.90	216.76	-1021.01	42.01	322.13	-114.17
41744	93.73	3.10	-8.30	181.74	224.17	-1065.67	39.65	336.87	-100.53
41745	92.57	2.50	-8.30	189.92	223.10	-993.53	40.51	284.68	-143.23
41746	92.50	3.10	-8.30	193.89	230.27	-1038.86	37.84	298.04	-130.47
41747	91.34	2.50	-8.30	205.35	231.70	-962.25	39.39	256.30	-168.37
41748	91.28	3.10	-8.30	209.29	238.69	-1007.48	36.35	268.33	-156.20
41749	90.11	2.50	-8.30	225.14	241.68	-934.03	39.08	233.79	-190.23
41750	90.06	3.10	-8.30	229.00	248.59	-978.68	35.73	244.58	-178.37
41751	88.88	2.50	-8.30	248.47	252.24	-911.69	39.62	214.19	-209.31
41752	88.84	3.10	-8.30	252.27	259.17	-955.54	36.09	223.82	-197.55
41753	87.66	2.50	-8.30	273.95	262.73	-895.81	40.90	195.37	-225.93
41754	87.62	3.10	-8.30	277.72	269.78	-938.79	37.33	203.89	-214.13
41755	86.43	2.50	-8.30	300.11	272.67	-885.80	42.74	175.92	-240.26
41756	86.39	3.10	-8.30	303.89	279.87	-927.93	39.28	183.35	-228.33
41757	85.20	2.50	-8.30	325.64	281.66	-880.56	44.96	155.00	-252.38
41758	85.17	3.10	-8.30	329.46	289.07	-921.93	41.72	161.33	-240.24
41759	83.97	2.50	-8.30	349.41	289.43	-878.83	47.39	132.12	-262.29
41760	83.95	3.10	-8.30	353.26	297.05	-919.53	44.49	137.37	-249.93
41761	82.75	2.50	-8.30	370.48	295.78	-879.37	49.94	107.14	-269.99
41762	82.73	3.10	-8.30	374.36	303.61	-919.52	47.46	111.30	-257.39
41763	81.52	2.50	-8.30	388.12	300.56	-881.06	52.55	80.11	-275.43
41764	81.51	3.10	-8.30	392.00	308.59	-920.77	50.57	83.21	-262.64
41765	80.29	2.50	-8.30	401.79	303.69	-883.00	55.20	51.32	-278.61
41766	80.28	3.10	-8.30	405.62	311.89	-922.37	53.76	53.38	-265.67
41767	79.06	2.50	-8.30	411.13	305.11	-884.51	57.90	21.18	-279.51
41768	79.06	3.10	-8.30	414.87	313.45	-923.63	57.04	22.23	-266.49
41769	101.90	2.50	-2.70	12.89	-62.48	3.37	-41.72	-16.93	42.38
41770	101.82	3.10	-2.70	14.71	-62.26	3.53	-40.13	-18.42	41.36
41771	101.05	2.50	-2.70	14.05	-93.18	-14.94	-112.08	4.65	25.16
41772	100.97	3.10	-2.70	18.67	-96.69	-15.29	-109.18	4.29	24.69
41773	100.20	2.50	-2.70	-74.28	-138.26	-38.76	-175.45	61.86	23.49
41774	100.13	3.10	-2.70	-69.79	-146.41	-39.87	-173.26	63.31	24.59
41775	99.36	2.50	-2.70	-358.70	-204.81	-45.34	-252.74	192.43	25.35
41776	99.28	3.10	-2.70	-360.46	-220.00	-46.48	-256.86	198.57	30.42
41777	98.51	2.50	-2.70	-1132.53	-457.86	-931.29	-375.89	867.46	128.80
41778	98.43	3.10	-2.70	-1156.56	-491.28	-968.42	-397.45	896.98	157.58

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]
41779	101.90	2.50	-4.10	-16.33	32.44	-8.48	-25.43	0.42	104.01
41780	101.82	3.10	-4.10	-15.86	35.13	-8.72	-26.91	-1.74	103.52
41781	101.05	2.50	-4.10	-85.46	0.75	-83.98	-69.88	80.44	73.55
41782	100.97	3.10	-4.10	-85.50	0.58	-86.64	-72.32	81.54	75.37
41783	100.20	2.50	-4.10	-224.18	-34.43	-145.52	-112.44	232.78	62.79
41784	100.13	3.10	-4.10	-227.13	-37.95	-150.34	-117.91	239.15	69.34
41785	99.36	2.50	-4.10	-430.08	-100.56	-411.71	-149.99	536.74	71.87
41786	99.28	3.10	-4.10	-438.65	-108.96	-427.07	-160.12	554.09	88.99
41787	98.51	2.50	-4.10	-378.73	-164.48	-972.30	-137.21	746.93	63.93
41788	98.43	3.10	-4.10	-386.01	-175.08	-1010.74	-143.34	772.60	89.23
41789	101.90	2.50	-5.50	-21.70	112.10	-75.44	-18.88	39.69	140.40
41790	101.82	3.10	-5.50	-21.58	116.34	-77.86	-22.48	38.04	140.32
41791	101.05	2.50	-5.50	-92.07	85.86	-193.79	-38.60	167.82	109.34
41792	100.97	3.10	-5.50	-93.51	88.52	-200.01	-43.49	171.03	112.92
41793	100.20	2.50	-5.50	-184.74	57.66	-327.01	-57.80	348.02	90.05
41794	100.13	3.10	-5.50	-188.55	58.29	-338.14	-64.85	357.70	99.43
41795	99.36	2.50	-5.50	-213.92	25.70	-577.38	-62.77	541.57	72.02
41796	99.28	3.10	-5.50	-218.51	24.73	-598.41	-70.04	558.67	88.40
41797	98.51	2.50	-5.50	-164.75	-11.11	-924.75	-54.12	629.39	38.41
41798	98.43	3.10	-5.50	-168.13	-13.26	-960.42	-58.80	650.91	58.98
41799	101.90	2.50	-6.90	-15.57	175.18	-196.09	-16.29	69.55	160.33
41800	101.82	3.10	-6.90	-15.38	180.72	-202.68	-21.16	68.67	160.63
41801	101.05	2.50	-6.90	-59.19	159.70	-319.74	-18.49	221.11	131.52
41802	100.97	3.10	-6.90	-60.48	164.51	-330.17	-24.31	225.79	136.32
41803	100.20	2.50	-6.90	-91.89	145.20	-457.45	-19.59	371.55	103.87
41804	100.13	3.10	-6.90	-94.12	149.27	-472.85	-26.36	381.66	113.76
41805	99.36	2.50	-6.90	-82.33	129.06	-652.57	-14.56	498.83	73.35
41806	99.28	3.10	-6.90	-84.45	132.63	-675.83	-20.99	514.25	88.25
41807	98.51	2.50	-6.90	-29.09	111.54	-879.40	-4.44	550.80	32.85
41808	98.43	3.10	-6.90	-29.90	114.88	-912.50	-8.91	569.41	50.74
41809	101.90	2.50	-8.30	-9.09	224.22	-346.35	-17.13	82.00	170.95
41810	101.82	3.10	-8.30	-9.18	230.12	-360.08	-22.95	82.91	171.14
41811	101.05	2.50	-8.30	-24.16	224.87	-434.34	-7.28	231.31	142.40
41812	100.97	3.10	-8.30	-25.15	231.20	-448.18	-13.63	236.34	147.16
41813	100.20	2.50	-8.30	-21.67	223.62	-547.72	3.34	354.42	111.90
41814	100.13	3.10	-8.30	-22.50	230.06	-566.00	-3.54	363.83	121.13
41815	99.36	2.50	-8.30	8.84	221.24	-690.49	15.54	445.73	77.61
41816	99.28	3.10	-8.30	8.51	228.00	-714.66	9.09	459.28	90.70
41817	98.51	2.50	-8.30	61.62	217.73	-842.03	28.25	483.09	36.80
41818	98.43	3.10	-8.30	62.47	224.95	-872.93	23.14	499.22	52.35
41819	77.84	2.50	-2.70	126.67	-53.95	-1282.50	2.76	14.94	-232.34
41820	77.84	3.10	-2.70	123.76	-65.65	-1345.10	2.44	15.69	-202.35
41821	76.61	2.50	-2.70	128.98	-55.99	-1278.26	6.14	-49.28	-228.53
41822	76.62	3.10	-2.70	125.77	-67.85	-1340.25	6.99	-50.16	-198.69
41823	75.38	2.50	-2.70	124.36	-60.52	-1266.46	9.48	-111.10	-221.32
41824	75.39	3.10	-2.70	120.68	-72.68	-1327.64	11.47	-113.44	-191.89
41825	74.15	2.50	-2.70	113.47	-67.52	-1247.91	12.90	-168.75	-211.04
41826	74.17	3.10	-2.70	109.16	-80.13	-1308.13	16.00	-172.31	-182.26
41827	72.93	2.50	-2.70	97.29	-76.96	-1223.94	16.40	-220.64	-198.09
41828	72.95	3.10	-2.70	92.22	-90.20	-1283.12	20.55	-225.12	-170.19
41829	71.70	2.50	-2.70	77.10	-88.85	-1196.37	19.81	-265.51	-182.89
41830	71.73	3.10	-2.70	71.21	-102.88	-1254.47	24.97	-270.59	-156.07
41831	70.47	2.50	-2.70	54.46	-103.13	-1167.32	22.78	-302.62	-165.77
41832	70.51	3.10	-2.70	47.74	-118.18	-1224.38	28.93	-307.95	-140.20
41833	69.24	2.50	-2.70	31.02	-119.77	-1139.00	24.80	-331.85	-146.86
41834	69.28	3.10	-2.70	23.55	-136.11	-1195.07	31.93	-337.10	-122.67
41835	68.02	2.50	-2.70	8.32	-138.64	-1113.35	25.28	-353.84	-125.93
41836	68.06	3.10	-2.70	0.27	-156.61	-1168.53	33.41	-358.69	-103.24
41837	66.79	2.50	-2.70	-12.63	-159.52	-1091.65	23.81	-369.87	-102.31
41838	66.84	3.10	-2.70	-21.01	-179.52	-1146.02	32.93	-374.07	-81.20
41839	65.56	2.50	-2.70	-31.73	-182.19	-1074.14	20.66	-381.62	-74.99
41840	65.62	3.10	-2.70	-40.22	-204.56	-1127.69	30.78	-384.93	-55.42
41841	64.33	2.50	-2.70	-49.83	-206.95	-1060.11	17.49	-390.48	-43.27
41842	64.40	3.10	-2.70	-58.48	-231.78	-1112.86	28.86	-392.44	-25.14
41843	63.11	2.50	-2.70	-67.42	-235.63	-1049.17	17.41	-397.36	-8.23
41844	63.17	3.10	-2.70	-76.72	-262.67	-1101.62	31.31	-396.77	8.19
41845	61.88	2.50	-2.70	-82.23	-272.29	-1042.28	23.30	-405.51	25.32
41846	61.95	3.10	-2.70	-92.89	-300.43	-1097.36	42.67	-399.58	38.81
41847	60.65	2.50	-2.70	-88.32	-324.56	-1036.37	30.04	-430.01	57.40
41848	60.73	3.10	-2.70	-102.09	-353.07	-1101.24	66.45	-415.60	57.56
41849	59.42	2.50	-2.70	-96.54	-346.75	-963.07	35.87	-501.92	47.68
41850	59.51	3.10	-2.70	-107.64	-380.05	-1062.18	101.00	-469.02	65.88
41851	77.84	2.50	-4.10	175.55	6.18	-1153.31	15.29	7.56	-259.50
41852	77.84	3.10	-4.10	173.36	-2.78	-1208.67	14.99	8.25	-234.69
41853	76.61	2.50	-4.10	178.37	4.20	-1150.74	19.59	-46.58	-255.86
41854	76.62	3.10	-4.10	175.96	-4.85	-1205.66	20.28	-47.21	-231.17
41855	75.38	2.50	-4.10	175.27	-0.04	-1142.96	23.78	-98.93	-249.33
41856	75.39	3.10	-4.10	172.52	-9.30	-1197.37	25.44	-100.72	-224.98
41857	74.15	2.50	-4.10	166.85	-6.49	-1130.63	27.92	-148.07	-240.14
41858	74.17	3.10	-4.10	163.66	-16.07	-1184.47	30.51	-150.84	-216.33
41859	72.93	2.50	-4.10	154.00	-15.09	-1114.75	31.98	-192.78	-228.59
41860	72.95	3.10	-4.10	150.30	-25.10	-1168.00	35.46	-196.30	-205.50
41861	71.70	2.50	-4.10	137.83	-25.75	-1096.67	35.83	-232.12	-214.97
41862	71.73	3.10	-4.10	133.58	-36.34	-1149.34	40.15	-236.12	-192.77
41863	70.47	2.50	-4.10	119.60	-38.34	-1077.90	39.24	-265.50	-199.54
41864	70.51	3.10	-4.10	114.83	-49.67	-1130.03	44.34	-269.70	-178.37
41865	69.24	2.50	-4.10	100.64	-52.72	-1059.92	41.89	-292.79	-182.43
41866	69.28	3.10	-4.10	95.45	-64.98	-1111.58	47.73	-296.92	-162.40
41867	68.02	2.50	-4.10	82.13	-68.65	-1043.94	43.50	-314.30	-163.57
41868	68.06	3.10	-4.10	76.69	-82.08	-1095.18	50.02	-318.10	-144.79
41869	66.79	2.50	-4.10	64.95	-85.85	-1030.67	43.93	-330.65	-142.77
41870	66.84	3.10	-4.10	59.49	-100.70	-1081.53	51.08	-333.93	-125.29
41871	65.56	2.50	-4.10	49.63	-104.03	-1020.22	43.45	-342.60	-119.81
41872	65.62	3.10	-4.10	44.38	-120.54	-1070.68	51.17	-345.14	-103.63
41873	64.33	2.50	-4.10	36.69	-123.04	-1012.30	42.80	-350.81	-94.88
41874	64.40	3.10	-4.10	31.91	-141.37	-1062.34	51.16	-352.37	-80.01
41875	63.11	2.50	-4.10	27.67	-143.00	-1006.53	42.68	-356.53	-69.02
41876	63.17	3.10	-4.10	23.74	-163.18	-1056.27	52.07	-356.77	-55.64
41877	61.88	2.50	-4.10	25.96	-163.83	-1000.77	42.49	-364.34	-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]
41878	61.95	3.10	-4.10	23.79	-185.79	-1050.60	53.87	-363.23	-32.52
41879	60.65	2.50	-4.10	33.70	-180.68	-980.32	42.01	-385.87	-20.39
41880	60.73	3.10	-4.10	34.05	-203.65	-1028.71	54.02	-384.38	-10.65
41881	59.42	2.50	-4.10	39.51	-185.34	-899.26	43.08	-426.15	-5.98
41882	59.51	3.10	-4.10	39.26	-203.48	-945.57	50.29	-420.76	7.88
41883	77.84	2.50	-5.50	240.33	86.79	-1045.86	29.20	0.55	-279.07
41884	77.84	3.10	-5.50	239.53	82.24	-1095.06	28.91	1.08	-258.75
41885	76.61	2.50	-5.50	243.00	84.86	-1044.46	33.65	-44.93	-275.47
41886	76.62	3.10	-5.50	242.02	80.28	-1093.37	34.18	-45.51	-255.26
41887	75.38	2.50	-5.50	240.54	80.93	-1039.71	38.01	-89.18	-269.32
41888	75.39	3.10	-5.50	239.29	76.23	-1088.34	39.35	-90.74	-249.37
41889	74.15	2.50	-5.50	233.49	75.05	-1032.09	42.31	-131.11	-260.78
41890	74.17	3.10	-5.50	231.92	70.18	-1080.45	44.41	-133.51	-241.26
41891	72.93	2.50	-5.50	222.61	67.35	-1022.36	46.50	-169.81	-250.09
41892	72.95	3.10	-5.50	220.69	62.21	-1070.47	49.31	-172.86	-231.12
41893	71.70	2.50	-5.50	208.86	57.98	-1011.50	50.49	-204.56	-237.46
41894	71.73	3.10	-5.50	206.58	52.48	-1059.41	53.94	-208.05	-219.17
41895	70.47	2.50	-5.50	193.28	47.12	-1000.57	54.12	-234.90	-223.10
41896	70.51	3.10	-5.50	190.69	41.19	-1048.34	58.14	-238.62	-205.60
41897	69.24	2.50	-5.50	176.98	35.05	-990.57	57.22	-260.71	-207.18
41898	69.28	3.10	-5.50	174.17	28.56	-1038.25	61.70	-264.44	-190.53
41899	68.02	2.50	-5.50	161.00	22.10	-982.26	59.64	-282.12	-189.76
41900	68.06	3.10	-5.50	158.11	14.93	-1029.88	64.49	-285.67	-174.01
41901	66.79	2.50	-5.50	146.28	8.66	-976.00	61.35	-299.53	-170.88
41902	66.84	3.10	-5.50	143.47	0.69	-1023.56	66.46	-302.74	-156.05
41903	65.56	2.50	-5.50	133.68	-4.77	-971.70	62.53	-313.54	-150.66
41904	65.62	3.10	-5.50	131.16	-13.64	-1019.12	67.77	-316.28	-136.70
41905	64.33	2.50	-5.50	124.26	-17.62	-968.65	63.44	-325.18	-129.35
41906	64.40	3.10	-5.50	122.25	-27.46	-1015.75	68.71	-327.38	-116.19
41907	63.11	2.50	-5.50	119.37	-29.07	-964.80	64.27	-336.66	-107.38
41908	63.17	3.10	-5.50	118.16	-39.93	-1011.22	69.49	-338.35	-94.96
41909	61.88	2.50	-5.50	119.51	-37.44	-953.88	65.14	-352.31	-85.25
41910	61.95	3.10	-5.50	119.30	-49.34	-998.66	69.96	-353.73	-73.21
41911	60.65	2.50	-5.50	120.05	-39.83	-920.08	66.54	-375.79	-64.00
41912	60.73	3.10	-5.50	120.29	-52.72	-961.83	70.29	-376.53	-51.12
41913	59.42	2.50	-5.50	108.53	-32.28	-844.42	69.46	-396.68	-47.20
41914	59.51	3.10	-5.50	109.05	-46.47	-882.05	71.87	-395.41	-30.68
41915	77.84	2.50	-6.90	320.62	186.75	-957.25	44.40	-5.44	-286.60
41916	77.84	3.10	-6.90	321.76	188.05	-1001.06	44.12	-5.12	-270.15
41917	76.61	2.50	-6.90	322.45	184.83	-956.56	48.38	-43.41	-282.99
41918	76.62	3.10	-6.90	323.41	186.15	-1000.20	48.78	-44.07	-266.62
41919	75.38	2.50	-6.90	319.70	181.12	-953.90	52.37	-80.65	-277.05
41920	75.39	3.10	-6.90	320.42	182.41	-997.42	53.43	-82.19	-260.88
41921	74.15	2.50	-6.90	312.82	175.70	-949.62	56.38	-116.36	-268.91
41922	74.17	3.10	-6.90	313.27	176.92	-993.06	58.06	-118.68	-253.03
41923	72.93	2.50	-6.90	302.45	168.73	-944.26	60.40	-149.88	-258.73
41924	72.95	3.10	-6.90	302.61	169.82	-987.71	62.62	-152.82	-243.23
41925	71.70	2.50	-6.90	289.38	160.40	-938.54	64.34	-180.69	-246.68
41926	71.73	3.10	-6.90	289.26	161.32	-982.05	67.04	-184.09	-231.64
41927	70.47	2.50	-6.90	274.48	150.94	-933.18	68.14	-208.47	-232.95
41928	70.51	3.10	-6.90	274.11	151.65	-976.82	71.21	-212.17	-218.41
41929	69.24	2.50	-6.90	258.65	140.70	-928.83	71.68	-233.11	-217.69
41930	69.28	3.10	-6.90	258.12	141.15	-972.63	75.01	-236.95	-203.67
41931	68.02	2.50	-6.90	242.81	130.06	-925.90	74.95	-254.72	-201.07
41932	68.06	3.10	-6.90	242.18	130.23	-969.86	78.41	-258.55	-187.54
41933	66.79	2.50	-6.90	227.77	119.52	-924.41	78.00	-273.64	-183.23
41934	66.84	3.10	-6.90	227.15	119.38	-968.48	81.43	-277.33	-170.13
41935	65.56	2.50	-6.90	214.28	109.64	-923.82	81.01	-290.46	-164.39
41936	65.62	3.10	-6.90	213.74	109.19	-967.82	84.27	-293.89	-151.62
41937	64.33	2.50	-6.90	202.92	101.14	-922.63	84.30	-306.20	-144.84
41938	64.40	3.10	-6.90	202.52	100.38	-966.25	87.23	-309.28	-132.23
41939	63.11	2.50	-6.90	193.61	94.86	-917.48	88.35	-322.40	-124.97
41940	63.17	3.10	-6.90	193.31	93.79	-960.17	90.79	-325.04	-112.28
41941	61.88	2.50	-6.90	184.40	91.88	-901.78	93.85	-340.23	-105.39
41942	61.95	3.10	-6.90	183.98	90.46	-942.82	95.64	-342.15	-92.27
41943	60.65	2.50	-6.90	170.49	93.19	-866.54	101.86	-357.17	-87.37
41944	60.73	3.10	-6.90	169.71	91.35	-905.22	102.88	-357.73	-73.37
41945	59.42	2.50	-6.90	147.63	98.96	-805.62	113.24	-364.19	-73.01
41946	59.51	3.10	-6.90	146.36	96.83	-842.06	113.52	-362.23	-58.11
41947	77.84	2.50	-8.30	415.99	304.80	-885.16	60.70	-9.81	-278.16
41948	77.84	3.10	-8.30	419.56	313.24	-924.11	60.43	-9.72	-265.13
41949	76.61	2.50	-8.30	416.35	302.79	-884.76	63.66	-41.07	-274.59
41950	76.62	3.10	-8.30	419.71	311.29	-923.62	63.97	-41.87	-261.61
41951	75.38	2.50	-8.30	412.42	299.14	-883.34	66.80	-72.01	-268.86
41952	75.39	3.10	-8.30	415.51	307.67	-922.19	67.67	-73.64	-255.99
41953	74.15	2.50	-8.30	404.55	293.95	-881.14	70.17	-102.10	-261.07
41954	74.17	3.10	-8.30	407.33	302.47	-920.06	71.54	-104.46	-248.37
41955	72.93	2.50	-8.30	393.23	287.37	-878.57	73.77	-130.87	-251.33
41956	72.95	3.10	-8.30	395.68	295.85	-917.63	75.58	-133.86	-238.83
41957	71.70	2.50	-8.30	379.08	279.60	-876.09	77.58	-157.98	-239.78
41958	71.73	3.10	-8.30	381.21	288.01	-915.36	79.74	-161.49	-227.50
41959	70.47	2.50	-8.30	362.79	270.91	-874.19	81.57	-183.22	-226.55
41960	70.51	3.10	-8.30	364.61	279.24	-913.73	83.98	-187.12	-214.48
41961	69.24	2.50	-8.30	345.07	261.64	-873.25	85.74	-206.55	-211.83
41962	69.28	3.10	-8.30	346.61	269.88	-913.08	88.28	-210.71	-199.92
41963	68.02	2.50	-8.30	326.60	252.20	-873.39	90.13	-228.04	-195.79
41964	68.06	3.10	-8.30	327.90	260.36	-913.48	92.66	-232.32	-183.98
41965	66.79	2.50	-8.30	307.99	243.09	-874.35	94.90	-247.93	-178.68
41966	66.84	3.10	-8.30	309.06	251.19	-914.59	97.26	-252.20	-166.85
41967	65.56	2.50	-8.30	289.63	234.85	-875.23	100.32	-266.60	-160.82
41968	65.62	3.10	-8.30	290.44	242.96	-915.40	102.36	-270.68	-148.83
41969	64.33	2.50	-8.30	271.51	228.11	-874.19	106.87	-284.47	-142.66
41970	64.40	3.10	-8.30	271.99	236.26	-913.94	108.43	-288.18	-130.30
41971	63.11	2.50	-8.30	252.85	223.46	-868.01	115.23	-301.70	-124.81
41972	63.17	3.10	-8.30	252.83	231.70	-906.89	116.19	-304.75	-111.87
41973	61.88	2.50	-8.30	231.77	221.40	-852.25	126.31	-317.23	-108.17
41974	61.95	3.10	-8.30	231.06	229.77	-889.83	126.58	-319.19	-94.45
41975	60.65	2.50	-8.30	205.93	222.17	-822.66	141.16	-327.63	-94.05
41976	60.73	3.10	-8.30	204.37	230.70	-858.72	140.64	-327.90	-79.45

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]
41977	59.42	2.50	-8.30	174.26	225.65	-778.00	160.72	-327.13	-83.96
41978	59.51	3.10	-8.30	171.87	234.44	-812.78	159.26	-325.08	-68.59
41979	58.39	2.50	-2.70	-59.57	-285.32	-687.32	-11.38	-540.46	-94.02
41980	58.47	3.10	-2.70	-88.51	-345.09	-920.47	114.30	-463.27	28.83
41981	57.54	2.50	-2.70	54.65	-200.81	-397.03	-116.71	-377.68	-248.59
41982	57.62	3.10	-2.70	-2.48	-278.85	-805.73	18.43	-290.61	-64.76
41983	56.70	2.50	-2.70	135.06	-159.27	-252.28	-154.82	-248.34	-302.85
41984	56.77	3.10	-2.70	45.86	-241.84	-796.70	-66.44	-150.48	-144.18
41985	55.85	2.50	-2.70	224.49	-188.71	-158.18	-128.52	-133.49	-359.66
41986	55.93	3.10	-2.70	49.76	-232.77	-816.00	-61.07	-16.61	-208.39
41987	55.01	2.50	-2.70	471.42	-24.28	-34.53	-49.23	6.90	-353.90
41988	55.08	3.10	-2.70	-72.28	-277.55	-987.47	11.30	281.50	-158.79
41989	58.39	2.50	-4.10	15.80	-159.89	-708.03	41.53	-425.36	-24.19
41990	58.47	3.10	-4.10	23.18	-153.16	-759.61	38.49	-410.08	10.10
41991	57.54	2.50	-4.10	14.90	-117.46	-498.91	3.66	-305.99	-74.62
41992	57.62	3.10	-4.10	28.41	-79.39	-569.73	11.35	-283.97	-18.54
41993	56.70	2.50	-4.10	56.42	-93.52	-385.24	-41.18	-160.74	-113.79
41994	56.77	3.10	-4.10	62.66	-27.56	-477.87	-27.93	-137.33	-54.54
41995	55.85	2.50	-4.10	103.89	-112.33	-346.27	-51.28	-40.55	-142.94
41996	55.93	3.10	-4.10	85.86	18.14	-461.44	-27.36	-0.27	-83.81
41997	55.01	2.50	-4.10	241.34	-51.55	-315.34	24.27	134.57	-244.74
41998	55.08	3.10	-4.10	97.76	53.94	-531.19	81.43	234.79	-69.54
41999	58.39	2.50	-5.50	77.93	-11.98	-708.23	73.45	-382.88	-39.81
42000	58.47	3.10	-5.50	77.80	-28.59	-742.44	75.97	-376.23	-18.41
42001	57.54	2.50	-5.50	50.49	15.84	-554.95	74.38	-296.90	-46.17
42002	57.62	3.10	-5.50	51.34	-0.36	-589.97	76.19	-281.34	-23.07
42003	56.70	2.50	-5.50	51.31	41.13	-452.77	65.76	-168.02	-57.16
42004	56.77	3.10	-5.50	53.10	28.20	-493.73	69.43	-144.65	-34.41
42005	55.85	2.50	-5.50	72.28	59.90	-405.40	43.31	-38.39	-70.56
42006	55.93	3.10	-5.50	79.37	46.99	-455.74	54.53	-4.76	-46.40
42007	55.01	2.50	-5.50	127.03	66.19	-396.01	12.45	145.29	-155.13
42008	55.08	3.10	-5.50	152.42	92.20	-438.52	55.13	217.25	-14.42
42009	58.39	2.50	-6.90	113.33	110.12	-712.17	129.95	-343.54	-64.42
42010	58.47	3.10	-6.90	112.08	108.71	-747.17	129.35	-337.42	-49.05
42011	57.54	2.50	-6.90	80.69	126.82	-608.57	150.80	-276.49	-62.57
42012	57.62	3.10	-6.90	81.13	126.12	-644.78	148.95	-264.28	-48.29
42013	56.70	2.50	-6.90	69.90	141.21	-534.01	168.79	-171.75	-59.50
42014	56.77	3.10	-6.90	75.44	145.55	-573.30	167.26	-153.46	-47.47
42015	55.85	2.50	-6.90	71.68	176.98	-480.28	151.42	-44.46	-32.59
42016	55.93	3.10	-6.90	100.59	151.11	-533.37	152.33	-22.41	-23.25
42017	55.01	2.50	-6.90	28.63	124.63	-473.71	24.82	134.00	-65.75
42018	55.08	3.10	-6.90	218.32	207.48	-465.26	65.60	215.81	57.50
42019	58.39	2.50	-8.30	134.66	232.01	-714.77	189.40	-306.02	-79.13
42020	58.47	3.10	-8.30	131.37	241.57	-748.86	186.77	-300.71	-63.37
42021	57.54	2.50	-8.30	95.44	241.18	-645.77	230.24	-254.60	-79.15
42022	57.62	3.10	-8.30	92.80	250.25	-681.31	225.60	-245.68	-64.23
42023	56.70	2.50	-8.30	75.10	244.76	-598.47	279.18	-179.65	-76.01
42024	56.77	3.10	-8.30	78.47	257.65	-637.93	273.44	-168.02	-62.37
42025	55.85	2.50	-8.30	75.97	280.11	-568.09	323.84	-68.96	-16.52
42026	55.93	3.10	-8.30	105.70	254.54	-621.20	309.62	-68.66	-9.82
42027	55.01	2.50	-8.30	23.78	195.05	-551.66	307.09	145.66	112.39
42028	55.08	3.10	-8.30	260.08	292.01	-571.82	299.70	161.95	215.11
42029	79.06	3.95	-2.70	108.56	-86.04	-1429.96	-4.68	85.36	-156.30
42030	80.27	3.95	-2.70	91.55	-89.25	-1419.79	-11.61	152.69	-153.83
42031	81.48	3.95	-2.70	67.12	-95.22	-1402.86	-19.18	216.96	-148.49
42032	82.69	3.95	-2.70	35.75	-103.90	-1380.74	-27.55	276.54	-140.44
42033	83.90	3.95	-2.70	-1.87	-115.23	-1355.54	-36.85	330.09	-129.97
42034	85.12	3.95	-2.70	-44.98	-129.19	-1329.80	-47.16	376.62	-117.40
42035	86.33	3.96	-2.70	-92.81	-145.77	-1306.40	-58.51	415.55	-103.05
42036	87.54	3.96	-2.70	-144.76	-165.02	-1288.51	-70.90	446.79	-87.20
42037	88.75	3.96	-2.70	-200.53	-187.14	-1279.49	-84.32	470.68	-70.04
42038	89.96	3.96	-2.70	-260.42	-212.50	-1282.96	-98.85	488.11	-51.59
42039	91.18	3.96	-2.70	-325.64	-241.85	-1302.94	-114.67	500.44	-31.66
42040	92.39	3.96	-2.70	-398.90	-276.49	-1344.49	-132.31	509.65	-9.67
42041	93.60	3.96	-2.70	-485.45	-318.93	-1415.66	-152.82	518.34	15.44
42042	94.81	3.96	-2.70	-594.98	-373.59	-1528.19	-178.57	530.17	45.74
42043	96.02	3.96	-2.70	-745.11	-454.91	-1744.87	-214.14	547.74	85.24
42044	97.23	3.96	-2.70	-994.59	-558.35	-1890.88	-290.71	723.82	163.71
42045	79.05	5.05	-2.70	98.53	-117.72	-1542.34	-8.00	88.95	-90.31
42046	80.24	5.05	-2.70	81.51	-121.04	-1533.15	-17.19	158.44	-88.62
42047	81.44	5.06	-2.70	56.86	-127.28	-1517.19	-26.88	224.94	-84.65
42048	82.63	5.06	-2.70	25.07	-136.36	-1496.06	-37.21	286.74	-78.50
42049	83.83	5.06	-2.70	-13.17	-148.23	-1471.90	-48.25	342.49	-70.37
42050	85.03	5.06	-2.70	-57.08	-162.85	-1447.28	-60.07	391.16	-60.48
42051	86.22	5.06	-2.70	-105.92	-180.21	-1425.13	-72.69	432.18	-49.04
42052	87.42	5.07	-2.70	-159.10	-200.38	-1408.63	-86.15	465.43	-36.20
42053	88.61	5.07	-2.70	-216.39	-223.60	-1401.18	-100.49	491.29	-22.02
42054	89.81	5.07	-2.70	-278.13	-250.31	-1406.44	-115.85	510.63	-6.40
42055	91.00	5.07	-2.70	-345.64	-281.35	-1428.54	-132.56	524.86	10.97
42056	92.20	5.07	-2.70	-421.73	-318.19	-1472.70	-151.26	535.93	30.79
42057	93.39	5.08	-2.70	-511.81	-363.59	-1547.37	-173.20	546.45	54.25
42058	94.59	5.08	-2.70	-625.78	-422.40	-1665.20	-200.99	560.02	83.59
42059	95.78	5.08	-2.70	-781.42	-509.80	-1890.74	-239.29	580.36	123.31
42060	96.98	5.08	-2.70	-1036.72	-622.34	-2031.23	-322.67	768.51	214.33
42061	79.04	6.15	-2.70	84.93	-156.93	-1653.04	-11.61	91.87	-18.39
42062	80.21	6.15	-2.70	68.01	-160.24	-1645.03	-23.08	162.72	-17.57
42063	81.39	6.16	-2.70	43.35	-166.55	-1630.48	-34.93	230.68	-15.06
42064	82.56	6.16	-2.70	11.45	-175.80	-1610.96	-47.23	294.07	-10.92
42065	83.74	6.16	-2.70	-27.04	-187.92	-1588.60	-60.04	351.49	-5.25
42066	84.91	6.16	-2.70	-71.36	-202.87	-1565.94	-73.39	401.95	1.84
42067	86.09	6.16	-2.70	-120.81	-220.67	-1545.88	-87.32	444.86	10.27
42068	87.26	6.17	-2.70	-174.86	-241.44	-1531.57	-101.89	480.09	20.01
42069	88.44	6.17	-2.70	-233.34	-265.46	-1526.39	-117.21	508.01	31.13
42070	89.61	6.17	-2.70	-296.67	-293.27	-1533.98	-133.53	529.48	43.84
42071	90.79	6.17	-2.70	-366.24	-325.83	-1558.56	-151.27	545.86	58.59
42072	91.96	6.17	-2.70	-444.98	-364.79	-1605.54	-171.26	559.11	76.15
42073	93.14	6.18	-2.70	-538.33	-413.21	-1683.78	-194.88	571.77	97.88
42074	94.31	6.18	-2.70	-656.17	-476.33	-1806.97	-224.89	587.40	126.21
42075	95.49	6.18	-2.70	-816.41	-569.77	-2040.14	-265.93	611.24	166.39

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]
42076	96.66	6.18	-2.70	-1074.98	-691.03	-2171.83	-355.98	811.05	271.33
42077	79.03	7.25	-2.70	67.40	-204.22	-1763.07	-15.40	94.12	58.20
42078	80.18	7.25	-2.70	50.69	-207.35	-1756.41	-29.12	165.50	58.08
42079	81.33	7.25	-2.70	26.25	-213.54	-1743.62	-43.09	234.16	59.08
42080	82.48	7.25	-2.70	-5.46	-222.69	-1726.26	-57.34	298.44	61.19
42081	83.63	7.25	-2.70	-43.82	-234.75	-1706.39	-71.89	357.00	64.41
42082	84.78	7.26	-2.70	-88.15	-249.72	-1686.46	-86.77	408.85	68.73
42083	85.93	7.26	-2.70	-137.80	-267.64	-1669.26	-102.03	453.41	74.18
42084	87.08	7.26	-2.70	-192.33	-288.69	-1657.85	-117.75	490.56	80.87
42085	88.23	7.26	-2.70	-251.65	-313.21	-1655.55	-134.15	520.63	88.99
42086	89.38	7.26	-2.70	-316.28	-341.88	-1665.97	-151.56	544.39	98.88
42087	90.53	7.26	-2.70	-387.70	-375.77	-1693.37	-170.50	563.15	111.04
42088	91.68	7.26	-2.70	-468.90	-416.75	-1743.37	-191.98	578.80	126.32
42089	92.83	7.26	-2.70	-565.28	-468.21	-1825.27	-217.63	593.84	146.22
42090	93.98	7.26	-2.70	-686.48	-535.87	-1953.93	-250.22	611.82	173.46
42091	95.13	7.26	-2.70	-849.95	-635.41	-2193.60	-294.08	640.05	214.50
42092	96.28	7.26	-2.70	-1108.98	-764.91	-2312.63	-390.36	851.36	335.09
42093	79.06	3.95	-4.10	159.75	-18.75	-1284.72	7.42	66.80	-196.88
42094	80.27	3.95	-4.10	144.26	-21.57	-1277.72	0.17	123.27	-195.16
42095	81.48	3.95	-4.10	122.33	-26.87	-1266.35	-7.51	177.19	-191.00
42096	82.69	3.95	-4.10	94.38	-34.58	-1251.89	-15.68	227.23	-184.51
42097	83.90	3.95	-4.10	60.99	-44.64	-1236.05	-24.42	272.26	-175.90
42098	85.12	3.95	-4.10	22.90	-56.99	-1220.90	-33.71	311.40	-165.41
42099	86.33	3.96	-4.10	-19.09	-71.56	-1208.80	-43.54	344.07	-153.32
42100	87.54	3.96	-4.10	-64.21	-88.29	-1202.35	-53.83	369.96	-139.90
42101	88.75	3.96	-4.10	-111.72	-107.16	-1204.34	-64.47	389.10	-125.35
42102	89.96	3.96	-4.10	-160.96	-128.21	-1217.77	-75.34	401.79	-109.83
42103	91.18	3.96	-4.10	-211.31	-151.50	-1245.96	-86.29	408.70	-93.33
42104	92.39	3.96	-4.10	-261.78	-177.14	-1293.00	-97.10	411.05	-75.63
42105	93.60	3.96	-4.10	-309.79	-204.96	-1363.85	-107.36	411.63	-55.98
42106	94.81	3.96	-4.10	-348.06	-234.17	-1466.94	-116.03	418.59	-32.26
42107	96.02	3.96	-4.10	-353.99	-256.18	-1578.81	-121.37	474.57	3.91
42108	97.23	3.96	-4.10	-330.15	-248.01	-1539.38	-128.31	644.96	62.65
42109	79.05	5.05	-4.10	151.42	-44.07	-1386.14	4.41	69.83	-141.95
42110	80.24	5.05	-4.10	135.98	-46.98	-1380.10	-4.67	128.04	-140.85
42111	81.44	5.06	-4.10	113.98	-52.44	-1369.81	-14.07	183.77	-137.77
42112	82.63	5.06	-4.10	85.85	-60.40	-1356.54	-23.83	235.65	-132.81
42113	83.83	5.06	-4.10	52.17	-70.76	-1342.02	-33.97	282.50	-126.10
42114	85.03	5.06	-4.10	13.69	-83.46	-1328.32	-44.46	323.44	-117.82
42115	86.22	5.06	-4.10	-28.81	-98.42	-1317.82	-55.26	357.83	-108.18
42116	87.42	5.07	-4.10	-74.54	-115.58	-1313.12	-66.29	385.37	-97.34
42117	88.61	5.07	-4.10	-122.75	-134.91	-1317.01	-77.46	406.04	-85.45
42118	89.81	5.07	-4.10	-172.79	-156.44	-1332.48	-88.64	420.17	-72.58
42119	91.00	5.07	-4.10	-223.94	-180.24	-1362.93	-99.66	428.45	-58.64
42120	92.20	5.07	-4.10	-275.09	-206.32	-1412.46	-110.24	432.18	-43.23
42121	93.39	5.08	-4.10	-323.39	-234.38	-1486.06	-119.74	434.45	-25.33
42122	94.59	5.08	-4.10	-360.98	-263.23	-1591.63	-126.63	444.36	-1.97
42123	95.78	5.08	-4.10	-364.77	-283.20	-1701.16	-128.50	506.77	38.32
42124	96.98	5.08	-4.10	-338.83	-271.83	-1648.29	-132.92	685.05	108.52
42125	79.04	6.15	-4.10	139.88	-75.74	-1487.77	1.07	72.30	-81.88
42126	80.21	6.15	-4.10	124.59	-78.61	-1482.85	-9.81	131.59	-81.45
42127	81.39	6.16	-4.10	102.72	-84.06	-1473.93	-20.91	188.50	-79.55
42128	82.56	6.16	-4.10	74.68	-92.02	-1462.28	-32.22	241.65	-76.21
42129	83.74	6.16	-4.10	41.04	-102.42	-1449.60	-43.72	289.88	-71.51
42130	84.91	6.16	-4.10	2.53	-115.15	-1437.93	-55.37	332.26	-65.57
42131	86.09	6.16	-4.10	-40.08	-130.15	-1429.61	-67.11	368.16	-58.49
42132	87.26	6.17	-4.10	-86.01	-147.37	-1427.17	-78.86	397.24	-50.37
42133	88.44	6.17	-4.10	-134.54	-166.77	-1433.38	-90.54	419.48	-41.28
42134	89.61	6.17	-4.10	-184.98	-188.39	-1451.22	-102.01	435.16	-31.18
42135	90.79	6.17	-4.10	-236.55	-212.26	-1484.07	-113.09	445.00	-19.90
42136	91.96	6.17	-4.10	-287.95	-238.31	-1536.07	-123.37	450.44	-6.89
42137	93.14	6.18	-4.10	-336.00	-266.01	-1612.13	-132.00	454.92	9.32
42138	94.31	6.18	-4.10	-372.35	-293.66	-1719.21	-136.94	468.63	32.71
42139	95.49	6.18	-4.10	-373.85	-310.51	-1823.96	-135.26	538.10	78.00
42140	96.66	6.18	-4.10	-346.28	-295.57	-1756.08	-137.30	722.57	160.19
42141	79.03	7.25	-4.10	124.87	-114.02	-1590.76	-2.49	74.22	-17.67
42142	80.18	7.25	-4.10	109.84	-116.70	-1587.07	-15.09	133.87	-17.98
42143	81.33	7.25	-4.10	88.29	-121.95	-1579.75	-27.81	191.30	-17.31
42144	82.48	7.25	-4.10	60.62	-129.67	-1570.08	-40.59	245.16	-15.64
42145	83.63	7.25	-4.10	27.37	-139.80	-1559.67	-53.39	294.27	-13.00
42146	84.78	7.26	-4.10	-10.78	-152.24	-1550.51	-66.14	337.73	-9.42
42147	85.93	7.26	-4.10	-53.08	-166.93	-1544.83	-78.77	374.88	-4.94
42148	87.08	7.26	-4.10	-98.80	-183.83	-1545.08	-91.20	405.39	0.43
42149	88.23	7.26	-4.10	-147.23	-202.90	-1553.94	-103.35	429.19	6.73
42150	89.38	7.26	-4.10	-197.65	-224.17	-1574.36	-115.10	446.53	14.05
42151	90.53	7.26	-4.10	-249.19	-247.63	-1609.68	-126.19	458.12	22.67
42152	91.68	7.26	-4.10	-300.35	-273.08	-1664.03	-136.11	465.58	33.29
42153	92.83	7.26	-4.10	-347.56	-299.70	-1742.15	-143.73	472.83	47.91
42154	93.98	7.26	-4.10	-382.04	-325.11	-1849.50	-146.49	491.33	71.93
42155	95.13	7.26	-4.10	-381.19	-337.58	-1946.57	-141.31	568.50	123.42
42156	96.28	7.26	-4.10	-352.43	-318.85	-1862.08	-141.48	757.10	217.82
42157	79.06	3.95	-5.50	229.03	73.06	-1163.64	21.66	50.05	-227.97
42158	80.27	3.95	-5.50	215.45	70.66	-1159.23	14.90	97.27	-226.78
42159	81.48	3.95	-5.50	196.33	66.11	-1152.36	7.94	142.40	-223.37
42160	82.69	3.95	-5.50	172.08	59.47	-1144.07	0.75	184.38	-217.81
42161	83.90	3.95	-5.50	143.27	50.83	-1135.79	-6.63	222.36	-210.25
42162	85.12	3.95	-5.50	110.70	40.32	-1129.23	-14.14	255.66	-200.83
42163	86.33	3.96	-5.50	75.31	28.12	-1126.38	-21.66	283.83	-189.75
42164	87.54	3.96	-5.50	38.20	14.43	-1129.39	-29.01	306.70	-177.17
42165	88.75	3.96	-5.50	0.68	-0.47	-1140.56	-35.93	324.43	-163.21
42166	89.96	3.96	-5.50	-35.62	-16.22	-1162.22	-42.10	337.66	-147.85
42167	91.18	3.96	-5.50	-68.53	-32.25	-1196.63	-47.07	347.79	-130.87
42168	92.39	3.96	-5.50	-94.80	-47.63	-1245.48	-50.20	357.87	-111.53
42169	93.60	3.96	-5.50	-109.55	-60.72	-1308.36	-50.71	374.63	-88.20
42170	94.81	3.96	-5.50	-106.47	-67.95	-1373.71	-48.00	414.05	-57.24
42171	96.02	3.96	-5.50	-91.55	-63.85	-1396.07	-44.45	498.52	-13.88
42172	97.23	3.96	-5.50	-102.27	-46.70	-1300.37	-47.84	615.05	39.84
42173	79.05	5.05	-5.50	223.70	57.11	-1255.50	18.92	52.54	-182.27
42174	80.24	5.05	-5.50	210.27	54.65	-1252.02	10.72	101.29	-181.51

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]
42175	81.44	5.06	-5.50	191.25	50.02	-1246.27	2.40	148.01	-178.91
42176	82.63	5.06	-5.50	167.05	43.30	-1239.30	-6.00	191.64	-174.50
42177	83.83	5.06	-5.50	138.27	34.59	-1232.53	-14.43	231.29	-168.37
42178	85.03	5.06	-5.50	105.72	24.06	-1227.68	-22.78	266.26	-160.62
42179	86.22	5.06	-5.50	70.35	11.88	-1226.71	-30.90	296.08	-151.38
42180	87.42	5.07	-5.50	33.29	-1.68	-1231.76	-38.57	320.58	-140.73
42181	88.61	5.07	-5.50	-4.10	-16.33	-1245.07	-45.52	339.93	-128.71
42182	89.81	5.07	-5.50	-40.16	-31.63	-1268.91	-51.36	354.81	-115.18
42183	91.00	5.07	-5.50	-72.60	-46.93	-1305.41	-55.58	366.76	-99.73
42184	92.20	5.07	-5.50	-98.11	-61.19	-1355.97	-57.46	379.10	-81.32
42185	93.39	5.08	-5.50	-111.73	-72.59	-1419.49	-56.10	399.02	-57.74
42186	94.59	5.08	-5.50	-107.46	-77.42	-1482.58	-51.07	442.98	-24.35
42187	95.78	5.08	-5.50	-92.43	-70.73	-1497.36	-45.99	532.42	24.42
42188	96.98	5.08	-5.50	-104.42	-52.35	-1389.08	-51.24	651.69	84.35
42189	79.04	6.15	-5.50	215.58	35.98	-1349.01	15.81	54.60	-131.75
42190	80.21	6.15	-5.50	202.38	33.58	-1346.58	6.26	104.33	-131.46
42191	81.39	6.16	-5.50	183.63	29.05	-1342.16	-3.33	152.13	-129.73
42192	82.56	6.16	-5.50	159.74	22.49	-1336.80	-12.86	196.96	-126.54
42193	83.74	6.16	-5.50	131.32	14.02	-1331.90	-22.25	237.91	-121.93
42194	84.91	6.16	-5.50	99.15	3.80	-1329.14	-31.35	274.26	-115.95
42195	86.09	6.16	-5.50	64.21	-7.95	-1330.41	-39.96	305.56	-108.64
42196	87.26	6.17	-5.50	27.64	-20.95	-1337.78	-47.86	331.61	-100.01
42197	88.44	6.17	-5.50	-9.19	-34.85	-1353.42	-54.73	352.62	-89.99
42198	89.61	6.17	-5.50	-44.56	-49.16	-1379.47	-60.14	369.31	-78.31
42199	90.79	6.17	-5.50	-76.12	-63.15	-1417.89	-63.51	383.39	-64.36
42200	91.96	6.17	-5.50	-100.46	-75.62	-1469.68	-64.03	398.46	-46.72
42201	93.14	6.18	-5.50	-112.72	-84.61	-1532.84	-60.77	422.14	-22.53
42202	94.31	6.18	-5.50	-107.42	-86.40	-1591.90	-53.57	471.07	13.84
42203	95.49	6.18	-5.50	-92.85	-76.96	-1597.20	-47.48	564.93	68.30
42204	96.66	6.18	-5.50	-106.13	-57.97	-1476.14	-55.07	685.28	134.04
42205	79.03	7.25	-5.50	204.51	9.73	-1445.44	12.45	56.25	-77.05
42206	80.18	7.25	-5.50	191.65	7.55	-1444.13	1.66	106.33	-77.29
42207	81.33	7.25	-5.50	173.36	3.32	-1441.19	-9.06	154.69	-76.50
42208	82.48	7.25	-5.50	150.04	-2.82	-1437.65	-19.59	200.25	-74.58
42209	83.63	7.25	-5.50	122.29	-10.75	-1434.88	-29.80	242.10	-71.52
42210	84.78	7.26	-5.50	90.90	-20.29	-1434.47	-39.51	279.54	-67.33
42211	85.93	7.26	-5.50	56.81	-31.19	-1438.22	-48.51	312.11	-61.97
42212	87.08	7.26	-5.50	21.17	-43.17	-1448.08	-56.53	339.64	-55.36
42213	88.23	7.26	-5.50	-14.63	-55.80	-1466.09	-63.20	362.37	-47.28
42214	89.38	7.26	-5.50	-48.85	-68.54	-1494.24	-68.08	381.06	-37.34
42215	90.53	7.26	-5.50	-79.05	-80.58	-1534.20	-70.51	397.55	-24.71
42216	91.68	7.26	-5.50	-101.80	-90.57	-1586.51	-69.59	415.81	-7.58
42217	92.83	7.26	-5.50	-112.44	-96.39	-1648.04	-64.43	443.92	17.69
42218	93.98	7.26	-5.50	-106.29	-94.53	-1701.04	-55.31	498.25	57.69
42219	95.13	7.26	-5.50	-92.85	-82.36	-1694.75	-48.85	595.78	118.09
42220	96.28	7.26	-5.50	-107.52	-63.60	-1560.87	-59.32	715.39	189.02
42221	79.06	3.95	-6.90	315.66	187.63	-1062.98	37.79	35.55	-245.29
42222	80.27	3.95	-6.90	304.28	185.63	-1060.64	32.13	74.90	-244.41
42223	81.48	3.95	-6.90	288.06	181.73	-1057.23	26.46	112.58	-241.39
42224	82.69	3.95	-6.90	267.39	176.01	-1053.63	20.80	147.86	-236.26
42225	83.90	3.95	-6.90	242.89	168.59	-1050.99	15.22	180.17	-229.07
42226	85.12	3.95	-6.90	215.37	159.63	-1050.73	9.83	209.11	-219.88
42227	86.33	3.96	-6.90	185.86	149.38	-1054.45	4.80	234.53	-208.75
42228	87.54	3.96	-6.90	155.64	138.15	-1063.84	0.37	256.58	-195.69
42229	88.75	3.96	-6.90	126.23	126.36	-1080.56	-3.18	275.83	-180.67
42230	89.96	3.96	-6.90	99.51	114.58	-1105.94	-5.50	293.47	-163.46
42231	91.18	3.96	-6.90	77.68	103.60	-1140.50	-6.24	311.74	-143.56
42232	92.39	3.96	-6.90	63.13	94.48	-1182.74	-5.10	334.60	-120.02
42233	93.60	3.96	-6.90	57.46	88.76	-1226.18	-2.16	368.62	-91.25
42234	94.81	3.96	-6.90	57.66	88.18	-1253.78	1.33	421.56	-55.40
42235	96.02	3.96	-6.90	51.58	93.48	-1236.92	2.22	492.98	-12.43
42236	97.23	3.96	-6.90	24.90	103.56	-1149.61	-2.96	562.75	33.25
42237	79.05	5.05	-6.90	314.38	183.37	-1145.99	35.25	37.56	-207.21
42238	80.24	5.05	-6.90	303.22	181.32	-1144.49	28.45	78.36	-206.59
42239	81.44	5.06	-6.90	287.24	177.38	-1142.18	21.71	117.58	-204.09
42240	82.63	5.06	-6.90	266.81	171.67	-1139.91	15.10	154.49	-199.70
42241	83.83	5.06	-6.90	242.58	164.32	-1138.85	8.74	188.50	-193.43
42242	85.03	5.06	-6.90	215.36	155.52	-1140.38	2.77	219.19	-185.28
42243	86.22	5.06	-6.90	186.23	145.54	-1146.07	-2.60	246.42	-175.25
42244	87.42	5.07	-6.90	156.48	134.74	-1157.53	-7.09	270.34	-163.28
42245	88.61	5.07	-6.90	127.65	123.58	-1176.30	-10.40	291.55	-149.21
42246	89.81	5.07	-6.90	101.63	112.67	-1203.53	-12.15	311.33	-132.69
42247	91.00	5.07	-6.90	80.61	102.85	-1239.41	-11.98	332.02	-113.02
42248	92.20	5.07	-6.90	66.87	95.20	-1281.91	-9.65	357.73	-88.96
42249	93.39	5.08	-6.90	61.73	91.19	-1323.67	-5.45	395.08	-58.60
42250	94.59	5.08	-6.90	61.74	92.24	-1346.72	-1.20	451.32	-19.95
42251	95.78	5.08	-6.90	54.66	98.54	-1322.33	-0.92	524.90	26.34
42252	96.98	5.08	-6.90	26.91	108.59	-1225.83	-8.48	595.07	74.18
42253	79.04	6.15	-6.90	310.66	174.79	-1231.52	32.30	39.26	-164.26
42254	80.21	6.15	-6.90	299.82	172.78	-1230.94	24.48	81.09	-163.89
42255	81.39	6.16	-6.90	284.23	168.99	-1229.86	16.79	121.47	-161.94
42256	82.56	6.16	-6.90	264.28	163.52	-1229.12	9.37	159.67	-158.33
42257	83.74	6.16	-6.90	240.61	156.54	-1229.85	2.34	195.10	-153.02
42258	84.91	6.16	-6.90	214.05	148.25	-1233.39	-4.08	227.36	-145.96
42259	86.09	6.16	-6.90	185.69	138.96	-1241.21	-9.67	256.29	-137.06
42260	87.26	6.17	-6.90	156.81	129.05	-1254.81	-14.12	282.07	-126.19
42261	88.44	6.17	-6.90	128.97	119.03	-1275.56	-17.08	305.33	-113.05
42262	89.61	6.17	-6.90	104.03	109.54	-1304.35	-18.18	327.42	-97.16
42263	90.79	6.17	-6.90	84.12	101.42	-1341.00	-17.07	350.81	-77.59
42264	91.96	6.17	-6.90	71.34	95.74	-1382.85	-13.61	379.70	-52.82
42265	93.14	6.18	-6.90	66.67	93.81	-1421.61	-8.36	420.57	-20.63
42266	94.31	6.18	-6.90	66.20	96.59	-1438.60	-3.74	479.85	20.90
42267	95.49	6.18	-6.90	57.94	103.57	-1405.73	-4.49	554.71	70.22
42268	96.66	6.18	-6.90	29.55	112.96	-1300.41	-14.64	624.28	119.62
42269	79.03	7.25	-6.90	304.43	162.15	-1320.87	29.03	40.72	-116.64
42270	80.18	7.25	-6.90	294.01	160.31	-1321.28	20.34	83.05	-116.53
42271	81.33	7.25	-6.90	278.97	156.85	-1321.49	11.89	124.18	-115.18
42272	82.48	7.25	-6.90	259.74	151.89	-1322.37	3.82	163.34	-112.38
42273	83.63	7.25	-6.90	236.94	145.60	-1325.00	-3.70	199.92	-108.03

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]
42274	84.78	7.26	-6.90	211.42	138.21	-1330.62	-10.43	233.52	-102.04
42275	85.93	7.26	-6.90	184.21	130.03	-1340.58	-16.09	264.03	-94.25
42276	87.08	7.26	-6.90	156.62	121.49	-1356.20	-20.37	291.65	-84.41
42277	88.23	7.26	-6.90	130.18	113.10	-1378.64	-22.89	317.06	-72.11
42278	89.38	7.26	-6.90	106.69	105.55	-1408.48	-23.30	341.66	-56.65
42279	90.53	7.26	-6.90	88.20	99.63	-1445.08	-21.29	367.98	-36.97
42280	91.68	7.26	-6.90	76.56	96.37	-1485.09	-16.81	400.32	-11.27
42281	92.83	7.26	-6.90	72.28	96.81	-1519.31	-10.79	444.88	22.95
42282	93.98	7.26	-6.90	71.03	101.28	-1528.64	-6.28	506.86	67.37
42283	95.13	7.26	-6.90	61.42	108.48	-1486.43	-8.52	582.00	119.24
42284	96.28	7.26	-6.90	32.73	116.52	-1372.91	-21.38	649.97	169.39
42285	79.06	3.95	-8.30	418.95	323.27	-979.86	55.52	23.60	-245.38
42286	80.27	3.95	-8.30	409.90	321.58	-979.08	51.44	56.04	-244.66
42287	81.48	3.95	-8.30	396.43	318.13	-978.12	47.49	87.22	-241.82
42288	82.69	3.95	-8.30	378.92	312.99	-977.69	43.71	116.72	-236.85
42289	83.90	3.95	-8.30	357.93	306.28	-978.70	40.15	144.25	-229.70
42290	85.12	3.95	-8.30	334.24	298.17	-982.26	36.93	169.73	-220.34
42291	86.33	3.96	-8.30	308.82	288.90	-989.56	34.20	193.31	-208.71
42292	87.54	3.96	-8.30	282.84	278.79	-1001.78	32.15	215.46	-194.71
42293	88.75	3.96	-8.30	257.63	268.28	-1019.87	30.98	237.07	-178.17
42294	89.96	3.96	-8.30	234.63	257.90	-1044.13	30.89	259.59	-158.80
42295	91.18	3.96	-8.30	215.16	248.33	-1073.60	31.94	285.20	-136.14
42296	92.39	3.96	-8.30	199.86	240.33	-1104.81	33.93	316.87	-109.53
42297	93.60	3.96	-8.30	187.53	234.66	-1130.21	36.12	357.63	-78.30
42298	94.81	3.96	-8.30	173.75	231.70	-1137.37	37.00	407.98	-42.36
42299	96.02	3.96	-8.30	151.90	231.21	-1111.89	34.65	462.05	-3.07
42300	97.23	3.96	-8.30	117.26	232.39	-1044.23	27.84	506.26	36.46
42301	79.05	5.05	-8.30	422.55	332.61	-1054.27	53.09	25.17	-213.89
42302	80.24	5.05	-8.30	413.80	330.81	-1054.19	48.04	59.07	-213.27
42303	81.44	5.06	-8.30	400.65	327.29	-1054.21	43.18	91.82	-210.67
42304	82.63	5.06	-8.30	383.46	322.11	-1055.02	38.58	123.01	-206.04
42305	83.83	5.06	-8.30	362.83	315.43	-1057.52	34.35	152.35	-199.29
42306	85.03	5.06	-8.30	339.54	307.42	-1062.76	30.61	179.74	-190.34
42307	86.22	5.06	-8.30	314.58	298.36	-1071.88	27.57	205.34	-179.06
42308	87.42	5.07	-8.30	289.12	288.59	-1085.95	25.42	229.64	-165.29
42309	88.61	5.07	-8.30	264.49	278.57	-1105.73	24.41	253.51	-148.76
42310	89.81	5.07	-8.30	242.07	268.85	-1131.28	24.69	278.42	-129.08
42311	91.00	5.07	-8.30	223.09	260.06	-1161.22	26.28	306.58	-105.68
42312	92.20	5.07	-8.30	208.00	252.92	-1191.63	28.82	340.86	-77.82
42313	93.39	5.08	-8.30	195.40	247.99	-1214.45	31.30	384.05	-44.87
42314	94.59	5.08	-8.30	180.84	245.42	-1217.15	31.87	436.13	-7.01
42315	95.78	5.08	-8.30	157.95	244.73	-1185.76	28.36	490.84	33.72
42316	96.98	5.08	-8.30	122.47	245.10	-1111.58	19.56	534.64	73.37
42317	79.04	6.15	-8.30	423.95	337.92	-1131.43	50.19	26.54	-177.36
42318	80.21	6.15	-8.30	415.57	336.10	-1132.08	44.29	61.61	-176.80
42319	81.39	6.16	-8.30	402.88	332.65	-1133.15	38.64	95.67	-174.44
42320	82.56	6.16	-8.30	386.22	327.67	-1135.30	33.35	128.33	-170.16
42321	83.74	6.16	-8.30	366.21	321.30	-1139.38	28.55	159.30	-163.82
42322	84.91	6.16	-8.30	343.63	313.74	-1146.37	24.42	188.50	-155.28
42323	86.09	6.16	-8.30	319.47	305.27	-1157.31	21.17	216.08	-144.35
42324	87.26	6.17	-8.30	294.88	296.27	-1173.12	19.02	242.54	-130.78
42325	88.44	6.17	-8.30	271.15	287.19	-1194.32	18.20	268.75	-114.21
42326	89.61	6.17	-8.30	249.60	278.56	-1220.65	18.85	296.19	-94.17
42327	90.79	6.17	-8.30	231.30	270.95	-1250.33	20.89	326.99	-69.99
42328	91.96	6.17	-8.30	216.51	264.95	-1278.94	23.80	363.91	-40.87
42329	93.14	6.18	-8.30	203.60	260.88	-1298.07	26.30	409.31	-6.25
42330	94.31	6.18	-8.30	188.21	258.57	-1295.35	26.23	462.60	33.26
42331	95.49	6.18	-8.30	164.46	257.37	-1257.70	21.32	517.22	74.94
42332	96.66	6.18	-8.30	128.64	256.53	-1177.49	10.50	560.07	114.14
42333	79.03	7.25	-8.30	423.10	339.39	-1212.59	46.86	27.80	-135.50
42334	80.18	7.25	-8.30	415.19	337.63	-1213.92	40.28	63.62	-134.97
42335	81.33	7.25	-8.30	403.08	334.42	-1216.03	34.04	98.73	-132.88
42336	82.48	7.25	-8.30	387.17	329.87	-1219.51	28.23	132.65	-128.95
42337	83.63	7.25	-8.30	368.05	324.10	-1225.15	23.02	165.08	-122.99
42338	84.78	7.26	-8.30	346.50	317.33	-1233.81	18.63	195.95	-114.82
42339	85.93	7.26	-8.30	323.47	309.85	-1246.37	15.28	225.44	-104.20
42340	87.08	7.26	-8.30	300.10	302.02	-1263.56	13.21	254.05	-90.80
42341	88.23	7.26	-8.30	277.59	294.28	-1285.63	12.62	282.67	-74.15
42342	89.38	7.26	-8.30	257.17	287.13	-1311.97	13.58	312.69	-53.68
42343	90.53	7.26	-8.30	239.74	281.01	-1340.38	15.92	346.18	-28.69
42344	91.68	7.26	-8.30	225.31	276.34	-1365.99	18.96	385.70	1.62
42345	92.83	7.26	-8.30	212.07	273.16	-1380.22	21.14	433.08	37.71
42346	93.98	7.26	-8.30	195.85	270.94	-1371.19	20.11	487.02	78.48
42347	95.13	7.26	-8.30	171.42	268.88	-1327.07	13.60	540.80	120.50
42348	96.28	7.26	-8.30	135.72	266.45	-1241.52	0.78	582.21	158.56
42349	98.27	3.96	-2.70	-1187.81	-539.13	-1021.25	-429.70	937.41	203.45
42350	99.12	3.96	-2.70	-361.82	-238.94	-47.81	-262.97	206.79	39.23
42351	99.98	3.96	-2.70	-63.13	-155.28	-41.19	-169.73	65.20	26.80
42352	100.83	3.96	-2.70	25.36	-99.30	-15.45	-104.81	3.67	24.29
42353	101.69	3.96	-2.70	17.44	-60.01	4.05	-37.99	-20.36	40.43
42354	98.01	5.08	-2.70	-1224.73	-609.68	-1090.80	-472.59	986.60	269.24
42355	98.87	5.08	-2.70	-363.78	-269.00	-50.93	-270.04	217.17	52.13
42356	99.74	5.08	-2.70	-55.58	-170.09	-43.69	-164.06	67.59	30.23
42357	100.60	5.07	-2.70	33.07	-105.31	-16.28	-98.28	2.90	24.03
42358	101.47	5.07	-2.70	20.43	-59.31	4.24	-34.84	-22.67	38.83
42359	97.69	6.18	-2.70	-1254.57	-685.25	-1159.69	-516.32	1030.64	341.14
42360	98.57	6.18	-2.70	-364.96	-299.86	-54.39	-276.79	227.15	66.38
42361	99.44	6.18	-2.70	-48.72	-184.49	-46.15	-157.66	69.86	33.90
42362	100.32	6.18	-2.70	40.18	-110.98	-17.14	-91.14	2.24	23.58
42363	101.20	6.17	-2.70	23.24	-58.60	4.39	-31.60	-24.86	36.99
42364	97.31	7.26	-2.70	-1276.97	-765.80	-1227.48	-560.12	1068.70	419.15
42365	98.20	7.26	-2.70	-365.10	-331.24	-58.46	-283.21	236.15	82.02
42366	99.09	7.26	-2.70	-42.68	-198.43	-49.04	-150.74	72.10	37.71
42367	99.98	7.26	-2.70	46.64	-116.52	-18.22	-83.55	1.51	22.79
42368	100.87	7.26	-2.70	25.87	-57.93	4.33	-28.16	-26.80	34.78
42369	98.27	3.96	-4.10	-395.84	-192.63	-1065.73	-152.54	808.05	128.22
42370	99.12	3.96	-4.10	-449.79	-123.94	-448.74	-175.48	577.83	115.19
42371	99.98	3.96	-4.10	-230.74	-44.72	-156.95	-126.32	247.82	79.10
42372	100.83	3.96	-4.10	-85.31	-0.74	-90.15	-76.14	82.89	77.69

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]
42373	101.69	3.96	-4.10	-14.99	38.06	-8.87	-29.36	-4.54	102.77
42374	98.01	5.08	-4.10	-407.18	-214.48	-1137.32	-165.36	851.60	183.48
42375	98.87	5.08	-4.10	-461.93	-143.33	-477.12	-196.33	607.04	151.48
42376	99.74	5.08	-4.10	-234.24	-53.45	-165.71	-137.52	258.55	92.26
42377	100.60	5.07	-4.10	-84.49	-2.16	-94.71	-81.17	84.48	80.55
42378	101.47	5.07	-4.10	-13.49	42.17	-9.08	-32.74	-7.97	100.76
42379	97.69	6.18	-4.10	-416.68	-238.05	-1208.74	-178.65	890.73	244.47
42380	98.57	6.18	-4.10	-471.07	-165.81	-506.18	-218.08	633.74	191.59
42381	99.44	6.18	-4.10	-236.35	-63.96	-175.05	-149.26	268.57	106.85
42382	100.32	6.18	-4.10	-83.06	-4.54	-99.59	-86.49	85.93	83.73
42383	101.20	6.17	-4.10	-11.63	45.61	-9.52	-36.46	-11.32	98.58
42384	97.31	7.26	-4.10	-424.10	-263.50	-1279.63	-192.38	924.97	310.59
42385	98.20	7.26	-4.10	-477.08	-191.48	-535.81	-240.34	657.57	234.94
42386	99.09	7.26	-4.10	-236.87	-76.16	-185.13	-161.44	277.80	122.76
42387	99.98	7.26	-4.10	-80.90	-7.72	-104.93	-92.02	87.03	87.02
42388	100.87	7.26	-4.10	-9.34	48.53	-10.34	-40.50	-14.50	96.09
42389	98.27	3.96	-5.50	-172.23	-17.27	-1011.76	-65.89	680.41	91.37
42390	99.12	3.96	-5.50	-224.05	21.96	-628.64	-81.16	582.12	114.24
42391	99.98	3.96	-5.50	-193.04	57.91	-353.97	-75.67	370.88	114.16
42392	100.83	3.96	-5.50	-94.94	91.34	-208.65	-51.02	175.22	118.39
42393	101.69	3.96	-5.50	-20.94	121.80	-81.01	-28.04	35.94	140.60
42394	98.01	5.08	-5.50	-176.48	-23.24	-1078.41	-75.90	716.55	137.60
42395	98.87	5.08	-5.50	-229.65	16.94	-667.94	-96.65	610.92	150.60
42396	99.74	5.08	-5.50	-197.38	56.04	-374.46	-90.60	387.05	134.62
42397	100.60	5.07	-5.50	-95.83	94.04	-219.57	-61.41	180.19	125.92
42398	101.47	5.07	-5.50	-19.50	128.05	-84.71	-35.72	33.33	140.08
42399	97.69	6.18	-5.50	-179.21	-30.34	-1144.53	-86.61	748.98	188.28
42400	98.57	6.18	-5.50	-232.93	9.97	-707.37	-113.02	637.09	190.32
42401	99.44	6.18	-5.50	-199.60	52.27	-395.20	-106.45	401.85	157.01
42402	100.32	6.18	-5.50	-95.38	95.42	-230.51	-72.53	184.60	134.16
42403	101.20	6.17	-5.50	-17.20	133.35	-88.23	-43.99	30.58	139.59
42404	97.31	7.26	-5.50	-180.39	-38.70	-1209.75	-97.89	777.20	243.53
42405	98.20	7.26	-5.50	-233.75	0.84	-746.86	-130.14	660.35	233.64
42406	99.09	7.26	-5.50	-199.53	46.45	-416.29	-123.02	415.29	181.68
42407	99.98	7.26	-5.50	-93.38	95.54	-241.74	-84.20	188.35	143.37
42408	100.87	7.26	-5.50	-13.95	137.86	-91.86	-52.77	27.89	139.33
42409	98.27	3.96	-6.90	-30.30	118.81	-960.11	-15.80	594.85	78.73
42410	99.12	3.96	-6.90	-86.45	136.58	-709.25	-30.84	535.32	111.50
42411	99.98	3.96	-6.90	-96.22	153.88	-494.81	-36.68	395.35	129.10
42412	100.83	3.96	-6.90	-61.33	170.25	-344.50	-33.10	231.71	143.44
42413	101.69	3.96	-6.90	-14.44	187.65	-211.01	-28.37	67.46	161.22
42414	98.01	5.08	-6.90	-29.76	123.17	-1021.95	-25.60	625.96	118.81
42415	98.87	5.08	-6.90	-87.54	140.46	-752.70	-44.68	561.13	144.47
42416	99.74	5.08	-6.90	-97.34	158.49	-523.30	-51.10	412.04	150.69
42417	100.60	5.07	-6.90	-60.98	176.51	-362.51	-45.38	238.47	153.55
42418	101.47	5.07	-6.90	-12.28	195.43	-220.47	-38.49	65.59	161.38
42419	97.69	6.18	-6.90	-27.80	126.10	-1083.08	-36.17	653.83	162.83
42420	98.57	6.18	-6.90	-86.58	142.30	-795.95	-59.48	584.52	180.60
42421	99.44	6.18	-6.90	-96.33	161.03	-551.75	-66.56	427.18	174.43
42422	100.32	6.18	-6.90	-58.85	181.00	-380.23	-58.71	244.28	164.90
42423	101.20	6.17	-6.90	-8.84	201.89	-228.99	-49.56	63.23	162.25
42424	97.31	7.26	-6.90	-24.48	127.44	-1143.24	-47.35	678.12	210.60
42425	98.20	7.26	-6.90	-83.57	141.96	-838.93	-75.05	605.25	219.80
42426	99.09	7.26	-6.90	-93.19	161.37	-580.32	-82.86	440.86	200.42
42427	99.98	7.26	-6.90	-54.93	183.79	-398.22	-72.84	249.30	177.49
42428	100.87	7.26	-6.90	-4.17	207.07	-237.77	-61.36	60.90	163.67
42429	98.27	3.96	-8.30	64.58	234.54	-917.34	15.28	521.24	76.71
42430	99.12	3.96	-8.30	9.19	236.70	-749.32	-0.75	477.74	111.14
42431	99.98	3.96	-8.30	-22.40	238.17	-592.06	-13.94	376.54	135.43
42432	100.83	3.96	-8.30	-24.72	238.98	-467.51	-22.99	242.38	154.38
42433	101.69	3.96	-8.30	-7.71	238.07	-374.93	-31.03	82.23	170.49
42434	98.01	5.08	-8.30	68.51	245.92	-974.98	4.12	548.10	111.59
42435	98.87	5.08	-8.30	11.60	246.63	-794.36	-14.60	500.31	140.16
42436	99.74	5.08	-8.30	-20.51	247.20	-625.86	-28.51	391.96	155.66
42437	100.60	5.07	-8.30	-22.02	247.80	-492.14	-36.35	248.97	164.72
42438	101.47	5.07	-8.30	-4.11	247.44	-390.19	-42.77	79.48	170.31
42439	97.69	6.18	-8.30	74.01	255.55	-1031.87	-7.87	572.14	149.83
42440	98.57	6.18	-8.30	16.00	254.42	-839.03	-29.43	520.73	171.93
42441	99.44	6.18	-8.30	-16.45	254.04	-659.50	-44.22	405.91	177.91
42442	100.32	6.18	-8.30	-17.23	254.67	-516.42	-51.05	254.46	176.47
42443	101.20	6.17	-8.30	1.08	255.48	-403.88	-55.78	75.87	171.32
42444	97.31	7.26	-8.30	81.02	263.28	-1087.75	-20.49	593.09	191.25
42445	98.20	7.26	-8.30	22.32	259.94	-883.21	-45.03	538.87	206.39
42446	99.09	7.26	-8.30	-10.43	258.61	-693.04	-60.83	418.51	202.26
42447	99.98	7.26	-8.30	-10.80	259.61	-540.95	-66.72	259.32	189.57
42448	100.87	7.26	-8.30	7.44	261.57	-418.35	-69.66	72.62	173.13
42449	77.84	3.95	-2.70	117.87	-85.64	-1432.45	1.83	16.77	-155.78
42450	77.85	5.05	-2.70	107.63	-117.40	-1543.96	0.80	18.32	-89.52
42451	77.86	6.15	-2.70	93.84	-156.74	-1653.72	-0.49	20.02	-17.34
42452	77.87	7.25	-2.70	76.16	-204.24	-1762.74	-1.99	21.91	59.49
42453	76.63	3.95	-2.70	119.50	-88.07	-1426.89	8.09	-50.99	-152.30
42454	76.66	5.05	-2.70	108.86	-120.10	-1537.66	9.35	-51.36	-86.30
42455	76.69	6.15	-2.70	94.79	-159.68	-1646.77	10.37	-50.81	-14.47
42456	76.72	7.25	-2.70	77.00	-207.38	-1755.19	11.11	-49.30	61.93
42457	75.42	3.95	-2.70	113.83	-93.29	-1413.46	14.25	-115.98	-146.10
42458	75.46	5.06	-2.70	102.58	-125.76	-1523.52	17.74	-118.07	-80.92
42459	75.51	6.16	-2.70	88.14	-165.63	-1632.30	20.98	-118.56	-10.01
42460	75.57	7.25	-2.70	70.27	-213.48	-1740.71	23.84	-117.40	65.43
42461	74.21	3.95	-2.70	101.54	-101.30	-1393.05	20.39	-176.28	-137.45
42462	74.27	5.06	-2.70	89.49	-134.35	-1502.48	26.02	-179.83	-73.61
42463	74.34	6.16	-2.70	74.59	-174.58	-1611.22	31.36	-181.25	-4.12
42464	74.42	7.25	-2.70	56.58	-222.53	-1720.18	36.25	-180.46	69.85
42465	73.00	3.95	-2.70	83.67	-112.10	-1367.10	26.49	-230.20	-126.69
42466	73.07	5.06	-2.70	70.65	-145.89	-1476.01	34.15	-234.93	-64.64
42467	73.16	6.16	-2.70	55.12	-186.54	-1585.01	41.48	-237.16	3.01
42468	73.27	7.25	-2.70	36.91	-234.58	-1694.97	48.28	-236.82	75.12
42469	71.78	3.95	-2.70	61.61	-125.71	-1337.56	32.40	-276.42	-114.17
42470	71.87	5.06	-2.70	47.43	-160.43	-1446.07	42.01	-282.00	-54.25
42471	71.99	6.16	-2.70	31.08	-201.59	-1555.59	51.24	-284.93	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]
42472	72.12	7.26	-2.70	12.48	-249.77	-1666.92	59.86	-285.17	81.20
42473	70.57	3.96	-2.70	37.01	-142.20	-1306.64	37.83	-314.14	-100.13
42474	70.68	5.06	-2.70	21.50	-178.09	-1414.94	49.38	-320.19	-42.63
42475	70.81	6.16	-2.70	4.06	-219.91	-1525.21	60.50	-323.68	20.46
42476	70.97	7.26	-2.70	-15.25	-268.31	-1638.18	70.90	-324.61	88.15
42477	69.36	3.96	-2.70	11.71	-161.65	-1276.66	42.35	-343.23	-84.64
42478	69.48	5.07	-2.70	-5.29	-199.06	-1384.97	55.94	-349.33	-29.79
42479	69.64	6.17	-2.70	-24.14	-241.77	-1496.23	69.06	-353.16	30.76
42480	69.82	7.26	-2.70	-44.64	-290.52	-1611.06	81.32	-354.82	96.14
42481	68.15	3.96	-2.70	-12.55	-184.13	-1249.62	45.42	-364.34	-67.44
42482	68.29	5.07	-2.70	-31.04	-223.60	-1358.22	61.27	-370.04	-15.47
42483	68.46	6.17	-2.70	-51.62	-267.62	-1470.81	76.67	-373.85	42.41
42484	68.67	7.26	-2.70	-73.93	-316.99	-1587.79	91.09	-376.10	105.48
42485	66.94	3.96	-2.70	-34.52	-209.60	-1226.78	46.58	-378.92	-47.78
42486	67.09	5.07	-2.70	-54.27	-251.94	-1336.04	64.89	-383.77	1.07
42487	67.29	6.17	-2.70	-76.67	-298.00	-1450.47	83.03	-387.11	56.03
42488	67.52	7.26	-2.70	-101.36	-348.54	-1570.15	100.19	-389.55	116.72
42489	65.72	3.96	-2.70	-54.13	-237.78	-1208.21	45.94	-388.70	-24.37
42490	65.90	5.07	-2.70	-74.59	-284.06	-1318.46	66.59	-392.46	21.20
42491	66.11	6.17	-2.70	-98.28	-333.50	-1435.49	87.83	-395.03	72.86
42492	66.37	7.26	-2.70	-125.50	-386.29	-1558.97	108.63	-397.13	130.78
42493	64.51	3.96	-2.70	-73.01	-268.26	-1193.03	45.24	-394.68	3.95
42494	64.70	5.07	-2.70	-93.69	-319.47	-1304.28	67.12	-397.35	46.82
42495	64.94	6.17	-2.70	-117.07	-374.42	-1424.61	91.03	-399.63	95.01
42496	65.22	7.26	-2.70	-145.67	-431.65	-1553.66	116.54	-401.37	149.33
42497	63.30	3.96	-2.70	-93.59	-301.53	-1181.97	48.99	-395.74	36.33
42498	63.51	5.08	-2.70	-115.41	-357.47	-1293.63	69.69	-396.93	79.05
42499	63.76	6.18	-2.70	-136.06	-420.45	-1416.52	93.48	-400.99	125.21
42500	64.07	7.26	-2.70	-162.33	-486.45	-1552.83	124.21	-404.37	175.01
42501	62.09	3.96	-2.70	-115.24	-340.11	-1180.38	63.10	-391.08	67.36
42502	62.31	5.08	-2.70	-142.24	-399.47	-1291.84	80.57	-387.75	115.31
42503	62.59	6.18	-2.70	-159.67	-470.87	-1411.87	98.90	-396.42	165.20
42504	62.92	7.26	-2.70	-176.68	-551.35	-1553.25	131.70	-407.79	211.44
42505	60.88	3.96	-2.70	-136.74	-385.93	-1205.12	89.58	-388.48	88.58
42506	61.12	5.08	-2.70	-172.59	-453.49	-1327.23	101.08	-372.93	153.04
42507	61.41	6.18	-2.70	-190.94	-538.08	-1434.53	115.43	-384.73	213.09
42508	61.77	7.26	-2.70	-192.70	-626.57	-1563.03	141.72	-411.07	260.25
42509	59.67	3.96	-2.70	-175.29	-454.24	-1152.07	133.30	-443.16	145.06
42510	59.92	5.08	-2.70	-224.58	-534.09	-1238.65	149.40	-448.30	202.22
42511	60.24	6.18	-2.70	-237.47	-631.27	-1332.21	172.29	-459.94	262.54
42512	60.62	7.26	-2.70	-226.58	-756.16	-1437.20	196.96	-487.87	298.82
42513	77.84	3.95	-4.10	168.62	-18.44	-1286.63	14.36	9.23	-196.04
42514	77.85	5.05	-4.10	160.10	-43.79	-1387.30	13.22	10.63	-140.93
42515	77.86	6.15	-4.10	148.38	-75.54	-1488.11	11.72	12.14	-80.69
42516	77.87	7.25	-4.10	133.20	-113.97	-1590.16	9.91	13.83	-16.33
42517	76.63	3.95	-4.10	170.94	-20.65	-1283.14	21.08	-47.76	-192.69
42518	76.66	5.05	-4.10	162.12	-46.17	-1383.30	21.81	-47.90	-137.80
42519	76.69	6.15	-4.10	150.19	-78.04	-1483.61	22.14	-47.31	-77.86
42520	76.72	7.25	-4.10	134.96	-116.55	-1585.13	22.07	-45.95	-13.90
42521	75.42	3.95	-4.10	167.09	-25.34	-1274.37	27.64	-102.64	-186.99
42522	75.46	5.06	-4.10	157.85	-51.12	-1374.17	30.20	-104.15	-132.78
42523	75.51	6.16	-4.10	145.70	-83.14	-1474.34	32.30	-104.38	-73.57
42524	75.57	7.25	-4.10	130.49	-121.66	-1575.90	33.86	-103.32	-10.39
42525	74.21	3.95	-4.10	157.71	-32.48	-1261.01	34.06	-153.91	-179.14
42526	74.27	5.06	-4.10	147.96	-58.61	-1360.60	38.37	-156.57	-126.00
42527	74.34	6.16	-4.10	135.55	-90.79	-1460.97	42.15	-157.52	-67.95
42528	74.42	7.25	-4.10	120.37	-129.23	-1563.11	45.26	-156.71	-5.93
42529	73.00	3.95	-4.10	143.73	-42.02	-1244.13	40.29	-200.24	-169.37
42530	73.07	5.06	-4.10	133.38	-68.61	-1343.68	46.25	-203.81	-117.69
42531	73.16	6.16	-4.10	120.66	-100.96	-1444.56	51.62	-205.35	-61.14
42532	73.27	7.25	-4.10	105.48	-139.27	-1547.71	56.20	-204.79	-0.65
42533	71.78	3.95	-4.10	126.35	-53.90	-1225.13	46.19	-240.64	-157.95
42534	71.87	5.06	-4.10	115.33	-81.09	-1324.83	53.72	-244.83	-108.03
42535	71.99	6.16	-4.10	102.21	-113.66	-1426.48	60.60	-246.82	-53.30
42536	72.12	7.26	-4.10	86.96	-151.81	-1530.96	66.57	-246.56	5.36
42537	70.57	3.96	-4.10	106.96	-68.06	-1205.59	51.54	-274.48	-145.07
42538	70.68	5.06	-4.10	95.21	-96.02	-1305.61	60.58	-278.98	-97.17
42539	70.81	6.16	-4.10	81.59	-128.90	-1408.27	68.92	-281.27	-44.50
42540	70.97	7.26	-4.10	66.14	-166.92	-1514.36	76.24	-281.33	12.12
42541	69.36	3.96	-4.10	87.00	-84.45	-1187.02	56.04	-301.62	-130.81
42542	69.48	5.07	-4.10	74.55	-113.41	-1287.57	66.60	-306.08	-85.17
42543	69.64	6.17	-4.10	60.34	-146.74	-1391.48	76.40	-308.47	-34.76
42544	69.82	7.26	-4.10	44.50	-184.69	-1499.40	85.07	-308.84	19.66
42545	68.15	3.96	-4.10	67.84	-102.92	-1170.64	59.42	-322.41	-115.06
42546	68.29	5.07	-4.10	54.84	-133.23	-1271.95	71.48	-326.50	-71.91
42547	68.46	6.17	-4.10	40.03	-167.25	-1377.39	82.81	-328.74	-23.95
42548	68.67	7.26	-4.10	23.60	-205.24	-1487.44	92.93	-329.31	28.17
42549	66.94	3.96	-4.10	50.53	-123.27	-1157.11	61.48	-337.59	-97.53
42550	67.09	5.07	-4.10	37.28	-155.38	-1259.40	75.01	-341.02	-57.04
42551	67.29	6.17	-4.10	22.06	-190.48	-1366.74	87.94	-342.88	-11.75
42552	67.52	7.26	-4.10	5.03	-228.75	-1479.37	99.64	-343.45	37.90
42553	65.72	3.96	-4.10	35.62	-145.16	-1146.40	62.43	-347.95	-77.85
42554	65.90	5.07	-4.10	22.59	-179.57	-1249.83	77.19	-350.58	-40.06
42555	66.11	6.17	-4.10	7.48	-216.30	-1359.47	91.62	-352.03	2.42
42556	66.37	7.26	-4.10	-9.83	-255.25	-1475.34	105.03	-352.55	49.36
42557	64.51	3.96	-4.10	23.52	-168.19	-1138.17	63.11	-353.99	-56.02
42558	64.70	5.07	-4.10	11.12	-205.30	-1242.66	78.51	-355.79	-20.51
42559	64.94	6.17	-4.10	-3.05	-244.34	-1354.72	93.93	-357.32	19.36
42560	65.22	7.26	-4.10	-19.72	-284.55	-1474.55	108.97	-358.31	63.43
42561	63.30	3.96	-4.10	15.78	-192.02	-1132.29	64.75	-356.54	-33.10
42562	63.51	5.08	-4.10	4.07	-231.87	-1237.42	80.02	-357.20	1.34
42563	63.76	6.18	-4.10	-8.51	-273.85	-1351.02	95.39	-359.77	39.78
42564	64.07	7.26	-4.10	-23.24	-315.95	-1474.69	111.48	-362.95	81.47
42565	62.09	3.96	-4.10	16.56	-216.08	-1128.37	67.68	-359.78	-11.20
42566	62.31	5.08	-4.10	5.72	-258.71	-1234.43	82.25	-358.13	24.29
42567	62.59	6.18	-4.10	-5.31	-304.43	-1347.31	96.95	-362.30	63.40
42568	62.92	7.26	-4.10	-18.18	-348.29	-1471.81	113.60	-369.94	104.71
42569	60.88	3.96	-4.10	32.18	-236.81	-1106.88	68.02	-380.81	11.30
42570	61.12	5.08	-4.10	26.98	-283.85	-1211.66	83.61	-379.62	49.02

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]
42571	61.41	6.18	-4.10	18.06	-334.14	-1320.82	99.72	-384.88	88.59
42572	61.77	7.26	-4.10	3.09	-379.97	-1444.06	119.53	-393.93	129.89
42573	59.67	3.96	-4.10	49.76	-239.91	-1009.50	57.49	-425.58	41.78
42574	59.92	5.08	-4.10	57.26	-304.32	-1090.90	78.82	-437.65	81.55
42575	60.24	6.18	-4.10	51.89	-361.29	-1191.17	104.40	-445.66	106.79
42576	60.62	7.26	-4.10	31.30	-400.46	-1332.28	133.55	-443.20	138.57
42577	77.84	3.95	-5.50	236.91	73.26	-1164.98	28.24	1.83	-226.87
42578	77.85	5.05	-5.50	231.39	57.32	-1256.22	26.99	2.91	-181.06
42579	77.86	6.15	-5.50	223.06	36.15	-1349.01	25.28	4.09	-130.46
42580	77.87	7.25	-5.50	211.78	9.77	-1444.54	23.20	5.49	-75.77
42581	76.63	3.95	-5.50	239.17	71.25	-1162.99	34.68	-46.06	-223.51
42582	76.66	5.05	-5.50	233.40	55.28	-1253.91	34.90	-46.33	-177.90
42583	76.69	6.15	-5.50	224.91	34.09	-1346.34	34.60	-46.01	-127.58
42584	76.72	7.25	-5.50	213.60	7.66	-1441.36	33.78	-45.07	-73.29
42585	75.42	3.95	-5.50	236.14	67.10	-1157.74	40.98	-92.47	-218.02
42586	75.46	5.06	-5.50	230.09	51.05	-1248.57	42.64	-93.94	-172.92
42587	75.51	6.16	-5.50	221.49	29.88	-1341.01	43.68	-94.42	-123.19
42588	75.57	7.25	-5.50	210.28	3.55	-1436.12	44.01	-93.93	-69.51
42589	74.21	3.95	-5.50	228.41	60.86	-1149.72	47.12	-136.24	-210.52
42590	74.27	5.06	-5.50	222.06	44.69	-1240.68	50.14	-138.73	-166.25
42591	74.34	6.16	-5.50	213.39	23.59	-1333.51	52.42	-139.90	-117.39
42592	74.42	7.25	-5.50	202.36	-2.46	-1429.24	53.82	-139.76	-64.57
42593	73.00	3.95	-5.50	216.80	52.64	-1139.73	53.02	-176.36	-201.20
42594	73.07	5.06	-5.50	210.13	36.32	-1231.04	57.29	-179.68	-158.03
42595	73.16	6.16	-5.50	201.41	15.34	-1324.59	60.70	-181.42	-110.30
42596	73.27	7.25	-5.50	190.62	-10.29	-1421.37	63.07	-181.58	-58.62
42597	71.78	3.95	-5.50	202.31	42.57	-1128.77	58.56	-212.09	-190.25
42598	71.87	5.06	-5.50	195.33	26.05	-1220.63	63.95	-216.01	-148.41
42599	71.99	6.16	-5.50	186.59	5.22	-1315.19	68.39	-218.20	-102.05
42600	72.12	7.26	-5.50	176.09	-19.86	-1413.34	71.62	-218.67	-51.73
42601	70.57	3.96	-5.50	186.09	30.84	-1117.91	63.55	-242.96	-177.82
42602	70.68	5.06	-5.50	178.86	14.05	-1210.53	69.95	-247.23	-137.51
42603	70.81	6.16	-5.50	170.12	-6.60	-1306.32	75.28	-249.76	-92.70
42604	70.97	7.26	-5.50	159.93	-31.05	-1406.10	79.27	-250.58	-43.92
42605	69.36	3.96	-5.50	169.35	17.66	-1108.15	67.81	-268.82	-164.02
42606	69.48	5.07	-5.50	161.98	0.52	-1201.69	75.07	-273.21	-125.39
42607	69.64	6.17	-5.50	153.31	-19.95	-1298.93	81.18	-275.97	-82.25
42608	69.82	7.26	-5.50	143.46	-43.67	-1400.54	85.80	-277.17	-35.11
42609	68.15	3.96	-5.50	153.24	3.34	-1100.18	71.15	-289.88	-148.85
42610	68.29	5.07	-5.50	145.92	-14.25	-1194.81	79.12	-294.18	-111.98
42611	68.46	6.17	-5.50	137.46	-34.55	-1293.69	85.86	-297.08	-70.59
42612	68.67	7.26	-5.50	128.03	-57.45	-1397.31	90.98	-298.72	-25.08
42613	66.94	3.96	-5.50	138.78	-11.71	-1094.29	73.50	-306.60	-132.24
42614	67.09	5.07	-5.50	131.77	-29.87	-1190.07	81.96	-310.68	-97.15
42615	67.29	6.17	-5.50	123.77	-50.02	-1290.74	89.14	-313.70	-57.47
42616	67.52	7.26	-5.50	114.94	-72.00	-1396.55	94.57	-315.89	-13.51
42617	65.72	3.96	-5.50	126.88	-26.96	-1090.18	74.98	-319.68	-114.15
42618	65.90	5.07	-5.50	120.49	-45.75	-1187.05	83.62	-323.51	-80.65
42619	66.11	6.17	-5.50	113.26	-65.73	-1289.49	90.91	-326.83	-42.47
42620	66.37	7.26	-5.50	105.38	-86.65	-1397.58	96.36	-329.91	0.20
42621	64.51	3.96	-5.50	118.62	-41.74	-1086.91	75.90	-330.20	-94.69
42622	64.70	5.07	-5.50	113.08	-61.15	-1184.50	84.37	-333.83	-62.33
42623	64.94	6.17	-5.50	106.85	-80.83	-1288.33	91.33	-337.85	-25.04
42624	65.22	7.26	-5.50	100.24	-100.39	-1398.38	96.30	-342.59	17.04
42625	63.30	3.96	-5.50	115.46	-55.17	-1082.13	76.53	-340.51	-74.22
42626	63.51	5.08	-5.50	110.96	-75.13	-1179.81	84.60	-343.89	-42.22
42627	63.76	6.18	-5.50	105.57	-94.25	-1284.00	90.98	-348.93	-4.73
42628	64.07	7.26	-5.50	99.96	-111.80	-1394.73	94.95	-356.28	38.28
42629	62.09	3.96	-5.50	118.33	-65.70	-1068.21	76.61	-355.70	-52.72
42630	62.31	5.08	-5.50	115.56	-86.41	-1164.64	84.58	-359.12	-20.39
42631	62.59	6.18	-5.50	110.51	-104.68	-1267.69	91.01	-364.85	18.33
42632	62.92	7.26	-5.50	104.20	-119.13	-1377.03	94.17	-374.47	64.42
42633	60.88	3.96	-5.50	121.20	-70.84	-1026.50	75.95	-379.22	-29.46
42634	61.12	5.08	-5.50	120.84	-93.85	-1117.71	84.67	-383.82	3.14
42635	61.41	6.18	-5.50	115.97	-111.58	-1218.57	93.54	-389.12	41.99
42636	61.77	7.26	-5.50	106.98	-120.77	-1326.94	97.72	-397.62	92.50
42637	59.67	3.96	-5.50	109.27	-69.07	-937.16	76.55	-397.06	-6.11
42638	59.92	5.08	-5.50	109.40	-97.73	-1017.26	86.22	-401.93	25.45
42639	60.24	6.18	-5.50	105.48	-116.76	-1115.18	100.12	-406.26	60.13
42640	60.62	7.26	-5.50	95.66	-118.12	-1226.81	108.62	-411.11	113.51
42641	77.84	3.95	-6.90	322.04	187.69	-1063.75	43.42	-4.68	-244.01
42642	77.85	5.05	-6.90	320.52	183.51	-1146.27	42.06	-4.02	-205.89
42643	77.86	6.15	-6.90	316.55	174.95	-1231.22	40.17	-3.26	-162.97
42644	77.87	7.25	-6.90	310.08	162.20	-1319.79	37.83	-2.21	-115.59
42645	76.63	3.95	-6.90	323.46	185.83	-1062.73	49.02	-44.83	-240.58
42646	76.66	5.05	-6.90	321.71	181.72	-1145.10	48.82	-45.45	-202.62
42647	76.69	6.15	-6.90	317.58	173.25	-1229.84	47.99	-45.64	-159.97
42648	76.72	7.25	-6.90	311.07	160.52	-1317.93	46.52	-45.31	-113.10
42649	75.42	3.95	-6.90	320.21	182.10	-1059.93	54.58	-84.03	-235.11
42650	75.46	5.06	-6.90	318.22	178.07	-1142.40	55.50	-85.84	-197.51
42651	75.51	6.16	-6.90	314.03	169.76	-1227.29	55.65	-86.93	-155.29
42652	75.57	7.25	-6.90	307.64	157.27	-1315.48	54.99	-87.36	-108.91
42653	74.21	3.95	-6.90	312.78	176.58	-1055.70	60.06	-121.46	-227.68
42654	74.27	5.06	-6.90	310.58	172.64	-1138.53	62.00	-124.32	-190.63
42655	74.34	6.16	-6.90	306.39	164.59	-1223.93	63.04	-126.23	-148.98
42656	74.42	7.25	-6.90	300.27	152.53	-1312.73	63.09	-127.27	-103.11
42657	73.00	3.95	-6.90	301.84	169.43	-1050.60	65.38	-156.39	-218.43
42658	73.07	5.06	-6.90	299.46	165.59	-1134.02	68.21	-160.14	-182.09
42659	73.16	6.16	-6.90	295.36	157.87	-1220.24	70.02	-162.77	-141.13
42660	73.27	7.25	-6.90	289.62	146.43	-1310.05	70.65	-164.36	-95.90
42661	71.78	3.95	-6.90	288.23	160.83	-1045.33	70.43	-188.28	-207.48
42662	71.87	5.06	-6.90	285.73	157.11	-1129.55	74.01	-192.75	-171.97
42663	71.99	6.16	-6.90	281.81	149.82	-1216.86	76.43	-196.02	-131.83
42664	72.12	7.26	-6.90	276.55	139.15	-1307.97	77.49	-198.16	-87.34
42665	70.57	3.96	-6.90	272.89	151.05	-1040.59	75.09	-216.78	-194.96
42666	70.68	5.06	-6.90	270.35	147.46	-1125.80	79.24	-221.82	-160.36
42667	70.81	6.16	-6.90	266.70	140.69	-1214.38	82.08	-225.68	-121.10
42668	70.97	7.26	-6.90	262.04	130.96	-1306.97	83.41	-228.44	-77.41
42669	69.36	3.96	-6.90	256.79	140.41	-1036.98	79.24	-241.82	-180.96



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]
42670	69.48	5.07	-6.90	254.34	136.98	-1123.30	83.73	-247.27	-147.28
42671	69.64	6.17	-6.90	251.08	130.83	-1213.29	86.80	-251.70	-108.88
42672	69.82	7.26	-6.90	247.14	122.20	-1307.44	88.21	-255.19	-65.96
42673	68.15	3.96	-6.90	240.88	129.33	-1034.81	82.78	-263.51	-165.53
42674	68.29	5.07	-6.90	238.66	126.10	-1122.27	87.38	-269.27	-132.70
42675	68.46	6.17	-6.90	235.93	120.69	-1213.68	90.43	-274.28	-95.06
42676	68.67	7.26	-6.90	232.84	113.33	-1309.37	91.70	-278.69	-52.73
42677	66.94	3.96	-6.90	225.98	118.33	-1033.93	85.73	-282.25	-148.71
42678	67.09	5.07	-6.90	224.15	115.36	-1122.41	90.16	-288.24	-116.55
42679	67.29	6.17	-6.90	222.09	110.81	-1215.13	92.92	-293.91	-79.41
42680	67.52	7.26	-6.90	219.98	104.92	-1312.15	93.78	-299.48	-37.33
42681	65.72	3.96	-6.90	212.81	108.02	-1033.54	88.27	-298.66	-130.59
42682	65.90	5.07	-6.90	211.45	105.41	-1122.70	92.22	-304.86	-98.72
42683	66.11	6.17	-6.90	210.13	101.90	-1216.32	94.37	-311.36	-61.59
42684	66.37	7.26	-6.90	209.09	97.66	-1314.18	94.51	-318.46	-19.21
42685	64.51	3.96	-6.90	201.85	99.11	-1031.78	90.74	-313.80	-111.28
42686	64.70	5.07	-6.90	200.94	97.00	-1120.99	93.96	-320.14	-79.16
42687	64.94	6.17	-6.90	200.21	94.73	-1214.72	95.23	-327.60	-41.28
42688	65.22	7.26	-6.90	200.08	92.40	-1312.42	94.33	-336.72	2.36
42689	63.30	3.96	-6.90	192.91	92.45	-1024.76	93.63	-329.19	-91.03
42690	63.51	5.08	-6.90	192.33	90.91	-1113.00	96.04	-335.49	-58.01
42691	63.76	6.18	-6.90	191.80	90.11	-1205.67	96.41	-343.75	-18.42
42692	64.07	7.26	-6.90	191.91	89.96	-1301.62	94.36	-354.98	27.88
42693	62.09	3.96	-6.90	183.67	88.89	-1005.27	97.69	-345.68	-70.26
42694	62.31	5.08	-6.90	183.21	87.79	-1091.10	99.49	-351.49	-35.84
42695	62.59	6.18	-6.90	182.40	88.56	-1181.48	99.42	-359.76	6.20
42696	62.92	7.26	-6.90	181.85	90.82	-1274.11	96.55	-372.22	56.63
42697	60.88	3.96	-6.90	169.09	89.06	-964.29	104.13	-359.73	-50.23
42698	61.12	5.08	-6.90	168.42	87.77	-1046.27	105.62	-363.94	-14.38
42699	61.41	6.18	-6.90	167.26	89.99	-1133.59	105.82	-370.96	30.14
42700	61.77	7.26	-6.90	165.80	94.81	-1222.14	102.99	-383.07	85.61
42701	59.67	3.96	-6.90	145.54	93.40	-897.35	113.85	-361.20	-33.63
42702	59.92	5.08	-6.90	144.83	90.98	-974.77	115.02	-362.10	3.26
42703	60.24	6.18	-6.90	143.81	94.27	-1058.84	115.89	-366.57	49.61
42704	60.62	7.26	-6.90	141.96	101.67	-1143.50	114.11	-377.08	110.07
42705	77.84	3.95	-8.30	423.41	323.19	-980.09	59.72	-9.61	-244.00
42706	77.85	5.05	-8.30	426.71	332.66	-1054.14	58.27	-9.39	-212.52
42707	77.86	6.15	-8.30	427.82	338.07	-1130.93	56.24	-9.09	-176.09
42708	77.87	7.25	-8.30	426.69	339.60	-1211.67	53.64	-8.47	-134.65
42709	76.63	3.95	-8.30	423.29	321.35	-979.55	64.04	-42.90	-240.54
42710	76.66	5.05	-8.30	426.30	330.99	-1053.59	63.55	-43.99	-209.16
42711	76.69	6.15	-8.30	427.20	336.58	-1130.34	62.35	-44.78	-172.95
42712	76.72	7.25	-8.30	425.96	338.31	-1210.92	60.42	-45.17	-132.09
42713	75.42	3.95	-8.30	418.79	317.82	-978.23	68.49	-75.73	-235.08
42714	75.46	5.06	-8.30	421.51	327.64	-1052.51	68.90	-78.04	-203.90
42715	75.51	6.16	-8.30	422.28	333.50	-1129.52	68.47	-79.90	-167.93
42716	75.57	7.25	-8.30	421.10	335.59	-1210.29	67.18	-81.36	-127.43
42717	74.21	3.95	-8.30	410.28	312.69	-976.36	73.05	-107.50	-227.67
42718	74.27	5.06	-8.30	412.74	322.71	-1051.12	74.26	-110.94	-196.76
42719	74.34	6.16	-8.30	413.48	328.91	-1128.67	74.51	-113.80	-161.04
42720	74.42	7.25	-8.30	412.52	331.48	-1209.95	73.75	-116.17	-120.72
42721	73.00	3.95	-8.30	398.31	306.12	-974.33	77.67	-137.74	-218.40
42722	73.07	5.06	-8.30	400.55	316.36	-1049.77	79.55	-142.20	-187.79
42723	73.16	6.16	-8.30	401.34	322.97	-1128.12	80.33	-145.99	-152.35
42724	73.27	7.25	-8.30	400.74	326.13	-1210.17	79.95	-149.20	-112.17
42725	71.78	3.95	-8.30	383.53	298.32	-972.58	82.29	-166.08	-207.35
42726	71.87	5.06	-8.30	385.60	308.82	-1048.91	84.66	-171.46	-177.06
42727	71.99	6.16	-8.30	386.54	315.92	-1128.24	85.81	-176.14	-141.89
42728	72.12	7.26	-8.30	386.41	319.80	-1211.26	85.64	-180.20	-101.86
42729	70.57	3.96	-8.30	366.67	289.59	-971.57	86.83	-192.31	-194.60
42730	70.68	5.06	-8.30	368.65	300.39	-1048.92	89.50	-198.50	-164.60
42731	70.81	6.16	-8.30	369.82	308.07	-1129.37	90.80	-204.06	-129.64
42732	70.97	7.26	-8.30	370.28	312.82	-1213.44	90.66	-209.06	-89.69
42733	69.36	3.96	-8.30	348.46	280.29	-971.58	91.25	-216.35	-180.24
42734	69.48	5.07	-8.30	350.43	291.45	-1050.00	93.97	-223.25	-150.40
42735	69.64	6.17	-8.30	351.95	299.83	-1131.60	95.21	-229.71	-115.53
42736	69.82	7.26	-8.30	353.11	305.56	-1216.69	94.89	-235.79	-75.54
42737	68.15	3.96	-8.30	329.60	270.87	-972.60	95.55	-238.28	-164.36
42738	68.29	5.07	-8.30	331.64	282.46	-1052.02	98.06	-245.80	-134.50
42739	68.46	6.17	-8.30	333.57	291.64	-1134.65	98.98	-253.18	-99.47
42740	68.67	7.26	-8.30	335.51	298.50	-1220.57	98.27	-260.50	-59.18
42741	66.94	3.96	-8.30	310.62	261.85	-974.16	99.84	-258.31	-147.11
42742	67.09	5.07	-8.30	312.76	273.97	-1054.32	101.86	-266.33	-116.91
42743	67.29	6.17	-8.30	315.14	284.05	-1137.67	102.20	-274.65	-81.36
42744	67.52	7.26	-8.30	317.89	292.12	-1223.98	100.88	-283.39	-40.37
42745	65.72	3.96	-8.30	291.84	253.82	-975.07	104.40	-276.77	-128.70
42746	65.90	5.07	-8.30	294.00	266.56	-1055.49	105.65	-285.13	-97.73
42747	66.11	6.17	-8.30	296.76	277.63	-1138.96	105.16	-294.36	-61.15
42748	66.37	7.26	-8.30	300.24	286.93	-1224.93	103.02	-304.65	-18.92
42749	64.51	3.96	-8.30	273.10	247.40	-973.18	109.75	-293.98	-109.47
42750	64.70	5.07	-8.30	275.13	260.82	-1053.09	110.00	-302.39	-77.21
42751	64.94	6.17	-8.30	278.02	272.92	-1135.80	108.50	-312.36	-38.94
42752	65.22	7.26	-8.30	281.95	283.44	-1220.36	105.38	-324.24	5.28
42753	63.30	3.96	-8.30	253.46	243.14	-965.02	116.62	-309.87	-89.99
42754	63.51	5.08	-8.30	255.09	257.27	-1043.47	115.76	-317.81	-55.92
42755	63.76	6.18	-8.30	257.79	270.35	-1124.37	113.20	-328.01	-15.24
42756	64.07	7.26	-8.30	261.72	281.91	-1206.25	109.10	-341.11	31.84
42757	62.09	3.96	-8.30	230.98	241.46	-946.16	126.00	-322.99	-71.23
42758	62.31	5.08	-8.30	231.98	256.18	-1022.27	123.97	-329.59	-34.93
42759	62.59	6.18	-8.30	234.30	270.10	-1100.44	120.42	-339.14	8.69
42760	62.92	7.26	-8.30	237.92	282.37	-1178.51	115.50	-352.57	59.37
42761	60.88	3.96	-8.30	203.51	242.58	-912.91	138.92	-329.50	-54.73
42762	61.12	5.08	-8.30	203.94	257.73	-986.21	135.59	-333.62	-16.00
42763	61.41	6.18	-8.30	206.01	272.23	-1061.17	131.08	-341.38	30.85
42764	61.77	7.26	-8.30	209.35	284.81	-1134.82	125.52	-354.02	85.54
42765	59.67	3.96	-8.30	170.38	246.58	-865.02	156.09	-323.50	-42.42
42766	59.92	5.08	-8.30	170.66	262.06	-935.69	151.08	-323.85	-1.31
42767	60.24	6.18	-8.30	173.04	276.84	-1007.55	145.42	-328.66	48.85
42768	60.62	7.26	-8.30	176.60	289.32	-1076.84	139.26	-339.46	107.61

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]
42769	58.63	3.96	-2.70	-135.81	-554.94	-796.44	173.56	-431.20	274.09
42770	58.89	5.08	-2.70	-131.22	-573.19	-597.06	177.66	-470.01	182.72
42771	59.21	6.18	-2.70	-141.95	-670.44	-657.39	216.23	-494.90	197.35
42772	59.59	7.26	-2.70	-147.40	-829.15	-829.29	216.84	-503.13	125.70
42773	57.78	3.96	-2.70	82.61	-552.92	-531.02	26.47	-144.09	334.74
42774	58.03	5.08	-2.70	253.82	-474.34	-65.47	-25.79	-71.03	70.46
42775	58.33	6.18	-2.70	261.74	-533.55	-83.18	-1.40	-73.78	-4.07
42776	58.70	7.26	-2.70	150.31	-680.24	-295.82	13.97	-130.22	-154.06
42777	56.92	3.96	-2.70	107.66	-519.70	-583.59	-111.88	-51.63	358.11
42778	57.16	5.08	-2.70	306.07	-423.94	-83.93	-168.15	-3.16	81.25
42779	57.46	6.18	-2.70	366.67	-508.88	-95.89	-156.24	17.95	-13.23
42780	57.81	7.26	-2.70	279.21	-665.48	-232.27	-62.43	33.16	-152.21
42781	56.07	3.96	-2.70	20.74	-453.84	-622.61	-162.70	43.65	383.10
42782	56.30	5.07	-2.70	174.24	-295.65	-83.23	-259.35	38.58	103.86
42783	56.58	6.18	-2.70	309.35	-315.89	-78.03	-331.94	71.93	-35.95
42784	56.92	7.26	-2.70	332.65	-617.00	-186.77	-189.58	193.98	-138.57
42785	55.21	3.96	-2.70	-204.69	-749.50	-844.79	-278.19	232.70	662.87
42786	55.43	5.07	-2.70	56.12	-286.21	-121.35	-178.29	39.41	162.60
42787	55.70	6.17	-2.70	82.21	-63.45	-121.86	-272.51	1.70	-37.36
42788	56.03	7.26	-2.70	338.63	-73.39	-193.98	-418.26	315.22	-410.99
42789	58.63	3.96	-4.10	29.17	-205.77	-783.64	36.37	-416.99	84.57
42790	58.89	5.08	-4.10	28.74	-330.36	-784.94	66.58	-439.34	124.90
42791	59.21	6.18	-4.10	25.98	-393.82	-846.85	105.62	-453.49	92.94
42792	59.59	7.26	-4.10	5.06	-414.22	-1034.71	154.55	-445.69	89.77
42793	57.78	3.96	-4.10	25.62	-156.32	-561.89	20.63	-262.26	95.19
42794	58.03	5.08	-4.10	18.48	-342.65	-479.83	41.53	-245.64	128.65
42795	58.33	6.18	-4.10	17.68	-406.28	-484.51	71.72	-242.37	29.65
42796	58.70	7.26	-4.10	-5.95	-400.92	-698.18	119.58	-239.51	-23.33
42797	56.92	3.96	-4.10	69.09	-92.56	-476.25	-18.63	-92.16	74.54
42798	57.16	5.08	-4.10	85.61	-288.99	-371.92	-29.10	-35.95	106.66
42799	57.46	6.18	-4.10	106.35	-366.06	-342.42	-13.45	5.50	-11.15
42800	57.81	7.26	-4.10	74.09	-369.20	-549.13	31.90	34.43	-94.47
42801	56.07	3.96	-4.10	54.22	-25.44	-484.69	-32.91	42.99	75.66
42802	56.30	5.07	-4.10	52.91	-221.73	-380.23	-74.67	74.89	117.99
42803	56.58	6.18	-4.10	112.18	-284.49	-324.14	-90.98	156.67	-75.75
42804	56.92	7.26	-4.10	116.96	-332.57	-535.56	-45.57	287.77	-144.43
42805	55.21	3.96	-4.10	4.80	25.26	-596.74	-20.00	189.90	216.27
42806	55.43	5.07	-4.10	-3.60	-206.71	-463.54	-68.97	84.58	187.64
42807	55.70	6.17	-4.10	22.03	-235.28	-377.10	-80.49	82.17	-114.54
42808	56.03	7.26	-4.10	153.16	-211.93	-564.48	-139.95	432.92	-595.87
42809	58.63	3.96	-5.50	78.06	-56.99	-785.30	80.05	-370.27	9.73
42810	58.89	5.08	-5.50	77.77	-94.03	-846.30	88.93	-369.03	39.99
42811	59.21	6.18	-5.50	73.51	-119.75	-933.44	107.35	-370.68	64.74
42812	59.59	7.26	-5.50	65.70	-108.79	-1047.43	122.52	-372.48	114.93
42813	57.78	3.96	-5.50	54.45	-30.09	-624.85	77.92	-261.30	7.20
42814	58.03	5.08	-5.50	56.32	-75.39	-665.57	84.20	-242.22	37.14
42815	58.33	6.18	-5.50	52.42	-111.16	-734.65	101.57	-229.87	48.21
42816	58.70	7.26	-5.50	45.01	-90.36	-846.64	122.46	-222.66	87.65
42817	56.92	3.96	-5.50	55.53	4.25	-528.64	70.65	-109.92	-6.60
42818	57.16	5.08	-5.50	60.28	-40.14	-558.71	71.22	-60.60	13.76
42819	57.46	6.18	-5.50	63.49	-82.14	-615.28	79.19	-14.82	18.80
42820	57.81	7.26	-5.50	61.95	-58.03	-728.40	98.26	15.56	52.23
42821	56.07	3.96	-5.50	73.49	35.71	-497.13	66.77	33.88	-8.37
42822	56.30	5.07	-5.50	59.09	9.41	-524.01	63.99	79.44	0.96
42823	56.58	6.18	-5.50	64.47	-29.45	-574.53	46.80	177.91	-71.88
42824	56.92	7.26	-5.50	90.29	-8.39	-694.99	55.87	297.40	-7.72
42825	55.21	3.96	-5.50	94.65	118.91	-491.33	90.16	155.67	114.07
42826	55.43	5.07	-5.50	25.79	54.28	-541.61	44.26	75.99	40.85
42827	55.70	6.17	-5.50	19.63	-6.78	-593.91	22.56	104.27	-123.80
42828	56.03	7.26	-5.50	104.21	46.45	-710.99	-17.92	457.34	-482.41
42829	58.63	3.96	-6.90	111.36	104.31	-798.35	128.26	-330.55	-23.11
42830	58.89	5.08	-6.90	111.16	99.85	-869.44	128.49	-324.51	13.91
42831	59.21	6.18	-6.90	110.80	103.94	-947.91	130.01	-323.16	61.17
42832	59.59	7.26	-6.90	108.50	113.77	-1026.40	130.78	-329.35	126.66
42833	57.78	3.96	-6.90	82.27	121.82	-694.23	146.72	-246.45	-23.50
42834	58.03	5.08	-6.90	84.22	117.64	-760.25	144.22	-225.69	12.28
42835	58.33	6.18	-6.90	86.26	122.34	-832.81	144.13	-210.75	58.70
42836	58.70	7.26	-6.90	85.10	134.31	-904.45	146.87	-205.35	128.05
42837	56.92	3.96	-6.90	82.85	143.39	-626.53	163.05	-123.52	-29.24
42838	57.16	5.08	-6.90	91.40	140.17	-695.40	159.11	-76.99	-7.16
42839	57.46	6.18	-6.90	98.75	154.45	-768.17	155.32	-32.99	41.36
42840	57.81	7.26	-6.90	103.22	170.55	-840.58	153.00	-7.53	118.81
42841	56.07	3.96	-6.90	124.65	146.51	-583.36	169.84	18.01	-9.49
42842	56.30	5.07	-6.90	127.81	176.37	-638.07	184.41	78.13	-7.11
42843	56.58	6.18	-6.90	124.98	197.06	-713.87	167.39	183.82	-31.53
42844	56.92	7.26	-6.90	149.97	231.73	-798.63	152.22	290.59	86.01
42845	55.21	3.96	-6.90	178.76	296.35	-499.85	199.87	155.11	160.49
42846	55.43	5.07	-6.90	42.67	230.45	-580.24	124.19	81.68	55.12
42847	55.70	6.17	-6.90	39.88	211.55	-657.00	118.35	124.67	-61.00
42848	56.03	7.26	-6.90	81.21	247.63	-777.27	106.00	466.53	-339.98
42849	58.63	3.96	-8.30	129.36	254.59	-799.62	181.44	-294.04	-36.07
42850	58.89	5.08	-8.30	129.96	270.99	-867.60	173.67	-287.86	7.12
42851	59.21	6.18	-8.30	133.27	286.32	-935.53	166.16	-286.58	60.94
42852	59.59	7.26	-8.30	137.41	298.92	-998.75	159.16	-292.81	125.22
42853	57.78	3.96	-8.30	91.84	264.88	-733.08	218.46	-231.29	-38.30
42854	58.03	5.08	-8.30	93.57	285.83	-800.60	206.83	-213.22	5.75
42855	58.33	6.18	-8.30	99.37	303.85	-865.89	194.10	-199.51	62.74
42856	58.70	7.26	-8.30	106.17	316.66	-922.74	184.73	-194.29	133.53
42857	56.92	3.96	-8.30	84.78	272.51	-696.61	263.70	-148.17	-40.35
42858	57.16	5.08	-8.30	92.41	295.78	-773.70	252.23	-113.28	-7.77
42859	57.46	6.18	-8.30	100.09	331.67	-843.14	234.52	-75.61	52.66
42860	57.81	7.26	-8.30	111.82	353.09	-898.78	211.76	-51.79	134.59
42861	56.07	3.96	-8.30	149.24	257.82	-688.33	308.90	-46.98	-12.48
42862	56.30	5.07	-8.30	180.41	304.01	-773.39	317.02	4.84	-5.95
42863	56.58	6.18	-8.30	181.22	343.84	-873.71	302.00	100.51	-1.67
42864	56.92	7.26	-8.30	196.76	409.50	-946.07	265.58	195.53	113.98
42865	55.21	3.96	-8.30	323.31	391.68	-575.32	411.67	146.22	302.75
42866	55.43	5.07	-8.30	294.49	377.45	-593.56	329.72	172.90	216.03
42867	55.70	6.17	-8.30	355.46	389.17	-631.01	318.68	275.02	102.98

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]
42868	56.03	7.26	-8.30	329.92	424.63	-808.85	353.37	565.53	-114.13
42869	79.01	8.10	-2.70	51.20	-246.50	-1848.52	-18.39	95.52	119.95
42870	80.14	8.10	-2.70	34.70	-249.44	-1843.06	-33.82	166.80	119.13
42871	81.27	8.10	-2.70	10.56	-255.46	-1831.90	-49.38	235.52	119.04
42872	82.40	8.10	-2.70	-20.81	-264.43	-1816.61	-65.10	300.08	119.71
42873	83.53	8.10	-2.70	-58.86	-276.33	-1799.13	-80.98	359.18	121.16
42874	84.66	8.10	-2.70	-102.94	-291.18	-1781.82	-97.05	411.86	123.49
42875	85.79	8.10	-2.70	-152.50	-309.06	-1767.35	-113.37	457.57	126.79
42876	86.92	8.10	-2.70	-207.16	-330.21	-1758.69	-130.05	496.16	131.26
42877	88.05	8.10	-2.70	-266.94	-355.02	-1759.05	-147.35	527.95	137.23
42878	89.18	8.10	-2.70	-332.44	-384.31	-1772.05	-165.73	553.63	145.12
42879	90.30	8.10	-2.70	-405.13	-419.30	-1801.96	-185.75	574.36	155.44
42880	91.43	8.10	-2.70	-488.16	-461.84	-1854.52	-208.49	592.01	169.03
42881	92.56	8.10	-2.70	-586.92	-515.83	-1939.38	-235.98	609.08	187.54
42882	93.69	8.10	-2.70	-710.58	-587.26	-2072.65	-270.87	628.94	213.73
42883	94.82	8.10	-2.70	-876.28	-692.33	-2316.64	-317.88	661.49	256.64
42884	95.95	8.10	-2.70	-1132.96	-828.96	-2423.88	-418.83	881.54	391.33
42885	79.01	8.70	-2.70	37.85	-279.52	-1909.86	-20.50	96.15	164.37
42886	80.12	8.70	-2.70	21.57	-282.40	-1905.29	-37.10	167.05	163.13
42887	81.23	8.70	-2.70	-2.27	-288.30	-1895.49	-53.73	235.46	162.40
42888	82.34	8.70	-2.70	-33.28	-297.11	-1881.94	-70.44	299.91	162.18
42889	83.45	8.70	-2.70	-70.94	-308.84	-1866.49	-87.23	359.15	162.55
42890	84.56	8.70	-2.70	-114.69	-323.55	-1851.39	-104.14	412.24	163.63
42891	85.67	8.70	-2.70	-164.01	-341.36	-1839.21	-121.21	458.64	165.59
42892	86.79	8.70	-2.70	-218.58	-362.54	-1832.83	-138.61	498.21	168.68
42893	87.90	8.70	-2.70	-278.49	-387.54	-1835.39	-156.59	531.25	173.23
42894	89.01	8.70	-2.70	-344.42	-417.13	-1850.47	-175.63	558.48	179.90
42895	90.12	8.70	-2.70	-418.06	-452.98	-1882.46	-196.61	580.67	189.15
42896	91.23	8.70	-2.70	-502.02	-496.56	-1937.03	-220.21	599.73	201.61
42897	92.34	8.70	-2.70	-602.34	-552.16	-2024.10	-248.84	618.40	218.95
42898	93.45	8.70	-2.70	-728.21	-626.28	-2160.49	-285.62	639.95	244.76
42899	94.56	8.70	-2.70	-894.88	-734.18	-2408.23	-334.39	675.10	286.55
42900	95.68	8.70	-2.70	-1150.41	-877.32	-2502.59	-441.58	904.30	437.17
42901	79.01	8.10	-4.10	110.95	-148.21	-1672.03	-5.33	75.42	34.31
42902	80.14	8.10	-4.10	96.17	-150.68	-1669.41	-19.21	134.90	33.39
42903	81.27	8.10	-4.10	75.01	-155.70	-1663.52	-33.11	192.35	33.13
42904	82.40	8.10	-4.10	47.78	-163.13	-1655.62	-46.96	246.39	33.57
42905	83.53	8.10	-4.10	15.04	-172.90	-1647.30	-60.71	295.88	34.70
42906	84.66	8.10	-4.10	-22.59	-184.95	-1640.41	-74.27	339.93	36.53
42907	85.79	8.10	-4.10	-64.40	-199.22	-1637.10	-87.56	377.91	39.07
42908	86.92	8.10	-4.10	-109.69	-215.67	-1639.74	-100.51	409.45	42.38
42909	88.05	8.10	-4.10	-157.75	-234.26	-1650.92	-113.01	434.49	46.57
42910	89.18	8.10	-4.10	-207.89	-255.00	-1673.53	-124.95	453.24	51.87
42911	90.30	8.10	-4.10	-259.12	-277.87	-1710.89	-136.05	466.31	58.56
42912	91.43	8.10	-4.10	-309.78	-302.46	-1767.04	-145.62	475.52	67.44
42913	92.56	8.10	-4.10	-355.97	-327.72	-1846.58	-152.38	485.34	80.98
42914	93.69	8.10	-4.10	-388.48	-350.62	-1953.48	-153.25	508.32	106.05
42915	94.82	8.10	-4.10	-385.68	-358.46	-2042.63	-145.15	592.14	163.71
42916	95.95	8.10	-4.10	-356.85	-335.74	-1943.58	-144.70	782.58	268.76
42917	79.01	8.70	-4.10	99.43	-174.68	-1731.16	-7.33	75.85	71.96
42918	80.12	8.70	-4.10	84.97	-177.08	-1729.31	-22.12	134.99	70.52
42919	81.23	8.70	-4.10	64.15	-181.94	-1724.56	-36.77	192.18	69.70
42920	82.34	8.70	-4.10	37.37	-189.12	-1718.14	-51.32	246.08	69.36
42921	83.45	8.70	-4.10	5.12	-198.58	-1711.52	-65.68	295.61	69.52
42922	84.56	8.70	-4.10	-31.97	-210.27	-1706.50	-79.78	339.90	70.21
42923	85.67	8.70	-4.10	-73.26	-224.14	-1705.12	-93.53	378.33	71.49
42924	86.79	8.70	-4.10	-118.04	-240.18	-1709.69	-106.83	410.54	73.43
42925	87.90	8.70	-4.10	-165.64	-258.33	-1722.72	-119.58	436.46	76.18
42926	89.01	8.70	-4.10	-215.34	-278.49	-1747.06	-131.59	456.39	80.18
42927	90.12	8.70	-4.10	-266.23	-300.75	-1786.03	-142.71	470.62	85.73
42928	91.23	8.70	-4.10	-316.25	-324.49	-1843.48	-152.00	481.13	93.52
42929	92.34	8.70	-4.10	-361.51	-348.41	-1923.78	-158.11	493.05	106.28
42930	93.45	8.70	-4.10	-392.39	-369.25	-2030.12	-157.78	519.80	132.26
42931	94.56	8.70	-4.10	-387.49	-373.24	-2112.41	-147.32	608.94	194.93
42932	95.68	8.70	-4.10	-359.41	-347.77	-2001.23	-145.49	800.19	308.14
42933	79.01	8.10	-5.50	194.03	-13.90	-1522.58	9.75	57.35	-32.17
42934	80.14	8.10	-5.50	181.50	-15.86	-1522.26	-1.91	107.29	-32.88
42935	81.27	8.10	-5.50	163.69	-19.75	-1520.58	-13.40	155.77	-32.83
42936	82.40	8.10	-5.50	140.98	-25.43	-1518.62	-24.60	201.61	-31.84
42937	83.53	8.10	-5.50	113.97	-32.75	-1517.70	-35.34	243.91	-29.93
42938	84.66	8.10	-5.50	83.41	-41.53	-1519.30	-45.44	282.00	-27.05
42939	85.79	8.10	-5.50	50.26	-51.52	-1525.15	-54.66	315.44	-23.12
42940	86.92	8.10	-5.50	15.63	-62.40	-1537.08	-62.69	344.08	-17.99
42941	88.05	8.10	-5.50	-19.07	-73.72	-1556.98	-69.14	368.21	-11.31
42942	89.18	8.10	-5.50	-52.08	-84.83	-1586.69	-73.52	388.63	-2.49
42943	90.30	8.10	-5.50	-80.95	-94.90	-1627.63	-75.19	407.20	9.43
42944	91.43	8.10	-5.50	-102.20	-102.52	-1679.89	-73.15	428.20	26.44
42945	92.56	8.10	-5.50	-111.35	-105.34	-1739.35	-66.51	460.22	52.93
42946	93.69	8.10	-5.50	-104.58	-100.15	-1786.33	-56.08	519.16	96.43
42947	94.82	8.10	-5.50	-92.50	-85.79	-1769.67	-49.81	619.07	161.85
42948	95.95	8.10	-5.50	-108.49	-68.01	-1625.70	-63.01	736.86	236.28
42949	79.01	8.70	-5.50	185.27	-32.04	-1579.55	7.82	57.68	0.83
42950	80.12	8.70	-5.50	173.09	-33.91	-1579.92	-4.41	107.41	-0.49
42951	81.23	8.70	-5.50	155.69	-37.54	-1579.22	-16.34	155.77	-0.87
42952	82.34	8.70	-5.50	133.53	-42.81	-1578.53	-27.92	201.59	-0.47
42953	83.45	8.70	-5.50	107.18	-49.60	-1579.07	-38.98	244.04	0.72
42954	84.56	8.70	-5.50	77.39	-57.71	-1582.27	-49.29	282.45	2.77
42955	85.67	8.70	-5.50	45.07	-66.91	-1589.74	-58.60	316.41	5.79
42956	86.79	8.70	-5.50	11.36	-76.84	-1603.24	-66.59	345.81	10.00
42957	87.90	8.70	-5.50	-22.35	-87.05	-1624.55	-72.86	370.97	15.78
42958	89.01	8.70	-5.50	-54.27	-96.76	-1655.34	-76.84	392.87	24.01
42959	90.12	8.70	-5.50	-82.02	-105.15	-1696.80	-77.95	413.08	35.79
42960	91.23	8.70	-5.50	-102.12	-110.89	-1748.65	-75.21	436.08	52.98
42961	92.34	8.70	-5.50	-110.07	-111.39	-1806.05	-67.64	471.05	80.31
42962	93.45	8.70	-5.50	-102.61	-103.72	-1847.85	-56.36	533.83	126.65
42963	94.56	8.70	-5.50	-91.85	-87.88	-1822.81	-50.29	635.08	195.89
42964	95.68	8.70	-5.50	-109.17	-71.59	-1671.53	-65.68	750.63	272.50
42965	79.01	8.10	-6.90	298.06	149.87	-1393.07	26.33	41.81	-76.55
42966	80.14	8.10	-6.90	288.04	148.24	-1394.36	17.10	84.13	-76.72

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]
42967	81.27	8.10	-6.90	273.52	145.15	-1395.64	8.21	125.63	-75.86
42968	82.40	8.10	-6.90	255.00	140.75	-1397.87	-0.24	165.33	-73.63
42969	83.53	8.10	-6.90	233.08	135.21	-1402.06	-8.02	202.63	-69.95
42970	84.66	8.10	-6.90	208.57	128.77	-1409.35	-14.88	237.15	-64.70
42971	85.79	8.10	-6.90	182.53	121.75	-1420.96	-20.51	268.80	-57.66
42972	86.92	8.10	-6.90	156.20	114.56	-1438.08	-24.58	297.85	-48.51
42973	88.05	8.10	-6.90	131.11	107.78	-1461.64	-26.71	325.03	-36.68
42974	89.18	8.10	-6.90	108.98	102.09	-1491.92	-26.57	351.75	-21.30
42975	90.30	8.10	-6.90	91.76	98.21	-1527.90	-23.93	380.47	-1.24
42976	91.43	8.10	-6.90	81.14	97.06	-1565.70	-18.79	415.61	25.36
42977	92.56	8.10	-6.90	77.15	99.55	-1595.43	-12.38	463.19	61.31
42978	93.69	8.10	-6.90	75.13	105.29	-1597.84	-8.31	527.11	108.09
42979	94.82	8.10	-6.90	64.36	112.37	-1547.90	-12.05	601.81	161.67
42980	95.95	8.10	-6.90	35.59	118.90	-1428.47	-27.13	667.88	211.73
42981	79.01	8.70	-6.90	292.58	140.35	-1446.93	24.34	42.15	-46.22
42982	80.12	8.70	-6.90	282.83	138.78	-1448.87	14.86	84.44	-47.05
42983	81.23	8.70	-6.90	268.74	136.03	-1450.97	5.74	126.08	-46.44
42984	82.34	8.70	-6.90	250.83	132.12	-1454.23	-2.89	166.01	-44.54
42985	83.45	8.70	-6.90	229.67	127.23	-1459.59	-10.78	203.69	-41.24
42986	84.56	8.70	-6.90	206.05	121.59	-1468.10	-17.65	238.77	-36.41
42987	85.67	8.70	-6.90	180.99	115.53	-1480.90	-23.20	271.19	-29.78
42988	86.79	8.70	-6.90	155.73	109.49	-1499.01	-27.09	301.24	-20.96
42989	87.90	8.70	-6.90	131.75	103.99	-1523.19	-28.95	329.72	-9.36
42990	89.01	8.70	-6.90	110.76	99.79	-1553.50	-28.42	358.16	6.18
42991	90.12	8.70	-6.90	94.54	97.51	-1588.56	-25.40	388.67	26.84
42992	91.23	8.70	-6.90	84.63	97.82	-1624.17	-20.00	425.68	54.18
42993	92.34	8.70	-6.90	81.02	101.78	-1649.99	-13.40	475.42	91.19
42994	93.45	8.70	-6.90	78.38	108.27	-1646.85	-9.79	540.89	139.70
42995	94.56	8.70	-6.90	66.63	115.00	-1591.10	-14.68	614.76	194.42
42996	95.67	8.70	-6.90	38.00	120.12	-1467.82	-31.25	678.91	244.11
42997	79.01	8.10	-8.30	421.09	338.20	-1278.47	44.00	28.84	-99.06
42998	80.14	8.10	-8.30	413.60	336.52	-1280.40	37.07	64.88	-98.58
42999	81.27	8.10	-8.30	402.01	333.62	-1283.34	30.52	100.69	-96.75
43000	82.40	8.10	-8.30	386.82	329.57	-1287.87	24.42	135.47	-93.03
43001	83.53	8.10	-8.30	368.57	324.47	-1294.69	19.01	168.92	-87.29
43002	84.66	8.10	-8.30	348.02	318.55	-1304.57	14.51	201.01	-79.32
43003	85.79	8.10	-8.30	326.09	312.07	-1318.24	11.16	231.93	-68.85
43004	86.92	8.10	-8.30	303.87	305.40	-1336.24	9.17	262.20	-55.47
43005	88.05	8.10	-8.30	282.52	298.96	-1358.58	8.75	292.73	-38.66
43006	89.18	8.10	-8.30	263.13	293.19	-1384.37	9.89	324.84	-17.73
43007	90.30	8.10	-8.30	246.48	288.38	-1411.09	12.30	360.39	7.96
43008	91.43	8.10	-8.30	232.42	284.83	-1433.61	15.26	401.83	39.10
43009	92.56	8.10	-8.30	218.93	282.36	-1443.33	16.97	450.67	76.15
43010	93.69	8.10	-8.30	202.06	280.07	-1428.93	14.93	504.86	117.68
43011	94.82	8.10	-8.30	177.23	277.19	-1379.76	7.05	557.52	159.55
43012	95.95	8.10	-8.30	141.89	273.27	-1290.59	-7.30	597.48	196.17
43013	79.01	8.70	-8.30	418.94	336.47	-1327.70	41.76	29.17	-70.54
43014	80.12	8.70	-8.30	411.61	334.78	-1330.18	34.84	65.43	-70.68
43015	81.23	8.70	-8.30	400.45	332.24	-1333.73	28.12	101.68	-68.92
43016	82.34	8.70	-8.30	385.85	328.63	-1339.02	21.89	136.97	-65.27
43017	83.45	8.70	-8.30	368.34	324.11	-1346.67	16.41	171.06	-59.60
43018	84.56	8.70	-8.30	348.63	318.90	-1357.34	11.89	203.94	-51.68
43019	85.67	8.70	-8.30	327.62	313.26	-1371.67	8.56	235.84	-41.21
43020	86.79	8.70	-8.30	306.35	307.54	-1390.01	6.65	267.26	-27.75
43021	87.90	8.70	-8.30	285.93	302.08	-1412.22	6.29	299.14	-10.78
43022	89.01	8.70	-8.30	267.40	297.38	-1437.15	7.52	332.86	10.61
43023	90.12	8.70	-8.30	251.36	293.52	-1462.10	9.86	369.79	36.95
43024	91.23	8.70	-8.30	237.58	290.61	-1481.84	12.59	412.36	68.53
43025	92.34	8.70	-8.30	224.12	288.66	-1487.85	13.95	462.19	105.94
43026	93.45	8.70	-8.30	206.72	286.17	-1469.39	11.07	516.56	147.91
43027	94.56	8.70	-8.30	181.68	282.58	-1416.66	2.20	568.11	189.58
43028	95.67	8.70	-8.30	146.91	277.44	-1325.33	-13.16	606.71	224.92
43029	96.79	8.10	-2.70	-1289.66	-836.03	-1281.38	-593.60	1094.36	483.47
43030	97.87	8.10	-2.70	-365.58	-360.00	-62.87	-286.90	242.93	93.46
43031	98.78	8.10	-2.70	-39.35	-212.02	-52.05	-144.69	73.89	39.88
43032	99.68	8.10	-2.70	50.74	-123.46	-19.65	-77.41	0.79	21.60
43033	100.59	8.10	-2.70	27.50	-59.82	3.86	-25.25	-28.61	31.53
43034	96.69	8.70	-2.70	-1291.69	-887.45	-1319.17	-618.17	1108.03	533.70
43035	97.61	8.70	-2.70	-366.18	-379.18	-68.46	-289.41	249.73	101.73
43036	98.52	8.70	-2.70	-37.49	-219.53	-52.86	-140.32	75.05	41.04
43037	99.44	8.70	-2.70	53.50	-126.75	-20.38	-73.24	0.30	20.62
43038	100.36	8.70	-2.70	28.56	-60.91	3.94	-23.79	-31.07	28.57
43039	96.97	8.10	-4.10	-428.22	-282.67	-1334.66	-203.96	947.98	366.45
43040	97.87	8.10	-4.10	-479.09	-211.43	-559.74	-257.93	674.37	270.71
43041	98.78	8.10	-4.10	-236.04	-85.16	-193.48	-170.86	284.75	135.92
43042	99.68	8.10	-4.10	-78.53	-9.52	-109.29	-96.22	87.65	90.03
43043	100.59	8.10	-4.10	-7.03	51.68	-11.01	-43.55	-17.46	93.16
43044	96.69	8.70	-4.10	-432.07	-298.91	-1373.26	-212.81	961.80	410.77
43045	97.61	8.70	-4.10	-477.47	-228.16	-576.95	-271.28	684.47	299.85
43046	98.52	8.70	-4.10	-234.83	-92.95	-199.94	-177.82	290.31	146.93
43047	99.44	8.70	-4.10	-76.55	-11.50	-111.94	-99.46	88.43	93.62
43048	100.36	8.70	-4.10	-4.76	54.00	-10.69	-45.65	-20.75	91.62
43049	96.97	8.10	-5.50	-180.51	-46.13	-1260.15	-107.23	796.37	289.89
43050	97.87	8.10	-5.50	-232.71	-7.74	-777.79	-144.11	676.45	269.55
43051	98.78	8.10	-5.50	-197.90	40.58	-433.09	-136.29	425.04	202.01
43052	99.68	8.10	-5.50	-90.71	94.89	-250.68	-93.42	190.94	151.18
43053	100.59	8.10	-5.50	-10.61	141.04	-94.66	-59.48	25.35	138.00
43054	96.69	8.70	-5.50	-180.34	-52.48	-1296.21	-113.81	808.13	325.29
43055	97.61	8.70	-5.50	-231.04	-15.50	-800.38	-154.51	686.49	297.13
43056	98.52	8.70	-5.50	-195.38	34.96	-445.75	-146.27	431.52	217.56
43057	99.44	8.70	-5.50	-88.12	93.23	-257.66	-100.40	193.18	157.69
43058	100.36	8.70	-5.50	-7.24	142.88	-96.63	-64.29	22.27	136.81
43059	96.97	8.10	-6.90	-21.05	127.61	-1189.90	-56.53	694.70	250.50
43060	97.87	8.10	-6.90	-79.96	140.43	-872.56	-87.72	619.68	252.24
43061	98.78	8.10	-6.90	-89.40	160.32	-602.96	-96.09	450.69	221.90
43062	99.68	8.10	-6.90	-50.68	185.02	-412.72	-84.18	252.83	188.07
43063	100.59	8.10	-6.90	0.43	210.41	-245.13	-70.56	58.68	163.63
43064	96.69	8.70	-6.90	-18.16	126.89	-1223.36	-63.14	704.92	281.13
43065	97.61	8.70	-6.90	-76.51	138.24	-896.92	-97.02	628.82	277.27

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]
43066	98.52	8.70	-6.90	-85.73	158.49	-619.62	-105.90	457.18	238.41
43067	99.44	8.70	-6.90	-46.82	184.86	-423.66	-92.69	255.57	196.92
43068	100.36	8.70	-6.90	5.01	212.46	-250.76	-77.17	55.81	163.53
43069	96.97	8.10	-8.30	87.45	268.12	-1131.02	-30.76	607.42	225.85
43070	97.87	8.10	-8.30	28.41	262.87	-917.66	-57.66	551.54	234.97
43071	98.78	8.10	-8.30	-4.60	260.76	-719.38	-74.30	427.58	222.50
43072	99.68	8.10	-8.30	-4.80	262.29	-560.51	-79.36	262.85	200.65
43073	100.59	8.10	-8.30	13.26	264.90	-430.97	-80.55	70.08	173.77
43074	96.69	8.70	-8.30	92.70	270.74	-1162.02	-38.15	616.29	252.35
43075	97.61	8.70	-8.30	33.61	263.96	-942.52	-66.87	559.67	256.95
43076	98.52	8.70	-8.30	0.42	261.29	-738.57	-84.16	433.62	237.99
43077	99.44	8.70	-8.30	0.10	263.14	-574.98	-88.72	265.62	209.83
43078	100.36	8.70	-8.30	18.75	266.69	-441.13	-88.37	67.26	174.08
43079	60.95	8.10	-2.70	-198.82	-798.96	-1612.01	243.14	-499.57	279.06
43080	62.08	8.10	-2.70	-201.55	-710.09	-1696.95	189.10	-428.74	297.01
43081	63.21	8.10	-2.70	-202.41	-614.43	-1680.05	168.48	-411.75	250.63
43082	64.34	8.10	-2.70	-190.49	-537.58	-1666.47	149.99	-405.95	219.53
43083	65.47	8.10	-2.70	-172.05	-478.27	-1659.17	135.80	-403.05	196.97
43084	66.60	8.10	-2.70	-148.74	-430.77	-1659.19	123.79	-399.08	180.35
43085	67.72	8.10	-2.70	-121.78	-391.98	-1666.95	112.64	-391.27	167.72
43086	68.85	8.10	-2.70	-92.24	-359.91	-1682.05	101.55	-377.04	157.82
43087	69.98	8.10	-2.70	-61.61	-333.26	-1703.14	90.23	-354.80	149.96
43088	71.11	8.10	-2.70	-31.53	-310.98	-1728.25	78.44	-323.75	143.57
43089	72.24	8.10	-2.70	-3.52	-292.45	-1755.13	66.06	-283.66	138.24
43090	73.37	8.10	-2.70	20.93	-277.31	-1781.55	53.10	-234.94	133.70
43091	74.50	8.10	-2.70	40.52	-265.34	-1805.46	39.63	-178.47	129.79
43092	75.63	8.10	-2.70	54.10	-256.34	-1825.13	25.74	-115.50	126.42
43093	76.76	8.10	-2.70	60.76	-250.16	-1839.35	11.48	-47.60	123.58
43094	77.89	8.10	-2.70	59.88	-246.79	-1847.32	-3.23	23.43	121.42
43095	61.22	8.70	-2.70	-219.20	-845.75	-1815.95	294.20	-481.39	376.94
43096	62.34	8.70	-2.70	-239.57	-764.06	-1815.40	231.82	-429.39	328.76
43097	63.45	8.70	-2.70	-233.42	-652.00	-1776.97	191.59	-411.54	284.27
43098	64.56	8.70	-2.70	-216.08	-573.95	-1751.41	166.59	-407.78	255.06
43099	65.67	8.70	-2.70	-192.78	-512.98	-1737.60	148.21	-405.11	233.45
43100	66.78	8.70	-2.70	-166.15	-464.96	-1733.74	133.87	-400.90	217.71
43101	67.89	8.70	-2.70	-136.72	-425.58	-1738.79	120.94	-392.37	205.66
43102	69.00	8.70	-2.70	-105.67	-393.33	-1751.73	108.56	-376.94	196.44
43103	70.11	8.70	-2.70	-74.28	-366.62	-1770.85	96.21	-353.67	189.54
43104	71.23	8.70	-2.70	-43.90	-344.32	-1794.04	83.45	-321.80	184.17
43105	72.34	8.70	-2.70	-15.91	-325.85	-1819.09	70.12	-281.21	179.88
43106	73.45	8.70	-2.70	8.37	-310.82	-1843.88	56.20	-232.30	176.35
43107	74.56	8.70	-2.70	27.72	-298.95	-1866.45	41.74	-175.94	173.33
43108	75.67	8.70	-2.70	41.10	-290.06	-1885.21	26.84	-113.35	170.65
43109	76.78	8.70	-2.70	47.64	-283.87	-1899.07	11.63	-46.02	168.17
43110	77.89	8.70	-2.70	46.58	-280.13	-1907.68	-4.05	24.55	166.04
43111	60.95	8.10	-4.10	2.87	-419.76	-1456.24	152.13	-440.12	195.98
43112	62.08	8.10	-4.10	-13.11	-405.44	-1552.46	132.70	-402.65	170.64
43113	63.21	8.10	-4.10	-30.19	-379.65	-1578.38	125.63	-376.69	140.80
43114	64.34	8.10	-4.10	-37.10	-348.43	-1577.95	123.39	-365.19	117.45
43115	65.47	8.10	-4.10	-34.64	-316.86	-1572.88	119.62	-358.90	101.23
43116	66.60	8.10	-4.10	-24.67	-287.53	-1569.76	114.28	-352.66	89.11
43117	67.72	8.10	-4.10	-9.27	-261.15	-1570.80	107.63	-343.36	79.42
43118	68.85	8.10	-4.10	9.89	-237.89	-1576.49	99.78	-328.84	71.30
43119	69.98	8.10	-4.10	31.17	-217.65	-1586.43	90.92	-307.92	64.43
43120	71.11	8.10	-4.10	52.95	-200.21	-1599.57	81.12	-280.02	58.47
43121	72.24	8.10	-4.10	73.73	-185.42	-1614.53	70.48	-244.97	53.22
43122	73.37	8.10	-4.10	92.08	-173.19	-1629.84	59.10	-203.07	48.55
43123	74.50	8.10	-4.10	106.77	-163.44	-1644.09	47.11	-155.00	44.41
43124	75.63	8.10	-4.10	116.72	-156.08	-1656.10	34.64	-101.75	40.77
43125	76.76	8.10	-4.10	121.05	-151.02	-1665.10	21.75	-44.48	37.77
43126	77.89	8.10	-4.10	119.21	-148.33	-1670.57	8.38	15.25	35.68
43127	61.22	8.70	-4.10	-16.13	-420.47	-1531.80	148.74	-452.81	255.87
43128	62.34	8.70	-4.10	-23.12	-419.19	-1636.16	133.97	-413.91	208.73
43129	63.45	8.70	-4.10	-40.13	-401.03	-1661.61	132.50	-381.64	169.22
43130	64.56	8.70	-4.10	-48.91	-371.14	-1656.12	130.64	-366.90	145.36
43131	65.67	8.70	-4.10	-46.43	-340.35	-1646.66	126.03	-359.38	129.93
43132	66.78	8.70	-4.10	-35.96	-311.65	-1640.45	119.94	-352.67	118.99
43133	67.89	8.70	-4.10	-19.93	-285.68	-1639.11	112.51	-342.98	110.23
43134	69.00	8.70	-4.10	-0.37	-262.85	-1642.90	103.97	-327.74	103.05
43135	70.11	8.70	-4.10	21.05	-243.01	-1651.17	94.47	-306.29	97.27
43136	71.23	8.70	-4.10	42.78	-225.92	-1662.76	84.03	-277.98	92.34
43137	72.34	8.70	-4.10	63.35	-211.48	-1676.28	72.73	-242.71	88.06
43138	73.45	8.70	-4.10	81.44	-199.59	-1690.28	60.68	-200.79	84.26
43139	74.56	8.70	-4.10	95.87	-190.14	-1703.41	48.00	-152.91	80.85
43140	75.67	8.70	-4.10	105.62	-183.06	-1714.59	34.85	-100.01	77.75
43141	76.78	8.70	-4.10	109.85	-178.10	-1723.10	21.40	-43.16	74.90
43142	77.89	8.70	-4.10	107.75	-175.11	-1728.93	7.38	16.65	73.19
43143	60.95	8.10	-5.50	87.42	-111.45	-1311.59	105.27	-421.80	176.66
43144	62.08	8.10	-5.50	100.24	-124.45	-1412.73	94.93	-410.33	143.65
43145	63.21	8.10	-5.50	99.98	-128.27	-1466.09	93.37	-385.70	106.74
43146	64.34	8.10	-5.50	96.01	-124.58	-1485.38	95.98	-363.86	76.21
43147	65.47	8.10	-5.50	95.00	-115.65	-1488.28	98.55	-346.93	53.49
43148	66.60	8.10	-5.50	98.93	-103.65	-1485.64	99.12	-332.38	36.76
43149	67.72	8.10	-5.50	107.67	-90.40	-1482.62	97.41	-317.31	23.74
43150	68.85	8.10	-5.50	120.16	-77.08	-1481.48	93.69	-299.36	13.10
43151	69.98	8.10	-5.50	135.10	-64.34	-1482.94	88.23	-277.21	4.21
43152	71.11	8.10	-5.50	151.11	-52.62	-1486.85	81.31	-250.20	-3.41
43153	72.24	8.10	-5.50	166.82	-42.21	-1492.58	73.18	-218.01	-10.08
43154	73.37	8.10	-5.50	180.94	-33.30	-1499.29	64.07	-180.76	-15.94
43155	74.50	8.10	-5.50	192.31	-26.00	-1506.09	54.20	-138.88	-21.06
43156	75.63	8.10	-5.50	199.95	-20.37	-1512.24	43.74	-93.03	-25.45
43157	76.76	8.10	-5.50	203.07	-16.37	-1517.27	32.83	-44.01	-28.91
43158	77.89	8.10	-5.50	201.17	-14.10	-1520.87	21.45	6.78	-31.01
43159	61.22	8.70	-5.50	82.64	-114.16	-1361.53	99.74	-440.02	230.62
43160	62.34	8.70	-5.50	97.87	-128.37	-1472.33	90.72	-426.46	184.62
43161	63.45	8.70	-5.50	98.75	-134.45	-1532.11	91.16	-397.06	140.01
43162	64.56	8.70	-5.50	93.71	-133.37	-1553.42	95.67	-370.62	105.42
43163	65.67	8.70	-5.50	91.18	-126.41	-1555.66	99.22	-350.41	81.33
43164	66.78	8.70	-5.50	94.19	-115.89	-1551.64	100.12	-334.25	64.58

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]
43165	67.89	8.70	-5.50	102.31	-103.95	-1547.14	98.54	-318.20	51.72
43166	69.00	8.70	-5.50	114.26	-91.71	-1544.54	94.80	-299.26	41.51
43167	70.11	8.70	-5.50	128.73	-79.88	-1544.58	89.20	-276.51	33.38
43168	71.23	8.70	-5.50	144.28	-68.93	-1547.14	82.06	-249.09	26.52
43169	72.34	8.70	-5.50	159.54	-59.19	-1551.59	73.65	-216.69	20.59
43170	73.45	8.70	-5.50	173.23	-50.85	-1557.13	64.21	-179.41	15.40
43171	74.56	8.70	-5.50	184.25	-44.03	-1562.94	53.98	-137.64	10.79
43172	75.67	8.70	-5.50	191.63	-38.79	-1568.35	43.17	-92.00	6.73
43173	76.78	8.70	-5.50	194.59	-35.00	-1572.97	32.01	-43.17	3.14
43174	77.89	8.70	-5.50	192.38	-32.50	-1577.03	20.29	8.41	1.60
43175	60.95	8.10	-6.90	140.07	106.33	-1205.38	110.65	-391.04	167.17
43176	62.08	8.10	-6.90	165.11	98.46	-1289.50	98.63	-397.47	136.71
43177	63.21	8.10	-6.90	182.32	92.76	-1346.79	92.45	-385.66	102.04
43178	64.34	8.10	-6.90	192.89	90.02	-1378.25	91.17	-366.15	68.91
43179	65.47	8.10	-6.90	200.61	90.49	-1391.04	92.21	-345.12	40.66
43180	66.60	8.10	-6.90	208.59	93.94	-1393.22	93.27	-324.56	17.77
43181	67.72	8.10	-6.90	218.42	99.55	-1390.65	93.10	-303.96	-0.87
43182	68.85	8.10	-6.90	230.30	106.43	-1386.84	91.39	-281.90	-16.35
43183	69.98	8.10	-6.90	243.72	113.94	-1383.65	88.09	-257.44	-29.29
43184	71.11	8.10	-6.90	257.87	121.50	-1381.82	83.31	-230.00	-40.26
43185	72.24	8.10	-6.90	271.71	128.64	-1381.47	77.28	-199.21	-49.68
43186	73.37	8.10	-6.90	284.20	135.04	-1382.34	70.23	-165.03	-57.76
43187	74.50	8.10	-6.90	294.37	140.45	-1384.02	62.37	-127.64	-64.58
43188	75.63	8.10	-6.90	301.37	144.70	-1386.15	53.90	-87.41	-70.16
43189	76.76	8.10	-6.90	304.57	147.78	-1388.56	45.01	-44.77	-74.15
43190	77.89	8.10	-6.90	303.53	149.66	-1391.07	35.80	-1.00	-75.98
43191	61.22	8.70	-6.90	139.04	106.93	-1244.83	107.17	-405.95	210.69
43192	62.34	8.70	-6.90	165.46	99.50	-1335.48	94.77	-411.94	175.90
43193	63.45	8.70	-6.90	183.68	93.57	-1398.81	88.87	-398.06	136.96
43194	64.56	8.70	-6.90	194.57	89.99	-1434.35	88.21	-375.90	100.59
43195	65.67	8.70	-6.90	201.37	89.09	-1449.18	90.11	-351.78	70.21
43196	66.78	8.70	-6.90	208.41	91.28	-1451.97	91.64	-329.23	46.52
43197	67.89	8.70	-6.90	217.37	95.51	-1449.25	91.83	-307.29	27.32
43198	69.00	8.70	-6.90	228.35	101.04	-1444.85	90.40	-283.92	11.65
43199	70.11	8.70	-6.90	241.00	107.36	-1440.80	87.22	-258.62	-1.02
43200	71.23	8.70	-6.90	254.45	113.78	-1438.01	82.49	-230.60	-11.63
43201	72.34	8.70	-6.90	267.66	119.91	-1436.65	76.44	-199.44	-20.64
43202	73.45	8.70	-6.90	279.60	125.44	-1436.55	69.32	-165.05	-28.32
43203	74.56	8.70	-6.90	289.29	130.16	-1437.39	61.35	-127.56	-34.90
43204	75.67	8.70	-6.90	295.93	133.96	-1438.91	52.76	-87.27	-40.42
43205	76.78	8.70	-6.90	298.90	136.95	-1441.04	43.78	-44.45	-44.98
43206	77.89	8.70	-6.90	297.75	139.53	-1444.09	34.46	0.95	-46.25
43207	60.95	8.10	-8.30	179.97	296.43	-1127.85	134.26	-352.40	158.74
43208	62.08	8.10	-8.30	212.80	292.52	-1190.45	120.76	-367.56	133.26
43209	63.21	8.10	-8.30	241.69	290.36	-1238.70	111.07	-365.93	103.71
43210	64.34	8.10	-8.30	265.75	289.69	-1270.34	105.14	-353.43	73.12
43211	65.47	8.10	-8.30	285.82	290.51	-1287.23	102.09	-334.81	44.12
43212	66.60	8.10	-8.30	303.50	293.06	-1293.40	100.42	-313.39	18.27
43213	67.72	8.10	-8.30	320.36	297.20	-1293.07	98.81	-290.58	-4.31
43214	68.85	8.10	-8.30	337.13	302.45	-1289.61	96.65	-266.28	-23.91
43215	69.98	8.10	-8.30	353.89	308.45	-1285.24	93.61	-240.39	-40.73
43216	71.11	8.10	-8.30	370.31	314.74	-1281.26	89.56	-212.73	-55.14
43217	72.24	8.10	-8.30	385.78	320.86	-1278.24	84.60	-183.11	-67.48
43218	73.37	8.10	-8.30	399.54	326.45	-1276.34	78.86	-151.46	-77.93
43219	74.50	8.10	-8.30	410.85	331.22	-1275.45	72.48	-117.84	-86.59
43220	75.63	8.10	-8.30	419.06	334.87	-1275.39	65.61	-82.38	-93.38
43221	76.76	8.10	-8.30	423.71	337.23	-1275.99	58.45	-45.21	-97.80
43222	77.89	8.10	-8.30	424.44	338.40	-1277.06	51.27	-7.45	-99.19
43223	61.22	8.70	-8.30	183.00	298.98	-1161.67	130.61	-365.02	196.91
43224	62.34	8.70	-8.30	215.97	296.26	-1228.73	117.30	-379.94	169.07
43225	63.45	8.70	-8.30	245.11	294.81	-1281.14	107.71	-377.33	137.31
43226	64.56	8.70	-8.30	269.57	294.37	-1316.19	102.00	-363.67	104.72
43227	65.67	8.70	-8.30	289.12	294.80	-1335.56	99.48	-342.96	73.96
43228	66.78	8.70	-8.30	306.20	296.88	-1343.16	98.11	-319.97	47.19
43229	67.89	8.70	-8.30	322.44	300.25	-1343.40	96.77	-295.98	23.61
43230	69.00	8.70	-8.30	338.45	304.59	-1339.86	94.94	-270.36	3.14
43231	70.11	8.70	-8.30	354.53	309.76	-1334.91	92.07	-243.55	-14.19
43232	71.23	8.70	-8.30	370.35	315.19	-1330.01	88.17	-215.20	-29.10
43233	72.34	8.70	-8.30	385.28	320.52	-1325.92	83.30	-185.04	-41.90
43234	73.45	8.70	-8.30	398.57	325.43	-1322.93	77.60	-152.97	-52.80
43235	74.56	8.70	-8.30	409.46	329.65	-1321.17	71.21	-118.98	-61.86
43236	75.67	8.70	-8.30	417.26	332.95	-1320.75	64.25	-83.09	-68.88
43237	76.78	8.70	-8.30	421.47	335.12	-1321.93	56.88	-45.20	-73.56
43238	77.89	8.70	-8.30	421.92	336.49	-1324.83	49.47	-4.91	-72.67
43239	56.31	8.10	-2.70	277.83	-481.48	-808.43	-51.22	868.19	-556.10
43240	57.22	8.10	-2.70	175.00	-648.65	-724.58	-24.92	350.95	-451.70
43241	58.12	8.10	-2.70	102.61	-578.69	-747.56	21.15	65.43	-418.32
43242	59.03	8.10	-2.70	-6.19	-589.73	-868.90	91.01	-205.98	-338.26
43243	59.93	8.10	-2.70	-142.60	-764.63	-1239.53	256.92	-500.16	-5.16
43244	56.54	8.70	-2.70	-214.92	-733.87	-1699.01	-190.89	1101.49	57.40
43245	57.46	8.70	-2.70	-24.78	-724.64	-1412.07	-106.42	403.67	-88.79
43246	58.38	8.70	-2.70	-46.59	-646.38	-1375.91	16.80	84.62	-59.42
43247	59.29	8.70	-2.70	-123.19	-700.51	-1438.48	184.93	-217.08	48.06
43248	60.21	8.70	-2.70	-195.70	-861.93	-1654.51	355.29	-480.35	281.19
43249	56.31	8.10	-4.10	196.80	-198.26	-873.45	11.53	887.60	-339.73
43250	57.22	8.10	-4.10	73.83	-295.05	-803.54	-3.88	352.53	-44.11
43251	58.12	8.10	-4.10	32.28	-307.73	-790.44	66.32	46.90	-30.69
43252	59.03	8.10	-4.10	-21.67	-353.80	-922.93	151.24	-231.12	51.91
43253	59.93	8.10	-4.10	-18.53	-407.36	-1208.02	182.22	-427.12	164.86
43254	56.54	8.70	-4.10	55.74	-64.56	-1126.45	61.28	990.46	244.07
43255	57.46	8.70	-4.10	39.11	-142.13	-952.17	27.54	366.97	96.32
43256	58.38	8.70	-4.10	20.30	-198.24	-918.15	89.14	43.79	111.02
43257	59.29	8.70	-4.10	-20.35	-263.79	-1029.94	163.91	-227.24	178.82
43258	60.21	8.70	-4.10	-27.40	-355.58	-1286.90	173.55	-423.00	259.54
43259	56.31	8.10	-5.50	190.45	81.70	-833.84	41.76	893.70	-154.80
43260	57.22	8.10	-5.50	99.92	40.74	-807.92	79.73	343.04	143.47
43261	58.12	8.10	-5.50	54.20	-14.49	-825.53	114.65	27.49	141.37
43262	59.03	8.10	-5.50	35.39	-55.77	-935.18	134.92	-223.85	171.98
43263	59.93	8.10	-5.50	57.31	-87.21	-1133.22	125.10	-379.77	191.25

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]
43264	56.54	8.70	-5.50	184.94	128.30	-888.01	93.41	951.63	395.74
43265	57.46	8.70	-5.50	91.12	54.83	-853.99	88.88	340.29	253.24
43266	58.38	8.70	-5.50	42.64	-7.56	-858.86	122.76	20.21	241.50
43267	59.29	8.70	-5.50	25.35	-55.68	-965.17	139.07	-233.41	254.39
43268	60.21	8.70	-5.50	48.03	-91.96	-1170.82	124.07	-395.46	262.54
43269	56.31	8.10	-6.90	208.65	281.34	-848.07	59.88	887.86	-41.74
43270	57.22	8.10	-6.90	169.27	254.43	-858.39	154.20	312.71	233.43
43271	58.12	8.10	-6.90	102.48	179.02	-884.63	156.17	-0.83	199.01
43272	59.03	8.10	-6.90	80.96	143.74	-950.54	148.56	-210.07	199.16
43273	59.93	8.10	-6.90	105.46	120.16	-1080.61	129.52	-340.41	189.93
43274	56.54	8.70	-6.90	319.88	328.04	-843.68	144.79	941.40	470.86
43275	57.46	8.70	-6.90	168.81	247.71	-883.65	158.61	293.09	306.60
43276	58.38	8.70	-6.90	94.94	184.01	-896.93	160.55	-9.95	269.35
43277	59.29	8.70	-6.90	76.21	146.46	-970.12	148.25	-221.40	253.85
43278	60.21	8.70	-6.90	103.09	121.74	-1110.81	127.20	-354.30	239.09
43279	56.31	8.10	-8.30	368.29	488.71	-971.38	244.15	871.07	90.28
43280	57.22	8.10	-8.30	217.17	447.69	-969.31	238.63	217.71	253.27
43281	58.12	8.10	-8.30	120.60	351.62	-929.69	203.11	-43.38	204.46
43282	59.03	8.10	-8.30	109.38	322.91	-958.22	179.61	-197.94	197.01
43283	59.93	8.10	-8.30	140.61	305.32	-1042.88	154.01	-303.13	180.80
43284	56.54	8.70	-8.30	499.14	569.71	-969.84	282.64	881.78	527.06
43285	57.46	8.70	-8.30	218.34	418.37	-974.78	230.49	200.45	306.35
43286	58.38	8.70	-8.30	119.89	350.47	-936.96	202.47	-47.25	262.87
43287	59.29	8.70	-8.30	110.08	322.43	-975.69	175.67	-206.83	242.10
43288	60.21	8.70	-8.30	142.77	306.46	-1069.58	150.61	-314.91	222.50
43289	79.15	20.20	-2.70	-621.38	-2590.62	-2119.41	-166.90	106.31	1951.60
43290	80.55	20.10	-2.70	-655.19	-2563.82	-2118.21	-274.26	241.61	1938.36
43291	81.94	19.90	-2.70	-697.35	-2514.51	-2106.75	-376.58	373.72	1906.32
43292	83.31	19.62	-2.70	-747.03	-2444.38	-2085.43	-471.27	500.35	1856.74
43293	84.65	19.23	-2.70	-802.73	-2355.53	-2054.69	-555.87	619.18	1790.99
43294	85.97	18.76	-2.70	-862.56	-2250.58	-2015.03	-628.44	728.14	1710.81
43295	87.25	18.19	-2.70	-924.36	-2132.48	-1967.01	-687.57	825.53	1618.18
43296	88.49	17.54	-2.70	-985.89	-2004.30	-1911.26	-732.44	910.07	1515.24
43297	89.68	16.80	-2.70	-1044.93	-1869.23	-1848.65	-762.93	980.98	1404.33
43298	90.82	15.98	-2.70	-1099.04	-1728.93	-1778.48	-779.03	1037.21	1285.63
43299	91.89	15.08	-2.70	-1147.05	-1589.54	-1705.04	-782.20	1077.59	1167.75
43300	92.91	14.11	-2.70	-1190.35	-1453.20	-1632.63	-773.78	1107.91	1050.36
43301	93.85	13.08	-2.70	-1225.54	-1319.29	-1559.04	-754.82	1125.94	932.05
43302	94.72	11.98	-2.70	-1254.01	-1192.81	-1492.02	-727.28	1133.73	821.37
43303	95.51	10.82	-2.70	-1274.91	-1072.40	-1430.09	-691.49	1134.08	711.24
43304	96.21	9.62	-2.70	-1286.78	-958.95	-1366.96	-650.97	1124.26	607.23
43305	96.81	21.03	-2.70	-114.34	-875.62	-112.03	-81.05	20.15	429.77
43306	80.67	20.93	-2.70	-132.29	-865.65	-111.86	-109.97	51.21	426.95
43307	82.14	20.72	-2.70	-150.87	-851.06	-111.18	-137.61	81.79	419.86
43308	83.59	20.41	-2.70	-169.76	-832.06	-110.02	-163.71	111.23	408.75
43309	85.02	19.99	-2.70	-188.70	-808.97	-108.45	-187.97	138.97	394.03
43310	86.41	19.48	-2.70	-207.42	-782.17	-106.53	-210.11	164.53	376.09
43311	87.77	18.87	-2.70	-225.73	-752.09	-104.33	-229.89	187.49	355.39
43312	89.07	18.17	-2.70	-243.40	-719.20	-101.92	-247.16	207.57	332.40
43313	90.33	17.37	-2.70	-260.28	-683.73	-99.22	-261.84	224.51	307.35
43314	91.52	16.49	-2.70	-276.39	-646.54	-96.69	-273.84	238.02	281.45
43315	92.65	15.53	-2.70	-291.90	-608.21	-94.29	-283.35	248.60	255.03
43316	93.71	14.48	-2.70	-306.69	-568.69	-91.48	-290.40	256.09	228.08
43317	94.69	13.37	-2.70	-320.91	-528.78	-89.02	-295.07	260.81	201.68
43318	95.59	12.19	-2.70	-334.52	-488.03	-85.86	-297.60	262.93	175.32
43319	96.40	10.95	-2.70	-347.62	-446.31	-82.07	-297.88	262.60	149.65
43320	97.13	9.66	-2.70	-360.04	-402.76	-75.78	-295.49	259.66	122.76
43321	79.23	21.87	-2.70	-8.04	-237.56	-85.78	-40.76	7.91	138.97
43322	80.80	21.76	-2.70	-18.65	-234.88	-85.62	-36.73	16.35	138.12
43323	82.35	21.54	-2.70	-26.32	-234.47	-85.02	-32.89	24.90	136.07
43324	83.88	21.20	-2.70	-30.95	-236.01	-84.07	-29.96	33.37	132.90
43325	85.39	20.76	-2.70	-32.67	-239.09	-82.78	-28.53	41.52	128.72
43326	86.86	20.20	-2.70	-31.89	-243.21	-81.20	-29.02	49.14	123.66
43327	88.28	19.55	-2.70	-29.23	-247.82	-79.32	-31.71	56.06	117.82
43328	89.65	18.79	-2.70	-25.40	-252.30	-77.15	-36.74	62.17	111.29
43329	90.97	17.94	-2.70	-21.19	-256.10	-74.76	-44.07	67.35	104.27
43330	92.22	17.00	-2.70	-17.35	-258.69	-72.16	-53.57	71.62	96.91
43331	93.40	15.97	-2.70	-14.59	-259.56	-69.38	-64.93	74.97	89.25
43332	94.51	14.85	-2.70	-13.50	-258.33	-66.57	-77.75	77.42	81.49
43333	95.53	13.67	-2.70	-14.52	-254.56	-63.64	-91.62	79.00	73.65
43334	96.46	12.41	-2.70	-18.01	-247.83	-60.72	-105.94	79.81	65.80
43335	97.30	11.08	-2.70	-23.97	-237.58	-57.47	-120.15	79.93	57.57
43336	98.05	9.70	-2.70	-31.45	-222.79	-53.44	-133.19	78.95	47.54
43337	79.28	22.71	-2.70	52.56	-20.79	-34.16	-20.47	2.53	14.10
43338	80.92	22.59	-2.70	44.84	-20.49	-34.00	-11.23	0.70	14.19
43339	82.56	22.35	-2.70	39.72	-23.43	-33.65	-2.23	-0.69	14.47
43340	84.17	21.99	-2.70	37.47	-29.29	-33.21	5.76	-1.65	14.90
43341	85.75	21.52	-2.70	38.06	-37.60	-32.69	12.09	-2.29	15.47
43342	87.30	20.93	-2.70	41.09	-47.81	-32.10	16.25	-2.71	16.17
43343	88.80	20.23	-2.70	45.93	-59.32	-31.43	17.87	-2.96	16.98
43344	90.24	19.42	-2.70	51.80	-71.47	-30.66	16.79	-3.09	17.88
43345	91.62	18.52	-2.70	57.92	-83.62	-29.80	12.98	-3.08	18.84
43346	92.93	17.51	-2.70	63.56	-95.14	-28.86	6.58	-2.93	19.82
43347	94.16	16.41	-2.70	68.03	-105.47	-27.84	-2.15	-2.64	20.80
43348	95.31	15.22	-2.70	70.77	-114.11	-26.72	-12.81	-2.19	21.71
43349	96.37	13.96	-2.70	71.31	-120.61	-25.52	-24.95	-1.57	22.51
43350	97.34	12.62	-2.70	69.39	-124.53	-24.18	-38.06	-0.77	23.05
43351	98.20	11.21	-2.70	65.14	-125.20	-22.47	-51.61	0.14	22.87
43352	98.96	9.75	-2.70	59.40	-121.99	-20.34	-65.08	1.37	21.12
43353	79.32	23.55	-2.70	75.07	8.91	6.85	-8.32	1.92	-28.71
43354	81.05	23.42	-2.70	68.34	9.20	7.00	-7.05	-5.64	-28.12
43355	82.77	23.17	-2.70	61.84	8.33	7.14	-5.24	-12.49	-26.53
43356	84.46	22.78	-2.70	56.16	6.32	7.20	-3.16	-18.53	-24.09
43357	86.12	22.28	-2.70	51.65	3.24	7.16	-1.12	-23.80	-20.92
43358	87.74	21.65	-2.70	48.35	-0.79	7.05	0.57	-28.33	-17.12
43359	89.31	20.91	-2.70	46.08	-5.62	6.87	1.70	-32.16	-12.77
43360	90.82	20.05	-2.70	44.58	-11.06	6.65	2.12	-35.24	-7.98
43361	92.26	19.09	-2.70	43.55	-16.92	6.41	1.75	-37.55	-2.87
43362	93.63	18.02	-2.70	42.72	-22.99	6.16	0.54	-39.05	2.43

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]
43363	94.92	16.85	-2.70	41.83	-29.10	5.91	-1.46	-39.74	7.79
43364	96.11	15.59	-2.70	40.66	-35.07	5.66	-4.21	-39.62	13.08
43365	97.21	14.25	-2.70	39.01	-40.72	5.44	-7.60	-38.69	18.12
43366	98.21	12.83	-2.70	36.79	-45.78	5.29	-11.56	-36.96	22.68
43367	99.10	11.34	-2.70	34.01	-49.83	5.39	-16.03	-34.54	26.37
43368	99.88	9.79	-2.70	31.39	-52.50	5.51	-21.07	-32.01	28.80
43369	79.15	20.20	-4.10	-143.44	-857.12	-2166.00	-71.68	85.76	1610.74
43370	80.55	20.10	-4.10	-160.72	-846.43	-2164.74	-108.86	202.36	1599.88
43371	81.94	19.90	-4.10	-181.21	-829.62	-2153.72	-144.01	316.57	1574.24
43372	83.31	19.62	-4.10	-204.43	-807.15	-2133.51	-176.52	426.61	1534.82
43373	84.65	19.23	-4.10	-229.86	-779.51	-2104.69	-205.75	530.70	1482.67
43374	85.97	18.76	-4.10	-256.88	-747.30	-2067.86	-231.09	627.21	1419.01
43375	87.25	18.19	-4.10	-284.77	-711.20	-2023.66	-252.06	714.76	1345.24
43376	88.49	17.54	-4.10	-312.77	-671.94	-1972.84	-268.34	792.25	1262.84
43377	89.68	16.80	-4.10	-340.17	-630.18	-1915.96	-279.73	858.89	1173.19
43378	90.82	15.98	-4.10	-366.27	-586.88	-1853.60	-285.96	913.49	1077.46
43379	91.89	15.08	-4.10	-389.68	-542.97	-1787.85	-287.31	954.95	979.62
43380	92.91	14.11	-4.10	-410.04	-498.11	-1720.17	-283.90	985.51	879.43
43381	93.85	13.08	-4.10	-426.81	-453.27	-1650.16	-275.74	1004.19	777.07
43382	94.72	11.98	-4.10	-437.99	-408.72	-1577.90	-262.38	1009.50	674.45
43383	95.51	10.82	-4.10	-442.42	-366.92	-1503.59	-245.54	1002.22	573.66
43384	96.21	9.62	-4.10	-439.78	-328.77	-1429.24	-226.58	983.70	478.20
43385	79.19	21.03	-4.10	-10.33	-989.09	-919.81	-72.55	56.83	1173.82
43386	80.67	20.93	-4.10	-29.50	-975.99	-918.93	-129.44	140.42	1166.22
43387	82.14	20.72	-4.10	-55.08	-952.36	-913.74	-183.44	222.68	1147.41
43388	83.59	20.41	-4.10	-86.25	-919.08	-904.46	-233.13	302.05	1118.07
43389	85.02	19.99	-4.10	-121.99	-877.20	-891.41	-277.22	377.04	1079.08
43390	86.41	19.48	-4.10	-161.11	-828.04	-874.84	-314.63	446.31	1031.42
43391	87.77	18.87	-4.10	-202.35	-773.04	-855.04	-344.57	508.75	976.15
43392	89.07	18.17	-4.10	-244.37	-713.71	-832.26	-366.53	563.47	914.41
43393	90.33	17.37	-4.10	-285.85	-651.66	-806.76	-380.28	609.71	847.34
43394	91.52	16.49	-4.10	-325.32	-588.60	-779.10	-385.84	646.82	776.64
43395	92.65	15.53	-4.10	-361.55	-526.31	-750.15	-384.01	675.14	703.94
43396	93.71	14.48	-4.10	-394.13	-465.64	-720.44	-375.46	695.07	630.23
43397	94.69	13.37	-4.10	-421.99	-407.56	-690.31	-360.64	706.63	556.51
43398	95.59	12.19	-4.10	-444.47	-353.37	-660.42	-340.76	710.47	484.03
43399	96.40	10.95	-4.10	-461.09	-303.50	-630.17	-316.65	707.15	413.32
43400	97.13	9.66	-4.10	-472.61	-259.89	-600.21	-290.46	697.82	346.74
43401	79.23	21.87	-4.10	115.56	-536.10	-329.33	-47.07	26.38	518.36
43402	80.80	21.76	-4.10	101.23	-527.60	-328.64	-83.62	60.38	515.11
43403	82.35	21.54	-4.10	82.35	-512.90	-326.38	-118.23	94.38	507.17
43404	83.88	21.20	-4.10	59.68	-492.50	-322.80	-150.00	127.67	494.83
43405	85.39	20.76	-4.10	34.02	-467.10	-318.08	-178.14	159.45	478.48
43406	86.86	20.20	-4.10	6.15	-437.55	-312.29	-201.98	189.00	458.56
43407	88.28	19.55	-4.10	-23.10	-404.74	-305.44	-221.05	215.75	435.49
43408	89.65	18.79	-4.10	-52.92	-369.65	-297.60	-235.04	239.25	409.72
43409	90.97	17.94	-4.10	-82.45	-333.30	-288.87	-243.85	259.16	381.80
43410	92.22	17.00	-4.10	-110.82	-296.78	-279.44	-247.68	275.35	352.38
43411	93.40	15.97	-4.10	-137.46	-260.91	-269.42	-246.92	287.86	321.96
43412	94.51	14.85	-4.10	-161.83	-226.32	-258.88	-241.96	296.70	290.99
43413	95.53	13.67	-4.10	-183.50	-193.62	-247.94	-233.32	302.03	259.91
43414	96.46	12.41	-4.10	-202.11	-163.16	-236.42	-221.51	304.05	228.95
43415	97.30	11.08	-4.10	-217.45	-135.51	-223.95	-207.21	303.06	198.33
43416	98.05	9.70	-4.10	-230.00	-111.51	-210.67	-191.02	298.86	168.70
43417	79.28	22.71	-4.10	170.73	-217.90	-190.31	-26.91	13.22	188.19
43418	80.92	22.59	-4.10	160.44	-213.05	-189.52	-48.17	19.62	187.34
43419	82.56	22.35	-4.10	147.02	-205.08	-187.74	-68.10	26.91	185.48
43420	84.17	21.99	-4.10	131.16	-194.29	-185.32	-86.21	34.85	182.62
43421	85.75	21.52	-4.10	113.50	-181.11	-182.42	-102.08	42.99	178.85
43422	87.30	20.93	-4.10	94.56	-166.02	-179.05	-115.37	50.90	174.26
43423	88.80	20.23	-4.10	74.81	-149.54	-175.13	-125.83	58.31	168.92
43424	90.24	19.42	-4.10	54.75	-132.24	-170.65	-133.35	65.04	162.92
43425	91.62	18.52	-4.10	34.86	-114.69	-165.64	-137.95	71.00	156.37
43426	92.93	17.51	-4.10	15.60	-97.41	-160.12	-139.78	76.15	149.38
43427	94.16	16.41	-4.10	-2.69	-80.82	-154.14	-139.07	80.48	142.03
43428	95.31	15.22	-4.10	-19.74	-65.28	-147.75	-136.08	84.00	134.38
43429	96.37	13.96	-4.10	-35.33	-51.04	-140.91	-131.09	86.77	126.44
43430	97.34	12.62	-4.10	-49.31	-38.27	-133.58	-124.40	88.88	118.07
43431	98.20	11.21	-4.10	-61.51	-27.26	-125.36	-116.33	90.29	109.03
43432	98.96	9.75	-4.10	-71.94	-18.76	-117.24	-106.94	90.93	100.02
43433	79.32	23.55	-4.10	214.31	-46.74	-23.55	-13.64	8.70	19.68
43434	81.05	23.42	-4.10	206.55	-43.67	-22.78	-30.49	-2.44	20.38
43435	82.77	23.17	-4.10	195.41	-38.29	-21.77	-46.00	-12.01	22.52
43436	84.46	22.78	-4.10	181.65	-30.90	-20.89	-59.70	-19.92	25.82
43437	86.12	22.28	-4.10	165.92	-21.92	-20.24	-71.23	-26.38	30.11
43438	87.74	21.65	-4.10	148.79	-11.81	-19.78	-80.32	-31.62	35.22
43439	89.31	20.91	-4.10	130.78	-1.07	-19.39	-86.84	-35.75	41.02
43440	90.82	20.05	-4.10	112.38	9.79	-18.98	-90.74	-38.77	47.35
43441	92.26	19.09	-4.10	94.11	20.28	-18.50	-92.09	-40.67	54.03
43442	93.63	18.02	-4.10	76.43	29.96	-17.94	-91.09	-41.41	60.88
43443	94.92	16.85	-4.10	59.73	38.47	-17.27	-87.99	-40.99	67.69
43444	96.11	15.59	-4.10	44.32	45.49	-16.43	-83.09	-39.41	74.24
43445	97.21	14.25	-4.10	30.40	50.78	-15.36	-76.73	-36.66	80.24
43446	98.21	12.83	-4.10	18.13	54.17	-13.92	-69.21	-32.79	85.28
43447	99.10	11.34	-4.10	7.63	55.38	-11.93	-60.84	-27.99	89.12
43448	99.88	9.79	-4.10	-0.89	53.75	-10.79	-52.06	-23.13	92.69
43449	79.15	20.20	-5.50	87.65	-374.47	-2031.72	-40.12	68.29	1329.14
43450	80.55	20.10	-5.50	75.33	-367.00	-2030.30	-67.01	166.04	1320.09
43451	81.94	19.90	-5.50	59.66	-355.32	-2020.17	-92.26	262.01	1298.97
43452	83.31	19.62	-5.50	41.12	-339.82	-2001.89	-115.30	354.68	1266.50
43453	84.65	19.23	-5.50	20.25	-320.97	-1975.96	-135.55	442.54	1223.51
43454	85.97	18.76	-5.50	-2.34	-299.32	-1942.88	-152.50	524.15	1170.95
43455	87.25	18.19	-5.50	-26.01	-275.47	-1903.19	-165.77	598.31	1109.88
43456	88.49	17.54	-5.50	-50.06	-250.07	-1857.42	-175.12	664.03	1041.41
43457	89.68	16.80	-5.50	-73.83	-223.81	-1806.11	-180.45	720.48	966.70
43458	90.82	15.98	-5.50	-96.51	-197.23	-1749.83	-181.69	766.73	886.82
43459	91.89	15.08	-5.50	-117.26	-171.39	-1689.84	-179.40	802.13	804.38
43460	92.91	14.11	-5.50	-136.14	-146.15	-1626.97	-173.82	827.81	719.74
43461	93.85	13.08	-5.50	-152.40	-121.87	-1561.11	-165.02	843.23	633.37



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]
43462	94.72	11.98	-5.50	-165.63	-99.73	-1492.76	-153.19	847.79	546.90
43463	95.51	10.82	-5.50	-174.96	-80.38	-1422.46	-139.29	841.87	462.73
43464	96.21	9.62	-5.50	-179.85	-63.44	-1350.54	-124.28	826.46	381.72
43465	79.19	21.03	-5.50	164.93	-489.16	-1272.02	-43.52	56.33	1172.02
43466	80.67	20.93	-5.50	150.93	-479.90	-1270.65	-85.09	139.81	1164.44
43467	82.14	20.72	-5.50	131.04	-463.46	-1263.66	-124.43	222.23	1145.93
43468	83.59	20.41	-5.50	106.04	-440.58	-1251.49	-160.43	302.06	1117.22
43469	85.02	19.99	-5.50	76.82	-412.09	-1234.52	-192.05	377.80	1079.15
43470	86.41	19.48	-5.50	44.32	-378.99	-1213.05	-218.42	448.05	1032.60
43471	87.77	18.87	-5.50	9.60	-342.37	-1187.34	-238.91	511.68	978.54
43472	89.07	18.17	-5.50	-26.22	-303.39	-1157.70	-253.14	567.76	918.00
43473	90.33	17.37	-5.50	-61.99	-263.21	-1124.48	-260.95	615.50	852.10
43474	91.52	16.49	-5.50	-96.46	-223.15	-1088.28	-262.48	654.29	782.29
43475	92.65	15.53	-5.50	-128.55	-184.17	-1049.76	-258.27	684.12	709.84
43476	93.71	14.48	-5.50	-157.56	-146.86	-1009.40	-248.77	705.00	635.73
43477	94.69	13.37	-5.50	-182.70	-112.12	-967.53	-234.41	716.90	560.96
43478	95.59	12.19	-5.50	-203.03	-80.69	-924.22	-215.93	719.89	486.72
43479	96.40	10.95	-5.50	-218.14	-53.45	-879.79	-194.41	714.56	414.42
43480	97.13	9.66	-5.50	-227.82	-30.18	-834.62	-171.19	701.97	345.03
43481	79.23	21.87	-5.50	230.43	-423.46	-727.48	-37.73	38.04	768.66
43482	80.80	21.76	-5.50	217.16	-414.69	-725.89	-80.81	88.68	763.78
43483	82.35	21.54	-5.50	197.23	-398.39	-720.92	-121.66	139.38	751.96
43484	83.88	21.20	-5.50	171.60	-375.28	-713.13	-159.00	189.06	733.70
43485	85.39	20.76	-5.50	141.26	-346.32	-702.85	-191.64	236.48	709.58
43486	86.86	20.20	-5.50	107.27	-312.63	-690.19	-218.63	280.57	680.17
43487	88.28	19.55	-5.50	70.73	-275.42	-675.19	-239.29	320.49	646.06
43488	89.65	18.79	-5.50	32.88	-236.00	-657.92	-253.26	355.61	607.90
43489	90.97	17.94	-5.50	-4.97	-195.72	-638.60	-260.42	385.44	566.45
43490	92.22	17.00	-5.50	-41.55	-155.88	-617.51	-261.07	409.70	522.54
43491	93.40	15.97	-5.50	-75.83	-117.58	-594.97	-255.71	428.32	476.98
43492	94.51	14.85	-5.50	-106.99	-81.69	-571.23	-244.96	441.31	430.46
43493	95.53	13.67	-5.50	-134.28	-49.01	-546.42	-229.47	448.76	383.65
43494	96.46	12.41	-5.50	-157.14	-20.31	-520.60	-210.06	450.96	337.20
43495	97.30	11.08	-5.50	-175.28	3.81	-493.86	-187.69	448.32	291.80
43496	98.05	9.70	-5.50	-189.07	23.34	-466.31	-163.60	441.44	247.87
43497	79.28	22.71	-5.50	284.25	-214.98	-438.14	-26.01	23.29	385.40
43498	80.92	22.59	-5.50	273.54	-208.53	-436.20	-59.97	41.29	383.28
43499	82.56	22.35	-5.50	256.86	-196.46	-432.03	-92.07	60.53	378.47
43500	84.17	21.99	-5.50	235.22	-179.32	-426.47	-121.26	80.38	371.16
43501	85.75	21.52	-5.50	209.52	-157.91	-419.84	-146.56	99.97	361.59
43502	87.30	20.93	-5.50	180.61	-133.14	-412.09	-167.20	118.54	349.94
43503	88.80	20.23	-5.50	149.42	-106.05	-403.08	-182.66	135.60	336.43
43504	90.24	19.42	-5.50	117.00	-77.69	-392.75	-192.67	150.85	321.27
43505	91.62	18.52	-5.50	84.46	-49.15	-381.15	-197.26	164.09	304.74
43506	92.93	17.51	-5.50	52.81	-21.44	-368.40	-196.69	175.18	287.14
43507	94.16	16.41	-5.50	22.92	4.61	-354.59	-191.41	184.09	268.73
43508	95.31	15.22	-5.50	-4.52	28.28	-339.77	-181.94	190.78	249.77
43509	96.37	13.96	-5.50	-28.97	48.96	-323.95	-168.87	195.34	230.44
43510	97.34	12.62	-5.50	-50.02	66.08	-307.05	-152.83	197.90	210.82
43511	98.20	11.21	-5.50	-67.49	79.13	-289.25	-134.54	198.58	191.16
43512	98.96	9.75	-5.50	-81.58	88.24	-270.86	-114.67	197.50	171.37
43513	79.32	23.55	-5.50	333.66	-52.96	-177.42	-16.88	15.16	112.04
43514	81.05	23.42	-5.50	325.21	-48.26	-175.33	-44.95	7.11	112.27
43515	82.77	23.17	-5.50	311.06	-39.29	-172.13	-71.27	1.25	113.40
43516	84.46	22.78	-5.50	292.20	-26.50	-168.74	-94.95	-2.57	115.19
43517	86.12	22.28	-5.50	269.46	-10.55	-165.49	-115.20	-4.94	117.48
43518	87.74	21.65	-5.50	243.59	7.77	-162.20	-131.43	-6.30	120.18
43519	89.31	20.91	-5.50	215.45	27.58	-158.62	-143.20	-6.86	123.20
43520	90.82	20.05	-5.50	186.00	47.99	-154.58	-150.35	-6.68	126.40
43521	92.26	19.09	-5.50	156.23	68.09	-150.00	-152.91	-5.76	129.69
43522	93.63	18.02	-5.50	127.09	87.09	-144.89	-151.16	-4.11	132.91
43523	94.92	16.85	-5.50	99.36	104.29	-139.21	-145.48	-1.73	135.95
43524	96.11	15.59	-5.50	73.69	119.08	-132.89	-136.36	1.36	138.64
43525	97.21	14.25	-5.50	50.55	130.90	-125.82	-124.32	5.18	140.71
43526	98.21	12.83	-5.50	30.31	139.22	-117.89	-109.91	9.73	141.87
43527	99.10	11.34	-5.50	13.14	143.59	-109.44	-93.80	14.88	142.04
43528	99.88	9.79	-5.50	-0.49	144.12	-101.50	-76.64	19.85	141.16
43529	79.15	20.20	-6.90	261.29	-67.95	-1899.49	-19.94	55.87	1148.60
43530	80.55	20.10	-6.90	252.29	-62.40	-1897.87	-42.46	140.42	1140.84
43531	81.94	19.90	-6.90	239.46	-53.66	-1888.64	-63.67	223.68	1122.81
43532	83.31	19.62	-6.90	223.29	-42.11	-1872.22	-82.97	304.27	1095.08
43533	84.65	19.23	-6.90	204.31	-28.23	-1849.01	-99.78	380.84	1058.37
43534	85.97	18.76	-6.90	183.07	-12.54	-1819.40	-113.59	452.13	1013.43
43535	87.25	18.19	-6.90	160.18	4.40	-1783.76	-124.02	517.05	961.13
43536	88.49	17.54	-6.90	136.30	21.99	-1742.49	-130.87	574.72	902.37
43537	89.68	16.80	-6.90	112.12	39.62	-1696.06	-134.06	624.40	838.12
43538	90.82	15.98	-6.90	88.43	56.83	-1644.99	-133.57	665.34	769.27
43539	91.89	15.08	-6.90	66.07	72.61	-1590.16	-129.94	696.99	697.81
43540	92.91	14.11	-6.90	45.02	87.24	-1532.24	-123.42	720.02	624.27
43541	93.85	13.08	-6.90	25.96	100.34	-1471.38	-114.14	734.06	549.29
43542	94.72	11.98	-6.90	9.42	111.17	-1407.92	-102.13	738.53	473.93
43543	95.51	10.82	-6.90	-3.78	119.29	-1342.15	-88.32	733.67	400.56
43544	96.21	9.62	-6.90	-13.58	124.48	-1274.40	-73.59	720.67	329.95
43545	79.19	21.03	-6.90	303.30	-186.22	-1422.47	-25.19	50.42	1075.16
43546	80.67	20.93	-6.90	292.63	-178.99	-1420.56	-59.69	126.31	1068.12
43547	82.14	20.72	-6.90	276.12	-166.07	-1412.62	-92.43	201.53	1051.22
43548	83.59	20.41	-6.90	254.52	-148.17	-1399.24	-122.36	274.65	1025.22
43549	85.02	19.99	-6.90	228.62	-126.09	-1380.82	-148.47	344.17	990.88
43550	86.41	19.48	-6.90	199.27	-100.70	-1357.58	-169.92	408.79	948.95
43551	87.77	18.87	-6.90	167.40	-72.94	-1329.73	-186.13	467.43	900.24
43552	89.07	18.17	-6.90	134.05	-43.81	-1297.53	-196.77	519.25	845.61
43553	90.33	17.37	-6.90	100.33	-14.35	-1261.35	-201.74	563.53	786.01
43554	91.52	16.49	-6.90	67.41	14.36	-1221.72	-201.22	599.73	722.63
43555	92.65	15.53	-6.90	36.27	41.48	-1179.23	-195.72	627.67	656.52
43556	93.71	14.48	-6.90	7.57	66.49	-1134.31	-185.72	647.24	588.61
43557	94.69	13.37	-6.90	-17.97	88.69	-1087.25	-171.61	658.28	519.85
43558	95.59	12.19	-6.90	-39.71	107.39	-1038.27	-154.07	660.90	451.57
43559	96.40	10.95	-6.90	-57.20	122.17	-987.63	-133.96	655.64	384.89
43560	97.13	9.66	-6.90	-70.29	132.77	-935.56	-112.34	643.38	320.80

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]
43561	79.23	21.87	-6.90	343.45	-205.16	-1010.75	-25.51	39.80	821.19
43562	80.80	21.76	-6.90	332.44	-197.60	-1008.08	-64.87	92.97	815.76
43563	82.35	21.54	-6.90	314.44	-183.33	-1000.88	-102.41	146.65	803.04
43564	83.88	21.20	-6.90	290.52	-163.14	-990.11	-136.78	199.47	783.75
43565	85.39	20.76	-6.90	261.60	-138.00	-976.17	-166.71	249.98	758.50
43566	86.86	20.20	-6.90	228.60	-108.94	-959.06	-191.19	296.98	727.80
43567	88.28	19.55	-6.90	192.58	-77.11	-938.74	-209.54	339.62	692.20
43568	89.65	18.79	-6.90	154.78	-43.73	-915.31	-221.41	377.25	652.32
43569	90.97	17.94	-6.90	116.55	-10.06	-888.99	-226.75	409.37	608.88
43570	92.22	17.00	-6.90	79.20	22.67	-860.11	-225.84	435.64	562.67
43571	93.40	15.97	-6.90	43.82	53.49	-829.04	-219.19	455.86	514.47
43572	94.51	14.85	-6.90	11.30	81.59	-796.02	-207.40	469.92	465.02
43573	95.53	13.67	-6.90	-17.62	106.21	-761.23	-191.09	477.80	415.12
43574	96.46	12.41	-6.90	-42.33	126.63	-724.77	-171.02	479.72	365.53
43575	97.30	11.08	-6.90	-62.50	142.37	-686.88	-148.09	476.18	316.98
43576	98.05	9.70	-6.90	-78.19	153.21	-647.89	-123.36	467.85	270.05
43577	98.72	8.27	-6.90	-90.28	159.52	-608.90	-98.81	459.72	225.12
43578	99.30	6.80	-6.90	-107.70	161.21	-570.01	-74.49	451.80	182.20
43579	99.79	5.29	-6.90	-129.45	158.26	-532.32	-51.21	444.15	141.50
43580	100.19	3.74	-6.90	-155.54	150.65	-496.03	-28.59	436.83	103.24
43581	100.51	2.16	-6.90	-185.96	138.38	-461.44	-7.15	429.99	68.72
43582	100.75	0.56	-6.90	-219.70	121.06	-428.56	13.81	423.67	38.14
43583	100.91	-1.07	-6.90	-256.75	98.78	-397.51	28.95	417.91	12.70
43584	100.99	-1.74	-6.90	-296.92	71.63	-368.41	43.17	412.65	-12.70
43585	100.99	-2.42	-6.90	-340.20	40.65	-341.36	56.00	407.91	-27.26
43586	100.91	-3.10	-6.90	-386.58	5.96	-316.45	67.91	403.60	-41.50
43587	100.75	-3.77	-6.90	-436.05	-13.74	-293.76	78.41	399.76	-55.44
43588	100.51	-4.42	-6.90	-488.62	-27.99	-273.35	88.11	396.41	-68.88
43589	100.21	-5.05	-6.90	-544.29	-38.71	-254.32	96.51	393.50	-81.88
43590	99.86	-5.65	-6.90	-603.06	-46.00	-236.65	103.11	391.00	-94.32
43591	99.47	-6.22	-6.90	-663.94	-50.00	-220.42	108.41	388.80	-106.16
43592	99.04	-6.75	-6.90	-726.92	-49.67	-205.61	112.01	386.80	-117.32
43593	98.57	-7.25	-6.90	-791.99	-45.00	-192.18	114.51	385.00	-127.72
43594	98.07	-7.71	-6.90	-859.14	-36.00	-180.13	115.51	383.30	-137.28
43595	97.54	-8.14	-6.90	-928.36	-22.67	-169.45	115.51	381.70	-146.00
43596	96.98	-8.54	-6.90	-1000.64	-5.00	-160.15	114.01	380.10	-153.88
43597	96.39	-8.91	-6.90	-1075.96	7.33	-152.24	111.51	378.50	-160.92
43598	95.77	-9.25	-6.90	-1154.32	15.66	-145.73	108.01	376.80	-167.12
43599	95.12	-9.56	-6.90	-1235.72	20.00	-140.62	103.51	375.00	-172.48
43600	94.44	-9.84	-6.90	-1320.16	21.33	-137.81	98.01	373.10	-176.92
43601	93.73	-10.09	-6.90	-1407.64	19.66	-136.30	91.51	371.00	-180.44
43602	93.00	-10.31	-6.90	-1500.16	15.00	-136.20	84.01	368.50	-183.04
43603	92.25	-10.50	-6.90	-1598.72	8.33	-137.50	75.51	365.50	-184.72
43604	91.48	-10.66	-6.90	-1703.32	0.66	-140.19	66.01	362.00	-185.48
43605	90.69	-10.79	-6.90	-1813.96	-11.00	-144.18	55.51	357.00	-185.24
43606	89.88	-10.89	-6.90	-1930.64	-22.33	-149.47	44.01	350.50	-184.00
43607	89.05	-10.96	-6.90	-2053.36	-33.66	-156.06	31.51	342.50	-181.76
43608	88.19	-11.00	-6.90	-2182.04	-45.00	-163.95	18.01	333.00	-178.52
43609	87.30	-11.01	-6.90	-2316.68	-56.33	-173.14	4.51	321.50	-173.28
43610	86.39	-11.00	-6.90	-2457.28	-67.66	-183.63	-9.01	308.00	-166.04
43611	85.46	-10.96	-6.90	-2603.84	-79.00	-195.42	-18.51	292.50	-155.80
43612	84.51	-10.89	-6.90	-2756.36	-90.33	-208.51	-28.01	275.00	-142.56
43613	83.54	-10.79	-6.90	-2914.84	-101.66	-222.90	-37.51	255.50	-127.32
43614	82.55	-10.66	-6.90	-3079.28	-113.00	-238.59	-47.01	233.00	-110.08
43615	81.54	-10.50	-6.90	-3249.68	-124.33	-255.58	-56.51	207.50	-90.84
43616	80.51	-10.31	-6.90	-3426.04	-135.66	-273.87	-66.01	179.00	-69.60
43617	79.46	-10.09	-6.90	-3608.36	-147.00	-293.46	-75.51	147.50	-46.36
43618	78.39	-9.84	-6.90	-3796.64	-158.33	-314.25	-85.01	113.00	-21.12
43619	77.30	-9.56	-6.90	-3990.88	-169.66	-336.24	-94.51	76.50	4.12
43620	76.19	-9.25	-6.90	-4191.08	-181.00	-359.43	-104.01	28.00	29.16
43621	75.06	-8.91	-6.90	-4397.24	-192.33	-383.82	-113.51	-11.50	58.60
43622	73.91	-8.54	-6.90	-4609.36	-203.66	-409.41	-123.01	-33.00	108.04
43623	72.74	-8.14	-6.90	-4827.44	-215.00	-436.20	-132.51	-54.50	157.48
43624	71.55	-7.71	-6.90	-5051.56	-226.33	-464.19	-142.01	-76.00	206.92
43625	70.34	-7.25	-6.90	-5281.72	-237.66	-493.38	-151.51	-97.50	256.36
43626	69.11	-6.75	-6.90	-5527.92	-249.00	-523.77	-161.01	-119.00	305.80
43627	67.86	-6.22	-6.90	-5789.16	-260.33	-555.36	-170.51	-140.50	355.24
43628	66.59	-5.65	-6.90	-6065.44	-271.66	-588.15	-181.01	-162.00	404.68
43629	65.30	-5.05	-6.90	-6356.76	-283.00	-622.14	-191.51	-183.50	454.12
43630	64.00	-4.42	-6.90	-6663.04	-294.33	-657.43	-202.01	-205.00	503.56
43631	62.69	-3.77	-6.90	-6984.28	-305.66	-694.02	-212.51	-226.50	553.00
43632	61.36	-3.10	-6.90	-7320.48	-317.00	-731.91	-223.01	-248.00	602.44
43633	60.01	-2.42	-6.90	-7671.64	-328.33	-771.10	-233.51	-269.50	651.88
43634	58.64	-1.74	-6.90	-8037.76	-340.00	-811.69	-244.01	-291.00	701.32
43635	57.25	-1.07	-6.90	-8418.84	-351.66	-853.68	-254.51	-312.50	750.76
43636	55.84	-0.42	-6.90	-8814.88	-363.33	-900.07	-265.01	-334.00	800.20
43637	54.41	0.25	-6.90	-9225.88	-375.00	-948.86	-275.51	-355.50	849.64
43638	52.96	0.88	-6.90	-9651.84	-386.66	-1000.05	-286.01	-377.00	899.08
43639	51.49	1.50	-6.90	-10092.76	-398.33	-1053.64	-296.51	-398.50	948.52
43640	50.00	2.11	-6.90	-10548.72	-410.00	-1109.63	-307.01	-419.00	997.96
43641	48.49	2.71	-6.90	-11019.72	-421.66	-1168.02	-317.51	-439.50	1047.40
43642	46.96	3.30	-6.90	-11505.76	-433.33	-1228.81	-328.01	-459.00	1096.84
43643	45.41	3.88	-6.90	-12006.84	-445.00	-1292.00	-338.51	-478.50	1146.28
43644	43.84	4.45	-6.90	-12522.96	-456.66	-1357.59	-349.01	-498.00	1195.72
43645	42.25	5.00	-6.90	-13054.12	-468.33	-1425.58	-359.51	-517.50	1245.16
43646	40.64	5.54	-6.90	-13600.32	-480.00	-1496.07	-370.01	-537.00	1294.60
43647	39.01	6.07	-6.90	-14161.56	-491.66	-1569.16	-380.51	-556.50	1344.04
43648	37.36	6.58	-6.90	-14737.84	-503.33	-1644.85	-391.01	-576.00	1393.48
43649	35.69	7.08	-6.90	-15329.16	-515.00	-1723.14	-401.51	-595.50	1442.92
43650	34.00	7.56	-6.90	-15935.52	-526.66	-1804.03	-412.01	-615.00	1492.36
43651	32.29	8.03	-6.90	-16556.84	-538.33	-1887.52	-422.51	-634.50	1541.80
43652	30.56	8.48	-6.90	-17193.12	-550.00	-1973.61	-433.01	-654.00	1591.24
43653	28.81	8.91	-6.90	-17844.36	-561.66	-2062.30	-443.51	-673.50	1640.68
43654	27.04	9.32	-6.90	-18510.56	-573.33	-2153.69	-454.01	-693.00	1690.12
43655	25.25	9.71	-6.90	-19191.72	-585.00	-2247.78	-464.51	-712.50	1739.56
43656	23.44	10.09	-6.90	-19887.84	-596.66	-2344.57	-475.01	-732.00	1789.00
43657	21.61	10.45	-6.90	-20598.92	-608.33	-2444.06	-485.51	-751.50	1838.44
43658	19.76	10.79	-6.90	-21325.04	-620.00	-2546.25	-496.01	-771.00	1887.88
43659	17.89	11.11	-6.90	-22066.20	-631.66	-2651.14	-506.51	-790.50	1937.32

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]
43660	84.17	21.99	-8.30	410.61	-7.40	-948.65	-128.00	111.49	508.13
43661	85.75	21.52	-8.30	381.97	15.92	-934.42	-157.88	139.90	494.46
43662	87.30	20.93	-8.30	348.44	42.83	-917.73	-182.10	166.36	478.10
43663	88.80	20.23	-8.30	311.09	72.18	-898.09	-200.02	190.50	459.18
43664	90.24	19.42	-8.30	271.31	102.75	-875.42	-211.32	212.05	437.92
43665	91.62	18.52	-8.30	230.61	133.23	-849.83	-215.98	230.77	414.65
43666	92.93	17.51	-8.30	190.40	162.45	-821.52	-214.34	246.43	389.72
43667	94.16	16.41	-8.30	151.88	189.40	-790.69	-206.95	258.80	363.53
43668	95.31	15.22	-8.30	115.95	213.27	-757.45	-194.43	267.71	336.54
43669	96.37	13.96	-8.30	83.34	233.24	-721.78	-177.43	273.11	309.23
43670	97.34	12.62	-8.30	54.63	248.52	-683.72	-156.62	275.22	281.92
43671	98.20	11.21	-8.30	30.29	258.51	-643.76	-132.80	274.38	254.72
43672	98.96	9.75	-8.30	10.33	262.90	-602.90	-106.77	271.14	227.75
43673	79.32	23.55	-8.30	480.96	-17.69	-788.52	-18.48	18.27	204.33
43674	81.05	23.42	-8.30	471.49	-11.72	-780.31	-56.28	13.59	203.62
43675	82.77	23.17	-8.30	454.68	0.28	-768.22	-92.50	13.77	202.90
43676	84.46	22.78	-8.30	432.08	17.66	-755.93	-125.67	16.60	202.30
43677	86.12	22.28	-8.30	404.02	39.49	-743.44	-154.48	20.12	201.87
43678	87.74	21.65	-8.30	370.91	64.77	-729.56	-177.92	23.73	201.49
43679	89.31	20.91	-8.30	333.81	92.38	-713.51	-195.32	27.45	201.03
43680	90.82	20.05	-8.30	294.16	121.10	-695.03	-206.33	31.36	200.38
43681	92.26	19.09	-8.30	253.44	149.72	-674.11	-210.97	35.46	199.47
43682	93.63	18.02	-8.30	213.07	177.18	-650.85	-209.53	39.70	198.24
43683	94.92	16.85	-8.30	174.23	202.52	-625.28	-202.53	43.96	196.70
43684	96.11	15.59	-8.30	137.84	224.90	-597.35	-190.55	48.14	194.89
43685	97.21	14.25	-8.30	104.58	243.43	-566.87	-174.15	52.22	192.79
43686	98.21	12.83	-8.30	75.06	257.20	-533.83	-154.01	56.37	190.14
43687	99.10	11.34	-8.30	49.70	265.59	-498.98	-130.99	60.76	186.40
43688	99.88	9.79	-8.30	29.41	268.38	-463.80	-106.24	65.03	181.35
43689	60.69	9.62	-2.70	-274.57	-1282.23	-1376.77	502.11	-549.57	740.49
43690	61.39	10.82	-2.70	-313.20	-1216.85	-1006.20	550.06	-701.43	591.38
43691	62.18	11.98	-2.70	-399.28	-1298.89	-1153.84	599.40	-790.33	703.55
43692	63.05	13.08	-2.70	-466.61	-1411.78	-1258.40	622.78	-831.46	820.50
43693	63.99	14.11	-2.70	-519.22	-1538.16	-1370.84	632.50	-852.53	945.30
43694	65.01	15.08	-2.70	-554.92	-1668.50	-1476.60	629.58	-855.35	1069.86
43695	66.08	15.98	-2.70	-577.86	-1802.26	-1580.07	614.45	-842.98	1195.49
43696	67.22	16.80	-2.70	-589.45	-1936.21	-1677.76	586.24	-811.08	1321.92
43697	68.41	17.54	-2.70	-592.01	-2064.36	-1766.02	544.73	-761.28	1441.32
43698	69.65	18.19	-2.70	-588.80	-2185.02	-1845.64	490.15	-694.78	1553.21
43699	70.93	18.76	-2.70	-582.72	-2295.12	-1915.91	422.80	-612.54	1655.21
43700	72.25	19.23	-2.70	-576.54	-2391.76	-1976.36	343.57	-516.02	1745.06
43701	73.59	19.62	-2.70	-572.81	-2472.19	-2026.53	253.85	-407.05	1820.71
43702	74.96	19.90	-2.70	-573.78	-2533.98	-2066.05	155.54	-287.81	1880.34
43703	76.35	20.10	-2.70	-581.32	-2575.19	-2094.62	50.92	-160.73	1922.50
43704	77.75	20.20	-2.70	-596.78	-2594.31	-2111.77	-57.52	-28.45	1946.17
43705	59.77	9.66	-2.70	-3.03	-1119.58	-850.07	262.29	-138.63	627.59
43706	60.50	10.95	-2.70	222.83	-765.85	-38.22	239.48	-113.69	165.67
43707	61.31	12.19	-2.70	186.13	-686.36	-72.12	261.24	-159.16	149.05
43708	62.21	13.37	-2.70	146.16	-680.16	-66.93	260.56	-179.30	171.25
43709	63.19	14.48	-2.70	107.08	-694.86	-74.24	249.08	-189.31	198.52
43710	64.25	15.53	-2.70	75.10	-717.74	-79.65	231.79	-193.23	227.24
43711	65.38	16.49	-2.70	49.27	-743.48	-84.64	210.84	-192.08	255.83
43712	66.57	17.37	-2.70	27.89	-769.89	-89.25	187.16	-186.49	284.02
43713	67.83	18.17	-2.70	9.55	-795.37	-93.67	161.15	-176.28	311.41
43714	69.13	18.87	-2.70	-6.77	-818.53	-97.54	133.27	-161.88	336.86
43715	70.49	19.48	-2.70	-21.93	-838.82	-100.99	103.90	-143.63	360.11
43716	71.88	19.99	-2.70	-36.54	-855.64	-104.00	73.44	-121.92	380.69
43717	73.31	20.41	-2.70	-51.03	-868.55	-106.57	42.31	-97.21	398.16
43718	74.76	20.72	-2.70	-65.75	-877.20	-108.68	10.93	-70.06	412.11
43719	76.23	20.93	-2.70	-81.03	-881.38	-110.29	-20.32	-41.06	422.20
43720	77.71	21.03	-2.70	-97.21	-880.88	-111.48	-51.10	-10.82	428.17
43721	58.85	9.70	-2.70	63.07	-1034.42	-842.52	49.52	45.68	594.32
43722	59.60	11.08	-2.70	332.82	-650.60	-38.22	114.01	-1.38	148.02
43723	60.44	12.41	-2.70	325.24	-485.19	-61.25	119.83	-16.64	88.73
43724	61.37	13.67	-2.70	294.55	-418.52	-50.20	107.51	-30.54	80.15
43725	62.39	14.85	-2.70	260.79	-386.35	-56.02	86.19	-37.64	83.40
43726	63.50	15.97	-2.70	231.14	-366.06	-59.95	63.00	-41.51	89.06
43727	64.68	17.00	-2.70	204.31	-350.44	-64.24	40.51	-43.23	95.54
43728	65.93	17.94	-2.70	178.99	-336.43	-68.14	19.74	-43.27	102.15
43729	67.25	18.79	-2.70	154.20	-322.89	-71.68	1.29	-41.81	108.68
43730	68.62	19.55	-2.70	129.61	-309.41	-74.84	-14.44	-38.92	114.95
43731	70.04	20.20	-2.70	105.34	-296.00	-77.59	-27.11	-34.73	120.76
43732	71.51	20.76	-2.70	81.82	-282.94	-79.95	-36.54	-29.37	126.00
43733	73.02	21.20	-2.70	59.63	-270.62	-81.93	-42.70	-23.03	130.55
43734	74.55	21.54	-2.70	39.27	-259.50	-83.53	-45.74	-15.92	134.25
43735	76.10	21.76	-2.70	21.09	-250.04	-84.74	-46.03	-8.29	136.97
43736	77.67	21.87	-2.70	5.28	-242.64	-85.49	-44.13	-0.32	138.57
43737	57.94	9.75	-2.70	31.92	-1039.42	-841.94	-116.01	234.30	614.84
43738	58.70	11.21	-2.70	279.98	-556.42	-4.66	42.27	65.39	141.98
43739	59.56	12.62	-2.70	275.01	-354.00	-39.45	64.05	45.23	76.01
43740	60.53	13.96	-2.70	251.18	-266.37	-21.46	49.66	37.16	52.29
43741	61.59	15.22	-2.70	230.75	-219.45	-23.74	32.47	31.39	42.22
43742	62.74	16.41	-2.70	213.92	-187.79	-24.50	15.36	27.69	36.21
43743	63.97	17.51	-2.70	199.08	-162.70	-26.12	-0.16	24.79	31.70
43744	65.28	18.52	-2.70	184.61	-140.84	-27.58	-13.76	22.20	27.91
43745	66.66	19.42	-2.70	169.51	-120.82	-28.92	-25.21	19.72	24.64
43746	68.10	20.23	-2.70	153.47	-102.12	-30.07	-34.22	17.34	21.87
43747	69.60	20.93	-2.70	136.69	-84.61	-31.05	-40.52	15.09	19.58
43748	71.15	21.52	-2.70	119.73	-68.43	-31.88	-43.87	12.97	17.76
43749	72.73	21.99	-2.70	103.30	-53.89	-32.61	-44.19	10.96	16.35
43750	74.34	22.35	-2.70	88.05	-41.41	-33.24	-41.59	8.94	15.33
43751	75.98	22.59	-2.70	74.38	-31.46	-33.75	-36.39	6.84	14.64
43752	77.62	22.71	-2.70	62.50	-24.48	-34.08	-29.12	4.66	14.24
43753	57.02	9.79	-2.70	-245.64	-1196.37	-1072.50	-385.20	601.91	986.56
43754	57.80	11.34	-2.70	127.55	-411.31	27.37	-42.38	92.59	187.74
43755	58.69	12.83	-2.70	82.82	-218.20	-23.05	-13.61	92.79	109.87
43756	59.69	14.25	-2.70	86.26	-138.27	2.03	-3.85	77.69	74.84
43757	60.79	15.59	-2.70	85.13	-95.27	1.82	0.86	72.56	54.67
43758	61.98	16.85	-2.70	87.93	-67.91	3.81	3.55	68.91	40.12

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]
43759	63.27	18.02	-2.70	91.87	-49.06	4.32	5.03	65.58	28.04
43760	64.64	19.09	-2.70	95.91	-35.45	4.80	5.24	61.74	17.33
43761	66.08	20.05	-2.70	99.04	-25.37	5.19	4.22	57.16	7.73
43762	67.59	20.91	-2.70	100.65	-17.66	5.58	2.21	51.86	-0.78
43763	69.16	21.65	-2.70	100.55	-11.50	5.94	-0.40	45.96	-8.17
43764	70.78	22.28	-2.70	98.86	-6.34	6.26	-3.14	39.57	-14.43
43765	72.44	22.78	-2.70	95.87	-1.89	6.49	-5.60	32.76	-19.55
43766	74.13	23.17	-2.70	91.89	1.95	6.63	-7.48	25.53	-23.56
43767	75.85	23.42	-2.70	87.07	5.14	6.70	-8.59	17.86	-26.45
43768	77.58	23.55	-2.70	81.43	7.52	6.75	-8.87	9.89	-28.17
43769	60.69	9.62	-4.10	-41.35	-380.15	-1276.93	146.58	-499.06	443.46
43770	61.39	10.82	-4.10	-60.81	-512.25	-1224.20	177.91	-618.87	559.78
43771	62.18	11.98	-4.10	-67.90	-519.00	-1253.09	216.38	-710.31	602.34
43772	63.05	13.08	-4.10	-81.59	-544.34	-1361.06	240.39	-757.15	697.43
43773	63.99	14.11	-4.10	-92.91	-577.55	-1464.34	248.52	-775.08	800.18
43774	65.01	15.08	-4.10	-101.46	-614.47	-1564.52	246.67	-773.97	903.96
43775	66.08	15.98	-4.10	-106.26	-652.17	-1659.79	237.42	-757.07	1006.90
43776	67.22	16.80	-4.10	-107.93	-689.59	-1749.11	222.09	-723.61	1108.13
43777	68.41	17.54	-4.10	-107.87	-725.48	-1830.76	201.49	-675.17	1203.86
43778	69.65	18.19	-4.10	-106.94	-758.56	-1904.40	176.41	-613.19	1292.77
43779	70.93	18.76	-4.10	-106.07	-788.06	-1969.71	147.42	-538.69	1373.40
43780	72.25	19.23	-4.10	-106.15	-813.24	-2026.25	115.12	-452.95	1444.27
43781	73.59	19.62	-4.10	-107.94	-833.50	-2073.61	80.20	-357.51	1504.01
43782	74.96	19.90	-4.10	-112.09	-848.37	-2111.44	43.36	-254.09	1551.41
43783	76.35	20.10	-4.10	-119.16	-857.53	-2139.43	5.35	-144.59	1585.48
43784	77.75	20.20	-4.10	-129.55	-860.76	-2157.52	-33.16	-31.00	1605.69
43785	59.77	9.66	-4.10	-45.04	-347.77	-914.64	175.19	-275.04	450.57
43786	60.50	10.95	-4.10	-74.01	-534.10	-645.01	217.19	-354.27	523.57
43787	61.31	12.19	-4.10	-76.56	-499.18	-529.82	263.08	-438.04	466.02
43788	62.21	13.37	-4.10	-91.25	-502.93	-564.68	302.72	-491.51	507.31
43789	63.19	14.48	-4.10	-97.77	-534.25	-606.21	325.39	-518.39	572.49
43790	64.25	15.53	-4.10	-97.18	-579.88	-650.65	334.84	-527.57	645.23
43791	65.38	16.49	-4.10	-90.01	-632.73	-693.37	334.01	-523.02	719.88
43792	66.57	17.37	-4.10	-77.51	-689.19	-733.63	323.97	-505.91	794.00
43793	67.83	18.17	-4.10	-61.60	-746.09	-770.52	305.02	-476.75	865.41
43794	69.13	18.87	-4.10	-44.31	-800.99	-803.62	277.66	-436.51	932.24
43795	70.49	19.48	-4.10	-27.38	-851.83	-832.81	242.54	-386.18	993.18
43796	71.88	19.99	-4.10	-12.43	-896.85	-858.00	200.43	-326.81	1047.00
43797	73.31	20.41	-4.10	-0.88	-934.47	-879.07	152.36	-259.66	1092.55
43798	74.76	20.72	-4.10	6.00	-963.39	-895.90	99.58	-186.19	1128.79
43799	76.23	20.93	-4.10	7.17	-982.58	-908.35	43.50	-107.95	1154.85
43800	77.71	21.03	-4.10	1.88	-991.27	-916.31	-14.39	-26.42	1169.99
43801	58.85	9.70	-4.10	21.52	-285.25	-762.39	107.34	6.89	418.47
43802	59.60	11.08	-4.10	38.70	-441.32	-399.45	131.97	-45.55	446.15
43803	60.44	12.41	-4.10	55.78	-359.86	-221.76	165.48	-111.17	311.51
43804	61.37	13.67	-4.10	45.07	-314.24	-214.32	193.76	-152.54	286.39
43805	62.39	14.85	-4.10	40.33	-305.70	-221.68	211.36	-176.09	295.44
43806	63.50	15.97	-4.10	42.49	-317.83	-235.99	219.45	-188.01	316.85
43807	64.68	17.00	-4.10	50.38	-340.45	-250.60	219.90	-191.90	342.38
43808	65.93	17.94	-4.10	62.06	-368.56	-264.60	213.73	-189.36	369.21
43809	67.25	18.79	-4.10	75.83	-399.07	-277.44	201.37	-181.09	395.93
43810	68.62	19.55	-4.10	90.06	-429.69	-288.89	183.19	-167.52	421.53
43811	70.04	20.20	-4.10	103.43	-458.66	-298.89	159.72	-149.14	445.27
43812	71.51	20.76	-4.10	114.84	-484.58	-307.50	131.62	-126.47	466.57
43813	73.02	21.20	-4.10	123.41	-506.29	-314.77	99.69	-100.15	484.88
43814	74.55	21.54	-4.10	128.36	-522.87	-320.72	64.86	-70.96	499.67
43815	76.10	21.76	-4.10	129.03	-533.63	-325.27	28.12	-39.71	510.44
43816	77.67	21.87	-4.10	124.87	-538.11	-328.21	-9.51	-7.11	516.77
43817	57.94	9.75	-4.10	19.26	-228.23	-773.53	20.37	284.09	485.03
43818	58.70	11.21	-4.10	50.19	-366.21	-355.87	41.21	151.02	478.40
43819	59.56	12.62	-4.10	89.55	-249.63	-155.35	79.27	65.97	281.11
43820	60.53	13.96	-4.10	86.06	-177.68	-135.95	100.63	34.80	216.66
43821	61.59	15.22	-4.10	87.17	-144.17	-131.73	114.68	15.03	190.12
43822	62.74	16.41	-4.10	93.98	-133.29	-137.84	123.41	2.77	179.60
43823	63.97	17.51	-4.10	105.10	-134.56	-145.59	126.97	-5.09	175.42
43824	65.28	18.52	-4.10	118.44	-142.67	-153.53	125.73	-10.11	174.24
43825	66.66	19.42	-4.10	132.43	-154.49	-160.81	119.97	-12.99	174.69
43826	68.10	20.23	-4.10	145.86	-167.97	-167.25	110.05	-13.98	176.16
43827	69.60	20.93	-4.10	157.80	-181.55	-172.81	96.41	-13.23	178.24
43828	71.15	21.52	-4.10	167.62	-194.08	-177.58	79.64	-10.91	180.65
43829	72.73	21.99	-4.10	174.84	-204.69	-181.69	60.42	-7.27	183.10
43830	74.34	22.35	-4.10	179.10	-212.72	-185.21	39.46	-2.72	185.32
43831	75.98	22.59	-4.10	180.06	-217.73	-188.02	17.48	2.29	187.04
43832	77.62	22.71	-4.10	177.33	-219.48	-189.81	-4.85	7.55	188.06
43833	57.02	9.79	-4.10	-27.35	-147.60	-916.91	-54.17	641.23	841.07
43834	57.80	11.34	-4.10	-13.86	-280.77	-351.72	-55.40	271.80	619.01
43835	58.69	12.83	-4.10	29.90	-139.80	-74.34	-5.41	190.51	336.33
43836	59.69	14.25	-4.10	38.01	-62.94	-43.68	23.88	158.09	237.01
43837	60.79	15.59	-4.10	53.35	-20.87	-25.94	47.40	139.21	182.22
43838	61.98	16.85	-4.10	72.18	0.00	-22.08	65.77	127.08	147.40
43839	63.27	18.02	-4.10	93.72	7.95	-21.11	78.67	117.33	121.40
43840	64.64	19.09	-4.10	116.14	7.63	-21.37	86.10	108.07	100.17
43841	66.08	20.05	-4.10	138.14	2.16	-21.76	88.28	98.50	82.15
43842	67.59	20.91	-4.10	158.67	-6.25	-22.04	85.60	88.46	66.80
43843	69.16	21.65	-4.10	176.91	-15.91	-22.17	78.61	78.04	53.88
43844	70.78	22.28	-4.10	192.26	-25.51	-22.27	67.97	67.34	43.24
43845	72.44	22.78	-4.10	204.35	-34.05	-22.50	54.43	56.39	34.71
43846	74.13	23.17	-4.10	212.86	-40.81	-22.93	38.74	45.04	28.16
43847	75.85	23.42	-4.10	217.53	-45.32	-23.47	21.67	33.15	23.49
43848	77.58	23.55	-4.10	218.05	-47.32	-23.78	3.97	20.84	20.67
43849	60.69	9.62	-5.50	37.89	-113.70	-1191.94	122.54	-441.26	353.52
43850	61.39	10.82	-5.50	31.13	-143.34	-1209.84	126.84	-510.18	453.11
43851	62.18	11.98	-5.50	31.74	-175.45	-1248.74	143.69	-577.66	523.11
43852	63.05	13.08	-5.50	36.72	-186.83	-1320.93	161.51	-622.83	591.35
43853	63.99	14.11	-5.50	41.89	-202.47	-1409.57	172.36	-643.85	671.18
43854	65.01	15.08	-5.50	48.30	-221.30	-1497.50	175.79	-646.65	753.96
43855	66.08	15.98	-5.50	55.72	-242.33	-1582.12	173.23	-634.49	837.31
43856	67.22	16.80	-5.50	64.33	-264.70	-1661.38	165.68	-607.88	919.38
43857	68.41	17.54	-5.50	73.47	-287.03	-1733.97	153.57	-568.23	997.34

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]
43858	69.65	18.19	-5.50	82.41	-308.45	-1799.34	137.46	-516.77	1069.87
43859	70.93	18.76	-5.50	90.48	-328.06	-1857.16	117.85	-454.59	1135.63
43860	72.25	19.23	-5.50	97.01	-345.13	-1907.15	95.27	-382.86	1193.43
43861	73.59	19.62	-5.50	101.38	-359.03	-1949.05	70.29	-302.97	1242.14
43862	74.96	19.90	-5.50	103.03	-369.26	-1982.61	43.59	-216.41	1280.82
43863	76.35	20.10	-5.50	101.48	-375.42	-2007.65	15.87	-124.82	1308.66
43864	77.75	20.20	-5.50	96.39	-377.26	-2024.09	-12.21	-29.73	1325.16
43865	59.77	9.66	-5.50	12.89	-81.03	-939.25	141.45	-276.55	371.19
43866	60.50	10.95	-5.50	-1.23	-132.79	-861.87	154.03	-346.64	478.67
43867	61.31	12.19	-5.50	-7.64	-176.52	-808.66	179.28	-422.37	514.36
43868	62.21	13.37	-5.50	-3.46	-182.96	-822.02	207.88	-479.38	545.99
43869	63.19	14.48	-5.50	5.77	-198.32	-870.99	229.75	-511.56	602.27
43870	64.25	15.53	-5.50	20.23	-223.33	-925.71	242.09	-524.09	668.38
43871	65.38	16.49	-5.50	38.53	-254.70	-980.30	245.71	-521.11	738.04
43872	66.57	17.37	-5.50	59.60	-289.75	-1031.94	241.51	-504.67	807.88
43873	67.83	18.17	-5.50	82.06	-326.28	-1079.40	229.93	-475.86	875.62
43874	69.13	18.87	-5.50	104.45	-362.28	-1122.00	211.47	-435.77	939.32
43875	70.49	19.48	-5.50	125.46	-396.12	-1159.52	186.71	-385.50	997.59
43876	71.88	19.99	-5.50	143.89	-426.40	-1191.85	156.37	-326.18	1049.20
43877	73.31	20.41	-5.50	158.68	-451.91	-1218.94	121.32	-259.11	1093.02
43878	74.76	20.72	-5.50	168.89	-471.63	-1240.70	82.64	-185.80	1128.06
43879	76.23	20.93	-5.50	173.71	-484.78	-1256.97	41.50	-107.84	1153.43
43880	77.71	21.03	-5.50	172.53	-490.77	-1267.48	-0.92	-26.65	1168.29
43881	58.85	9.70	-5.50	24.94	-34.30	-799.96	130.53	-29.27	381.71
43882	59.60	11.08	-5.50	7.80	-100.42	-645.57	143.80	-100.93	478.53
43883	60.44	12.41	-5.50	2.34	-138.73	-519.32	164.66	-174.99	458.32
43884	61.37	13.67	-5.50	6.26	-130.88	-486.15	192.67	-230.71	436.15
43885	62.39	14.85	-5.50	16.85	-134.10	-501.78	217.39	-264.66	448.59
43886	63.50	15.97	-5.50	34.90	-151.53	-529.13	234.29	-282.76	477.07
43887	64.68	17.00	-5.50	58.31	-179.01	-559.55	242.65	-288.81	512.68
43888	65.93	17.94	-5.50	85.18	-212.51	-589.12	242.69	-284.99	550.93
43889	67.25	18.79	-5.50	113.71	-249.01	-616.44	234.64	-272.45	589.44
43890	68.62	19.55	-5.50	142.13	-286.02	-640.91	218.85	-251.98	626.62
43891	70.04	20.20	-5.50	168.90	-321.49	-662.35	195.85	-224.33	661.28
43892	71.51	20.76	-5.50	192.63	-353.69	-680.80	166.39	-190.31	692.46
43893	73.02	21.20	-5.50	212.18	-381.14	-696.38	131.44	-150.86	719.32
43894	74.55	21.54	-5.50	226.56	-402.66	-709.15	92.21	-107.15	741.09
43895	76.10	21.76	-5.50	234.88	-417.27	-718.90	50.05	-60.43	757.00
43896	77.67	21.87	-5.50	236.35	-424.32	-725.16	6.30	-11.81	766.36
43897	57.94	9.75	-5.50	61.50	31.45	-775.41	101.68	260.24	458.10
43898	58.70	11.21	-5.50	31.99	-35.01	-560.92	99.57	137.65	532.20
43899	59.56	12.62	-5.50	31.32	-68.28	-381.31	107.01	47.77	440.18
43900	60.53	13.96	-5.50	42.17	-43.79	-317.90	129.66	-1.16	363.80
43901	61.59	15.22	-5.50	56.10	-29.81	-312.28	152.17	-31.59	332.50
43902	62.74	16.41	-5.50	77.34	-30.74	-322.80	170.00	-51.12	321.80
43903	63.97	17.51	-5.50	103.48	-43.18	-339.12	181.27	-62.99	321.40
43904	65.28	18.52	-5.50	132.35	-63.03	-356.14	185.39	-69.18	326.09
43905	66.66	19.42	-5.50	162.09	-87.15	-372.11	182.36	-70.72	333.48
43906	68.10	20.23	-5.50	191.12	-113.05	-386.36	172.42	-68.18	342.23
43907	69.60	20.93	-5.50	218.06	-138.71	-398.75	156.06	-61.92	351.48
43908	71.15	21.52	-5.50	241.78	-162.49	-409.41	133.98	-52.32	360.58
43909	72.73	21.99	-5.50	261.37	-183.01	-418.62	107.08	-39.89	368.98
43910	74.34	22.35	-5.50	276.12	-199.20	-426.54	76.45	-25.41	376.15
43911	75.98	22.59	-5.50	285.33	-210.22	-432.94	43.27	-9.77	381.58
43912	77.62	22.71	-5.50	288.22	-215.55	-437.07	8.75	6.44	384.79
43913	57.02	9.79	-5.50	96.57	143.68	-804.50	106.87	598.91	772.78
43914	57.80	11.34	-5.50	16.60	40.09	-534.79	51.82	279.61	654.71
43915	58.69	12.83	-5.50	25.76	2.05	-276.60	48.41	226.98	491.49
43916	59.69	14.25	-5.50	43.21	33.70	-173.54	69.44	180.81	363.03
43917	60.79	15.59	-5.50	65.22	57.35	-145.92	94.03	153.51	291.89
43918	61.98	16.85	-5.50	93.93	67.91	-139.66	116.08	133.86	246.26
43919	63.27	18.02	-5.50	126.35	66.79	-142.48	132.36	118.69	214.22
43920	64.64	19.09	-5.50	160.36	57.32	-147.74	141.75	105.68	189.79
43921	66.08	20.05	-5.50	194.23	42.46	-153.23	144.08	93.76	170.37
43922	67.59	20.91	-5.50	226.56	24.70	-158.10	139.63	82.56	154.75
43923	69.16	21.65	-5.50	256.14	6.06	-162.20	128.92	72.04	142.25
43924	70.78	22.28	-5.50	282.02	-11.79	-165.74	112.69	62.21	132.44
43925	72.44	22.78	-5.50	303.46	-27.54	-169.06	91.84	52.96	124.92
43926	74.13	23.17	-5.50	319.92	-40.14	-172.40	67.38	43.90	119.34
43927	75.85	23.42	-5.50	330.86	-48.83	-175.51	40.37	34.54	115.43
43928	77.58	23.55	-5.50	335.60	-53.16	-177.48	11.92	24.71	113.03
43929	60.69	9.62	-6.90	100.69	114.13	-1142.67	123.91	-390.24	311.95
43930	61.39	10.82	-6.90	101.39	96.20	-1178.49	124.50	-440.34	398.08
43931	62.18	11.98	-6.90	108.61	79.65	-1221.97	131.43	-490.10	466.79
43932	63.05	13.08	-6.90	120.68	66.65	-1282.52	141.05	-527.94	530.79
43933	63.99	14.11	-6.90	135.65	56.33	-1354.73	149.10	-549.17	596.18
43934	65.01	15.08	-6.90	152.07	44.43	-1430.58	153.08	-554.79	664.37
43935	66.08	15.98	-6.90	169.10	30.86	-1504.70	152.65	-546.64	733.54
43936	67.22	16.80	-6.90	186.58	15.63	-1574.61	148.09	-525.37	802.01
43937	68.41	17.54	-6.90	203.84	-0.16	-1638.77	139.49	-492.35	867.40
43938	69.65	18.19	-6.90	220.17	-15.78	-1696.46	127.23	-448.71	928.48
43939	70.93	18.76	-6.90	234.94	-30.49	-1747.31	111.68	-395.49	984.04
43940	72.25	19.23	-6.90	247.57	-43.60	-1791.11	93.31	-333.81	1032.98
43941	73.59	19.62	-6.90	257.50	-54.53	-1827.73	72.64	-264.92	1074.35
43942	74.96	19.90	-6.90	264.23	-62.80	-1857.02	50.31	-190.21	1107.30
43943	76.35	20.10	-6.90	267.32	-67.99	-1878.86	27.01	-111.10	1131.11
43944	77.75	20.20	-6.90	266.34	-69.82	-1893.12	3.44	-28.90	1145.24
43945	59.77	9.66	-6.90	67.99	133.20	-971.44	147.45	-257.29	341.28
43946	60.50	10.95	-6.90	60.57	102.81	-952.82	150.44	-311.98	434.07
43947	61.31	12.19	-6.90	61.87	73.79	-941.27	161.50	-371.62	489.70
43948	62.21	13.37	-6.90	72.06	53.97	-960.48	177.54	-420.83	532.27
43949	63.19	14.48	-6.90	89.62	39.11	-1004.61	193.10	-452.85	579.76
43950	64.25	15.53	-6.90	111.84	20.41	-1059.55	203.91	-467.67	635.03
43951	65.38	16.49	-6.90	137.07	-2.51	-1115.92	208.56	-467.73	694.08
43952	66.57	17.37	-6.90	164.06	-28.58	-1170.02	206.86	-454.80	754.07
43953	67.83	18.17	-6.90	191.59	-56.31	-1219.96	198.85	-430.10	812.78
43954	69.13	18.87	-6.90	218.40	-84.11	-1264.85	184.80	-394.73	868.42
43955	70.49	19.48	-6.90	243.32	-110.62	-1304.31	165.14	-349.77	919.63
43956	71.88	19.99	-6.90	265.31	-134.63	-1338.25	140.49	-296.32	965.22

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]
43957	73.31	20.41	-6.90	283.47	-155.10	-1366.68	111.61	-235.62	1004.16
43958	74.76	20.72	-6.90	297.02	-171.17	-1389.59	79.51	-169.13	1035.50
43959	76.23	20.93	-6.90	305.24	-182.08	-1406.80	45.32	-98.41	1058.38
43960	77.71	21.03	-6.90	307.50	-187.25	-1417.89	10.12	-24.82	1071.84
43961	58.85	9.70	-6.90	74.81	168.43	-869.28	159.91	-52.77	370.02
43962	59.60	11.08	-6.90	53.03	126.85	-793.80	159.23	-116.01	461.50
43963	60.44	12.41	-6.90	46.13	88.00	-724.50	166.43	-181.96	485.52
43964	61.37	13.67	-6.90	53.99	66.69	-702.23	181.65	-234.48	489.13
43965	62.39	14.85	-6.90	73.00	53.66	-718.26	200.14	-270.49	502.51
43966	63.50	15.97	-6.90	98.72	35.70	-752.01	215.15	-291.38	528.82
43967	64.68	17.00	-6.90	129.10	11.51	-790.62	223.88	-299.62	562.44
43968	65.93	17.94	-6.90	162.16	-17.42	-828.95	225.42	-297.03	599.54
43969	67.25	18.79	-6.90	196.19	-49.05	-864.63	219.55	-284.88	637.59
43970	68.62	19.55	-6.90	229.57	-81.37	-896.68	206.40	-264.07	674.82
43971	70.04	20.20	-6.90	260.81	-112.60	-924.78	186.38	-235.46	709.87
43972	71.51	20.76	-6.90	288.63	-141.16	-948.94	160.12	-199.91	741.67
43973	73.02	21.20	-6.90	311.97	-165.76	-969.38	128.54	-158.44	769.31
43974	74.55	21.54	-6.90	329.98	-185.28	-986.27	92.82	-112.35	791.99
43975	76.10	21.76	-6.90	341.84	-198.79	-999.39	54.36	-63.18	808.82
43976	77.67	21.87	-6.90	346.60	-205.56	-1007.86	14.54	-12.27	818.82
43977	57.94	9.75	-6.90	127.89	222.40	-841.46	172.81	213.36	452.92
43978	58.70	11.21	-6.90	69.69	178.08	-713.61	159.17	100.57	525.24
43979	59.56	12.62	-6.90	49.00	122.97	-589.79	145.41	21.68	493.35
43980	60.53	13.96	-6.90	61.20	101.43	-529.87	154.96	-26.35	448.56
43981	61.59	15.22	-6.90	82.47	94.47	-522.28	172.85	-60.63	420.94
43982	62.74	16.41	-6.90	110.97	83.28	-538.75	189.54	-83.80	411.25
43983	63.97	17.51	-6.90	144.41	65.12	-563.37	201.06	-98.25	412.25
43984	65.28	18.52	-6.90	180.58	41.20	-589.58	205.75	-105.47	419.49
43985	66.66	19.42	-6.90	217.53	13.67	-614.41	203.06	-106.50	430.23
43986	68.10	20.23	-6.90	253.59	-15.33	-636.70	192.97	-102.00	442.78
43987	69.60	20.93	-6.90	287.22	-43.89	-656.16	175.84	-92.49	455.96
43988	71.15	21.52	-6.90	317.13	-70.33	-672.92	152.31	-78.44	468.87
43989	72.73	21.99	-6.90	342.34	-93.28	-687.44	123.29	-60.48	480.79
43990	74.34	22.35	-6.90	362.14	-111.57	-700.11	89.97	-39.62	491.09
43991	75.98	22.59	-6.90	375.80	-124.23	-710.66	53.76	-17.29	499.04
43992	77.62	22.71	-6.90	382.20	-130.64	-717.61	16.09	5.33	503.82
43993	57.02	9.79	-6.90	207.59	365.15	-801.44	229.23	572.22	766.27
43994	57.80	11.34	-6.90	54.69	241.44	-670.45	138.45	247.86	623.59
43995	58.69	12.83	-6.90	57.70	163.21	-488.06	115.83	217.38	527.07
43996	59.69	14.25	-6.90	70.75	139.04	-382.61	120.48	181.58	432.11
43997	60.79	15.59	-6.90	96.43	137.38	-347.64	137.39	152.93	360.35
43998	61.98	16.85	-6.90	129.05	133.56	-345.97	155.80	130.11	311.19
43999	63.27	18.02	-6.90	166.54	123.07	-356.63	170.15	111.57	276.04
44000	64.64	19.09	-6.90	206.20	106.30	-371.12	178.06	96.01	250.01
44001	66.08	20.05	-6.90	246.06	85.18	-385.59	178.69	82.60	230.23
44002	67.59	20.91	-6.90	284.45	61.82	-398.62	172.00	70.94	215.11
44003	69.16	21.65	-6.90	319.95	38.15	-409.87	158.36	60.93	203.66
44004	70.78	22.28	-6.90	351.35	15.85	-419.60	138.45	52.54	195.17
44005	72.44	22.78	-6.90	377.78	-3.69	-428.41	113.17	45.61	189.07
44006	74.13	23.17	-6.90	398.70	-19.32	-436.88	83.63	39.54	184.84
44007	75.85	23.42	-6.90	413.51	-30.16	-444.68	51.07	33.23	181.99
44008	77.58	23.55	-6.90	421.14	-35.65	-449.92	16.73	25.93	180.20
44009	60.69	9.62	-8.30	147.15	303.12	-1103.96	146.15	-343.39	282.40
44010	61.39	10.82	-8.30	155.89	292.91	-1147.01	143.81	-381.53	358.12
44011	62.18	11.98	-8.30	169.16	279.87	-1192.77	145.80	-420.00	422.21
44012	63.05	13.08	-8.30	186.97	267.95	-1247.26	150.35	-450.89	480.74
44013	63.99	14.11	-8.30	208.11	256.68	-1309.46	154.97	-470.04	537.52
44014	65.01	15.08	-8.30	231.51	245.16	-1375.00	157.70	-476.87	594.69
44015	66.08	15.98	-8.30	255.77	232.52	-1440.07	157.49	-471.72	652.45
44016	67.22	16.80	-8.30	280.54	218.27	-1501.89	153.93	-454.91	709.69
44017	68.41	17.54	-8.30	304.94	203.36	-1558.77	146.61	-427.55	764.58
44018	69.65	18.19	-8.30	328.10	188.41	-1609.86	135.68	-390.67	816.10
44019	70.93	18.76	-8.30	349.31	174.12	-1654.77	121.38	-345.17	863.18
44020	72.25	19.23	-8.30	367.89	161.17	-1693.31	104.08	-292.08	904.83
44021	73.59	19.62	-8.30	383.25	150.12	-1725.43	84.29	-232.54	940.19
44022	74.96	19.90	-8.30	394.88	141.48	-1751.06	62.63	-167.81	968.51
44023	76.35	20.10	-8.30	402.29	135.72	-1770.10	39.86	-99.20	989.11
44024	77.75	20.20	-8.30	404.97	133.19	-1782.40	16.77	-27.84	1001.47
44025	59.77	9.66	-8.30	110.91	313.58	-989.92	170.88	-234.64	312.50
44026	60.50	10.95	-8.30	113.72	292.27	-999.78	168.64	-276.00	394.97
44027	61.31	12.19	-8.30	122.01	267.40	-1011.61	171.86	-321.97	453.03
44028	62.21	13.37	-8.30	138.04	246.08	-1039.27	179.51	-362.10	498.18
44029	63.19	14.48	-8.30	160.74	227.36	-1082.64	188.44	-390.50	541.72
44030	64.25	15.53	-8.30	188.27	208.47	-1134.86	195.64	-405.52	588.02
44031	65.38	16.49	-8.30	218.65	187.48	-1189.45	198.97	-407.70	637.03
44032	66.57	17.37	-8.30	250.57	164.33	-1242.32	197.43	-398.11	687.06
44033	67.83	18.17	-8.30	282.76	139.86	-1291.32	190.51	-377.75	736.42
44034	69.13	18.87	-8.30	313.92	115.30	-1335.36	178.16	-347.62	783.59
44035	70.49	19.48	-8.30	342.88	91.79	-1374.01	160.64	-308.71	827.31
44036	71.88	19.99	-8.30	368.63	70.36	-1407.16	138.41	-262.01	866.49
44037	73.31	20.41	-8.30	390.30	51.87	-1434.88	112.16	-208.66	900.18
44038	74.76	20.72	-8.30	407.20	37.07	-1457.22	82.81	-150.02	927.56
44039	76.23	20.93	-8.30	418.67	26.64	-1474.05	51.56	-87.61	947.78
44040	77.71	21.03	-8.30	424.00	21.31	-1484.86	19.54	-22.79	959.79
44041	58.85	9.70	-8.30	110.26	338.24	-924.60	194.92	-75.26	343.58
44042	59.60	11.08	-8.30	98.57	302.92	-890.79	188.24	-118.88	428.37
44043	60.44	12.41	-8.30	96.21	265.66	-860.54	186.98	-169.55	467.93
44044	61.37	13.67	-8.30	108.26	234.98	-856.89	192.58	-213.30	486.30
44045	62.39	14.85	-8.30	131.89	211.41	-878.80	203.24	-245.98	503.36
44046	63.50	15.97	-8.30	162.06	188.77	-915.85	213.46	-266.87	526.27
44047	64.68	17.00	-8.30	196.54	163.54	-958.47	219.77	-276.38	554.80
44048	65.93	17.94	-8.30	233.44	135.47	-1001.09	220.46	-275.59	586.74
44049	67.25	18.79	-8.30	271.11	105.59	-1040.96	214.76	-265.48	620.11
44050	68.62	19.55	-8.30	307.93	75.34	-1076.84	202.43	-246.92	653.27
44051	70.04	20.20	-8.30	342.42	46.21	-1108.27	183.66	-220.73	684.87
44052	71.51	20.76	-8.30	373.25	19.52	-1135.25	158.92	-187.70	713.85
44053	73.02	21.20	-8.30	399.43	-3.61	-1158.06	129.00	-148.77	739.36
44054	74.55	21.54	-8.30	420.25	-22.29	-1177.07	95.00	-105.21	760.71
44055	76.10	21.76	-8.30	435.04	-35.61	-1192.18	58.49	-58.80	777.06

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]
44056	77.67	21.87	-8.30	442.63	-42.62	-1202.09	21.08	-11.28	787.04
44057	57.94	9.75	-8.30	176.44	382.85	-928.31	233.13	143.69	416.42
44058	58.70	11.21	-8.30	112.88	340.39	-833.42	212.73	65.29	485.82
44059	59.56	12.62	-8.30	86.13	276.44	-756.58	186.99	7.33	484.96
44060	60.53	13.96	-8.30	100.59	235.61	-719.50	186.99	-31.26	466.09
44061	61.59	15.22	-8.30	125.07	209.84	-720.54	196.88	-62.63	447.87
44062	62.74	16.41	-8.30	157.23	187.59	-743.40	208.32	-85.91	438.82
44063	63.97	17.51	-8.30	194.12	163.04	-775.20	216.55	-101.35	438.49
44064	65.28	18.52	-8.30	233.78	135.35	-808.72	219.21	-109.58	444.28
44065	66.66	19.42	-8.30	274.30	105.45	-840.57	215.19	-111.29	454.01
44066	68.10	20.23	-8.30	313.94	74.84	-869.26	204.13	-107.09	466.02
44067	69.60	20.93	-8.30	351.07	45.13	-894.32	186.15	-97.47	479.02
44068	71.15	21.52	-8.30	384.27	17.76	-915.89	161.71	-82.89	492.02
44069	72.73	21.99	-8.30	412.46	-6.03	-934.56	131.57	-63.86	504.32
44070	74.34	22.35	-8.30	435.15	-25.20	-951.22	96.91	-41.39	515.39
44071	75.98	22.59	-8.30	451.88	-38.74	-965.94	59.40	-17.52	524.52
44072	77.62	22.71	-8.30	461.16	-45.78	-976.19	20.86	5.52	530.29
44073	57.02	9.79	-8.30	322.25	589.36	-909.40	367.48	515.88	734.00
44074	57.80	11.34	-8.30	82.79	391.61	-809.98	207.82	207.14	564.70
44075	58.69	12.83	-8.30	93.65	289.43	-686.01	176.17	195.17	505.44
44076	59.69	14.25	-8.30	105.60	238.06	-613.86	172.34	173.53	443.72
44077	60.79	15.59	-8.30	132.01	211.58	-592.01	180.25	150.63	384.13
44078	61.98	16.85	-8.30	165.71	191.88	-600.72	191.92	128.56	336.21
44079	63.27	18.02	-8.30	204.57	170.84	-622.65	201.35	108.99	299.86
44080	64.64	19.09	-8.30	246.10	146.73	-648.35	205.57	92.07	272.48
44081	66.08	20.05	-8.30	288.25	120.14	-673.43	203.20	77.58	251.89
44082	67.59	20.91	-8.30	329.22	92.50	-696.06	193.80	65.35	236.52
44083	69.16	21.65	-8.30	367.39	65.36	-715.74	177.48	55.29	225.23
44084	70.78	22.28	-8.30	401.37	40.20	-732.70	154.73	47.45	217.18
44085	72.44	22.78	-8.30	430.13	18.32	-747.87	126.37	41.84	211.74
44086	74.13	23.17	-8.30	453.31	0.80	-762.59	93.49	37.82	208.35
44087	75.85	23.42	-8.30	470.67	-11.38	-776.97	57.45	33.43	206.38
44088	77.58	23.55	-8.30	480.69	-17.58	-787.41	19.74	26.47	205.16
44089	79.06	-2.50	-2.70	113.04	-7.15	-734.53	5.14	53.42	-377.24
44090	79.06	-3.10	-2.70	110.01	-4.78	-668.66	5.06	49.85	-381.57
44091	80.29	-2.50	-2.70	98.36	-8.50	-724.71	7.81	96.72	-371.99
44092	80.28	-3.10	-2.70	95.73	-5.94	-659.20	8.19	90.42	-376.32
44093	81.52	-2.50	-2.70	78.85	-10.96	-711.57	9.42	137.69	-362.17
44094	81.51	-3.10	-2.70	76.93	-8.03	-646.87	10.25	128.78	-366.55
44095	82.75	-2.50	-2.70	54.74	-14.60	-695.99	9.64	175.51	-348.12
44096	82.73	-3.10	-2.70	53.80	-11.16	-632.47	10.93	164.20	-352.56
44097	83.97	-2.50	-2.70	26.35	-19.55	-679.17	8.24	209.50	-330.27
44098	83.95	-3.10	-2.70	26.59	-15.45	-617.09	9.99	196.08	-334.78
44099	85.20	-2.50	-2.70	-5.95	-25.94	-662.57	5.03	239.12	-309.17
44100	85.17	-3.10	-2.70	-4.35	-21.06	-602.07	7.24	223.91	-313.75
44101	86.43	-2.50	-2.70	-41.79	-33.95	-647.95	-0.06	263.98	-285.42
44102	86.39	-3.10	-2.70	-38.71	-28.17	-589.02	2.62	247.35	-290.04
44103	87.66	-2.50	-2.70	-80.80	-43.75	-637.32	-7.01	283.93	-259.61
44104	87.62	-3.10	-2.70	-76.16	-36.99	-579.82	-3.87	266.26	-264.25
44105	88.88	-2.50	-2.70	-122.80	-55.61	-633.01	-15.72	299.08	-232.32
44106	88.84	-3.10	-2.70	-116.54	-47.77	-576.64	-12.13	280.70	-236.93
44107	90.11	-2.50	-2.70	-167.91	-69.85	-637.62	-26.05	309.85	-203.99
44108	90.06	-3.10	-2.70	-159.99	-60.84	-581.97	-22.02	291.05	-208.53
44109	91.34	-2.50	-2.70	-216.83	-86.95	-654.24	-37.83	317.02	-174.89
44110	91.28	-3.10	-2.70	-207.15	-76.67	-598.74	-33.38	298.04	-179.33
44111	92.57	-2.50	-2.70	-271.25	-107.65	-686.69	-50.97	321.89	-145.00
44112	92.50	-3.10	-2.70	-259.64	-95.97	-630.67	-46.10	302.85	-149.35
44113	93.79	-2.50	-2.70	-334.72	-133.29	-740.92	-65.66	326.33	-113.86
44114	93.73	-3.10	-2.70	-320.80	-119.96	-683.47	-60.31	307.24	-118.16
44115	95.02	-2.50	-2.70	-414.22	-165.98	-825.22	-82.79	333.21	-80.24
44116	94.95	-3.10	-2.70	-397.28	-150.59	-765.19	-76.83	313.97	-84.61
44117	96.25	-2.50	-2.70	-523.34	-213.24	-981.68	-106.23	344.12	-41.11
44118	96.17	-3.10	-2.70	-502.15	-194.58	-915.53	-99.46	324.76	-45.83
44119	97.48	-2.50	-2.70	-710.40	-265.34	-1115.04	-149.89	453.39	-10.66
44120	97.39	-3.10	-2.70	-681.80	-241.93	-1045.23	-140.78	428.00	-18.06
44121	79.06	-2.50	-4.10	157.56	34.58	-676.31	15.13	40.08	-378.22
44122	79.06	-3.10	-4.10	153.95	34.76	-619.07	14.85	37.12	-381.34
44123	80.29	-2.50	-4.10	143.85	33.42	-668.68	16.51	76.79	-374.31
44124	80.28	-3.10	-4.10	140.60	33.78	-611.67	16.72	71.54	-377.44
44125	81.52	-2.50	-4.10	125.70	31.06	-658.67	17.06	111.39	-366.51
44126	81.51	-3.10	-4.10	123.04	31.75	-602.20	17.76	103.95	-369.65
44127	82.75	-2.50	-4.10	103.31	27.45	-647.09	16.55	143.20	-355.05
44128	82.73	-3.10	-4.10	101.47	28.59	-591.39	17.72	133.73	-358.22
44129	83.97	-2.50	-4.10	77.00	22.51	-634.98	14.80	171.63	-340.28
44130	83.95	-3.10	-4.10	76.16	24.22	-580.22	16.43	160.35	-343.48
44131	85.20	-2.50	-4.10	47.17	16.16	-623.67	11.69	196.20	-322.63
44132	85.17	-3.10	-4.10	47.46	18.55	-569.91	13.76	183.37	-325.84
44133	86.43	-2.50	-4.10	14.29	8.30	-614.72	7.16	216.57	-302.54
44134	86.39	-3.10	-4.10	15.82	11.46	-561.93	9.65	202.49	-305.76
44135	87.66	-2.50	-4.10	-21.15	-1.16	-609.95	1.23	232.53	-280.52
44136	87.62	-3.10	-4.10	-18.33	2.85	-557.96	4.12	217.51	-283.72
44137	88.88	-2.50	-4.10	-58.65	-12.35	-611.39	-6.04	244.06	-257.03
44138	88.84	-3.10	-4.10	-54.51	-7.42	-559.95	-2.78	228.39	-260.16
44139	90.11	-2.50	-4.10	-97.75	-25.39	-621.37	-14.53	251.27	-232.46
44140	90.06	-3.10	-4.10	-92.30	-19.48	-570.10	-10.96	235.24	-235.51
44141	91.34	-2.50	-4.10	-138.01	-40.42	-642.54	-24.17	254.53	-207.13
44142	91.28	-3.10	-4.10	-131.27	-33.47	-590.98	-20.35	238.38	-210.07
44143	92.57	-2.50	-4.10	-178.84	-57.57	-678.18	-34.96	254.53	-181.26
44144	92.50	-3.10	-4.10	-170.86	-49.51	-625.76	-30.97	238.45	-184.09
44145	93.79	-2.50	-4.10	-218.79	-76.84	-732.38	-47.16	252.90	-155.02
44146	93.73	-3.10	-4.10	-209.69	-67.57	-678.38	-43.12	236.99	-157.79
44147	95.02	-2.50	-4.10	-253.57	-97.85	-812.22	-61.66	254.27	-128.91
44148	94.95	-3.10	-4.10	-243.71	-87.24	-755.59	-57.76	238.44	-131.84
44149	96.25	-2.50	-4.10	-268.51	-115.44	-907.75	-80.47	285.18	-106.80
44150	96.17	-3.10	-4.10	-259.27	-103.51	-847.94	-77.08	267.74	-110.74
44151	97.48	-2.50	-4.10	-261.50	-114.33	-917.98	-99.34	393.29	-96.54
44152	97.39	-3.10	-4.10	-254.10	-102.39	-860.86	-96.46	369.24	-103.31
44153	79.06	-2.50	-5.50	213.50	83.84	-628.77	27.35	28.29	-373.70
44154	79.06	-3.10	-5.50	208.80	80.49	-578.89	26.86	25.91	-375.53

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]
44155	80.29	-2.50	-5.50	201.10	83.02	-623.11	28.16	58.86	-370.89
44156	80.28	-3.10	-5.50	196.70	79.85	-573.36	28.17	54.55	-372.73
44157	81.52	-2.50	-5.50	184.67	81.00	-615.89	28.38	87.56	-364.70
44158	81.51	-3.10	-5.50	180.76	78.12	-566.46	28.86	81.39	-366.56
44159	82.75	-2.50	-5.50	164.43	77.75	-607.81	27.82	113.84	-355.32
44160	82.73	-3.10	-5.50	161.20	75.27	-558.85	28.76	105.93	-357.19
44161	83.97	-2.50	-5.50	140.73	73.23	-599.81	26.36	137.25	-343.01
44162	83.95	-3.10	-5.50	138.32	71.25	-551.39	27.73	127.77	-344.90
44163	85.20	-2.50	-5.50	114.05	67.41	-593.07	23.91	157.45	-328.08
44164	85.17	-3.10	-5.50	112.56	66.03	-545.21	25.68	146.59	-329.98
44165	86.43	-2.50	-5.50	84.98	60.26	-589.01	20.45	174.20	-310.91
44166	86.39	-3.10	-5.50	84.49	59.54	-541.61	22.59	162.21	-312.81
44167	87.66	-2.50	-5.50	54.25	51.78	-589.25	16.01	187.43	-291.86
44168	87.62	-3.10	-5.50	54.79	51.79	-542.16	18.46	174.54	-293.75
44169	88.88	-2.50	-5.50	22.79	41.99	-595.62	10.66	197.23	-271.32
44170	88.84	-3.10	-5.50	24.33	42.76	-548.58	13.36	183.68	-273.20
44171	90.11	-2.50	-5.50	-8.28	30.98	-610.11	4.50	203.95	-249.65
44172	90.06	-3.10	-5.50	-5.82	32.53	-562.79	7.37	189.95	-251.51
44173	91.34	-2.50	-5.50	-37.41	18.93	-634.82	-2.35	208.39	-227.16
44174	91.28	-3.10	-5.50	-34.18	21.26	-586.82	0.58	194.11	-229.03
44175	92.57	-2.50	-5.50	-62.30	6.26	-671.70	-9.77	212.35	-204.17
44176	92.50	-3.10	-5.50	-58.56	9.34	-622.57	-6.93	197.87	-206.12
44177	93.79	-2.50	-5.50	-79.42	-6.16	-721.82	-17.67	219.97	-181.08
44178	93.73	-3.10	-5.50	-75.60	-2.42	-671.08	-15.11	205.13	-183.30
44179	95.02	-2.50	-5.50	-83.70	-16.23	-779.92	-25.75	241.71	-158.75
44180	94.95	-3.10	-5.50	-80.54	-12.06	-727.43	-23.70	225.73	-161.68
44181	96.25	-2.50	-5.50	-76.95	-20.09	-818.44	-32.07	294.43	-138.11
44182	96.17	-3.10	-5.50	-74.96	-16.09	-765.78	-30.60	275.45	-142.48
44183	97.48	-2.50	-5.50	-82.98	-15.44	-785.77	-31.86	374.56	-115.95
44184	97.39	-3.10	-5.50	-80.84	-12.67	-738.05	-30.46	351.03	-122.34
44185	79.06	-2.50	-6.90	280.87	140.34	-591.26	41.60	18.40	-359.73
44186	79.06	-3.10	-6.90	274.61	132.15	-547.66	40.90	16.55	-360.38
44187	80.29	-2.50	-6.90	270.00	139.99	-587.36	42.53	43.35	-357.79
44188	80.28	-3.10	-6.90	263.96	131.97	-543.81	42.30	39.86	-358.45
44189	81.52	-2.50	-6.90	255.49	138.49	-582.54	43.08	66.66	-352.89
44190	81.51	-3.10	-6.90	249.85	130.76	-539.16	43.29	61.58	-353.56
44191	82.75	-2.50	-6.90	237.58	135.84	-577.39	43.11	87.98	-345.17
44192	82.73	-3.10	-6.90	232.48	128.49	-534.25	43.74	81.38	-345.86
44193	83.97	-2.50	-6.90	216.64	132.04	-572.74	42.52	107.00	-334.82
44194	83.95	-3.10	-6.90	212.21	125.15	-529.85	43.53	99.02	-335.52
44195	85.20	-2.50	-6.90	193.19	127.08	-569.61	41.25	123.57	-322.07
44196	85.17	-3.10	-6.90	189.53	120.74	-526.95	42.62	114.36	-322.80
44197	86.43	-2.50	-6.90	167.92	120.99	-569.25	39.30	137.67	-307.18
44198	86.39	-3.10	-6.90	165.07	115.26	-526.69	40.97	127.38	-307.94
44199	87.66	-2.50	-6.90	141.72	113.84	-573.05	36.69	149.45	-290.45
44200	87.62	-3.10	-6.90	139.67	108.76	-530.43	38.61	138.26	-291.26
44201	88.88	-2.50	-6.90	115.69	105.74	-582.52	33.52	159.32	-272.16
44202	88.84	-3.10	-6.90	114.41	101.32	-539.61	35.60	147.38	-273.03
44203	90.11	-2.50	-6.90	91.26	96.90	-599.13	29.90	168.08	-252.58
44204	90.06	-3.10	-6.90	90.62	93.13	-555.64	32.05	155.50	-253.56
44205	91.34	-2.50	-6.90	70.17	87.68	-623.99	25.98	177.15	-231.94
44206	91.28	-3.10	-6.90	69.97	84.51	-579.62	28.08	163.99	-233.13
44207	92.57	-2.50	-6.90	54.44	78.68	-657.18	22.00	189.14	-210.46
44208	92.50	-3.10	-6.90	54.40	76.02	-611.67	23.91	175.30	-211.99
44209	93.79	-2.50	-6.90	45.83	70.90	-695.71	18.31	208.65	-188.28
44210	93.73	-3.10	-6.90	45.58	68.57	-649.03	19.90	193.77	-190.41
44211	95.02	-2.50	-6.90	43.33	65.79	-729.58	15.70	241.90	-165.29
44212	94.95	-3.10	-6.90	42.64	63.48	-682.34	16.91	225.24	-168.40
44213	96.25	-2.50	-6.90	39.31	64.61	-739.55	15.42	290.83	-140.39
44214	96.17	-3.10	-6.90	38.53	61.86	-693.68	16.40	271.57	-144.85
44215	97.48	-2.50	-6.90	22.94	67.77	-705.30	17.90	344.09	-111.20
44216	97.39	-3.10	-6.90	23.21	64.18	-664.02	19.02	322.40	-117.14
44217	79.06	-2.50	-8.30	359.41	203.25	-562.81	57.63	10.65	-332.45
44218	79.06	-3.10	-8.30	351.09	188.93	-524.54	56.69	9.28	-332.14
44219	80.29	-2.50	-8.30	350.17	203.47	-560.45	59.36	30.46	-331.18
44220	80.28	-3.10	-8.30	342.00	189.34	-522.19	58.85	27.69	-330.88
44221	81.52	-2.50	-8.30	337.62	202.65	-557.61	60.91	48.89	-327.32
44222	81.51	-3.10	-8.30	329.74	188.81	-519.41	60.79	44.76	-327.03
44223	82.75	-2.50	-8.30	321.97	200.79	-554.77	62.15	65.75	-320.97
44224	82.73	-3.10	-8.30	314.54	187.34	-516.66	62.41	60.31	-320.70
44225	83.97	-2.50	-8.30	303.60	197.91	-552.61	63.00	80.91	-312.25
44226	83.95	-3.10	-8.30	296.73	184.93	-514.57	63.59	74.25	-312.01
44227	85.20	-2.50	-8.30	283.01	194.04	-551.99	63.40	94.42	-301.33
44228	85.17	-3.10	-8.30	276.79	181.61	-513.95	64.29	86.63	-301.13
44229	86.43	-2.50	-8.30	260.86	189.21	-553.92	63.33	106.48	-288.38
44230	86.39	-3.10	-8.30	255.34	177.39	-515.76	64.48	97.66	-288.24
44231	87.66	-2.50	-8.30	237.99	183.52	-559.50	62.83	117.52	-273.59
44232	87.62	-3.10	-8.30	233.17	172.35	-521.05	64.17	107.77	-273.56
44233	88.88	-2.50	-8.30	215.46	177.09	-569.82	61.97	128.24	-257.16
44234	88.84	-3.10	-8.30	211.29	166.60	-530.90	63.43	117.63	-257.28
44235	90.11	-2.50	-8.30	194.46	170.15	-585.75	60.83	139.74	-239.25
44236	90.06	-3.10	-8.30	190.84	160.31	-546.14	62.34	128.30	-239.60
44237	91.34	-2.50	-8.30	176.23	163.02	-607.46	59.56	153.62	-219.98
44238	91.28	-3.10	-8.30	173.03	153.78	-566.98	61.03	141.30	-220.70
44239	92.57	-2.50	-8.30	161.71	156.24	-633.59	58.33	172.16	-199.38
44240	92.50	-3.10	-8.30	158.74	147.49	-592.20	59.68	158.79	-200.65
44241	93.79	-2.50	-8.30	150.59	150.48	-659.92	57.41	197.98	-177.28
44242	93.73	-3.10	-8.30	147.74	142.06	-617.89	58.60	183.25	-179.34
44243	95.02	-2.50	-8.30	140.18	146.45	-678.39	57.14	232.46	-153.16
44244	94.95	-3.10	-8.30	137.54	138.14	-636.53	58.21	216.00	-156.24
44245	96.25	-2.50	-8.30	125.57	144.64	-678.28	57.68	272.91	-126.02
44246	96.17	-3.10	-8.30	123.58	136.24	-638.10	58.77	254.61	-130.31
44247	97.48	-2.50	-8.30	102.33	145.14	-650.85	58.57	310.72	-94.75
44248	97.39	-3.10	-8.30	101.66	136.49	-614.31	59.96	291.18	-100.20
44249	101.90	-2.50	-2.70	-4.77	-64.64	2.45	-55.22	-5.06	45.50
44250	101.05	-2.50	-2.70	-28.63	-62.19	-11.17	-128.32	8.59	24.98
44251	100.20	-2.50	-2.70	-115.31	-70.09	-27.84	-181.74	49.43	13.28
44252	99.36	-2.50	-2.70	-337.29	-90.32	-35.13	-214.60	139.67	-9.32
44253	98.51	-2.50	-2.70	-885.92	-223.72	-622.98	-228.10	595.09	-41.59



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]
44254	101.82	-3.10	-2.70	-7.26	-64.85	2.23	-56.78	-3.61	45.82
44255	100.97	-3.10	-2.70	-34.22	-58.28	-10.86	-129.30	9.07	25.11
44256	100.13	-3.10	-2.70	-120.52	-62.01	-26.77	-181.06	47.85	12.71
44257	99.28	-3.10	-2.70	-334.04	-77.73	-34.36	-209.72	133.06	-11.51
44258	98.43	-3.10	-2.70	-852.69	-199.31	-586.36	-214.34	560.30	-52.74
44259	101.90	-2.50	-4.10	-18.68	6.98	-6.45	-18.88	17.48	105.72
44260	101.05	-2.50	-4.10	-81.69	-3.38	-62.14	-55.00	71.43	62.08
44261	100.20	-2.50	-4.10	-191.01	-16.38	-106.55	-76.66	176.55	24.09
44262	99.36	-2.50	-4.10	-339.87	-50.83	-287.85	-84.76	380.02	-25.99
44263	98.51	-2.50	-4.10	-305.27	-87.36	-655.99	-93.74	509.83	-78.24
44264	101.82	-3.10	-4.10	-18.85	3.71	-6.36	-18.86	19.61	105.22
44265	100.97	-3.10	-4.10	-81.06	-4.24	-59.57	-53.91	70.26	60.58
44266	100.13	-3.10	-4.10	-186.40	-15.01	-101.93	-73.65	169.49	20.56
44267	99.28	-3.10	-4.10	-327.60	-46.29	-273.07	-79.36	360.19	-33.58
44268	98.43	-3.10	-4.10	-295.50	-78.91	-618.04	-89.68	479.76	-88.18
44269	101.90	-2.50	-5.50	-17.87	70.74	-55.75	2.04	51.97	135.96
44270	101.05	-2.50	-5.50	-72.75	55.21	-142.75	-8.46	139.65	83.21
44271	100.20	-2.50	-5.50	-141.06	39.28	-236.18	-14.13	260.99	30.84
44272	99.36	-2.50	-5.50	-161.62	20.16	-405.24	-17.80	385.26	-26.07
44273	98.51	-2.50	-5.50	-127.35	-1.34	-629.99	-24.62	430.75	-80.16
44274	101.82	-3.10	-5.50	-16.94	65.36	-53.68	3.33	53.59	135.10
44275	100.97	-3.10	-5.50	-69.95	50.90	-136.83	-6.36	136.14	80.73
44276	100.13	-3.10	-5.50	-135.01	36.16	-225.41	-10.95	250.06	26.06
44277	99.28	-3.10	-5.50	-154.38	18.53	-384.71	-14.51	365.47	-33.23
44278	98.43	-3.10	-5.50	-122.20	-0.74	-594.68	-22.29	405.53	-88.07
44279	101.90	-2.50	-6.90	-10.31	124.06	-144.18	15.12	76.10	150.47
44280	101.05	-2.50	-6.90	-39.80	110.84	-234.33	19.27	180.42	96.20
44281	100.20	-2.50	-6.90	-61.18	99.43	-330.23	22.74	279.66	40.73
44282	99.36	-2.50	-6.90	-51.86	87.48	-460.58	24.49	357.22	-16.27
44283	98.51	-2.50	-6.90	-13.13	75.90	-605.10	22.26	378.81	-70.34
44284	101.82	-3.10	-6.90	-8.97	117.33	-138.54	17.39	77.18	149.16
44285	100.97	-3.10	-6.90	-36.89	104.26	-224.44	21.97	175.46	92.93
44286	100.13	-3.10	-6.90	-56.73	93.15	-315.15	25.75	268.13	35.54
44287	99.28	-3.10	-6.90	-47.37	81.74	-437.68	27.18	339.27	-22.96
44288	98.43	-3.10	-6.90	-10.60	71.17	-572.28	24.08	356.96	-77.34
44289	101.90	-2.50	-8.30	-3.20	169.28	-253.11	23.61	84.51	156.71
44290	101.05	-2.50	-8.30	-8.35	163.29	-317.96	36.96	188.33	105.22
44291	100.20	-2.50	-8.30	-1.76	157.87	-395.62	47.74	268.30	51.79
44292	99.36	-2.50	-8.30	24.78	152.69	-489.73	55.29	321.00	-2.17
44293	98.51	-2.50	-8.30	65.57	148.00	-584.95	58.67	333.64	-53.65
44294	101.82	-3.10	-8.30	-1.68	161.68	-243.04	26.73	85.41	155.22
44295	100.97	-3.10	-8.30	-5.86	155.06	-304.40	40.26	183.22	101.75
44296	100.13	-3.10	-8.30	1.42	149.20	-377.57	51.00	257.51	46.75
44297	99.28	-3.10	-8.30	27.57	143.74	-465.80	58.07	305.19	-8.24
44298	98.43	-3.10	-8.30	66.80	139.10	-554.23	60.70	314.64	-59.88
44299	77.84	-2.50	-2.70	122.80	-6.82	-740.40	1.75	8.66	-377.79
44300	76.61	-2.50	-2.70	127.63	-7.45	-742.02	-2.00	-36.56	-373.63
44301	75.38	-2.50	-2.70	127.68	-9.00	-739.40	-5.79	-81.26	-364.94
44302	74.15	-2.50	-2.70	123.27	-11.38	-732.90	-9.37	-124.44	-352.03
44303	72.93	-2.50	-2.70	114.90	-14.49	-723.22	-12.58	-165.16	-335.34
44304	71.70	-2.50	-2.70	103.19	-18.14	-711.39	-15.38	-202.66	-315.36
44305	70.47	-2.50	-2.70	88.85	-22.06	-698.73	-17.88	-236.42	-292.60
44306	69.24	-2.50	-2.70	72.57	-25.83	-686.71	-20.33	-266.27	-267.46
44307	68.02	-2.50	-2.70	54.79	-28.91	-676.77	-23.11	-292.44	-240.15
44308	66.79	-2.50	-2.70	35.46	-30.77	-670.07	-26.60	-315.57	-210.59
44309	65.56	-2.50	-2.70	13.84	-31.12	-667.25	-30.96	-336.51	-178.34
44310	64.33	-2.50	-2.70	-11.60	-30.61	-668.35	-35.41	-356.03	-142.94
44311	63.11	-2.50	-2.70	-42.23	-31.87	-673.78	-36.93	-374.55	-105.51
44312	61.88	-2.50	-2.70	-76.53	-40.64	-686.23	-29.96	-393.95	-72.00
44313	60.65	-2.50	-2.70	-108.40	-63.23	-709.28	-8.74	-427.28	-59.94
44314	59.42	-2.50	-2.70	-143.49	-74.00	-696.08	20.24	-508.67	-76.80
44315	77.84	-3.10	-2.70	119.67	-4.48	-674.67	1.19	7.83	-382.14
44316	76.62	-3.10	-2.70	124.71	-4.98	-676.94	-3.06	-34.76	-378.03
44317	75.39	-3.10	-2.70	125.27	-6.21	-675.47	-7.37	-77.04	-369.39
44318	74.17	-3.10	-2.70	121.65	-8.10	-670.57	-11.49	-118.13	-356.53
44319	72.95	-3.10	-2.70	114.26	-10.55	-662.84	-15.22	-157.18	-339.85
44320	71.73	-3.10	-2.70	103.69	-13.36	-653.22	-18.49	-193.52	-319.85
44321	70.51	-3.10	-2.70	90.57	-16.26	-642.91	-21.36	-226.69	-297.03
44322	69.28	-3.10	-2.70	75.47	-18.82	-633.23	-23.99	-256.55	-271.84
44323	68.06	-3.10	-2.70	58.70	-20.44	-625.52	-26.67	-283.33	-244.56
44324	66.84	-3.10	-2.70	40.04	-20.50	-620.85	-29.74	-307.58	-215.19
44325	65.62	-3.10	-2.70	18.52	-18.62	-619.82	-33.52	-330.00	-183.38
44326	64.40	-3.10	-2.70	-7.50	-15.42	-622.64	-37.90	-351.14	-148.48
44327	63.17	-3.10	-2.70	-39.05	-14.17	-629.92	-41.73	-371.46	-110.29
44328	61.95	-3.10	-2.70	-73.44	-21.74	-643.77	-42.75	-394.01	-71.44
44329	60.73	-3.10	-2.70	-102.71	-50.19	-663.30	-41.50	-436.09	-37.14
44330	59.51	-3.10	-2.70	-131.94	-57.62	-637.28	-53.02	-534.40	-32.23
44331	77.84	-2.50	-4.10	166.73	34.62	-681.04	13.17	2.02	-378.12
44332	76.61	-2.50	-4.10	171.41	33.58	-682.63	10.91	-36.59	-374.02
44333	75.38	-2.50	-4.10	171.79	31.54	-681.12	8.57	-74.92	-366.04
44334	74.15	-2.50	-4.10	168.19	28.56	-676.84	6.36	-112.18	-354.42
44335	72.93	-2.50	-4.10	161.08	24.79	-670.38	4.39	-147.67	-339.50
44336	71.70	-2.50	-4.10	151.05	20.40	-662.57	2.73	-180.81	-321.66
44337	70.47	-2.50	-4.10	138.71	15.67	-654.38	1.35	-211.20	-301.32
44338	69.24	-2.50	-4.10	124.65	10.97	-646.89	0.16	-238.68	-278.82
44339	68.02	-2.50	-4.10	109.27	6.76	-641.08	-0.97	-263.26	-254.44
44340	66.79	-2.50	-4.10	92.71	3.54	-637.75	-2.13	-285.07	-228.34
44341	65.56	-2.50	-4.10	74.87	1.68	-637.49	-3.25	-304.15	-200.60
44342	64.33	-2.50	-4.10	55.87	1.11	-640.95	-3.87	-320.44	-171.51
44343	63.11	-2.50	-4.10	37.24	0.93	-649.19	-2.99	-334.44	-142.17
44344	61.88	-2.50	-4.10	23.41	-0.07	-662.80	0.77	-350.30	-115.81
44345	60.65	-2.50	-4.10	19.34	0.80	-671.00	6.55	-381.72	-98.17
44346	59.42	-2.50	-4.10	16.47	15.68	-630.56	5.46	-439.80	-93.62
44347	77.84	-3.10	-4.10	163.02	34.76	-623.92	12.38	1.34	-381.24
44348	76.62	-3.10	-4.10	167.85	33.82	-625.99	9.59	-35.07	-377.14
44349	75.39	-3.10	-4.10	168.61	32.03	-625.30	6.71	-71.38	-369.16
44350	74.17	-3.10	-4.10	165.59	29.45	-622.14	3.95	-106.89	-357.52
44351	72.95	-3.10	-4.10	159.23	26.21	-617.04	1.45	-140.96	-342.55
44352	71.73	-3.10	-4.10	150.05	22.50	-610.76	-0.70	-173.09	-324.62

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]
44353	70.51	-3.10	-4.10	138.61	18.57	-604.19	-2.48	-202.93	-304.16
44354	69.28	-3.10	-4.10	125.40	14.81	-598.31	-3.94	-230.32	-281.53
44355	68.06	-3.10	-4.10	110.74	11.71	-594.02	-5.15	-255.28	-257.07
44356	66.84	-3.10	-4.10	94.64	9.81	-592.09	-6.15	-277.87	-231.01
44357	65.62	-3.10	-4.10	76.87	9.58	-593.13	-6.97	-298.02	-203.46
44358	64.40	-3.10	-4.10	57.43	11.01	-597.95	-7.46	-315.47	-174.56
44359	63.17	-3.10	-4.10	37.87	13.17	-607.90	-7.34	-330.54	-144.75
44360	61.95	-3.10	-4.10	22.96	14.20	-623.84	-6.18	-347.49	-115.49
44361	60.73	-3.10	-4.10	17.88	16.79	-635.28	-3.65	-380.55	-92.06
44362	59.51	-3.10	-4.10	14.94	29.42	-594.75	-1.84	-443.80	-85.20
44363	77.84	-2.50	-5.50	221.78	83.52	-632.41	26.12	-3.56	-373.06
44364	76.61	-2.50	-5.50	226.00	82.09	-633.85	24.69	-36.04	-368.95
44365	75.38	-2.50	-5.50	226.32	79.63	-633.11	23.23	-68.52	-361.50
44366	74.15	-2.50	-5.50	223.06	76.21	-630.49	21.90	-100.39	-350.88
44367	72.93	-2.50	-5.50	216.65	71.97	-626.47	20.83	-131.12	-337.35
44368	71.70	-2.50	-5.50	207.62	67.08	-621.71	20.08	-160.29	-321.24
44369	70.47	-2.50	-5.50	196.57	61.78	-616.96	19.68	-187.60	-302.89
44370	69.24	-2.50	-5.50	184.08	56.41	-613.03	19.66	-212.91	-282.66
44371	68.02	-2.50	-5.50	170.69	51.37	-610.68	20.04	-236.17	-260.88
44372	66.79	-2.50	-5.50	156.94	47.12	-610.52	20.90	-257.40	-237.91
44373	65.56	-2.50	-5.50	143.46	44.11	-613.09	22.41	-276.70	-214.13
44374	64.33	-2.50	-5.50	131.40	42.71	-618.72	24.87	-294.55	-190.12
44375	63.11	-2.50	-5.50	122.74	43.28	-626.96	28.71	-312.80	-166.89
44376	61.88	-2.50	-5.50	119.53	46.64	-633.55	34.03	-336.39	-146.20
44377	60.65	-2.50	-5.50	119.20	54.87	-623.84	39.66	-371.74	-130.12
44378	59.42	-2.50	-5.50	110.35	70.38	-574.68	43.17	-414.06	-118.75
44379	77.84	-3.10	-5.50	217.01	80.11	-582.63	25.13	-4.02	-374.88
44380	76.62	-3.10	-5.50	221.34	78.76	-584.39	23.17	-34.65	-370.76
44381	75.39	-3.10	-5.50	221.97	76.48	-584.22	21.18	-65.42	-363.27
44382	74.17	-3.10	-5.50	219.19	73.38	-582.35	19.31	-95.79	-352.59
44383	72.95	-3.10	-5.50	213.38	69.56	-579.24	17.71	-125.29	-338.97
44384	71.73	-3.10	-5.50	205.04	65.19	-575.49	16.47	-153.54	-322.74
44385	70.51	-3.10	-5.50	194.71	60.51	-571.80	15.65	-180.29	-304.24
44386	69.28	-3.10	-5.50	182.91	55.85	-568.93	15.31	-205.41	-283.84
44387	68.06	-3.10	-5.50	170.13	51.60	-567.57	15.51	-228.85	-261.93
44388	66.84	-3.10	-5.50	156.82	48.26	-568.36	16.34	-250.59	-238.89
44389	65.62	-3.10	-5.50	143.58	46.32	-571.86	17.95	-270.66	-215.14
44390	64.40	-3.10	-5.50	131.50	46.20	-578.53	20.55	-289.43	-191.23
44391	63.17	-3.10	-5.50	122.66	48.24	-588.18	24.40	-308.64	-167.99
44392	61.95	-3.10	-5.50	119.32	53.21	-596.86	29.68	-333.31	-147.03
44393	60.73	-3.10	-5.50	119.31	62.81	-589.67	35.76	-370.43	-131.13
44394	59.51	-3.10	-5.50	110.75	79.31	-543.09	39.61	-415.41	-121.74
44395	77.84	-2.50	-6.90	288.00	139.59	-593.85	40.44	-7.74	-358.67
44396	76.61	-2.50	-6.90	291.42	137.76	-594.96	39.22	-34.60	-354.59
44397	75.38	-2.50	-6.90	291.27	134.92	-594.64	38.09	-61.70	-347.60
44398	74.15	-2.50	-6.90	287.83	131.14	-593.11	37.19	-88.61	-337.83
44399	72.93	-2.50	-6.90	281.48	126.54	-590.75	36.64	-114.95	-325.50
44400	71.70	-2.50	-6.90	272.68	121.27	-588.11	36.54	-140.45	-310.89
44401	70.47	-2.50	-6.90	262.00	115.54	-585.76	36.97	-164.93	-294.29
44402	69.24	-2.50	-6.90	250.02	109.61	-584.33	38.01	-188.31	-276.08
44403	68.02	-2.50	-6.90	237.41	103.84	-584.37	39.77	-210.64	-256.64
44404	66.79	-2.50	-6.90	224.87	98.61	-586.31	42.41	-232.07	-236.42
44405	65.56	-2.50	-6.90	213.28	94.36	-590.27	46.16	-252.95	-215.97
44406	64.33	-2.50	-6.90	203.62	91.59	-595.74	51.33	-274.14	-195.96
44407	63.11	-2.50	-6.90	196.68	90.86	-600.51	58.17	-297.34	-177.27
44408	61.88	-2.50	-6.90	191.65	92.83	-598.78	66.74	-324.72	-160.91
44409	60.65	-2.50	-6.90	184.51	98.02	-580.55	76.68	-355.82	-147.60
44410	59.42	-2.50	-6.90	170.03	106.16	-535.86	87.50	-383.55	-137.21
44411	77.84	-3.10	-6.90	281.70	131.33	-550.32	39.25	-7.96	-359.29
44412	76.62	-3.10	-6.90	285.26	129.54	-551.65	37.53	-33.24	-355.19
44413	75.39	-3.10	-6.90	285.41	126.84	-551.68	35.89	-58.88	-348.14
44414	74.17	-3.10	-6.90	282.41	123.30	-550.63	34.48	-84.48	-338.31
44415	72.95	-3.10	-6.90	276.61	119.02	-548.84	33.43	-109.73	-325.88
44416	71.73	-3.10	-6.90	268.45	114.16	-546.82	32.85	-134.38	-311.13
44417	70.51	-3.10	-6.90	258.44	108.90	-545.12	32.85	-158.28	-294.39
44418	69.28	-3.10	-6.90	247.15	103.50	-544.32	33.52	-181.39	-276.01
44419	68.06	-3.10	-6.90	235.17	98.29	-544.97	35.00	-203.75	-256.41
44420	66.84	-3.10	-6.90	223.22	93.65	-547.50	37.46	-225.49	-236.09
44421	65.62	-3.10	-6.90	212.13	90.04	-552.09	41.13	-246.95	-215.60
44422	64.40	-3.10	-6.90	202.92	87.94	-558.30	46.26	-268.93	-195.67
44423	63.17	-3.10	-6.90	196.46	87.90	-564.06	53.08	-293.13	-177.17
44424	61.95	-3.10	-6.90	192.09	90.52	-563.68	61.60	-321.80	-161.18
44425	60.73	-3.10	-6.90	185.86	96.21	-547.17	71.31	-354.64	-148.48
44426	59.51	-3.10	-6.90	172.58	104.62	-504.38	81.58	-384.89	-138.75
44427	77.84	-2.50	-8.30	365.20	202.00	-564.38	55.87	-10.25	-331.11
44428	76.61	-2.50	-8.30	367.56	199.76	-565.02	54.23	-31.91	-327.17
44429	75.38	-2.50	-8.30	366.57	196.54	-564.75	52.86	-54.02	-320.68
44430	74.15	-2.50	-8.30	362.45	192.43	-563.77	51.91	-76.27	-311.78
44431	72.93	-2.50	-8.30	355.50	187.51	-562.37	51.52	-98.45	-300.64
44432	71.70	-2.50	-8.30	346.11	181.90	-560.96	51.78	-120.40	-287.48
44433	70.47	-2.50	-8.30	334.75	175.76	-559.99	52.83	-142.06	-272.60
44434	69.24	-2.50	-8.30	321.97	169.28	-559.91	54.79	-163.49	-256.34
44435	68.02	-2.50	-8.30	308.37	162.71	-561.10	57.81	-184.83	-239.12
44436	66.79	-2.50	-8.30	294.65	156.34	-563.73	62.09	-206.35	-221.43
44437	65.56	-2.50	-8.30	281.47	150.49	-567.54	67.92	-228.45	-203.87
44438	64.33	-2.50	-8.30	269.37	145.54	-571.46	75.60	-251.73	-187.12
44439	63.11	-2.50	-8.30	258.28	141.86	-572.92	85.49	-276.79	-171.94
44440	61.88	-2.50	-8.30	247.00	139.75	-567.51	97.88	-303.31	-159.02
44441	60.65	-2.50	-8.30	233.41	139.27	-549.74	113.11	-328.69	-148.84
44442	59.42	-2.50	-8.30	215.87	140.16	-515.41	131.70	-347.26	-141.44
44443	77.84	-3.10	-8.30	356.92	187.59	-526.16	54.49	-10.24	-330.77
44444	76.62	-3.10	-8.30	359.47	185.35	-526.93	52.39	-30.56	-326.80
44445	75.39	-3.10	-8.30	358.83	182.23	-526.88	50.55	-51.41	-320.26
44446	74.17	-3.10	-8.30	355.20	178.31	-526.17	49.13	-72.53	-311.28
44447	72.95	-3.10	-8.30	348.85	173.66	-525.09	48.25	-93.73	-300.04
44448	71.73	-3.10	-8.30	340.15	168.38	-524.02	48.05	-114.89	-286.77
44449	70.51	-3.10	-8.30	329.54	162.61	-523.39	48.66	-135.98	-271.74
44450	69.28	-3.10	-8.30	317.54	156.54	-523.64	50.20	-157.07	-255.33
44451	68.06	-3.10	-8.30	304.75	150.39	-525.15	52.85	-178.33	-237.96

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]
44452	66.84	-3.10	-8.30	291.83	144.40	-528.10	56.79	-200.03	-220.15
44453	65.62	-3.10	-8.30	279.48	138.90	-532.29	62.30	-222.58	-202.53
44454	64.40	-3.10	-8.30	268.27	134.22	-536.69	69.67	-246.57	-185.80
44455	63.17	-3.10	-8.30	258.19	130.71	-538.83	79.16	-272.61	-170.73
44456	61.95	-3.10	-8.30	248.14	128.61	-534.36	91.01	-300.46	-157.98
44457	60.73	-3.10	-8.30	236.08	127.96	-517.77	105.43	-327.65	-147.94
44458	59.51	-3.10	-8.30	220.34	128.60	-484.68	122.88	-348.66	-140.56
44459	58.39	-2.50	-2.70	-150.40	-22.91	-560.53	37.48	-574.60	-90.69
44460	57.54	-2.50	-2.70	-49.82	46.35	-435.51	23.27	-481.78	-111.24
44461	56.70	-2.50	-2.70	48.56	65.52	-401.83	-2.74	-438.18	-180.55
44462	55.85	-2.50	-2.70	111.07	117.68	-331.68	39.89	-421.32	-259.92
44463	55.01	-2.50	-2.70	86.13	129.22	-299.66	111.51	-471.19	-311.77
44464	58.47	-3.10	-2.70	-125.22	9.23	-413.49	-117.95	-647.05	-113.33
44465	57.62	-3.10	-2.70	-9.74	98.59	-129.63	-187.69	-576.23	-184.14
44466	56.77	-3.10	-2.70	116.75	135.07	56.96	-219.47	-539.79	-218.76
44467	55.93	-3.10	-2.70	272.52	141.39	257.43	-191.80	-537.91	-262.38
44468	55.08	-3.10	-2.70	633.35	384.18	599.03	-118.08	-735.07	-151.98
44469	58.39	-2.50	-4.10	-7.15	73.78	-481.08	-14.03	-480.81	-92.07
44470	57.54	-2.50	-4.10	-0.34	146.79	-296.54	-33.94	-423.29	-84.67
44471	56.70	-2.50	-4.10	65.28	176.75	-179.10	-44.20	-350.50	-92.78
44472	55.85	-2.50	-4.10	140.86	203.10	-88.85	-17.28	-315.44	-117.69
44473	55.01	-2.50	-4.10	187.36	237.36	-25.35	101.68	-403.76	-251.37
44474	58.47	-3.10	-4.10	-12.23	75.58	-438.61	-12.10	-490.35	-99.04
44475	57.62	-3.10	-4.10	-8.10	121.26	-240.67	-47.60	-440.51	-111.06
44476	56.77	-3.10	-4.10	59.85	124.39	-104.00	-77.39	-373.92	-113.80
44477	55.93	-3.10	-4.10	159.82	76.64	10.26	-71.66	-354.65	-120.23
44478	55.08	-3.10	-4.10	353.94	156.92	181.26	-1.32	-496.92	-53.73
44479	58.39	-2.50	-5.50	82.44	93.29	-458.82	42.73	-438.30	-108.90
44480	57.54	-2.50	-5.50	57.69	116.21	-306.51	39.63	-407.94	-96.63
44481	56.70	-2.50	-5.50	66.82	123.51	-180.86	39.06	-347.60	-86.94
44482	55.85	-2.50	-5.50	117.46	111.84	-92.19	42.12	-300.20	-87.77
44483	55.01	-2.50	-5.50	215.38	143.98	-6.34	61.20	-384.72	-197.33
44484	58.47	-3.10	-5.50	83.26	103.80	-428.74	37.17	-444.48	-114.62
44485	57.62	-3.10	-5.50	57.71	129.47	-275.43	30.97	-421.51	-104.40
44486	56.77	-3.10	-5.50	65.35	137.86	-145.57	20.73	-368.95	-91.62
44487	55.93	-3.10	-5.50	113.18	120.06	-49.85	5.87	-330.77	-85.03
44488	55.08	-3.10	-5.50	222.75	134.45	37.78	-20.29	-447.64	-4.98
44489	58.39	-2.50	-6.90	143.79	117.41	-450.89	100.69	-394.14	-127.86
44490	57.54	-2.50	-6.90	115.32	126.94	-335.80	117.37	-368.97	-117.08
44491	56.70	-2.50	-6.90	100.38	126.60	-220.28	134.76	-316.66	-102.84
44492	55.85	-2.50	-6.90	123.17	86.00	-131.25	131.35	-275.95	-69.34
44493	55.01	-2.50	-6.90	266.92	126.97	-28.07	58.35	-352.00	-124.28
44494	58.47	-3.10	-6.90	147.19	116.04	-420.39	93.61	-399.71	-130.15
44495	57.62	-3.10	-6.90	116.99	126.94	-303.51	107.18	-380.44	-120.11
44496	56.77	-3.10	-6.90	95.81	125.05	-184.71	116.99	-333.73	-103.75
44497	55.93	-3.10	-6.90	97.63	107.28	-85.83	94.60	-296.87	-70.84
44498	55.08	-3.10	-6.90	119.62	63.38	-35.76	-15.30	-423.26	42.09
44499	58.39	-2.50	-8.30	192.04	142.22	-455.56	157.66	-350.09	-136.23
44500	57.54	-2.50	-8.30	168.26	142.35	-372.87	194.20	-323.36	-130.95
44501	56.70	-2.50	-8.30	155.90	138.46	-277.89	239.67	-264.91	-119.97
44502	55.85	-2.50	-8.30	166.57	88.73	-170.94	286.57	-209.39	-60.23
44503	55.01	-2.50	-8.30	270.08	117.58	-35.23	301.89	-301.46	53.02
44504	58.47	-3.10	-8.30	198.22	130.45	-425.26	147.22	-355.03	-135.12
44505	57.62	-3.10	-8.30	173.87	132.66	-340.72	180.78	-331.95	-129.53
44506	56.77	-3.10	-8.30	154.78	127.82	-241.61	219.44	-275.55	-116.21
44507	55.93	-3.10	-8.30	140.04	111.68	-123.62	243.51	-210.44	-56.17
44508	55.08	-3.10	-8.30	68.60	32.45	-25.94	200.47	-317.50	164.20
44509	97.23	-3.96	-2.70	-640.07	-208.09	-944.79	-128.86	391.64	-26.31
44510	96.02	-3.96	-2.70	-471.54	-168.00	-821.00	-90.66	297.10	-50.54
44511	94.81	-3.96	-2.70	-372.89	-128.83	-679.79	-69.18	286.45	-88.71
44512	93.60	-3.96	-2.70	-300.81	-101.30	-601.92	-53.49	279.92	-122.01
44513	92.39	-3.96	-2.70	-243.02	-79.75	-551.29	-39.96	275.55	-153.08
44514	91.18	-3.96	-2.70	-193.38	-62.52	-520.18	-27.87	270.82	-182.98
44515	89.96	-3.96	-2.70	-148.82	-48.52	-503.21	-17.15	264.10	-212.06
44516	88.75	-3.96	-2.70	-107.84	-37.11	-496.89	-7.89	254.36	-240.28
44517	87.54	-3.96	-2.70	-69.84	-27.85	-498.48	-0.28	240.97	-267.35
44518	86.33	-3.96	-2.70	-34.69	-20.41	-505.68	5.57	223.60	-292.84
44519	85.12	-3.95	-2.70	-2.52	-14.53	-516.55	9.57	202.20	-316.20
44520	83.90	-3.95	-2.70	26.44	-9.98	-529.39	11.71	176.93	-336.89
44521	82.69	-3.95	-2.70	51.90	-6.56	-542.78	12.10	148.08	-354.33
44522	81.48	-3.95	-2.70	73.61	-4.12	-555.57	10.88	116.08	-368.06
44523	80.27	-3.95	-2.70	91.36	-2.52	-566.81	8.29	81.43	-377.64
44524	79.06	-3.95	-2.70	104.99	-1.63	-575.80	4.64	44.73	-382.80
44525	96.98	-5.08	-2.70	-585.74	-165.82	-814.73	-115.53	344.26	-33.31
44526	95.78	-5.08	-2.70	-431.82	-134.56	-699.00	-80.96	261.28	-53.50
44527	94.59	-5.08	-2.70	-341.27	-101.61	-569.87	-60.84	250.83	-90.58
44528	93.39	-5.08	-2.70	-274.94	-78.05	-497.11	-46.13	244.53	-123.34
44529	92.20	-5.07	-2.70	-221.60	-59.62	-449.32	-33.46	240.18	-153.99
44530	91.00	-5.07	-2.70	-175.75	-45.00	-419.28	-22.20	235.54	-183.44
44531	89.81	-5.07	-2.70	-134.64	-33.31	-402.06	-12.30	229.21	-212.00
44532	88.61	-5.07	-2.70	-96.95	-23.97	-394.47	-3.88	220.30	-239.59
44533	87.42	-5.07	-2.70	-62.13	-16.58	-394.02	2.92	208.29	-265.94
44534	86.22	-5.06	-2.70	-30.03	-10.82	-398.69	7.99	192.94	-290.63
44535	85.03	-5.06	-2.70	-0.74	-6.41	-406.77	11.27	174.22	-313.17
44536	83.83	-5.06	-2.70	25.58	-3.12	-416.85	12.76	152.26	-333.05
44537	82.63	-5.06	-2.70	48.74	-0.75	-427.75	12.56	127.31	-349.78
44538	81.44	-5.06	-2.70	68.55	0.88	-438.49	10.82	99.69	-362.91
44539	80.24	-5.05	-2.70	84.87	1.92	-448.33	7.77	69.79	-372.08
44540	79.05	-5.05	-2.70	97.59	2.50	-456.68	3.65	38.05	-377.03
44541	96.66	-6.18	-2.70	-531.96	-124.35	-686.71	-104.66	297.78	-35.52
44542	95.49	-6.18	-2.70	-392.59	-101.74	-579.15	-73.25	226.31	-52.69
44543	94.31	-6.18	-2.70	-310.06	-75.03	-462.09	-54.35	216.03	-88.41
44544	93.14	-6.18	-2.70	-249.45	-55.45	-394.40	-40.53	209.90	-120.38
44545	91.96	-6.17	-2.70	-200.59	-40.11	-349.37	-28.67	205.53	-150.29
44546	90.79	-6.17	-2.70	-158.58	-28.05	-320.32	-18.23	200.99	-178.95
44547	89.61	-6.17	-2.70	-120.98	-18.55	-302.79	-9.15	195.07	-206.59
44548	88.44	-6.17	-2.70	-86.64	-11.16	-293.89	-1.54	187.01	-233.14
44549	87.26	-6.17	-2.70	-55.03	-5.49	-291.41	4.50	176.41	-258.34
44550	86.09	-6.16	-2.70	-26.02	-1.23	-293.57	8.87	163.07	-281.82

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]
44551	84.91	-6.16	-2.70	0.38	1.88	-298.94	11.54	146.97	-303.14
44552	83.74	-6.16	-2.70	24.06	4.07	-306.32	12.52	128.24	-321.86
44553	82.56	-6.16	-2.70	44.89	5.55	-314.75	11.91	107.06	-337.57
44554	81.39	-6.16	-2.70	62.77	6.50	-323.45	9.85	83.67	-349.86
44555	80.21	-6.15	-2.70	77.59	7.07	-331.83	6.53	58.34	-358.43
44556	79.04	-6.15	-2.70	89.30	7.39	-339.42	2.19	31.39	-363.04
44557	96.28	-7.26	-2.70	-479.07	-83.37	-560.81	-96.11	252.50	-33.07
44558	95.13	-7.26	-2.70	-354.08	-69.20	-461.27	-67.46	192.38	-48.15
44559	93.98	-7.26	-2.70	-279.41	-48.68	-356.19	-49.70	182.31	-82.33
44560	92.83	-7.26	-2.70	-224.44	-33.11	-293.57	-36.67	176.32	-113.27
44561	91.68	-7.26	-2.70	-180.05	-20.81	-251.24	-25.57	171.96	-142.17
44562	90.53	-7.26	-2.70	-141.90	-11.20	-223.14	-15.90	167.56	-169.70
44563	89.38	-7.26	-2.70	-107.87	-3.79	-205.28	-7.61	162.09	-196.08
44564	88.23	-7.26	-2.70	-76.89	1.81	-195.10	-0.76	154.95	-221.24
44565	87.08	-7.26	-2.70	-48.51	5.94	-190.65	4.58	145.77	-244.92
44566	85.93	-7.26	-2.70	-22.57	8.88	-190.43	8.35	134.41	-266.83
44567	84.78	-7.26	-2.70	0.96	10.87	-193.21	10.52	120.86	-286.61
44568	83.63	-7.25	-2.70	22.02	12.15	-198.01	11.13	105.22	-303.89
44569	82.48	-7.25	-2.70	40.54	12.89	-204.07	10.27	87.62	-318.32
44570	81.33	-7.25	-2.70	56.47	13.30	-210.78	8.07	68.24	-329.56
44571	80.18	-7.25	-2.70	69.74	13.50	-217.66	4.69	47.24	-337.36
44572	79.03	-7.25	-2.70	80.34	13.63	-224.36	0.32	24.84	-341.50
44573	97.23	-3.96	-4.10	-243.20	-85.72	-778.99	-92.16	334.71	-110.23
44574	96.02	-3.96	-4.10	-245.76	-86.55	-762.46	-72.33	242.81	-114.46
44575	94.81	-3.96	-4.10	-229.37	-72.26	-675.00	-52.57	215.82	-134.23
44576	93.60	-3.96	-4.10	-196.50	-54.66	-601.75	-37.85	214.22	-159.81
44577	92.39	-3.96	-4.10	-159.36	-38.42	-551.49	-25.87	215.40	-185.99
44578	91.18	-3.96	-4.10	-121.65	-24.03	-518.01	-15.56	215.21	-211.91
44579	89.96	-3.96	-4.10	-84.62	-11.57	-497.57	-6.58	212.25	-237.27
44580	88.75	-3.96	-4.10	-48.80	-0.92	-487.17	1.12	205.94	-261.81
44581	87.54	-3.96	-4.10	-14.59	8.04	-484.40	7.50	196.00	-285.19
44582	86.33	-3.96	-4.10	17.63	15.45	-487.22	12.47	182.35	-307.03
44583	85.12	-3.95	-4.10	47.44	21.46	-493.84	15.99	165.04	-326.87
44584	83.90	-3.95	-4.10	74.44	26.20	-502.74	18.08	144.23	-344.27
44585	82.69	-3.95	-4.10	98.28	29.79	-512.59	18.78	120.21	-358.79
44586	81.48	-3.95	-4.10	118.64	32.34	-522.32	18.24	93.34	-370.03
44587	80.27	-3.95	-4.10	135.28	33.94	-531.06	16.63	64.06	-377.68
44588	79.06	-3.95	-4.10	148.06	34.67	-538.17	14.16	32.89	-381.51
44589	96.98	-5.08	-4.10	-228.69	-64.03	-673.05	-86.51	289.83	-115.62
44590	95.78	-5.08	-4.10	-228.05	-65.13	-652.13	-66.58	210.49	-116.58
44591	94.59	-5.08	-4.10	-210.68	-53.59	-671.24	-46.65	186.54	-134.62
44592	93.39	-5.08	-4.10	-179.38	-38.74	-603.26	-32.03	184.73	-159.43
44593	92.20	-5.07	-4.10	-144.53	-24.89	-456.11	-20.36	185.53	-185.14
44594	91.00	-5.07	-4.10	-109.34	-12.63	-424.32	-10.52	185.20	-210.64
44595	89.81	-5.07	-4.10	-74.92	-2.11	-404.41	-2.11	182.48	-235.55
44596	88.61	-5.07	-4.10	-41.76	6.75	-393.66	4.95	176.88	-259.57
44597	87.42	-5.07	-4.10	-10.19	14.07	-389.85	10.64	168.19	-282.38
44598	86.22	-5.06	-4.10	19.45	20.01	-391.16	14.91	156.33	-303.60
44599	85.03	-5.06	-4.10	46.80	24.72	-396.01	17.75	141.36	-322.81
44600	83.83	-5.06	-4.10	71.55	28.33	-403.08	19.18	123.43	-339.60
44601	82.63	-5.06	-4.10	93.40	30.99	-411.23	19.25	102.75	-353.58
44602	81.44	-5.06	-4.10	112.11	32.82	-419.57	18.10	79.62	-364.38
44603	80.24	-5.05	-4.10	127.51	33.91	-427.35	15.89	54.37	-371.71
44604	79.05	-5.05	-4.10	139.48	34.37	-434.05	12.83	27.40	-375.36
44605	96.66	-6.18	-4.10	-214.12	-43.15	-568.85	-80.86	245.88	-116.45
44606	95.49	-6.18	-4.10	-210.42	-44.44	-543.84	-61.28	178.89	-115.29
44607	94.31	-6.18	-4.10	-192.17	-35.63	-469.54	-41.67	157.94	-131.73
44608	93.14	-6.18	-4.10	-162.49	-23.53	-406.78	-27.37	155.92	-155.50
44609	91.96	-6.17	-4.10	-129.98	-12.04	-362.66	-16.13	156.33	-180.40
44610	90.79	-6.17	-4.10	-97.39	-1.87	-332.44	-6.83	155.86	-205.11
44611	89.61	-6.17	-4.10	-65.66	6.79	-312.96	0.95	153.40	-229.18
44612	88.44	-6.17	-4.10	-35.21	13.96	-301.75	7.35	148.52	-252.30
44613	87.26	-6.17	-4.10	-6.35	19.77	-296.82	12.38	141.06	-274.14
44614	86.09	-6.16	-4.10	20.65	24.36	-296.56	16.02	130.97	-294.37
44615	84.91	-6.16	-4.10	45.49	27.89	-299.60	18.26	118.29	-312.60
44616	83.74	-6.16	-4.10	67.94	30.51	-304.80	19.13	103.14	-328.48
44617	82.56	-6.16	-4.10	87.75	32.36	-311.21	18.71	85.71	-341.65
44618	81.39	-6.16	-4.10	104.77	33.57	-318.08	17.11	66.19	-351.79
44619	80.21	-6.15	-4.10	118.84	34.24	-324.81	14.49	44.85	-358.65
44620	79.04	-6.15	-4.10	129.89	34.47	-330.96	11.03	21.96	-362.02
44621	96.28	-7.26	-4.10	-199.60	-23.15	-466.75	-75.27	203.20	-112.79
44622	95.13	-7.26	-4.10	-193.07	-24.52	-437.75	-56.45	148.11	-110.60
44623	93.98	-7.26	-4.10	-174.04	-18.29	-369.79	-37.62	130.23	-125.63
44624	92.83	-7.26	-4.10	-145.98	-8.85	-312.14	-23.83	128.05	-148.15
44625	91.68	-7.26	-4.10	-115.85	0.38	-270.95	-13.14	128.13	-171.93
44626	90.53	-7.26	-4.10	-85.89	8.59	-242.20	-4.45	127.56	-195.53
44627	89.38	-7.26	-4.10	-56.88	15.49	-223.08	2.68	125.38	-218.41
44628	88.23	-7.26	-4.10	-29.18	21.10	-211.34	8.42	121.25	-240.27
44629	87.08	-7.26	-4.10	-3.05	25.53	-205.26	12.83	115.02	-260.80
44630	85.93	-7.26	-4.10	21.29	28.93	-203.42	15.89	106.64	-279.70
44631	84.78	-7.26	-4.10	43.62	31.44	-204.65	17.62	96.17	-296.66
44632	83.63	-7.25	-4.10	63.75	33.22	-207.99	18.06	83.69	-311.36
44633	82.48	-7.25	-4.10	81.51	34.39	-212.65	17.28	69.33	-323.49
44634	81.33	-7.25	-4.10	96.78	35.10	-218.03	15.39	53.26	-332.79
44635	80.18	-7.25	-4.10	109.46	35.44	-223.64	12.52	35.63	-339.02
44636	79.03	-7.25	-4.10	119.49	35.51	-229.12	8.84	16.64	-342.00
44637	97.23	-3.96	-5.50	-77.63	-8.80	-669.70	-28.50	317.30	-128.99
44638	96.02	-3.96	-5.50	-71.91	-10.48	-690.55	-28.39	248.36	-146.53
44639	94.81	-3.96	-5.50	-75.77	-6.26	-652.69	-20.84	202.98	-163.91
44640	93.60	-3.96	-5.50	-69.93	2.67	-599.06	-11.71	183.97	-184.56
44641	92.39	-3.96	-5.50	-53.07	13.40	-552.96	-3.26	177.19	-206.88
44642	91.18	-3.96	-5.50	-29.51	24.18	-518.89	4.28	173.71	-229.51
44643	89.96	-3.96	-5.50	-2.35	34.29	-495.86	10.92	169.93	-251.79
44644	88.75	-3.96	-5.50	26.39	43.38	-482.04	16.62	164.30	-273.31
44645	87.54	-3.96	-5.50	55.33	51.31	-475.52	21.33	156.12	-293.69
44646	86.33	-3.96	-5.50	83.48	58.04	-474.52	25.00	145.08	-312.56
44647	85.12	-3.95	-5.50	110.04	63.59	-477.42	27.59	131.09	-329.55
44648	83.90	-3.95	-5.50	134.39	68.00	-482.80	29.09	114.22	-344.28
44649	82.69	-3.95	-5.50	156.03	71.33	-489.47	29.56	94.63	-356.41

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]
44650	81.48	-3.95	-5.50	174.58	73.64	-496.43	29.09	72.58	-365.64
44651	80.27	-3.95	-5.50	189.76	74.97	-502.88	27.80	48.41	-371.71
44652	79.06	-3.95	-5.50	201.39	75.40	-508.24	25.88	22.53	-374.45
44653	96.98	-5.08	-5.50	-73.32	-3.83	-581.24	-25.98	273.56	-133.90
44654	95.78	-5.08	-5.50	-67.78	-3.54	-593.46	-25.47	213.30	-148.67
44655	94.59	-5.08	-5.50	-69.44	0.72	-556.46	-17.37	173.58	-163.99
44656	93.39	-5.08	-5.50	-62.49	8.59	-506.49	-7.82	156.62	-183.33
44657	92.20	-5.07	-5.50	-45.93	17.90	-463.57	0.77	150.45	-204.82
44658	91.00	-5.07	-5.50	-23.53	27.19	-431.68	8.21	147.32	-226.84
44659	89.81	-5.07	-5.50	1.97	35.81	-409.89	14.55	144.05	-248.60
44660	88.61	-5.07	-5.50	28.76	43.45	-396.52	19.82	139.26	-269.60
44661	87.42	-5.07	-5.50	55.63	50.01	-389.81	24.01	132.31	-289.46
44662	86.22	-5.06	-5.50	81.67	55.48	-388.15	27.10	122.94	-307.81
44663	85.03	-5.06	-5.50	106.18	59.90	-390.10	29.07	111.07	-324.28
44664	83.83	-5.06	-5.50	128.63	63.32	-394.41	29.95	96.72	-338.54
44665	82.63	-5.06	-5.50	148.59	65.83	-400.03	29.79	80.03	-350.25
44666	81.44	-5.06	-5.50	165.75	67.49	-406.10	28.68	61.19	-359.13
44667	80.24	-5.05	-5.50	179.87	68.37	-411.94	26.75	40.46	-364.96
44668	79.05	-5.05	-5.50	190.81	68.55	-417.07	24.17	18.14	-367.55
44669	96.66	-6.18	-5.50	-68.92	0.88	-494.31	-23.60	230.81	-134.19
44670	95.49	-6.18	-5.50	-63.49	2.88	-498.28	-22.56	179.09	-146.90
44671	94.31	-6.18	-5.50	-63.04	7.07	-462.21	-14.21	144.90	-160.58
44672	93.14	-6.18	-5.50	-55.07	13.85	-415.85	-4.56	129.95	-178.65
44673	91.96	-6.17	-5.50	-38.92	21.75	-376.01	3.95	124.37	-199.14
44674	90.79	-6.17	-5.50	-17.78	29.59	-346.16	11.13	121.59	-220.29
44675	89.61	-6.17	-5.50	5.96	36.78	-325.47	17.08	118.82	-241.22
44676	88.44	-6.17	-5.50	30.74	43.06	-312.39	21.86	114.85	-261.39
44677	87.26	-6.17	-5.50	55.44	48.35	-305.36	25.51	109.12	-280.40
44678	86.09	-6.16	-5.50	79.29	52.66	-302.92	28.04	101.39	-297.91
44679	84.91	-6.16	-5.50	101.68	56.05	-303.80	29.46	91.56	-313.57
44680	83.74	-6.16	-5.50	122.16	58.59	-306.93	29.80	79.66	-327.09
44681	82.56	-6.16	-5.50	140.38	60.38	-311.40	29.11	65.78	-338.16
44682	81.39	-6.16	-5.50	156.06	61.48	-316.48	27.50	50.05	-346.52
44683	80.21	-6.15	-5.50	169.04	61.99	-321.61	25.08	32.66	-351.97
44684	79.04	-6.15	-5.50	179.18	61.96	-326.37	22.01	13.83	-354.33
44685	96.28	-7.26	-5.50	-64.40	5.30	-409.23	-21.43	189.50	-130.08
44686	95.13	-7.26	-5.50	-59.06	8.65	-405.35	-19.72	145.87	-141.25
44687	93.98	-7.26	-5.50	-56.68	12.73	-370.07	-11.37	117.07	-153.73
44688	92.83	-7.26	-5.50	-47.84	18.46	-327.10	-1.90	104.12	-170.58
44689	91.68	-7.26	-5.50	-32.19	25.08	-290.16	6.33	99.18	-189.96
44690	90.53	-7.26	-5.50	-12.38	31.59	-262.19	13.09	96.79	-210.03
44691	89.38	-7.26	-5.50	9.57	37.46	-242.43	18.54	94.57	-229.85
44692	88.23	-7.26	-5.50	32.27	42.50	-229.52	22.79	91.44	-248.89
44693	87.08	-7.26	-5.50	54.77	46.64	-222.03	25.91	86.91	-266.75
44694	85.93	-7.26	-5.50	76.39	49.93	-218.71	27.92	80.74	-283.13
44695	84.78	-7.26	-5.50	96.63	52.43	-218.45	28.84	72.88	-297.73
44696	83.63	-7.25	-5.50	115.11	54.22	-220.33	28.72	63.31	-310.28
44697	82.48	-7.25	-5.50	131.53	55.40	-223.58	27.62	52.10	-320.50
44698	81.33	-7.25	-5.50	145.69	56.05	-227.60	25.63	39.33	-328.18
44699	80.18	-7.25	-5.50	157.44	56.25	-231.91	22.86	25.14	-333.12
44700	79.03	-7.25	-5.50	166.69	56.08	-236.18	19.45	9.66	-335.17
44701	97.23	-3.96	-6.90	23.66	58.98	-604.86	20.34	291.32	-123.35
44702	96.02	-3.96	-6.90	37.53	57.88	-628.11	17.71	244.11	-148.97
44703	94.81	-3.96	-6.90	41.84	60.05	-615.03	18.56	201.56	-170.72
44704	93.60	-3.96	-6.90	45.44	65.05	-582.70	21.99	172.65	-191.42
44705	92.39	-3.96	-6.90	54.50	71.96	-547.16	26.34	155.64	-212.13
44706	91.18	-3.96	-6.90	69.78	79.67	-516.80	30.68	145.27	-232.69
44707	89.96	-3.96	-6.90	89.71	87.39	-494.09	34.64	137.60	-252.73
44708	88.75	-3.96	-6.90	112.49	94.62	-478.88	38.04	130.37	-271.91
44709	87.54	-3.96	-6.90	136.58	101.11	-470.11	40.77	122.31	-289.90
44710	86.33	-3.96	-6.90	160.72	106.71	-466.42	42.78	112.72	-306.39
44711	85.12	-3.95	-6.90	183.94	111.35	-466.49	44.01	101.23	-321.06
44712	83.90	-3.95	-6.90	205.46	115.02	-469.06	44.45	87.65	-333.63
44713	82.69	-3.95	-6.90	224.70	117.73	-473.07	44.14	71.99	-343.83
44714	81.48	-3.95	-6.90	241.22	119.49	-477.63	43.15	54.34	-351.42
44715	80.27	-3.95	-6.90	254.73	120.34	-482.06	41.59	34.89	-356.22
44716	79.06	-3.95	-6.90	265.01	120.30	-485.83	39.60	13.94	-358.10
44717	96.98	-5.08	-6.90	24.30	52.28	-528.29	21.63	251.04	-127.85
44718	95.78	-5.08	-6.90	36.35	52.53	-543.48	19.21	208.64	-150.97
44719	94.59	-5.08	-6.90	40.93	55.23	-528.35	20.47	171.04	-170.64
44720	93.39	-5.08	-6.90	45.36	59.96	-497.43	24.32	145.44	-189.74
44721	92.20	-5.07	-6.90	54.69	66.08	-464.29	28.94	130.31	-209.30
44722	91.00	-5.07	-6.90	69.51	72.74	-436.13	33.35	121.15	-229.00
44723	89.81	-5.07	-6.90	88.40	79.29	-415.04	37.19	114.53	-248.37
44724	88.61	-5.07	-6.90	109.77	85.33	-400.83	40.32	108.44	-266.97
44725	87.42	-5.07	-6.90	132.23	90.63	-392.49	42.68	101.76	-284.45
44726	86.22	-5.06	-6.90	154.65	95.12	-388.80	44.22	93.83	-300.45
44727	85.03	-5.06	-6.90	176.16	98.74	-388.53	44.93	84.29	-314.69
44728	83.83	-5.06	-6.90	196.08	101.53	-390.60	44.81	72.99	-326.87
44729	82.63	-5.06	-6.90	213.91	103.49	-394.06	43.91	59.86	-336.73
44730	81.44	-5.06	-6.90	229.27	104.67	-398.14	42.31	44.98	-344.06
44731	80.24	-5.05	-6.90	241.90	105.10	-402.22	40.12	28.48	-348.67
44732	79.05	-5.05	-6.90	251.64	104.82	-405.88	37.48	10.57	-350.43
44733	96.66	-6.18	-6.90	24.98	45.69	-453.06	22.34	211.71	-128.08
44734	95.49	-6.18	-6.90	35.36	47.03	-460.60	20.40	174.10	-148.93
44735	94.31	-6.18	-6.90	40.22	50.07	-443.55	22.06	141.34	-166.80
44736	93.14	-6.18	-6.90	45.40	54.44	-414.02	26.15	118.97	-184.48
44737	91.96	-6.17	-6.90	54.91	59.75	-383.19	30.86	105.68	-202.87
44738	90.79	-6.17	-6.90	69.15	65.39	-357.07	35.18	97.70	-221.61
44739	89.61	-6.17	-6.90	86.91	70.83	-337.42	38.80	92.10	-240.12
44740	88.44	-6.17	-6.90	106.77	75.74	-324.02	41.59	87.14	-257.92
44741	87.26	-6.17	-6.90	127.50	79.96	-315.94	43.54	81.79	-274.62
44742	86.09	-6.16	-6.90	148.10	83.43	-312.06	44.63	75.46	-289.90
44743	84.91	-6.16	-6.90	167.81	86.14	-311.32	44.86	67.83	-303.46
44744	83.74	-6.16	-6.90	186.05	88.13	-312.75	44.25	58.70	-315.04
44745	82.56	-6.16	-6.90	202.38	89.44	-315.53	42.85	48.03	-324.39
44746	81.39	-6.16	-6.90	216.50	90.11	-318.99	40.75	35.84	-331.30
44747	80.21	-6.15	-6.90	228.16	90.18	-322.63	38.05	22.21	-335.62
44748	79.04	-6.15	-6.90	237.25	89.72	-326.06	34.89	7.28	-337.19

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]
44749	96.28	-7.26	-6.90	25.69	39.28	-379.50	22.49	173.76	-124.19
44750	95.13	-7.26	-6.90	34.56	41.40	-379.85	21.25	140.74	-142.92
44751	93.98	-7.26	-6.90	39.64	44.61	-360.94	23.29	112.63	-159.27
44752	92.83	-7.26	-6.90	45.46	48.55	-332.63	27.50	93.39	-175.66
44753	91.68	-7.26	-6.90	55.02	53.11	-303.86	32.13	81.90	-192.92
44754	90.53	-7.26	-6.90	68.61	57.81	-279.56	36.23	75.14	-210.60
44755	89.38	-7.26	-6.90	85.16	62.23	-261.13	39.51	70.59	-228.08
44756	88.23	-7.26	-6.90	103.45	66.13	-248.33	41.92	66.75	-244.87
44757	87.08	-7.26	-6.90	122.38	69.38	-240.30	43.44	62.71	-260.57
44758	85.93	-7.26	-6.90	141.11	71.95	-236.08	44.09	57.92	-274.88
44759	84.78	-7.26	-6.90	158.98	73.88	-234.72	43.89	52.09	-287.55
44760	83.63	-7.25	-6.90	175.48	75.20	-235.38	42.85	45.04	-298.33
44761	82.48	-7.25	-6.90	190.26	75.95	-237.37	41.04	36.70	-307.00
44762	81.33	-7.25	-6.90	203.06	76.20	-240.11	38.54	27.06	-313.36
44763	80.18	-7.25	-6.90	213.68	76.00	-243.19	35.46	16.18	-317.27
44764	79.03	-7.25	-6.90	222.01	75.40	-246.28	31.90	4.14	-318.60
44765	97.23	-3.96	-8.30	100.78	124.03	-561.88	61.43	263.19	-105.91
44766	96.02	-3.96	-8.30	120.82	124.15	-580.59	59.98	228.54	-134.23
44767	94.81	-3.96	-8.30	133.90	126.16	-576.78	59.43	192.65	-158.47
44768	93.60	-3.96	-8.30	143.81	129.86	-558.07	59.98	162.41	-180.14
44769	92.39	-3.96	-8.30	154.64	134.77	-533.43	61.24	139.90	-200.36
44770	91.18	-3.96	-8.30	168.54	140.33	-509.59	62.69	123.88	-219.63
44771	89.96	-3.96	-8.30	185.71	145.98	-490.02	64.00	112.10	-237.97
44772	88.75	-3.96	-8.30	205.29	151.34	-475.78	64.98	102.59	-255.24
44773	87.54	-3.96	-8.30	226.16	156.16	-466.60	65.52	93.94	-271.22
44774	86.33	-3.96	-8.30	247.24	160.31	-461.68	65.54	85.15	-285.68
44775	85.12	-3.95	-8.30	267.62	163.69	-460.01	65.01	75.57	-298.39
44776	83.90	-3.95	-8.30	286.57	166.29	-460.61	63.92	64.79	-309.13
44777	82.69	-3.95	-8.30	303.51	168.07	-462.59	62.29	52.59	-317.71
44778	81.48	-3.95	-8.30	318.02	169.04	-465.22	60.20	38.90	-323.96
44779	80.27	-3.95	-8.30	329.80	169.21	-467.91	57.74	23.77	-327.73
44780	79.06	-3.95	-8.30	338.65	168.57	-470.26	55.05	7.35	-328.95
44781	96.98	-5.08	-8.30	99.68	107.88	-493.99	62.50	226.94	-110.08
44782	95.78	-5.08	-8.30	117.31	108.32	-506.30	60.92	194.89	-136.06
44783	94.59	-5.08	-8.30	129.25	110.34	-499.76	60.46	162.60	-158.21
44784	93.39	-5.08	-8.30	138.80	113.64	-481.06	61.19	135.64	-178.15
44785	92.20	-5.07	-8.30	149.36	117.81	-457.85	62.59	115.63	-197.02
44786	91.00	-5.07	-8.30	162.72	122.38	-435.82	64.09	101.49	-215.24
44787	89.81	-5.07	-8.30	178.97	126.93	-417.88	65.32	91.28	-232.80
44788	88.61	-5.07	-8.30	197.33	131.13	-404.87	66.11	83.27	-249.45
44789	87.42	-5.07	-8.30	216.79	134.82	-396.50	66.37	76.16	-264.92
44790	86.22	-5.06	-8.30	236.37	137.88	-391.98	66.04	69.06	-278.95
44791	85.03	-5.06	-8.30	255.27	140.28	-390.42	65.10	61.34	-291.29
44792	83.83	-5.06	-8.30	272.84	142.01	-390.92	63.54	52.60	-301.71
44793	82.63	-5.06	-8.30	288.58	143.07	-392.71	61.41	42.63	-310.03
44794	81.44	-5.06	-8.30	302.12	143.47	-395.13	58.77	31.33	-316.07
44795	80.24	-5.05	-8.30	313.21	143.22	-397.68	55.75	18.71	-319.71
44796	79.05	-5.05	-8.30	321.67	142.35	-400.01	52.46	4.88	-320.84
44797	96.66	-6.18	-8.30	98.59	92.07	-427.27	62.58	191.56	-110.42
44798	95.49	-6.18	-8.30	113.93	92.68	-433.51	61.08	162.18	-134.06
44799	94.31	-6.18	-8.30	124.79	94.54	-424.42	60.81	133.43	-154.25
44800	93.14	-6.18	-8.30	133.96	97.34	-405.77	61.69	109.67	-172.60
44801	91.96	-6.17	-8.30	144.20	100.73	-383.91	63.16	92.10	-190.19
44802	90.79	-6.17	-8.30	156.92	104.34	-363.55	64.61	79.80	-207.37
44803	89.61	-6.17	-8.30	172.17	107.84	-347.07	65.70	71.12	-224.05
44804	88.44	-6.17	-8.30	189.22	110.98	-335.11	66.26	64.56	-239.94
44805	87.26	-6.17	-8.30	207.16	113.63	-327.35	66.23	58.95	-254.73
44806	86.09	-6.16	-8.30	225.15	115.72	-323.06	65.56	53.47	-268.13
44807	84.91	-6.16	-8.30	242.47	117.25	-321.44	64.24	47.53	-279.91
44808	83.74	-6.16	-8.30	258.56	118.22	-321.69	62.27	40.76	-289.85
44809	82.56	-6.16	-8.30	273.01	118.64	-323.14	59.72	32.93	-297.77
44810	81.39	-6.16	-8.30	285.50	118.54	-325.23	56.64	23.95	-303.50
44811	80.21	-6.15	-8.30	295.80	117.95	-327.54	53.15	13.79	-306.91
44812	79.04	-6.15	-8.30	303.76	116.88	-329.74	49.37	2.50	-307.91
44813	96.28	-7.26	-8.30	97.46	76.83	-362.09	61.68	157.41	-107.08
44814	95.13	-7.26	-8.30	110.66	77.43	-362.70	60.47	130.67	-128.35
44815	93.98	-7.26	-8.30	120.49	78.98	-351.23	60.45	105.37	-146.71
44816	92.83	-7.26	-8.30	129.26	81.19	-332.56	61.49	84.67	-163.58
44817	91.68	-7.26	-8.30	139.10	83.81	-311.86	62.96	69.47	-179.95
44818	90.53	-7.26	-8.30	151.12	86.53	-292.93	64.30	59.00	-196.08
44819	89.38	-7.26	-8.30	165.27	89.07	-277.66	65.20	51.86	-211.79
44820	88.23	-7.26	-8.30	180.93	91.26	-266.50	65.51	46.73	-226.75
44821	87.08	-7.26	-8.30	197.29	93.00	-259.10	65.18	42.58	-240.66
44822	85.93	-7.26	-8.30	213.62	94.26	-254.83	64.18	38.64	-253.24
44823	84.78	-7.26	-8.30	229.29	95.04	-252.94	62.52	34.38	-264.28
44824	83.63	-7.25	-8.30	243.85	95.36	-252.78	60.21	29.46	-273.58
44825	82.48	-7.25	-8.30	256.94	95.25	-253.76	57.30	23.67	-280.95
44826	81.33	-7.25	-8.30	268.30	94.74	-255.41	53.88	16.88	-286.25
44827	80.18	-7.25	-8.30	277.73	93.87	-257.35	50.04	9.07	-289.36
44828	79.03	-7.25	-8.30	285.10	92.65	-259.33	45.88	0.24	-290.17
44829	101.69	-3.96	-2.70	-10.77	-63.45	2.32	-59.27	-1.57	45.86
44830	100.83	-3.96	-2.70	-41.96	-50.75	-9.90	-130.53	9.73	24.85
44831	99.98	-3.96	-2.70	-127.52	-48.30	-24.53	-179.65	45.53	11.46
44832	99.12	-3.96	-2.70	-328.46	-57.42	-32.28	-202.55	123.41	-14.94
44833	98.27	-3.96	-2.70	-803.43	-162.99	-532.85	-196.33	510.15	-66.16
44834	101.47	-5.07	-2.70	-15.86	-63.53	2.06	-62.27	1.18	45.65
44835	100.60	-5.07	-2.70	-52.56	-43.60	-9.09	-131.35	10.69	24.40
44836	99.74	-5.08	-2.70	-137.03	-33.68	-22.09	-176.79	42.63	10.05
44837	98.87	-5.08	-2.70	-321.37	-35.22	-30.25	-193.11	111.04	-18.33
44838	98.01	-5.08	-2.70	-739.12	-119.70	-463.89	-175.96	445.09	-77.99
44839	101.20	-6.17	-2.70	-21.23	-63.58	1.74	-65.25	3.91	45.26
44840	100.32	-6.18	-2.70	-63.21	-36.67	-8.38	-131.47	11.61	23.95
44841	99.44	-6.18	-2.70	-146.32	-19.62	-19.83	-172.94	39.70	8.93
44842	98.57	-6.18	-2.70	-313.81	-13.86	-28.46	-183.69	98.76	-20.58
44843	97.69	-6.18	-2.70	-674.93	-77.61	-396.06	-159.07	381.05	-83.14
44844	100.87	-7.26	-2.70	-26.91	-63.69	1.44	-68.22	6.61	44.75
44845	99.98	-7.26	-2.70	-73.94	-30.14	-7.67	-130.84	12.43	23.54
44846	99.09	-7.26	-2.70	-155.27	-6.18	-17.55	-168.22	36.74	8.09
44847	98.20	-7.26	-2.70	-305.70	6.67	-26.43	-174.35	86.53	-21.70

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]
44848	97.31	-7.26	-2.70	-611.56	-36.40	-329.19	-145.39	318.80	-82.00
44849	101.69	-3.96	-4.10	-19.32	-1.42	-6.07	-19.21	22.56	104.69
44850	100.83	-3.96	-4.10	-80.22	-5.93	-55.82	-52.79	68.59	58.82
44851	99.98	-3.96	-4.10	-179.75	-13.84	-95.22	-69.94	159.27	16.46
44852	99.12	-3.96	-4.10	-309.87	-41.08	-251.83	-72.72	331.51	-42.15
44853	98.27	-3.96	-4.10	-281.30	-67.97	-563.61	-84.24	436.34	-98.96
44854	101.47	-5.07	-4.10	-20.02	-7.39	-5.75	-20.13	26.44	103.93
44855	100.60	-5.07	-4.10	-79.11	-7.54	-51.08	-51.78	66.49	56.99
44856	99.74	-5.08	-4.10	-170.97	-11.61	-86.67	-66.02	146.06	12.42
44857	98.87	-5.08	-4.10	-286.56	-33.16	-224.39	-65.75	294.32	-49.94
44858	98.01	-5.08	-4.10	-262.52	-52.74	-493.11	-77.79	380.12	-108.11
44859	101.20	-6.17	-4.10	-20.96	-13.30	-5.60	-21.61	30.27	102.88
44860	100.32	-6.18	-4.10	-78.22	-9.24	-46.52	-51.35	64.32	55.32
44861	99.44	-6.18	-4.10	-162.39	-9.56	-78.37	-63.17	132.88	9.48
44862	98.57	-6.18	-4.10	-263.56	-25.54	-197.45	-60.76	257.55	-54.31
44863	97.69	-6.18	-4.10	-243.86	-38.12	-423.68	-72.28	324.84	-111.70
44864	100.87	-7.26	-4.10	-22.27	-19.09	-5.54	-23.60	33.98	101.64
44865	99.98	-7.26	-4.10	-77.66	-10.86	-42.15	-51.45	62.04	53.94
44866	99.09	-7.26	-4.10	-154.17	-7.51	-70.32	-61.36	119.79	7.74
44867	98.20	-7.26	-4.10	-241.26	-17.97	-171.03	-57.69	221.51	-55.16
44868	97.31	-7.26	-4.10	-225.44	-24.03	-355.55	-67.68	271.08	-109.78
44869	101.69	-3.96	-5.50	-15.78	57.44	-50.75	4.73	55.74	133.81
44870	100.83	-3.96	-5.50	-65.91	44.57	-128.43	-4.02	131.07	77.32
44871	99.98	-3.96	-5.50	-126.26	31.41	-210.09	-7.28	234.25	19.99
44872	99.12	-3.96	-5.50	-143.92	15.95	-355.39	-10.69	336.85	-41.89
44873	98.27	-3.96	-5.50	-114.76	0.00	-544.11	-19.50	369.10	-97.08
44874	101.47	-5.07	-5.50	-14.36	47.21	-46.92	5.62	58.51	131.99
44875	100.60	-5.07	-5.50	-60.70	36.42	-117.55	-2.01	124.52	73.64
44876	99.74	-5.08	-5.50	-114.89	25.32	-190.21	-3.93	213.72	13.88
44877	98.87	-5.08	-5.50	-130.34	12.70	-317.32	-7.11	299.71	-49.96
44878	98.01	-5.08	-5.50	-105.06	1.03	-478.51	-16.60	321.93	-104.73
44879	101.20	-6.17	-5.50	-13.04	37.20	-43.11	5.60	61.24	130.10
44880	100.32	-6.18	-5.50	-55.68	28.48	-106.76	-1.20	117.90	70.61
44881	99.44	-6.18	-5.50	-103.78	19.51	-170.55	-2.21	193.30	9.68
44882	98.57	-6.18	-5.50	-117.08	9.72	-279.72	-5.19	263.00	-54.43
44883	97.69	-6.18	-5.50	-95.54	2.18	-413.84	-14.66	275.61	-107.59
44884	100.87	-7.26	-5.50	-12.02	27.53	-39.22	4.71	63.84	127.99
44885	99.98	-7.26	-5.50	-50.97	20.95	-96.00	-1.53	111.23	68.05
44886	99.09	-7.26	-5.50	-93.16	14.16	-151.04	-2.05	173.09	7.16
44887	98.20	-7.26	-5.50	-104.38	7.24	-242.59	-4.81	227.03	-55.62
44888	97.31	-7.26	-5.50	-86.35	3.56	-350.24	-13.65	230.61	-106.02
44889	101.69	-3.96	-6.90	-7.19	107.42	-130.55	20.18	78.49	147.37
44890	100.83	-3.96	-6.90	-32.64	94.61	-210.37	25.10	168.31	88.54
44891	99.98	-3.96	-6.90	-50.27	83.88	-293.62	29.18	251.46	29.01
44892	99.12	-3.96	-6.90	-40.87	73.29	-404.92	30.18	313.30	-31.01
44893	98.27	-3.96	-6.90	-6.93	64.23	-525.22	26.08	325.38	-85.32
44894	101.47	-5.07	-6.90	-4.91	94.57	-120.19	22.60	80.13	144.90
44895	100.60	-5.07	-6.90	-27.08	82.23	-192.11	27.93	159.00	83.76
44896	99.74	-5.08	-6.90	-41.86	72.03	-265.71	32.19	229.79	22.31
44897	98.87	-5.08	-6.90	-32.43	62.57	-362.43	32.71	279.60	-38.63
44898	98.01	-5.08	-6.90	-2.18	55.46	-464.21	27.77	284.50	-92.14
44899	101.20	-6.17	-6.90	-2.60	81.84	-109.77	23.93	81.74	142.40
44900	100.32	-6.18	-6.90	-21.66	70.03	-173.92	29.34	149.65	79.81
44901	99.44	-6.18	-6.90	-33.63	60.46	-238.02	33.55	208.23	17.56
44902	98.57	-6.18	-6.90	-24.24	52.19	-320.41	33.67	246.29	-43.08
44903	97.69	-6.18	-6.90	2.41	46.99	-404.05	28.37	244.34	-94.90
44904	100.87	-7.26	-6.90	-0.51	69.39	-99.22	24.21	83.21	139.86
44905	99.98	-7.26	-6.90	-16.47	58.23	-155.72	29.38	140.25	76.65
44906	99.09	-7.26	-6.90	-25.80	49.37	-210.51	33.37	186.90	14.69
44907	98.20	-7.26	-6.90	-16.52	42.35	-278.88	33.15	213.64	-44.46
44908	97.31	-7.26	-6.90	6.70	38.95	-344.88	27.92	205.31	-93.73
44909	101.69	-3.96	-8.30	0.39	150.54	-228.74	30.73	86.44	153.20
44910	100.83	-3.96	-8.30	-2.12	143.04	-285.04	44.25	175.82	97.07
44911	99.98	-3.96	-8.30	6.14	136.53	-351.77	54.81	241.89	40.32
44912	99.12	-3.96	-8.30	31.68	130.72	-431.54	61.22	282.31	-15.62
44913	98.27	-3.96	-8.30	68.64	126.21	-510.14	62.89	287.19	-67.04
44914	101.47	-5.07	-8.30	3.12	135.91	-210.15	34.58	87.69	150.42
44915	100.60	-5.07	-8.30	2.85	127.49	-259.89	48.11	166.17	91.91
44916	99.74	-5.08	-8.30	12.38	120.15	-318.29	58.29	221.57	33.65
44917	98.87	-5.08	-8.30	37.09	113.95	-387.09	63.90	252.62	-22.72
44918	98.01	-5.08	-8.30	71.06	109.59	-452.96	64.61	251.65	-73.27
44919	101.20	-6.17	-8.30	6.02	121.37	-191.51	37.23	88.89	147.62
44920	100.32	-6.18	-8.30	7.81	112.09	-234.85	50.46	156.45	87.56
44921	99.44	-6.18	-8.30	18.55	104.08	-285.09	60.12	201.34	28.76
44922	98.57	-6.18	-8.30	42.37	97.56	-343.14	64.97	223.27	-27.08
44923	97.69	-6.18	-8.30	73.37	93.40	-396.58	65.00	216.74	-75.98
44924	100.87	-7.26	-8.30	8.78	107.13	-172.77	38.75	89.95	144.82
44925	99.98	-7.26	-8.30	12.67	97.16	-209.87	51.37	146.68	84.05
44926	99.09	-7.26	-8.30	24.48	88.55	-252.18	60.40	181.30	25.63
44927	98.20	-7.26	-8.30	47.32	81.85	-299.78	64.54	194.46	-28.72
44928	97.31	-7.26	-8.30	75.44	77.89	-341.22	64.12	182.75	-75.30
44929	77.84	-3.95	-2.70	114.45	-1.36	-581.92	0.24	6.61	-383.38
44930	76.63	-3.95	-2.70	119.73	-1.63	-584.91	-4.57	-32.20	-379.36
44931	75.42	-3.95	-2.70	120.96	-2.42	-584.85	-9.48	-70.98	-370.88
44932	74.21	-3.95	-2.70	118.37	-3.64	-582.00	-14.24	-108.97	-358.21
44933	73.00	-3.95	-2.70	112.36	-5.20	-576.85	-18.62	-145.50	-341.73
44934	71.79	-3.96	-2.70	103.41	-6.94	-570.20	-22.53	-180.02	-321.91
44935	70.57	-3.96	-2.71	92.07	-8.58	-563.05	-25.91	-212.16	-299.23
44936	69.36	-3.96	-2.71	78.82	-9.70	-556.56	-28.82	-241.86	-274.17
44937	68.15	-3.96	-2.71	63.82	-9.68	-551.83	-31.38	-269.40	-247.11
44938	66.94	-3.96	-2.71	46.63	-7.75	-549.76	-33.81	-295.28	-218.22
44939	65.73	-3.96	-2.71	25.81	-3.16	-550.84	-36.45	-319.98	-187.37
44940	64.52	-3.96	-2.71	-1.21	4.19	-555.44	-39.91	-343.39	-153.83
44941	63.30	-3.96	-2.71	-37.14	12.36	-565.30	-45.43	-364.36	-116.04
44942	62.09	-3.96	-2.71	-82.38	15.69	-585.26	-55.80	-382.87	-71.49
44943	60.88	-3.97	-2.71	-136.05	7.09	-630.03	-78.47	-406.13	-11.37
44944	59.67	-3.97	-2.71	-228.47	15.79	-657.60	-115.93	-470.32	26.77
44945	77.85	-5.05	-2.70	106.68	2.72	-462.87	-1.21	4.93	-377.56
44946	76.66	-5.05	-2.70	112.14	2.67	-466.67	-6.54	-29.00	-373.66

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]
44947	75.46	-5.06	-2.71	114.08	2.37	-468.29	-12.04	-63.20	-365.46
44948	74.27	-5.06	-2.71	112.68	1.87	-467.91	-17.45	-97.11	-353.19
44949	73.07	-5.06	-2.71	108.27	1.26	-465.91	-22.57	-130.24	-337.15
44950	71.88	-5.06	-2.71	101.27	0.66	-462.90	-27.23	-162.18	-317.76
44951	70.68	-5.07	-2.71	92.15	0.30	-459.69	-31.33	-192.74	-295.47
44952	69.49	-5.07	-2.72	81.29	0.55	-457.15	-34.78	-221.96	-270.74
44953	68.29	-5.07	-2.72	68.80	1.98	-456.12	-37.49	-250.22	-244.02
44954	67.10	-5.07	-2.72	54.09	5.46	-457.18	-39.37	-278.10	-215.71
44955	65.90	-5.08	-2.72	35.29	12.19	-460.57	-40.36	-305.96	-186.07
44956	64.71	-5.08	-2.72	8.60	23.66	-466.59	-40.78	-333.03	-155.01
44957	63.51	-5.08	-2.73	-31.84	41.11	-478.09	-42.17	-355.75	-121.49
44958	62.32	-5.08	-2.73	-92.46	64.20	-505.39	-48.58	-367.04	-81.87
44959	61.12	-5.09	-2.73	-178.31	86.02	-585.52	-63.61	-360.90	-28.27
44960	59.93	-5.09	-2.73	-319.52	102.18	-678.49	-66.64	-390.34	-4.76
44961	77.86	-6.15	-2.70	97.86	7.57	-345.63	-2.91	3.15	-363.48
44962	76.69	-6.15	-2.70	103.30	7.68	-350.25	-8.53	-26.02	-359.73
44963	75.51	-6.16	-2.71	105.69	7.76	-353.49	-14.39	-55.72	-351.90
44964	74.34	-6.16	-2.71	105.19	7.84	-355.47	-20.29	-85.56	-340.15
44965	73.17	-6.16	-2.71	102.06	8.00	-356.45	-26.01	-115.19	-324.74
44966	71.99	-6.16	-2.71	96.64	8.30	-356.91	-31.40	-144.36	-305.99
44967	70.82	-6.17	-2.71	89.35	8.90	-357.45	-36.33	-173.00	-284.26
44968	69.64	-6.17	-2.72	80.57	10.07	-358.72	-40.63	-201.27	-259.96
44969	68.47	-6.17	-2.72	70.42	12.22	-361.30	-44.11	-229.69	-233.50
44970	67.29	-6.17	-2.72	58.46	16.08	-365.48	-46.39	-259.00	-205.34
44971	66.12	-6.18	-2.72	42.99	22.84	-371.10	-46.83	-289.85	-176.08
44972	64.94	-6.18	-2.72	20.18	34.54	-377.97	-44.38	-321.75	-146.61
44973	63.77	-6.18	-2.73	-16.90	54.63	-388.34	-37.69	-350.91	-118.50
44974	62.60	-6.19	-2.73	-77.65	87.63	-412.99	-26.17	-367.73	-94.79
44975	61.42	-6.19	-2.73	-168.86	129.53	-493.78	-13.22	-358.93	-73.32
44976	60.25	-6.19	-2.73	-309.95	154.86	-605.32	-2.15	-376.41	-62.97
44977	77.87	-7.25	-2.70	88.24	13.78	-230.52	-4.81	1.23	-341.82
44978	76.72	-7.25	-2.70	93.45	14.02	-235.96	-10.49	-23.35	-338.26
44979	75.57	-7.25	-2.70	96.03	14.41	-240.74	-16.51	-48.68	-330.88
44980	74.42	-7.25	-2.70	96.09	14.97	-244.90	-22.69	-74.49	-319.80
44981	73.27	-7.26	-2.70	93.83	15.75	-248.65	-28.86	-100.56	-305.19
44982	72.12	-7.26	-2.70	89.53	16.81	-252.32	-34.88	-126.76	-287.28
44983	70.97	-7.26	-2.71	83.52	18.22	-256.37	-40.65	-153.09	-266.32
44984	69.82	-7.26	-2.71	76.16	20.13	-261.28	-46.05	-179.79	-242.59
44985	68.67	-7.26	-2.71	67.63	22.79	-267.46	-50.88	-207.43	-216.34
44986	67.52	-7.26	-2.71	57.75	26.63	-274.99	-54.78	-236.95	-187.89
44987	66.37	-7.26	-2.71	45.48	32.31	-283.45	-56.93	-269.42	-157.75
44988	65.22	-7.26	-2.71	28.35	41.02	-292.00	-55.56	-305.44	-127.02
44989	64.07	-7.26	-2.71	1.88	55.26	-300.81	-46.98	-343.85	-98.63
44990	62.92	-7.27	-2.71	-39.96	79.69	-314.44	-25.22	-380.72	-80.58
44991	61.77	-7.27	-2.71	-102.44	120.34	-353.90	13.97	-408.56	-88.72
44992	60.62	-7.27	-2.71	-204.33	172.76	-414.65	63.65	-447.36	-124.93
44993	77.84	-3.95	-4.10	156.93	34.63	-543.12	11.08	0.38	-381.39
44994	76.63	-3.95	-4.10	161.91	33.86	-545.71	7.66	-32.86	-377.31
44995	75.42	-3.95	-4.10	163.16	32.43	-546.03	4.12	-66.22	-369.38
44996	74.21	-3.95	-4.10	160.93	30.40	-544.32	0.67	-99.12	-357.81
44997	73.00	-3.95	-4.10	155.61	27.88	-541.05	-2.53	-131.04	-342.90
44998	71.79	-3.96	-4.10	147.64	25.05	-536.84	-5.34	-161.56	-325.00
44999	70.57	-3.96	-4.10	137.50	22.14	-532.48	-7.71	-190.42	-304.51
45000	69.36	-3.96	-4.11	125.63	19.53	-528.79	-9.59	-217.52	-281.85
45001	68.15	-3.96	-4.11	112.21	17.70	-526.56	-10.94	-242.89	-257.41
45002	66.94	-3.96	-4.11	97.11	17.28	-526.44	-11.75	-266.56	-231.53
45003	65.73	-3.96	-4.11	79.82	18.96	-529.04	-12.00	-288.29	-204.45
45004	64.52	-3.96	-4.11	59.86	23.18	-535.38	-11.85	-307.37	-176.29
45005	63.30	-3.96	-4.11	38.13	29.77	-547.65	-11.78	-323.17	-146.92
45006	62.09	-3.96	-4.11	18.85	37.72	-569.49	-12.61	-338.06	-115.73
45007	60.88	-3.96	-4.11	10.09	49.05	-594.83	-12.58	-366.77	-86.92
45008	59.67	-3.97	-4.11	15.53	71.46	-666.87	-12.08	-435.85	-73.33
45009	77.85	-5.05	-4.10	147.99	34.28	-439.07	9.14	-0.89	-375.18
45010	76.66	-5.05	-4.10	153.05	33.70	-442.24	5.06	-30.00	-371.13
45011	75.46	-5.06	-4.10	154.81	32.67	-443.77	0.82	-59.49	-363.35
45012	74.27	-5.06	-4.11	153.47	31.27	-443.85	-3.39	-88.92	-351.98
45013	73.07	-5.06	-4.11	149.35	29.57	-442.82	-7.39	-117.90	-337.29
45014	71.88	-5.06	-4.11	142.83	27.72	-441.21	-11.04	-146.14	-319.59
45015	70.68	-5.07	-4.11	134.31	25.90	-439.62	-14.21	-173.48	-299.25
45016	69.49	-5.07	-4.11	124.15	24.44	-438.73	-16.78	-199.91	-276.68
45017	68.29	-5.07	-4.11	112.46	23.78	-439.10	-18.57	-225.54	-252.30
45018	67.10	-5.07	-4.12	99.01	24.57	-441.22	-19.38	-250.42	-226.60
45019	65.90	-5.08	-4.12	83.05	27.72	-445.56	-18.92	-274.26	-200.09
45020	64.71	-5.08	-4.12	63.48	34.41	-453.19	-17.08	-295.98	-173.37
45021	63.51	-5.08	-4.12	39.96	45.97	-467.06	-14.25	-313.66	-146.88
45022	62.32	-5.08	-4.12	15.67	63.39	-494.35	-11.37	-326.71	-120.44
45023	61.12	-5.08	-4.12	2.31	88.88	-534.65	-7.02	-349.29	-97.87
45024	59.93	-5.09	-4.13	10.35	127.08	-529.64	-5.83	-416.17	-88.49
45025	77.86	-6.15	-4.10	137.89	34.35	-336.02	6.93	-2.18	-361.73
45026	76.69	-6.15	-4.10	142.86	33.92	-339.81	2.39	-27.23	-357.76
45027	75.51	-6.16	-4.10	144.92	33.25	-342.55	-2.38	-52.87	-350.20
45028	74.34	-6.16	-4.11	144.23	32.39	-344.37	-7.19	-78.78	-339.18
45029	73.17	-6.16	-4.11	141.05	31.39	-345.55	-11.89	-104.70	-324.89
45030	71.99	-6.16	-4.11	135.69	30.37	-346.48	-16.33	-130.44	-307.59
45031	70.82	-6.17	-4.11	128.51	29.44	-347.64	-20.37	-155.93	-287.58
45032	69.64	-6.17	-4.11	119.80	28.85	-349.54	-23.84	-181.26	-265.21
45033	68.47	-6.17	-4.11	109.71	28.93	-352.59	-26.51	-206.60	-240.86
45034	67.29	-6.17	-4.12	98.04	30.21	-357.07	-27.99	-232.17	-215.06
45035	66.12	-6.18	-4.12	84.13	33.51	-363.19	-27.67	-257.87	-188.52
45036	64.94	-6.18	-4.12	66.83	40.22	-371.62	-24.67	-282.88	-162.46
45037	63.77	-6.18	-4.12	45.18	52.52	-384.70	-18.09	-305.31	-139.02
45038	62.59	-6.18	-4.12	20.91	73.01	-409.28	-7.88	-323.32	-121.10
45039	61.42	-6.19	-4.12	5.33	104.41	-447.93	5.53	-347.35	-113.49
45040	60.24	-6.19	-4.12	12.22	150.03	-452.02	17.18	-409.85	-121.25
45041	77.87	-7.25	-4.10	126.86	35.38	-234.15	4.50	-3.51	-341.60
45042	76.72	-7.25	-4.10	131.57	35.11	-238.59	-0.30	-24.62	-337.76
45043	75.57	-7.25	-4.10	133.71	34.76	-242.51	-5.40	-46.47	-330.53
45044	74.42	-7.25	-4.10	133.39	34.38	-246.01	-10.65	-68.87	-320.00
45045	73.27	-7.25	-4.10	130.84	34.02	-249.29	-15.90	-91.64	-306.30



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]
45046	72.12	-7.26	-4.10	126.28	33.74	-252.67	-21.03	-114.67	-289.61
45047	70.97	-7.26	-4.10	120.02	33.63	-256.52	-25.93	-137.96	-270.16
45048	69.82	-7.26	-4.11	112.30	33.84	-261.22	-30.45	-161.61	-248.17
45049	68.67	-7.26	-4.11	103.29	34.56	-267.08	-34.36	-185.89	-223.92
45050	67.52	-7.26	-4.11	92.94	36.15	-274.25	-37.28	-211.12	-197.78
45051	66.37	-7.26	-4.11	80.91	39.09	-282.73	-38.53	-237.54	-170.40
45052	65.22	-7.26	-4.11	66.63	44.22	-292.65	-36.86	-265.03	-143.06
45053	64.07	-7.26	-4.11	49.73	53.21	-304.79	-30.26	-293.20	-118.61
45054	62.92	-7.26	-4.11	31.19	68.87	-321.48	-16.99	-321.98	-102.82
45055	61.77	-7.27	-4.11	17.29	93.87	-342.18	1.47	-357.40	-103.80
45056	60.62	-7.27	-4.11	20.53	130.13	-332.39	14.68	-420.10	-124.77
45057	77.84	-3.95	-5.50	209.42	74.96	-512.08	23.51	-4.64	-373.75
45058	76.63	-3.95	-5.50	213.87	73.72	-514.20	20.90	-32.59	-369.61
45059	75.42	-3.95	-5.50	214.90	71.73	-514.71	18.22	-60.85	-362.12
45060	74.21	-3.95	-5.50	212.75	69.07	-513.84	15.66	-88.98	-351.43
45061	73.00	-3.95	-5.50	207.77	65.83	-511.95	13.36	-116.59	-337.79
45062	71.79	-3.96	-5.50	200.41	62.17	-509.59	11.43	-143.38	-321.50
45063	70.57	-3.96	-5.50	191.12	58.30	-507.37	9.99	-169.16	-302.89
45064	69.36	-3.96	-5.50	180.38	54.53	-505.95	9.14	-193.84	-282.36
45065	68.15	-3.96	-5.50	168.60	51.25	-505.96	9.00	-217.38	-260.33
45066	66.94	-3.96	-5.50	156.14	48.96	-507.98	9.72	-239.77	-237.26
45067	65.73	-3.96	-5.51	143.46	48.26	-512.59	11.46	-260.92	-213.67
45068	64.51	-3.96	-5.51	131.51	49.74	-520.44	14.37	-280.98	-190.15
45069	63.30	-3.96	-5.51	122.30	53.99	-531.86	18.51	-301.32	-167.41
45070	62.09	-3.96	-5.51	118.72	61.85	-543.87	24.04	-326.87	-146.96
45071	60.88	-3.96	-5.51	119.95	74.62	-541.09	30.38	-366.15	-131.65
45072	59.67	-3.96	-5.51	111.98	92.06	-497.95	34.75	-415.33	-123.65
45073	77.85	-5.05	-5.50	198.52	68.06	-420.97	21.13	-5.43	-366.78
45074	76.66	-5.05	-5.50	203.03	66.95	-423.50	17.79	-29.86	-362.62
45075	75.46	-5.06	-5.50	204.47	65.29	-424.85	14.36	-54.81	-355.18
45076	74.27	-5.06	-5.50	203.04	63.14	-425.20	10.99	-79.93	-344.59
45077	73.07	-5.06	-5.51	199.04	60.59	-424.86	7.84	-104.96	-331.04
45078	71.88	-5.06	-5.51	192.84	57.74	-424.27	5.06	-129.67	-314.80
45079	70.68	-5.06	-5.51	184.84	54.79	-423.94	2.77	-153.95	-296.20
45080	69.49	-5.07	-5.51	175.45	51.96	-424.41	1.14	-177.79	-275.61
45081	68.29	-5.07	-5.51	165.02	49.63	-426.20	0.36	-201.20	-253.48
45082	67.10	-5.07	-5.51	153.84	48.27	-429.79	0.70	-224.18	-230.34
45083	65.90	-5.07	-5.51	142.23	48.56	-435.67	2.45	-246.66	-206.88
45084	64.71	-5.08	-5.51	130.89	51.35	-444.55	5.88	-268.58	-184.01
45085	63.51	-5.08	-5.51	121.58	57.62	-457.21	11.02	-290.79	-162.82
45086	62.32	-5.08	-5.52	117.68	68.54	-471.75	17.71	-317.75	-145.02
45087	61.12	-5.08	-5.52	119.77	84.90	-473.79	24.42	-358.60	-132.74
45088	59.93	-5.09	-5.52	114.56	104.36	-436.77	28.04	-411.83	-125.63
45089	77.86	-6.15	-5.50	186.45	61.44	-330.31	18.44	-6.18	-353.46
45090	76.69	-6.15	-5.50	190.87	60.47	-333.29	14.55	-27.14	-349.34
45091	75.51	-6.16	-5.50	192.54	59.13	-335.51	10.50	-48.76	-342.04
45092	74.34	-6.16	-5.50	191.64	57.46	-337.10	6.46	-70.81	-331.66
45093	73.16	-6.16	-5.51	188.41	55.53	-338.33	2.56	-93.11	-318.37
45094	71.99	-6.16	-5.51	183.16	53.42	-339.55	-1.04	-115.53	-302.39
45095	70.81	-6.17	-5.51	176.24	51.26	-341.18	-4.22	-138.02	-283.98
45096	69.64	-6.17	-5.51	168.01	49.24	-343.65	-6.77	-160.61	-263.46
45097	68.47	-6.17	-5.51	158.81	47.62	-347.37	-8.47	-183.40	-241.25
45098	67.29	-6.17	-5.51	148.93	46.80	-352.68	-8.97	-206.49	-217.89
45099	66.12	-6.18	-5.51	138.68	47.37	-359.94	-7.79	-229.93	-194.20
45100	64.94	-6.18	-5.51	128.63	50.22	-369.53	-4.39	-253.79	-171.41
45101	63.77	-6.18	-5.51	120.13	56.50	-381.95	1.52	-278.77	-151.34
45102	62.59	-6.18	-5.52	116.14	67.55	-395.47	9.48	-308.37	-136.37
45103	61.42	-6.18	-5.52	117.88	84.12	-397.90	17.02	-350.36	-128.37
45104	60.24	-6.19	-5.52	114.76	103.39	-366.79	19.06	-404.07	-123.94
45105	77.87	-7.25	-5.50	173.39	55.57	-240.11	15.52	-6.92	-334.20
45106	76.72	-7.25	-5.50	177.58	54.77	-243.59	11.24	-24.47	-330.17
45107	75.57	-7.25	-5.50	179.31	53.74	-246.70	6.75	-42.80	-323.12
45108	74.42	-7.25	-5.50	178.72	52.54	-249.55	2.18	-61.76	-313.12
45109	73.27	-7.25	-5.50	176.02	51.21	-252.35	-2.33	-81.25	-300.28
45110	72.12	-7.26	-5.50	171.45	49.80	-255.38	-6.67	-101.17	-284.76
45111	70.97	-7.26	-5.50	165.31	48.42	-259.01	-10.69	-121.53	-266.77
45112	69.82	-7.26	-5.50	157.91	47.18	-263.59	-14.24	-142.40	-246.54
45113	68.67	-7.26	-5.50	149.59	46.26	-269.45	-17.08	-163.91	-224.38
45114	67.52	-7.26	-5.50	140.69	45.92	-276.85	-18.85	-186.28	-200.76
45115	66.37	-7.26	-5.51	131.62	46.58	-285.97	-19.05	-209.75	-176.41
45116	65.22	-7.26	-5.51	123.05	48.83	-296.84	-16.96	-234.74	-152.60
45117	64.07	-7.26	-5.51	116.07	53.69	-309.08	-11.90	-262.31	-131.56
45118	62.92	-7.26	-5.51	112.48	62.30	-320.13	-4.32	-295.22	-116.36
45119	61.77	-7.27	-5.51	113.26	75.25	-319.67	2.83	-338.60	-109.11
45120	60.62	-7.27	-5.51	110.98	90.94	-291.28	4.27	-391.05	-106.03
45121	77.84	-3.95	-6.90	271.99	119.40	-488.57	37.34	-8.23	-356.97
45122	76.63	-3.95	-6.90	275.69	117.68	-490.13	34.97	-31.22	-352.83
45123	75.42	-3.95	-6.90	276.22	115.18	-490.61	32.66	-54.70	-345.75
45124	74.21	-3.95	-6.90	273.82	111.99	-490.18	30.57	-78.36	-335.86
45125	73.00	-3.95	-6.90	268.78	108.18	-489.17	28.83	-101.94	-323.37
45126	71.78	-3.95	-6.90	261.51	103.88	-488.01	27.57	-125.24	-308.52
45127	70.57	-3.96	-6.90	252.48	99.26	-487.21	26.92	-148.17	-291.63
45128	69.36	-3.96	-6.90	242.18	94.55	-487.30	27.02	-170.72	-273.07
45129	68.15	-3.96	-6.90	231.19	90.05	-488.79	28.01	-192.96	-253.30
45130	66.94	-3.96	-6.90	220.16	86.13	-492.10	30.11	-215.03	-232.83
45131	65.73	-3.96	-6.90	209.87	83.26	-497.42	33.53	-237.21	-212.32
45132	64.51	-3.96	-6.90	201.36	81.94	-504.45	38.51	-260.26	-192.51
45133	63.30	-3.96	-6.90	195.58	82.74	-511.33	45.18	-285.79	-174.36
45134	62.09	-3.96	-6.90	192.15	86.16	-512.53	53.43	-316.20	-158.95
45135	60.88	-3.96	-6.90	187.20	92.29	-498.18	62.59	-351.40	-146.99
45136	59.67	-3.96	-6.90	175.84	100.74	-458.15	71.85	-385.15	-137.89
45137	77.85	-5.05	-6.90	258.40	103.85	-408.69	34.53	-8.52	-349.22
45138	76.66	-5.05	-6.90	262.19	102.21	-410.51	31.43	-28.51	-345.04
45139	75.46	-5.06	-6.90	263.13	99.97	-411.53	28.36	-49.14	-337.97
45140	74.27	-5.06	-6.90	261.40	97.19	-411.89	25.45	-70.18	-328.10
45141	73.07	-5.06	-6.90	257.28	93.94	-411.87	22.87	-91.45	-315.62
45142	71.88	-5.06	-6.90	251.10	90.32	-411.85	20.74	-112.83	-300.76
45143	70.68	-5.06	-6.90	243.26	86.45	-412.25	19.21	-134.29	-283.79
45144	69.49	-5.07	-6.91	234.23	82.53	-413.54	18.45	-155.88	-265.10

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]
45145	68.29	-5.07	-6.91	224.52	78.80	-416.16	18.65	-177.70	-245.13
45146	67.09	-5.07	-6.91	214.73	75.60	-420.47	20.06	-199.93	-224.45
45147	65.90	-5.07	-6.91	205.59	73.38	-426.65	22.94	-222.88	-203.80
45148	64.70	-5.08	-6.91	198.04	72.67	-434.44	27.51	-247.20	-184.08
45149	63.51	-5.08	-6.91	193.10	74.05	-442.19	33.80	-274.38	-166.37
45150	62.31	-5.08	-6.91	190.66	77.95	-444.77	41.38	-306.76	-151.70
45151	61.12	-5.08	-6.91	187.35	84.12	-432.77	49.33	-344.58	-140.39
45152	59.92	-5.08	-6.91	178.55	91.99	-396.45	56.93	-382.42	-131.40
45153	77.86	-6.15	-6.90	243.66	88.71	-328.90	31.38	-8.76	-335.91
45154	76.69	-6.15	-6.90	247.43	87.19	-331.04	27.69	-25.75	-331.73
45155	75.51	-6.16	-6.90	248.64	85.23	-332.65	23.97	-43.50	-324.75
45156	74.34	-6.16	-6.90	247.45	82.88	-333.87	20.37	-61.84	-315.03
45157	73.16	-6.16	-6.90	244.07	80.18	-334.92	17.02	-80.68	-302.72
45158	71.99	-6.16	-6.90	238.82	77.21	-336.12	14.06	-99.95	-288.01
45159	70.81	-6.16	-6.90	232.02	74.06	-337.85	11.64	-119.67	-271.15
45160	69.64	-6.17	-6.91	224.12	70.87	-340.49	9.93	-139.93	-252.46
45161	68.46	-6.17	-6.91	215.58	67.81	-344.41	9.15	-160.91	-232.37
45162	67.29	-6.17	-6.91	206.97	65.17	-349.90	9.58	-182.84	-211.43
45163	66.11	-6.17	-6.91	198.97	63.32	-357.05	11.53	-206.11	-190.42
45164	64.94	-6.18	-6.91	192.44	62.73	-365.49	15.26	-231.37	-170.39
45165	63.76	-6.18	-6.91	188.24	63.95	-373.59	20.74	-259.97	-152.58
45166	62.59	-6.18	-6.91	186.39	67.35	-376.70	27.28	-293.87	-138.05
45167	61.42	-6.18	-6.91	184.24	72.56	-366.54	33.57	-333.34	-126.69
45168	60.24	-6.19	-6.91	178.15	79.10	-334.13	39.07	-374.20	-116.98
45169	77.87	-7.25	-6.90	227.98	74.41	-249.13	27.98	-8.95	-317.24
45170	76.72	-7.25	-6.90	231.60	73.06	-251.64	23.85	-22.99	-313.14
45171	75.57	-7.25	-6.90	232.93	71.41	-253.90	19.63	-37.87	-306.35
45172	74.42	-7.25	-6.90	232.10	69.50	-256.03	15.46	-53.50	-296.93
45173	73.27	-7.25	-6.90	229.29	67.37	-258.21	11.46	-69.81	-284.98
45174	72.12	-7.26	-6.90	224.75	65.06	-260.72	7.76	-86.79	-270.64
45175	70.97	-7.26	-6.90	218.79	62.64	-263.89	4.49	-104.50	-254.11
45176	69.82	-7.26	-6.90	211.77	60.21	-268.05	1.82	-123.04	-235.66
45177	68.67	-7.26	-6.90	204.15	57.87	-273.51	-0.05	-142.62	-215.61
45178	67.52	-7.26	-6.90	196.49	55.82	-280.51	-0.83	-163.58	-194.47
45179	66.37	-7.26	-6.90	189.46	54.33	-289.03	-0.21	-186.38	-172.96
45180	65.22	-7.26	-6.90	183.82	53.72	-298.56	2.11	-211.79	-152.10
45181	64.07	-7.26	-6.90	180.25	54.44	-307.32	6.16	-241.09	-133.26
45182	62.92	-7.26	-6.90	178.66	56.81	-311.03	11.14	-275.78	-117.61
45183	61.77	-7.26	-6.90	177.09	60.41	-302.71	15.49	-315.85	-104.98
45184	60.62	-7.27	-6.90	173.12	64.77	-274.54	18.51	-358.29	-93.67
45185	77.84	-3.95	-8.30	344.46	167.12	-471.95	52.28	-10.17	-327.55
45186	76.63	-3.95	-8.30	347.22	164.89	-472.85	49.58	-28.54	-323.52
45187	75.42	-3.95	-8.30	347.03	161.93	-473.05	47.11	-47.55	-316.94
45188	74.21	-3.95	-8.30	344.05	158.27	-472.70	45.03	-66.98	-307.90
45189	73.00	-3.95	-8.30	338.52	153.99	-472.05	43.49	-86.69	-296.57
45190	71.78	-3.95	-8.30	330.78	149.18	-471.45	42.62	-106.61	-283.17
45191	70.57	-3.96	-8.30	321.23	143.94	-471.31	42.56	-126.76	-267.99
45192	69.36	-3.96	-8.30	310.35	138.42	-472.03	43.44	-147.23	-251.39
45193	68.15	-3.96	-8.30	298.71	132.82	-473.97	45.45	-168.22	-233.80
45194	66.94	-3.96	-8.30	286.95	127.35	-477.33	48.79	-190.03	-215.80
45195	65.73	-3.96	-8.30	275.78	122.28	-481.94	53.69	-213.08	-198.03
45196	64.51	-3.96	-8.30	265.77	117.93	-486.87	60.39	-237.96	-181.23
45197	63.30	-3.96	-8.30	257.03	114.58	-489.73	69.09	-265.27	-166.17
45198	62.09	-3.96	-8.30	248.56	112.41	-486.34	79.87	-294.86	-153.47
45199	60.88	-3.96	-8.30	238.51	111.40	-471.26	92.81	-324.48	-143.35
45200	59.67	-3.96	-8.30	225.17	111.36	-439.94	108.33	-349.06	-135.64
45201	77.85	-5.05	-8.30	327.39	140.80	-401.75	49.04	-10.03	-319.37
45202	76.66	-5.05	-8.30	330.35	138.60	-402.80	45.65	-25.84	-315.31
45203	75.46	-5.06	-8.30	330.65	135.83	-403.31	42.44	-42.39	-308.70
45204	74.27	-5.06	-8.30	328.44	132.52	-403.42	39.58	-59.54	-299.65
45205	73.07	-5.06	-8.30	323.91	128.72	-403.35	37.21	-77.21	-288.29
45206	71.88	-5.06	-8.30	317.35	124.48	-403.40	35.47	-95.37	-274.82
45207	70.68	-5.06	-8.30	309.12	119.90	-403.93	34.50	-114.10	-259.52
45208	69.48	-5.07	-8.30	299.65	115.06	-405.29	34.46	-133.54	-242.73
45209	68.29	-5.07	-8.30	289.47	110.12	-407.83	35.51	-153.95	-224.89
45210	67.09	-5.07	-8.30	279.18	105.24	-411.72	37.86	-175.64	-206.58
45211	65.90	-5.07	-8.30	269.47	100.66	-416.81	41.73	-199.08	-188.48
45212	64.70	-5.07	-8.30	260.91	96.62	-422.25	47.30	-224.84	-171.38
45213	63.51	-5.08	-8.30	253.68	93.36	-425.82	54.63	-253.52	-156.04
45214	62.31	-5.08	-8.30	246.95	90.94	-423.56	63.62	-285.02	-142.96
45215	61.12	-5.08	-8.30	239.13	89.25	-410.31	74.20	-317.43	-132.17
45216	59.92	-5.08	-8.30	228.67	88.05	-381.44	86.69	-346.40	-123.27
45217	77.86	-6.15	-8.30	309.28	115.29	-331.51	45.43	-9.82	-306.38
45218	76.69	-6.15	-8.30	312.35	113.20	-332.77	41.46	-23.06	-302.31
45219	75.51	-6.16	-8.30	313.04	110.68	-333.67	37.63	-37.13	-295.76
45220	74.34	-6.16	-8.30	311.46	107.75	-334.32	34.08	-51.93	-286.80
45221	73.16	-6.16	-8.30	307.80	104.45	-334.92	30.95	-67.44	-275.56
45222	71.99	-6.16	-8.30	302.30	100.82	-335.73	28.38	-83.68	-262.19
45223	70.81	-6.16	-8.30	295.27	96.91	-337.06	26.50	-100.75	-246.93
45224	69.64	-6.17	-8.30	287.09	92.77	-339.24	25.47	-118.86	-230.10
45225	68.46	-6.17	-8.30	278.25	88.51	-342.53	25.45	-138.28	-212.09
45226	67.29	-6.17	-8.30	269.31	84.24	-347.11	26.64	-159.42	-193.47
45227	66.11	-6.17	-8.30	260.91	80.12	-352.80	29.24	-182.76	-174.92
45228	64.94	-6.18	-8.30	253.60	76.35	-358.77	33.39	-208.88	-157.24
45229	63.76	-6.18	-8.30	247.52	73.10	-362.96	39.05	-238.35	-141.17
45230	62.59	-6.18	-8.30	242.04	70.37	-361.76	45.93	-271.07	-127.13
45231	61.41	-6.18	-8.30	235.84	67.96	-350.41	53.79	-305.48	-114.95
45232	60.24	-6.18	-8.30	227.60	65.50	-324.46	62.78	-337.99	-103.95
45233	77.87	-7.25	-8.30	290.32	91.09	-261.12	41.54	-9.56	-288.59
45234	76.72	-7.25	-8.30	293.39	89.17	-262.65	37.13	-20.27	-284.59
45235	75.57	-7.25	-8.30	294.34	86.96	-264.01	32.80	-31.86	-278.20
45236	74.42	-7.25	-8.30	293.27	84.47	-265.29	28.68	-44.29	-269.47
45237	73.27	-7.25	-8.30	290.33	81.72	-266.67	24.90	-57.55	-258.51
45238	72.12	-7.26	-8.30	285.73	78.74	-268.37	21.57	-71.72	-245.44
45239	70.97	-7.26	-8.30	279.72	75.54	-270.68	18.84	-86.92	-230.45
45240	69.82	-7.26	-8.30	272.65	72.17	-273.86	16.84	-103.35	-213.81
45241	68.67	-7.26	-8.30	264.96	68.67	-278.16	15.72	-121.35	-195.86
45242	67.52	-7.26	-8.30	257.18	65.11	-283.71	15.66	-141.35	-177.06
45243	66.37	-7.26	-8.30	249.87	61.59	-290.31	16.84	-163.91	-158.06

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]
45244	65.22	-7.26	-8.30	243.54	58.21	-297.15	19.36	-189.62	-139.60
45245	64.07	-7.26	-8.30	238.31	55.10	-302.30	23.17	-219.05	-122.43
45246	62.92	-7.26	-8.30	233.57	52.26	-302.51	27.84	-252.08	-106.92
45247	61.77	-7.26	-8.30	228.33	49.40	-293.53	32.89	-287.38	-92.76
45248	60.62	-7.27	-8.30	221.47	46.09	-271.33	38.29	-322.09	-79.06
45249	56.03	-7.26	-2.70	-5.52	209.57	61.06	11.55	-515.19	-339.17
45250	56.92	-7.26	-2.70	41.94	607.55	6.92	196.43	-481.88	-43.14
45251	57.81	-7.26	-2.71	24.81	497.72	-19.86	269.42	-422.07	-21.49
45252	58.71	-7.27	-2.71	-57.90	386.62	-23.54	254.17	-408.51	-41.52
45253	59.60	-7.27	-2.71	-249.96	271.59	-239.39	167.56	-530.38	-140.01
45254	55.70	-6.17	-2.70	14.66	15.14	49.79	-191.39	-0.47	-16.87
45255	56.58	-6.18	-2.71	26.53	401.82	24.23	-189.02	-153.82	-37.61
45256	57.46	-6.18	-2.72	5.37	450.80	17.39	-45.76	-168.58	-10.12
45257	58.34	-6.19	-2.72	-93.09	377.22	5.75	11.37	-192.72	-28.45
45258	59.22	-6.19	-2.73	-397.78	238.65	-341.32	7.62	-443.11	-98.57
45259	55.43	-5.07	-2.70	67.20	222.73	44.39	-265.43	-35.01	109.83
45260	56.30	-5.08	-2.71	151.19	318.64	19.96	-372.89	-125.06	61.37
45261	57.17	-5.08	-2.72	46.83	356.67	-1.70	-246.75	-149.68	8.80
45262	58.03	-5.08	-2.72	-71.24	331.07	-1.93	-157.72	-179.34	-6.11
45263	58.90	-5.09	-2.73	-403.17	183.71	-372.78	-105.70	-455.55	-52.10
45264	55.21	-3.96	-2.70	553.15	810.77	613.03	-659.24	-436.48	542.22
45265	56.07	-3.96	-2.70	303.86	311.63	301.93	-495.91	-354.74	191.94
45266	56.92	-3.96	-2.71	128.15	321.20	158.48	-453.79	-353.63	89.18
45267	57.78	-3.96	-2.71	-7.75	249.61	30.73	-385.34	-382.77	5.76
45268	58.64	-3.97	-2.71	-257.44	101.32	-351.50	-253.65	-564.07	-23.86
45269	56.03	-7.26	-4.10	61.52	382.18	278.21	-10.28	-575.02	-581.86
45270	56.92	-7.26	-4.10	103.05	430.59	194.45	20.28	-575.94	-116.29
45271	57.81	-7.26	-4.11	65.55	340.94	101.99	8.19	-502.72	-74.58
45272	58.71	-7.27	-4.11	-0.01	251.01	-29.56	-10.12	-507.49	-96.51
45273	59.60	-7.27	-4.11	2.94	175.14	-213.70	-5.55	-499.21	-132.06
45274	55.70	-6.17	-4.10	17.78	273.94	142.81	-65.34	-149.19	-120.03
45275	56.58	-6.18	-4.11	32.10	371.68	68.16	-59.31	-389.70	-98.06
45276	57.46	-6.18	-4.11	22.37	326.76	28.55	-18.87	-417.15	-47.28
45277	58.34	-6.18	-4.12	-37.90	249.54	-95.23	-7.98	-468.98	-78.41
45278	59.22	-6.19	-4.12	-11.43	194.13	-309.87	5.22	-493.54	-119.74
45279	55.43	-5.07	-4.10	52.04	259.11	205.15	-151.81	-153.46	115.37
45280	56.30	-5.08	-4.11	83.25	283.32	92.20	-183.17	-314.23	26.15
45281	57.16	-5.08	-4.11	27.92	261.77	25.38	-112.55	-374.93	-32.45
45282	58.03	-5.08	-4.12	-45.30	213.17	-115.69	-68.81	-452.85	-67.14
45283	58.90	-5.09	-4.12	-16.75	169.74	-359.34	-25.15	-497.03	-91.86
45284	55.21	-3.96	-4.10	241.46	183.33	279.33	-214.12	-351.69	179.90
45285	56.07	-3.96	-4.10	144.93	100.60	93.47	-156.61	-354.63	-22.60
45286	56.92	-3.96	-4.11	47.08	142.99	-15.21	-113.55	-379.63	-75.28
45287	57.78	-3.96	-4.11	-28.83	136.33	-166.09	-67.32	-455.82	-96.01
45288	58.63	-3.97	-4.11	-13.27	109.11	-395.77	-20.16	-501.97	-89.03
45289	56.03	-7.26	-5.50	74.95	232.35	298.68	32.38	-587.64	-560.35
45290	56.92	-7.26	-5.50	93.94	227.82	209.61	40.39	-594.38	-72.13
45291	57.81	-7.26	-5.50	84.77	179.22	90.75	14.26	-516.73	-50.02
45292	58.70	-7.26	-5.51	86.84	143.31	-55.84	-0.27	-486.06	-74.75
45293	59.60	-7.27	-5.51	99.05	113.82	-201.59	0.62	-447.23	-97.97
45294	55.70	-6.17	-5.50	13.05	201.79	169.49	-16.83	-196.81	-173.27
45295	56.58	-6.18	-5.51	39.59	249.16	110.78	11.33	-466.71	-141.85
45296	57.46	-6.18	-5.51	52.02	206.11	23.34	16.39	-480.59	-78.84
45297	58.34	-6.18	-5.51	70.99	163.28	-115.14	13.83	-478.24	-95.27
45298	59.22	-6.19	-5.52	94.81	128.94	-268.36	15.55	-455.76	-114.91
45299	55.43	-5.07	-5.50	12.54	150.90	110.14	-37.83	-174.89	-8.48
45300	56.30	-5.08	-5.51	40.08	197.45	51.55	-30.99	-373.54	-72.14
45301	57.16	-5.08	-5.51	39.33	181.44	-34.21	3.68	-434.84	-95.15
45302	58.03	-5.08	-5.51	58.49	155.74	-169.98	19.36	-460.82	-104.33
45303	58.89	-5.09	-5.52	88.22	127.65	-328.51	25.88	-456.06	-118.23
45304	55.21	-3.96	-5.50	114.61	162.09	76.80	-84.04	-313.01	115.65
45305	56.07	-3.96	-5.50	81.36	140.92	0.63	-31.44	-352.11	-69.62
45306	56.92	-3.96	-5.50	51.99	154.49	-94.29	2.47	-394.41	-98.00
45307	57.78	-3.96	-5.51	56.36	141.81	-228.02	22.17	-439.03	-110.49
45308	58.63	-3.96	-5.51	84.05	115.79	-384.81	31.50	-450.54	-118.60
45309	56.03	-7.26	-6.90	87.47	120.35	234.72	111.33	-585.92	-459.33
45310	56.92	-7.26	-6.90	68.80	95.07	173.98	97.39	-572.12	-26.82
45311	57.81	-7.26	-6.90	116.53	84.66	53.70	53.19	-468.59	-26.43
45312	58.70	-7.26	-6.90	143.87	76.61	-91.15	29.79	-438.08	-53.39
45313	59.60	-7.27	-6.90	161.66	70.03	-205.96	20.83	-402.32	-77.92
45314	55.70	-6.17	-6.90	-2.43	102.08	65.20	49.98	-226.14	-143.38
45315	56.58	-6.18	-6.90	11.35	142.23	91.55	102.02	-469.16	-129.06
45316	57.46	-6.18	-6.91	91.62	118.48	0.71	80.52	-442.94	-76.43
45317	58.34	-6.18	-6.91	135.70	99.95	-140.16	58.18	-433.49	-89.25
45318	59.22	-6.19	-6.91	162.26	87.84	-259.32	45.45	-412.36	-105.46
45319	55.43	-5.07	-6.90	-4.25	79.53	-14.89	25.76	-192.84	-8.14
45320	56.30	-5.08	-6.90	-2.83	143.62	14.42	77.33	-371.16	-83.21
45321	57.16	-5.08	-6.91	77.48	138.05	-63.86	87.78	-400.77	-105.47
45322	58.03	-5.08	-6.91	125.68	117.86	-197.13	78.11	-417.98	-110.02
45323	58.89	-5.08	-6.91	158.13	103.06	-317.14	65.61	-412.52	-122.19
45324	55.21	-3.96	-6.90	15.15	56.49	-40.73	21.33	-308.61	139.09
45325	56.07	-3.96	-6.90	43.55	128.13	-40.89	69.47	-327.73	-68.04
45326	56.92	-3.96	-6.90	84.35	132.69	-132.16	97.64	-359.15	-105.53
45327	57.78	-3.96	-6.90	119.31	125.54	-256.96	94.28	-397.51	-119.47
45328	58.63	-3.96	-6.90	152.13	112.32	-375.75	82.36	-406.62	-129.43
45329	56.03	-7.26	-8.30	-61.28	11.03	138.49	280.70	-620.37	-254.17
45330	56.92	-7.26	-8.30	105.46	14.22	183.14	176.80	-438.72	-10.61
45331	57.81	-7.26	-8.30	177.66	19.79	-12.01	97.21	-387.24	-16.74
45332	58.70	-7.26	-8.30	196.36	32.76	-135.78	63.04	-381.58	-40.17
45333	59.59	-7.26	-8.30	210.42	40.89	-221.66	46.21	-356.16	-61.96
45334	55.70	-6.17	-8.30	-201.69	4.23	-105.93	200.99	-328.31	-22.49
45335	56.58	-6.18	-8.30	47.92	91.44	116.12	211.71	-341.76	-99.18
45336	57.46	-6.18	-8.30	163.92	61.26	-57.50	146.11	-361.23	-68.53
45337	58.33	-6.18	-8.30	196.44	59.19	-180.99	100.90	-377.06	-78.83
45338	59.21	-6.18	-8.30	214.34	62.38	-270.24	76.24	-365.76	-92.11
45339	55.43	-5.07	-8.30	-158.23	3.38	-146.40	195.15	-245.13	109.03
45340	56.30	-5.07	-8.30	28.90	115.30	19.66	204.60	-254.20	-75.26
45341	57.16	-5.08	-8.30	148.89	101.70	-118.60	173.00	-324.10	-101.98
45342	58.03	-5.08	-8.30	189.67	88.93	-235.23	134.37	-363.30	-106.79

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	212.25	87.46	-324.44	104.82	-366.31	-115.10
45344	55.21	-3.96	-8.30	-89.89	2.91	-95.49	230.88	-261.90	229.97
45345	56.07	-3.96	-8.30	80.75	122.77	-60.17	207.83	-220.73	-62.04
45346	56.92	-3.96	-8.30	149.02	119.57	-188.64	194.63	-292.44	-110.84
45347	57.78	-3.96	-8.30	180.65	115.86	-294.27	161.57	-345.67	-123.64
45348	58.63	-3.96	-8.30	205.51	112.51	-381.35	130.12	-361.08	-129.41
45349	95.95	-8.10	-2.70	-438.20	-51.52	-463.24	-90.82	217.46	-28.27
45350	94.82	-8.10	-2.70	-324.34	-43.57	-369.76	-64.20	166.27	-42.31
45351	93.69	-8.10	-2.70	-255.68	-27.95	-274.10	-47.32	156.52	-75.07
45352	92.56	-8.10	-2.70	-205.08	-15.53	-215.52	-34.81	150.64	-105.08
45353	91.43	-8.10	-2.70	-164.19	-5.55	-175.40	-24.24	146.36	-133.03
45354	90.30	-8.10	-2.70	-129.14	2.18	-148.13	-15.12	142.15	-159.49
45355	89.18	-8.10	-2.70	-97.93	8.04	-130.13	-7.43	137.10	-184.69
45356	88.05	-8.10	-2.70	-69.59	12.30	-119.07	-1.13	130.74	-208.56
45357	86.92	-8.10	-2.70	-43.74	15.32	-113.26	3.73	122.73	-230.86
45358	85.79	-8.10	-2.70	-20.18	17.34	-111.37	7.09	112.91	-251.36
45359	84.66	-8.10	-2.70	1.13	18.58	-112.33	8.95	101.31	-269.78
45360	83.53	-8.10	-2.70	20.17	19.24	-115.33	9.36	88.00	-285.79
45361	82.40	-8.10	-2.70	36.91	19.52	-119.73	8.41	73.08	-299.10
45362	81.27	-8.10	-2.70	51.33	19.57	-125.02	6.20	56.66	-309.43
45363	80.14	-8.10	-2.70	63.39	19.55	-130.82	2.90	38.86	-316.55
45364	79.01	-8.10	-2.70	73.08	19.58	-136.87	-1.35	19.83	-320.29
45365	95.68	-8.70	-2.70	-409.51	-27.68	-392.75	-87.66	192.88	-23.12
45366	94.56	-8.70	-2.70	-303.00	-24.67	-304.10	-62.70	147.91	-36.45
45367	93.45	-8.70	-2.70	-238.82	-12.66	-215.07	-46.32	138.63	-68.43
45368	92.34	-8.70	-2.70	-191.07	-2.58	-159.62	-34.12	132.63	-97.63
45369	91.23	-8.70	-2.70	-152.90	5.74	-121.25	-23.82	128.69	-124.95
45370	90.12	-8.70	-2.70	-120.12	12.13	-94.70	-15.09	124.55	-150.42
45371	89.01	-8.70	-2.70	-90.94	16.91	-76.73	-7.85	119.89	-174.78
45372	87.90	-8.70	-2.70	-64.53	20.21	-65.23	-1.88	114.22	-197.64
45373	86.79	-8.70	-2.70	-40.48	22.51	-58.62	2.66	107.04	-218.84
45374	85.67	-8.70	-2.70	-18.60	23.94	-55.73	5.76	98.32	-238.28
45375	84.56	-8.70	-2.70	1.16	24.70	-55.61	7.45	88.09	-255.67
45376	83.45	-8.70	-2.70	18.80	24.98	-57.52	7.77	76.38	-270.74
45377	82.34	-8.70	-2.70	34.30	24.97	-60.91	6.80	63.28	-283.22
45378	81.23	-8.70	-2.70	47.66	24.82	-65.34	4.65	48.85	-292.86
45379	80.12	-8.70	-2.70	58.86	24.67	-70.47	1.46	33.18	-299.47
45380	79.01	-8.70	-2.70	67.90	24.64	-76.08	-2.63	16.34	-302.95
45381	95.95	-8.10	-4.10	-188.27	-7.82	-387.63	-71.03	170.40	-107.35
45382	94.82	-8.10	-4.10	-179.63	-9.42	-355.74	-53.08	124.35	-104.91
45383	93.69	-8.10	-4.10	-160.10	-5.12	-292.61	-35.05	109.00	-118.87
45384	92.56	-8.10	-4.10	-133.34	2.34	-238.93	-21.76	106.76	-140.25
45385	91.43	-8.10	-4.10	-105.07	9.96	-200.06	-11.59	106.68	-163.03
45386	90.30	-8.10	-4.10	-77.18	16.72	-172.51	-3.43	106.11	-185.53
45387	89.18	-8.10	-4.10	-50.32	22.34	-153.70	3.17	104.20	-207.28
45388	88.05	-8.10	-4.10	-24.78	26.80	-141.63	8.41	100.71	-227.96
45389	86.92	-8.10	-4.10	-0.79	30.25	-134.74	12.37	95.46	-247.25
45390	85.79	-8.10	-4.10	21.47	32.82	-131.77	15.03	88.40	-264.94
45391	84.66	-8.10	-4.10	41.85	34.64	-131.71	16.42	79.59	-280.75
45392	83.53	-8.10	-4.10	60.18	35.86	-133.71	16.60	69.11	-294.39
45393	82.40	-8.10	-4.10	76.35	36.60	-137.13	15.63	57.06	-305.60
45394	81.27	-8.10	-4.10	90.26	36.99	-141.43	13.61	43.54	-314.15
45395	80.14	-8.10	-4.10	101.83	37.14	-146.22	10.67	28.67	-319.83
45396	79.01	-8.10	-4.10	111.02	37.14	-151.21	6.93	12.59	-322.48
45397	95.68	-8.70	-4.10	-179.88	2.77	-330.91	-68.20	147.30	-101.22
45398	94.56	-8.70	-4.10	-169.92	1.17	-297.12	-50.67	107.72	-99.32
45399	93.45	-8.70	-4.10	-150.35	4.20	-237.29	-33.40	94.24	-112.55
45400	92.34	-8.70	-4.10	-124.39	10.37	-186.47	-20.60	91.83	-133.21
45401	91.23	-8.70	-4.10	-97.48	16.96	-149.38	-10.87	91.98	-155.33
45402	90.12	-8.70	-4.10	-71.10	22.68	-122.79	-3.10	91.34	-176.82
45403	89.01	-8.70	-4.10	-45.77	27.44	-104.30	3.07	89.69	-197.76
45404	87.90	-8.70	-4.10	-21.78	31.10	-92.10	7.98	86.75	-217.49
45405	86.79	-8.70	-4.10	0.68	33.91	-84.75	11.63	82.18	-235.80
45406	85.67	-8.70	-4.10	21.48	35.95	-81.10	14.04	76.04	-252.57
45407	84.56	-8.70	-4.10	40.48	37.34	-80.24	15.23	68.38	-267.50
45408	83.45	-8.70	-4.10	57.55	38.22	-81.44	15.26	59.27	-280.35
45409	82.34	-8.70	-4.10	72.60	38.71	-84.09	14.21	48.77	-290.88
45410	81.23	-8.70	-4.10	85.54	38.93	-87.74	12.15	36.98	-298.86
45411	80.12	-8.70	-4.10	96.31	38.97	-92.05	9.20	23.96	-304.12
45412	79.01	-8.70	-4.10	104.89	38.94	-96.75	5.47	9.79	-306.56
45413	95.95	-8.10	-5.50	-60.84	8.42	-343.49	-19.89	157.81	-124.05
45414	94.82	-8.10	-5.50	-55.53	12.67	-333.80	-17.60	120.32	-134.52
45415	93.69	-8.10	-5.50	-51.81	16.60	-299.06	-9.40	95.69	-146.20
45416	92.56	-8.10	-5.50	-42.39	21.57	-258.60	-0.18	84.30	-162.11
45417	91.43	-8.10	-5.50	-27.19	27.35	-223.86	7.67	79.98	-180.61
45418	90.30	-8.10	-5.50	-8.42	32.94	-197.33	14.00	78.00	-199.70
45419	89.18	-8.10	-5.50	12.10	37.89	-178.29	19.00	76.24	-218.50
45420	88.05	-8.10	-5.50	33.17	42.05	-165.50	22.81	73.82	-236.50
45421	86.92	-8.10	-5.50	53.95	45.39	-157.69	25.52	70.23	-253.29
45422	85.79	-8.10	-5.50	73.83	47.98	-153.71	27.15	65.27	-268.62
45423	84.66	-8.10	-5.50	92.38	49.89	-152.61	27.74	58.88	-282.25
45424	83.53	-8.10	-5.50	109.29	51.19	-153.57	27.32	51.06	-293.91
45425	82.40	-8.10	-5.50	124.31	51.99	-155.92	25.97	41.85	-303.38
45426	81.27	-8.10	-5.50	137.27	52.35	-159.16	23.77	31.29	-310.44
45427	80.14	-8.10	-5.50	148.04	52.38	-162.87	20.82	19.47	-314.92
45428	79.01	-8.10	-5.50	156.55	52.14	-166.78	17.25	6.50	-316.70
45429	95.68	-8.70	-5.50	-58.21	10.53	-296.53	-18.84	135.43	-117.68
45430	94.56	-8.70	-5.50	-52.81	15.30	-282.85	-16.10	102.51	-128.03
45431	93.45	-8.70	-5.50	-48.35	19.08	-248.42	-8.02	80.79	-139.11
45432	92.34	-8.70	-5.50	-38.64	23.59	-209.67	0.95	70.27	-154.54
45433	91.23	-8.70	-5.50	-23.72	28.95	-176.47	8.37	66.79	-172.61
45434	90.12	-8.70	-5.50	-5.74	33.89	-151.01	14.36	65.06	-190.83
45435	89.01	-8.70	-5.50	13.76	38.26	-132.53	18.98	63.71	-208.94
45436	87.90	-8.70	-5.50	33.69	41.83	-119.88	22.47	61.88	-226.11
45437	86.79	-8.70	-5.50	53.22	44.67	-111.90	24.90	58.96	-242.04
45438	85.67	-8.70	-5.50	71.86	46.83	-107.54	26.27	54.83	-256.58
45439	84.56	-8.70	-5.50	89.23	48.37	-105.92	26.64	49.46	-269.46
45440	83.45	-8.70	-5.50	105.03	49.38	-106.32	26.04	42.83	-280.46
45441	82.34	-8.70	-5.50	119.06	49.95	-108.13	24.55	34.95	-289.35

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]
45442	81.23	-8.70	-5.50	131.16	50.17	-110.89	22.25	25.88	-295.95
45443	80.12	-8.70	-5.50	141.23	50.10	-114.24	19.23	15.66	-300.09
45444	79.01	-8.70	-5.50	149.20	49.85	-117.93	15.60	4.34	-301.71
45445	95.95	-8.10	-6.90	26.20	34.31	-322.74	22.25	144.67	-118.49
45446	94.82	-8.10	-6.90	34.00	36.82	-317.84	21.65	115.20	-135.83
45447	93.69	-8.10	-6.90	39.22	40.02	-297.54	23.96	90.68	-151.05
45448	92.56	-8.10	-6.90	45.43	43.60	-270.07	28.22	73.76	-166.46
45449	91.43	-8.10	-6.90	54.96	47.67	-242.79	32.68	63.77	-182.90
45450	90.30	-8.10	-6.90	68.00	51.72	-219.80	36.51	58.03	-199.71
45451	89.18	-8.10	-6.90	83.58	55.44	-202.24	39.49	54.35	-216.30
45452	88.05	-8.10	-6.90	100.61	58.65	-189.83	41.56	51.44	-232.18
45453	86.92	-8.10	-6.90	118.14	61.24	-181.81	42.75	48.42	-246.95
45454	85.79	-8.10	-6.90	135.39	63.23	-177.29	43.08	44.80	-260.37
45455	84.66	-8.10	-6.90	151.80	64.64	-175.43	42.56	40.32	-272.23
45456	83.53	-8.10	-6.90	166.95	65.53	-175.50	41.24	34.81	-282.28
45457	82.40	-8.10	-6.90	180.51	65.95	-176.88	39.18	28.22	-290.32
45458	81.27	-8.10	-6.90	192.26	65.94	-179.08	36.44	20.49	-296.19
45459	80.14	-8.10	-6.90	202.04	65.58	-181.73	33.14	11.66	-299.74
45460	79.01	-8.10	-6.90	209.74	64.93	-184.56	29.38	1.77	-300.86
45461	95.68	-8.70	-6.90	26.54	30.80	-282.26	21.85	124.14	-112.61
45462	94.56	-8.70	-6.90	33.73	33.50	-273.84	21.80	97.50	-129.13
45463	93.45	-8.70	-6.90	38.95	36.62	-252.58	24.31	75.48	-143.38
45464	92.34	-8.70	-6.90	45.36	39.90	-225.63	28.61	59.88	-158.21
45465	91.23	-8.70	-6.90	54.87	43.75	-199.31	32.84	51.30	-174.31
45466	90.12	-8.70	-6.90	67.45	47.33	-177.23	36.46	46.26	-190.37
45467	89.01	-8.70	-6.90	82.33	50.64	-160.25	39.17	43.26	-206.37
45468	87.90	-8.70	-6.90	98.49	53.40	-148.11	40.98	41.09	-221.55
45469	86.79	-8.70	-6.90	115.00	55.57	-140.10	41.94	38.78	-235.59
45470	85.67	-8.70	-6.90	131.20	57.21	-135.39	42.05	35.97	-248.36
45471	84.56	-8.70	-6.90	146.58	58.33	-133.21	41.34	32.41	-259.60
45472	83.45	-8.70	-6.90	160.76	58.97	-132.90	39.84	27.96	-269.10
45473	82.34	-8.70	-6.90	173.46	59.20	-133.90	37.63	22.53	-276.69
45474	81.23	-8.70	-6.90	184.46	59.08	-135.77	34.77	16.09	-282.19
45475	80.12	-8.70	-6.90	193.64	58.64	-138.17	31.35	8.63	-285.47
45476	79.01	-8.70	-6.90	200.89	58.00	-140.85	27.50	0.17	-286.47
45477	95.95	-8.10	-8.30	96.48	65.22	-311.88	60.37	131.20	-102.07
45478	94.82	-8.10	-8.30	108.11	65.68	-308.45	59.47	106.60	-121.66
45479	93.69	-8.10	-8.30	117.16	66.90	-295.27	59.66	84.00	-138.56
45480	92.56	-8.10	-8.30	125.60	68.61	-276.58	60.84	65.57	-154.26
45481	91.43	-8.10	-8.30	135.08	70.71	-256.69	62.28	52.24	-169.76
45482	90.30	-8.10	-8.30	146.51	72.78	-238.75	63.49	43.26	-185.03
45483	89.18	-8.10	-8.30	159.77	74.66	-224.28	64.23	37.35	-199.91
45484	88.05	-8.10	-8.30	174.32	76.23	-213.61	64.32	33.38	-214.06
45485	86.92	-8.10	-8.30	189.43	77.36	-206.39	63.76	30.36	-227.15
45486	85.79	-8.10	-8.30	204.43	78.07	-202.03	62.54	27.57	-238.97
45487	84.66	-8.10	-8.30	218.81	78.37	-199.88	60.64	24.57	-249.33
45488	83.53	-8.10	-8.30	232.17	78.29	-199.36	58.11	21.03	-258.03
45489	82.40	-8.10	-8.30	244.19	77.86	-199.96	54.98	16.74	-264.91
45490	81.27	-8.10	-8.30	254.65	77.12	-201.24	51.35	11.60	-269.82
45491	80.14	-8.10	-8.30	263.37	76.09	-202.90	47.31	5.53	-272.65
45492	79.01	-8.10	-8.30	270.24	74.83	-204.70	42.97	-1.46	-273.31
45493	95.68	-8.70	-8.30	95.67	57.12	-276.12	59.09	112.67	-96.85
45494	94.56	-8.70	-8.30	106.34	57.47	-270.05	58.48	89.98	-115.35
45495	93.45	-8.70	-8.30	114.79	58.43	-255.79	58.82	69.30	-130.98
45496	92.34	-8.70	-8.30	123.01	59.74	-237.07	60.12	52.14	-145.92
45497	91.23	-8.70	-8.30	132.26	61.57	-217.66	61.49	40.46	-161.00
45498	90.12	-8.70	-8.30	143.17	63.16	-200.36	62.64	32.48	-175.54
45499	89.01	-8.70	-8.30	155.79	64.65	-186.37	63.22	27.49	-189.89
45500	87.90	-8.70	-8.30	169.56	65.81	-175.96	63.15	24.43	-203.42
45501	86.79	-8.70	-8.30	183.75	66.56	-168.81	62.45	22.17	-215.86
45502	85.67	-8.70	-8.30	197.82	66.95	-164.36	61.07	20.17	-227.12
45503	84.56	-8.70	-8.30	211.28	66.98	-162.02	59.03	18.01	-236.97
45504	83.45	-8.70	-8.30	223.79	66.68	-161.25	56.35	15.40	-245.23
45505	82.34	-8.70	-8.30	235.06	66.08	-161.58	53.11	12.13	-251.74
45506	81.23	-8.70	-8.30	244.88	65.22	-162.64	49.38	8.08	-256.37
45507	80.12	-8.70	-8.30	253.09	64.13	-164.12	45.23	3.18	-258.99
45508	79.01	-8.70	-8.30	259.60	62.88	-165.82	40.80	-2.60	-259.58
45509	100.59	-8.10	-2.70	-31.92	-65.62	0.88	-70.16	8.61	44.78
45510	99.68	-8.10	-2.70	-82.80	-27.00	-7.50	-129.71	13.01	23.56
45511	98.78	-8.10	-2.70	-162.43	2.09	-16.21	-164.02	34.49	8.08
45512	97.87	-8.10	-2.70	-299.51	20.07	-25.32	-167.29	77.21	-21.10
45513	96.97	-8.10	-2.70	-562.80	-5.97	-277.78	-136.65	271.27	-76.63
45514	100.36	-8.70	-2.70	-36.06	-66.71	0.44	-71.26	9.62	44.99
45515	99.44	-8.70	-2.70	-89.13	-23.40	-7.33	-128.86	13.34	23.60
45516	98.52	-8.70	-2.70	-167.28	9.04	-15.18	-160.78	32.79	8.23
45517	97.61	-8.70	-2.70	-294.86	30.82	-24.97	-162.35	70.81	-20.22
45518	96.69	-8.70	-2.70	-527.31	17.18	-240.61	-131.21	237.47	-70.40
45519	100.59	-8.10	-4.10	-23.51	-22.98	-5.47	-25.38	36.71	100.56
45520	99.68	-8.10	-4.10	-77.41	-11.50	-38.72	-51.83	60.22	52.84
45521	98.78	-8.10	-4.10	-147.94	-5.17	-64.01	-60.62	109.73	7.00
45522	97.87	-8.10	-4.10	-224.18	-11.10	-150.47	-56.40	193.94	-53.72
45523	96.97	-8.10	-4.10	-211.08	-12.52	-302.53	-64.62	230.05	-105.09
45524	100.36	-8.70	-4.10	-24.65	-25.69	-5.03	-26.91	38.34	99.22
45525	99.44	-8.70	-4.10	-77.40	-11.81	-35.78	-52.40	58.86	51.52
45526	98.52	-8.70	-4.10	-143.62	-3.50	-59.13	-60.49	102.57	6.39
45527	97.61	-8.70	-4.10	-211.99	-6.14	-135.14	-56.01	174.22	-52.01
45528	96.69	-8.70	-4.10	-201.18	-4.56	-264.00	-62.77	201.23	-99.73
45529	100.59	-8.10	-5.50	-11.38	20.30	-35.97	3.37	65.76	126.32
45530	99.68	-8.10	-5.50	-47.53	15.34	-87.41	-2.51	106.01	66.45
45531	98.78	-8.10	-5.50	-85.21	10.34	-135.69	-2.85	157.54	6.38
45532	97.87	-8.10	-5.50	-94.84	5.63	-213.55	-5.40	199.46	-54.31
45533	96.97	-8.10	-5.50	-79.41	4.72	-300.75	-13.40	196.31	-101.90
45534	100.36	-8.70	-5.50	-11.03	15.13	-33.47	2.08	66.90	125.08
45535	99.44	-8.70	-5.50	-45.30	11.32	-81.12	-3.59	102.24	65.36
45536	98.52	-8.70	-5.50	-79.76	7.70	-124.52	-3.94	146.39	6.42
45537	97.61	-8.70	-5.50	-88.37	4.58	-192.53	-6.38	179.89	-52.13
45538	96.69	-8.70	-5.50	-74.61	5.60	-265.15	-13.59	172.17	-96.93
45539	100.59	-8.10	-6.90	1.05	60.08	-90.81	23.58	84.28	138.00
45540	99.68	-8.10	-6.90	-12.59	49.41	-141.40	28.57	132.93	74.87

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]
45541	98.78	-8.10	-6.90	-19.98	41.16	-189.00	32.31	170.44	13.81
45542	97.87	-8.10	-6.90	-10.83	35.16	-246.53	31.87	188.60	-43.38
45543	96.97	-8.10	-6.90	9.84	33.01	-298.96	26.96	175.51	-90.18
45544	100.36	-8.70	-6.90	2.25	53.55	-84.57	22.76	84.86	136.61
45545	99.44	-8.70	-6.90	-10.02	43.13	-131.00	27.59	127.64	73.65
45546	98.52	-8.70	-6.90	-16.08	35.47	-173.45	31.02	158.68	13.76
45547	97.61	-8.70	-6.90	-7.02	30.21	-223.23	30.43	170.82	-41.56
45548	96.69	-8.70	-6.90	11.91	28.91	-266.00	25.90	154.48	-86.00
45549	100.59	-8.10	-8.30	10.97	96.43	-158.00	38.97	90.70	142.78
45550	99.68	-8.10	-8.30	16.39	85.93	-190.30	51.20	139.05	82.06
45551	98.78	-8.10	-8.30	28.90	76.91	-226.52	59.68	165.82	24.52
45552	97.87	-8.10	-8.30	50.93	70.14	-266.09	63.29	172.34	-28.06
45553	96.97	-8.10	-8.30	76.86	66.25	-298.33	62.66	156.76	-72.43
45554	100.36	-8.70	-8.30	12.79	88.98	-147.19	38.76	91.07	141.36
45555	99.44	-8.70	-8.30	18.87	77.92	-176.14	50.69	133.53	80.77
45556	98.52	-8.70	-8.30	31.84	68.79	-208.02	58.64	154.73	24.32
45557	97.61	-8.70	-8.30	53.30	61.98	-241.88	61.86	156.59	-26.62
45558	96.69	-8.70	-8.30	77.70	58.14	-267.61	61.17	138.36	-68.92
45559	77.89	-8.10	-2.70	80.38	19.74	-142.94	-6.36	-0.29	-320.49
45560	76.76	-8.10	-2.70	85.30	20.11	-148.90	-11.94	-21.44	-317.08
45561	75.63	-8.10	-2.70	87.86	20.75	-154.67	-17.92	-43.46	-310.10
45562	74.50	-8.10	-2.70	88.16	21.68	-160.30	-24.17	-66.16	-299.61
45563	73.37	-8.10	-2.70	86.35	22.95	-165.92	-30.55	-89.41	-285.72
45564	72.24	-8.10	-2.70	82.62	24.58	-171.81	-36.94	-113.13	-268.59
45565	71.11	-8.10	-2.70	77.24	26.63	-178.32	-43.29	-137.37	-248.38
45566	69.98	-8.10	-2.70	70.49	29.19	-185.85	-49.54	-162.37	-225.25
45567	68.85	-8.10	-2.70	62.56	32.39	-194.72	-55.59	-188.67	-199.29
45568	67.72	-8.10	-2.70	53.40	36.46	-204.99	-61.26	-217.24	-170.53
45569	66.60	-8.10	-2.70	42.42	41.69	-216.22	-66.05	-249.40	-139.20
45570	65.47	-8.10	-2.70	28.29	48.20	-227.37	-68.80	-286.36	-105.70
45571	64.34	-8.10	-2.70	9.12	56.31	-237.33	-66.50	-329.35	-71.66
45572	63.21	-8.10	-2.70	-16.39	67.74	-245.76	-53.62	-380.42	-42.97
45573	62.08	-8.10	-2.70	-48.28	87.90	-251.38	-24.60	-445.69	-36.99
45574	60.95	-8.10	-2.70	-88.51	129.45	-229.92	20.17	-540.29	-81.74
45575	77.89	-8.70	-2.70	74.76	24.82	-82.05	-7.47	-1.41	-303.07
45576	76.78	-8.70	-2.70	79.37	25.28	-88.23	-12.88	-20.25	-299.73
45577	75.67	-8.70	-2.70	81.82	26.09	-94.52	-18.75	-40.01	-293.03
45578	74.56	-8.70	-2.70	82.16	27.28	-100.96	-24.95	-60.54	-282.99
45579	73.45	-8.70	-2.70	80.49	28.86	-107.66	-31.35	-81.75	-269.67
45580	72.34	-8.70	-2.70	76.97	30.89	-114.85	-37.89	-103.59	-253.18
45581	71.23	-8.70	-2.70	71.78	33.41	-122.85	-44.52	-126.11	-233.62
45582	70.11	-8.70	-2.70	65.12	36.50	-132.01	-51.23	-149.56	-211.06
45583	69.00	-8.70	-2.70	57.11	40.27	-142.65	-58.02	-174.39	-185.54
45584	67.89	-8.70	-2.70	47.63	44.91	-154.89	-64.85	-201.34	-156.81
45585	66.78	-8.70	-2.70	36.22	50.64	-168.43	-71.57	-231.88	-124.76
45586	65.67	-8.70	-2.70	21.90	57.44	-182.49	-77.62	-267.22	-89.62
45587	64.56	-8.70	-2.70	2.99	64.54	-196.20	-81.74	-308.36	-50.67
45588	63.45	-8.70	-2.70	-20.55	72.83	-208.73	-81.31	-359.92	-10.43
45589	62.34	-8.70	-2.70	-46.78	85.57	-214.64	-74.47	-430.94	23.34
45590	61.22	-8.70	-2.70	-79.99	127.42	-176.64	-81.05	-539.94	27.75
45591	77.89	-8.10	-4.10	117.82	37.04	-156.18	2.53	-4.54	-321.99
45592	76.76	-8.10	-4.10	122.24	36.92	-161.04	-2.34	-22.67	-318.26
45593	75.63	-8.10	-4.10	124.30	36.83	-165.75	-7.55	-41.65	-311.34
45594	74.50	-8.10	-4.10	124.12	36.84	-170.40	-13.00	-61.32	-301.27
45595	73.37	-8.10	-4.10	121.86	36.97	-175.15	-18.56	-81.57	-288.14
45596	72.24	-8.10	-4.10	117.71	37.27	-180.25	-24.12	-102.34	-272.08
45597	71.11	-8.10	-4.10	111.88	37.81	-186.03	-29.60	-123.63	-253.22
45598	69.98	-8.10	-4.10	104.58	38.70	-192.81	-34.89	-145.59	-231.72
45599	68.85	-8.10	-4.10	95.97	40.06	-200.87	-39.85	-168.42	-207.71
45600	67.72	-8.10	-4.10	86.08	42.12	-210.33	-44.21	-192.50	-181.35
45601	66.60	-8.10	-4.10	74.81	45.13	-221.15	-47.44	-218.30	-153.09
45602	65.47	-8.10	-4.10	62.05	49.35	-233.25	-48.59	-246.05	-123.71
45603	64.34	-8.10	-4.10	48.28	55.48	-246.57	-45.77	-276.55	-95.26
45604	63.21	-8.10	-4.10	34.88	65.70	-260.13	-36.74	-312.19	-73.16
45605	62.08	-8.10	-4.10	24.63	82.48	-266.88	-22.08	-358.32	-67.26
45606	60.95	-8.10	-4.10	19.74	107.82	-240.89	-12.80	-421.51	-83.28
45607	77.89	-8.70	-4.10	111.30	38.89	-101.66	1.11	-5.29	-306.00
45608	76.78	-8.70	-4.10	115.41	38.87	-106.70	-3.71	-21.39	-302.34
45609	75.67	-8.70	-4.10	117.33	38.98	-111.83	-8.93	-38.39	-295.64
45610	74.56	-8.70	-4.10	117.15	39.25	-117.12	-14.43	-56.14	-285.94
45611	73.45	-8.70	-4.10	114.97	39.71	-122.72	-20.10	-74.56	-273.29
45612	72.34	-8.70	-4.10	110.95	40.43	-128.87	-25.87	-93.61	-257.76
45613	71.23	-8.70	-4.10	105.25	41.46	-135.85	-31.65	-113.31	-239.44
45614	70.11	-8.70	-4.10	98.02	42.89	-143.97	-37.38	-133.76	-218.44
45615	69.00	-8.70	-4.10	89.37	44.85	-153.51	-42.97	-155.14	-194.84
45616	67.89	-8.70	-4.10	79.29	47.52	-164.66	-48.26	-177.68	-168.57
45617	66.78	-8.70	-4.10	67.80	51.13	-177.46	-52.93	-202.02	-139.85
45618	65.67	-8.70	-4.10	54.95	55.86	-191.91	-56.26	-228.43	-109.45
45619	64.56	-8.70	-4.10	41.14	61.70	-208.18	-57.11	-257.23	-77.70
45620	63.45	-8.70	-4.10	28.59	71.00	-225.08	-53.35	-292.82	-49.40
45621	62.34	-8.70	-4.10	20.02	86.36	-233.70	-45.71	-340.09	-32.80
45622	61.22	-8.70	-4.10	15.77	106.35	-204.58	-38.42	-405.65	-38.94
45623	77.89	-8.10	-5.50	162.75	51.68	-170.68	13.15	-7.47	-315.66
45624	76.76	-8.10	-5.50	166.66	51.04	-174.48	8.69	-22.42	-311.73
45625	75.63	-8.10	-5.50	168.33	50.28	-178.20	3.98	-38.23	-304.92
45626	74.50	-8.10	-5.50	167.86	49.46	-181.94	-0.87	-54.79	-295.30
45627	73.37	-8.10	-5.50	165.42	48.60	-185.86	-5.76	-72.01	-282.93
45628	72.24	-8.10	-5.50	161.21	47.75	-190.22	-10.56	-89.86	-267.93
45629	71.11	-8.10	-5.50	155.47	47.00	-195.34	-15.16	-108.34	-250.43
45630	69.98	-8.10	-5.50	148.49	46.42	-201.53	-19.43	-127.53	-230.62
45631	68.85	-8.10	-5.50	140.56	46.15	-209.11	-23.19	-147.56	-208.70
45632	67.72	-8.10	-5.50	132.07	46.36	-218.32	-26.13	-168.68	-184.97
45633	66.60	-8.10	-5.50	123.53	47.33	-229.28	-27.80	-191.31	-160.05
45634	65.47	-8.10	-5.50	115.70	49.35	-241.89	-27.58	-215.99	-134.95
45635	64.34	-8.10	-5.50	109.78	53.11	-255.23	-24.59	-244.29	-111.63
45636	63.21	-8.10	-5.50	106.79	59.80	-265.79	-18.90	-278.99	-93.56
45637	62.08	-8.10	-5.50	106.72	69.31	-264.18	-13.43	-322.93	-83.29
45638	60.95	-8.10	-5.50	105.56	80.68	-237.06	-12.57	-374.61	-78.37
45639	77.89	-8.70	-5.50	155.05	49.45	-121.79	11.45	-7.85	-300.63

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]
45640	76.78	-8.70	-5.50	158.68	48.91	-125.74	6.95	-21.03	-296.74
45641	75.67	-8.70	-5.50	160.22	48.35	-129.80	2.15	-35.10	-290.13
45642	74.56	-8.70	-5.50	159.75	47.78	-134.04	-2.84	-49.96	-280.82
45643	73.45	-8.70	-5.50	157.40	47.25	-138.63	-7.90	-65.53	-268.84
45644	72.34	-8.70	-5.50	153.33	46.80	-143.82	-12.95	-81.81	-254.29
45645	71.23	-8.70	-5.50	147.75	46.49	-149.88	-17.87	-98.80	-237.26
45646	70.11	-8.70	-5.50	140.90	46.42	-157.15	-22.57	-116.57	-217.88
45647	69.00	-8.70	-5.50	133.05	46.71	-165.92	-26.87	-135.22	-196.36
45648	67.89	-8.70	-5.50	124.52	47.47	-176.48	-30.59	-154.88	-172.76
45649	66.78	-8.70	-5.50	115.96	48.95	-188.98	-33.33	-176.20	-147.59
45650	65.67	-8.70	-5.50	108.17	51.42	-203.35	-34.51	-199.70	-121.94
45651	64.56	-8.70	-5.50	102.21	55.00	-218.85	-33.51	-226.55	-96.67
45652	63.45	-8.70	-5.50	99.62	61.44	-231.56	-29.79	-261.18	-75.90
45653	62.34	-8.70	-5.50	99.68	69.99	-231.77	-26.00	-304.61	-62.50
45654	61.22	-8.70	-5.50	98.22	78.90	-207.19	-26.95	-355.05	-53.97
45655	77.89	-8.10	-6.90	215.30	64.01	-187.40	25.23	-9.06	-299.45
45656	76.76	-8.10	-6.90	218.73	62.82	-190.17	20.86	-20.85	-295.44
45657	75.63	-8.10	-6.90	220.06	61.43	-192.90	16.36	-33.53	-288.85
45658	74.50	-8.10	-6.90	219.40	59.89	-195.69	11.85	-47.03	-279.74
45659	73.37	-8.10	-6.90	216.91	58.21	-198.72	7.44	-61.32	-268.18
45660	72.24	-8.10	-6.90	212.80	56.43	-202.23	3.25	-76.40	-254.27
45661	71.11	-8.10	-6.90	207.33	54.61	-206.51	-0.60	-92.35	-238.17
45662	69.98	-8.10	-6.90	200.84	52.81	-211.88	-3.96	-109.28	-220.09
45663	68.85	-8.10	-6.90	193.74	51.12	-218.64	-6.66	-127.40	-200.29
45664	67.72	-8.10	-6.90	186.59	49.65	-226.98	-8.47	-147.05	-179.12
45665	66.60	-8.10	-6.90	180.08	48.60	-236.85	-9.04	-168.85	-157.26
45666	65.47	-8.10	-6.90	174.91	48.17	-247.69	-8.15	-193.55	-135.58
45667	64.34	-8.10	-6.90	171.72	48.60	-257.63	-5.63	-222.55	-115.36
45668	63.21	-8.10	-6.90	170.19	50.34	-262.56	-2.17	-257.18	-98.06
45669	62.08	-8.10	-6.90	168.83	52.82	-256.26	0.44	-296.95	-83.51
45670	60.95	-8.10	-6.90	165.68	55.43	-232.02	1.22	-339.44	-69.74
45671	77.89	-8.70	-6.90	206.17	57.14	-143.66	23.26	-9.11	-285.04
45672	76.78	-8.70	-6.90	209.37	56.06	-146.56	18.79	-19.36	-281.08
45673	75.67	-8.70	-6.90	210.62	54.87	-149.55	14.15	-30.52	-274.66
45674	74.56	-8.70	-6.90	210.01	53.58	-152.74	9.47	-42.52	-265.81
45675	73.45	-8.70	-6.90	207.66	52.21	-156.29	4.84	-55.34	-254.58
45676	72.34	-8.70	-6.90	203.76	50.80	-160.44	0.37	-69.00	-241.05
45677	71.23	-8.70	-6.90	198.55	49.41	-165.46	-3.82	-83.58	-225.36
45678	70.11	-8.70	-6.90	192.31	48.08	-171.67	-7.60	-99.19	-207.66
45679	69.00	-8.70	-6.90	185.45	46.92	-179.35	-10.81	-116.01	-188.22
45680	67.89	-8.70	-6.90	178.43	45.96	-188.72	-13.31	-134.29	-167.21
45681	66.78	-8.70	-6.90	172.08	45.37	-199.74	-14.75	-154.86	-145.20
45682	65.67	-8.70	-6.90	167.09	45.39	-211.83	-14.84	-178.46	-123.26
45683	64.56	-8.70	-6.90	163.83	45.81	-223.32	-13.65	-206.07	-101.82
45684	63.45	-8.70	-6.90	162.40	47.57	-229.99	-11.31	-240.33	-83.23
45685	62.34	-8.70	-6.90	160.96	49.70	-226.10	-10.03	-278.97	-67.14
45686	61.22	-8.70	-6.90	157.97	51.46	-205.77	-10.67	-320.47	-51.29
45687	77.89	-8.10	-8.30	275.17	73.33	-206.49	38.39	-9.32	-271.71
45688	76.76	-8.10	-8.30	278.16	71.58	-208.23	33.74	-18.10	-267.78
45689	75.63	-8.10	-8.30	279.22	69.63	-209.94	29.13	-27.78	-261.57
45690	74.50	-8.10	-8.30	278.44	67.50	-211.70	24.66	-38.35	-253.10
45691	73.37	-8.10	-8.30	275.95	65.19	-213.69	20.44	-49.83	-242.47
45692	72.24	-8.10	-8.30	271.93	62.73	-216.12	16.61	-62.30	-229.76
45693	71.11	-8.10	-8.30	266.60	60.12	-219.23	13.29	-75.89	-215.15
45694	69.98	-8.10	-8.30	260.27	57.40	-223.27	10.59	-90.82	-198.85
45695	68.85	-8.10	-8.30	253.32	54.57	-228.48	8.64	-107.39	-181.13
45696	67.72	-8.10	-8.30	246.28	51.64	-234.95	7.60	-126.08	-162.36
45697	66.60	-8.10	-8.30	239.68	48.74	-242.48	7.67	-147.52	-143.13
45698	65.47	-8.10	-8.30	233.91	45.86	-250.29	8.86	-172.27	-124.07
45699	64.34	-8.10	-8.30	229.15	43.01	-256.55	11.15	-200.98	-105.85
45700	63.21	-8.10	-8.30	224.75	40.40	-258.26	14.17	-233.63	-89.02
45701	62.08	-8.10	-8.30	219.87	37.56	-251.64	17.10	-268.75	-73.08
45702	60.95	-8.10	-8.30	213.63	34.03	-233.08	19.89	-304.18	-56.95
45703	77.89	-8.70	-8.30	264.34	61.46	-167.61	36.13	-9.12	-257.98
45704	76.78	-8.70	-8.30	267.17	59.83	-169.45	31.38	-16.57	-254.10
45705	75.67	-8.70	-8.30	268.23	58.07	-171.37	26.61	-24.94	-248.03
45706	74.56	-8.70	-8.30	267.58	56.19	-173.44	21.94	-34.21	-239.79
45707	73.45	-8.70	-8.30	265.32	54.20	-175.83	17.49	-44.40	-229.44
45708	72.34	-8.70	-8.30	261.62	52.10	-178.74	13.36	-55.61	-217.07
45709	71.23	-8.70	-8.30	256.69	49.91	-182.42	9.68	-67.97	-202.82
45710	70.11	-8.70	-8.30	250.79	47.65	-187.10	6.55	-81.70	-186.87
45711	69.00	-8.70	-8.30	244.28	45.36	-193.00	4.10	-97.08	-169.50
45712	67.89	-8.70	-8.30	237.57	42.97	-200.23	2.39	-114.46	-150.89
45713	66.78	-8.70	-8.30	231.36	40.56	-208.57	1.67	-134.74	-131.58
45714	65.67	-8.70	-8.30	225.95	38.29	-217.26	2.02	-158.40	-112.40
45715	64.56	-8.70	-8.30	221.24	35.69	-224.69	3.16	-185.72	-93.28
45716	63.45	-8.70	-8.30	217.04	33.50	-227.88	5.12	-217.93	-75.61
45717	62.34	-8.70	-8.30	212.28	31.05	-223.42	6.72	-252.14	-58.65
45718	61.22	-8.70	-8.30	206.09	27.72	-208.05	7.85	-287.22	-40.89
45719	59.93	-8.10	-2.70	-96.48	211.02	-86.51	75.33	-660.86	-148.92
45720	59.03	-8.10	-2.70	-7.69	306.11	70.72	108.44	-677.16	-169.18
45721	58.12	-8.10	-2.70	95.38	404.89	146.09	130.14	-738.59	-235.90
45722	57.22	-8.10	-2.70	183.48	578.32	275.60	148.43	-866.80	-298.64
45723	56.31	-8.10	-2.70	294.43	604.97	488.08	131.18	-1278.03	-449.25
45724	60.21	-8.70	-2.70	-71.98	220.02	35.47	-131.79	-672.74	-45.94
45725	59.29	-8.70	-2.70	39.62	324.57	309.81	-181.79	-700.96	-80.25
45726	58.38	-8.70	-2.70	171.79	420.09	517.44	-207.33	-777.47	-93.07
45727	57.46	-8.70	-2.70	346.21	583.09	771.25	-233.19	-922.62	-110.42
45728	56.54	-8.70	-2.70	797.91	865.12	1242.02	-307.29	-1471.12	108.95
45729	59.93	-8.10	-4.10	9.32	156.64	-124.10	-29.77	-491.68	-99.93
45730	59.03	-8.10	-4.10	32.84	233.99	49.93	-38.39	-517.45	-77.44
45731	58.12	-8.10	-4.10	109.25	303.18	196.55	-25.88	-551.87	-57.57
45732	57.22	-8.10	-4.10	200.32	398.23	358.68	-4.50	-672.16	-38.25
45733	56.31	-8.10	-4.10	257.42	429.91	524.89	76.20	-1091.49	-326.84
45734	60.21	-8.70	-4.10	7.29	139.43	-82.88	-49.44	-475.25	-54.92
45735	59.29	-8.70	-4.10	35.54	181.66	95.68	-67.93	-507.96	-38.36
45736	58.38	-8.70	-4.10	118.10	221.47	257.89	-71.18	-553.96	0.78
45737	57.46	-8.70	-4.10	239.33	247.49	454.08	-53.65	-691.61	30.25
45738	56.54	-8.70	-4.10	453.58	370.27	747.36	-50.62	-1169.80	248.12

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]
45739	59.93	-8.10	-5.50	98.16	95.34	-152.60	-19.38	-433.33	-68.40
45740	59.03	-8.10	-5.50	94.30	115.35	-12.60	-25.35	-480.96	-36.64
45741	58.12	-8.10	-5.50	110.04	135.36	140.82	-14.87	-531.31	2.02
45742	57.22	-8.10	-5.50	145.47	167.07	291.55	12.80	-640.39	55.53
45743	56.31	-8.10	-5.50	201.59	200.34	432.86	56.91	-1055.46	-216.49
45744	60.21	-8.70	-5.50	92.32	90.10	-128.34	-37.49	-413.08	-38.89
45745	59.29	-8.70	-5.50	93.47	106.92	4.14	-48.10	-462.68	-0.89
45746	58.38	-8.70	-5.50	117.78	122.45	155.87	-48.01	-517.64	60.64
45747	57.46	-8.70	-5.50	164.24	131.92	319.80	-32.61	-629.90	124.98
45748	56.54	-8.70	-5.50	284.17	194.79	496.45	-42.58	-1080.77	344.46
45749	59.93	-8.10	-6.90	157.12	58.30	-169.87	0.10	-386.41	-49.99
45750	59.03	-8.10	-6.90	145.69	60.57	-61.60	3.36	-430.40	-16.01
45751	58.12	-8.10	-6.90	130.63	58.95	80.74	19.38	-475.08	23.85
45752	57.22	-8.10	-6.90	113.21	50.01	224.06	54.22	-587.58	97.98
45753	56.31	-8.10	-6.90	172.23	61.93	355.61	54.56	-1012.55	-138.15
45754	60.21	-8.70	-6.90	150.64	52.94	-149.65	-14.05	-368.46	-28.41
45755	59.29	-8.70	-6.90	141.69	52.77	-48.77	-15.51	-415.63	10.32
45756	58.38	-8.70	-6.90	132.31	47.97	86.52	-7.09	-463.94	69.27
45757	57.46	-8.70	-6.90	124.06	31.71	238.48	14.84	-564.77	144.67
45758	56.54	-8.70	-6.90	163.64	52.36	375.30	-10.44	-1028.16	378.32
45759	59.93	-8.10	-8.30	203.48	28.08	-188.26	23.49	-342.07	-35.67
45760	59.03	-8.10	-8.30	190.99	17.30	-107.97	32.92	-376.12	-4.23
45761	58.12	-8.10	-8.30	177.53	0.53	12.39	54.20	-397.42	28.59
45762	57.22	-8.10	-8.30	137.39	-46.63	194.15	105.88	-465.05	103.02
45763	56.31	-8.10	-8.30	87.24	-67.49	368.47	170.43	-924.04	-27.53
45764	60.21	-8.70	-8.30	195.98	22.08	-167.90	8.74	-326.80	-16.41
45765	59.29	-8.70	-8.30	183.11	11.61	-93.56	12.88	-364.84	19.63
45766	58.38	-8.70	-8.30	169.50	-5.72	18.49	25.96	-393.21	68.83
45767	57.46	-8.70	-8.30	137.09	-46.04	188.94	56.95	-453.39	137.82
45768	56.54	-8.70	-8.30	58.47	-104.15	381.45	71.13	-911.83	400.93
45769	99.88	-9.79	-2.70	-42.99	-61.27	1.30	-74.45	13.04	43.07
45770	98.96	-9.75	-2.70	-99.46	-12.36	-5.49	-126.56	14.46	22.61
45771	98.05	-9.70	-2.70	-173.48	24.73	-11.91	-153.85	29.82	7.76
45772	97.13	-9.66	-2.70	-284.28	52.11	-21.43	-153.39	59.27	-18.44
45773	96.21	-9.62	-2.70	-473.04	54.86	-182.56	-125.58	187.43	-55.41
45774	99.10	-11.34	-2.70	-55.54	-60.77	1.09	-78.40	17.01	40.25
45775	98.20	-11.21	-2.70	-115.38	-5.03	-3.99	-121.80	14.79	21.06
45776	97.30	-11.08	-2.70	-182.05	38.90	-8.36	-143.12	24.31	8.15
45777	96.40	-10.95	-2.70	-269.40	74.65	-15.88	-141.90	41.97	-13.23
45778	95.51	-10.82	-2.70	-403.71	102.16	-107.35	-120.60	123.46	-30.71
45779	98.21	-12.83	-2.70	-69.44	-59.77	0.77	-82.57	20.31	37.30
45780	97.34	-12.62	-2.70	-130.59	1.27	-2.55	-116.26	15.06	20.01
45781	96.46	-12.41	-2.70	-189.67	50.84	-5.08	-131.94	19.28	9.56
45782	95.59	-12.19	-2.70	-255.79	95.12	-10.70	-131.16	26.55	-6.46
45783	94.72	-11.98	-2.70	-340.46	149.06	-36.98	-117.95	66.36	-0.65
45784	97.21	-14.25	-2.70	-84.71	-57.99	0.66	-86.44	23.08	34.01
45785	96.37	-13.96	-2.70	-145.27	6.33	-1.04	-110.13	15.21	18.94
45786	95.53	-13.67	-2.70	-196.35	60.45	-1.85	-120.47	14.85	11.39
45787	94.69	-13.37	-2.70	-243.16	113.82	-5.89	-120.94	13.10	1.61
45788	93.85	-13.08	-2.70	-283.30	195.85	29.82	-117.32	16.25	34.40
45789	96.11	-15.59	-2.70	-101.24	-55.29	0.56	-89.61	25.22	30.29
45790	95.31	-15.22	-2.70	-159.30	10.19	0.39	-103.53	15.20	17.68
45791	94.51	-14.85	-2.70	-202.01	67.85	1.21	-108.93	10.96	13.48
45792	93.71	-14.48	-2.70	-231.42	130.69	-1.46	-111.21	1.59	10.73
45793	92.91	-14.11	-2.70	-232.03	242.49	93.67	-117.38	-26.26	73.89
45794	94.92	-16.85	-2.70	-118.88	-51.60	0.47	-91.79	26.64	26.21
45795	94.16	-16.41	-2.70	-172.61	12.99	1.71	-96.59	15.00	16.30
45796	93.40	-15.97	-2.70	-206.62	73.18	4.09	-97.62	7.63	15.77
45797	92.65	-15.53	-2.70	-220.51	145.81	2.60	-102.01	-7.89	20.69
45798	91.89	-15.08	-2.70	-186.34	288.46	154.66	-117.96	-61.51	116.16
45799	93.63	-18.02	-2.70	-137.44	-46.92	0.37	-92.66	27.30	21.90
45800	92.93	-17.51	-2.70	-185.16	14.91	2.94	-89.44	14.59	14.81
45801	92.22	-17.00	-2.70	-210.26	76.65	6.80	-86.83	4.85	18.17
45802	91.52	-16.49	-2.70	-210.47	159.26	6.30	-93.49	-15.34	31.11
45803	90.82	-15.98	-2.70	-146.27	333.95	212.87	-118.66	-89.32	160.96
45804	92.26	-19.09	-2.70	-156.67	-41.36	0.28	-91.96	27.16	17.50
45805	91.62	-18.52	-2.70	-197.01	16.14	4.06	-82.20	13.95	13.28
45806	90.97	-17.94	-2.70	-213.13	78.58	9.31	-76.86	2.61	20.61
45807	90.33	-17.37	-2.70	-201.51	171.27	9.69	-85.74	-20.77	41.79
45808	89.68	-16.80	-2.70	-112.02	378.65	267.44	-118.74	-108.94	206.95
45809	90.82	-20.05	-2.70	-176.23	-35.07	0.20	-89.44	26.18	13.12
45810	90.24	-19.42	-2.70	-208.21	16.90	5.08	-74.96	13.04	11.75
45811	89.65	-18.79	-2.70	-215.52	79.38	11.61	-67.88	0.86	23.02
45812	89.07	-18.17	-2.70	-193.89	182.08	12.82	-78.72	-24.17	52.38
45813	88.49	-17.54	-2.70	-83.65	421.42	317.32	-117.75	-120.70	252.05
45814	89.31	-20.91	-2.70	-195.68	-28.29	0.13	-84.88	24.37	8.90
45815	88.80	-20.23	-2.70	-218.83	17.43	6.00	-67.71	11.84	10.26
45816	88.28	-19.55	-2.70	-217.73	79.45	13.67	-59.96	-0.45	25.31
45817	87.77	-18.87	-2.70	-187.80	191.75	15.60	-72.35	-25.66	62.48
45818	87.25	-18.19	-2.70	-60.95	461.78	362.06	-115.34	-124.88	295.17
45819	87.74	-21.65	-2.70	-214.53	-21.31	0.08	-78.14	21.74	4.98
45820	87.30	-20.93	-2.70	-228.89	17.91	6.80	-60.44	10.35	8.87
45821	86.86	-20.20	-2.70	-220.04	79.17	15.48	-53.09	-1.35	27.42
45822	86.41	-19.48	-2.70	-183.40	200.43	18.05	-66.55	-25.39	71.82
45823	85.97	-18.76	-2.70	-43.65	498.93	401.06	-111.23	-121.91	334.93
45824	86.12	-22.28	-2.70	-232.19	-14.49	0.06	-69.17	18.33	1.50
45825	85.75	-21.52	-2.70	-238.37	18.51	7.50	-53.07	8.57	7.64
45826	85.39	-20.76	-2.70	-222.68	78.90	17.02	-47.18	-1.94	29.30
45827	85.02	-19.99	-2.70	-180.78	208.24	20.13	-61.22	-23.54	80.11
45828	84.65	-19.23	-2.70	-31.47	532.08	433.79	-105.34	-112.50	370.02
45829	84.46	-22.78	-2.70	-248.04	-8.20	0.07	-58.05	14.19	-1.42
45830	84.17	-21.99	-2.70	-247.20	19.36	8.09	-45.55	6.48	6.62
45831	83.88	-21.20	-2.70	-225.84	78.98	18.27	-42.10	-2.28	30.90
45832	83.59	-20.41	-2.70	-180.03	215.24	21.82	-56.25	-20.35	87.05
45833	83.31	-19.62	-2.70	-24.05	560.47	459.79	-97.73	-97.56	399.27
45834	82.77	-23.17	-2.70	-261.45	-2.83	0.12	-44.98	9.37	-3.67
45835	82.56	-22.35	-2.70	-255.21	20.56	8.57	-37.81	4.07	5.87
45836	82.35	-21.54	-2.70	-229.61	79.69	19.23	-37.65	-2.49	32.18
45837	82.14	-20.72	-2.70	-181.16	221.50	23.11	-51.51	-16.13	92.42



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]
45838	81.94	-19.90	-2.70	-21.09	583.42	478.63	-88.60	-78.24	421.64
45839	81.05	-23.42	-2.70	-271.72	1.29	0.20	-30.29	3.95	-5.12
45840	80.92	-22.59	-2.70	-262.14	22.17	8.93	-29.79	1.35	5.41
45841	80.80	-21.76	-2.70	-233.95	81.26	19.86	-33.58	-2.66	33.09
45842	80.67	-20.93	-2.70	-184.10	227.07	23.95	-46.87	-11.21	96.01
45843	80.55	-20.10	-2.70	-22.29	600.40	490.01	-78.30	-55.84	436.33
45844	79.32	-23.55	-2.70	-278.18	3.92	0.29	-14.45	-1.96	-5.68
45845	79.28	-22.71	-2.70	-267.64	24.24	9.14	-21.45	-1.66	5.30
45846	79.23	-21.87	-2.70	-238.69	83.85	20.16	-29.60	-2.91	33.61
45847	79.19	-21.03	-2.70	-188.68	232.00	24.36	-42.18	-5.98	97.71
45848	79.15	-20.20	-2.70	-27.43	611.02	493.59	-67.19	-31.81	442.76
45849	99.88	-9.79	-4.10	-27.13	-31.92	-3.59	-30.73	43.00	96.24
45850	98.96	-9.75	-4.10	-77.14	-13.44	-29.89	-53.88	56.60	50.43
45851	98.05	-9.70	-4.10	-135.68	-1.28	-49.56	-60.99	89.50	7.78
45852	97.13	-9.66	-4.10	-192.56	1.63	-108.82	-57.14	142.06	-44.21
45853	96.21	-9.62	-4.10	-185.84	6.72	-204.85	-60.44	158.64	-86.24
45854	99.10	-11.34	-4.10	-32.09	-38.96	-1.83	-37.07	48.62	92.06
45855	98.20	-11.21	-4.10	-77.66	-14.38	-21.49	-56.86	51.88	49.71
45856	97.30	-11.08	-4.10	-125.38	3.79	-35.61	-63.04	69.81	12.43
45857	96.40	-10.95	-4.10	-167.65	14.53	-72.98	-60.04	98.66	-29.23
45858	95.51	-10.82	-4.10	-164.66	23.11	-126.92	-58.63	103.04	-63.48
45859	98.21	-12.83	-4.10	-39.43	-44.72	-0.42	-44.64	53.27	86.58
45860	97.34	-12.62	-4.10	-80.30	-14.57	-13.38	-60.75	47.37	49.17
45861	96.46	-12.41	-4.10	-117.90	9.51	-22.25	-66.22	52.03	18.76
45862	95.59	-12.19	-4.10	-146.41	28.34	-39.37	-64.44	59.99	-10.76
45863	94.72	-11.98	-4.10	-144.54	39.47	-52.81	-58.17	52.50	-35.65
45864	97.21	-14.25	-4.10	-49.20	-48.45	1.28	-52.70	56.93	80.27
45865	96.37	-13.96	-4.10	-85.02	-13.52	-5.41	-65.03	43.12	48.80
45866	95.53	-13.67	-4.10	-113.12	16.37	-9.47	-70.09	36.27	26.48
45867	94.69	-13.37	-4.10	-128.92	43.58	-7.52	-69.92	25.93	11.06
45868	93.85	-13.08	-4.10	-126.65	56.00	17.84	-58.59	7.84	-3.25
45869	96.11	-15.59	-4.10	-61.35	-49.85	2.95	-60.55	59.49	73.21
45870	95.31	-15.22	-4.10	-91.76	-11.01	2.14	-69.25	39.10	48.48
45871	94.51	-14.85	-4.10	-111.05	24.60	2.60	-74.11	22.58	35.35
45872	93.71	-14.48	-4.10	-115.33	60.38	22.65	-75.68	-3.22	35.67
45873	92.91	-14.11	-4.10	-111.20	72.41	84.86	-59.19	-29.82	32.93
45874	94.92	-16.85	-4.10	-75.75	-48.88	4.48	-67.61	60.81	65.54
45875	94.16	-16.41	-4.10	-100.45	-7.00	9.20	-72.96	35.29	48.17
45876	93.40	-15.97	-4.10	-111.62	34.19	13.93	-77.78	11.02	45.05
45877	92.65	-15.53	-4.10	-105.52	78.56	51.19	-81.05	-27.21	62.35
45878	91.89	-15.08	-4.10	-98.15	88.52	148.20	-59.69	-60.49	71.08
45879	93.63	-18.02	-4.10	-92.20	-45.66	5.87	-73.31	60.78	57.49
45880	92.93	-17.51	-4.10	-110.91	-1.54	15.76	-75.74	31.65	47.86
45881	92.22	-17.00	-4.10	-114.69	45.02	24.50	-80.63	1.62	55.26
45882	91.52	-16.49	-4.10	-99.33	97.91	78.03	-85.51	-45.96	90.29
45883	90.82	-15.98	-4.10	-87.49	104.03	207.71	-59.93	-83.89	110.78
45884	92.26	-19.09	-4.10	-110.33	-40.42	7.15	-77.14	59.29	49.25
45885	91.62	-18.52	-4.10	-122.92	5.20	21.80	-77.18	28.10	47.54
45886	90.97	-17.94	-4.10	-120.01	56.90	34.28	-82.22	-5.65	65.66
45887	90.33	-17.37	-4.10	-96.56	118.14	103.00	-88.52	-59.40	118.71
45888	89.68	-16.80	-4.10	-79.23	119.07	262.93	-59.73	-99.80	150.65
45889	90.82	-20.05	-4.10	-129.62	-33.52	8.32	-78.61	56.28	41.07
45890	90.24	-19.42	-4.10	-136.11	12.99	27.31	-76.93	24.58	47.19
45891	89.65	-18.79	-4.10	-127.27	69.54	43.20	-82.16	-10.89	75.91
45892	89.07	-18.17	-4.10	-96.83	138.77	125.84	-89.57	-67.59	146.65
45893	88.49	-17.54	-4.10	-73.15	133.41	313.24	-58.86	-108.65	189.36
45894	89.31	-20.91	-4.10	-149.43	-25.41	9.40	-77.34	51.70	33.18
45895	88.80	-20.23	-4.10	-150.02	21.48	32.24	-74.68	21.01	46.82
45896	88.28	-19.55	-4.10	-135.99	82.52	51.20	-80.10	-14.23	85.68
45897	87.77	-18.87	-4.10	-99.60	159.17	146.31	-88.31	-70.84	173.23
45898	87.25	-18.19	-4.10	-69.05	146.82	358.18	-57.25	-110.89	225.93
45899	87.74	-21.65	-4.10	-168.96	-16.67	10.38	-73.11	45.57	25.84
45900	87.30	-20.93	-4.10	-164.08	30.26	36.58	-70.22	17.30	46.46
45901	86.86	-20.20	-4.10	-145.63	95.34	58.20	-75.87	-15.88	94.68
45902	86.41	-19.48	-4.10	-104.28	178.70	164.17	-84.57	-69.55	197.66
45903	85.97	-18.76	-4.10	-66.71	159.14	397.29	-54.89	-107.04	259.35
45904	86.12	-22.28	-4.10	-187.40	-7.92	11.30	-65.85	37.94	19.33
45905	85.75	-21.52	-4.10	-177.68	38.85	40.31	-63.52	13.40	46.15
45906	85.39	-20.76	-4.10	-155.59	107.46	64.16	-69.41	-16.08	102.65
45907	85.02	-19.99	-4.10	-110.23	196.67	179.24	-78.34	-64.22	219.21
45908	84.65	-19.23	-4.10	-65.92	170.20	430.12	-51.78	-97.79	288.69
45909	84.46	-22.78	-4.10	-203.89	0.19	12.18	-55.69	28.87	13.87
45910	84.17	-21.99	-4.10	-190.19	46.75	43.44	-54.68	9.21	45.93
45911	83.88	-21.20	-4.10	-165.28	118.35	69.03	-60.86	-15.12	109.36
45912	83.59	-20.41	-4.10	-116.84	212.45	191.33	-69.78	-55.51	237.19
45913	83.31	-19.62	-4.10	-66.46	179.86	456.27	-47.99	-84.00	313.08
45914	82.77	-23.17	-4.10	-217.61	7.04	13.04	-42.98	18.42	9.71
45915	82.56	-22.35	-4.10	-200.99	53.51	45.94	-43.94	4.60	45.83
45916	82.35	-21.54	-4.10	-174.10	127.51	72.77	-50.46	-13.38	114.59
45917	82.14	-20.72	-4.10	-123.49	225.44	200.27	-59.22	-44.19	251.01
45918	81.94	-19.90	-4.10	-68.11	188.00	475.36	-43.63	-66.69	331.79
45919	81.05	-23.42	-4.10	-227.77	12.11	13.84	-28.23	6.69	7.07
45920	80.92	-22.59	-4.10	-209.48	58.74	47.77	-31.70	-0.54	45.90
45921	80.80	-21.76	-4.10	-181.50	134.55	75.31	-38.62	-11.27	118.19
45922	80.67	-20.93	-4.10	-129.65	235.17	205.92	-47.11	-31.16	260.22
45923	80.55	-20.10	-4.10	-70.69	194.53	487.09	-38.84	-46.98	344.24
45924	79.32	-23.55	-4.10	-233.70	15.01	14.47	-12.13	-6.12	6.17
45925	79.28	-22.71	-4.10	-215.10	62.17	48.79	-18.45	-6.26	46.19
45926	79.23	-21.87	-4.10	-186.98	139.18	76.55	-25.84	-9.15	120.05
45927	79.19	-21.03	-4.10	-134.88	241.31	208.13	-34.02	-17.33	264.50
45928	79.15	-20.20	-4.10	-74.01	199.44	491.25	-33.74	-26.13	350.07
45929	99.88	-9.79	-5.50	-10.91	4.69	-27.76	-1.26	70.08	121.53
45930	98.96	-9.75	-5.50	-41.17	4.18	-68.33	-6.76	95.28	64.20
45931	98.05	-9.70	-5.50	-70.46	3.64	-103.66	-7.33	126.69	8.85
45932	97.13	-9.66	-5.50	-78.06	3.45	-156.86	-9.19	148.20	-44.86
45933	96.21	-9.62	-5.50	-67.07	7.10	-210.21	-14.25	136.57	-85.73
45934	99.10	-11.34	-5.50	-12.33	-9.31	-18.88	-8.07	73.51	116.51
45935	98.20	-11.21	-5.50	-36.82	-4.97	-49.08	-13.07	83.84	64.21
45936	97.30	-11.08	-5.50	-59.14	-0.74	-73.62	-13.82	98.25	15.61

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]
45937	96.40	-10.95	-5.50	-65.11	3.08	-107.65	-14.48	105.01	-30.35
45938	95.51	-10.82	-5.50	-57.53	9.43	-137.25	-16.01	90.00	-66.73
45939	98.21	-12.83	-5.50	-16.15	-20.78	-10.03	-16.55	76.24	110.70
45940	97.34	-12.62	-5.50	-35.26	-11.78	-30.19	-20.93	73.16	65.20
45941	96.46	-12.41	-5.50	-50.93	-2.85	-44.73	-21.84	72.54	25.06
45942	95.59	-12.19	-5.50	-54.49	4.58	-60.77	-21.16	66.07	-11.83
45943	94.72	-11.98	-5.50	-49.09	12.54	-67.40	-18.75	47.69	-43.30
45944	97.21	-14.25	-5.50	-22.68	-29.49	-1.31	-25.98	78.00	103.92
45945	96.37	-13.96	-5.50	-36.56	-16.11	-12.04	-29.68	63.30	66.73
45946	95.53	-13.67	-5.50	-45.93	-2.50	-17.23	-30.83	49.64	36.57
45947	94.69	-13.37	-5.50	-46.69	8.07	-16.19	-28.67	31.66	10.08
45948	93.85	-13.08	-5.50	-42.41	16.54	-0.77	-22.13	10.32	-16.10
45949	96.11	-15.59	-5.50	-31.92	-35.18	6.99	-35.61	78.71	96.39
45950	95.31	-15.22	-5.50	-40.74	-17.73	5.14	-38.65	54.30	68.69
45951	94.51	-14.85	-5.50	-44.24	0.44	8.82	-40.07	29.76	49.78
45952	93.71	-14.48	-5.50	-41.91	13.54	26.09	-36.38	2.20	34.73
45953	92.91	-14.11	-5.50	-37.50	21.30	62.52	-25.55	-21.19	14.28
45954	94.92	-16.85	-5.50	-43.82	-37.82	14.69	-44.74	78.24	88.32
45955	94.16	-16.41	-5.50	-47.75	-16.64	21.21	-47.18	46.21	70.98
45956	93.40	-15.97	-5.50	-45.84	5.93	33.35	-48.87	13.05	64.22
45957	92.65	-15.53	-5.50	-40.11	20.89	66.00	-43.67	-21.97	61.32
45958	91.89	-15.08	-5.50	-34.28	26.79	122.31	-28.80	-46.79	46.24
45959	93.63	-18.02	-5.50	-58.18	-37.57	21.79	-52.74	76.48	79.91
45960	92.93	-17.51	-5.50	-57.43	-12.98	36.16	-54.65	38.99	73.47
45961	92.22	-17.00	-5.50	-50.54	13.80	56.28	-56.60	-0.46	79.41
45962	91.52	-16.49	-5.50	-41.12	29.94	103.41	-50.04	-40.79	88.95
45963	90.82	-15.98	-5.50	-32.64	32.72	178.35	-31.69	-66.23	79.40
45964	92.26	-19.09	-5.50	-74.65	-34.70	28.32	-58.96	73.29	71.34
45965	91.62	-18.52	-5.50	-69.45	-7.01	49.95	-60.45	32.53	76.01
45966	90.97	-17.94	-5.50	-58.02	23.73	77.51	-62.61	-10.81	94.80
45967	90.33	-17.37	-5.50	-44.70	40.43	138.08	-54.99	-54.26	116.82
45968	89.68	-16.80	-5.50	-32.59	39.27	230.23	-34.04	-79.46	112.47
45969	90.82	-20.05	-5.50	-92.66	-29.62	34.29	-62.82	68.56	62.82
45970	90.24	-19.42	-5.50	-83.30	0.84	62.51	-64.02	26.69	78.49
45971	89.65	-18.79	-5.50	-67.77	35.28	96.89	-66.36	-18.16	109.92
45972	89.07	-18.17	-5.50	-50.43	52.00	169.71	-58.08	-62.57	144.05
45973	88.49	-17.54	-5.50	-33.91	46.19	277.45	-35.52	-86.86	144.45
45974	89.31	-20.91	-5.50	-111.46	-22.86	39.68	-63.87	62.19	54.61
45975	88.80	-20.23	-5.50	-98.29	10.05	73.77	-64.92	21.35	80.82
45976	88.28	-19.55	-5.50	-79.12	47.83	114.25	-67.42	-22.73	124.29
45977	87.77	-18.87	-5.50	-57.73	64.14	197.98	-58.97	-66.06	169.83
45978	87.25	-18.19	-5.50	-36.30	53.24	319.58	-35.99	-88.81	174.58
45979	87.74	-21.65	-5.50	-130.19	-15.07	44.48	-61.79	54.19	46.97
45980	87.30	-20.93	-5.50	-113.63	19.95	83.67	-62.88	16.36	82.94
45981	86.86	-20.20	-5.50	-91.29	60.68	129.44	-65.54	-24.82	137.49
45982	86.41	-19.48	-5.50	-65.99	76.27	222.62	-57.51	-65.16	193.44
45983	85.97	-18.76	-5.50	-39.46	60.19	356.20	-35.41	-85.79	202.04
45984	86.12	-22.28	-5.50	-147.92	-6.99	48.73	-56.52	44.58	40.18
45985	85.75	-21.52	-5.50	-128.48	29.82	92.18	-57.83	11.56	84.83
45986	85.39	-20.76	-5.50	-103.48	73.09	142.34	-60.69	-24.77	149.16
45987	85.02	-19.99	-5.50	-74.57	87.81	243.41	-53.70	-60.41	214.22
45988	84.65	-19.23	-5.50	-43.10	66.80	386.95	-33.77	-78.39	226.11
45989	84.46	-22.78	-5.50	-163.77	0.65	52.49	-48.21	33.40	34.53
45990	84.17	-21.99	-5.50	-142.03	38.94	99.29	-49.96	6.78	86.48
45991	83.88	-21.20	-5.50	-114.90	84.32	152.89	-53.08	-23.02	158.96
45992	83.59	-20.41	-5.50	-82.86	98.19	260.13	-47.73	-52.48	231.56
45993	83.31	-19.62	-5.50	-46.90	72.82	411.49	-31.16	-67.37	246.13
45994	82.77	-23.17	-5.50	-176.90	7.16	55.79	-37.24	20.64	30.24
45995	82.56	-22.35	-5.50	-153.52	46.65	105.00	-39.64	1.75	87.87
45996	82.35	-21.54	-5.50	-124.84	93.71	160.99	-43.10	-20.12	166.62
45997	82.14	-20.72	-5.50	-90.29	106.90	272.60	-39.91	-42.18	244.95
45998	81.94	-19.90	-5.50	-50.60	78.05	429.52	-27.74	-53.56	261.54
45999	81.05	-23.42	-5.50	-186.56	11.94	58.54	-24.18	6.30	27.58
46000	80.92	-22.59	-5.50	-162.26	52.39	109.18	-27.42	-3.83	89.01
46001	80.80	-21.76	-5.50	-132.63	100.71	166.49	-31.31	-16.68	171.88
46002	80.67	-20.93	-5.50	-96.35	113.52	280.63	-30.68	-30.38	253.97
46003	80.55	-20.10	-5.50	-53.92	82.33	440.79	-23.70	-37.95	271.90
46004	79.32	-23.55	-5.50	-192.04	14.59	60.40	-9.76	-9.48	26.78
46005	79.28	-22.71	-5.50	-167.59	55.76	111.54	-14.01	-10.16	89.90
46006	79.23	-21.87	-5.50	-137.71	104.91	169.18	-18.39	-13.25	174.59
46007	79.19	-21.03	-5.50	-100.61	117.74	284.03	-20.58	-17.99	258.35
46008	79.15	-20.20	-5.50	-56.66	85.55	445.13	-19.27	-21.57	276.95
46009	99.88	-9.79	-6.90	3.69	39.92	-70.98	20.42	86.59	133.01
46010	98.96	-9.75	-6.90	-5.58	31.52	-110.02	24.38	117.81	72.61
46011	98.05	-9.70	-6.90	-9.59	25.73	-144.61	27.33	138.03	16.12
46012	97.13	-9.66	-6.90	-1.08	22.37	-183.71	26.96	142.09	-35.29
46013	96.21	-9.62	-6.90	15.20	22.84	-214.92	23.73	123.53	-76.41
46014	99.10	-11.34	-6.90	4.28	21.27	-49.78	14.39	87.95	127.84
46015	98.20	-11.21	-6.90	-0.76	16.15	-78.58	17.70	102.33	73.09
46016	97.30	-11.08	-6.90	-2.00	13.40	-103.06	20.30	108.20	22.86
46017	96.40	-10.95	-6.90	5.82	12.76	-128.98	20.82	102.72	-22.48
46018	95.51	-10.82	-6.90	18.87	15.24	-146.94	19.97	82.93	-60.04
46019	98.21	-12.83	-6.90	2.82	5.38	-28.45	6.44	88.85	121.99
46020	97.34	-12.62	-6.90	1.52	3.39	-47.74	9.18	87.89	74.81
46021	96.46	-12.41	-6.90	3.14	3.56	-62.93	11.64	81.01	32.43
46022	95.59	-12.19	-6.90	10.89	5.18	-76.47	13.35	67.07	-5.93
46023	94.72	-11.98	-6.90	21.64	8.86	-81.69	15.28	46.10	-39.81
46024	97.21	-14.25	-6.90	-1.17	-7.36	-7.77	-2.73	88.86	115.24
46025	96.37	-13.96	-6.90	1.17	-6.38	-18.16	-0.46	74.58	77.39
46026	95.53	-13.67	-6.90	5.63	-3.49	-24.60	1.95	56.73	44.23
46027	94.69	-13.37	-6.90	13.77	-0.14	-26.36	5.06	35.53	13.76
46028	93.85	-13.08	-6.90	22.95	3.85	-19.32	9.93	13.62	-16.29
46029	96.11	-15.59	-6.90	-7.75	-16.80	11.70	-12.43	87.94	107.80
46030	95.31	-15.22	-6.90	-1.96	-13.01	9.76	-10.57	62.57	80.65
46031	94.51	-14.85	-6.90	5.29	-7.64	11.72	-8.15	35.66	57.81
46032	93.71	-14.48	-6.90	14.29	-3.17	21.25	-3.50	8.57	35.89
46033	92.91	-14.11	-6.90	22.85	0.24	40.03	4.53	-13.66	9.97
46034	94.92	-16.85	-6.90	-16.96	-22.99	29.78	-22.01	86.03	99.96
46035	94.16	-16.41	-6.90	-7.90	-16.51	35.89	-20.52	51.94	84.47

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]
46036	93.40	-15.97	-6.90	2.08	-8.92	45.91	-18.03	17.99	72.64
46037	92.65	-15.53	-6.90	12.43	-3.94	66.24	-11.85	-13.50	59.70
46038	91.89	-15.08	-6.90	21.37	-1.99	96.19	-0.76	-35.74	37.49
46039	93.63	-18.02	-6.90	-28.69	-26.08	46.47	-30.83	83.03	91.88
46040	92.93	-17.51	-6.90	-16.56	-17.03	60.20	-29.67	42.66	88.61
46041	92.22	-17.00	-6.90	-3.90	-7.47	77.88	-27.09	3.75	88.16
46042	91.52	-16.49	-6.90	8.30	-2.56	108.41	-19.49	-30.66	84.30
46043	90.82	-15.98	-6.90	18.65	-3.09	148.85	-5.69	-52.44	65.91
46044	92.26	-19.09	-6.90	-42.65	-26.33	61.83	-38.24	78.76	83.68
46045	91.62	-18.52	-6.90	-27.64	-14.81	82.63	-37.36	34.58	92.83
46046	90.97	-17.94	-6.90	-12.34	-3.51	107.47	-34.70	-7.19	103.81
46047	90.33	-17.37	-6.90	2.13	0.78	147.49	-25.94	-43.01	108.95
46048	89.68	-16.80	-6.90	14.68	-2.82	197.62	-10.05	-63.81	94.06
46049	90.82	-20.05	-6.90	-58.30	-24.08	75.84	-43.61	73.05	75.53
46050	90.24	-19.42	-6.90	-40.63	-10.25	103.08	-42.96	27.49	96.94
46051	89.65	-18.79	-6.90	-22.76	2.53	134.46	-40.26	-15.06	119.09
46052	89.07	-18.17	-6.90	-5.67	5.80	183.12	-30.74	-50.79	132.90
46053	88.49	-17.54	-6.90	9.78	-1.48	242.00	-13.45	-70.27	121.16
46054	89.31	-20.91	-6.90	-74.90	-19.85	88.44	-46.42	65.78	67.65
46055	88.80	-20.23	-6.90	-54.81	-3.90	121.40	-45.99	21.21	100.80
46056	88.28	-19.55	-6.90	-34.47	10.10	158.62	-43.35	-20.13	133.55
46057	87.77	-18.87	-6.90	-14.54	12.00	214.96	-33.54	-54.35	155.49
46058	87.25	-18.19	-6.90	4.31	0.71	281.57	-15.76	-72.15	146.61
46059	87.74	-21.65	-6.90	-91.58	-14.28	99.58	-46.34	56.92	60.31
46060	87.30	-20.93	-6.90	-69.34	3.55	137.50	-46.12	15.56	104.32
46061	86.86	-20.20	-6.90	-46.71	18.52	179.75	-43.69	-22.69	146.80
46062	86.41	-19.48	-6.90	-23.87	18.87	242.71	-34.18	-54.10	176.14
46063	85.97	-18.76	-6.90	-1.40	3.49	315.96	-16.89	-69.87	169.77
46064	86.12	-22.28	-6.90	-107.42	-8.09	109.29	-43.27	46.51	53.80
46065	85.75	-21.52	-6.90	-83.35	11.35	151.31	-43.30	10.35	107.45
46066	85.39	-20.76	-6.90	-58.67	27.08	197.71	-41.27	-23.13	158.51
46067	85.02	-19.99	-6.90	-33.05	25.84	266.15	-32.66	-50.52	194.31
46068	84.65	-19.23	-6.90	-6.98	6.56	344.86	-16.87	-63.95	190.07
46069	84.46	-22.78	-6.90	-121.60	-2.01	117.69	-37.36	34.59	48.41
46070	84.17	-21.99	-6.90	-96.07	18.78	162.87	-37.68	5.37	110.17
46071	83.88	-21.20	-6.90	-69.65	35.10	212.44	-36.25	-21.88	168.39
46072	83.59	-20.41	-6.90	-41.51	32.41	285.08	-29.14	-44.22	209.51
46073	83.31	-19.62	-6.90	-12.12	9.67	368.00	-15.78	-55.05	206.98
46074	82.77	-23.17	-6.90	-133.42	3.27	124.88	-28.96	21.08	44.37
46075	82.56	-22.35	-6.90	-106.81	25.15	172.21	-29.67	0.27	112.48
46076	82.35	-21.54	-6.90	-79.00	41.95	223.86	-29.04	-19.52	176.17
46077	82.14	-20.72	-6.90	-48.75	38.09	299.35	-23.94	-35.94	221.32
46078	81.94	-19.90	-6.90	-16.53	12.57	385.15	-13.81	-43.90	220.05
46079	81.05	-23.42	-6.90	-142.22	7.17	130.71	-18.64	5.79	41.91
46080	80.92	-22.59	-6.90	-114.93	29.87	179.17	-19.86	-5.44	114.32
46081	80.80	-21.76	-6.90	-86.12	47.09	231.79	-20.21	-16.75	181.63
46082	80.67	-20.93	-6.90	-54.29	42.47	308.76	-17.49	-26.50	229.40
46083	80.55	-20.10	-6.90	-19.94	15.05	396.11	-11.17	-31.35	228.93
46084	79.32	-23.55	-6.90	-147.29	9.29	134.51	-7.09	-11.30	41.27
46085	79.28	-22.71	-6.90	-119.76	32.54	183.20	-8.97	-12.15	115.63
46086	79.23	-21.87	-6.90	-90.45	50.11	235.88	-10.40	-14.21	184.54
46087	79.19	-21.03	-6.90	-57.73	45.24	313.09	-10.29	-16.74	233.46
46088	79.15	-20.20	-6.90	-22.11	16.97	400.71	-8.11	-18.28	233.40
46089	99.88	-9.79	-8.30	15.24	73.40	-123.80	37.74	92.24	137.81
46090	98.96	-9.75	-8.30	23.09	62.97	-147.66	48.27	123.24	79.63
46091	98.05	-9.70	-8.30	36.64	54.65	-173.75	55.41	135.30	26.25
46092	97.13	-9.66	-8.30	56.92	48.79	-200.78	58.38	131.14	-21.37
46093	96.21	-9.62	-8.30	79.11	46.06	-219.91	58.19	111.30	-60.72
46094	99.10	-11.34	-8.30	17.55	51.52	-87.31	33.21	92.79	132.57
46095	98.20	-11.21	-8.30	27.88	42.58	-104.90	42.58	107.06	79.95
46096	97.30	-11.08	-8.30	42.07	35.83	-124.26	48.97	107.08	32.22
46097	96.40	-10.95	-8.30	60.71	31.64	-143.67	52.16	96.07	-10.30
46098	95.51	-10.82	-8.30	80.13	30.45	-156.33	53.20	75.67	-46.56
46099	98.21	-12.83	-8.30	18.34	32.43	-50.65	26.66	92.88	126.47
46100	97.34	-12.62	-8.30	30.71	24.83	-62.87	34.87	91.82	81.41
46101	96.46	-12.41	-8.30	45.64	19.55	-76.21	40.81	81.18	40.82
46102	95.59	-12.19	-8.30	63.10	16.65	-88.62	44.56	64.20	4.13
46103	94.72	-11.98	-8.30	80.44	16.44	-95.20	47.20	43.36	-28.94
46104	97.21	-14.25	-8.30	17.02	16.59	-15.42	18.69	92.05	119.37
46105	96.37	-13.96	-8.30	31.41	10.20	-22.65	25.87	77.78	83.70
46106	95.53	-13.67	-8.30	47.13	6.14	-30.25	31.48	58.03	51.50
46107	94.69	-13.37	-8.30	63.82	4.08	-35.95	36.03	36.06	21.36
46108	93.85	-13.08	-8.30	79.48	4.16	-36.66	40.37	14.95	-8.46
46109	96.11	-15.59	-8.30	13.45	4.08	17.52	9.90	90.38	111.73
46110	95.31	-15.22	-8.30	29.72	-1.17	15.21	16.10	65.17	86.80
46111	94.51	-14.85	-8.30	46.35	-4.25	13.27	21.48	38.02	63.87
46112	93.71	-14.48	-8.30	62.68	-5.99	14.18	26.97	12.13	40.71
46113	92.91	-14.11	-8.30	77.33	-6.21	19.23	33.31	-8.71	14.40
46114	94.92	-16.85	-8.30	7.47	-5.26	48.04	0.80	87.90	103.88
46115	94.16	-16.41	-8.30	25.51	-9.33	50.59	6.06	54.15	90.56
46116	93.40	-15.97	-8.30	43.14	-11.61	54.25	11.29	21.36	77.39
46117	92.65	-15.53	-8.30	59.56	-13.47	61.63	17.81	-7.30	61.41
46118	91.89	-15.08	-8.30	73.94	-14.58	72.32	26.18	-27.69	38.17
46119	93.63	-18.02	-8.30	-0.94	-11.59	76.24	-8.05	84.49	95.92
46120	92.93	-17.51	-8.30	18.75	-14.38	83.50	-3.64	44.61	94.66
46121	92.22	-17.00	-8.30	37.50	-15.98	92.59	1.49	8.00	91.45
46122	91.52	-16.49	-8.30	54.49	-18.37	106.21	9.02	-22.32	82.63
46123	90.82	-15.98	-8.30	69.38	-21.17	122.28	19.27	-41.95	62.52
46124	92.26	-19.09	-8.30	-11.58	-15.07	102.19	-16.02	79.93	87.87
46125	91.62	-18.52	-8.30	9.64	-16.47	113.88	-12.35	36.36	98.82
46126	90.97	-17.94	-8.30	29.64	-17.50	128.09	-7.25	-2.29	105.51
46127	90.33	-17.37	-8.30	47.66	-20.80	147.55	1.14	-33.15	103.70
46128	89.68	-16.80	-8.30	63.72	-25.69	168.62	12.94	-51.66	86.42
46129	90.82	-20.05	-8.30	-24.00	-15.94	125.83	-22.45	73.98	79.86
46130	90.24	-19.42	-8.30	-1.35	-15.92	141.57	-19.37	29.11	102.81
46131	89.65	-18.79	-8.30	20.00	-16.51	160.46	-14.33	-9.81	119.14
46132	89.07	-18.17	-8.30	39.47	-21.03	185.24	-5.30	-40.09	124.02
46133	88.49	-17.54	-8.30	57.30	-28.49	210.81	7.59	-57.25	109.28
46134	89.31	-20.91	-8.30	-37.48	-14.64	147.03	-26.78	66.50	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]
46135	88.80	-20.23	-8.30	-13.53	-13.25	166.37	-24.18	22.66	106.52
46136	88.28	-19.55	-8.30	9.26	-13.56	189.42	-19.25	-14.83	131.98
46137	87.77	-18.87	-8.30	30.49	-19.54	218.91	-9.95	-43.48	143.12
46138	87.25	-18.19	-8.30	50.56	-29.86	248.43	3.42	-59.01	130.70
46139	87.74	-21.65	-8.30	-51.21	-11.74	165.72	-28.64	57.45	64.87
46140	87.30	-20.93	-8.30	-26.08	-9.10	188.14	-26.43	16.80	109.90
46141	86.86	-20.20	-8.30	-1.85	-9.29	214.74	-21.76	-17.64	143.73
46142	86.41	-19.48	-8.30	21.32	-16.86	248.25	-12.65	-43.65	160.57
46143	85.97	-18.76	-8.30	43.87	-30.12	281.12	0.51	-57.28	150.19
46144	86.12	-22.28	-8.30	-64.32	-7.92	181.89	-27.91	46.92	58.47
46145	85.75	-21.52	-8.30	-38.17	-4.19	206.80	-26.03	11.40	112.92
46146	85.39	-20.76	-8.30	-12.57	-4.36	236.29	-21.80	-18.56	154.12
46147	85.02	-19.99	-8.30	12.55	-13.53	273.06	-13.38	-41.03	175.93
46148	84.65	-19.23	-8.30	37.62	-29.62	308.63	-1.17	-52.51	167.28
46149	84.46	-22.78	-8.30	-76.08	-3.85	195.70	-24.68	35.00	53.20
46150	84.17	-21.99	-8.30	-49.10	0.81	222.42	-23.11	6.29	115.59
46151	83.88	-21.20	-8.30	-22.28	0.62	254.01	-19.52	-17.98	162.94
46152	83.59	-20.41	-8.30	4.67	-10.02	293.20	-12.29	-36.14	188.82
46153	83.31	-19.62	-8.30	32.11	-28.66	330.75	-1.73	-45.25	181.54
46154	82.77	-23.17	-8.30	-86.01	-0.13	207.50	-19.30	21.64	49.33
46155	82.56	-22.35	-8.30	-58.35	5.31	235.17	-18.02	1.14	117.99
46156	82.35	-21.54	-8.30	-30.46	5.09	267.89	-15.28	-16.43	170.02
46157	82.14	-20.72	-8.30	-1.88	-6.75	308.52	-9.68	-29.62	198.92
46158	81.94	-19.90	-8.30	27.65	-27.49	347.32	-1.34	-36.15	192.62
46159	81.05	-23.42	-8.30	-93.70	2.68	217.24	-12.28	6.38	47.07
46160	80.92	-22.59	-8.30	-65.49	8.72	244.98	-11.40	-4.74	120.08
46161	80.80	-21.76	-8.30	-36.64	8.56	277.78	-9.66	-14.66	175.17
46162	80.67	-20.93	-8.30	-6.70	-4.13	318.87	-5.98	-22.25	205.95
46163	80.55	-20.10	-8.30	24.49	-26.37	358.16	-0.26	-25.94	200.22
46164	79.32	-23.55	-8.30	-98.43	4.16	223.68	-4.26	-11.29	46.55
46165	79.28	-22.71	-8.30	-69.83	10.58	250.97	-4.00	-12.05	121.65
46166	79.23	-21.87	-8.30	-40.27	10.54	283.21	-3.33	-13.41	178.06
46167	79.19	-21.03	-8.30	-9.42	-2.52	324.00	-1.65	-14.76	209.62
46168	79.15	-20.20	-8.30	22.84	-25.50	363.14	1.25	-15.38	204.15
46169	60.69	-9.62	-2.70	-214.92	345.22	-46.32	-255.38	-471.20	85.03
46170	59.77	-9.66	-2.70	-4.37	490.22	215.68	-350.16	-387.83	155.41
46171	58.85	-9.70	-2.70	128.51	611.29	341.51	-398.03	-414.76	250.70
46172	57.94	-9.75	-2.70	291.87	764.82	483.39	-459.18	-483.63	378.47
46173	57.02	-9.79	-2.70	604.88	1234.23	819.61	-720.50	-716.59	801.41
46174	61.39	-10.82	-2.70	-394.72	338.86	-159.86	-113.38	-259.75	14.86
46175	60.50	-10.95	-2.70	-172.39	383.12	-10.84	-118.12	-109.42	36.96
46176	59.60	-11.08	-2.70	-68.04	408.40	-14.09	-122.76	-87.58	67.66
46177	58.70	-11.21	-2.70	15.09	427.05	-17.91	-145.11	-80.09	99.65
46178	57.80	-11.34	-2.70	-10.05	371.04	-42.66	-129.77	-29.12	119.21
46179	62.18	-11.98	-2.70	-406.01	342.40	-109.85	-58.40	-188.61	13.13
46180	61.31	-12.19	-2.70	-232.80	322.21	-7.26	-45.52	-78.73	15.17
46181	60.44	-12.41	-2.70	-139.72	305.96	1.79	-35.37	-60.88	41.56
46182	59.56	-12.62	-2.70	-80.44	260.00	6.24	-31.44	-47.54	57.26
46183	58.69	-12.83	-2.70	-4.60	168.46	17.83	-41.02	-51.61	79.93
46184	63.05	-13.08	-2.70	-388.33	359.90	-51.12	-29.56	-127.70	35.85
46185	62.21	-13.37	-2.70	-259.85	292.27	-9.02	-11.03	-52.59	13.39
46186	61.37	-13.67	-2.70	-184.47	246.57	-4.05	3.05	-43.11	31.90
46187	60.53	-13.96	-2.70	-117.61	183.19	-1.61	8.66	-37.77	44.17
46188	59.69	-14.25	-2.70	-42.48	85.55	0.22	0.07	-42.83	62.75
46189	63.99	-14.11	-2.70	-356.85	383.38	12.65	-14.65	-77.28	67.11
46190	63.19	-14.48	-2.70	-271.29	276.04	-4.84	5.06	-34.50	17.64
46191	62.39	-14.85	-2.70	-210.08	210.86	-0.73	19.96	-34.22	28.50
46192	61.59	-15.22	-2.70	-147.24	138.42	0.43	28.30	-34.17	36.87
46193	60.79	-15.59	-2.70	-66.71	41.85	2.07	25.62	-43.83	53.44
46194	65.01	-15.08	-2.70	-319.09	409.51	76.80	-6.43	-34.01	103.87
46195	64.25	-15.53	-2.70	-274.21	266.60	-0.80	11.06	-20.40	24.51
46196	63.50	-15.97	-2.70	-228.55	186.67	1.97	26.10	-27.74	27.43
46197	62.74	-16.41	-2.70	-171.70	109.40	1.43	38.49	-32.10	31.83
46198	61.98	-16.85	-2.70	-92.90	15.36	1.16	43.78	-44.79	45.84
46199	66.08	-15.98	-2.70	-279.43	437.62	140.10	-2.00	1.79	145.13
46200	65.38	-16.49	-2.70	-272.03	260.69	3.27	11.49	-9.12	32.78
46201	64.68	-17.00	-2.70	-241.82	168.63	4.95	26.26	-22.63	27.32
46202	63.97	-17.51	-2.70	-193.57	89.10	2.86	43.07	-30.31	27.54
46203	63.27	-18.02	-2.70	-119.80	-0.54	1.23	57.24	-45.16	38.60
46204	67.22	-16.80	-2.70	-240.09	467.10	201.07	-0.67	29.50	188.96
46205	66.57	-17.37	-2.70	-266.60	256.82	7.09	8.75	-0.31	41.93
46206	65.93	-17.94	-2.70	-251.18	154.12	7.74	22.88	-18.32	27.70
46207	65.28	-18.52	-2.70	-213.00	74.24	4.13	43.76	-28.34	23.58
46208	64.64	-19.09	-2.70	-147.24	-9.17	1.18	66.21	-44.46	31.43
46209	68.41	-17.54	-2.70	-202.61	496.11	258.21	-1.67	49.15	233.30
46210	67.83	-18.17	-2.70	-259.01	254.18	10.64	4.06	6.16	51.46
46211	67.25	-18.79	-2.70	-257.20	141.86	10.32	17.43	-14.67	28.38
46212	66.66	-19.42	-2.70	-229.87	63.07	5.27	41.46	-26.07	19.89
46213	66.08	-20.05	-2.70	-174.22	-12.50	1.13	70.69	-42.63	24.42
46214	69.65	-18.19	-2.70	-167.90	523.97	310.64	-4.67	60.74	276.79
46215	69.13	-18.87	-2.70	-250.01	252.09	13.84	-1.71	10.40	60.92
46216	68.62	-19.55	-2.70	-260.34	131.14	12.63	10.84	-11.61	29.26
46217	68.10	-20.23	-2.70	-243.99	54.48	6.26	36.82	-23.52	16.54
46218	67.59	-20.91	-2.70	-199.73	-12.10	1.03	70.70	-39.73	17.81
46219	70.93	-18.76	-2.70	-136.53	549.70	357.53	-9.54	64.48	317.87
46220	70.49	-19.48	-2.70	-240.19	250.19	16.66	-8.00	12.54	69.97
46221	70.04	-20.20	-2.70	-261.01	121.56	14.66	3.81	-9.10	30.24
46222	69.60	-20.93	-2.70	-255.25	47.69	7.09	30.38	-20.72	13.58
46223	69.16	-21.65	-2.70	-222.82	-9.35	0.90	66.47	-35.90	11.79
46224	72.25	-19.23	-2.70	-108.82	572.35	398.21	-16.18	60.89	355.07
46225	71.88	-19.99	-2.70	-230.06	248.20	19.07	-14.42	12.73	78.23
46226	71.51	-20.76	-2.70	-259.68	112.92	16.39	-3.16	-7.13	31.24
46227	71.15	-21.52	-2.70	-263.65	42.15	7.78	22.65	-17.74	11.06
46228	70.78	-22.28	-2.70	-242.69	-5.45	0.77	58.45	-31.30	6.53
46229	73.59	-19.62	-2.70	-84.93	591.02	432.12	-24.41	50.74	387.04
46230	73.31	-20.41	-2.70	-220.08	245.92	21.06	-20.68	11.19	85.39
46231	73.02	-21.20	-2.70	-256.85	105.15	17.81	-9.71	-5.65	32.18
46232	72.73	-21.99	-2.70	-269.30	37.47	8.33	14.11	-14.63	9.00
46233	72.44	-22.78	-2.70	-258.74	-1.41	0.64	47.24	-26.09	2.13

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]
46234	74.96	-19.90	-2.70	-64.88	604.84	458.85	-33.99	35.08	412.61
46235	74.76	-20.72	-2.70	-210.67	243.24	22.61	-26.62	8.20	91.14
46236	74.55	-21.54	-2.70	-252.97	98.27	18.91	-15.62	-4.57	32.97
46237	74.34	-22.35	-2.70	-272.36	33.41	8.75	5.16	-11.43	7.41
46238	74.13	-23.17	-2.70	-270.53	2.00	0.53	33.57	-20.40	-1.33
46239	76.35	-20.10	-2.70	-48.63	613.11	478.06	-44.58	15.12	430.85
46240	76.23	-20.93	-2.70	-202.14	240.04	23.68	-32.15	4.09	95.22
46241	76.10	-21.76	-2.70	-248.45	92.38	19.68	-20.84	-3.81	33.51
46242	75.98	-22.59	-2.70	-272.99	29.87	9.04	-3.88	-8.16	6.27
46243	75.85	-23.42	-2.70	-277.77	4.21	0.45	18.22	-14.36	-3.80
46244	77.75	-20.20	-2.70	-36.19	615.24	489.57	-55.80	-7.81	440.95
46245	77.71	-21.03	-2.70	-194.75	236.31	24.28	-37.31	-0.76	97.44
46246	77.67	-21.87	-2.70	-243.60	87.55	20.10	-25.43	-3.27	33.74
46247	77.62	-22.71	-2.70	-271.35	26.81	9.18	-12.80	-4.87	5.58
46248	77.58	-23.55	-2.70	-280.30	4.90	0.38	1.96	-8.14	-5.26
46249	60.69	-9.62	-4.10	-14.75	157.19	-89.30	-91.25	-413.26	16.26
46250	59.77	-9.66	-4.10	1.74	184.12	73.98	-130.65	-432.86	61.12
46251	58.85	-9.70	-4.10	84.41	220.36	213.62	-161.08	-449.49	145.35
46252	57.94	-9.75	-4.10	196.21	256.10	362.74	-205.71	-539.47	289.17
46253	57.02	-9.79	-4.10	307.85	415.68	614.24	-310.18	-711.38	671.96
46254	61.39	-10.82	-4.10	-54.43	202.90	-116.76	-103.84	-305.56	40.14
46255	60.50	-10.95	-4.10	-49.41	235.96	-4.88	-139.00	-301.71	93.54
46256	59.60	-11.08	-4.10	18.79	272.33	74.15	-160.94	-279.41	177.50
46257	58.70	-11.21	-4.10	82.41	316.69	123.24	-192.55	-281.85	291.34
46258	57.80	-11.34	-4.10	79.43	357.41	207.90	-188.70	-235.47	426.26
46259	62.18	-11.98	-4.10	-99.50	200.15	-104.90	-73.77	-207.17	27.68
46260	61.31	-12.19	-4.10	-102.26	213.31	-45.14	-86.42	-196.78	60.00
46261	60.44	-12.41	-4.10	-57.84	218.64	-5.23	-88.80	-167.40	111.86
46262	59.56	-12.62	-4.10	-19.89	210.40	6.39	-86.55	-147.73	165.19
46263	58.69	-12.83	-4.10	21.82	171.11	24.53	-80.07	-141.29	222.21
46264	63.05	-13.08	-4.10	-119.49	191.15	-51.57	-49.13	-137.80	35.35
46265	62.21	-13.37	-4.10	-124.63	189.53	-29.23	-47.80	-134.75	53.91
46266	61.37	-13.67	-4.10	-92.64	171.43	-7.47	-41.41	-120.18	86.78
46267	60.53	-13.96	-4.10	-53.53	139.07	2.17	-33.56	-114.26	123.62
46268	59.69	-14.25	-4.10	-5.26	83.03	15.95	-31.12	-121.78	167.94
46269	63.99	-14.11	-4.10	-127.54	185.63	10.52	-31.76	-82.95	55.63
46270	63.19	-14.48	-4.10	-134.12	175.25	-4.69	-19.54	-88.24	61.96
46271	62.39	-14.85	-4.10	-111.44	140.20	-1.81	-10.70	-90.84	77.35
46272	61.59	-15.22	-4.10	-76.74	95.81	2.59	-2.49	-97.54	102.80
46273	60.79	-15.59	-4.10	-28.05	34.81	7.87	0.70	-115.30	138.63
46274	65.01	-15.08	-4.10	-128.48	183.24	75.15	-20.01	-38.63	82.82
46275	64.25	-15.53	-4.10	-137.33	169.72	23.51	0.67	-51.89	77.91
46276	63.50	-15.97	-4.10	-124.23	121.85	8.37	10.18	-69.65	75.72
46277	62.74	-16.41	-4.10	-95.46	69.69	8.46	18.49	-86.96	90.26
46278	61.98	-16.85	-4.10	-50.31	6.88	8.01	23.86	-112.96	118.40
46279	66.08	-15.98	-4.10	-125.65	183.24	138.98	-12.27	-3.41	114.85
46280	65.38	-16.49	-4.10	-138.19	170.72	51.91	14.97	-22.93	98.37
46281	64.68	-17.00	-4.10	-134.88	112.49	19.14	24.48	-52.92	77.87
46282	63.97	-17.51	-4.10	-113.25	54.54	15.03	33.09	-78.37	81.10
46283	63.27	-18.02	-4.10	-73.77	-8.84	9.10	41.50	-110.35	100.95
46284	67.22	-16.80	-4.10	-121.02	185.36	200.27	-7.64	23.20	149.35
46285	66.57	-17.37	-4.10	-138.56	176.57	79.34	24.51	-0.45	121.48
46286	65.93	-17.94	-4.10	-144.83	109.48	29.65	33.73	-39.30	82.10
46287	65.28	-18.52	-4.10	-130.82	46.88	21.54	42.76	-70.40	73.66
46288	64.64	-19.09	-4.10	-98.39	-16.15	10.61	54.31	-106.22	84.69
46289	68.41	-17.54	-4.10	-115.50	188.62	257.59	-5.58	41.77	184.56
46290	67.83	-18.17	-4.10	-139.16	185.76	105.02	29.82	15.96	145.74
46291	67.25	-18.79	-4.10	-154.48	110.90	39.40	38.67	-28.28	87.51
46292	66.66	-19.42	-4.10	-148.10	44.45	27.49	48.08	-62.60	67.34
46293	66.08	-20.05	-4.10	-123.48	-17.47	11.92	62.32	-100.15	69.38
46294	69.65	-18.19	-4.10	-109.63	192.43	310.01	-5.51	52.71	219.15
46295	69.13	-18.87	-4.10	-140.13	196.88	128.46	31.22	26.61	169.97
46296	68.62	-19.55	-4.10	-163.74	115.22	48.18	39.69	-19.64	93.52
46297	68.10	-20.23	-4.10	-164.62	45.57	32.75	49.36	-54.87	61.99
46298	67.59	-20.91	-4.10	-148.11	-14.64	12.93	65.52	-92.18	55.22
46299	70.93	-18.76	-4.10	-103.71	196.27	356.76	-7.05	56.46	251.81
46300	70.49	-19.48	-4.10	-141.31	208.69	149.29	29.02	31.83	193.16
46301	70.04	-20.20	-4.10	-172.24	121.15	55.87	37.15	-13.25	99.70
46302	69.60	-20.93	-4.10	-179.80	48.86	37.25	46.88	-47.25	57.56
46303	69.16	-21.65	-4.10	-171.23	-9.22	13.65	64.02	-82.55	42.52
46304	72.25	-19.23	-4.10	-97.94	199.69	397.23	-9.88	53.65	281.36
46305	71.88	-19.99	-4.10	-142.37	220.07	167.26	23.58	32.04	214.37
46306	71.51	-20.76	-4.10	-179.60	127.54	62.42	31.42	-8.95	105.65
46307	71.15	-21.52	-4.10	-193.02	53.16	41.02	41.02	-39.83	54.00
46308	70.78	-22.28	-4.10	-191.86	-2.61	14.14	58.17	-71.56	31.53
46309	73.59	-19.62	-4.10	-92.40	202.30	430.92	-13.69	45.07	306.72
46310	73.31	-20.41	-4.10	-142.98	230.02	182.15	15.32	27.83	232.73
46311	73.02	-21.20	-4.10	-185.39	133.45	67.78	22.98	-6.53	111.00
46312	72.73	-21.99	-4.10	-203.78	57.47	44.09	32.30	-32.66	51.24
46313	72.44	-22.78	-4.10	-209.14	4.02	14.48	48.51	-59.53	22.42
46314	74.96	-19.90	-4.10	-87.20	203.81	457.42	-18.21	31.66	326.98
46315	74.76	-20.72	-4.10	-142.78	237.70	193.81	4.80	19.91	247.48
46316	74.55	-21.54	-4.10	-189.26	138.08	71.94	12.40	-5.69	115.40
46317	74.34	-22.35	-4.10	-211.63	61.02	46.46	21.30	-25.73	49.20
46318	74.13	-23.17	-4.10	-222.38	9.70	14.73	35.77	-46.68	15.29
46319	76.35	-20.10	-4.10	-82.37	203.97	476.43	-23.20	14.50	341.35
46320	76.23	-20.93	-4.10	-141.48	242.43	202.07	-7.39	9.11	257.98
46321	76.10	-21.76	-4.10	-190.92	140.83	74.84	0.30	-6.08	118.54
46322	75.98	-22.59	-4.10	-216.25	63.21	48.09	8.71	-18.99	47.75
46323	75.85	-23.42	-4.10	-231.07	13.70	14.87	20.80	-33.28	10.21
46324	77.75	-20.20	-4.10	-77.95	202.59	487.73	-28.45	-5.29	349.16
46325	77.71	-21.03	-4.10	-138.87	243.72	206.86	-20.56	-3.61	263.73
46326	77.67	-21.87	-4.10	-190.17	141.27	76.39	-12.66	-7.33	120.14
46327	77.62	-22.71	-4.10	-217.42	63.65	48.90	-4.77	-12.46	46.78
46328	77.58	-23.55	-4.10	-234.87	15.54	14.82	4.52	-19.61	7.17
46329	60.69	-9.62	-5.50	74.52	95.68	-112.51	-57.95	-364.64	-0.52
46330	59.77	-9.66	-5.50	76.16	109.12	0.03	-75.87	-408.09	48.69
46331	58.85	-9.70	-5.50	97.82	120.78	127.97	-91.14	-447.02	129.03
46332	57.94	-9.75	-5.50	136.73	130.93	269.69	-105.78	-521.91	264.84

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]
46333	57.02	-9.79	-5.50	176.11	213.95	432.19	-152.22	-660.97	618.18
46334	61.39	-10.82	-5.50	47.69	106.34	-101.95	-70.85	-290.81	32.40
46335	60.50	-10.95	-5.50	44.54	118.54	-24.25	-91.30	-321.52	88.61
46336	59.60	-11.08	-5.50	57.14	131.69	59.20	-111.43	-335.65	174.64
46337	58.70	-11.21	-5.50	78.31	153.45	141.02	-128.10	-346.71	300.60
46338	57.80	-11.34	-5.50	51.03	173.39	236.71	-108.92	-280.49	439.57
46339	62.18	-11.98	-5.50	19.78	114.18	-83.10	-65.01	-214.83	41.89
46340	61.31	-12.19	-5.50	10.39	124.95	-41.42	-77.87	-235.43	89.93
46341	60.44	-12.41	-5.50	13.23	133.94	3.21	-87.53	-237.08	155.31
46342	59.56	-12.62	-5.50	24.27	139.03	37.27	-87.60	-227.39	232.92
46343	58.69	-12.83	-5.50	37.10	129.94	82.96	-74.50	-215.55	316.05
46344	63.05	-13.08	-5.50	-4.18	108.56	-43.76	-49.76	-149.19	47.30
46345	62.21	-13.37	-5.50	-15.86	111.86	-30.10	-52.50	-166.70	83.07
46346	61.37	-13.67	-5.50	-17.26	108.05	-9.24	-52.40	-172.59	127.88
46347	60.53	-13.96	-5.50	-5.75	94.92	7.47	-46.72	-173.74	178.97
46348	59.69	-14.25	-5.50	12.08	68.25	28.23	-37.96	-178.99	236.30
46349	63.99	-14.11	-5.50	-20.45	100.34	9.33	-34.93	-96.75	59.85
46350	63.19	-14.48	-5.50	-32.30	97.70	0.41	-29.19	-114.90	86.19
46351	62.39	-14.85	-5.50	-34.76	84.75	3.87	-23.71	-130.71	115.64
46352	61.59	-15.22	-5.50	-24.95	61.15	10.60	-16.91	-145.51	151.16
46353	60.79	-15.59	-5.50	-5.42	28.50	20.13	-10.22	-166.05	195.43
46354	65.01	-15.08	-5.50	-31.42	93.26	66.87	-22.68	-54.54	78.04
46355	64.25	-15.53	-5.50	-43.61	87.83	36.94	-10.18	-74.32	97.06
46356	63.50	-15.97	-5.50	-47.69	69.16	24.14	-1.26	-99.53	112.41
46357	62.74	-16.41	-5.50	-40.96	39.01	21.90	5.63	-126.14	133.95
46358	61.98	-16.85	-5.50	-24.16	3.33	21.97	11.78	-158.11	166.52
46359	66.08	-15.98	-5.50	-38.96	88.07	124.86	-13.20	-21.23	100.72
46360	65.38	-16.49	-5.50	-52.61	82.96	74.94	4.50	-42.23	113.05
46361	64.68	-17.00	-5.50	-59.23	61.22	46.67	15.96	-74.87	114.66
46362	63.97	-17.51	-5.50	-56.69	26.41	36.11	22.84	-110.55	122.22
46363	63.27	-18.02	-5.50	-44.15	-11.17	28.14	29.28	-150.97	142.76
46364	67.22	-16.80	-5.50	-44.63	85.24	180.91	-6.29	4.06	125.80
46365	66.57	-17.37	-5.50	-60.82	82.47	111.94	15.21	-17.27	132.20
46366	65.93	-17.94	-5.50	-70.84	59.50	68.86	28.55	-54.93	120.14
46367	65.28	-18.52	-5.50	-73.01	21.11	50.32	35.49	-96.73	113.51
46368	64.64	-19.09	-5.50	-65.57	-17.92	34.87	42.51	-142.63	121.55
46369	68.41	-17.54	-5.50	-49.11	84.14	233.45	-1.83	22.13	151.87
46370	67.83	-18.17	-5.50	-68.85	85.41	146.65	22.16	1.25	152.96
46371	67.25	-18.79	-5.50	-82.87	62.46	89.63	36.77	-38.93	127.57
46372	66.66	-19.42	-5.50	-89.90	21.17	63.53	43.77	-83.97	106.82
46373	66.08	-20.05	-5.50	-87.84	-18.98	41.11	51.40	-132.49	102.25
46374	69.65	-18.19	-5.50	-52.72	84.32	281.44	0.51	33.48	177.81
46375	69.13	-18.87	-5.50	-76.73	90.66	178.26	25.54	13.83	174.10
46376	68.62	-19.55	-5.50	-95.08	68.63	108.40	40.74	-26.50	136.04
46377	68.10	-20.23	-5.50	-106.84	24.97	75.28	47.75	-72.05	101.69
46378	67.59	-20.91	-5.50	-110.11	-16.05	46.43	55.83	-120.53	84.84
46379	70.93	-18.76	-5.50	-55.61	85.31	324.15	0.98	38.58	202.53
46380	70.49	-19.48	-5.50	-84.22	97.18	206.27	25.58	20.88	194.61
46381	70.04	-20.20	-5.50	-106.92	76.63	124.87	40.64	-17.40	144.86
46382	69.60	-20.93	-5.50	-123.09	31.04	85.41	47.57	-60.95	97.86
46383	69.16	-21.65	-5.50	-131.38	-10.58	50.79	55.85	-106.98	69.52
46384	72.25	-19.23	-5.50	-57.80	86.62	360.99	-0.14	38.03	225.03
46385	71.88	-19.99	-5.50	-90.96	104.03	230.31	22.59	22.89	213.54
46386	71.51	-20.76	-5.50	-117.78	85.22	138.89	36.78	-11.40	153.44
46387	71.15	-21.52	-5.50	-137.86	38.10	93.91	43.50	-50.72	95.13
46388	70.78	-22.28	-5.50	-150.69	-3.91	54.26	51.69	-92.19	56.47
46389	73.59	-19.62	-5.50	-59.26	87.83	391.54	-2.56	32.50	244.42
46390	73.31	-20.41	-5.50	-96.53	110.33	250.16	16.98	20.43	230.05
46391	73.02	-21.20	-5.50	-127.00	93.29	150.39	29.60	-8.17	161.21
46392	72.73	-21.99	-5.50	-150.42	45.02	100.83	35.99	-41.37	93.27
46393	72.44	-22.78	-5.50	-167.15	2.82	57.00	43.81	-76.49	45.79
46394	74.96	-19.90	-5.50	-59.92	88.58	415.46	-5.99	22.82	259.92
46395	74.76	-20.72	-5.50	-100.56	115.36	265.61	9.25	14.25	243.37
46396	74.55	-21.54	-5.50	-134.03	99.92	159.31	19.73	-7.27	167.65
46397	74.34	-22.35	-5.50	-160.14	50.85	106.20	25.69	-32.77	92.07
46398	74.13	-23.17	-5.50	-180.02	8.64	59.12	32.88	-60.13	37.52
46399	76.35	-20.10	-5.50	-59.73	88.60	432.49	-10.11	9.89	270.85
46400	76.23	-20.93	-5.50	-102.72	118.53	276.50	0.00	5.19	252.85
46401	76.10	-21.76	-5.50	-138.37	104.37	165.53	7.91	-8.16	172.28
46402	75.98	-22.59	-5.50	-166.49	54.87	109.94	13.36	-24.76	91.26
46403	75.85	-23.42	-5.50	-188.73	12.83	60.57	19.70	-43.28	31.63
46404	77.75	-20.20	-5.50	-58.65	87.63	442.39	-14.64	-5.32	276.62
46405	77.71	-21.03	-5.50	-102.77	119.41	282.67	-10.16	-5.85	257.94
46406	77.67	-21.87	-5.50	-139.66	106.12	168.87	-5.07	-10.30	174.68
46407	77.62	-22.71	-5.50	-169.04	56.59	111.79	-0.15	-17.20	90.60
46408	77.58	-23.55	-5.50	-192.81	14.89	61.09	5.17	-26.23	28.08
46409	60.69	-9.62	-6.90	135.53	51.17	-127.09	-32.27	-330.05	1.56
46410	59.77	-9.66	-6.90	125.51	51.42	-42.06	-41.08	-375.03	51.06
46411	58.85	-9.70	-6.90	116.82	48.95	70.59	-45.54	-414.76	124.49
46412	57.94	-9.75	-6.90	104.69	42.91	202.46	-45.06	-478.93	250.11
46413	57.02	-9.79	-6.90	87.37	66.69	315.79	-57.76	-623.91	599.99
46414	61.39	-10.82	-6.90	113.55	53.14	-102.01	-46.56	-272.01	32.16
46415	60.50	-10.95	-6.90	99.90	56.13	-42.58	-59.44	-309.38	88.85
46416	59.60	-11.08	-6.90	88.03	59.62	32.56	-70.34	-335.39	168.64
46417	58.70	-11.21	-6.90	70.74	66.12	115.91	-72.93	-348.63	283.59
46418	57.80	-11.34	-6.90	30.84	69.82	193.67	-49.72	-276.29	415.77
46419	62.18	-11.98	-6.90	90.75	54.31	-74.82	-48.03	-210.83	48.28
46420	61.31	-12.19	-6.90	73.55	59.05	-40.71	-57.83	-240.31	101.19
46421	60.44	-12.41	-6.90	58.06	64.48	1.65	-64.81	-257.23	168.36
46422	59.56	-12.62	-6.90	43.61	68.74	43.81	-62.22	-258.17	248.62
46423	58.69	-12.83	-6.90	29.30	64.92	91.75	-44.67	-239.70	333.98
46424	63.05	-13.08	-6.90	70.09	50.64	-37.61	-41.27	-154.26	57.92
46425	62.21	-13.37	-6.90	51.76	54.14	-23.36	-45.25	-179.39	102.22
46426	61.37	-13.67	-6.90	35.62	55.47	-2.55	-46.35	-196.99	153.07
46427	60.53	-13.96	-6.90	24.80	52.84	17.89	-41.38	-207.17	210.30
46428	59.69	-14.25	-6.90	18.30	42.82	41.08	-29.65	-211.11	272.85
46429	63.99	-14.11	-6.90	52.93	43.13	8.83	-31.43	-106.14	68.21
46430	63.19	-14.48	-6.90	34.96	44.01	8.01	-29.40	-129.59	103.87
46431	62.39	-14.85	-6.90	19.56	40.37	14.36	-26.10	-152.50	140.79

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]
46432	61.59	-15.22	-6.90	9.84	31.44	23.05	-19.99	-173.87	181.63
46433	60.79	-15.59	-6.90	6.07	17.30	32.90	-11.35	-195.48	228.50
46434	65.01	-15.08	-6.90	39.19	35.26	60.22	-21.55	-66.57	81.52
46435	64.25	-15.53	-6.90	21.72	34.63	46.89	-14.47	-89.74	110.36
46436	63.50	-15.97	-6.90	6.74	27.80	41.43	-8.10	-118.30	135.24
46437	62.74	-16.41	-6.90	-3.20	15.01	41.36	-1.58	-149.65	162.28
46438	61.98	-16.85	-6.90	-7.63	-1.20	42.16	5.48	-184.43	195.45
46439	66.08	-15.98	-6.90	27.89	28.40	112.63	-12.86	-35.03	98.18
46440	65.38	-16.49	-6.90	10.21	28.20	87.89	-1.78	-57.89	121.04
46441	64.68	-17.00	-6.90	-5.16	19.96	71.54	6.87	-90.89	134.77
46442	63.97	-17.51	-6.90	-16.49	4.83	63.52	13.59	-129.73	148.51
46443	63.27	-18.02	-6.90	-23.18	-12.74	56.62	19.87	-173.94	167.78
46444	67.22	-16.80	-6.90	18.03	23.54	163.59	-5.80	-10.79	116.85
46445	66.57	-17.37	-6.90	-0.64	25.14	128.14	8.24	-32.88	134.72
46446	65.93	-17.94	-6.90	-17.26	16.90	101.47	18.56	-68.59	137.81
46447	65.28	-18.52	-6.90	-30.65	0.30	85.91	25.44	-112.23	138.42
46448	64.64	-19.09	-6.90	-40.29	-18.37	71.95	31.28	-162.48	143.50
46449	68.41	-17.54	-6.90	9.22	20.40	211.43	-0.64	6.95	136.52
46450	67.83	-18.17	-6.90	-11.28	25.08	165.97	15.39	-13.93	150.16
46451	67.25	-18.79	-6.90	-29.81	17.81	129.53	26.82	-50.54	143.17
46452	66.66	-19.42	-6.90	-45.65	0.32	106.79	33.79	-96.36	130.96
46453	66.08	-20.05	-6.90	-58.47	-19.38	86.16	39.35	-149.47	121.86
46454	69.65	-18.19	-6.90	1.34	18.71	255.05	2.69	18.69	156.35
46455	69.13	-18.87	-6.90	-21.63	27.26	200.36	19.62	-0.48	166.36
46456	68.62	-19.55	-6.90	-42.57	21.65	154.88	31.57	-36.28	149.97
46457	68.10	-20.23	-6.90	-61.01	3.64	125.43	38.50	-81.84	125.53
46458	67.59	-20.91	-6.90	-76.95	-17.02	98.58	43.80	-134.88	102.74
46459	70.93	-18.76	-6.90	-5.62	18.09	293.71	4.31	24.89	175.47
46460	70.49	-19.48	-6.90	-31.43	30.89	230.72	21.04	7.87	182.40
46461	70.04	-20.20	-6.90	-54.99	27.31	177.06	32.84	-25.55	157.47
46462	69.60	-20.93	-6.90	-75.99	9.05	141.54	39.54	-68.62	121.76
46463	69.16	-21.65	-6.90	-94.83	-12.48	109.02	44.58	-118.96	86.18
46464	72.25	-19.23	-6.90	-11.58	18.14	326.90	4.42	26.09	193.02
46465	71.88	-19.99	-6.90	-40.28	35.18	256.65	19.85	11.58	197.46
46466	71.51	-20.76	-6.90	-66.44	33.75	195.88	30.83	-18.08	165.05
46467	71.15	-21.52	-6.90	-89.83	15.43	155.05	37.08	-56.73	119.30
46468	70.78	-22.28	-6.90	-111.22	-6.84	117.57	41.80	-102.07	72.27
46469	73.59	-19.62	-6.90	-16.40	18.48	354.25	3.27	22.90	208.24
46470	73.31	-20.41	-6.90	-47.80	39.42	277.94	16.38	11.19	210.75
46471	73.02	-21.20	-6.90	-76.34	40.04	211.26	25.91	-13.55	172.11
46472	72.73	-21.99	-6.90	-101.78	21.78	166.04	31.49	-46.15	117.87
46473	72.44	-22.78	-6.90	-125.33	-1.09	124.45	35.83	-84.57	61.05
46474	74.96	-19.90	-6.90	-19.97	18.77	375.49	1.13	16.04	220.44
46475	74.76	-20.72	-6.90	-53.60	42.99	294.39	11.09	7.38	221.59
46476	74.55	-21.54	-6.90	-84.13	45.39	223.15	18.62	-11.48	178.12
46477	74.34	-22.35	-6.90	-111.28	27.24	174.61	23.32	-36.69	117.16
46478	74.13	-23.17	-6.90	-136.53	3.94	129.87	27.22	-66.64	52.45
46479	76.35	-20.10	-6.90	-22.17	18.76	390.41	-1.67	6.30	229.01
46480	76.23	-20.93	-6.90	-57.36	45.38	305.86	4.51	0.92	229.32
46481	76.10	-21.76	-6.90	-89.35	49.13	231.42	9.65	-11.27	182.52
46482	75.98	-22.59	-6.90	-117.77	31.12	180.66	13.33	-28.01	116.80
46483	75.85	-23.42	-6.90	-144.27	7.59	133.76	16.66	-48.30	46.38
46484	77.75	-20.20	-6.90	-22.91	18.20	398.84	-4.86	-5.48	233.43
46485	77.71	-21.03	-6.90	-58.78	46.21	312.13	-2.79	-7.37	233.40
46486	77.67	-21.87	-6.90	-91.55	50.78	235.76	-0.25	-12.31	184.79
46487	77.62	-22.71	-6.90	-120.73	32.96	183.70	2.32	-19.80	116.40
46488	77.58	-23.55	-6.90	-148.00	9.43	135.53	4.95	-29.65	42.69
46489	60.69	-9.62	-8.30	181.23	17.14	-141.06	-9.76	-294.98	9.53
46490	59.77	-9.66	-8.30	164.25	9.31	-77.66	-12.92	-333.84	55.13
46491	58.85	-9.70	-8.30	143.66	-3.51	14.53	-13.23	-362.46	117.01
46492	57.94	-9.75	-8.30	105.75	-23.77	144.29	-6.24	-401.77	221.60
46493	57.02	-9.79	-8.30	21.36	-69.36	270.40	29.32	-550.79	558.36
46494	61.39	-10.82	-8.30	161.38	13.77	-107.72	-25.92	-247.56	38.01
46495	60.50	-10.95	-8.30	138.95	10.88	-60.92	-33.69	-283.19	91.08
46496	59.60	-11.08	-8.30	110.28	8.82	2.27	-39.47	-308.61	161.07
46497	58.70	-11.21	-8.30	68.43	6.50	75.32	-34.57	-318.25	258.85
46498	57.80	-11.34	-8.30	20.69	-3.63	135.39	-8.44	-251.32	376.68
46499	62.18	-11.98	-8.30	142.32	11.41	-74.22	-31.91	-197.07	55.89
46500	61.31	-12.19	-8.30	116.78	12.31	-43.99	-38.78	-227.69	107.61
46501	60.44	-12.41	-8.30	86.44	15.13	-5.58	-42.38	-249.17	170.44
46502	59.56	-12.62	-8.30	52.48	18.35	33.66	-36.69	-254.23	243.94
46503	58.69	-12.83	-8.30	18.36	15.74	67.56	-16.90	-234.66	322.19
46504	63.05	-13.08	-8.30	125.10	6.80	-35.89	-30.60	-149.01	67.44
46505	62.21	-13.37	-8.30	99.09	9.06	-18.60	-34.36	-176.08	112.95
46506	61.37	-13.67	-8.30	70.41	12.26	3.36	-34.84	-198.50	163.65
46507	60.53	-13.96	-8.30	41.99	14.90	24.46	-28.86	-213.71	219.86
46508	59.69	-14.25	-8.30	16.54	13.81	41.88	-15.15	-217.76	280.23
46509	63.99	-14.11	-8.30	110.14	0.06	7.92	-25.42	-106.77	77.34
46510	63.19	-14.48	-8.30	85.03	2.29	15.81	-25.60	-131.81	115.49
46511	62.39	-14.85	-8.30	58.36	4.25	27.19	-23.41	-157.75	154.25
46512	61.59	-15.22	-8.30	32.98	5.05	38.35	-17.34	-182.75	195.67
46513	60.79	-15.59	-8.30	10.95	3.75	46.49	-7.11	-205.53	241.39
46514	65.01	-15.08	-8.30	97.15	-7.26	55.22	-18.64	-71.12	87.88
46515	64.25	-15.53	-8.30	73.12	-5.22	55.87	-15.54	-95.21	119.57
46516	63.50	-15.97	-8.30	48.08	-4.26	59.43	-11.32	-124.78	147.57
46517	62.74	-16.41	-8.30	24.13	-4.86	63.98	-5.30	-158.11	175.88
46518	61.98	-16.85	-8.30	2.93	-6.41	66.48	2.81	-194.15	207.59
46519	66.08	-15.98	-8.30	85.61	-14.01	103.39	-11.67	-42.24	100.41
46520	65.38	-16.49	-8.30	62.20	-11.24	97.87	-5.85	-65.49	126.32
46521	64.68	-17.00	-8.30	38.12	-10.46	94.62	-0.11	-97.84	144.59
46522	63.97	-17.51	-8.30	14.63	-11.78	93.58	5.77	-137.18	160.56
46523	63.27	-18.02	-8.30	-7.05	-13.51	91.64	12.38	-182.42	178.16
46524	67.22	-16.80	-8.30	74.88	-19.08	150.22	-5.32	-19.69	114.31
46525	66.57	-17.37	-8.30	51.51	-14.91	139.04	2.56	-41.82	135.44
46526	65.93	-17.94	-8.30	27.67	-13.52	129.42	9.43	-75.63	144.71
46527	65.28	-18.52	-8.30	3.98	-15.13	123.08	15.13	-118.60	148.79
46528	64.64	-19.09	-8.30	-18.73	-17.19	117.03	20.58	-169.51	152.16
46529	68.41	-17.54	-8.30	64.81	-22.57	194.09	-0.19	-2.82	129.05
46530	67.83	-18.17	-8.30	40.81	-16.17	177.64	9.15	-23.54	146.23

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]
46531	67.25	-18.79	-8.30	16.60	-13.60	161.98	16.76	-57.41	147.21
46532	66.66	-19.42	-8.30	-7.72	-15.23	150.55	22.25	-101.71	139.87
46533	66.08	-20.05	-8.30	-31.66	-17.81	140.49	26.77	-155.14	129.18
46534	69.65	-18.19	-8.30	55.45	-24.66	233.93	3.58	8.79	144.12
46535	69.13	-18.87	-8.30	30.26	-15.52	212.59	13.61	-10.14	157.97
46536	68.62	-19.55	-8.30	5.18	-11.32	191.30	21.56	-42.75	151.37
46537	68.10	-20.23	-8.30	-20.03	-12.81	175.04	26.77	-86.26	133.28
46538	67.59	-20.91	-8.30	-45.17	-16.04	161.12	30.51	-139.36	109.08
46539	70.93	-18.76	-8.30	46.92	-25.66	269.04	5.96	15.53	158.85
46540	70.49	-19.48	-8.30	20.21	-13.52	243.27	15.92	-1.26	169.95
46541	70.04	-20.20	-8.30	-6.07	-7.48	216.85	23.69	-31.40	156.56
46542	69.60	-20.93	-8.30	-32.28	-8.70	196.18	28.51	-72.21	128.63
46543	69.16	-21.65	-8.30	-58.49	-12.64	178.65	31.60	-122.43	91.88
46544	72.25	-19.23	-8.30	39.40	-25.90	298.97	7.06	17.85	172.54
46545	71.88	-19.99	-8.30	11.03	-10.78	269.31	16.15	3.48	181.45
46546	71.51	-20.76	-8.30	-16.54	-2.87	238.41	23.24	-23.14	162.19
46547	71.15	-21.52	-8.30	-43.73	-3.76	213.87	27.50	-59.60	125.54
46548	70.78	-22.28	-8.30	-70.82	-8.39	193.12	30.03	-104.76	77.58
46549	73.59	-19.62	-8.30	33.06	-25.69	323.44	7.05	16.28	184.52
46550	73.31	-20.41	-8.30	3.11	-7.83	290.51	14.55	4.56	191.79
46551	73.02	-21.20	-8.30	-25.69	1.83	255.92	20.44	-17.70	167.71
46552	72.73	-21.99	-8.30	-53.73	1.26	228.22	23.95	-48.47	123.72
46553	72.44	-22.78	-8.30	-81.50	-4.00	204.82	26.01	-86.75	66.17
46554	74.96	-19.90	-8.30	28.09	-25.33	342.24	6.18	11.45	194.17
46555	74.76	-20.72	-8.30	-3.20	-5.15	306.75	11.49	2.56	200.35
46556	74.55	-21.54	-8.30	-33.07	6.01	269.40	15.74	-14.63	172.62
46557	74.34	-22.35	-8.30	-61.83	5.71	239.47	18.31	-38.65	122.89
46558	74.13	-23.17	-8.30	-90.09	-0.11	214.21	19.95	-68.60	57.57
46559	76.35	-20.10	-8.30	24.64	-25.04	355.19	4.73	4.06	200.97
46560	76.23	-20.93	-8.30	-7.58	-3.15	317.87	7.44	-1.80	206.54
46561	76.10	-21.76	-8.30	-38.29	9.14	278.75	9.76	-13.30	176.41
46562	75.98	-22.59	-8.30	-67.66	9.00	247.62	11.29	-29.60	122.66
46563	75.85	-23.42	-8.30	-96.23	2.74	221.33	12.44	-50.03	51.59
46564	77.75	-20.20	-8.30	22.86	-25.05	362.17	3.00	-5.17	204.39
46565	77.71	-21.03	-8.30	-9.73	-2.19	323.68	2.92	-7.79	209.77
46566	77.67	-21.87	-8.30	-40.84	10.74	283.54	3.24	-12.99	178.42
46567	77.62	-22.71	-8.30	-70.57	10.68	251.86	3.67	-20.67	122.44
46568	77.58	-23.55	-8.30	-99.29	4.19	225.06	4.16	-30.69	47.99
46569	90.14	9.49	-8.30	253.88	299.26	-1533.40	7.58	389.36	84.33
46570	91.17	9.44	-8.30	241.14	296.65	-1541.92	9.56	431.31	113.08
46571	92.21	9.39	-8.30	228.08	294.66	-1536.70	9.97	478.35	145.44
46572	90.36	10.47	-8.30	254.53	306.64	-1619.68	4.42	427.94	162.20
46573	91.26	10.33	-8.30	242.81	303.81	-1608.64	5.03	466.17	182.52
46574	92.15	10.18	-8.30	230.35	300.66	-1586.20	4.16	504.35	203.95
46575	90.56	11.46	-8.30	254.72	313.13	-1690.18	-1.28	469.82	252.87
46576	91.33	11.21	-8.30	243.47	309.80	-1662.02	-1.69	501.51	258.57
46577	92.08	10.96	-8.30	230.59	305.09	-1626.83	-3.85	533.30	268.12
46578	79.02	9.89	-8.30	412.43	332.03	-1434.97	37.27	28.65	-4.90
46579	80.15	9.88	-8.30	405.21	330.87	-1437.32	29.84	67.81	-6.34
46580	81.29	9.86	-8.30	394.31	328.92	-1440.34	22.78	106.08	-5.75
46581	82.41	9.83	-8.30	380.13	326.10	-1444.82	16.46	143.22	-3.42
46582	83.53	9.80	-8.30	363.27	322.58	-1451.24	11.13	179.09	0.78
46583	84.65	9.76	-8.30	344.48	318.55	-1460.04	7.01	213.75	7.14
46584	85.76	9.71	-8.30	324.67	314.25	-1471.54	4.29	247.49	16.01
46585	86.87	9.66	-8.30	304.83	309.92	-1485.71	3.10	280.88	27.81
46586	87.97	9.60	-8.30	285.94	305.82	-1501.93	3.45	314.85	43.07
46587	89.07	9.54	-8.30	268.80	302.10	-1518.56	5.14	350.73	62.26
46588	79.05	11.68	-8.30	399.25	325.45	-1611.66	30.36	31.67	103.58
46589	80.25	11.64	-8.30	392.33	325.30	-1613.14	22.53	75.46	102.25
46590	81.44	11.58	-8.30	381.86	324.51	-1614.05	15.35	118.30	101.44
46591	82.61	11.50	-8.30	368.40	323.20	-1615.32	9.25	159.80	101.88
46592	83.77	11.40	-8.30	352.64	321.46	-1617.15	4.49	199.86	103.82
46593	84.92	11.28	-8.30	335.38	319.40	-1619.61	1.25	238.56	107.59
46594	86.05	11.15	-8.30	317.52	317.10	-1622.54	-0.41	276.26	113.50
46595	87.17	10.99	-8.30	299.89	314.61	-1625.34	-0.54	313.48	121.88
46596	88.28	10.82	-8.30	283.22	311.95	-1626.81	0.61	350.95	132.98
46597	89.37	10.63	-8.30	267.88	309.06	-1624.91	2.59	389.63	146.83
46598	79.08	13.48	-8.30	384.92	325.96	-1806.11	23.62	35.69	243.89
46599	80.33	13.42	-8.30	378.54	326.45	-1806.35	16.01	84.47	240.85
46600	81.56	13.32	-8.30	369.12	326.77	-1803.98	9.34	132.74	238.55
46601	82.78	13.19	-8.30	357.17	326.81	-1799.82	3.91	179.68	236.89
46602	83.98	13.03	-8.30	343.32	326.53	-1793.76	-0.11	225.11	236.09
46603	85.15	12.83	-8.30	328.28	325.85	-1785.59	-2.63	269.06	236.34
46604	86.31	12.61	-8.30	312.72	324.63	-1774.82	-3.75	311.75	237.82
46605	87.44	12.35	-8.30	297.21	322.76	-1760.63	-3.71	353.50	240.63
46606	88.56	12.06	-8.30	282.11	320.08	-1741.82	-2.92	394.57	244.73
46607	89.64	11.74	-8.30	267.49	316.47	-1716.83	-1.95	434.77	249.45
46608	79.10	15.28	-8.30	374.64	331.97	-1987.87	16.90	39.28	427.84
46609	80.40	15.20	-8.30	368.96	332.91	-1986.46	9.86	95.61	424.00
46610	81.67	15.07	-8.30	360.73	333.67	-1979.48	3.74	151.06	419.46
46611	82.92	14.90	-8.30	350.39	334.08	-1967.45	-1.31	205.05	414.26
46612	84.16	14.67	-8.30	338.38	333.96	-1950.25	-5.20	257.25	408.42
46613	85.36	14.40	-8.30	325.14	333.12	-1927.72	-7.98	307.45	402.00
46614	86.54	14.08	-8.30	311.05	331.38	-1899.52	-9.79	355.55	394.97
46615	87.69	13.72	-8.30	296.38	328.60	-1865.23	-10.89	401.44	387.24
46616	88.81	13.31	-8.30	281.23	324.68	-1824.37	-11.65	444.93	378.61
46617	89.90	12.86	-8.30	265.62	319.62	-1776.48	-12.47	485.53	369.26
46618	79.12	17.07	-8.30	374.19	320.41	-2086.78	9.78	43.19	658.33
46619	80.44	16.99	-8.30	368.75	321.71	-2084.08	1.65	108.24	653.34
46620	81.75	16.84	-8.30	360.98	322.82	-2072.96	-5.74	172.18	644.85
46621	83.04	16.62	-8.30	351.10	323.47	-2053.84	-12.27	234.18	632.91
46622	84.30	16.34	-8.30	339.36	323.52	-2026.93	-17.88	293.59	617.61
46623	85.54	15.99	-8.30	326.01	322.85	-1992.45	-22.55	349.82	599.06
46624	86.74	15.58	-8.30	311.26	321.37	-1950.65	-26.33	402.36	577.36
46625	87.91	15.11	-8.30	295.29	319.00	-1901.82	-29.27	450.74	552.63
46626	89.05	14.58	-8.30	278.24	315.76	-1846.37	-31.49	494.50	524.98
46627	90.14	14.00	-8.30	260.23	311.63	-1784.86	-33.17	533.30	494.66
46628	79.13	18.88	-8.30	385.36	253.41	-2017.05	2.07	45.48	885.47
46629	80.47	18.79	-8.30	379.73	255.88	-2014.63	-11.28	116.92	879.39



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]
46630	81.81	18.61	-8.30	371.05	259.19	-2003.95	-23.73	187.13	866.27
46631	83.13	18.35	-8.30	359.59	263.15	-1985.31	-35.01	255.03	846.34
46632	84.42	18.01	-8.30	345.67	267.52	-1959.06	-44.84	319.63	819.99
46633	85.68	17.59	-8.30	329.60	272.04	-1925.59	-52.96	379.99	787.70
46634	86.92	17.09	-8.30	311.75	276.49	-1885.33	-59.19	435.33	750.00
46635	88.11	16.51	-8.30	292.52	280.60	-1838.79	-63.40	484.98	707.46
46636	89.26	15.87	-8.30	272.32	284.13	-1786.55	-65.51	528.42	660.69
46637	90.36	15.15	-8.30	251.50	286.79	-1729.32	-65.65	565.34	610.31
46638	95.25	9.56	-8.30	153.24	282.67	-1373.45	-21.67	621.14	266.18
46639	94.64	10.65	-8.30	164.45	287.14	-1433.57	-33.74	632.02	325.56
46640	93.97	11.69	-8.30	176.86	289.28	-1490.63	-45.26	636.46	386.85
46641	94.24	9.48	-8.30	185.76	288.53	-1460.73	-4.72	584.06	229.18
46642	93.82	10.42	-8.30	192.06	293.74	-1509.96	-14.94	597.93	285.49
46643	93.36	11.34	-8.30	198.95	296.65	-1554.62	-25.26	607.02	343.14
46644	93.23	9.40	-8.30	209.81	292.25	-1512.70	5.89	534.49	186.54
46645	93.00	10.21	-8.30	212.79	297.54	-1556.37	-1.99	553.56	239.87
46646	92.75	11.00	-8.30	216.83	301.23	-1593.81	-10.67	566.37	296.04
46647	91.38	14.37	-8.30	231.20	288.16	-1670.69	-64.09	595.16	559.81
46648	91.10	13.39	-8.30	243.42	307.21	-1724.49	-33.94	563.70	464.04
46649	90.81	12.43	-8.30	251.69	314.53	-1729.45	-13.51	518.47	360.15
46650	92.31	13.54	-8.30	211.95	289.42	-1611.46	-60.17	616.01	505.30
46651	91.93	12.78	-8.30	227.47	303.73	-1666.70	-33.39	585.43	429.60
46652	91.55	12.03	-8.30	238.73	310.06	-1684.88	-14.21	544.08	347.36
46653	93.19	12.66	-8.30	193.64	289.75	-1549.68	-54.45	630.33	449.98
46654	92.73	12.13	-8.30	211.49	299.82	-1606.36	-31.86	601.16	394.33
46655	92.26	11.61	-8.30	225.07	305.47	-1636.28	-14.78	564.81	329.69
46656	90.14	9.49	-6.90	95.49	97.60	-1677.90	-25.20	405.51	71.89
46657	91.17	9.44	-6.90	87.92	99.92	-1701.68	-19.75	444.09	98.17
46658	92.21	9.39	-6.90	85.08	104.87	-1713.32	-13.97	493.41	131.87
46659	90.36	10.47	-6.90	96.72	101.60	-1792.93	-22.79	441.61	146.97
46660	91.26	10.33	-6.90	92.06	105.63	-1793.33	-18.19	480.59	168.45
46661	92.15	10.18	-6.90	89.65	110.43	-1780.64	-14.42	524.22	194.39
46662	90.56	11.46	-6.90	100.79	110.64	-1894.68	-20.00	486.33	240.74
46663	91.33	11.21	-6.90	96.96	114.09	-1870.49	-17.41	522.31	250.19
46664	92.08	10.96	-6.90	92.63	116.51	-1836.20	-16.83	561.67	266.04
46665	79.02	9.89	-6.90	278.84	120.52	-1564.59	19.81	41.61	20.60
46666	80.15	9.88	-6.90	269.26	119.46	-1565.95	9.63	86.41	18.28
46667	81.29	9.86	-6.90	255.48	117.65	-1567.73	-0.04	129.59	17.23
46668	82.41	9.83	-6.90	238.05	115.05	-1570.53	-8.92	170.80	17.17
46669	83.53	9.80	-6.90	217.68	111.82	-1575.18	-16.72	209.62	18.23
46670	84.65	9.76	-6.90	195.24	108.19	-1582.56	-23.14	245.80	20.68
46671	85.76	9.71	-6.90	171.80	104.48	-1593.53	-27.88	279.40	24.91
46672	86.87	9.66	-6.90	148.64	101.08	-1608.75	-30.65	310.87	31.43
46673	87.97	9.60	-6.90	127.18	98.44	-1628.45	-31.18	341.18	40.98
46674	89.07	9.54	-6.90	108.96	97.03	-1651.98	-29.30	372.07	54.52
46675	79.05	11.68	-6.90	254.32	91.24	-1759.27	12.70	44.08	124.78
46676	80.25	11.64	-6.90	244.98	91.68	-1759.68	2.03	92.83	122.14
46677	81.44	11.58	-6.90	231.66	91.81	-1759.89	-7.89	139.59	119.06
46678	82.61	11.50	-6.90	215.11	91.81	-1760.26	-16.60	184.07	116.29
46679	83.77	11.40	-6.90	196.19	91.79	-1761.45	-23.70	225.91	114.20
46680	84.92	11.28	-6.90	175.94	91.91	-1763.99	-28.89	265.02	113.24
46681	86.05	11.15	-6.90	155.52	92.37	-1768.24	-31.94	301.63	113.98
46682	87.17	10.99	-6.90	136.17	93.40	-1774.20	-32.69	336.39	117.08
46683	88.28	10.82	-6.90	119.17	95.18	-1781.24	-31.14	370.41	123.28
46684	89.37	10.63	-6.90	105.64	97.85	-1787.66	-27.52	405.50	133.35
46685	79.08	13.48	-6.90	227.74	74.09	-1982.68	6.17	47.18	251.21
46686	80.33	13.42	-6.90	218.92	75.96	-1982.60	-3.97	99.46	246.93
46687	81.56	13.32	-6.90	206.86	78.27	-1980.46	-13.05	150.14	242.33
46688	82.78	13.19	-6.90	192.35	81.11	-1976.64	-20.58	198.71	237.60
46689	83.98	13.03	-6.90	176.28	84.47	-1971.48	-26.21	244.82	233.19
46690	85.15	12.83	-6.90	159.65	88.30	-1965.08	-29.68	288.48	229.63
46691	86.31	12.61	-6.90	143.50	92.52	-1957.26	-30.94	330.05	227.53
46692	87.44	12.35	-6.90	128.84	97.05	-1947.37	-30.08	370.20	227.48
46693	88.56	12.06	-6.90	116.52	101.74	-1934.15	-27.44	409.85	230.08
46694	89.64	11.74	-6.90	107.03	106.37	-1915.54	-23.69	449.75	235.21
46695	79.10	15.28	-6.90	206.36	82.59	-2215.30	0.33	49.91	422.25
46696	80.40	15.20	-6.90	198.36	85.27	-2214.08	-7.82	108.17	417.50
46697	81.67	15.07	-6.90	188.23	88.82	-2207.61	-14.82	164.95	411.76
46698	82.92	14.90	-6.90	176.63	93.12	-2196.07	-20.36	219.93	405.28
46699	84.16	14.67	-6.90	164.24	97.91	-2179.55	-24.20	272.83	398.38
46700	85.36	14.40	-6.90	151.79	102.89	-2157.91	-26.30	323.59	391.39
46701	86.54	14.08	-6.90	139.92	107.76	-2130.74	-26.78	372.40	384.64
46702	87.69	13.72	-6.90	129.14	112.20	-2097.35	-26.01	419.57	378.33
46703	88.81	13.31	-6.90	119.70	115.92	-2056.71	-24.53	465.42	372.55
46704	89.90	12.86	-6.90	111.55	118.82	-2007.54	-23.04	510.05	367.68
46705	79.12	17.07	-6.90	202.30	100.92	-2365.70	-5.41	53.71	675.43
46706	80.44	16.99	-6.90	194.84	103.76	-2363.11	-12.06	121.66	669.94
46707	81.75	16.84	-6.90	186.17	107.04	-2351.16	-17.88	188.42	661.31
46708	83.04	16.62	-6.90	176.57	110.49	-2330.13	-22.73	253.33	649.66
46709	84.30	16.34	-6.90	166.37	113.87	-2300.28	-26.56	315.85	635.13
46710	85.54	15.99	-6.90	155.88	116.92	-2261.80	-29.43	375.55	617.84
46711	86.74	15.58	-6.90	145.32	119.44	-2214.81	-31.51	432.05	597.89
46712	87.91	15.11	-6.90	134.79	121.25	-2159.41	-33.06	485.03	575.32
46713	89.05	14.58	-6.90	124.19	122.32	-2095.70	-34.40	534.13	550.15
46714	90.14	14.00	-6.90	113.32	122.60	-2023.88	-35.88	579.01	522.46
46715	79.13	18.88	-6.90	223.33	58.05	-2269.34	-12.14	56.42	975.96
46716	80.47	18.79	-6.90	215.66	61.59	-2266.94	-23.33	135.23	969.04
46717	81.81	18.61	-6.90	206.15	65.96	-2254.71	-33.62	212.73	954.66
46718	83.13	18.35	-6.90	195.01	71.01	-2233.02	-42.86	287.82	933.00
46719	84.42	18.01	-6.90	182.53	76.55	-2202.34	-50.89	359.43	904.42
46720	85.68	17.59	-6.90	168.96	82.34	-2163.15	-57.56	426.60	869.37
46721	86.92	17.09	-6.90	154.57	88.19	-2115.95	-62.78	488.47	828.37
46722	88.11	16.51	-6.90	139.62	93.91	-2061.31	-66.51	544.28	782.00
46723	89.26	15.87	-6.90	124.34	99.33	-1999.87	-68.75	593.40	730.87
46724	90.36	15.15	-6.90	108.85	104.24	-1932.36	-69.64	635.44	675.72
46725	95.25	9.56	-6.90	40.75	121.45	-1522.06	-37.52	696.15	290.56
46726	94.64	10.65	-6.90	47.18	121.49	-1589.63	-47.05	709.98	357.71
46727	93.97	11.69	-6.90	54.82	119.82	-1653.43	-56.35	716.41	427.20
46728	94.24	9.48	-6.90	68.26	118.10	-1642.48	-18.93	634.81	238.30

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]
46729	93.82	10.42	-6.90	71.34	120.75	-1699.22	-26.08	654.08	301.80
46730	93.36	11.34	-6.90	74.67	121.69	-1749.48	-33.88	668.24	367.47
46731	93.23	9.40	-6.90	80.93	111.99	-1700.58	-11.77	562.88	181.40
46732	93.00	10.21	-6.90	83.69	116.19	-1755.34	-15.60	588.32	240.72
46733	92.75	11.00	-6.90	86.68	119.56	-1801.22	-20.80	607.58	304.48
46734	91.38	14.37	-6.90	93.84	108.18	-1863.39	-69.42	669.52	620.13
46735	91.10	13.39	-6.90	103.25	122.20	-1952.43	-37.29	615.13	493.63
46736	90.81	12.43	-6.90	105.19	120.51	-1957.30	-22.39	548.16	363.34
46737	92.31	13.54	-6.90	79.81	112.54	-1793.93	-67.17	693.23	559.88
46738	91.93	12.78	-6.90	93.12	122.29	-1883.22	-38.04	641.65	459.47
46739	91.55	12.03	-6.90	98.76	121.14	-1907.62	-22.41	579.44	354.46
46740	93.19	12.66	-6.90	66.71	116.43	-1721.26	-63.46	709.70	498.49
46741	92.73	12.13	-6.90	82.63	122.09	-1810.17	-38.31	661.94	424.02
46742	92.26	11.61	-6.90	91.38	121.40	-1851.51	-23.17	606.45	340.10
46743	90.14	9.49	-5.50	-88.30	-118.96	-1803.27	-79.76	423.20	75.13
46744	91.17	9.44	-5.50	-103.66	-120.34	-1846.23	-75.33	448.94	91.88
46745	92.21	9.39	-5.50	-108.16	-117.20	-1890.24	-66.88	486.35	117.68
46746	90.36	10.47	-5.50	-97.12	-133.31	-1950.68	-78.54	447.67	138.30
46747	91.26	10.33	-5.50	-104.45	-128.27	-1972.45	-72.11	477.62	153.58
46748	92.15	10.18	-5.50	-103.77	-120.25	-1988.92	-63.42	515.36	176.82
46749	90.56	11.46	-5.50	-99.18	-137.92	-2101.13	-71.91	482.24	220.30
46750	91.33	11.21	-5.50	-100.42	-128.83	-2094.46	-65.50	515.54	229.04
46751	92.08	10.96	-5.50	-97.55	-118.79	-2078.88	-59.15	557.22	249.19
46752	79.02	9.89	-5.50	164.15	-71.25	-1702.89	2.90	57.72	70.89
46753	80.15	9.88	-5.50	151.92	-72.53	-1702.70	-10.57	109.26	67.94
46754	81.29	9.86	-5.50	134.59	-75.05	-1701.74	-23.66	158.75	65.36
46755	82.41	9.83	-5.50	112.65	-78.81	-1700.79	-36.08	205.34	63.02
46756	83.53	9.80	-5.50	86.78	-83.72	-1700.97	-47.59	248.30	61.04
46757	84.65	9.76	-5.50	57.83	-89.56	-1703.62	-57.93	287.05	59.59
46758	85.76	9.71	-5.50	26.83	-96.07	-1710.17	-66.80	321.28	58.96
46759	86.87	9.66	-5.50	-4.99	-102.88	-1722.14	-73.88	351.07	59.54
46760	87.97	9.60	-5.50	-36.14	-109.50	-1740.94	-78.75	376.97	61.93
46761	89.07	9.54	-5.50	-64.74	-115.25	-1767.68	-80.90	400.34	67.03
46762	79.05	11.68	-5.50	126.48	-134.70	-1906.51	-4.70	60.35	174.57
46763	80.25	11.64	-5.50	113.98	-134.27	-1905.54	-19.91	114.91	170.39
46764	81.44	11.58	-5.50	96.61	-134.37	-1903.36	-34.39	167.03	164.87
46765	82.61	11.50	-5.50	74.98	-134.97	-1900.64	-47.68	215.75	158.56
46766	83.77	11.40	-5.50	49.96	-135.92	-1898.39	-59.39	260.36	151.86
46767	84.92	11.28	-5.50	22.63	-137.05	-1897.76	-69.18	300.42	145.21
46768	86.05	11.15	-5.50	-5.76	-138.09	-1899.88	-76.72	335.86	139.19
46769	87.17	10.99	-5.50	-33.77	-138.70	-1905.78	-81.69	367.02	134.50
46770	88.28	10.82	-5.50	-59.75	-138.43	-1916.14	-83.78	394.84	132.03
46771	89.37	10.63	-5.50	-81.79	-136.77	-1930.95	-82.66	421.28	132.97
46772	79.08	13.48	-5.50	81.85	-195.56	-2145.69	-12.12	62.67	285.98
46773	80.33	13.42	-5.50	69.55	-193.09	-2144.85	-28.07	119.08	280.02
46774	81.56	13.32	-5.50	53.00	-190.12	-2141.62	-42.92	173.21	272.24
46775	82.78	13.19	-5.50	32.96	-186.57	-2136.68	-56.02	223.96	262.94
46776	83.98	13.03	-5.50	10.45	-182.35	-2130.86	-66.91	270.72	252.74
46777	85.15	12.83	-5.50	-13.32	-177.40	-2124.93	-75.19	313.22	242.37
46778	86.31	12.61	-5.50	-36.98	-171.58	-2119.49	-80.55	351.65	232.70
46779	87.44	12.35	-5.50	-59.00	-164.75	-2114.84	-82.78	386.68	224.77
46780	88.56	12.06	-5.50	-77.74	-156.70	-2110.66	-81.77	419.57	219.81
46781	89.64	11.74	-5.50	-91.65	-147.36	-2105.73	-77.73	451.87	218.63
46782	79.10	15.28	-5.50	35.49	-229.89	-2429.37	-18.88	63.99	420.41
46783	80.40	15.20	-5.50	23.88	-225.68	-2428.45	-33.37	123.13	414.09
46784	81.67	15.07	-5.50	9.35	-219.60	-2422.79	-46.43	180.25	405.65
46785	82.92	14.90	-5.50	-7.28	-211.74	-2412.84	-57.41	234.63	395.59
46786	84.16	14.67	-5.50	-25.04	-202.29	-2399.00	-65.84	285.88	384.58
46787	85.36	14.40	-5.50	-42.76	-191.47	-2381.50	-71.39	333.94	373.42
46788	86.54	14.08	-5.50	-59.21	-179.53	-2360.25	-73.93	379.20	362.98
46789	87.69	13.72	-5.50	-73.16	-166.74	-2334.75	-73.55	422.46	354.19
46790	88.81	13.31	-5.50	-83.47	-153.41	-2303.87	-70.64	464.91	347.96
46791	89.90	12.86	-5.50	-89.23	-139.57	-2265.70	-65.82	507.91	345.60
46792	79.12	17.07	-5.50	7.34	-208.07	-2684.27	-24.72	66.48	658.83
46793	80.44	16.99	-5.50	-3.22	-203.03	-2682.34	-34.89	133.80	652.65
46794	81.75	16.84	-5.50	-14.79	-195.95	-2670.86	-43.84	199.87	643.76
46795	83.04	16.62	-5.50	-26.86	-187.18	-2650.17	-51.11	264.02	632.43
46796	84.30	16.34	-5.50	-38.78	-177.12	-2620.56	-56.45	325.89	619.03
46797	85.54	15.99	-5.50	-49.90	-166.22	-2582.15	-59.83	385.32	603.90
46798	86.74	15.58	-5.50	-59.58	-154.95	-2534.90	-61.40	442.32	587.39
46799	87.91	15.11	-5.50	-67.37	-143.74	-2478.53	-61.53	497.05	569.70
46800	89.05	14.58	-5.50	-73.11	-132.97	-2412.56	-60.83	549.75	550.98
46801	90.14	14.00	-5.50	-76.98	-122.91	-2336.28	-60.04	600.74	531.26
46802	79.13	18.88	-5.50	27.36	-215.37	-2607.08	-31.24	69.91	1059.59
46803	80.47	18.79	-5.50	17.00	-210.03	-2604.96	-42.70	154.61	1052.05
46804	81.81	18.61	-5.50	5.82	-203.20	-2591.38	-53.11	238.00	1037.19
46805	83.13	18.35	-5.50	-5.90	-194.98	-2566.85	-62.31	319.01	1015.06
46806	84.42	18.01	-5.50	-17.87	-185.70	-2531.89	-70.17	396.67	985.96
46807	85.68	17.59	-5.50	-29.81	-175.65	-2486.96	-76.65	470.06	950.28
46808	86.92	17.09	-5.50	-41.48	-165.16	-2432.57	-81.77	538.34	908.43
46809	88.11	16.51	-5.50	-52.70	-154.49	-2369.18	-85.64	600.76	860.87
46810	89.26	15.87	-5.50	-63.41	-143.85	-2297.30	-88.42	656.63	808.11
46811	90.36	15.15	-5.50	-73.84	-133.60	-2217.43	-90.40	705.52	750.81
46812	95.25	9.56	-5.50	-110.66	-76.60	-1734.52	-70.12	772.39	324.32
46813	94.64	10.65	-5.50	-109.74	-84.54	-1812.69	-77.68	791.41	400.43
46814	93.97	11.69	-5.50	-107.85	-93.49	-1885.84	-85.24	801.83	479.79
46815	94.24	9.48	-5.50	-91.40	-90.13	-1887.26	-51.58	661.27	242.88
46816	93.82	10.42	-5.50	-89.81	-92.70	-1958.80	-54.76	689.71	313.56
46817	93.36	11.34	-5.50	-88.98	-96.07	-2020.87	-59.16	713.46	388.58
46818	93.23	9.40	-5.50	-99.65	-106.36	-1920.08	-55.55	558.54	168.19
46819	93.00	10.21	-5.50	-94.75	-107.33	-1998.57	-54.27	590.14	230.14
46820	92.75	11.00	-5.50	-89.84	-106.82	-2066.16	-53.82	617.92	300.06
46821	91.38	14.37	-5.50	-83.90	-124.29	-2135.39	-91.95	745.93	692.23
46822	91.10	13.39	-5.50	-79.27	-114.73	-2257.75	-59.93	644.23	509.83
46823	90.81	12.43	-5.50	-90.45	-127.65	-2224.30	-61.04	547.33	346.12
46824	92.31	13.54	-5.50	-92.99	-114.00	-2052.60	-91.74	773.99	627.48
46825	91.93	12.78	-5.50	-82.37	-107.50	-2178.93	-60.46	678.17	480.82
46826	91.55	12.03	-5.50	-90.05	-118.32	-2179.91	-57.31	583.18	343.14
46827	93.19	12.66	-5.50	-101.20	-103.87	-1965.51	-90.37	794.21	560.75

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]
46828	92.73	12.13	-5.50	-86.09	-100.95	-2093.53	-61.38	706.60	449.90
46829	92.26	11.61	-5.50	-88.97	-109.64	-2126.20	-54.78	617.69	335.44
46830	90.14	9.49	-4.10	-287.92	-337.38	-1903.08	-153.21	475.04	122.71
46831	91.17	9.44	-4.10	-332.53	-356.67	-1956.17	-160.36	486.58	128.14
46832	92.21	9.39	-4.10	-371.62	-375.02	-2027.89	-163.87	500.35	138.08
46833	90.36	10.47	-4.10	-325.81	-390.85	-2072.67	-166.91	485.96	175.72
46834	91.26	10.33	-4.10	-359.09	-400.38	-2112.00	-169.96	499.96	177.96
46835	92.15	10.18	-4.10	-385.76	-408.19	-2162.15	-169.20	515.08	185.87
46836	90.56	11.46	-4.10	-361.73	-444.14	-2265.44	-176.35	498.68	237.50
46837	91.33	11.21	-4.10	-382.20	-442.10	-2282.35	-175.17	517.32	234.30
46838	92.08	10.96	-4.10	-396.73	-438.74	-2302.14	-171.43	542.76	244.30
46839	79.02	9.89	-4.10	71.45	-234.05	-1856.98	-12.62	76.75	150.56
46840	80.15	9.88	-4.10	56.70	-235.77	-1854.73	-29.54	137.45	147.30
46841	81.29	9.86	-4.10	35.59	-239.47	-1849.73	-46.24	195.66	143.78
46842	82.41	9.83	-4.10	8.53	-245.20	-1843.07	-62.51	250.20	140.04
46843	83.53	9.80	-4.10	-23.87	-252.93	-1836.21	-78.21	300.04	136.20
46844	84.65	9.76	-4.10	-60.93	-262.63	-1830.86	-93.22	344.34	132.43
46845	85.76	9.71	-4.10	-101.90	-274.24	-1828.99	-107.45	382.57	128.92
46846	86.87	9.66	-4.10	-146.00	-287.71	-1832.75	-120.78	414.47	125.91
46847	87.97	9.60	-4.10	-192.43	-302.96	-1844.49	-133.07	440.10	123.70
46848	89.07	9.54	-4.10	-240.27	-319.77	-1866.79	-144.08	460.03	122.68
46849	79.05	11.68	-4.10	20.34	-336.85	-2062.94	-20.87	80.24	264.85
46850	80.25	11.64	-4.10	4.80	-336.69	-2060.14	-41.47	143.87	259.52
46851	81.44	11.58	-4.10	-17.17	-337.91	-2054.02	-61.39	204.46	252.14
46852	82.61	11.50	-4.10	-45.02	-340.50	-2045.85	-80.32	260.72	243.23
46853	83.77	11.40	-4.10	-78.00	-344.45	-2037.02	-97.99	311.60	233.17
46854	84.92	11.28	-4.10	-115.22	-349.72	-2029.18	-114.22	356.31	222.36
46855	86.05	11.15	-4.10	-155.70	-356.23	-2024.15	-128.85	394.43	211.27
46856	87.17	10.99	-4.10	-198.42	-363.90	-2023.87	-141.72	425.86	200.38
46857	88.28	10.82	-4.10	-242.26	-372.53	-2030.34	-152.64	450.91	190.22
46858	89.37	10.63	-4.10	-285.90	-381.79	-2045.59	-161.24	470.65	181.53
46859	79.08	13.48	-4.10	-44.58	-457.49	-2303.32	-29.69	83.00	379.99
46860	80.33	13.42	-4.10	-60.59	-455.10	-2301.00	-53.79	147.83	372.61
46861	81.56	13.32	-4.10	-82.81	-453.10	-2294.58	-76.75	209.45	361.92
46862	82.78	13.19	-4.10	-110.57	-451.48	-2285.43	-98.10	266.57	348.46
46863	83.98	13.03	-4.10	-142.99	-450.21	-2274.84	-117.47	318.11	332.80
46864	85.15	12.83	-4.10	-178.97	-449.27	-2264.30	-134.56	363.36	315.62
46865	86.31	12.61	-4.10	-217.34	-448.58	-2255.40	-149.11	402.00	297.68
46866	87.44	12.35	-4.10	-256.77	-448.01	-2249.76	-160.89	434.16	279.87
46867	88.56	12.06	-4.10	-295.75	-447.31	-2248.88	-169.60	460.42	263.22
46868	89.64	11.74	-4.10	-332.44	-446.08	-2253.86	-174.89	481.77	248.63
46869	79.10	15.28	-4.10	-125.82	-593.52	-2604.34	-39.36	84.43	490.59
46870	80.40	15.20	-4.10	-142.08	-588.80	-2603.00	-66.15	149.02	482.19
46871	81.67	15.07	-4.10	-163.74	-582.65	-2596.82	-91.27	210.56	469.41
46872	82.92	14.90	-4.10	-190.10	-575.14	-2586.89	-114.14	267.96	453.03
46873	84.16	14.67	-4.10	-220.10	-566.35	-2574.18	-134.20	320.28	433.87
46874	85.36	14.40	-4.10	-252.49	-556.32	-2559.74	-150.98	367.00	412.92
46875	86.54	14.08	-4.10	-285.80	-545.08	-2544.54	-164.10	408.08	391.34
46876	87.69	13.72	-4.10	-318.42	-532.58	-2529.34	-173.30	444.06	370.48
46877	88.81	13.31	-4.10	-348.43	-518.70	-2514.42	-178.32	476.12	351.97
46878	89.90	12.86	-4.10	-373.67	-503.25	-2499.47	-179.09	505.97	338.18
46879	79.12	17.07	-4.10	-217.81	-697.72	-3003.30	-50.03	85.04	647.19
46880	80.44	16.99	-4.10	-233.71	-690.37	-3002.50	-75.58	150.94	639.27
46881	81.75	16.84	-4.10	-252.85	-679.21	-2993.15	-99.16	214.89	627.55
46882	83.04	16.62	-4.10	-274.54	-664.55	-2975.99	-120.03	276.05	612.77
46883	84.30	16.34	-4.10	-297.73	-646.74	-2951.47	-137.52	333.90	595.64
46884	85.54	15.99	-4.10	-321.13	-626.18	-2919.96	-151.15	388.27	577.08
46885	86.74	15.58	-4.10	-343.33	-603.28	-2881.64	-160.65	439.41	558.04
46886	87.91	15.11	-4.10	-362.79	-578.47	-2836.30	-165.97	488.04	539.51
46887	89.05	14.58	-4.10	-378.07	-552.19	-2783.26	-167.31	535.35	522.56
46888	90.14	14.00	-4.10	-387.47	-524.58	-2721.37	-165.13	583.11	508.38
46889	79.13	18.88	-4.10	-245.41	-720.89	-3089.80	-61.38	87.50	1109.49
46890	80.47	18.79	-4.10	-260.54	-711.85	-3088.50	-82.88	173.78	1101.49
46891	81.81	18.61	-4.10	-276.49	-698.17	-3074.60	-102.52	258.66	1086.94
46892	83.13	18.35	-4.10	-292.78	-680.20	-3048.82	-119.81	341.39	1065.85
46893	84.42	18.01	-4.10	-308.79	-658.53	-3011.64	-134.28	421.17	1038.48
46894	85.68	17.59	-4.10	-323.75	-633.80	-2963.52	-145.64	497.26	1005.21
46895	86.92	17.09	-4.10	-336.89	-606.72	-2904.86	-153.80	569.07	966.40
46896	88.11	16.51	-4.10	-347.46	-577.97	-2835.97	-158.89	636.06	922.42
46897	89.26	15.87	-4.10	-354.87	-548.26	-2756.90	-161.25	697.90	873.53
46898	90.36	15.15	-4.10	-358.96	-518.42	-2667.42	-161.44	754.59	820.25
46899	95.25	9.56	-4.10	-361.49	-365.29	-2081.14	-147.61	829.40	364.29
46900	94.64	10.65	-4.10	-360.62	-387.81	-2180.54	-151.90	857.48	449.36
46901	93.97	11.69	-4.10	-359.25	-409.66	-2272.72	-154.84	874.84	539.38
46902	94.24	9.48	-4.10	-388.22	-390.88	-2203.27	-148.89	638.26	240.04
46903	93.82	10.42	-4.10	-385.94	-411.92	-2310.31	-150.15	674.17	312.04
46904	93.36	11.34	-4.10	-382.38	-430.67	-2405.74	-150.25	709.43	392.71
46905	93.23	9.40	-4.10	-397.62	-391.22	-2129.26	-161.19	538.55	168.40
46906	93.00	10.21	-4.10	-401.15	-416.84	-2249.47	-163.36	563.32	222.60
46907	92.75	11.00	-4.10	-400.96	-439.26	-2365.15	-163.10	587.71	286.53
46908	91.38	14.37	-4.10	-360.61	-490.45	-2572.98	-161.22	804.14	764.59
46909	91.10	13.39	-4.10	-389.74	-498.61	-2653.46	-161.14	626.94	495.27
46910	90.81	12.43	-4.10	-390.16	-488.32	-2483.05	-176.65	533.24	330.95
46911	92.31	13.54	-4.10	-361.10	-462.39	-2475.31	-159.99	838.81	699.88
46912	91.93	12.78	-4.10	-388.88	-474.09	-2579.43	-156.88	665.48	475.21
46913	91.55	12.03	-4.10	-398.51	-473.36	-2462.88	-172.07	560.98	324.48
46914	93.19	12.66	-4.10	-358.97	-434.83	-2370.66	-157.59	865.08	631.03
46915	92.73	12.13	-4.10	-384.35	-449.98	-2494.94	-152.17	702.22	454.97
46916	92.26	11.61	-4.10	-401.20	-456.81	-2436.41	-165.72	590.15	316.63
46917	90.14	9.49	-2.70	-456.59	-511.15	-2006.71	-217.50	590.18	236.70
46918	91.17	9.44	-2.70	-537.71	-553.15	-2059.46	-240.82	609.25	245.71
46919	92.21	9.39	-2.70	-633.44	-604.99	-2140.99	-268.08	627.63	258.34
46920	90.36	10.47	-2.70	-530.74	-607.17	-2188.49	-252.11	608.35	305.14
46921	91.26	10.33	-2.70	-604.55	-641.66	-2232.73	-273.88	626.61	307.76
46922	92.15	10.18	-2.70	-687.37	-683.82	-2297.86	-297.64	641.85	313.62
46923	90.56	11.46	-2.70	-620.38	-726.33	-2403.90	-293.53	625.62	381.24
46924	91.33	11.21	-2.70	-682.78	-746.79	-2431.01	-311.04	643.43	373.79
46925	92.08	10.96	-2.70	-752.31	-775.37	-2472.77	-331.34	662.96	375.87
46926	79.02	9.89	-2.70	4.66	-354.97	-2038.35	-25.92	98.14	257.77

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]
46927	80.15	9.88	-2.70	-12.00	-357.01	-2033.46	-45.64	170.80	254.42
46928	81.29	9.86	-2.70	-36.41	-361.70	-2023.49	-65.16	240.61	250.60
46929	82.41	9.83	-2.70	-68.11	-369.08	-2009.80	-84.40	306.09	246.49
46930	83.53	9.80	-2.70	-106.49	-379.20	-1994.24	-103.31	366.04	242.35
46931	84.65	9.76	-2.70	-150.94	-392.15	-1979.04	-121.93	419.61	238.46
46932	85.76	9.71	-2.70	-200.92	-408.13	-1966.71	-140.34	466.34	235.17
46933	86.87	9.66	-2.70	-256.12	-427.44	-1959.98	-158.72	506.18	232.90
46934	87.97	9.60	-2.70	-316.61	-450.61	-1961.86	-177.40	539.54	232.12
46935	89.07	9.54	-2.70	-383.16	-478.32	-1975.81	-196.89	567.24	233.35
46936	79.05	11.68	-2.70	-57.01	-490.13	-2245.42	-34.64	103.29	397.02
46937	80.25	11.64	-2.70	-74.71	-490.14	-2239.90	-59.74	179.72	390.81
46938	81.44	11.58	-2.70	-100.63	-492.30	-2229.03	-84.17	252.77	382.52
46939	82.61	11.50	-2.70	-134.13	-496.63	-2214.09	-107.71	320.82	372.56
46940	83.77	11.40	-2.70	-174.45	-503.25	-2196.97	-130.26	382.67	361.47
46941	84.92	11.28	-2.70	-220.83	-512.32	-2179.88	-151.81	437.51	349.81
46942	86.05	11.15	-2.70	-272.66	-524.10	-2165.22	-172.49	485.01	338.20
46943	87.17	10.99	-2.70	-329.55	-538.98	-2155.59	-192.55	525.25	327.26
46944	88.28	10.82	-2.70	-391.51	-557.51	-2153.78	-212.34	558.69	317.57
46945	89.37	10.63	-2.70	-459.18	-580.33	-2163.10	-232.27	586.32	309.72
46946	79.08	13.48	-2.70	-139.40	-662.24	-2489.10	-44.42	108.06	540.99
46947	80.33	13.42	-2.70	-158.07	-659.97	-2484.17	-75.59	186.74	532.38
46948	81.56	13.32	-2.70	-185.24	-659.09	-2473.61	-105.66	261.90	520.39
46949	82.78	13.19	-2.70	-220.17	-659.64	-2458.49	-134.30	331.92	505.41
46950	83.98	13.03	-2.70	-262.05	-661.81	-2440.62	-161.31	395.55	488.18
46951	85.15	12.83	-2.70	-310.07	-665.85	-2422.04	-186.67	452.04	469.46
46952	86.31	12.61	-2.70	-363.58	-672.10	-2405.02	-210.48	501.05	450.07
46953	87.44	12.35	-2.70	-422.17	-681.02	-2392.00	-233.04	542.64	430.81
46954	88.56	12.06	-2.70	-485.73	-693.21	-2385.63	-254.72	577.16	412.43
46955	89.64	11.74	-2.70	-554.35	-709.18	-2389.01	-275.64	605.00	395.30
46956	79.10	15.28	-2.70	-249.28	-893.72	-2780.91	-56.56	113.12	699.98
46957	80.40	15.20	-2.70	-269.16	-889.10	-2777.43	-95.22	192.97	689.79
46958	81.67	15.07	-2.70	-297.66	-884.59	-2768.22	-132.44	269.56	674.74
46959	82.92	14.90	-2.70	-334.08	-880.35	-2754.08	-167.72	341.25	655.26
46960	84.16	14.67	-2.70	-377.61	-876.62	-2736.65	-200.74	406.82	632.14
46961	85.36	14.40	-2.70	-427.45	-873.73	-2717.82	-231.32	465.43	606.27
46962	86.54	14.08	-2.70	-482.89	-872.05	-2699.72	-259.50	516.68	578.61
46963	87.69	13.72	-2.70	-543.42	-872.04	-2684.65	-285.42	560.56	550.18
46964	88.81	13.31	-2.70	-608.71	-874.21	-2675.11	-309.38	597.32	522.04
46965	89.90	12.86	-2.70	-678.49	-879.73	-2673.77	-331.62	627.41	496.00
46966	79.12	17.07	-2.70	-419.77	-1237.67	-3269.17	-73.60	119.39	856.12
46967	80.44	16.99	-2.70	-441.42	-1230.06	-3268.65	-121.97	198.74	844.77
46968	81.75	16.84	-2.70	-471.64	-1220.42	-3261.71	-168.55	275.55	827.56
46969	83.04	16.62	-2.70	-509.72	-1208.92	-3248.94	-212.58	348.12	804.85
46970	84.30	16.34	-2.70	-554.81	-1195.82	-3231.43	-253.51	415.31	777.53
46971	85.54	15.99	-2.70	-606.00	-1181.46	-3210.38	-290.95	476.35	746.74
46972	86.74	15.58	-2.70	-662.32	-1166.22	-3187.01	-324.68	530.95	713.76
46973	87.91	15.11	-2.70	-722.86	-1150.47	-3162.49	-354.64	579.34	680.04
46974	89.05	14.58	-2.70	-786.91	-1134.64	-3137.48	-381.04	622.58	647.35
46975	90.14	14.00	-2.70	-853.47	-1119.35	-3113.27	-404.04	661.38	617.86
46976	79.13	18.88	-2.70	-663.22	-1910.90	-3742.38	-114.65	125.99	1279.19
46977	80.47	18.79	-2.70	-689.51	-1896.22	-3742.28	-185.15	217.10	1269.40
46978	81.81	18.61	-2.70	-723.47	-1872.45	-3729.60	-252.95	306.82	1253.50
46979	83.13	18.35	-2.70	-764.47	-1839.68	-3704.81	-316.67	394.36	1231.32
46980	84.42	18.01	-2.70	-811.52	-1798.56	-3668.56	-375.11	478.91	1203.38
46981	85.68	17.59	-2.70	-863.38	-1749.87	-3621.48	-427.27	559.88	1170.38
46982	86.92	17.09	-2.70	-918.65	-1694.54	-3564.16	-472.37	636.98	1133.14
46983	88.11	16.51	-2.70	-975.83	-1633.55	-3497.10	-509.91	710.20	1092.47
46984	89.26	15.87	-2.70	-1033.33	-1567.73	-3420.55	-539.59	779.95	1049.05
46985	90.36	15.15	-2.70	-1090.15	-1498.88	-3334.00	-562.14	848.54	1004.71
46986	95.25	9.56	-2.70	-1179.82	-946.86	-2612.39	-472.91	946.54	502.94
46987	94.64	10.65	-2.70	-1209.58	-1052.59	-2756.18	-514.49	992.88	606.67
46988	93.97	11.69	-2.70	-1229.10	-1163.90	-2892.95	-552.69	1028.21	720.86
46989	94.24	9.48	-2.70	-926.51	-795.41	-2541.28	-357.84	697.08	333.38
46990	93.82	10.42	-2.70	-968.75	-886.83	-2713.68	-391.06	724.50	405.71
46991	93.36	11.34	-2.70	-1010.75	-986.96	-2884.39	-424.52	755.59	486.47
46992	93.23	9.40	-2.70	-760.30	-681.16	-2281.43	-306.18	655.48	284.99
46993	93.00	10.21	-2.70	-806.23	-760.10	-2441.04	-335.06	672.04	341.30
46994	92.75	11.00	-2.70	-852.64	-847.62	-2612.26	-364.34	684.57	403.67
46995	91.38	14.37	-2.70	-1141.83	-1427.65	-3238.48	-576.80	916.20	958.87
46996	91.10	13.39	-2.70	-911.56	-1101.39	-3082.62	-420.67	693.38	592.45
46997	90.81	12.43	-2.70	-742.21	-885.81	-2676.33	-349.45	650.88	475.97
46998	92.31	13.54	-2.70	-1183.00	-1348.50	-3133.61	-579.54	965.77	900.92
46999	91.93	12.78	-2.70	-960.61	-1076.58	-3041.43	-431.06	723.78	564.50
47000	91.55	12.03	-2.70	-796.21	-888.17	-2681.11	-362.68	670.65	457.54
47001	93.19	12.66	-2.70	-1217.44	-1267.94	-3018.78	-575.48	1008.84	837.38
47002	92.73	12.13	-2.70	-1008.18	-1052.44	-2994.51	-438.36	754.49	542.51
47003	92.26	11.61	-2.70	-851.12	-890.08	-2693.18	-373.38	688.01	437.26
47004	66.76	9.50	-2.70	-198.44	-524.45	-1842.70	151.47	-403.22	271.66
47005	65.73	9.45	-2.70	-225.45	-569.91	-1845.87	167.10	-407.42	283.94
47006	64.70	9.40	-2.70	-250.43	-625.77	-1859.14	186.53	-409.68	300.57
47007	66.55	10.50	-2.70	-251.71	-625.03	-1992.50	180.10	-411.50	348.46
47008	65.64	10.35	-2.70	-275.46	-661.49	-1989.68	195.78	-416.18	354.13
47009	64.75	10.20	-2.70	-296.69	-705.88	-1994.14	213.53	-416.90	363.01
47010	66.34	11.50	-2.70	-316.05	-747.60	-2171.01	215.31	-420.36	431.30
47011	65.58	11.25	-2.70	-333.60	-769.36	-2155.76	228.99	-426.57	426.85
47012	64.83	10.99	-2.70	-348.77	-799.04	-2144.73	244.25	-432.97	430.86
47013	77.88	9.90	-2.70	13.16	-355.51	-2039.39	-6.24	24.33	260.81
47014	76.74	9.91	-2.70	13.51	-358.26	-2034.00	12.72	-46.65	262.53
47015	75.61	9.89	-2.70	6.72	-363.32	-2019.75	31.20	-114.57	262.57
47016	74.49	9.87	-2.70	-6.70	-371.14	-1998.94	48.97	-177.55	261.78
47017	73.36	9.83	-2.70	-25.92	-381.84	-1973.52	65.85	-234.03	260.61
47018	72.25	9.79	-2.70	-49.91	-395.56	-1945.51	81.78	-282.85	259.47
47019	71.14	9.74	-2.70	-77.48	-412.56	-1917.02	96.73	-323.26	258.82
47020	70.03	9.69	-2.70	-107.36	-433.24	-1890.22	110.82	-354.97	259.15
47021	68.93	9.63	-2.70	-138.26	-458.21	-1867.27	124.28	-378.20	261.04
47022	67.83	9.56	-2.70	-168.98	-488.23	-1850.23	137.64	-393.80	265.10
47023	77.85	11.71	-2.70	-47.91	-492.17	-2243.97	-9.68	26.27	400.83
47024	76.65	11.70	-2.70	-47.13	-495.61	-2234.29	15.20	-49.05	401.48
47025	75.47	11.66	-2.70	-53.92	-499.80	-2216.46	39.15	-120.18	398.49

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]
47026	74.30	11.58	-2.70	-67.46	-505.45	-2191.94	61.74	-185.34	392.97
47027	73.14	11.48	-2.70	-86.71	-513.05	-2162.34	82.76	-243.16	385.73
47028	71.99	11.36	-2.70	-110.49	-522.98	-2129.57	102.12	-292.63	377.50
47029	70.86	11.22	-2.70	-137.50	-535.66	-2095.64	119.86	-333.19	369.06
47030	69.74	11.06	-2.70	-166.42	-551.59	-2062.58	136.16	-364.71	361.18
47031	68.63	10.88	-2.70	-195.90	-571.38	-2032.36	151.35	-387.54	354.53
47032	67.54	10.68	-2.70	-224.74	-595.75	-2006.91	165.89	-402.70	349.76
47033	77.83	13.50	-2.70	-129.53	-664.89	-2485.57	-13.16	28.70	545.32
47034	76.58	13.47	-2.70	-127.73	-667.45	-2473.65	17.81	-48.38	544.62
47035	75.35	13.40	-2.70	-133.65	-669.95	-2452.82	47.72	-121.31	538.83
47036	74.14	13.28	-2.70	-146.37	-672.87	-2424.71	75.95	-188.16	529.11
47037	72.94	13.12	-2.70	-164.72	-676.71	-2390.81	102.12	-247.47	516.43
47038	71.77	12.92	-2.70	-187.44	-681.99	-2352.84	126.05	-298.30	501.77
47039	70.61	12.69	-2.70	-213.15	-689.24	-2312.62	147.74	-340.10	486.13
47040	69.47	12.42	-2.70	-240.49	-699.06	-2272.03	167.39	-372.78	470.45
47041	68.36	12.12	-2.70	-268.03	-712.16	-2232.84	185.33	-396.58	455.62
47042	67.27	11.79	-2.70	-294.20	-729.01	-2196.79	201.67	-411.87	442.02
47043	77.81	15.29	-2.70	-238.11	-896.79	-2774.50	-17.65	32.47	704.21
47044	76.52	15.25	-2.70	-234.75	-897.85	-2759.35	20.93	-45.56	701.72
47045	75.26	15.14	-2.70	-239.14	-897.53	-2735.57	58.34	-119.60	692.85
47046	74.01	14.98	-2.70	-250.32	-896.32	-2704.35	93.78	-187.78	678.86
47047	72.77	14.76	-2.70	-267.11	-894.71	-2666.89	126.71	-248.67	660.73
47048	71.57	14.49	-2.70	-288.15	-893.27	-2624.62	156.79	-301.29	639.53
47049	70.38	14.16	-2.70	-311.97	-892.60	-2579.06	183.90	-345.10	616.36
47050	69.23	13.79	-2.70	-337.07	-893.35	-2531.76	208.11	-379.98	592.35
47051	68.11	13.38	-2.70	-361.79	-896.22	-2484.15	229.61	-406.12	568.66
47052	67.01	12.91	-2.70	-384.25	-902.55	-2437.28	248.60	-423.96	546.99
47053	77.79	17.09	-2.70	-406.71	-1240.48	-3261.47	-25.27	39.89	860.77
47054	76.47	17.02	-2.70	-401.05	-1238.15	-3246.13	23.21	-37.80	857.80
47055	75.17	16.88	-2.70	-402.84	-1232.78	-3220.37	70.24	-111.98	847.46
47056	73.89	16.67	-2.70	-411.05	-1224.67	-3185.04	114.88	-180.95	830.87
47057	72.62	16.39	-2.70	-424.40	-1214.19	-3140.94	156.48	-243.41	809.13
47058	71.39	16.05	-2.70	-441.41	-1201.86	-3088.96	194.53	-298.50	783.48
47059	70.18	15.64	-2.70	-460.39	-1188.23	-3029.89	228.74	-345.83	755.32
47060	69.01	15.16	-2.70	-479.47	-1173.86	-2964.33	258.97	-385.55	726.11
47061	67.87	14.63	-2.70	-496.71	-1159.41	-2892.19	285.35	-418.62	697.49
47062	66.77	14.04	-2.70	-509.65	-1145.58	-2813.50	307.98	-445.59	671.30
47063	77.78	18.88	-2.70	-644.08	-1915.59	-3724.00	-43.01	33.60	1281.86
47064	76.43	18.80	-2.70	-631.80	-1909.45	-3689.17	28.38	-56.54	1275.87
47065	75.10	18.63	-2.70	-626.81	-1892.91	-3642.50	98.03	-144.00	1262.26
47066	73.79	18.37	-2.70	-627.96	-1866.18	-3584.07	164.33	-227.71	1241.80
47067	72.49	18.03	-2.70	-633.72	-1830.03	-3513.64	225.95	-306.73	1215.12
47068	71.23	17.61	-2.70	-642.25	-1785.41	-3431.04	281.79	-380.36	1183.01
47069	69.99	17.11	-2.70	-651.47	-1733.40	-3336.02	331.01	-448.16	1146.23
47070	68.80	16.53	-2.70	-659.08	-1675.15	-3228.25	373.08	-509.94	1105.52
47071	67.65	15.88	-2.70	-662.56	-1611.65	-3107.09	407.72	-565.84	1061.38
47072	66.55	15.16	-2.70	-659.69	-1544.89	-2971.07	435.56	-617.60	1015.27
47073	61.65	9.56	-2.70	-327.46	-996.22	-1937.17	357.82	-533.82	544.00
47074	62.26	10.65	-2.70	-449.66	-1097.86	-2079.09	408.38	-635.64	619.30
47075	62.93	11.70	-2.70	-525.89	-1210.46	-2291.47	448.89	-700.06	728.29
47076	62.66	9.48	-2.70	-305.51	-818.52	-1979.54	264.80	-433.54	378.87
47077	63.08	10.43	-2.70	-382.59	-912.92	-2177.06	295.71	-452.00	463.63
47078	63.54	11.36	-2.70	-448.42	-1015.97	-2365.92	328.78	-488.91	543.60
47079	63.67	9.41	-2.70	-276.61	-706.71	-1898.39	216.60	-417.97	330.90
47080	63.90	10.22	-2.70	-330.03	-783.92	-2047.48	244.64	-428.07	395.20
47081	64.15	11.02	-2.70	-384.09	-872.76	-2208.47	272.59	-439.91	462.42
47082	65.52	14.38	-2.70	-647.52	-1474.59	-2822.42	455.78	-664.68	966.60
47083	65.81	13.43	-2.70	-513.02	-1128.48	-2727.04	324.27	-465.45	647.95
47084	66.10	12.47	-2.70	-400.14	-909.23	-2393.80	263.30	-435.34	530.51
47085	64.59	13.55	-2.70	-622.43	-1396.44	-2660.78	464.01	-692.26	905.70
47086	64.97	12.80	-2.70	-506.61	-1104.97	-2630.29	334.78	-483.13	621.25
47087	65.36	12.06	-2.70	-408.23	-912.57	-2353.91	274.33	-444.39	514.85
47088	63.71	12.67	-2.70	-584.70	-1316.65	-2482.12	465.02	-709.75	838.84
47089	64.18	12.15	-2.70	-491.38	-1082.80	-2520.27	341.95	-498.42	598.40
47090	64.64	11.63	-2.70	-411.06	-915.62	-2313.28	283.19	-449.63	496.84
47091	66.76	9.52	-4.10	-55.40	-352.28	-1746.13	128.56	-351.75	161.68
47092	65.72	9.47	-4.10	-63.21	-376.39	-1749.22	134.01	-359.13	169.30
47093	64.69	9.41	-4.10	-63.09	-401.43	-1754.77	137.60	-368.17	180.67
47094	66.53	10.55	-4.10	-82.49	-415.25	-1891.61	139.26	-357.43	222.94
47095	65.63	10.39	-4.10	-83.57	-428.81	-1883.57	142.32	-367.20	225.70
47096	64.75	10.23	-4.10	-77.60	-442.35	-1875.09	143.12	-377.33	232.26
47097	66.33	11.56	-4.10	-106.46	-478.07	-2054.43	145.90	-366.99	289.29
47098	65.57	11.30	-4.10	-100.00	-479.81	-2029.18	146.76	-381.27	285.57
47099	64.82	11.02	-4.10	-87.31	-481.67	-1999.59	145.44	-400.10	291.81
47100	77.87	9.92	-4.10	79.35	-235.41	-1860.61	4.62	12.82	155.21
47101	76.73	9.95	-4.10	79.80	-238.61	-1860.94	20.98	-45.49	158.78
47102	75.59	9.95	-4.10	75.09	-242.83	-1852.97	37.08	-101.71	159.80
47103	74.46	9.92	-4.10	65.45	-248.94	-1839.76	52.49	-154.13	159.62
47104	73.34	9.89	-4.10	51.56	-257.09	-1823.33	66.97	-201.44	158.84
47105	72.23	9.84	-4.10	34.36	-267.36	-1805.40	80.39	-242.69	157.86
47106	71.12	9.79	-4.10	15.03	-279.80	-1787.60	92.63	-277.25	157.01
47107	70.02	9.72	-4.10	-5.13	-294.50	-1771.42	103.63	-304.90	156.64
47108	68.92	9.66	-4.10	-24.66	-311.53	-1758.23	113.33	-325.88	157.10
47109	67.82	9.58	-4.10	-41.94	-330.85	-1749.05	121.70	-341.04	158.76
47110	77.84	11.75	-4.10	27.88	-341.25	-2067.74	-0.32	16.36	270.98
47111	76.63	11.80	-4.10	27.69	-347.94	-2067.90	20.51	-47.26	276.34
47112	75.43	11.78	-4.10	22.79	-352.71	-2058.71	40.70	-106.72	276.33
47113	74.26	11.72	-4.10	13.45	-357.02	-2042.88	59.59	-160.91	272.68
47114	73.10	11.61	-4.10	0.46	-361.73	-2022.40	76.85	-208.96	266.59
47115	71.96	11.48	-4.10	-15.13	-367.35	-1999.05	92.29	-250.20	258.94
47116	70.83	11.33	-4.10	-32.05	-374.15	-1974.42	105.81	-284.28	250.49
47117	69.71	11.15	-4.10	-48.86	-382.34	-1949.96	117.35	-311.22	241.94
47118	68.61	10.95	-4.10	-63.99	-391.98	-1926.85	126.86	-331.50	233.92
47119	67.52	10.74	-4.10	-75.67	-403.01	-1905.72	134.26	-346.46	227.06
47120	77.82	13.54	-4.10	-36.48	-462.45	-2306.60	-5.52	17.96	385.83
47121	76.58	13.57	-4.10	-35.74	-468.38	-2305.53	18.48	-45.72	389.28
47122	75.34	13.53	-4.10	-39.43	-471.88	-2294.82	41.91	-105.91	387.15
47123	74.12	13.43	-4.10	-47.06	-473.69	-2276.27	63.88	-161.05	380.27
47124	72.92	13.27	-4.10	-57.73	-474.47	-2251.63	83.78	-210.02	369.76

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]
47125	71.74	13.07	-4.10	-70.24	-474.75	-2222.47	101.24	-252.14	356.71
47126	70.59	12.82	-4.10	-83.17	-474.94	-2190.22	116.03	-287.17	342.17
47127	69.45	12.54	-4.10	-94.91	-475.30	-2156.08	128.00	-315.32	327.20
47128	68.34	12.22	-4.10	-103.72	-475.96	-2120.87	137.05	-337.30	312.86
47129	67.25	11.87	-4.10	-107.75	-476.83	-2084.61	143.08	-354.10	299.73
47130	77.81	15.32	-4.10	-116.62	-598.19	-2605.58	-12.61	19.88	495.73
47131	76.53	15.32	-4.10	-113.76	-601.58	-2602.30	13.84	-42.99	497.24
47132	75.26	15.25	-4.10	-114.60	-601.54	-2588.90	39.58	-102.87	493.13
47133	74.01	15.10	-4.10	-118.52	-598.58	-2566.41	63.58	-158.37	483.99
47134	72.77	14.89	-4.10	-124.51	-593.20	-2535.98	85.13	-208.50	470.86
47135	71.56	14.61	-4.10	-131.24	-585.88	-2498.69	103.70	-252.68	454.93
47136	70.38	14.28	-4.10	-137.15	-577.07	-2455.38	118.93	-290.87	437.45
47137	69.22	13.90	-4.10	-140.49	-567.17	-2406.54	130.62	-323.57	419.72
47138	68.10	13.47	-4.10	-139.39	-556.43	-2352.09	138.69	-351.80	403.11
47139	67.00	12.99	-4.10	-131.96	-545.11	-2291.06	143.18	-376.97	389.52
47140	77.79	17.10	-4.10	-206.42	-701.74	-2998.62	-24.21	19.05	653.11
47141	76.48	17.07	-4.10	-198.88	-701.92	-2985.39	1.12	-45.94	656.17
47142	75.18	16.95	-4.10	-193.42	-697.72	-2959.96	25.84	-109.08	653.68
47143	73.90	16.76	-4.10	-189.44	-689.44	-2922.83	48.88	-169.30	645.99
47144	72.63	16.48	-4.10	-185.94	-677.52	-2874.38	69.56	-225.83	634.04
47145	71.39	16.14	-4.10	-181.68	-662.51	-2814.93	87.39	-278.26	618.85
47146	70.18	15.72	-4.10	-175.25	-645.04	-2744.57	102.08	-326.59	601.42
47147	69.01	15.24	-4.10	-165.23	-625.73	-2663.07	113.59	-371.24	582.68
47148	67.87	14.69	-4.10	-150.35	-605.22	-2569.75	122.10	-412.99	563.51
47149	66.77	14.09	-4.10	-129.32	-583.83	-2463.45	127.91	-452.91	544.79
47150	77.78	18.89	-4.10	-231.41	-725.69	-3076.53	-38.81	2.77	1112.19
47151	76.44	18.81	-4.10	-218.42	-726.10	-3048.73	-16.29	-83.44	1107.65
47152	75.11	18.65	-4.10	-206.24	-721.84	-3008.99	6.12	-167.70	1094.71
47153	73.79	18.40	-4.10	-194.44	-712.87	-2957.23	27.78	-248.71	1073.65
47154	72.50	18.06	-4.10	-182.42	-699.68	-2893.48	48.15	-325.36	1044.98
47155	71.23	17.64	-4.10	-169.45	-682.90	-2817.72	66.87	-396.67	1009.23
47156	70.00	17.14	-4.10	-154.80	-663.26	-2729.92	83.70	-461.80	966.94
47157	68.80	16.56	-4.10	-137.79	-641.47	-2629.98	98.63	-519.99	918.62
47158	67.65	15.91	-4.10	-117.92	-618.29	-2517.61	111.74	-570.66	864.66
47159	66.54	15.18	-4.10	-95.15	-594.67	-2392.31	123.15	-613.49	805.77
47160	61.65	9.56	-4.10	-12.23	-436.04	-1614.45	128.80	-511.37	342.52
47161	62.26	10.66	-4.10	-2.34	-486.05	-1718.47	134.48	-588.09	435.33
47162	62.93	11.71	-4.10	-9.18	-506.33	-1836.53	143.68	-644.98	513.27
47163	62.66	9.49	-4.10	-26.86	-444.70	-1743.46	132.82	-444.21	260.66
47164	63.08	10.45	-4.10	-29.90	-478.17	-1870.06	135.19	-483.81	333.54
47165	63.54	11.38	-4.10	-37.07	-504.73	-1987.92	136.53	-525.80	409.63
47166	63.67	9.42	-4.10	-51.33	-428.28	-1765.81	138.31	-393.35	206.83
47167	63.90	10.24	-4.10	-61.80	-461.90	-1886.82	141.35	-411.05	263.04
47168	64.15	11.05	-4.10	-70.29	-492.83	-2003.77	141.72	-433.34	326.07
47169	65.52	14.40	-4.10	-71.42	-571.99	-2260.30	133.45	-646.13	744.42
47170	65.80	13.47	-4.10	-104.50	-563.43	-2352.30	131.76	-486.87	525.65
47171	66.09	12.53	-4.10	-119.40	-534.54	-2230.21	144.72	-398.63	380.70
47172	64.59	13.57	-4.10	-48.22	-549.33	-2123.48	141.07	-662.02	674.94
47173	64.97	12.84	-4.10	-80.06	-544.12	-2237.49	134.28	-513.47	499.37
47174	65.35	12.11	-4.10	-103.67	-523.96	-2169.01	144.44	-420.31	371.18
47175	63.71	12.68	-4.10	-24.90	-527.53	-1977.58	145.08	-665.85	602.61
47176	64.17	12.17	-4.10	-54.60	-525.64	-2110.86	135.54	-534.14	471.68
47177	64.64	11.67	-4.10	-84.05	-512.27	-2098.54	142.99	-440.32	358.40
47178	66.74	9.53	-5.50	86.45	-133.91	-1650.34	99.97	-338.85	107.73
47179	65.71	9.47	-5.50	86.54	-140.23	-1646.95	98.11	-357.17	122.74
47180	64.68	9.42	-5.50	91.74	-143.46	-1635.78	93.83	-380.38	144.32
47181	66.49	10.58	-5.50	79.66	-157.14	-1779.38	95.90	-358.09	176.88
47182	65.61	10.41	-5.50	84.59	-156.44	-1758.31	92.96	-379.48	188.21
47183	64.72	10.24	-5.50	92.47	-153.90	-1727.61	88.72	-403.05	204.62
47184	66.29	11.60	-5.50	78.96	-170.92	-1906.24	86.96	-388.37	260.21
47185	65.53	11.33	-5.50	86.93	-165.79	-1863.38	84.91	-412.09	263.81
47186	64.79	11.04	-5.50	95.76	-160.14	-1810.36	82.65	-438.88	275.53
47187	77.86	9.94	-5.50	171.02	-72.64	-1708.63	16.86	0.62	76.95
47188	76.70	10.00	-5.50	171.13	-75.26	-1713.89	30.13	-48.01	81.78
47189	75.56	10.00	-5.50	167.49	-78.26	-1710.95	43.11	-95.52	83.69
47190	74.42	9.97	-5.50	160.28	-82.37	-1703.59	55.32	-140.34	84.60
47191	73.30	9.93	-5.50	150.10	-87.66	-1694.00	66.51	-181.44	85.20
47192	72.19	9.88	-5.50	137.82	-94.05	-1683.67	76.45	-218.13	85.98
47193	71.09	9.82	-5.50	124.52	-101.38	-1673.79	84.94	-250.07	87.32
47194	69.99	9.75	-5.50	111.40	-109.45	-1665.23	91.78	-277.30	89.63
47195	68.89	9.68	-5.50	99.80	-117.94	-1658.46	96.73	-300.32	93.42
47196	67.80	9.60	-5.50	91.10	-126.35	-1653.32	99.56	-320.30	99.31
47197	77.82	11.78	-5.50	132.58	-138.63	-1916.06	10.70	5.15	182.52
47198	76.58	11.88	-5.50	132.16	-144.35	-1924.30	26.65	-51.30	191.80
47199	75.37	11.89	-5.50	128.67	-147.61	-1921.54	41.92	-103.63	194.54
47200	74.18	11.82	-5.50	122.36	-149.58	-1911.93	55.82	-151.25	193.36
47201	73.02	11.72	-5.50	113.96	-151.05	-1897.83	67.98	-193.88	189.92
47202	71.87	11.57	-5.50	104.42	-152.41	-1880.85	78.21	-231.36	185.33
47203	70.75	11.41	-5.50	94.87	-153.78	-1862.17	86.34	-263.79	180.54
47204	69.64	11.21	-5.50	86.50	-155.12	-1842.49	92.25	-291.60	176.42
47205	68.55	11.00	-5.50	80.52	-156.29	-1821.95	95.85	-315.64	173.77
47206	67.48	10.78	-5.50	78.09	-157.01	-1799.76	97.07	-337.50	173.45
47207	77.81	13.57	-5.50	88.45	-199.17	-2153.91	4.11	5.31	293.86
47208	76.53	13.65	-5.50	89.26	-202.82	-2161.54	20.54	-52.07	302.02
47209	75.28	13.63	-5.50	87.66	-203.96	-2157.73	36.13	-106.43	304.26
47210	74.05	13.54	-5.50	84.04	-203.09	-2145.03	50.30	-156.65	301.91
47211	72.84	13.38	-5.50	79.18	-200.69	-2125.29	62.54	-202.12	296.36
47212	71.66	13.17	-5.50	74.07	-197.17	-2099.85	72.52	-242.66	288.92
47213	70.50	12.91	-5.50	69.84	-192.84	-2069.60	80.05	-278.50	280.78
47214	69.38	12.61	-5.50	67.58	-187.88	-2034.89	85.09	-310.25	273.08
47215	68.27	12.28	-5.50	68.28	-182.36	-1995.33	87.68	-338.88	266.91
47216	67.20	11.92	-5.50	72.46	-176.39	-1949.80	88.18	-365.11	262.59
47217	77.80	15.34	-5.50	43.21	-232.29	-2433.48	-4.06	4.36	428.51
47218	76.50	15.38	-5.50	47.03	-232.54	-2434.68	10.64	-55.26	436.87
47219	75.21	15.33	-5.50	49.28	-230.47	-2423.84	24.46	-112.80	439.46
47220	73.95	15.19	-5.50	50.49	-226.33	-2402.18	37.02	-167.25	437.32
47221	72.70	14.98	-5.50	51.37	-220.48	-2370.68	47.90	-217.98	431.52
47222	71.49	14.70	-5.50	52.76	-213.30	-2330.05	56.84	-264.74	423.20
47223	70.31	14.36	-5.50	55.52	-205.22	-2280.65	63.74	-307.65	413.43

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]
47224	69.15	13.97	-5.50	60.37	-196.62	-2222.36	68.72	-347.15	403.19
47225	68.04	13.52	-5.50	67.76	-187.87	-2154.56	72.05	-383.82	393.28
47226	66.95	13.03	-5.50	77.67	-179.04	-2076.06	74.12	-418.01	384.87
47227	77.79	17.12	-5.50	16.53	-210.61	-2679.15	-13.66	-0.43	666.88
47228	76.46	17.11	-5.50	24.31	-210.75	-2664.08	-2.85	-68.74	674.75
47229	75.15	17.01	-5.50	31.45	-209.22	-2636.53	7.84	-135.78	675.77
47230	73.86	16.82	-5.50	38.23	-206.18	-2596.83	18.20	-200.41	670.61
47231	72.59	16.55	-5.50	45.02	-201.90	-2545.34	27.97	-261.75	660.01
47232	71.35	16.20	-5.50	52.21	-196.70	-2482.29	37.06	-319.17	644.73
47233	70.14	15.78	-5.50	60.14	-190.97	-2407.83	45.49	-372.22	625.46
47234	68.96	15.29	-5.50	68.90	-185.05	-2321.98	53.38	-420.59	602.78
47235	67.83	14.73	-5.50	78.28	-179.26	-2224.62	60.93	-463.96	577.17
47236	66.73	14.12	-5.50	87.63	-173.80	-2115.69	68.31	-501.88	549.11
47237	77.78	18.89	-5.50	37.00	-219.43	-2595.64	-19.04	-12.75	1061.81
47238	76.43	18.83	-5.50	45.70	-221.84	-2570.88	-5.98	-97.70	1056.98
47239	75.10	18.67	-5.50	53.21	-222.32	-2535.73	7.45	-180.39	1042.71
47240	73.78	18.42	-5.50	59.65	-220.99	-2490.05	21.08	-259.40	1019.46
47241	72.48	18.09	-5.50	65.18	-218.02	-2433.88	34.67	-333.41	987.80
47242	71.21	17.66	-5.50	70.00	-213.68	-2367.35	47.97	-401.22	948.41
47243	69.98	17.16	-5.50	74.28	-208.25	-2290.60	60.78	-461.72	902.05
47244	68.79	16.58	-5.50	78.09	-202.03	-2203.86	72.88	-513.93	849.51
47245	67.63	15.92	-5.50	81.42	-195.32	-2107.41	84.02	-556.95	791.66
47246	66.53	15.19	-5.50	83.97	-188.61	-2001.74	93.94	-590.08	729.64
47247	61.65	9.56	-5.50	78.29	-126.82	-1418.14	95.01	-482.74	300.09
47248	62.25	10.66	-5.50	77.57	-143.73	-1490.20	94.65	-537.65	383.60
47249	62.92	11.71	-5.50	80.94	-159.32	-1571.21	101.26	-585.31	458.17
47250	62.66	9.49	-5.50	97.82	-135.11	-1543.21	85.64	-459.03	238.64
47251	63.07	10.45	-5.50	99.55	-145.12	-1623.51	82.75	-499.00	312.83
47252	63.53	11.39	-5.50	100.34	-154.47	-1698.71	84.18	-536.99	385.96
47253	63.67	9.42	-5.50	99.42	-141.93	-1608.74	87.66	-419.14	183.42
47254	63.88	10.25	-5.50	101.48	-149.67	-1690.97	83.37	-447.97	246.06
47255	64.13	11.06	-5.50	102.53	-155.54	-1763.88	80.23	-476.58	314.64
47256	65.51	14.41	-5.50	85.24	-182.13	-1893.15	102.01	-611.65	667.17
47257	65.78	13.49	-5.50	95.30	-169.07	-2006.91	75.03	-529.64	519.41
47258	66.05	12.57	-5.50	87.70	-171.54	-1998.32	75.50	-446.25	378.27
47259	64.58	13.57	-5.50	85.57	-174.93	-1783.81	106.38	-618.21	600.28
47260	64.95	12.86	-5.50	99.53	-164.64	-1901.33	80.34	-545.78	483.76
47261	65.32	12.14	-5.50	95.38	-165.72	-1923.34	76.80	-469.58	368.18
47262	63.70	12.68	-5.50	84.21	-167.85	-1671.03	106.98	-612.16	533.72
47263	64.16	12.19	-5.50	100.62	-160.43	-1790.98	84.34	-551.77	446.93
47264	64.61	11.69	-5.50	100.84	-160.18	-1840.72	78.65	-486.88	352.73
47265	66.73	9.54	-6.90	205.86	88.54	-1537.27	87.92	-340.17	94.73
47266	65.70	9.48	-6.90	200.78	88.20	-1524.02	86.32	-364.10	116.30
47267	64.68	9.42	-6.90	195.40	90.16	-1498.04	84.65	-389.54	143.27
47268	66.46	10.60	-6.90	204.30	86.49	-1639.75	80.82	-370.31	176.01
47269	65.58	10.43	-6.90	201.06	88.40	-1606.89	80.18	-393.76	190.73
47270	64.70	10.25	-6.90	196.28	91.05	-1562.74	80.27	-415.12	208.11
47271	66.24	11.63	-6.90	205.02	89.23	-1724.31	73.84	-408.54	270.44
47272	65.50	11.35	-6.90	202.06	90.98	-1673.71	75.21	-428.98	272.64
47273	64.77	11.06	-6.90	196.64	92.32	-1615.44	77.69	-447.67	279.62
47274	77.85	9.96	-6.90	284.26	119.79	-1571.91	30.37	-11.07	28.09
47275	76.68	10.04	-6.90	283.21	118.29	-1581.00	40.69	-52.26	34.43
47276	75.52	10.05	-6.90	279.31	116.33	-1581.66	50.73	-93.37	37.71
47277	74.39	10.02	-6.90	272.63	113.50	-1578.26	60.01	-132.91	40.40
47278	73.26	9.98	-6.90	263.67	109.99	-1573.02	68.31	-170.07	43.32
47279	72.15	9.92	-6.90	253.14	105.97	-1567.23	75.42	-204.42	47.04
47280	71.05	9.85	-6.90	241.87	101.68	-1561.64	81.14	-235.80	52.04
47281	69.96	9.78	-6.90	230.77	97.40	-1556.48	85.33	-264.37	58.77
47282	68.87	9.70	-6.90	220.70	93.47	-1551.41	87.85	-290.65	67.81
47283	67.78	9.61	-6.90	212.31	90.29	-1545.22	88.67	-315.60	79.73
47284	77.80	11.82	-6.90	258.67	88.82	-1772.47	23.61	-5.44	135.12
47285	76.53	11.97	-6.90	257.56	85.44	-1786.83	34.96	-57.81	149.83
47286	75.30	11.99	-6.90	254.14	83.68	-1788.54	45.93	-106.41	156.62
47287	74.10	11.93	-6.90	248.53	82.97	-1782.70	55.68	-150.80	159.04
47288	72.93	11.82	-6.90	241.39	82.75	-1771.81	63.95	-191.19	159.29
47289	71.79	11.66	-6.90	233.50	82.76	-1757.35	70.60	-227.82	158.79
47290	70.67	11.48	-6.90	225.61	82.93	-1740.10	75.59	-261.00	158.59
47291	69.57	11.28	-6.90	218.42	83.30	-1720.17	78.94	-291.22	159.56
47292	68.49	11.05	-6.90	212.41	83.93	-1696.97	80.77	-319.11	162.39
47293	67.43	10.81	-6.90	207.77	84.92	-1669.08	81.31	-345.61	167.61
47294	77.79	13.60	-6.90	232.52	72.61	-1993.93	16.62	-6.54	262.29
47295	76.49	13.73	-6.90	232.70	71.91	-2006.62	27.09	-61.95	277.54
47296	75.22	13.74	-6.90	231.28	72.27	-2006.13	36.92	-114.93	285.73
47297	73.97	13.65	-6.90	228.34	73.48	-1995.28	45.79	-164.49	288.66
47298	72.76	13.49	-6.90	224.42	75.36	-1976.01	53.41	-210.22	288.01
47299	71.57	13.27	-6.90	220.16	77.65	-1949.58	59.62	-252.05	285.23
47300	70.42	13.00	-6.90	216.12	80.14	-1916.63	64.41	-290.19	281.52
47301	69.30	12.69	-6.90	212.68	82.66	-1877.24	67.93	-324.99	277.80
47302	68.21	12.34	-6.90	209.92	85.10	-1830.91	70.46	-356.74	274.79
47303	67.14	11.96	-6.90	207.45	87.30	-1776.76	72.47	-385.17	272.35
47304	77.79	15.37	-6.90	211.92	81.58	-2219.95	8.99	-8.78	433.44
47305	76.47	15.44	-6.90	214.77	82.14	-2221.45	17.38	-69.55	448.59
47306	75.17	15.41	-6.90	216.32	83.21	-2210.12	25.50	-128.69	456.38
47307	73.89	15.29	-6.90	216.75	84.69	-2187.12	33.18	-185.10	458.06
47308	72.64	15.08	-6.90	216.41	86.39	-2153.47	40.28	-238.04	454.79
47309	71.42	14.79	-6.90	215.61	88.14	-2109.95	46.74	-287.01	447.67
47310	70.24	14.44	-6.90	214.55	89.73	-2057.02	52.59	-331.73	437.66
47311	69.09	14.04	-6.90	213.26	90.99	-1994.87	57.97	-372.02	425.54
47312	67.98	13.58	-6.90	211.48	91.77	-1923.51	63.08	-407.57	411.91
47313	66.90	13.08	-6.90	208.64	92.17	-1842.94	68.14	-437.66	397.68
47314	77.78	17.13	-6.90	208.53	98.57	-2360.27	2.07	-13.33	684.06
47315	76.45	17.15	-6.90	213.35	96.67	-2344.36	9.72	-83.21	693.50
47316	75.12	17.06	-6.90	216.86	95.20	-2317.14	17.90	-151.49	694.44
47317	73.82	16.88	-6.90	218.99	94.06	-2278.91	26.41	-216.80	687.65
47318	72.55	16.61	-6.90	219.86	93.18	-2230.06	35.09	-278.06	673.98
47319	71.30	16.26	-6.90	219.55	92.44	-2171.01	43.80	-334.27	654.28
47320	70.09	15.83	-6.90	218.10	91.75	-2102.16	52.45	-384.62	629.40
47321	68.92	15.34	-6.90	215.40	91.02	-2023.94	60.91	-428.36	600.11
47322	67.79	14.78	-6.90	211.22	90.20	-1936.90	69.07	-464.77	567.22

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]
47323	66.70	14.15	-6.90	205.18	89.28	-1841.87	76.78	-493.06	531.63
47324	77.77	18.90	-6.90	229.27	54.80	-2259.71	-0.48	-20.34	977.29
47325	76.43	18.84	-6.90	233.28	52.20	-2238.31	12.27	-99.31	971.86
47326	75.09	18.69	-6.90	234.97	51.11	-2208.16	25.38	-175.65	957.19
47327	73.77	18.44	-6.90	234.44	51.45	-2169.17	38.59	-248.05	933.81
47328	72.47	18.11	-6.90	231.88	53.01	-2121.43	51.57	-315.22	902.39
47329	71.20	17.69	-6.90	227.50	55.59	-2065.10	63.96	-375.93	863.73
47330	69.96	17.18	-6.90	221.50	58.94	-2000.44	75.45	-429.08	818.75
47331	68.77	16.60	-6.90	214.08	62.78	-1927.78	85.70	-473.73	768.41
47332	67.62	15.94	-6.90	205.42	66.84	-1847.62	94.41	-509.01	713.74
47333	66.52	15.20	-6.90	195.56	70.77	-1760.80	101.31	-534.30	655.99
47334	61.65	9.56	-6.90	139.68	103.79	-1294.55	102.66	-437.76	269.76
47335	62.25	10.66	-6.90	143.58	95.97	-1355.85	100.99	-477.42	345.61
47336	62.92	11.71	-6.90	150.71	88.23	-1420.06	103.56	-514.09	413.85
47337	62.65	9.49	-6.90	166.31	98.82	-1389.54	90.80	-438.30	226.55
47338	63.06	10.46	-6.90	168.25	96.17	-1449.55	88.83	-468.43	295.93
47339	63.51	11.40	-6.90	171.38	92.09	-1505.76	89.92	-497.26	362.52
47340	63.66	9.43	-6.90	184.74	94.06	-1455.80	85.09	-419.63	181.82
47341	63.86	10.26	-6.90	185.55	94.00	-1513.36	82.40	-445.12	244.21
47342	64.11	11.08	-6.90	186.56	93.09	-1563.21	81.69	-467.76	309.02
47343	65.50	14.42	-6.90	184.88	74.30	-1672.50	106.09	-548.54	599.10
47344	65.75	13.52	-6.90	198.01	88.62	-1749.85	83.09	-510.30	496.13
47345	66.01	12.60	-6.90	204.81	92.28	-1766.36	72.68	-459.06	384.55
47346	64.57	13.58	-6.90	173.76	78.25	-1584.85	107.73	-549.61	539.43
47347	64.92	12.88	-6.90	189.56	88.85	-1663.64	87.32	-516.68	457.57
47348	65.29	12.16	-6.90	199.41	92.23	-1696.48	76.49	-473.53	368.50
47349	63.69	12.69	-6.90	162.24	82.35	-1497.09	106.80	-539.25	480.90
47350	64.14	12.20	-6.90	179.48	89.51	-1576.54	90.27	-513.18	419.02
47351	64.58	11.71	-6.90	191.57	92.43	-1623.40	80.45	-479.88	347.47
47352	66.71	9.55	-8.30	304.18	300.97	-1413.28	94.82	-333.78	98.44
47353	65.69	9.49	-8.30	288.66	299.15	-1395.28	96.55	-356.46	121.45
47354	64.67	9.43	-8.30	270.64	298.51	-1366.30	99.41	-376.58	147.27
47355	66.42	10.63	-8.30	299.68	305.37	-1492.08	91.01	-366.40	184.29
47356	65.55	10.45	-8.30	285.68	303.52	-1457.51	93.88	-385.14	196.90
47357	64.68	10.27	-8.30	269.39	301.94	-1415.25	97.83	-398.69	210.12
47358	66.20	11.67	-8.30	295.27	307.90	-1551.03	89.85	-400.65	276.10
47359	65.46	11.38	-8.30	282.52	305.81	-1504.90	93.55	-414.06	274.31
47360	64.74	11.08	-8.30	267.65	303.26	-1454.73	98.25	-424.08	275.87
47361	77.84	9.98	-8.30	415.63	331.50	-1442.70	44.70	-20.80	3.81
47362	76.65	10.08	-8.30	412.65	330.21	-1453.55	53.16	-56.09	11.69
47363	75.49	10.10	-8.30	406.97	328.09	-1456.08	61.20	-92.03	16.64
47364	74.35	10.07	-8.30	398.60	325.33	-1454.69	68.54	-127.35	21.22
47365	73.23	10.02	-8.30	387.94	322.04	-1451.57	75.09	-161.41	26.41
47366	72.12	9.96	-8.30	375.53	318.36	-1447.77	80.74	-193.90	32.91
47367	71.02	9.88	-8.30	361.95	314.44	-1443.72	85.39	-224.70	41.19
47368	69.93	9.80	-8.30	347.76	310.48	-1439.23	89.01	-253.88	51.64
47369	68.84	9.72	-8.30	333.36	306.71	-1433.54	91.65	-281.62	64.61
47370	67.76	9.63	-8.30	318.87	303.35	-1425.12	93.49	-308.25	80.34
47371	77.79	11.85	-8.30	400.77	324.77	-1626.47	38.29	-13.47	117.06
47372	76.48	12.05	-8.30	398.24	323.75	-1644.20	46.81	-63.67	138.30
47373	75.23	12.09	-8.30	392.85	322.33	-1648.41	55.11	-109.97	149.61
47374	74.02	12.04	-8.30	384.89	320.74	-1644.11	62.65	-152.36	155.27
47375	72.85	11.92	-8.30	375.02	318.91	-1634.13	69.23	-191.24	158.25
47376	71.71	11.76	-8.30	363.87	316.87	-1619.92	74.78	-227.00	160.29
47377	70.60	11.56	-8.30	351.93	314.64	-1602.11	79.32	-259.95	162.51
47378	69.51	11.34	-8.30	339.51	312.27	-1580.72	82.97	-290.37	165.68
47379	68.44	11.10	-8.30	326.73	309.78	-1555.19	85.96	-318.37	170.21
47380	67.38	10.85	-8.30	313.38	307.26	-1524.35	88.59	-344.04	176.24
47381	77.78	13.63	-8.30	386.63	325.31	-1818.55	31.27	-15.45	258.03
47382	76.45	13.80	-8.30	384.64	324.81	-1833.43	39.30	-70.18	279.78
47383	75.15	13.84	-8.30	380.38	324.10	-1834.26	47.00	-122.34	292.89
47384	73.89	13.76	-8.30	374.04	323.23	-1823.60	54.26	-171.46	299.37
47385	72.67	13.60	-8.30	365.98	322.10	-1803.90	60.91	-216.88	301.12
47386	71.49	13.37	-8.30	356.60	320.64	-1776.56	66.87	-258.37	299.74
47387	70.34	13.09	-8.30	346.17	318.77	-1742.40	72.17	-295.90	296.42
47388	69.22	12.77	-8.30	334.81	316.44	-1701.80	76.95	-329.40	292.04
47389	68.14	12.40	-8.30	322.42	313.67	-1654.80	81.46	-358.65	287.18
47390	67.09	12.01	-8.30	308.69	310.47	-1601.29	85.98	-382.72	281.63
47391	77.78	15.39	-8.30	376.92	330.66	-1992.33	24.34	-17.70	440.99
47392	76.44	15.50	-8.30	376.60	329.19	-1993.63	31.93	-78.59	460.35
47393	75.12	15.50	-8.30	373.89	327.56	-1982.62	39.68	-137.44	470.62
47394	73.83	15.38	-8.30	369.02	325.80	-1960.24	47.47	-193.34	473.12
47395	72.57	15.17	-8.30	362.22	323.81	-1927.82	55.13	-245.27	469.24
47396	71.35	14.88	-8.30	353.66	321.50	-1886.28	62.55	-292.48	460.27
47397	70.17	14.52	-8.30	343.46	318.82	-1836.36	69.67	-334.38	447.32
47398	69.02	14.11	-8.30	331.64	315.73	-1778.67	76.48	-370.51	431.31
47399	67.92	13.64	-8.30	318.12	312.24	-1713.85	83.01	-400.33	413.04
47400	66.85	13.12	-8.30	302.81	308.47	-1642.66	89.34	-422.95	393.65
47401	77.77	17.15	-8.30	376.92	317.73	-2082.10	18.54	-20.90	666.70
47402	76.43	17.18	-8.30	377.33	314.05	-2067.98	27.87	-88.53	676.16
47403	75.10	17.11	-8.30	375.06	310.95	-2044.07	37.81	-153.82	676.32
47404	73.78	16.94	-8.30	370.17	308.32	-2010.57	48.05	-215.66	668.08
47405	72.50	16.67	-8.30	362.81	306.07	-1968.10	58.29	-272.81	652.45
47406	71.25	16.32	-8.30	353.13	304.11	-1917.16	68.26	-324.21	630.51
47407	70.04	15.89	-8.30	341.31	302.32	-1858.28	77.71	-368.96	603.31
47408	68.87	15.39	-8.30	327.47	300.60	-1792.05	86.43	-406.32	571.89
47409	67.75	14.82	-8.30	311.74	298.85	-1719.28	94.26	-435.65	537.26
47410	66.66	14.19	-8.30	294.23	297.02	-1641.07	101.14	-456.38	500.51
47411	77.77	18.90	-8.30	387.97	251.03	-2009.41	15.64	-24.04	886.08
47412	76.42	18.85	-8.30	387.58	249.09	-1991.83	30.40	-95.55	880.50
47413	75.08	18.70	-8.30	383.68	248.83	-1966.84	45.29	-164.21	866.44
47414	73.75	18.46	-8.30	376.53	250.09	-1934.39	59.92	-228.95	844.49
47415	72.45	18.13	-8.30	366.45	252.62	-1894.64	73.87	-288.58	815.36
47416	71.18	17.71	-8.30	353.72	256.16	-1847.73	86.73	-341.96	779.88
47417	69.95	17.20	-8.30	338.70	260.42	-1793.89	98.12	-388.09	738.97
47418	68.75	16.62	-8.30	321.75	265.05	-1733.43	107.76	-426.11	693.59
47419	67.61	15.95	-8.30	303.27	269.72	-1666.90	115.40	-455.28	644.73
47420	66.51	15.22	-8.30	283.61	274.09	-1595.19	120.97	-475.07	593.48
47421	61.65	9.56	-8.30	188.20	299.60	-1206.04	126.35	-390.78	248.53



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]
47422	62.24	10.66	-8.30	197.32	296.54	-1261.33	123.84	-421.49	316.59
47423	62.91	11.72	-8.30	209.10	291.20	-1317.25	124.31	-450.35	378.88
47424	62.65	9.50	-8.30	219.51	298.94	-1274.06	113.91	-401.49	215.31
47425	63.05	10.47	-8.30	224.50	299.34	-1324.67	112.32	-424.61	278.65
47426	63.50	11.41	-8.30	231.05	297.04	-1372.23	112.80	-446.66	338.92
47427	63.66	9.43	-8.30	247.07	298.49	-1326.78	104.87	-395.87	179.94
47428	63.85	10.27	-8.30	248.17	300.70	-1372.48	103.81	-415.95	238.19
47429	64.09	11.09	-8.30	250.63	300.77	-1412.54	104.07	-432.63	297.16
47430	65.49	14.43	-8.30	263.88	277.83	-1522.61	124.56	-484.83	543.48
47431	65.72	13.54	-8.30	277.22	295.53	-1566.53	106.41	-466.96	464.97
47432	65.97	12.63	-8.30	288.11	305.28	-1577.17	94.72	-436.80	376.06
47433	64.56	13.59	-8.30	244.52	281.90	-1451.22	125.76	-483.15	491.04
47434	64.90	12.90	-8.30	260.71	295.25	-1497.83	109.89	-468.25	427.77
47435	65.25	12.19	-8.30	274.42	303.13	-1519.51	98.84	-444.35	357.07
47436	63.69	12.69	-8.30	225.87	286.10	-1380.53	125.55	-472.12	439.16
47437	64.12	12.21	-8.30	243.87	295.30	-1429.32	112.53	-461.15	390.75
47438	64.56	11.73	-8.30	259.50	301.36	-1460.76	102.89	-444.37	333.84
47439	66.76	-9.49	-2.70	21.30	66.54	-110.57	-78.20	-215.37	-96.56
47440	65.73	-9.44	-2.70	5.58	73.91	-131.53	-86.39	-247.32	-63.02
47441	64.69	-9.39	-2.70	-14.95	82.10	-153.48	-94.62	-283.48	-24.92
47442	66.54	-10.47	-2.70	-8.09	93.96	-44.85	-84.33	-196.59	-52.15
47443	65.64	-10.33	-2.70	-25.63	101.43	-76.34	-93.11	-223.56	-24.47
47444	64.75	-10.18	-2.70	-47.84	110.40	-109.86	-102.76	-253.52	6.79
47445	66.34	-11.46	-2.70	-44.71	128.31	16.70	-83.27	-174.70	-6.97
47446	65.57	-11.21	-2.70	-63.11	133.66	-24.76	-91.05	-196.45	12.28
47447	64.82	-10.96	-2.70	-85.17	142.57	-68.19	-99.04	-221.21	34.25
47448	77.88	-9.89	-2.70	63.01	38.18	36.25	-9.89	-4.63	-261.84
47449	76.75	-9.88	-2.70	67.25	38.69	27.92	-15.15	-20.25	-259.02
47450	75.61	-9.86	-2.70	69.49	39.62	18.37	-20.94	-36.93	-253.11
47451	74.49	-9.83	-2.70	69.76	41.00	7.60	-27.13	-54.66	-244.13
47452	73.37	-9.80	-2.70	68.11	42.86	-4.42	-33.64	-73.42	-232.10
47453	72.25	-9.76	-2.70	64.62	45.21	-17.83	-40.40	-93.21	-217.08
47454	71.14	-9.71	-2.70	59.40	48.11	-32.82	-47.41	-114.14	-199.12
47455	70.03	-9.66	-2.70	52.54	51.62	-49.62	-54.68	-136.41	-178.24
47456	68.93	-9.60	-2.70	44.07	55.82	-68.43	-62.27	-160.43	-154.39
47457	67.83	-9.54	-2.70	33.81	60.81	-89.34	-70.15	-186.79	-127.52
47458	77.85	-11.68	-2.70	46.76	64.54	209.26	-13.41	-9.16	-190.07
47459	76.65	-11.64	-2.70	50.02	65.05	197.31	-18.06	-20.35	-188.23
47460	75.46	-11.58	-2.70	51.39	65.99	182.09	-23.36	-32.87	-183.78
47461	74.29	-11.50	-2.70	50.87	67.41	163.72	-29.23	-46.86	-176.77
47462	73.13	-11.40	-2.70	48.42	69.37	142.29	-35.60	-62.43	-167.17
47463	71.98	-11.28	-2.70	44.05	71.87	117.84	-42.45	-79.68	-154.96
47464	70.85	-11.15	-2.70	37.75	74.97	90.35	-49.77	-98.74	-140.12
47465	69.73	-10.99	-2.70	29.49	78.71	59.78	-57.62	-119.83	-122.56
47466	68.62	-10.82	-2.70	19.14	83.13	26.15	-66.09	-143.33	-102.18
47467	67.53	-10.63	-2.70	6.54	88.23	-10.50	-75.23	-169.69	-78.74
47468	77.82	-13.48	-2.70	32.57	102.42	377.08	-16.68	-14.02	-106.68
47469	76.57	-13.42	-2.70	34.27	102.79	362.30	-20.03	-20.78	-105.84
47470	75.34	-13.32	-2.70	34.16	103.49	342.12	-24.13	-29.10	-103.19
47471	74.12	-13.19	-2.70	32.15	104.59	316.72	-28.94	-39.26	-98.73
47472	72.92	-13.03	-2.70	28.13	106.16	286.32	-34.46	-51.46	-92.38
47473	71.75	-12.83	-2.70	21.98	108.26	251.08	-40.67	-65.89	-84.00
47474	70.59	-12.61	-2.70	13.55	110.96	211.14	-47.61	-82.70	-73.45
47475	69.46	-12.35	-2.70	2.65	114.34	166.65	-55.34	-102.09	-60.53
47476	68.35	-12.06	-2.70	-10.98	118.53	117.75	-63.98	-124.35	-44.98
47477	67.26	-11.74	-2.70	-27.75	123.43	64.50	-73.80	-150.00	-26.68
47478	77.80	-15.28	-2.70	22.29	158.46	538.02	-20.02	-19.59	-11.71
47479	76.50	-15.20	-2.70	21.96	158.48	521.11	-21.23	-22.25	-11.84
47480	75.23	-15.07	-2.70	19.81	158.46	496.73	-23.26	-26.62	-11.27
47481	73.98	-14.90	-2.70	15.69	158.51	465.09	-26.15	-33.10	-9.93
47482	72.74	-14.67	-2.70	9.37	158.74	426.47	-29.94	-42.01	-7.64
47483	71.54	-14.40	-2.70	0.59	159.27	381.13	-34.67	-53.58	-4.15
47484	70.36	-14.08	-2.70	-10.95	160.24	329.30	-40.37	-67.99	0.81
47485	69.21	-13.72	-2.70	-25.60	161.81	271.18	-47.12	-85.39	7.59
47486	68.09	-13.31	-2.70	-43.82	164.19	206.95	-54.99	-105.95	16.57
47487	67.00	-12.86	-2.70	-66.13	167.90	136.60	-64.13	-129.83	28.40
47488	77.78	-17.07	-2.70	22.87	246.95	720.26	-24.80	-27.73	88.12
47489	76.46	-16.99	-2.70	19.80	246.29	701.25	-23.14	-27.42	87.25
47490	75.15	-16.84	-2.70	14.69	244.79	672.46	-22.37	-28.78	85.95
47491	73.86	-16.62	-2.70	7.26	242.59	634.06	-22.61	-32.32	84.34
47492	72.60	-16.34	-2.70	-2.82	239.89	586.27	-23.97	-38.40	82.67
47493	71.36	-15.99	-2.70	-15.96	236.89	529.29	-26.51	-47.26	81.29
47494	70.16	-15.58	-2.70	-32.60	233.85	463.31	-30.28	-59.07	80.52
47495	68.99	-15.11	-2.70	-53.22	231.02	388.53	-35.30	-73.89	80.73
47496	67.85	-14.58	-2.70	-78.26	228.76	305.14	-41.51	-91.70	82.25
47497	66.76	-14.00	-2.70	-108.18	227.42	213.36	-48.90	-112.74	85.34
47498	77.77	-18.88	-2.70	31.24	424.32	862.44	-38.21	-30.93	249.36
47499	76.43	-18.79	-2.70	23.61	422.77	841.86	-32.68	-24.99	246.56
47500	75.09	-18.61	-2.70	12.91	418.17	808.81	-27.98	-20.70	241.51
47501	73.77	-18.35	-2.70	-1.10	410.78	763.50	-24.37	-18.55	234.20
47502	72.48	-18.01	-2.70	-18.75	400.97	706.24	-22.05	-19.03	224.81
47503	71.22	-17.59	-2.70	-40.37	389.18	637.48	-21.14	-22.59	213.56
47504	69.98	-17.09	-2.70	-66.28	375.88	557.74	-21.67	-29.65	200.70
47505	68.79	-16.51	-2.70	-96.70	361.57	467.72	-23.63	-40.62	186.45
47506	67.64	-15.87	-2.70	-131.68	346.74	368.29	-26.95	-55.89	171.03
47507	66.54	-15.15	-2.70	-170.94	332.08	260.55	-31.45	-75.78	155.00
47508	61.65	-9.56	-2.70	-188.50	192.98	-230.46	-148.82	-418.38	119.54
47509	62.26	-10.65	-2.70	-297.04	247.72	-253.66	-105.22	-282.96	103.53
47510	62.93	-11.69	-2.70	-310.60	268.95	-177.28	-71.15	-219.72	94.95
47511	62.66	-9.48	-2.70	-96.79	117.93	-204.41	-121.16	-366.64	81.22
47512	63.08	-10.42	-2.70	-162.62	174.23	-186.38	-119.30	-283.53	98.56
47513	63.54	-11.34	-2.70	-202.14	207.44	-137.10	-93.77	-225.01	97.30
47514	63.67	-9.40	-2.70	-48.12	95.16	-175.21	-104.72	-323.49	22.57
47515	63.90	-10.21	-2.70	-88.44	130.97	-140.25	-112.65	-277.66	49.52
47516	64.15	-11.00	-2.70	-125.56	164.50	-101.43	-103.84	-232.56	64.96
47517	65.52	-14.37	-2.70	-212.46	317.77	149.36	-36.72	-101.11	137.42
47518	65.80	-13.39	-2.70	-138.81	226.10	121.65	-56.86	-135.44	87.78
47519	66.09	-12.43	-2.70	-88.87	171.77	71.06	-72.67	-153.44	40.03
47520	64.59	-13.54	-2.70	-252.04	302.73	37.66	-44.71	-132.67	120.21

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]
47521	64.97	-12.78	-2.70	-167.37	223.33	32.50	-65.54	-158.98	90.76
47522	65.35	-12.03	-2.70	-108.93	174.51	12.33	-80.54	-174.63	51.13
47523	63.71	-12.66	-2.70	-289.11	288.82	-73.98	-55.35	-170.39	104.59
47524	64.17	-12.13	-2.70	-197.02	222.51	-58.24	-76.57	-186.91	95.26
47525	64.64	-11.61	-2.70	-130.80	175.52	-49.09	-90.04	-199.58	63.99
47526	66.76	-9.49	-4.10	53.48	61.77	-124.89	-59.31	-185.65	-114.70
47527	65.73	-9.44	-4.10	40.69	67.25	-145.41	-63.71	-209.43	-86.46
47528	64.69	-9.39	-4.10	27.03	73.86	-168.28	-66.72	-234.80	-56.70
47529	66.54	-10.47	-4.10	27.41	80.28	-65.28	-65.62	-166.12	-76.39
47530	65.64	-10.33	-4.10	15.69	86.14	-95.13	-69.98	-186.30	-54.28
47531	64.75	-10.18	-4.10	3.71	93.33	-127.13	-73.47	-208.17	-31.62
47532	66.34	-11.46	-4.10	-3.34	103.30	-9.14	-67.12	-143.20	-38.91
47533	65.57	-11.21	-4.10	-13.17	107.86	-47.57	-70.71	-159.95	-24.63
47534	64.82	-10.96	-4.10	-22.36	114.97	-87.16	-73.28	-179.61	-10.15
47535	77.88	-9.89	-4.10	97.40	44.86	5.21	-1.93	-7.56	-268.55
47536	76.75	-9.88	-4.10	101.18	44.99	-1.74	-6.84	-20.85	-265.26
47537	75.61	-9.86	-4.10	102.91	45.35	-9.76	-12.18	-35.14	-259.23
47538	74.49	-9.83	-4.10	102.67	45.99	-18.89	-17.84	-50.40	-250.42
47539	73.37	-9.80	-4.10	100.53	46.91	-29.21	-23.72	-66.61	-238.87
47540	72.25	-9.76	-4.10	96.59	48.17	-40.87	-29.75	-83.77	-224.63
47541	71.14	-9.71	-4.10	90.97	49.81	-54.08	-35.87	-101.91	-207.75
47542	70.03	-9.66	-4.10	83.78	51.91	-69.06	-42.03	-121.11	-188.30
47543	68.93	-9.60	-4.10	75.11	54.57	-86.01	-48.12	-141.51	-166.34
47544	67.83	-9.54	-4.10	64.97	57.92	-105.05	-53.96	-163.24	-142.05
47545	77.85	-11.68	-4.10	77.24	58.08	163.31	-6.43	-10.51	-204.12
47546	76.65	-11.64	-4.10	80.14	58.43	153.07	-11.13	-19.86	-201.62
47547	75.46	-11.58	-4.10	81.09	59.09	139.88	-16.36	-30.44	-196.85
47548	74.29	-11.50	-4.10	80.14	60.12	123.84	-21.99	-42.35	-189.76
47549	73.13	-11.40	-4.10	77.35	61.53	104.96	-27.94	-55.64	-180.36
47550	71.98	-11.28	-4.10	72.78	63.38	83.21	-34.15	-70.37	-168.64
47551	70.85	-11.15	-4.10	66.50	65.69	58.54	-40.54	-86.61	-154.61
47552	69.73	-10.99	-4.10	58.62	68.52	30.90	-47.06	-104.43	-138.28
47553	68.62	-10.82	-4.10	49.26	71.92	0.25	-53.60	-123.95	-119.73
47554	67.53	-10.63	-4.10	38.62	75.92	-33.34	-59.97	-145.30	-99.05
47555	77.82	-13.48	-4.10	57.58	78.35	318.10	-10.81	-13.43	-130.53
47556	76.57	-13.42	-4.10	59.07	78.90	305.24	-14.80	-18.80	-128.88
47557	75.34	-13.32	-4.10	58.68	79.73	287.42	-19.39	-25.58	-125.72
47558	74.12	-13.19	-4.10	56.44	80.92	264.83	-24.46	-33.95	-120.95
47559	72.92	-13.03	-4.10	52.36	82.52	237.59	-29.96	-44.06	-114.49
47560	71.75	-12.83	-4.10	46.46	84.59	205.80	-35.83	-56.01	-106.27
47561	70.59	-12.61	-4.10	38.79	87.20	169.54	-42.01	-69.86	-96.21
47562	69.46	-12.35	-4.10	29.48	90.42	128.89	-48.43	-85.70	-84.23
47563	68.35	-12.06	-4.10	18.73	94.33	83.98	-54.96	-103.64	-70.32
47564	67.26	-11.74	-4.10	6.97	98.94	35.02	-61.52	-124.09	-54.79
47565	77.80	-15.28	-4.10	39.40	106.63	471.68	-15.35	-16.53	-51.47
47566	76.50	-15.20	-4.10	39.02	107.37	456.70	-18.27	-18.19	-50.61
47567	75.23	-15.07	-4.10	36.77	108.15	434.71	-21.78	-21.30	-49.20
47568	73.98	-14.90	-4.10	32.63	109.07	405.94	-25.83	-26.12	-47.03
47569	72.74	-14.67	-4.10	26.58	110.28	370.56	-30.37	-32.85	-43.95
47570	71.54	-14.40	-4.10	18.62	111.90	328.71	-35.36	-41.62	-39.83
47571	70.36	-14.08	-4.10	8.83	114.09	280.57	-40.73	-52.53	-34.50
47572	69.21	-13.72	-4.10	-2.60	116.98	226.33	-46.37	-65.65	-27.85
47573	68.09	-13.31	-4.10	-15.27	120.75	166.27	-52.16	-81.16	-19.87
47574	67.00	-12.86	-4.10	-28.48	125.78	100.91	-57.93	-99.57	-10.44
47575	77.78	-17.07	-4.10	21.03	134.28	627.36	-21.60	-18.67	41.28
47576	76.46	-16.99	-4.10	18.30	135.60	610.40	-23.88	-16.27	41.11
47577	75.15	-16.84	-4.10	13.46	136.60	583.93	-26.58	-15.19	40.56
47578	73.86	-16.62	-4.10	6.54	137.49	548.18	-29.64	-15.76	39.79
47579	72.60	-16.34	-4.10	-2.40	138.49	503.41	-33.01	-18.24	38.89
47580	71.36	-15.99	-4.10	-13.26	139.82	449.94	-36.62	-22.87	37.94
47581	70.16	-15.58	-4.10	-25.76	141.70	388.19	-40.37	-29.89	37.02
47582	68.99	-15.11	-4.10	-39.48	144.35	318.70	-44.12	-39.58	36.11
47583	67.85	-14.58	-4.10	-53.62	147.95	242.30	-47.77	-52.39	35.23
47584	66.76	-14.00	-4.10	-67.06	152.60	160.25	-51.17	-69.20	34.30
47585	77.77	-18.88	-4.10	-15.15	153.02	685.32	-29.31	-14.02	199.89
47586	76.43	-18.79	-4.10	-20.00	155.62	668.70	-30.91	-3.15	196.44
47587	75.09	-18.61	-4.10	-26.85	157.84	641.39	-32.50	5.98	190.04
47588	73.77	-18.35	-4.10	-35.54	159.82	603.71	-33.96	12.82	180.81
47589	72.48	-18.01	-4.10	-45.83	161.73	556.06	-35.24	16.74	168.95
47590	71.22	-17.59	-4.10	-57.38	163.73	498.94	-36.30	17.14	154.72
47591	69.98	-17.09	-4.10	-69.70	165.95	433.02	-37.11	13.42	138.47
47592	68.79	-16.51	-4.10	-82.12	168.53	359.18	-37.74	4.94	120.58
47593	67.64	-15.87	-4.10	-93.75	171.53	278.52	-38.36	-8.91	101.61
47594	66.54	-15.15	-4.10	-103.29	174.93	192.59	-39.29	-28.77	82.51
47595	61.65	-9.56	-4.10	-3.26	131.55	-194.84	-69.49	-351.04	11.27
47596	62.26	-10.65	-4.10	-40.12	169.21	-181.13	-77.67	-265.84	28.97
47597	62.93	-11.69	-4.10	-79.47	183.65	-134.13	-64.08	-190.74	26.98
47598	62.66	-9.48	-4.10	-1.78	105.75	-208.78	-67.56	-297.08	0.45
47599	63.08	-10.42	-4.10	-32.73	135.28	-175.41	-74.98	-239.99	18.92
47600	63.54	-11.34	-4.10	-62.65	157.09	-127.44	-69.31	-187.72	24.74
47601	63.67	-9.40	-4.10	11.06	85.49	-191.06	-67.94	-262.92	-24.77
47602	63.90	-10.21	-4.10	-13.39	108.36	-154.10	-75.30	-226.15	-4.58
47603	64.15	-11.00	-4.10	-38.05	129.96	-113.76	-74.34	-188.46	8.47
47604	65.52	-14.37	-4.10	-108.96	178.81	105.84	-40.89	-55.60	63.18
47605	65.80	-13.39	-4.10	-76.80	157.45	80.86	-54.21	-89.62	31.64
47606	66.09	-12.43	-4.10	-39.29	130.84	40.58	-62.43	-118.33	-2.38
47607	64.59	-13.54	-4.10	-108.57	182.12	20.77	-44.98	-90.00	46.46
47608	64.97	-12.78	-4.10	-80.51	160.81	6.82	-57.81	-113.84	29.08
47609	65.35	-12.03	-4.10	-45.78	134.53	-12.68	-65.92	-136.15	4.14
47610	63.71	-12.66	-4.10	-100.38	185.04	-61.31	-52.14	-132.84	33.55
47611	64.17	-12.13	-4.10	-78.51	164.27	-64.63	-62.71	-145.04	27.25
47612	64.64	-11.61	-4.10	-49.23	136.64	-66.05	-69.48	-158.75	10.44
47613	66.76	-9.49	-5.50	102.98	52.55	-140.50	-39.67	-161.10	-124.49
47614	65.73	-9.44	-5.50	96.11	55.77	-159.75	-41.36	-182.80	-101.35
47615	64.69	-9.39	-5.50	91.05	59.78	-180.17	-41.49	-207.36	-78.47
47616	66.54	-10.47	-5.50	81.43	60.12	-85.23	-46.34	-143.45	-89.71
47617	65.64	-10.33	-5.50	77.00	63.96	-112.01	-47.85	-163.03	-72.58
47618	64.75	-10.18	-5.50	74.52	68.43	-139.25	-48.21	-185.72	-56.35
47619	66.34	-11.46	-5.50	57.38	69.65	-32.66	-49.86	-123.07	-55.17

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]
47620	65.57	-11.21	-5.50	55.72	73.06	-66.23	-51.04	-140.73	-45.12
47621	64.82	-10.96	-5.50	56.13	77.62	-99.14	-51.19	-162.48	-35.69
47622	77.88	-9.89	-5.50	138.56	46.44	-24.95	7.84	-9.22	-265.42
47623	76.75	-9.88	-5.50	141.97	46.16	-30.63	3.05	-19.92	-261.87
47624	75.61	-9.86	-5.50	143.43	46.00	-37.25	-2.02	-31.59	-255.85
47625	74.49	-9.83	-5.50	143.04	45.95	-44.88	-7.28	-44.23	-247.33
47626	73.37	-9.80	-5.50	140.88	46.06	-53.65	-12.63	-57.82	-236.35
47627	72.25	-9.76	-5.50	137.13	46.35	-63.74	-17.96	-72.37	-222.97
47628	71.14	-9.71	-5.50	131.96	46.87	-75.38	-23.18	-87.91	-207.29
47629	70.03	-9.66	-5.50	125.61	47.69	-88.80	-28.16	-104.51	-189.43
47630	68.93	-9.60	-5.50	118.38	48.91	-104.24	-32.73	-122.25	-169.56
47631	67.83	-9.54	-5.50	110.62	50.65	-121.87	-36.63	-141.28	-148.09
47632	77.85	-11.68	-5.50	113.97	44.42	119.85	2.49	-10.66	-204.96
47633	76.65	-11.64	-5.50	116.71	44.61	111.15	-2.46	-17.81	-202.15
47634	75.46	-11.58	-5.50	117.64	45.02	99.83	-7.72	-26.11	-197.27
47635	74.29	-11.50	-5.50	116.86	45.70	85.90	-13.19	-35.67	-190.31
47636	73.13	-11.40	-5.50	114.48	46.69	69.32	-18.75	-46.57	-181.29
47637	71.98	-11.28	-5.50	110.66	48.00	50.00	-24.30	-58.88	-170.25
47638	70.85	-11.15	-5.50	105.64	49.67	27.85	-29.72	-72.66	-157.26
47639	69.73	-10.99	-5.50	99.70	51.73	2.79	-34.86	-88.03	-142.45
47640	68.62	-10.82	-5.50	93.28	54.24	-25.20	-39.51	-105.16	-126.05
47641	67.53	-10.63	-5.50	86.91	57.22	-56.00	-43.42	-124.27	-108.44
47642	77.82	-13.48	-5.50	88.71	45.03	263.96	-2.71	-11.84	-135.54
47643	76.57	-13.42	-5.50	90.34	45.71	252.75	-7.50	-15.23	-133.57
47644	75.34	-13.32	-5.50	90.31	46.68	237.04	-12.58	-19.93	-130.19
47645	74.12	-13.19	-5.50	88.71	48.00	216.89	-17.87	-26.14	-125.36
47646	72.92	-13.03	-5.50	85.68	49.73	192.37	-23.27	-34.00	-119.04
47647	71.75	-12.83	-5.50	81.41	51.92	163.50	-28.66	-43.64	-111.24
47648	70.59	-12.61	-5.50	76.20	54.61	130.33	-33.92	-55.20	-101.97
47649	69.46	-12.35	-5.50	70.46	57.83	92.98	-38.89	-68.86	-91.34
47650	68.35	-12.06	-5.50	64.79	61.61	51.71	-43.37	-84.97	-79.55
47651	67.26	-11.74	-5.50	59.98	65.93	7.06	-47.13	-104.23	-67.23
47652	77.80	-15.28	-5.50	62.26	44.33	405.91	-7.91	-12.55	-56.08
47653	76.50	-15.20	-5.50	62.47	45.67	392.61	-12.38	-12.00	-55.10
47654	75.23	-15.07	-5.50	61.15	47.30	372.68	-17.06	-12.81	-53.53
47655	73.98	-14.90	-5.50	58.42	49.32	346.26	-21.85	-15.27	-51.31
47656	72.74	-14.67	-5.50	54.45	51.86	313.51	-26.67	-19.62	-48.38
47657	71.54	-14.40	-5.50	49.53	54.99	274.60	-31.41	-26.09	-44.73
47658	70.36	-14.08	-5.50	44.07	58.81	229.80	-35.93	-34.92	-40.38
47659	69.21	-13.72	-5.50	38.62	63.34	179.53	-40.12	-46.48	-35.40
47660	68.09	-13.31	-5.50	33.96	68.57	124.51	-43.85	-61.35	-29.96
47661	67.00	-12.86	-5.50	31.05	74.49	65.92	-47.02	-80.46	-24.12
47662	77.78	-17.07	-5.50	30.70	37.07	525.15	-13.14	-11.59	48.03
47663	76.46	-16.99	-5.50	29.52	39.38	510.49	-17.17	-6.04	47.31
47664	75.15	-16.84	-5.50	27.03	42.16	486.99	-21.16	-1.96	45.85
47665	73.86	-16.62	-5.50	23.43	45.55	454.93	-25.01	0.21	43.73
47666	72.60	-16.34	-5.50	19.02	49.61	414.68	-28.63	0.04	40.99
47667	71.36	-15.99	-5.50	14.18	54.40	366.71	-31.93	-2.90	37.69
47668	70.16	-15.58	-5.50	9.44	59.94	311.69	-34.87	-9.08	33.88
47669	68.99	-15.11	-5.50	5.45	66.18	250.50	-37.48	-19.09	29.61
47670	67.85	-14.58	-5.50	3.03	73.02	184.41	-39.85	-33.65	25.06
47671	66.76	-14.00	-5.50	3.13	80.20	115.22	-42.12	-53.80	20.41
47672	77.77	-18.88	-5.50	-11.53	43.20	549.65	-16.20	-8.20	184.13
47673	76.43	-18.79	-5.50	-13.25	45.79	536.24	-17.70	3.63	180.49
47674	75.09	-18.61	-5.50	-15.42	48.81	513.73	-19.09	13.53	173.64
47675	73.77	-18.35	-5.50	-17.87	52.26	482.45	-20.35	20.81	163.78
47676	72.48	-18.01	-5.50	-20.34	56.16	442.82	-21.50	24.78	151.23
47677	71.22	-17.59	-5.50	-22.55	60.57	395.38	-22.64	24.75	136.41
47678	69.98	-17.09	-5.50	-24.12	65.50	340.84	-23.89	20.07	119.82
47679	68.79	-16.51	-5.50	-24.61	70.98	280.11	-25.49	10.12	102.06
47680	67.64	-15.87	-5.50	-23.51	77.02	214.38	-27.72	-5.71	83.85
47681	66.54	-15.15	-5.50	-20.11	83.51	145.24	-30.95	-27.95	66.25
47682	65.45	-14.35	-5.50	-15.56	89.44	65.92	-34.20	-46.30	43.41
47683	62.26	-10.65	-5.50	59.49	95.75	-144.78	-56.35	-255.95	2.81
47684	62.93	-11.69	-5.50	34.10	103.30	-104.67	-55.86	-194.36	14.71
47685	62.66	-9.48	-5.50	86.18	75.98	-196.98	-40.08	-273.58	-38.42
47686	63.08	-10.42	-5.50	66.49	85.94	-156.30	-50.92	-230.64	-16.45
47687	63.54	-11.34	-5.50	43.84	94.09	-112.23	-53.26	-185.50	-2.01
47688	63.67	-9.40	-5.50	87.43	66.76	-195.48	-40.25	-237.38	-56.18
47689	63.90	-10.21	-5.50	71.20	75.87	-155.55	-48.35	-208.71	-37.05
47690	64.15	-11.00	-5.50	53.07	84.27	-114.85	-52.23	-177.30	-20.97
47691	65.52	-14.37	-5.50	-13.80	90.45	76.42	-35.24	-57.12	49.15
47692	65.80	-13.39	-5.50	6.63	86.92	50.19	-44.45	-78.53	14.61
47693	66.09	-12.43	-5.50	30.91	79.85	13.35	-49.06	-101.26	-19.95
47694	64.59	-13.54	-5.50	-3.38	96.78	10.23	-41.43	-93.54	35.07
47695	64.97	-12.78	-5.50	14.27	91.74	-8.42	-47.44	-107.28	9.68
47696	65.35	-12.03	-5.50	34.03	83.59	-31.25	-50.57	-121.93	-17.21
47697	63.71	-12.66	-5.50	11.83	102.08	-51.71	-49.07	-138.00	24.30
47698	64.17	-12.13	-5.50	25.66	95.60	-62.83	-51.09	-142.78	5.70
47699	64.64	-11.61	-5.50	40.01	85.77	-73.78	-51.82	-147.97	-15.02
47700	66.76	-9.49	-6.90	159.83	41.79	-154.70	-21.32	-141.60	-123.27
47701	65.73	-9.44	-6.90	156.01	42.76	-170.62	-21.74	-163.78	-103.80
47702	64.69	-9.39	-6.90	153.74	43.97	-185.87	-21.20	-189.45	-84.77
47703	66.54	-10.47	-6.90	140.83	39.22	-102.81	-28.52	-127.01	-90.19
47704	65.64	-10.33	-6.90	139.57	41.38	-124.75	-28.85	-147.61	-76.30
47705	64.75	-10.18	-6.90	139.75	43.68	-145.51	-28.43	-171.62	-63.25
47706	66.34	-11.46	-6.90	120.34	38.01	-53.14	-33.45	-110.55	-56.23
47707	65.57	-11.21	-6.90	121.64	40.69	-80.53	-33.71	-129.55	-48.75
47708	64.82	-10.96	-6.90	124.15	43.85	-106.28	-33.25	-152.38	-41.62
47709	77.88	-9.89	-6.90	186.69	44.49	-56.20	19.08	-9.73	-251.13
47710	76.75	-9.88	-6.90	189.84	43.78	-60.63	14.22	-17.78	-247.49
47711	75.61	-9.86	-6.90	191.21	43.14	-65.89	9.22	-26.81	-241.62
47712	74.49	-9.83	-6.90	190.90	42.55	-72.07	4.19	-36.84	-233.52
47713	73.37	-9.80	-6.90	189.03	42.04	-79.31	-0.75	-47.90	-223.22
47714	72.25	-9.76	-6.90	185.77	41.61	-87.81	-5.50	-60.06	-210.82
47715	71.14	-9.71	-6.90	181.37	41.31	-97.79	-9.93	-73.39	-196.43
47716	70.03	-9.66	-6.90	176.14	41.16	-109.47	-13.89	-88.04	-180.24
47717	68.93	-9.60	-6.90	170.44	41.24	-123.04	-17.22	-104.20	-162.50
47718	67.83	-9.54	-6.90	164.78	41.63	-138.55	-19.71	-122.14	-143.69

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]
47719	77.85	-11.68	-6.90	157.42	27.52	75.87	12.89	-9.95	-192.45
47720	76.65	-11.64	-6.90	160.22	27.47	68.69	7.68	-14.74	-189.56
47721	75.46	-11.58	-6.90	161.44	27.69	59.16	2.34	-20.69	-184.80
47722	74.29	-11.50	-6.90	161.20	28.18	47.25	-3.00	-27.95	-178.18
47723	73.13	-11.40	-6.90	159.66	28.97	32.89	-8.21	-36.63	-169.75
47724	71.98	-11.28	-6.90	157.04	30.05	15.98	-13.16	-46.86	-159.61
47725	70.85	-11.15	-6.90	153.63	31.44	-3.58	-17.70	-58.79	-147.88
47726	69.73	-10.99	-6.90	149.82	33.14	-25.82	-21.67	-72.65	-134.76
47727	68.62	-10.82	-6.90	146.06	35.14	-50.64	-24.88	-88.75	-120.58
47728	67.53	-10.63	-6.90	142.92	37.42	-77.70	-27.14	-107.46	-105.78
47729	77.82	-13.48	-6.90	126.99	11.64	207.98	6.97	-9.77	-123.29
47730	76.57	-13.42	-6.90	129.06	12.30	198.45	1.68	-10.99	-121.34
47731	75.34	-13.32	-6.90	129.80	13.41	184.78	-3.69	-13.56	-118.11
47732	74.12	-13.19	-6.90	129.37	14.99	167.01	-9.00	-17.70	-113.62
47733	72.92	-13.03	-6.90	127.95	17.09	145.16	-14.14	-23.64	-107.90
47734	71.75	-12.83	-6.90	125.84	19.70	119.28	-18.96	-31.61	-101.01
47735	70.59	-12.61	-6.90	123.40	22.82	89.48	-23.32	-41.84	-93.07
47736	69.46	-12.35	-6.90	121.08	26.40	56.02	-27.08	-54.70	-84.25
47737	68.35	-12.06	-6.90	119.44	30.38	19.41	-30.09	-70.68	-74.82
47738	67.26	-11.74	-6.90	119.10	34.66	-19.45	-32.17	-90.56	-65.42
47739	77.80	-15.28	-6.90	94.56	-4.94	332.76	1.50	-9.04	-40.80
47740	76.50	-15.20	-6.90	95.73	-3.49	321.40	-3.55	-6.33	-40.10
47741	75.23	-15.07	-6.90	95.90	-1.37	303.89	-8.56	-5.12	-39.03
47742	73.98	-14.90	-6.90	95.26	1.46	280.38	-13.40	-5.78	-37.59
47743	72.74	-14.67	-6.90	94.06	5.03	251.06	-17.97	-8.65	-35.76
47744	71.54	-14.40	-6.90	92.64	9.33	216.22	-22.17	-14.08	-33.57
47745	70.36	-14.08	-6.90	91.42	14.33	176.28	-25.90	-22.49	-31.08
47746	69.21	-13.72	-6.90	90.91	19.93	131.90	-29.10	-34.36	-28.35
47747	68.09	-13.31	-6.90	91.66	25.96	84.08	-31.75	-50.34	-25.49
47748	67.00	-12.86	-6.90	94.19	32.20	34.29	-33.83	-71.23	-22.41
47749	77.78	-17.07	-6.90	58.35	-17.85	426.74	-2.93	-7.51	59.97
47750	76.46	-16.99	-6.90	58.80	-15.75	414.61	-6.94	-0.44	58.82
47751	75.15	-16.84	-6.90	58.79	-12.77	394.65	-10.79	4.91	56.55
47752	73.86	-16.62	-6.90	58.52	-8.89	367.16	-14.40	7.99	53.25
47753	72.60	-16.34	-6.90	58.26	-4.13	332.55	-17.70	8.27	49.04
47754	71.36	-15.99	-6.90	58.34	1.45	291.37	-20.70	5.22	44.08
47755	70.16	-15.58	-6.90	59.14	7.77	244.36	-23.43	-1.69	38.54
47756	68.99	-15.11	-6.90	61.07	14.70	192.51	-25.98	-13.02	32.63
47757	67.85	-14.58	-6.90	64.58	22.05	137.15	-28.48	-29.36	26.68
47758	66.76	-14.00	-6.90	70.06	29.54	80.02	-31.01	-51.43	21.00
47759	77.77	-18.88	-6.90	17.62	-11.22	451.05	-5.21	-5.80	166.63
47760	76.43	-18.79	-6.90	17.92	-9.38	440.27	-6.37	5.00	163.38
47761	75.09	-18.61	-6.90	18.66	-6.98	421.72	-7.51	13.84	157.08
47762	73.77	-18.35	-6.90	19.96	-4.02	395.68	-8.68	20.00	148.01
47763	72.48	-18.01	-6.90	21.92	-0.47	362.51	-9.98	22.80	136.57
47764	71.22	-17.59	-6.90	24.70	3.73	322.72	-11.53	21.58	123.24
47765	69.98	-17.09	-6.90	28.46	8.62	276.95	-13.51	15.77	108.58
47766	68.79	-16.51	-6.90	33.39	14.24	226.01	-16.08	4.82	93.21
47767	67.64	-15.87	-6.90	39.72	20.62	171.02	-19.41	-11.74	77.80
47768	66.54	-15.15	-6.90	47.79	27.60	113.40	-23.59	-34.27	63.24
47769	61.65	-9.56	-6.90	143.98	49.80	-173.64	-24.77	-286.64	-27.19
47770	62.26	-10.65	-6.90	124.79	50.34	-134.73	-36.78	-238.42	-1.89
47771	62.93	-11.69	-6.90	104.74	50.81	-94.40	-40.50	-188.38	14.80
47772	62.66	-9.48	-6.90	148.36	48.13	-190.06	-21.68	-251.95	-46.76
47773	63.08	-10.42	-6.90	131.79	47.94	-147.71	-32.20	-216.44	-24.34
47774	63.54	-11.34	-6.90	113.82	48.09	-105.77	-37.31	-178.77	-6.11
47775	63.67	-9.40	-6.90	151.44	45.96	-193.85	-20.63	-219.73	-65.33
47776	63.90	-10.21	-6.90	137.54	45.90	-153.80	-29.04	-195.63	-45.85
47777	64.15	-11.00	-6.90	122.28	45.93	-114.64	-34.74	-168.92	-27.42
47778	65.52	-14.37	-6.90	57.76	35.12	56.27	-28.26	-63.03	49.10
47779	65.80	-13.39	-6.90	77.44	36.50	27.02	-33.45	-77.53	14.66
47780	66.09	-12.43	-6.90	98.26	37.52	-9.33	-35.02	-93.88	-20.60
47781	64.59	-13.54	-6.90	70.44	42.02	1.68	-33.60	-97.99	37.34
47782	64.97	-12.78	-6.90	86.99	41.74	-20.21	-35.89	-106.56	9.34
47783	65.35	-12.03	-6.90	103.73	41.25	-45.41	-35.85	-115.73	-19.67
47784	63.71	-12.66	-6.90	85.84	47.81	-49.06	-38.60	-139.31	27.27
47785	64.17	-12.13	-6.90	98.30	46.15	-63.82	-37.97	-140.65	4.49
47786	64.64	-11.61	-6.90	110.62	43.80	-79.16	-36.15	-141.97	-19.19
47787	66.76	-9.49	-8.30	219.02	30.30	-166.89	-5.32	-123.39	-110.76
47788	65.73	-9.44	-8.30	214.98	29.45	-178.71	-5.23	-145.68	-93.89
47789	64.69	-9.39	-8.30	211.42	28.35	-189.32	-4.53	-171.03	-77.08
47790	66.54	-10.47	-8.30	200.48	19.24	-118.18	-13.10	-111.80	-79.27
47791	65.64	-10.33	-8.30	199.03	20.36	-135.19	-12.97	-132.43	-67.54
47792	64.75	-10.18	-8.30	198.07	21.36	-150.79	-12.26	-155.85	-56.23
47793	66.34	-11.46	-8.30	180.92	10.25	-71.17	-19.07	-99.00	-46.39
47794	65.57	-11.21	-8.30	181.95	12.72	-93.06	-18.93	-117.77	-40.46
47795	64.82	-10.96	-8.30	183.33	15.40	-113.49	-18.13	-139.63	-34.61
47796	77.88	-9.89	-8.30	241.47	39.06	-89.18	31.37	-9.17	-225.34
47797	76.75	-9.88	-8.30	244.47	37.90	-92.37	26.19	-14.70	-221.79
47798	75.61	-9.86	-8.30	245.90	36.86	-96.27	21.04	-21.21	-216.26
47799	74.49	-9.83	-8.30	245.83	35.91	-100.96	16.03	-28.78	-208.75
47800	73.37	-9.80	-8.30	244.38	35.02	-106.58	11.27	-37.49	-199.30
47801	72.25	-9.76	-8.30	241.68	34.20	-113.30	6.88	-47.45	-188.03
47802	71.14	-9.71	-8.30	237.96	33.43	-121.31	2.99	-58.83	-175.06
47803	70.03	-9.66	-8.30	233.48	32.71	-130.77	-0.28	-71.86	-160.62
47804	68.93	-9.60	-8.30	228.57	32.04	-141.78	-2.80	-86.83	-144.97
47805	67.83	-9.54	-8.30	223.59	31.46	-154.25	-4.44	-104.09	-128.57
47806	77.85	-11.68	-8.30	207.37	8.65	30.20	24.33	-8.51	-168.30
47807	76.65	-11.64	-8.30	210.37	8.32	24.56	18.77	-11.10	-165.54
47808	75.46	-11.58	-8.30	212.08	8.39	16.84	13.26	-14.89	-161.12
47809	74.29	-11.50	-8.30	212.58	8.86	7.02	7.94	-20.04	-155.07
47810	73.13	-11.40	-8.30	212.04	9.71	-4.99	2.94	-26.75	-147.48
47811	71.98	-11.28	-8.30	210.63	10.90	-19.27	-1.60	-35.22	-138.46
47812	70.85	-11.15	-8.30	208.62	12.39	-35.84	-5.54	-45.67	-128.18
47813	69.73	-10.99	-8.30	206.29	14.12	-54.66	-8.75	-58.41	-116.86
47814	68.62	-10.82	-8.30	203.98	16.03	-75.52	-11.09	-73.80	-104.84
47815	67.53	-10.63	-8.30	202.01	18.05	-97.93	-12.45	-92.22	-92.47
47816	77.82	-13.48	-8.30	172.44	-18.44	149.35	17.69	-7.50	-100.23
47817	76.57	-13.42	-8.30	175.09	-18.01	141.62	12.07	-6.83	-98.49

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]
47818	75.34	-13.32	-8.30	176.81	-16.87	130.18	6.55	-7.59	-95.69
47819	74.12	-13.19	-8.30	177.72	-15.05	115.06	1.28	-10.06	-91.86
47820	72.92	-13.03	-8.30	177.98	-12.57	96.30	-3.62	-14.53	-87.06
47821	71.75	-12.83	-8.30	177.84	-9.47	74.00	-8.03	-21.31	-81.39
47822	70.59	-12.61	-8.30	177.57	-5.85	48.34	-11.82	-30.72	-74.98
47823	69.46	-12.35	-8.30	177.49	-1.82	19.70	-14.90	-43.13	-68.01
47824	68.35	-12.06	-8.30	177.90	2.48	-11.29	-17.16	-59.01	-60.71
47825	67.26	-11.74	-8.30	179.10	6.93	-43.65	-18.45	-78.98	-53.58
47826	77.80	-15.28	-8.30	136.37	-40.92	258.98	11.81	-6.20	-20.34
47827	76.50	-15.20	-8.30	138.52	-39.82	249.77	6.64	-2.07	-19.95
47828	75.23	-15.07	-8.30	140.20	-37.76	235.10	1.63	0.41	-19.46
47829	73.98	-14.90	-8.30	141.54	-34.76	215.14	-3.10	0.81	-18.85
47830	72.74	-14.67	-8.30	142.73	-30.87	190.11	-7.44	-1.29	-18.11
47831	71.54	-14.40	-8.30	144.02	-26.18	160.32	-11.34	-6.30	-17.21
47832	70.36	-14.08	-8.30	145.67	-20.78	126.25	-14.73	-14.65	-16.18
47833	69.21	-13.72	-8.30	147.96	-14.85	88.63	-17.60	-26.76	-15.02
47834	68.09	-13.31	-8.30	151.10	-8.58	48.47	-19.91	-43.12	-13.76
47835	67.00	-12.86	-8.30	155.23	-2.26	7.15	-21.62	-64.22	-12.25
47836	77.78	-17.07	-8.30	98.71	-53.20	341.17	7.18	-4.86	69.07
47837	76.46	-16.99	-8.30	100.45	-51.79	331.54	3.32	2.54	67.80
47838	75.15	-16.84	-8.30	102.34	-49.35	315.18	-0.37	8.10	65.23
47839	73.86	-16.62	-8.30	104.48	-45.91	292.37	-3.86	11.22	61.53
47840	72.60	-16.34	-8.30	107.02	-41.54	263.48	-7.12	11.34	56.89
47841	71.36	-15.99	-8.30	110.13	-36.32	229.02	-10.17	7.94	51.55
47842	70.16	-15.58	-8.30	114.00	-30.34	189.64	-13.07	0.54	45.76
47843	68.99	-15.11	-8.30	118.77	-23.73	146.24	-15.87	-11.27	39.79
47844	67.85	-14.58	-8.30	124.58	-16.65	100.01	-18.60	-27.88	33.97
47845	66.76	-14.00	-8.30	131.51	-9.36	52.44	-21.17	-49.69	28.54
47846	77.77	-18.88	-8.30	59.68	-47.34	375.59	4.22	-4.26	153.43
47847	76.43	-18.79	-8.30	61.27	-46.33	367.09	2.84	5.19	150.68
47848	75.09	-18.61	-8.30	63.79	-44.74	351.89	1.45	12.73	145.23
47849	73.77	-18.35	-8.30	67.25	-42.54	330.23	-0.04	17.69	137.39
47850	72.48	-18.01	-8.30	71.65	-39.70	302.40	-1.76	19.42	127.58
47851	71.22	-17.59	-8.30	77.01	-36.16	268.78	-3.83	17.35	116.28
47852	69.98	-17.09	-8.30	83.34	-31.85	229.90	-6.37	10.98	104.04
47853	68.79	-16.51	-8.30	90.65	-26.71	186.46	-9.47	-0.14	91.40
47854	67.64	-15.87	-8.30	98.97	-20.72	139.38	-13.14	-16.32	78.90
47855	66.54	-15.15	-8.30	108.38	-14.00	89.93	-17.29	-37.80	67.15
47856	61.65	-9.56	-8.30	193.33	21.61	-175.11	-6.28	-258.09	-19.80
47857	62.26	-10.65	-8.30	176.52	16.08	-134.11	-19.37	-217.37	3.95
47858	62.93	-11.69	-8.30	159.65	11.90	-93.35	-25.76	-175.30	21.65
47859	62.66	-9.48	-8.30	200.73	24.51	-188.47	-4.79	-228.24	-40.23
47860	63.08	-10.42	-8.30	185.83	18.13	-146.89	-15.75	-197.64	-18.75
47861	63.54	-11.34	-8.30	170.26	13.06	-106.48	-22.42	-165.64	0.13
47862	63.67	-9.40	-8.30	206.59	26.71	-193.48	-4.13	-199.47	-58.94
47863	63.90	-10.21	-8.30	193.69	20.51	-155.07	-12.87	-178.52	-39.95
47864	64.15	-11.00	-8.30	179.99	15.13	-117.89	-19.54	-155.65	-21.15
47865	65.52	-14.37	-8.30	118.77	-6.60	40.73	-21.26	-64.61	55.40
47866	65.80	-13.39	-8.30	139.22	-2.40	8.26	-23.23	-74.73	22.46
47867	66.09	-12.43	-8.30	159.76	3.11	-28.77	-22.41	-86.58	-11.66
47868	64.59	-13.54	-8.30	130.73	0.38	-6.53	-24.92	-96.48	45.15
47869	64.97	-12.78	-8.30	147.93	3.22	-31.38	-24.67	-101.72	17.13
47870	65.35	-12.03	-8.30	164.62	7.15	-58.38	-22.70	-107.46	-11.65
47871	63.71	-12.66	-8.30	144.03	6.68	-51.18	-27.20	-133.13	35.28
47872	64.17	-12.13	-8.30	157.36	8.38	-68.52	-25.10	-132.51	11.79
47873	64.64	-11.61	-8.30	170.08	10.39	-86.24	-22.13	-131.81	-12.10
47874	90.13	-9.49	-2.70	-115.34	24.74	-29.49	-17.75	104.28	-130.30
47875	91.17	-9.45	-2.70	-145.21	19.18	-59.58	-25.76	109.06	-108.26
47876	92.20	-9.40	-2.70	-179.84	12.01	-99.85	-34.99	113.79	-84.76
47877	90.34	-10.49	-2.70	-114.74	42.78	46.49	-23.86	79.82	-96.69
47878	91.24	-10.34	-2.70	-140.96	37.22	9.23	-30.63	86.06	-80.97
47879	92.14	-10.19	-2.70	-171.49	30.48	-36.15	-38.10	93.09	-64.20
47880	90.53	-11.48	-2.70	-113.33	65.67	120.93	-31.83	57.03	-59.02
47881	91.30	-11.24	-2.70	-136.45	58.73	77.16	-37.01	64.40	-50.60
47882	92.06	-10.98	-2.70	-163.20	51.85	27.16	-43.07	73.29	-40.86
47883	79.02	-9.90	-2.70	56.86	37.92	42.79	-5.26	10.06	-261.80
47884	80.14	-9.88	-2.70	48.91	37.83	46.95	-1.39	23.64	-259.10
47885	81.27	-9.87	-2.70	38.99	37.91	49.40	1.57	36.25	-253.63
47886	82.40	-9.84	-2.70	27.09	38.03	49.99	3.50	47.94	-245.48
47887	83.52	-9.81	-2.70	13.19	38.02	48.50	4.30	58.74	-234.83
47888	84.63	-9.77	-2.70	-2.76	37.73	44.65	3.89	68.64	-221.89
47889	85.75	-9.72	-2.70	-20.80	36.96	38.01	2.19	77.63	-206.88
47890	86.86	-9.67	-2.70	-40.99	35.51	28.01	-0.83	85.69	-190.03
47891	87.96	-9.62	-2.70	-63.43	33.17	13.87	-5.18	92.82	-171.58
47892	89.06	-9.55	-2.70	-88.36	29.72	-5.45	-10.90	99.05	-151.81
47893	79.04	-11.69	-2.70	41.73	64.12	216.51	-9.46	0.84	-190.18
47894	80.22	-11.66	-2.70	35.26	63.65	218.00	-6.33	9.93	-188.82
47895	81.40	-11.60	-2.70	26.99	63.28	215.67	-4.08	18.38	-185.39
47896	82.56	-11.53	-2.70	16.86	62.88	209.54	-2.77	26.39	-179.96
47897	83.72	-11.43	-2.70	4.81	62.26	199.53	-2.48	34.17	-172.63
47898	84.87	-11.32	-2.70	-9.30	61.26	185.52	-3.26	41.83	-163.54
47899	86.00	-11.18	-2.70	-25.58	59.64	167.27	-5.17	49.46	-152.83
47900	87.13	-11.02	-2.70	-44.23	57.20	144.40	-8.22	57.11	-140.66
47901	88.24	-10.85	-2.70	-65.46	53.66	116.33	-12.42	64.87	-127.20
47902	89.34	-10.66	-2.70	-89.59	48.69	82.15	-17.81	72.78	-112.58
47903	79.07	-13.48	-2.70	29.12	101.77	384.73	-14.10	-8.50	-106.99
47904	80.30	-13.43	-2.70	24.35	100.66	384.06	-12.28	-3.69	-107.00
47905	81.52	-13.35	-2.70	17.88	99.46	377.46	-11.23	0.80	-105.91
47906	82.72	-13.22	-2.70	9.60	98.04	365.10	-10.95	5.36	-103.67
47907	83.91	-13.07	-2.70	-0.60	96.21	347.04	-11.47	10.30	-100.31
47908	85.09	-12.87	-2.70	-12.94	93.79	323.31	-12.83	15.87	-95.86
47909	86.25	-12.65	-2.70	-27.65	90.57	293.86	-15.04	22.24	-90.36
47910	87.39	-12.39	-2.70	-45.02	86.33	258.47	-18.14	29.58	-83.82
47911	88.51	-12.09	-2.70	-65.46	80.80	216.75	-22.12	38.02	-76.27
47912	89.60	-11.77	-2.70	-89.48	73.54	167.86	-26.89	47.84	-67.91
47913	79.09	-15.28	-2.70	20.81	157.57	545.73	-19.57	-18.21	-12.23
47914	80.36	-15.22	-2.70	17.90	155.56	543.32	-19.75	-17.27	-13.61
47915	81.62	-15.10	-2.70	13.29	153.03	533.07	-20.49	-16.34	-15.05
47916	82.87	-14.93	-2.70	6.86	149.85	515.22	-21.73	-14.89	-16.40

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]
47917	84.09	-14.71	-2.70	-1.61	145.88	489.96	-23.44	-12.48	-17.59
47918	85.30	-14.44	-2.70	-12.40	140.96	457.42	-25.61	-8.76	-18.54
47919	86.48	-14.12	-2.70	-25.88	134.90	417.65	-28.23	-3.45	-19.12
47920	87.64	-13.76	-2.70	-42.49	127.52	370.58	-31.33	3.66	-19.18
47921	88.76	-13.35	-2.70	-62.81	118.59	315.91	-34.92	12.77	-18.55
47922	89.86	-12.89	-2.70	-87.52	107.90	252.80	-38.99	24.06	-16.87
47923	79.11	-17.08	-2.70	23.80	245.72	728.25	-27.05	-28.96	87.36
47924	80.42	-17.00	-2.70	22.89	242.32	724.75	-29.80	-30.78	84.75
47925	81.71	-16.86	-2.70	20.05	237.59	711.21	-32.80	-32.34	81.00
47926	82.99	-16.64	-2.70	15.08	231.42	687.87	-35.93	-33.06	76.28
47927	84.25	-16.36	-2.70	7.67	223.72	654.91	-39.06	-32.45	70.76
47928	85.49	-16.02	-2.70	-2.60	214.40	612.50	-42.14	-30.10	64.67
47929	86.70	-15.61	-2.70	-16.23	203.36	560.70	-45.14	-25.67	58.26
47930	87.87	-15.14	-2.70	-33.80	190.50	499.45	-48.09	-18.96	51.81
47931	89.01	-14.61	-2.70	-55.99	175.70	428.51	-51.10	-9.82	45.62
47932	90.11	-14.02	-2.70	-83.66	158.84	347.34	-54.22	2.09	39.91
47933	79.12	-18.88	-2.70	35.84	422.21	869.70	-44.39	-38.44	249.19
47934	80.46	-18.79	-2.70	37.47	416.08	863.71	-50.56	-45.59	245.67
47935	81.79	-18.62	-2.70	36.18	406.40	845.44	-56.61	-52.34	239.26
47936	83.11	-18.36	-2.70	31.71	393.17	815.21	-62.22	-58.09	230.16
47937	84.40	-18.02	-2.70	23.73	376.50	773.28	-67.15	-62.22	218.50
47938	85.67	-17.60	-2.70	11.77	356.57	719.96	-71.23	-64.15	204.45
47939	86.90	-17.10	-2.70	-4.69	333.58	655.57	-74.40	-63.30	188.20
47940	88.09	-16.53	-2.70	-26.20	307.73	580.46	-76.70	-59.11	169.95
47941	89.24	-15.88	-2.70	-53.34	279.22	495.00	-78.29	-51.03	149.88
47942	90.35	-15.15	-2.70	-86.60	248.41	399.47	-79.54	-38.68	128.53
47943	95.25	-9.56	-2.70	-370.46	6.56	-292.52	-85.45	160.52	-12.29
47944	94.64	-10.65	-2.70	-319.06	51.94	-164.81	-84.45	116.52	4.91
47945	93.97	-11.70	-2.70	-269.50	97.82	-42.53	-84.47	74.39	27.49
47946	94.23	-9.48	-2.70	-277.97	0.11	-220.75	-61.83	125.84	-26.72
47947	93.81	-10.43	-2.70	-248.77	32.89	-119.14	-62.54	98.92	-12.06
47948	93.35	-11.35	-2.70	-220.38	67.75	-18.79	-64.70	73.34	6.10
47949	93.22	-9.41	-2.70	-222.61	5.21	-149.36	-46.54	119.20	-56.83
47950	92.99	-10.22	-2.70	-206.45	27.93	-76.61	-48.29	97.26	-40.76
47951	92.74	-11.01	-2.70	-189.80	52.90	-3.86	-51.06	76.11	-22.07
47952	91.37	-14.38	-2.70	-125.47	215.95	297.48	-80.93	-21.07	104.96
47953	91.08	-13.41	-2.70	-114.54	140.67	262.61	-57.33	16.15	33.31
47954	90.78	-12.46	-2.70	-113.18	97.06	191.03	-43.16	35.72	-15.47
47955	92.31	-13.55	-2.70	-168.75	180.27	190.19	-81.45	3.48	80.08
47956	91.91	-12.80	-2.70	-147.08	120.22	175.43	-60.28	31.30	26.45
47957	91.52	-12.05	-2.70	-137.68	85.80	132.22	-47.00	46.34	-14.52
47958	93.19	-12.67	-2.70	-217.62	142.81	76.36	-82.64	34.33	54.61
47959	92.71	-12.14	-2.70	-185.00	98.48	80.54	-63.49	49.92	19.74
47960	92.24	-11.62	-2.70	-166.21	72.05	66.73	-50.98	59.43	-13.21
47961	90.12	-9.50	-4.10	-68.89	29.82	-61.81	-4.92	73.76	-158.68
47962	91.16	-9.45	-4.10	-92.74	24.93	-91.35	-12.10	75.13	-140.51
47963	92.20	-9.40	-4.10	-117.14	19.28	-129.88	-20.88	75.87	-122.13
47964	90.31	-10.51	-4.10	-70.95	39.48	9.64	-9.13	51.81	-129.12
47965	91.22	-10.36	-4.10	-91.10	34.98	-26.41	-15.29	54.65	-116.91
47966	92.12	-10.20	-4.10	-111.90	30.03	-69.36	-22.60	57.84	-104.92
47967	90.50	-11.51	-4.10	-73.15	50.89	79.09	-14.20	31.06	-96.96
47968	91.27	-11.26	-4.10	-90.03	45.88	37.10	-19.06	34.98	-91.33
47969	92.04	-10.99	-4.10	-107.27	41.39	-9.75	-25.21	40.42	-85.61
47970	79.01	-9.90	-4.10	91.74	44.79	10.58	2.46	4.81	-269.14
47971	80.14	-9.89	-4.10	84.15	44.80	14.23	6.18	16.08	-267.33
47972	81.26	-9.87	-4.10	74.56	44.78	16.38	9.11	26.39	-262.99
47973	82.38	-9.85	-4.10	63.00	44.66	16.86	11.18	35.77	-256.29
47974	83.50	-9.82	-4.10	49.47	44.32	15.39	12.27	44.21	-247.38
47975	84.62	-9.78	-4.10	34.02	43.63	11.64	12.32	51.71	-236.46
47976	85.73	-9.74	-4.10	16.70	42.45	5.11	11.25	58.24	-223.71
47977	86.84	-9.69	-4.10	-2.42	40.62	-4.78	9.03	63.77	-209.36
47978	87.95	-9.63	-4.10	-23.26	38.01	-18.82	5.60	68.25	-193.65
47979	89.05	-9.56	-4.10	-45.71	34.54	-37.98	0.89	71.65	-176.93
47980	79.03	-11.69	-4.10	72.67	57.83	169.42	-2.28	-2.29	-204.79
47981	80.20	-11.67	-4.10	66.50	57.66	171.24	1.17	4.89	-203.94
47982	81.36	-11.62	-4.10	58.51	57.46	169.60	3.84	11.41	-201.27
47983	82.52	-11.55	-4.10	48.68	57.14	164.41	5.70	17.44	-196.90
47984	83.67	-11.46	-4.10	36.98	56.58	155.51	6.67	23.11	-190.95
47985	84.82	-11.35	-4.10	23.39	55.61	142.69	6.68	28.51	-183.52
47986	85.96	-11.21	-4.10	7.87	54.08	125.67	5.68	33.71	-174.74
47987	87.09	-11.06	-4.10	-9.57	51.82	104.00	3.62	38.73	-164.76
47988	88.20	-10.88	-4.10	-28.91	48.68	77.10	0.43	43.58	-153.77
47989	89.31	-10.68	-4.10	-50.04	44.49	44.21	-3.97	48.24	-141.99
47990	79.05	-13.49	-4.10	54.48	77.79	324.59	-7.36	-9.19	-131.38
47991	80.26	-13.45	-4.10	49.90	77.16	324.60	-4.52	-5.81	-131.65
47992	81.47	-13.37	-4.10	43.60	76.40	319.25	-2.40	-2.82	-130.94
47993	82.66	-13.26	-4.10	35.52	75.41	308.51	-0.98	0.09	-129.36
47994	83.85	-13.10	-4.10	25.59	74.06	292.35	-0.29	3.16	-126.94
47995	85.03	-12.91	-4.10	13.72	72.20	270.68	-0.37	6.57	-123.69
47996	86.19	-12.69	-4.10	-0.18	69.69	243.35	-1.30	10.45	-119.63
47997	87.33	-12.43	-4.10	-16.18	66.36	210.10	-3.13	14.87	-114.79
47998	88.46	-12.13	-4.10	-34.29	62.07	170.51	-5.95	19.92	-109.23
47999	89.56	-11.80	-4.10	-54.42	56.68	124.01	-9.86	25.86	-103.30
48000	79.08	-15.29	-4.10	38.07	105.65	478.34	-12.93	-15.89	-52.54
48001	80.33	-15.23	-4.10	35.19	104.25	476.67	-10.93	-15.88	-53.91
48002	81.57	-15.12	-4.10	30.55	102.44	467.80	-9.51	-16.04	-55.20
48003	82.81	-14.96	-4.10	24.07	100.14	451.70	-8.59	-15.96	-56.45
48004	84.03	-14.75	-4.10	15.63	97.24	428.42	-8.17	-15.33	-57.64
48005	85.23	-14.48	-4.10	5.11	93.66	397.96	-8.30	-13.91	-58.67
48006	86.42	-14.16	-4.10	-7.65	89.30	360.27	-9.03	-11.51	-59.47
48007	87.58	-13.80	-4.10	-22.70	84.08	315.20	-10.50	-8.02	-59.97
48008	88.72	-13.38	-4.10	-40.06	77.93	262.49	-12.84	-3.29	-60.16
48009	89.82	-12.92	-4.10	-59.55	70.84	201.85	-16.27	3.03	-59.93
48010	79.10	-17.08	-4.10	21.73	132.47	633.98	-19.62	-21.94	40.31
48011	80.39	-17.01	-4.10	20.50	129.98	630.33	-17.89	-25.70	38.17
48012	81.67	-16.87	-4.10	17.21	126.84	617.15	-16.56	-29.42	35.26
48013	82.95	-16.66	-4.10	11.78	122.98	594.54	-15.58	-32.73	31.47
48014	84.20	-16.39	-4.10	4.11	118.37	562.63	-14.96	-35.27	26.85
48015	85.44	-16.04	-4.10	-5.88	113.00	521.57	-14.80	-36.71	21.45

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]
48016	86.65	-15.64	-4.10	-18.24	106.89	471.54	-15.22	-36.73	15.33
48017	87.83	-15.17	-4.10	-32.92	100.04	412.69	-16.41	-35.03	8.46
48018	88.97	-14.63	-4.10	-49.71	92.45	345.26	-18.61	-31.24	0.83
48019	90.08	-14.04	-4.10	-68.22	84.09	269.64	-22.08	-24.70	-7.64
48020	79.12	-18.88	-4.10	-12.44	150.15	691.04	-27.76	-26.11	199.98
48021	80.45	-18.79	-4.10	-11.75	146.70	685.93	-26.23	-38.08	196.42
48022	81.78	-18.62	-4.10	-13.21	142.70	670.30	-24.95	-49.64	189.44
48023	83.09	-18.37	-4.10	-16.86	138.07	644.39	-23.99	-60.08	179.13
48024	84.38	-18.03	-4.10	-22.69	132.78	608.51	-23.45	-68.71	165.65
48025	85.65	-17.61	-4.10	-30.66	126.83	563.05	-23.43	-74.87	149.16
48026	86.88	-17.11	-4.10	-40.65	120.20	508.47	-24.10	-77.92	129.89
48027	88.08	-16.54	-4.10	-52.46	112.86	445.31	-25.59	-77.21	108.13
48028	89.23	-15.88	-4.10	-65.80	104.75	374.18	-28.05	-72.14	84.19
48029	90.34	-15.16	-4.10	-80.22	95.76	295.83	-31.60	-62.20	58.77
48030	95.25	-9.56	-4.10	-167.62	16.47	-250.92	-63.66	116.58	-89.17
48031	94.64	-10.65	-4.10	-152.21	33.65	-149.22	-58.07	75.59	-70.99
48032	93.96	-11.70	-4.10	-137.56	49.31	-52.31	-52.92	37.91	-48.61
48033	94.23	-9.48	-4.10	-157.98	14.19	-222.35	-48.09	87.52	-89.53
48034	93.81	-10.44	-4.10	-144.32	30.10	-132.32	-45.42	61.83	-75.75
48035	93.34	-11.36	-4.10	-131.97	44.72	-45.89	-42.68	36.65	-58.25
48036	93.22	-9.41	-4.10	-140.50	14.86	-174.95	-32.65	78.06	-102.64
48037	92.98	-10.23	-4.10	-130.67	27.79	-105.73	-32.61	59.15	-89.59
48038	92.72	-11.03	-4.10	-121.58	40.40	-37.81	-32.42	40.05	-73.96
48039	91.36	-14.38	-4.10	-94.83	86.42	213.73	-36.39	-46.49	31.61
48040	91.05	-13.43	-4.10	-86.23	75.86	192.91	-26.68	-15.19	-18.16
48041	90.75	-12.48	-4.10	-77.93	64.13	142.70	-20.44	9.93	-60.57
48042	92.30	-13.56	-4.10	-109.01	75.47	128.91	-41.44	-24.64	4.57
48043	91.89	-12.81	-4.10	-102.29	66.84	116.80	-31.70	-2.76	-29.56
48044	91.50	-12.07	-4.10	-93.59	57.53	86.92	-24.75	16.65	-62.12
48045	93.18	-12.67	-4.10	-123.30	63.38	40.15	-47.12	2.65	-22.05
48046	92.70	-12.15	-4.10	-118.03	57.34	37.06	-37.58	13.94	-41.83
48047	92.22	-11.64	-4.10	-109.36	49.68	26.76	-29.90	26.17	-64.26
48048	90.12	-9.50	-5.50	-6.43	33.93	-94.46	13.17	49.80	-173.14
48049	91.16	-9.45	-5.50	-22.35	29.85	-122.30	7.66	52.03	-157.96
48050	92.20	-9.40	-5.50	-35.80	25.26	-156.70	1.01	55.77	-143.18
48051	90.31	-10.51	-5.50	-10.99	33.30	-28.49	10.34	30.59	-144.61
48052	91.22	-10.36	-5.50	-23.43	30.17	-61.91	5.65	34.17	-134.98
48053	92.12	-10.20	-5.50	-34.17	26.77	-100.07	0.16	39.74	-126.03
48054	90.50	-11.51	-5.50	-15.61	32.52	35.12	7.06	12.01	-112.79
48055	91.27	-11.26	-5.50	-24.93	29.98	-3.46	3.41	16.63	-109.34
48056	92.04	-10.99	-5.50	-32.93	27.78	-45.05	-1.19	24.09	-106.22
48057	79.01	-9.90	-5.50	133.35	46.68	-20.66	12.20	0.60	-266.53
48058	80.14	-9.89	-5.50	126.24	46.95	-17.87	16.03	9.37	-265.49
48059	81.26	-9.87	-5.50	117.26	47.12	-16.38	19.25	17.20	-262.16
48060	82.38	-9.85	-5.50	106.44	47.11	-16.38	21.76	24.12	-256.70
48061	83.50	-9.82	-5.50	93.85	46.83	-18.17	23.46	30.16	-249.24
48062	84.62	-9.78	-5.50	79.62	46.18	-22.12	24.27	35.33	-239.95
48063	85.73	-9.74	-5.50	63.92	45.06	-28.73	24.14	39.66	-229.03
48064	86.84	-9.69	-5.50	47.00	43.36	-38.63	22.99	43.18	-216.68
48065	87.95	-9.63	-5.50	29.19	41.01	-52.55	20.80	45.96	-203.16
48066	89.05	-9.56	-5.50	10.96	38.00	-71.37	17.48	48.11	-188.84
48067	79.03	-11.69	-5.50	109.65	44.36	124.87	6.98	-4.62	-206.09
48068	80.20	-11.67	-5.50	103.82	44.46	126.03	10.92	0.43	-205.89
48069	81.36	-11.62	-5.50	96.31	44.56	124.11	14.26	4.80	-204.04
48070	82.52	-11.55	-5.50	87.13	44.58	118.99	16.92	8.65	-200.65
48071	83.67	-11.46	-5.50	76.35	44.41	110.46	18.80	12.11	-195.81
48072	84.82	-11.35	-5.50	64.02	43.92	98.26	19.85	15.29	-189.67
48073	85.96	-11.21	-5.50	50.31	43.01	82.04	19.98	18.29	-182.34
48074	87.09	-11.06	-5.50	35.41	41.57	61.35	19.13	21.22	-174.00
48075	88.20	-10.88	-5.50	19.68	39.51	35.63	17.21	24.22	-164.87
48076	89.31	-10.68	-5.50	3.57	36.79	4.24	14.15	27.49	-155.25
48077	79.05	-13.49	-5.50	85.65	44.55	269.38	1.63	-9.55	-136.72
48078	80.26	-13.45	-5.50	81.24	44.26	268.86	5.47	-8.10	-137.42
48079	81.47	-13.37	-5.50	75.29	44.00	263.46	8.77	-7.07	-137.24
48080	82.66	-13.26	-5.50	67.80	43.68	253.10	11.47	-6.22	-136.23
48081	83.85	-13.10	-5.50	58.80	43.22	237.66	13.49	-5.32	-134.45
48082	85.03	-12.91	-5.50	48.34	42.50	217.01	14.76	-4.16	-131.96
48083	86.19	-12.69	-5.50	36.55	41.43	190.93	15.19	-2.59	-128.82
48084	87.33	-12.43	-5.50	23.63	39.92	159.15	14.67	-0.40	-125.13
48085	88.46	-12.13	-5.50	9.95	37.91	121.34	13.09	2.67	-121.06
48086	89.56	-11.80	-5.50	-3.98	35.42	77.24	10.33	7.21	-117.09
48087	79.08	-15.29	-5.50	60.65	43.26	411.44	-3.78	-14.12	-57.21
48088	80.33	-15.23	-5.50	57.75	42.39	409.16	-0.05	-16.33	-58.73
48089	81.57	-15.12	-5.50	53.35	41.57	400.03	3.24	-18.75	-60.17
48090	82.81	-14.96	-5.50	47.48	40.75	384.05	6.03	-21.06	-61.59
48091	84.03	-14.75	-5.50	40.16	39.87	361.21	8.21	-22.93	-63.03
48092	85.23	-14.48	-5.50	31.47	38.87	331.49	9.70	-24.08	-64.50
48093	86.42	-14.16	-5.50	21.56	37.71	294.89	10.36	-24.23	-66.06
48094	87.58	-13.80	-5.50	10.69	36.33	251.41	10.07	-23.06	-67.80
48095	88.72	-13.38	-5.50	-0.73	34.69	201.11	8.69	-20.10	-69.83
48096	89.82	-12.92	-5.50	-12.19	32.69	144.25	6.08	-14.64	-72.20
48097	79.10	-17.08	-5.50	30.57	35.29	530.36	-9.24	-18.18	47.30
48098	80.39	-17.01	-5.50	29.23	33.93	526.15	-5.62	-25.15	44.94
48099	81.67	-16.87	-5.50	26.52	32.91	513.12	-2.36	-32.05	41.35
48100	82.95	-16.66	-5.50	22.48	32.17	491.41	0.39	-38.45	36.48
48101	84.20	-16.39	-5.50	17.18	31.65	461.21	2.53	-43.87	30.31
48102	85.44	-16.04	-5.50	10.76	31.27	422.79	3.91	-47.85	22.84
48103	86.65	-15.64	-5.50	3.45	30.96	376.49	4.42	-49.89	14.05
48104	87.83	-15.17	-5.50	-4.46	30.62	322.77	3.95	-49.48	3.93
48105	88.97	-14.63	-5.50	-12.59	30.08	262.27	2.44	-46.00	-7.46
48106	90.08	-14.04	-5.50	-20.49	29.17	195.87	-0.11	-38.66	-20.03
48107	79.12	-18.88	-5.50	-10.42	41.14	553.82	-14.72	-21.23	184.14
48108	80.45	-18.79	-5.50	-9.81	39.26	548.84	-13.31	-34.25	180.31
48109	81.78	-18.62	-5.50	-9.87	37.62	534.95	-12.03	-46.81	172.75
48110	83.09	-18.37	-5.50	-10.62	36.20	512.37	-10.99	-58.11	161.65
48111	84.38	-18.03	-5.50	-12.03	34.95	481.40	-10.24	-67.43	147.20
48112	85.65	-17.61	-5.50	-14.07	33.80	442.45	-9.82	-74.04	129.67
48113	86.88	-17.11	-5.50	-16.66	32.67	396.01	-9.77	-77.29	109.38
48114	88.08	-16.54	-5.50	-19.70	31.47	342.66	-10.09	-76.56	86.77

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]
48115	89.23	-15.88	-5.50	-23.11	30.10	283.10	-10.74	-71.31	62.32
48116	90.34	-15.16	-5.50	-26.76	28.41	218.14	-11.69	-61.17	36.82
48117	95.25	-9.56	-5.50	-53.77	13.14	-230.32	-17.38	106.08	-105.43
48118	94.64	-10.65	-5.50	-48.41	16.06	-146.46	-16.00	67.62	-87.12
48119	93.96	-11.70	-5.50	-43.19	18.81	-66.61	-15.34	32.97	-65.23
48120	94.23	-9.48	-5.50	-49.01	17.85	-218.01	-14.20	81.11	-116.34
48121	93.81	-10.44	-5.50	-44.95	20.42	-140.63	-12.44	54.31	-100.15
48122	93.34	-11.36	-5.50	-41.23	22.28	-67.34	-11.12	28.92	-80.50
48123	93.22	-9.41	-5.50	-44.62	21.25	-191.14	-6.96	64.84	-128.03
48124	92.98	-10.23	-5.50	-41.17	23.59	-127.78	-6.43	46.38	-113.81
48125	92.72	-11.03	-5.50	-38.49	25.08	-66.93	-5.83	27.51	-96.58
48126	91.36	-14.38	-5.50	-30.52	26.79	150.61	-12.98	-45.66	10.22
48127	91.05	-13.43	-5.50	-27.27	28.24	130.13	-3.24	-27.53	-34.25
48128	90.75	-12.48	-5.50	-21.72	30.85	90.08	2.75	-7.36	-75.68
48129	92.30	-13.56	-5.50	-34.34	24.30	81.27	-13.90	-24.87	-15.48
48130	91.89	-12.81	-5.50	-32.46	26.48	66.51	-6.15	-13.15	-48.38
48131	91.50	-12.07	-5.50	-28.51	28.96	40.55	-0.42	0.72	-79.91
48132	93.18	-12.67	-5.50	-38.66	21.46	8.98	-14.71	0.67	-40.31
48133	92.70	-12.15	-5.50	-37.29	24.30	1.15	-9.07	5.44	-62.62
48134	92.22	-11.64	-5.50	-34.39	26.37	-11.08	-3.99	12.46	-84.67
48135	90.12	-9.50	-6.90	63.75	40.59	-125.27	35.30	33.01	-172.38
48136	91.16	-9.45	-6.90	52.90	38.07	-149.43	31.99	38.11	-159.12
48137	92.20	-9.40	-6.90	44.50	35.21	-177.19	28.24	46.15	-146.00
48138	90.31	-10.51	-6.90	56.39	31.51	-64.88	32.81	16.70	-143.58
48139	91.22	-10.36	-6.90	48.63	30.57	-93.88	30.13	22.67	-135.59
48140	92.12	-10.20	-6.90	42.47	29.49	-125.33	27.19	31.50	-128.00
48141	90.50	-11.51	-6.90	49.23	22.44	-7.45	29.66	1.04	-111.18
48142	91.27	-11.26	-6.90	44.21	22.88	-40.83	27.81	7.60	-109.21
48143	92.04	-10.99	-6.90	40.32	23.57	-75.59	25.49	17.42	-107.35
48144	79.01	-9.90	-6.90	181.90	45.17	-52.97	23.64	-2.53	-252.56
48145	80.14	-9.89	-6.90	175.40	45.91	-51.07	27.84	3.68	-252.05
48146	81.26	-9.87	-6.90	167.22	46.54	-50.29	31.57	9.02	-249.48
48147	82.38	-9.85	-6.90	157.42	47.03	-50.84	34.75	13.55	-244.96
48148	83.50	-9.82	-6.90	146.13	47.31	-52.99	37.27	17.34	-238.64
48149	84.62	-9.78	-6.90	133.53	47.29	-57.14	39.05	20.47	-230.66
48150	85.73	-9.74	-6.90	119.87	46.90	-63.75	40.05	23.07	-221.20
48151	86.84	-9.69	-6.90	105.49	46.10	-73.38	40.18	25.31	-210.46
48152	87.95	-9.63	-6.90	90.85	44.83	-86.68	39.42	27.45	-198.67
48153	89.05	-9.56	-6.90	76.55	43.15	-104.28	37.74	29.87	-186.22
48154	79.03	-11.69	-6.90	153.30	27.83	79.76	17.82	-6.22	-193.83
48155	80.20	-11.67	-6.90	147.93	28.50	80.19	22.35	-3.44	-194.04
48156	81.36	-11.62	-6.90	141.13	29.30	77.87	26.42	-1.28	-192.75
48157	82.52	-11.55	-6.90	132.96	30.16	72.65	29.95	0.41	-190.07
48158	83.67	-11.46	-6.90	123.54	31.01	64.33	32.83	1.80	-186.10
48159	84.82	-11.35	-6.90	113.01	31.77	52.62	34.98	3.08	-180.98
48160	85.96	-11.21	-6.90	101.63	32.35	37.18	36.32	4.45	-174.84
48161	87.09	-11.06	-6.90	89.71	32.68	17.62	36.79	6.17	-167.88
48162	88.20	-10.88	-6.90	77.70	32.74	-6.45	36.31	8.60	-160.34
48163	89.31	-10.68	-6.90	66.14	32.51	-35.38	34.87	12.20	-152.50
48164	79.05	-13.49	-6.90	123.86	11.50	212.23	12.01	-9.66	-124.59
48165	80.26	-13.45	-6.90	119.74	11.91	211.05	16.68	-10.33	-125.54
48166	81.47	-13.37	-6.90	114.44	12.65	205.38	20.94	-11.40	-125.72
48167	82.66	-13.26	-6.90	107.99	13.66	195.13	24.68	-12.60	-125.19
48168	83.85	-13.10	-6.90	100.50	14.87	180.17	27.81	-13.65	-124.06
48169	85.03	-12.91	-6.90	92.14	16.22	160.37	30.24	-14.28	-122.41
48170	86.19	-12.69	-6.90	83.13	17.63	135.55	31.88	-14.20	-120.37
48171	87.33	-12.43	-6.90	73.79	19.06	105.58	32.63	-13.03	-118.06
48172	88.46	-12.13	-6.90	64.53	20.42	70.39	32.43	-10.28	-115.70
48173	89.56	-11.80	-6.90	55.84	21.75	30.13	31.25	-5.16	-113.72
48174	79.08	-15.29	-6.90	92.55	-5.61	337.01	6.39	-12.84	-41.89
48175	80.33	-15.23	-6.90	89.82	-5.53	334.08	10.98	-17.22	-43.58
48176	81.57	-15.12	-6.90	86.13	-4.86	324.82	15.22	-21.76	-45.45
48177	82.81	-14.96	-6.90	81.55	-3.65	309.23	18.98	-26.06	-47.55
48178	84.03	-14.75	-6.90	76.19	-1.97	287.34	22.15	-29.74	-49.96
48179	85.23	-14.48	-6.90	70.23	0.14	259.21	24.64	-32.39	-52.75
48180	86.42	-14.16	-6.90	63.90	2.60	224.94	26.35	-33.59	-55.98
48181	87.58	-13.80	-6.90	57.48	5.32	184.77	27.21	-32.86	-59.74
48182	88.72	-13.38	-6.90	51.31	8.19	139.10	27.21	-29.60	-64.12
48183	89.82	-12.92	-6.90	45.71	11.05	88.58	26.36	-23.06	-68.97
48184	79.10	-17.08	-6.90	57.46	-18.95	430.52	1.03	-15.72	59.30
48185	80.39	-17.01	-6.90	56.23	-19.18	426.00	4.80	-24.26	56.64
48186	81.67	-16.87	-6.90	54.49	-18.56	413.69	8.32	-32.63	52.33
48187	82.95	-16.66	-6.90	52.27	-17.17	393.73	11.46	-40.30	46.35
48188	84.20	-16.39	-6.90	49.67	-15.08	366.37	14.12	-46.68	38.74
48189	85.44	-16.04	-6.90	46.83	-12.37	331.91	16.22	-51.24	29.54
48190	86.65	-15.64	-6.90	43.91	-9.16	290.81	17.74	-53.42	18.82
48191	87.83	-15.17	-6.90	41.09	-5.57	243.63	18.69	-52.66	6.72
48192	88.97	-14.63	-6.90	38.52	-1.76	191.14	19.10	-48.43	-6.54
48193	90.08	-14.04	-6.90	36.33	2.12	134.29	19.05	-40.12	-20.66
48194	79.12	-18.88	-6.90	17.68	-12.38	453.93	-4.07	-17.78	166.41
48195	80.45	-18.79	-6.90	18.19	-13.22	448.98	-2.91	-29.87	162.59
48196	81.78	-18.62	-6.90	18.99	-13.60	436.40	-1.74	-41.52	155.24
48197	83.09	-18.37	-6.90	20.00	-13.50	416.40	-0.54	-51.96	144.53
48198	84.38	-18.03	-6.90	21.17	-12.93	389.25	0.69	-60.48	130.70
48199	85.65	-17.61	-6.90	22.47	-11.86	355.30	2.00	-66.39	114.05
48200	86.88	-17.11	-6.90	23.84	-10.32	314.98	3.41	-69.10	94.95
48201	88.08	-16.54	-6.90	25.22	-8.29	268.83	4.96	-68.08	73.85
48202	89.23	-15.88	-6.90	26.52	-5.78	217.49	6.66	-62.91	51.24
48203	90.34	-15.16	-6.90	27.67	-2.85	161.66	8.53	-53.35	27.85
48204	95.25	-9.56	-6.90	27.71	25.86	-225.02	21.09	97.47	-101.28
48205	94.64	-10.65	-6.90	28.50	19.44	-152.51	19.55	62.67	-84.30
48206	93.96	-11.70	-6.90	29.19	13.62	-83.37	17.30	31.65	-64.28
48207	94.23	-9.48	-6.90	33.86	28.98	-217.73	21.85	76.53	-117.01
48208	93.81	-10.44	-6.90	33.35	23.08	-150.94	21.28	50.65	-100.37
48209	93.34	-11.36	-6.90	32.79	17.38	-87.77	20.11	26.78	-80.85
48210	93.22	-9.41	-6.90	38.76	32.19	-201.50	24.47	59.58	-131.29
48211	92.98	-10.23	-6.90	37.89	26.98	-145.13	23.97	41.51	-115.98
48212	92.72	-11.03	-6.90	36.48	21.54	-91.50	23.16	23.40	-97.95
48213	91.36	-14.38	-6.90	28.54	0.76	103.63	10.33	-39.05	3.58



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]
48214	91.05	-13.43	-6.90	34.69	6.02	78.57	18.83	-28.24	-35.73
48215	90.75	-12.48	-6.90	41.48	13.59	41.46	25.02	-14.27	-74.48
48216	92.30	-13.56	-6.90	29.18	4.36	44.02	12.51	-20.25	-19.59
48217	91.89	-12.81	-6.90	33.76	9.31	25.08	18.90	-13.64	-49.90
48218	91.50	-12.07	-6.90	38.95	15.65	-0.64	24.02	-4.72	-80.01
48219	93.18	-12.67	-6.90	29.23	8.37	-18.13	14.83	2.73	-41.89
48220	92.70	-12.15	-6.90	32.73	12.66	-29.63	19.13	4.55	-63.66
48221	92.22	-11.64	-6.90	36.90	17.47	-43.73	22.99	8.29	-85.48
48222	90.12	-9.50	-8.30	136.38	50.30	-153.26	60.93	21.13	-157.65
48223	91.16	-9.45	-8.30	127.21	50.08	-172.54	59.92	28.69	-145.75
48224	92.20	-9.40	-8.30	119.35	49.62	-193.67	58.74	39.28	-133.55
48225	90.31	-10.51	-8.30	125.67	34.48	-98.36	57.93	7.73	-129.30
48226	91.22	-10.36	-8.30	119.53	36.37	-122.06	57.37	15.49	-122.47
48227	92.12	-10.20	-8.30	114.17	38.20	-146.98	56.74	26.01	-115.63
48228	90.50	-11.51	-8.30	115.43	19.80	-46.18	54.08	-4.82	-97.73
48229	91.27	-11.26	-8.30	111.98	23.40	-73.91	54.17	2.85	-96.63
48230	92.04	-10.99	-8.30	109.01	27.23	-102.31	54.00	13.55	-95.37
48231	79.01	-9.90	-8.30	237.05	40.31	-87.03	36.40	-4.45	-226.90
48232	80.14	-9.89	-8.30	231.19	41.74	-86.00	41.21	-0.63	-226.73
48233	81.26	-9.87	-8.30	223.89	43.18	-85.92	45.71	2.41	-224.72
48234	82.38	-9.85	-8.30	215.24	44.62	-86.98	49.78	4.79	-220.96
48235	83.50	-9.82	-8.30	205.39	46.01	-89.42	53.35	6.63	-215.57
48236	84.62	-9.78	-8.30	194.51	47.28	-93.58	56.32	8.10	-208.70
48237	85.73	-9.74	-8.30	182.85	48.40	-99.84	58.64	9.43	-200.49
48238	86.84	-9.69	-8.30	170.74	49.31	-108.66	60.25	10.93	-191.15
48239	87.95	-9.63	-8.30	158.59	49.99	-120.50	61.14	13.02	-180.87
48240	89.05	-9.56	-8.30	146.86	50.49	-135.73	61.32	16.25	-170.00
48241	79.03	-11.69	-8.30	203.38	9.52	32.93	29.78	-6.94	-169.74
48242	80.20	-11.67	-8.30	198.49	11.03	32.60	34.97	-6.23	-170.18
48243	81.36	-11.62	-8.30	192.51	12.92	29.86	39.86	-6.06	-169.30
48244	82.52	-11.55	-8.30	185.51	15.15	24.55	44.33	-6.24	-167.20
48245	83.67	-11.46	-8.30	177.63	17.66	16.49	48.28	-6.52	-163.98
48246	84.82	-11.35	-8.30	169.04	20.38	5.45	51.64	-6.66	-159.80
48247	85.96	-11.21	-8.30	159.97	23.26	-8.84	54.32	-6.34	-154.79
48248	87.09	-11.06	-8.30	150.70	26.23	-26.64	56.28	-5.18	-149.14
48249	88.20	-10.88	-8.30	141.58	29.24	-48.13	57.50	-2.67	-143.08
48250	89.31	-10.68	-8.30	132.99	32.29	-73.36	58.00	1.75	-136.82
48251	79.05	-13.49	-8.30	169.18	-17.99	152.36	23.23	-9.26	-101.50
48252	80.26	-13.45	-8.30	165.40	-16.60	150.52	28.53	-11.73	-102.60
48253	81.47	-13.37	-8.30	160.87	-14.50	144.65	33.55	-14.52	-103.09
48254	82.66	-13.26	-8.30	155.65	-11.74	134.68	38.18	-17.30	-103.09
48255	83.85	-13.10	-8.30	149.88	-8.36	120.52	42.33	-19.72	-102.68
48256	85.03	-12.91	-8.30	143.71	-4.43	102.06	45.91	-21.44	-101.98
48257	86.19	-12.69	-8.30	137.35	-0.03	79.26	48.85	-22.05	-101.11
48258	87.33	-12.43	-8.30	131.04	4.78	52.12	51.10	-21.11	-100.21
48259	88.46	-12.13	-8.30	125.03	9.90	20.83	52.68	-18.06	-99.41
48260	89.56	-11.80	-8.30	119.56	15.33	-14.21	53.59	-12.11	-99.02
48261	79.08	-15.29	-8.30	133.98	-40.89	261.90	16.96	-11.45	-21.35
48262	80.33	-15.23	-8.30	131.44	-39.72	258.48	21.93	-17.21	-23.19
48263	81.57	-15.12	-8.30	128.53	-37.56	249.45	26.68	-23.02	-25.45
48264	82.81	-14.96	-8.30	125.32	-34.46	234.83	31.10	-28.43	-28.20
48265	84.03	-14.75	-8.30	121.89	-30.46	214.69	35.10	-32.97	-31.49
48266	85.23	-14.48	-8.30	118.40	-25.64	189.13	38.63	-36.17	-35.36
48267	86.42	-14.16	-8.30	115.00	-20.06	158.36	41.64	-37.55	-39.86
48268	87.58	-13.80	-8.30	111.83	-13.83	122.72	44.13	-36.64	-44.99
48269	88.72	-13.38	-8.30	109.03	-7.04	82.75	46.14	-32.89	-50.73
48270	89.82	-12.92	-8.30	106.61	0.13	39.21	47.72	-25.70	-56.80
48271	79.10	-17.08	-8.30	97.21	-53.45	343.62	11.05	-13.42	68.40
48272	80.39	-17.01	-8.30	96.05	-52.65	338.93	14.86	-22.29	65.65
48273	81.67	-16.87	-8.30	95.03	-50.79	327.54	18.58	-30.94	61.10
48274	82.95	-16.66	-8.30	94.17	-47.91	309.60	22.14	-38.75	54.77
48275	84.20	-16.39	-8.30	93.52	-44.04	285.32	25.51	-45.13	46.73
48276	85.44	-16.04	-8.30	93.11	-39.24	255.01	28.68	-49.53	37.11
48277	86.65	-15.64	-8.30	93.01	-33.56	219.07	31.66	-51.41	26.05
48278	87.83	-15.17	-8.30	93.22	-27.06	178.05	34.50	-50.32	13.77
48279	88.97	-14.63	-8.30	93.70	-19.81	132.68	37.25	-45.84	0.54
48280	90.08	-14.04	-8.30	94.33	-11.91	83.82	39.93	-37.57	-13.28
48281	79.12	-18.88	-8.30	58.98	-47.64	377.30	5.61	-14.84	153.05
48282	80.45	-18.79	-8.30	59.29	-47.55	372.26	7.11	-25.60	149.48
48283	81.78	-18.62	-8.30	60.43	-46.89	360.65	8.76	-35.98	142.75
48284	83.09	-18.37	-8.30	62.31	-45.57	342.63	10.64	-45.27	133.01
48285	84.38	-18.03	-8.30	64.83	-43.54	318.41	12.83	-52.79	120.51
48286	85.65	-17.61	-8.30	67.88	-40.72	288.27	15.39	-57.92	105.54
48287	86.88	-17.11	-8.30	71.34	-37.01	252.56	18.40	-60.15	88.46
48288	88.08	-16.54	-8.30	75.04	-32.32	211.71	21.88	-59.04	69.69
48289	89.23	-15.88	-8.30	78.77	-26.56	166.27	25.85	-54.28	49.64
48290	90.34	-15.16	-8.30	82.33	-19.67	116.88	30.23	-45.71	28.93
48291	95.25	-9.56	-8.30	95.17	46.00	-225.49	56.86	88.76	-86.66
48292	94.64	-10.65	-8.30	93.64	31.86	-161.31	53.30	57.49	-71.34
48293	93.96	-11.70	-8.30	92.07	18.94	-99.96	48.96	29.80	-53.27
48294	94.23	-9.48	-8.30	104.49	47.14	-220.97	56.91	70.46	-103.78
48295	93.81	-10.44	-8.30	101.40	34.43	-162.50	54.31	46.48	-87.97
48296	93.34	-11.36	-8.30	98.34	22.60	-106.99	51.09	24.71	-69.61
48297	93.22	-9.41	-8.30	112.17	48.61	-210.74	57.67	54.18	-118.94
48298	92.98	-10.23	-8.30	108.47	37.47	-160.91	55.66	37.20	-103.85
48299	92.72	-11.03	-8.30	104.38	26.73	-113.51	53.19	20.45	-86.36
48300	91.36	-14.38	-8.30	85.44	-11.57	65.48	34.68	-33.00	7.29
48301	91.05	-13.43	-8.30	95.05	-3.81	36.06	42.50	-26.17	-27.74
48302	90.75	-12.48	-8.30	104.79	6.62	-0.88	48.78	-16.38	-63.10
48303	92.30	-13.56	-8.30	88.13	-2.74	12.70	39.41	-16.37	-13.32
48304	91.89	-12.81	-8.30	95.92	3.98	-9.74	45.13	-12.48	-41.01
48305	91.50	-12.07	-8.30	103.87	12.34	-36.32	49.98	-6.61	-68.90
48306	93.18	-12.67	-8.30	90.09	7.10	-42.19	44.19	4.01	-33.22
48307	92.70	-12.15	-8.30	96.35	12.26	-56.52	47.81	4.36	-53.73
48308	92.22	-11.64	-8.30	103.00	18.26	-72.32	51.17	6.26	-74.31
48309	79.07	-1.65	-9.50	448.73	290.09	-593.19	73.76	7.19	-294.97
48310	80.30	-1.65	-9.50	440.86	290.55	-592.01	76.11	24.59	-294.13
48311	81.53	-1.65	-9.50	429.65	289.93	-590.57	78.49	40.82	-291.04
48312	82.76	-1.65	-9.50	415.34	288.25	-589.30	80.77	55.77	-285.75

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]
48313	84.00	-1.65	-9.50	398.29	285.54	-588.77	82.85	69.44	-278.33
48314	85.23	-1.65	-9.50	378.96	281.85	-589.69	84.66	82.02	-268.85
48315	86.46	-1.65	-9.50	357.95	277.24	-592.91	86.19	93.86	-257.43
48316	87.70	-1.65	-9.50	336.00	271.80	-599.30	87.45	105.58	-244.14
48317	88.93	-1.65	-9.50	313.95	265.65	-609.61	88.47	118.08	-229.06
48318	90.16	-1.65	-9.50	292.66	259.00	-624.26	89.29	132.56	-212.25
48319	91.39	-1.65	-9.50	272.81	252.11	-642.80	89.97	150.50	-193.67
48320	92.63	-1.65	-9.50	254.48	245.35	-663.32	90.50	173.49	-173.21
48321	93.86	-1.65	-9.50	236.64	239.17	-681.78	90.84	202.54	-150.60
48322	95.09	-1.65	-9.50	216.89	233.96	-692.10	90.83	236.85	-125.41
48323	96.32	-1.65	-9.50	192.21	229.94	-687.52	90.05	272.52	-97.18
48324	97.56	-1.65	-9.50	160.66	227.07	-663.48	87.85	302.36	-65.64
48325	79.07	-0.55	-9.50	465.88	326.95	-656.78	74.80	9.00	-290.31
48326	80.30	-0.55	-9.50	458.02	326.96	-655.69	76.33	28.48	-289.49
48327	81.54	-0.55	-9.50	446.56	325.72	-654.36	77.92	46.80	-286.44
48328	82.78	-0.55	-9.50	431.76	323.23	-653.24	79.48	63.80	-281.21
48329	84.01	-0.55	-9.50	414.02	319.56	-652.95	80.90	79.47	-273.83
48330	85.25	-0.55	-9.50	393.84	314.75	-654.27	82.16	93.97	-264.36
48331	86.49	-0.55	-9.50	371.88	308.90	-658.08	83.23	107.67	-252.87
48332	87.72	-0.55	-9.50	348.94	302.14	-665.28	84.15	121.20	-239.40
48333	88.96	-0.55	-9.50	325.91	294.65	-676.65	84.96	135.50	-223.98
48334	90.20	-0.55	-9.50	303.69	286.69	-692.53	85.70	151.83	-206.59
48335	91.43	-0.55	-9.50	282.97	278.60	-712.32	86.40	171.77	-187.13
48336	92.67	-0.55	-9.50	263.77	270.81	-733.82	87.01	197.00	-165.44
48337	93.91	-0.55	-9.50	244.91	263.79	-752.51	87.38	228.54	-141.22
48338	95.14	-0.55	-9.50	223.77	257.91	-761.67	87.17	265.39	-114.19
48339	96.38	-0.55	-9.50	197.12	253.30	-754.03	85.80	303.12	-84.14
48340	97.62	-0.55	-9.50	163.05	249.80	-724.86	82.59	333.75	-51.20
48341	79.07	0.55	-9.50	481.57	362.36	-720.69	75.13	10.74	-281.85
48342	80.30	0.55	-9.50	473.81	361.94	-719.78	75.75	32.22	-281.07
48343	81.54	0.55	-9.50	462.21	360.08	-718.67	76.48	52.56	-278.10
48344	82.78	0.55	-9.50	447.06	356.83	-717.84	77.24	71.57	-272.96
48345	84.01	0.55	-9.50	428.79	352.23	-717.97	77.95	89.23	-265.65
48346	85.25	0.55	-9.50	407.94	346.37	-719.86	78.60	105.67	-252.22
48347	86.49	0.55	-9.50	385.24	339.37	-724.43	79.19	121.28	-244.68
48348	87.72	0.55	-9.50	361.52	331.40	-732.60	79.76	136.70	-231.03
48349	88.96	0.55	-9.50	337.71	322.70	-745.13	80.38	152.90	-215.25
48350	90.20	0.55	-9.50	314.74	313.58	-762.25	81.09	171.19	-197.24
48351	91.43	0.55	-9.50	293.27	304.44	-783.21	81.89	193.21	-176.86
48352	92.67	0.55	-9.50	273.28	295.77	-805.46	82.65	220.71	-153.88
48353	93.91	0.55	-9.50	253.44	288.04	-824.04	83.07	254.66	-128.04
48354	95.14	0.55	-9.50	230.94	281.56	-831.69	82.62	293.84	-99.20
48355	96.38	0.55	-9.50	202.41	276.36	-820.74	80.56	333.35	-67.49
48356	97.62	0.55	-9.50	166.01	272.16	-786.42	76.16	364.51	-33.51
48357	79.07	1.65	-9.50	495.67	395.43	-784.77	74.73	12.38	-269.55
48358	80.30	1.65	-9.50	488.08	394.59	-784.10	74.40	35.75	-268.82
48359	81.53	1.65	-9.50	476.45	392.17	-783.33	74.22	58.03	-265.94
48360	82.76	1.65	-9.50	461.10	388.22	-782.95	74.13	79.00	-260.91
48361	84.00	1.65	-9.50	442.47	382.81	-783.68	74.08	98.62	-253.70
48362	85.23	1.65	-9.50	421.17	376.02	-786.34	74.08	117.03	-244.31
48363	86.46	1.65	-9.50	397.95	368.02	-791.86	74.17	134.61	-232.71
48364	87.70	1.65	-9.50	373.68	359.02	-801.17	74.41	152.00	-218.86
48365	88.93	1.65	-9.50	349.32	349.29	-814.93	74.87	170.18	-202.66
48366	90.16	1.65	-9.50	325.79	339.21	-833.29	75.59	190.52	-183.99
48367	91.39	1.65	-9.50	303.75	329.23	-855.24	76.54	214.70	-162.63
48368	92.63	1.65	-9.50	283.07	319.86	-877.93	77.48	244.45	-138.33
48369	93.86	1.65	-9.50	262.28	311.54	-895.95	77.96	280.69	-110.88
48370	95.09	1.65	-9.50	238.46	304.51	-901.65	77.21	321.93	-80.33
48371	96.32	1.65	-9.50	208.18	298.70	-887.11	74.35	362.84	-47.19
48372	97.56	1.65	-9.50	169.72	293.69	-847.68	68.64	394.25	-12.58
48373	79.07	-1.65	-10.50	520.85	349.41	-578.05	87.16	4.06	-253.54
48374	80.30	-1.65	-10.50	514.17	350.34	-577.69	91.08	18.03	-252.98
48375	81.53	-1.65	-10.50	504.26	350.28	-577.21	95.16	31.03	-250.47
48376	82.76	-1.65	-10.50	491.33	349.27	-576.93	99.24	43.01	-246.02
48377	84.00	-1.65	-10.50	475.67	347.32	-577.28	103.20	54.09	-239.68
48378	85.23	-1.65	-10.50	457.66	344.47	-578.81	106.95	64.51	-231.48
48379	86.46	-1.65	-10.50	437.73	340.76	-582.14	110.42	74.75	-221.48
48380	87.70	-1.65	-10.50	416.40	336.24	-587.92	113.58	85.51	-209.71
48381	88.93	-1.65	-10.50	394.20	330.97	-596.65	116.40	97.69	-196.20
48382	90.16	-1.65	-10.50	371.61	325.01	-608.49	118.85	112.43	-180.96
48383	91.39	-1.65	-10.50	348.85	318.50	-622.89	120.87	130.89	-163.93
48384	92.63	-1.65	-10.50	325.66	311.63	-638.16	122.31	153.99	-144.98
48385	93.86	-1.65	-10.50	301.04	304.62	-651.28	122.94	181.81	-123.92
48386	95.09	-1.65	-10.50	273.35	297.70	-658.08	122.39	212.81	-100.49
48387	96.32	-1.65	-10.50	240.93	291.07	-654.31	120.11	243.22	-74.44
48388	97.56	-1.65	-10.50	203.15	284.81	-637.29	115.46	267.38	-45.68
48389	79.07	-0.55	-10.50	542.02	398.00	-636.98	88.48	5.39	-250.20
48390	80.30	-0.55	-10.50	535.46	398.42	-636.71	91.65	21.16	-249.64
48391	81.54	-0.55	-10.50	525.39	397.65	-636.34	95.01	35.96	-247.15
48392	82.78	-0.55	-10.50	512.04	395.73	-636.22	98.43	49.74	-242.72
48393	84.01	-0.55	-10.50	495.72	392.67	-636.83	101.78	62.59	-236.36
48394	85.25	-0.55	-10.50	476.85	388.53	-638.74	104.99	74.76	-228.10
48395	86.49	-0.55	-10.50	455.92	383.36	-642.63	108.00	86.74	-217.95
48396	87.72	-0.55	-10.50	433.46	377.25	-649.14	110.77	99.24	-205.90
48397	88.96	-0.55	-10.50	410.06	370.30	-658.78	113.28	113.21	-191.93
48398	90.20	-0.55	-10.50	386.20	362.65	-671.63	115.48	129.82	-175.98
48399	91.43	-0.55	-10.50	362.09	354.50	-686.99	117.26	150.29	-157.96
48400	92.67	-0.55	-10.50	337.38	346.08	-702.94	118.44	175.57	-137.72
48401	93.91	-0.55	-10.50	310.99	337.63	-716.07	118.72	205.66	-115.09
48402	95.14	-0.55	-10.50	281.16	329.34	-721.82	117.62	238.77	-89.98
48403	96.38	-0.55	-10.50	246.21	321.31	-715.66	114.52	270.72	-62.39
48404	97.62	-0.55	-10.50	205.65	313.51	-694.86	108.79	295.25	-32.53
48405	79.07	0.55	-10.50	561.83	445.58	-696.42	89.02	6.67	-244.07
48406	80.30	0.55	-10.50	555.48	445.49	-696.30	91.35	24.17	-243.53
48407	81.54	0.55	-10.50	545.35	444.03	-696.13	93.90	40.74	-241.06
48408	82.78	0.55	-10.50	531.69	441.21	-696.28	96.56	56.30	-236.65
48409	84.01	0.55	-10.50	514.86	437.07	-697.27	99.22	70.93	-230.27
48410	85.25	0.55	-10.50	495.30	431.67	-699.71	101.81	84.90	-221.92
48411	86.49	0.55	-10.50	473.52	425.10	-704.28	104.29	98.68	-211.57

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]
48412	87.72	0.55	-10.50	450.13	417.47	-711.63	106.63	113.01	-199.16
48413	88.96	0.55	-10.50	425.70	408.94	-722.23	108.81	128.86	-184.64
48414	90.20	0.55	-10.50	400.72	399.70	-736.09	110.75	147.43	-167.89
48415	91.43	0.55	-10.50	375.37	390.00	-752.32	112.33	169.97	-148.79
48416	92.67	0.55	-10.50	349.25	380.12	-768.75	113.30	197.40	-127.19
48417	93.91	0.55	-10.50	321.17	370.29	-781.64	113.23	229.63	-103.01
48418	95.14	0.55	-10.50	289.30	360.66	-786.09	111.55	264.64	-76.32
48419	96.38	0.55	-10.50	251.98	351.21	-777.36	107.56	297.86	-47.41
48420	97.62	0.55	-10.50	208.88	341.81	-752.78	100.64	322.54	-16.82
48421	79.07	1.65	-10.50	580.17	490.88	-755.75	88.78	7.90	-235.07
48422	80.30	1.65	-10.50	574.08	490.29	-755.81	90.20	27.06	-234.54
48423	81.53	1.65	-10.50	563.99	488.16	-755.93	91.87	45.34	-232.09
48424	82.76	1.65	-10.50	550.15	484.50	-756.48	93.70	62.65	-227.67
48425	84.00	1.65	-10.50	532.96	479.35	-758.00	95.59	79.08	-221.25
48426	85.23	1.65	-10.50	512.87	472.79	-761.11	97.49	94.88	-212.76
48427	86.46	1.65	-10.50	490.45	464.93	-766.50	99.38	110.54	-202.14
48428	87.70	1.65	-10.50	466.31	455.90	-774.80	101.25	126.78	-189.29
48429	88.93	1.65	-10.50	441.05	445.90	-786.43	103.07	144.61	-174.10
48430	90.16	1.65	-10.50	415.14	435.20	-801.25	104.77	165.20	-156.44
48431	91.39	1.65	-10.50	388.71	424.08	-818.20	106.18	189.82	-136.16
48432	92.63	1.65	-10.50	361.30	412.85	-834.84	106.94	219.33	-113.17
48433	93.86	1.65	-10.50	331.64	401.72	-847.15	106.53	253.52	-87.48
48434	95.09	1.65	-10.50	297.88	390.78	-849.98	104.23	290.13	-59.36
48435	96.32	1.65	-10.50	258.40	379.90	-838.51	99.28	324.29	-29.41
48436	97.56	1.65	-10.50	213.06	368.87	-810.19	91.11	348.92	1.47
48437	59.34	-1.65	-9.50	237.86	198.65	-548.63	180.25	-309.03	-133.78
48438	60.58	-1.65	-9.50	261.80	202.88	-574.41	154.14	-297.83	-137.20
48439	61.81	-1.65	-9.50	283.99	207.92	-589.75	133.22	-278.79	-144.34
48440	63.04	-1.65	-9.50	304.27	213.84	-596.36	116.49	-256.28	-154.61
48441	64.27	-1.65	-9.50	323.36	220.59	-597.23	103.20	-233.18	-167.27
48442	65.51	-1.65	-9.50	341.97	227.98	-595.27	92.74	-210.78	-181.56
48443	66.74	-1.65	-9.50	360.37	235.77	-592.64	84.61	-189.36	-196.75
48444	67.97	-1.65	-9.50	378.35	243.68	-590.51	78.42	-168.75	-212.18
48445	69.20	-1.65	-9.50	395.49	251.49	-589.37	73.85	-148.65	-227.27
48446	70.44	-1.65	-9.50	411.27	258.97	-589.23	70.64	-128.82	-241.56
48447	71.67	-1.65	-9.50	425.19	265.94	-589.89	68.63	-109.06	-254.66
48448	72.90	-1.65	-9.50	436.78	272.24	-591.02	67.67	-89.29	-266.26
48449	74.14	-1.65	-9.50	445.65	277.74	-592.26	67.62	-69.48	-276.12
48450	75.37	-1.65	-9.50	451.48	282.35	-593.30	68.35	-49.74	-284.04
48451	76.60	-1.65	-9.50	454.03	285.97	-593.88	69.72	-30.22	-289.88
48452	77.83	-1.65	-9.50	453.13	288.56	-593.85	71.58	-11.16	-293.55
48453	59.28	-0.55	-9.50	223.81	235.35	-602.42	192.92	-304.38	-128.70
48454	60.52	-0.55	-9.50	252.34	238.43	-630.11	165.48	-297.23	-132.12
48455	61.76	-0.55	-9.50	278.46	242.50	-647.41	143.62	-281.55	-139.62
48456	62.99	-0.55	-9.50	302.03	247.76	-655.70	126.25	-261.65	-150.37
48457	64.23	-0.55	-9.50	323.87	254.20	-657.79	112.49	-240.46	-163.48
48458	65.47	-0.55	-9.50	344.81	261.59	-656.65	101.63	-219.36	-178.08
48459	66.70	-0.55	-9.50	365.25	269.63	-654.50	93.10	-198.72	-193.42
48460	67.94	-0.55	-9.50	385.10	277.99	-652.65	86.44	-178.43	-208.84
48461	69.18	-0.55	-9.50	403.98	286.34	-651.68	81.32	-158.23	-223.81
48462	70.41	-0.55	-9.50	421.40	294.41	-651.69	77.48	-137.91	-237.91
48463	71.65	-0.55	-9.50	436.87	301.94	-652.51	74.76	-117.32	-250.78
48464	72.89	-0.55	-9.50	449.89	308.73	-653.81	73.02	-96.40	-262.16
48465	74.12	-0.55	-9.50	460.03	314.61	-655.24	72.14	-75.17	-271.82
48466	75.36	-0.55	-9.50	466.93	319.46	-656.46	72.00	-53.78	-279.58
48467	76.60	-0.55	-9.50	470.31	323.17	-657.21	72.50	-32.43	-285.31
48468	77.83	-0.55	-9.50	469.98	325.68	-657.32	73.48	-11.41	-288.91
48469	59.28	0.55	-9.50	209.91	271.69	-657.10	200.31	-299.26	-117.57
48470	60.52	0.55	-9.50	242.93	273.52	-686.73	172.56	-296.05	-121.44
48471	61.76	0.55	-9.50	272.86	276.57	-706.10	150.59	-283.75	-129.68
48472	62.99	0.55	-9.50	299.60	281.11	-716.18	133.27	-266.47	-141.24
48473	64.23	0.55	-9.50	324.05	287.16	-719.60	119.61	-247.17	-155.06
48474	65.47	0.55	-9.50	347.18	294.47	-719.31	108.81	-227.34	-170.20
48475	66.70	0.55	-9.50	369.50	302.68	-717.62	100.24	-207.45	-185.86
48476	67.94	0.55	-9.50	391.03	311.39	-715.96	93.40	-187.46	-201.42
48477	69.18	0.55	-9.50	411.48	320.20	-715.04	87.94	-167.17	-216.38
48478	70.41	0.55	-9.50	430.40	328.77	-715.04	83.62	-146.40	-230.37
48479	71.65	0.55	-9.50	447.29	336.78	-715.85	80.27	-125.03	-243.07
48480	72.89	0.55	-9.50	461.62	343.98	-717.18	77.80	-103.04	-254.25
48481	74.12	0.55	-9.50	472.95	350.18	-718.67	76.11	-80.49	-263.71
48482	75.36	0.55	-9.50	480.87	355.21	-719.99	75.10	-57.55	-271.31
48483	76.60	0.55	-9.50	485.07	358.97	-720.85	74.68	-34.49	-276.93
48484	77.83	0.55	-9.50	485.33	361.37	-721.09	74.73	-11.61	-280.46
48485	59.34	1.65	-9.50	197.95	306.78	-713.19	202.50	-294.22	-100.14
48486	60.58	1.65	-9.50	234.92	307.29	-744.69	175.48	-294.94	-104.94
48487	61.81	1.65	-9.50	268.20	309.30	-766.15	154.23	-285.99	-114.31
48488	63.04	1.65	-9.50	297.73	313.11	-778.08	137.59	-271.26	-127.02
48489	64.27	1.65	-9.50	324.49	318.72	-782.88	124.55	-253.75	-141.83
48490	65.51	1.65	-9.50	349.52	325.87	-783.42	114.23	-235.08	-157.73
48491	66.74	1.65	-9.50	373.46	334.15	-782.09	105.95	-215.84	-173.91
48492	67.97	1.65	-9.50	396.42	343.09	-780.48	99.19	-196.05	-189.77
48493	69.20	1.65	-9.50	418.21	352.25	-779.42	93.59	-175.61	-204.85
48494	70.44	1.65	-9.50	438.40	361.20	-779.22	88.93	-154.36	-218.82
48495	71.67	1.65	-9.50	456.51	369.58	-779.83	85.07	-132.23	-231.41
48496	72.90	1.65	-9.50	472.01	377.10	-781.02	81.93	-109.22	-242.43
48497	74.14	1.65	-9.50	484.40	383.52	-782.43	79.45	-85.42	-251.73
48498	75.37	1.65	-9.50	493.25	388.68	-783.73	77.57	-61.05	-259.18
48499	76.60	1.65	-9.50	498.22	392.44	-784.64	76.22	-36.39	-264.68
48500	77.83	1.65	-9.50	499.06	394.71	-785.00	75.31	-11.79	-268.15
48501	59.34	-1.65	-10.50	256.96	234.80	-543.32	208.89	-274.88	-119.13
48502	60.58	-1.65	-10.50	285.72	243.74	-561.16	178.65	-265.12	-118.84
48503	61.81	-1.65	-10.50	314.18	253.03	-572.31	154.08	-248.31	-123.08
48504	63.04	-1.65	-10.50	341.34	262.52	-577.60	134.21	-227.85	-130.85
48505	64.27	-1.65	-10.50	367.03	272.10	-578.74	118.25	-206.26	-141.23
48506	65.51	-1.65	-10.50	391.44	281.61	-577.65	105.59	-185.02	-153.38
48507	66.74	-1.65	-10.50	414.61	290.90	-575.84	95.71	-164.73	-166.53
48508	67.97	-1.65	-10.50	436.42	299.86	-574.28	88.21	-145.48	-180.02
48509	69.20	-1.65	-10.50	456.58	308.36	-573.41	82.73	-127.13	-193.30
48510	70.44	-1.65	-10.50	474.72	316.31	-573.32	79.02	-109.45	-205.91

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]
48511	71.67	-1.65	-10.50	490.48	323.60	-573.86	76.88	-92.24	-217.49
48512	72.90	-1.65	-10.50	503.53	330.14	-574.82	76.12	-75.33	-227.75
48513	74.14	-1.65	-10.50	513.61	335.86	-575.94	76.58	-58.68	-236.49
48514	75.37	-1.65	-10.50	520.49	340.69	-576.97	78.09	-42.29	-243.54
48515	76.60	-1.65	-10.50	524.04	344.58	-577.72	80.48	-26.27	-248.78
48516	77.83	-1.65	-10.50	524.16	347.49	-578.09	83.57	-10.76	-252.13
48517	59.28	-0.55	-10.50	240.01	286.04	-594.97	223.59	-269.75	-115.30
48518	60.52	-0.55	-10.50	274.04	293.37	-614.67	191.86	-264.03	-114.76
48519	61.76	-0.55	-10.50	307.04	301.17	-627.47	166.09	-250.59	-119.17
48520	62.99	-0.55	-10.50	338.12	309.53	-634.08	145.24	-232.72	-127.32
48521	64.23	-0.55	-10.50	367.23	318.39	-636.15	128.47	-213.00	-138.12
48522	65.47	-0.55	-10.50	394.61	327.60	-635.64	115.09	-193.00	-150.61
48523	66.70	-0.55	-10.50	420.44	336.95	-634.13	104.55	-173.41	-163.98
48524	67.94	-0.55	-10.50	444.67	346.22	-632.70	96.39	-154.42	-177.55
48525	69.18	-0.55	-10.50	467.05	355.19	-631.87	90.24	-135.91	-190.80
48526	70.41	-0.55	-10.50	487.25	363.68	-631.78	85.84	-117.74	-203.31
48527	71.65	-0.55	-10.50	504.91	371.51	-632.35	82.96	-99.72	-214.74
48528	72.89	-0.55	-10.50	519.70	378.52	-633.35	81.44	-81.77	-224.85
48529	74.12	-0.55	-10.50	531.30	384.60	-634.53	81.10	-63.85	-233.45
48530	75.36	-0.55	-10.50	539.47	389.65	-635.64	81.81	-46.01	-240.37
48531	76.60	-0.55	-10.50	544.04	393.59	-636.48	83.39	-28.40	-245.52
48532	77.83	-0.55	-10.50	544.90	396.39	-636.93	85.67	-11.20	-248.81
48533	59.28	0.55	-10.50	223.28	337.36	-647.45	232.18	-264.09	-105.44
48534	60.52	0.55	-10.50	262.52	342.99	-669.07	200.07	-262.38	-105.30
48535	61.76	0.55	-10.50	299.93	349.26	-683.63	174.04	-252.33	-110.38
48536	62.99	0.55	-10.50	334.78	356.43	-691.66	153.02	-237.10	-119.32
48537	64.23	0.55	-10.50	367.14	364.50	-694.76	136.12	-219.28	-130.88
48538	65.47	0.55	-10.50	397.35	373.32	-694.86	122.59	-200.51	-144.00
48539	66.70	0.55	-10.50	425.68	382.63	-693.65	111.84	-181.62	-157.84
48540	67.94	0.55	-10.50	452.16	392.12	-692.29	103.37	-162.86	-171.71
48541	69.18	0.55	-10.50	476.61	401.48	-691.40	96.80	-144.21	-185.11
48542	70.41	0.55	-10.50	498.74	410.42	-691.21	91.87	-125.55	-197.66
48543	71.65	0.55	-10.50	518.18	418.70	-691.68	88.37	-106.78	-209.05
48544	72.89	0.55	-10.50	534.60	426.11	-692.61	86.14	-87.83	-219.07
48545	74.12	0.55	-10.50	547.65	432.48	-693.76	85.04	-68.72	-227.56
48546	75.36	0.55	-10.50	557.07	437.70	-694.88	84.92	-49.52	-234.38
48547	76.60	0.55	-10.50	562.64	441.66	-695.76	85.65	-30.41	-239.46
48548	77.83	0.55	-10.50	564.23	444.30	-696.28	87.07	-11.60	-242.70
48549	59.34	1.65	-10.50	208.87	386.92	-700.79	234.75	-258.63	-89.35
48550	60.58	1.65	-10.50	252.73	390.81	-724.23	203.35	-260.86	-90.25
48551	61.81	1.65	-10.50	294.04	395.57	-740.55	178.00	-254.18	-96.50
48552	63.04	1.65	-10.50	332.24	401.58	-750.05	157.58	-241.54	-106.61
48553	64.27	1.65	-10.50	367.50	408.89	-754.20	141.19	-225.55	-119.27
48554	65.51	1.65	-10.50	400.23	417.32	-754.92	128.05	-207.95	-133.32
48555	66.74	1.65	-10.50	430.78	426.55	-753.95	117.50	-189.67	-147.89
48556	67.97	1.65	-10.50	459.24	436.21	-752.56	109.05	-171.06	-162.29
48557	69.20	1.65	-10.50	485.52	445.88	-751.49	102.31	-152.20	-176.05
48558	70.44	1.65	-10.50	509.34	455.20	-751.05	97.03	-133.03	-188.78
48559	71.67	1.65	-10.50	530.39	463.85	-751.26	93.02	-113.50	-200.25
48560	72.90	1.65	-10.50	548.27	471.58	-751.99	90.15	-93.58	-210.27
48561	74.14	1.65	-10.50	562.65	478.19	-753.00	88.31	-73.32	-218.71
48562	75.37	1.65	-10.50	573.22	483.52	-754.04	87.38	-52.83	-225.48
48563	76.60	1.65	-10.50	579.75	487.46	-754.91	87.24	-32.30	-230.50
48564	77.83	1.65	-10.50	582.07	489.93	-755.48	87.75	-11.97	-233.71
48565	54.93	-1.65	-9.50	264.81	221.07	-137.93	868.50	-97.95	-27.18
48566	55.78	-1.65	-9.50	227.67	170.48	-302.05	502.39	-148.63	-163.57
48567	56.62	-1.65	-9.50	189.60	180.17	-391.54	354.47	-224.08	-153.03
48568	57.46	-1.65	-9.50	189.43	189.52	-451.77	273.46	-277.59	-142.62
48569	58.31	-1.65	-9.50	211.24	194.55	-507.28	217.59	-305.66	-135.23
48570	54.88	-0.55	-9.50	165.24	236.95	-272.90	873.23	-32.86	4.71
48571	55.72	-0.55	-9.50	162.27	221.91	-392.09	544.99	-130.17	-179.06
48572	56.56	-0.55	-9.50	148.78	221.37	-451.22	384.35	-210.30	-157.89
48573	57.40	-0.55	-9.50	161.67	228.80	-505.99	292.28	-264.56	-140.03
48574	58.25	-0.55	-9.50	191.39	232.48	-559.96	232.41	-296.45	-130.85
48575	54.88	0.55	-9.50	130.03	228.26	-371.62	878.46	-20.79	13.54
48576	55.72	0.55	-9.50	88.94	255.38	-487.17	548.90	-107.12	-167.79
48577	56.56	0.55	-9.50	102.22	267.96	-512.26	392.35	-194.55	-147.75
48578	57.40	0.55	-9.50	132.72	268.69	-560.73	300.94	-251.76	-129.73
48579	58.25	0.55	-9.50	171.46	270.39	-613.49	240.39	-286.97	-119.80
48580	54.93	1.65	-9.50	57.53	232.00	-491.11	886.82	30.50	-3.77
48581	55.78	1.65	-9.50	42.33	296.39	-571.37	523.96	-101.00	-133.22
48582	56.62	1.65	-9.50	68.36	305.91	-574.06	381.66	-183.36	-124.49
48583	57.46	1.65	-9.50	108.29	306.98	-617.05	299.90	-239.04	-111.66
48584	58.31	1.65	-9.50	154.21	307.12	-668.46	241.60	-277.62	-101.83
48585	54.93	-1.65	-10.50	377.07	260.45	-138.41	1012.35	-94.54	-487.95
48586	55.78	-1.65	-10.50	255.72	206.84	-385.57	557.33	-161.53	-268.97
48587	56.62	-1.65	-10.50	205.80	207.53	-433.55	402.30	-210.58	-184.73
48588	57.46	-1.65	-10.50	204.71	215.86	-477.69	313.25	-250.53	-146.50
48589	58.31	-1.65	-10.50	227.30	225.44	-515.25	251.38	-272.54	-126.87
48590	54.88	-0.55	-10.50	234.17	269.67	-292.99	1063.51	-67.62	-512.24
48591	55.72	-0.55	-10.50	169.09	250.34	-450.45	591.36	-141.55	-286.68
48592	56.56	-0.55	-10.50	153.79	259.19	-485.03	429.32	-193.12	-191.19
48593	57.40	-0.55	-10.50	170.19	269.08	-526.75	333.54	-236.51	-146.20
48594	58.25	-0.55	-10.50	203.28	278.18	-565.13	268.12	-262.69	-124.01
48595	54.88	0.55	-10.50	83.10	261.57	-440.45	1075.65	-41.57	-512.96
48596	55.72	0.55	-10.50	79.15	294.12	-517.29	601.44	-119.03	-278.75
48597	56.56	0.55	-10.50	97.79	312.44	-538.32	439.92	-173.84	-182.36
48598	57.40	0.55	-10.50	134.41	323.35	-576.22	343.57	-222.21	-137.04
48599	58.25	0.55	-10.50	179.28	331.18	-615.69	277.31	-252.51	-114.23
48600	54.93	1.65	-10.50	-51.47	266.46	-588.78	1053.26	-12.08	-494.18
48601	55.78	1.65	-10.50	-0.53	332.22	-579.07	591.24	-104.70	-245.64
48602	56.62	1.65	-10.50	50.49	362.46	-590.43	435.42	-158.97	-159.67
48603	57.46	1.65	-10.50	103.30	375.64	-626.85	343.52	-208.54	-119.04
48604	58.31	1.65	-10.50	158.29	382.57	-667.21	279.01	-242.60	-97.32
48605	98.59	-1.65	-9.50	118.19	224.96	-612.70	82.83	317.72	-26.32
48606	99.44	-1.65	-9.50	70.83	223.23	-540.39	73.15	304.08	20.60
48607	100.28	-1.65	-9.50	32.52	221.57	-466.38	59.44	257.10	68.71
48608	101.12	-1.65	-9.50	8.74	219.66	-405.01	42.64	182.63	115.94
48609	101.97	-1.65	-9.50	0.21	217.19	-366.68	23.48	78.94	160.98

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]
48610	98.65	-0.55	-9.50	117.70	246.75	-666.60	76.06	347.52	-11.47
48611	99.50	-0.55	-9.50	67.97	243.59	-585.51	64.79	328.92	34.16
48612	100.34	-0.55	-9.50	28.77	240.04	-503.52	50.05	274.37	79.60
48613	101.18	-0.55	-9.50	5.60	236.02	-435.65	33.10	190.79	123.25
48614	102.02	-0.55	-9.50	-1.32	231.65	-392.61	14.58	77.20	163.68
48615	98.65	0.55	-9.50	117.94	268.05	-720.73	67.97	376.64	6.09
48616	99.50	0.55	-9.50	65.86	263.38	-630.89	54.96	353.24	49.71
48617	100.34	0.55	-9.50	25.64	257.87	-540.94	39.06	291.42	91.65
48618	101.18	0.55	-9.50	3.04	251.52	-466.75	21.87	199.18	131.11
48619	102.02	0.55	-9.50	-2.27	245.04	-419.13	4.32	75.45	166.33
48620	98.59	1.65	-9.50	119.20	288.40	-774.67	58.67	404.71	26.33
48621	99.44	1.65	-9.50	64.83	282.14	-676.10	43.87	376.76	67.18
48622	100.28	1.65	-9.50	23.33	274.82	-578.16	26.84	308.03	104.68
48623	101.12	1.65	-9.50	0.58	265.92	-497.90	9.01	208.03	139.19
48624	101.97	1.65	-9.50	-3.01	256.72	-447.93	-7.55	75.77	170.24
48625	98.59	-1.65	-10.50	155.68	278.26	-601.85	106.80	278.83	-10.23
48626	99.44	-1.65	-10.50	102.75	271.29	-550.62	92.39	266.32	31.96
48627	100.28	-1.65	-10.50	56.04	264.44	-496.86	73.59	225.69	75.55
48628	101.12	-1.65	-10.50	20.94	257.31	-454.09	51.57	160.47	118.83
48629	101.97	-1.65	-10.50	3.77	248.85	-441.65	27.33	69.72	160.60
48630	98.65	-0.55	-10.50	155.36	304.94	-654.06	98.71	305.06	3.16
48631	99.50	-0.55	-10.50	100.25	295.42	-596.54	82.85	288.13	44.19
48632	100.34	-0.55	-10.50	52.76	285.66	-536.86	63.10	240.76	85.46
48633	101.18	-0.55	-10.50	18.11	275.68	-489.08	41.00	167.20	125.62
48634	102.02	-0.55	-10.50	2.32	264.88	-473.35	17.44	67.41	163.32
48635	98.65	0.55	-10.50	155.93	331.16	-706.67	89.09	330.70	18.59
48636	99.50	0.55	-10.50	98.63	319.02	-642.86	71.70	309.51	57.78
48637	100.34	0.55	-10.50	50.22	306.17	-577.30	50.87	255.68	95.99
48638	101.18	0.55	-10.50	16.22	293.14	-524.61	28.81	174.23	132.46
48639	102.02	0.55	-10.50	1.71	280.50	-505.63	6.55	64.99	165.46
48640	98.59	1.65	-10.50	157.69	356.10	-758.86	78.07	355.44	36.04
48641	99.44	1.65	-10.50	98.21	341.31	-688.81	59.19	330.21	72.71
48642	100.28	1.65	-10.50	48.55	325.60	-617.38	37.31	270.25	106.98
48643	101.12	1.65	-10.50	14.62	308.43	-559.85	14.68	181.67	138.91
48644	101.97	1.65	-10.50	1.66	295.15	-538.12	-5.11	65.20	168.76
48645	79.06	2.50	-9.50	505.54	419.00	-834.41	73.96	13.59	-257.39
48646	80.29	2.50	-9.50	498.12	417.85	-833.99	72.87	38.36	-256.70
48647	81.52	2.50	-9.50	486.53	415.06	-833.55	71.96	62.08	-253.90
48648	82.75	2.50	-9.50	471.11	410.64	-833.64	71.19	84.53	-248.95
48649	83.97	2.50	-9.50	452.33	404.68	-834.95	70.54	105.66	-241.81
48650	85.20	2.50	-9.50	430.81	397.29	-838.34	70.03	125.60	-232.44
48651	86.43	2.50	-9.50	407.33	388.65	-844.74	69.73	144.73	-220.77
48652	87.66	2.50	-9.50	382.79	379.00	-855.01	69.71	163.69	-206.72
48653	88.88	2.50	-9.50	358.15	368.64	-869.79	70.06	183.49	-190.16
48654	90.11	2.50	-9.50	334.34	357.99	-889.07	70.82	205.48	-170.91
48655	91.34	2.50	-9.50	311.96	347.52	-911.67	71.90	231.35	-148.74
48656	92.57	2.50	-9.50	290.80	337.75	-934.45	73.00	262.83	-123.38
48657	93.79	2.50	-9.50	269.32	329.07	-951.73	73.49	300.73	-94.69
48658	95.02	2.50	-9.50	244.51	321.67	-955.62	72.46	343.36	-62.88
48659	96.25	2.50	-9.50	212.98	315.37	-938.13	68.88	385.10	-28.82
48660	97.48	2.50	-9.50	173.12	309.68	-894.79	62.09	416.51	5.99
48661	79.06	3.10	-9.50	511.77	434.37	-869.63	73.17	14.39	-247.06
48662	80.28	3.10	-9.50	504.49	433.05	-869.41	71.54	40.09	-246.41
48663	81.51	3.10	-9.50	492.99	430.02	-869.28	70.11	64.77	-243.66
48664	82.73	3.10	-9.50	477.59	425.34	-869.77	68.86	88.24	-238.76
48665	83.95	3.10	-9.50	458.78	419.07	-871.60	67.78	110.42	-231.67
48666	85.17	3.10	-9.50	437.21	411.36	-875.60	66.92	131.45	-222.31
48667	86.39	3.10	-9.50	413.66	402.38	-882.70	66.34	151.70	-210.58
48668	87.62	3.10	-9.50	389.04	392.38	-893.74	66.15	171.81	-196.38
48669	88.84	3.10	-9.50	364.32	381.70	-909.26	66.43	192.79	-179.54
48670	90.06	3.10	-9.50	340.41	370.76	-929.17	67.21	215.98	-159.86
48671	91.28	3.10	-9.50	317.86	360.05	-952.11	68.39	243.08	-137.10
48672	92.50	3.10	-9.50	296.41	350.06	-974.78	69.58	275.75	-111.00
48673	93.73	3.10	-9.50	274.46	341.17	-991.28	70.06	314.72	-81.46
48674	94.95	3.10	-9.50	248.99	333.49	-993.66	68.79	358.17	-48.86
48675	96.17	3.10	-9.50	216.66	326.78	-973.96	64.68	400.31	-14.27
48676	97.39	3.10	-9.50	175.99	320.54	-927.91	57.10	431.56	20.49
48677	79.06	2.50	-10.50	593.40	523.88	-801.35	88.10	8.80	-225.91
48678	80.29	2.50	-10.50	587.54	522.93	-801.61	88.77	29.21	-225.38
48679	81.52	2.50	-10.50	577.53	520.32	-802.01	89.73	48.78	-222.92
48680	82.75	2.50	-10.50	563.64	516.06	-802.95	90.86	67.45	-218.48
48681	83.97	2.50	-10.50	546.26	510.21	-804.97	92.11	85.28	-211.98
48682	85.20	2.50	-10.50	525.88	502.84	-808.70	93.45	102.53	-203.33
48683	86.43	2.50	-10.50	503.09	494.07	-814.83	94.85	119.68	-192.44
48684	87.66	2.50	-10.50	478.51	484.07	-823.94	96.32	137.47	-179.16
48685	88.88	2.50	-10.50	452.74	473.06	-836.38	97.86	156.87	-163.36
48686	90.11	2.50	-10.50	426.23	461.33	-851.92	99.37	179.08	-144.91
48687	91.34	2.50	-10.50	399.07	449.22	-869.31	100.64	205.29	-123.66
48688	92.57	2.50	-10.50	370.75	437.03	-885.93	101.25	236.34	-99.55
48689	93.79	2.50	-10.50	339.95	424.96	-897.55	100.55	271.89	-72.73
48690	95.02	2.50	-10.50	304.83	413.03	-898.92	97.73	309.54	-43.63
48691	96.25	2.50	-10.50	263.85	401.07	-885.22	92.01	344.21	-13.10
48692	97.48	2.50	-10.50	216.99	388.81	-854.05	82.87	368.66	17.69
48693	79.06	3.10	-10.50	602.01	545.69	-833.54	87.33	9.41	-217.71
48694	80.28	3.10	-10.50	596.34	544.51	-833.96	87.48	30.66	-217.18
48695	81.51	3.10	-10.50	586.42	541.60	-834.60	87.91	51.12	-214.71
48696	82.73	3.10	-10.50	572.54	536.97	-835.89	88.54	70.73	-210.24
48697	83.95	3.10	-10.50	555.11	530.69	-838.34	89.33	89.55	-203.66
48698	85.17	3.10	-10.50	534.61	522.83	-842.59	90.24	107.84	-194.88
48699	86.39	3.10	-10.50	511.65	513.51	-849.30	91.28	126.09	-183.76
48700	87.62	3.10	-10.50	486.86	502.90	-859.05	92.47	145.01	-170.14
48701	88.84	3.10	-10.50	460.83	491.27	-872.09	93.78	165.57	-153.88
48702	90.06	3.10	-10.50	433.99	478.90	-888.10	95.15	188.93	-134.82
48703	91.28	3.10	-10.50	406.41	466.15	-905.72	96.31	216.25	-112.86
48704	92.50	3.10	-10.50	377.52	453.33	-922.16	96.80	248.31	-87.99
48705	93.73	3.10	-10.50	345.98	440.62	-933.11	95.90	284.70	-60.42
48706	94.95	3.10	-10.50	309.98	427.98	-933.28	92.70	322.91	-30.73
48707	96.17	3.10	-10.50	268.08	415.22	-917.91	86.42	357.77	0.05
48708	97.39	3.10	-10.50	220.36	402.11	-884.77	76.64	381.98	30.57

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]
48709	98.51	2.50	-9.50	120.89	303.34	-816.20	50.67	425.64	-43.96
48710	99.36	2.50	-9.50	64.77	295.78	-710.74	34.47	394.25	82.06
48711	100.20	2.50	-9.50	22.23	287.13	-606.56	16.81	320.25	115.52
48712	101.05	2.50	-9.50	-1.38	276.81	-521.06	-1.47	214.37	144.91
48713	101.90	2.50	-9.50	-4.31	262.68	-473.97	-17.66	78.68	173.91
48714	98.43	3.10	-9.50	122.67	313.38	-845.40	44.64	439.80	57.62
48715	99.28	3.10	-9.50	65.36	304.80	-734.82	27.42	406.00	93.59
48716	100.13	3.10	-9.50	22.17	295.10	-626.13	9.32	328.23	123.81
48717	100.97	3.10	-9.50	-2.11	284.44	-536.32	-8.55	217.77	149.33
48718	101.82	3.10	-9.50	-5.05	265.24	-492.92	-24.57	81.01	172.87
48719	98.51	2.50	-10.50	159.83	374.24	-798.69	68.59	373.88	51.28
48720	99.36	2.50	-10.50	98.52	357.32	-723.57	48.52	345.48	85.44
48721	100.20	2.50	-10.50	47.77	339.53	-647.34	26.07	280.61	116.18
48722	101.05	2.50	-10.50	13.02	319.48	-585.98	2.59	186.04	143.21
48723	101.90	2.50	-10.50	0.73	300.14	-563.37	-14.90	68.11	172.00
48724	98.43	3.10	-10.50	161.96	386.29	-826.43	61.48	386.34	63.31
48725	99.28	3.10	-10.50	99.22	367.80	-747.31	40.50	355.53	95.63
48726	100.13	3.10	-10.50	47.66	348.18	-667.33	17.57	286.78	123.52
48727	100.97	3.10	-10.50	12.18	327.79	-603.28	-5.72	187.14	147.54
48728	101.82	3.10	-10.50	-0.02	295.92	-579.45	-22.79	68.98	168.24
48729	59.42	2.50	-9.50	190.65	332.76	-757.76	201.15	-290.64	-82.25
48730	60.65	2.50	-9.50	230.12	332.19	-790.65	175.32	-294.42	-88.07
48731	61.88	2.50	-9.50	265.56	333.40	-813.71	155.08	-288.02	-98.58
48732	63.11	2.50	-9.50	296.94	336.65	-827.09	139.31	-275.20	-112.39
48733	64.33	2.50	-9.50	325.22	341.89	-832.93	127.02	-258.99	-128.17
48734	65.56	2.50	-9.50	351.50	348.85	-834.06	117.30	-241.11	-144.83
48735	66.79	2.50	-9.50	376.48	357.10	-832.94	109.43	-222.26	-161.56
48736	68.02	2.50	-9.50	400.37	366.14	-831.25	102.87	-202.55	-177.78
48737	69.24	2.50	-9.50	423.01	375.46	-829.95	97.28	-181.92	-193.06
48738	70.47	2.50	-9.50	444.03	384.60	-829.44	92.44	-160.26	-207.09
48739	71.70	2.50	-9.50	462.94	393.17	-829.76	88.24	-137.53	-219.65
48740	72.93	2.50	-9.50	479.22	400.85	-830.71	84.63	-113.74	-230.59
48741	74.15	2.50	-9.50	492.34	407.39	-831.95	81.58	-89.03	-239.78
48742	75.38	2.50	-9.50	501.84	412.60	-833.17	79.04	-63.60	-247.13
48743	76.61	2.50	-9.50	507.35	416.32	-834.07	76.97	-37.77	-252.56
48744	77.84	2.50	-9.50	508.62	418.48	-834.49	75.31	-11.91	-255.99
48745	59.51	3.10	-9.50	187.33	350.17	-790.33	198.60	-288.57	-66.71
48746	60.73	3.10	-9.50	228.04	348.93	-824.13	173.94	-294.54	-73.46
48747	61.95	3.10	-9.50	264.63	349.66	-848.31	154.63	-289.90	-84.98
48748	63.17	3.10	-9.50	297.03	352.56	-862.70	139.64	-278.34	-99.72
48749	64.40	3.10	-9.50	326.18	357.55	-869.27	127.99	-262.94	-116.31
48750	65.62	3.10	-9.50	353.16	364.35	-870.78	118.80	-245.52	-133.62
48751	66.84	3.10	-9.50	378.72	372.53	-869.71	111.30	-226.84	-150.84
48752	68.06	3.10	-9.50	403.10	381.56	-867.87	104.97	-207.11	-167.39
48753	69.28	3.10	-9.50	426.21	390.91	-866.29	99.44	-186.28	-182.86
48754	70.51	3.10	-9.50	447.69	400.11	-865.46	94.53	-164.29	-196.98
48755	71.73	3.10	-9.50	467.06	408.75	-865.47	90.14	-141.10	-209.56
48756	72.95	3.10	-9.50	483.79	416.48	-866.14	86.23	-116.77	-220.46
48757	74.17	3.10	-9.50	497.34	423.05	-867.19	82.79	-91.42	-229.59
48758	75.39	3.10	-9.50	507.23	428.24	-868.28	79.81	-65.29	-236.88
48759	76.62	3.10	-9.50	513.08	431.92	-869.13	77.24	-38.69	-242.26
48760	77.84	3.10	-9.50	514.64	433.99	-869.59	75.05	-11.99	-245.67
48761	59.42	2.50	-10.50	200.04	423.47	-742.69	233.11	-254.87	-72.43
48762	60.65	2.50	-10.50	246.89	425.92	-767.43	202.98	-260.11	-74.54
48763	61.88	2.50	-10.50	290.73	429.56	-785.07	178.70	-255.97	-81.99
48764	63.11	2.50	-10.50	331.16	434.76	-795.70	159.19	-245.27	-93.26
48765	64.33	2.50	-10.50	368.36	441.53	-800.67	143.55	-230.63	-106.98
48766	65.56	2.50	-10.50	402.78	449.68	-801.84	130.99	-213.85	-121.95
48767	66.79	2.50	-10.50	434.81	458.86	-801.01	120.85	-195.96	-137.27
48768	68.02	2.50	-10.50	464.60	468.61	-799.51	112.59	-177.40	-152.27
48769	69.24	2.50	-10.50	492.11	478.48	-798.18	105.86	-158.31	-166.44
48770	70.47	2.50	-10.50	517.09	488.03	-797.44	100.40	-138.70	-179.44
48771	71.70	2.50	-10.50	539.22	496.92	-797.35	96.07	-118.55	-191.07
48772	72.93	2.50	-10.50	558.13	504.84	-797.83	92.76	-97.88	-201.15
48773	74.15	2.50	-10.50	573.44	511.57	-798.64	90.37	-76.74	-209.61
48774	75.38	2.50	-10.50	584.83	516.95	-799.56	88.82	-55.28	-216.36
48775	76.61	2.50	-10.50	592.04	520.85	-800.38	88.00	-33.70	-221.36
48776	77.84	2.50	-10.50	594.91	523.18	-800.98	87.80	-12.25	-224.56
48777	59.51	3.10	-10.50	196.00	447.58	-773.04	230.03	-252.79	-57.39
48778	60.73	3.10	-10.50	244.35	449.07	-798.58	201.21	-260.11	-60.58
48779	61.95	3.10	-10.50	289.55	452.07	-817.12	177.96	-257.69	-69.08
48780	63.17	3.10	-10.50	331.22	456.80	-828.56	159.29	-248.30	-81.33
48781	64.40	3.10	-10.50	369.55	463.28	-834.10	144.35	-234.52	-95.93
48782	65.62	3.10	-10.50	404.95	471.28	-835.57	132.35	-218.25	-111.68
48783	66.84	3.10	-10.50	437.84	480.43	-834.78	122.61	-200.56	-127.65
48784	68.06	3.10	-10.50	468.40	490.24	-833.14	114.58	-181.95	-143.16
48785	69.28	3.10	-10.50	496.61	500.21	-831.55	107.92	-162.63	-157.71
48786	70.51	3.10	-10.50	522.28	509.89	-830.50	102.40	-142.65	-170.97
48787	71.73	3.10	-10.50	545.06	518.89	-830.12	97.88	-122.04	-182.75
48788	72.95	3.10	-10.50	564.59	526.90	-830.33	94.28	-100.82	-192.93
48789	74.17	3.10	-10.50	580.47	533.69	-830.95	91.53	-79.07	-201.42
48790	75.39	3.10	-10.50	592.37	539.07	-831.73	89.55	-56.95	-208.18
48791	76.62	3.10	-10.50	600.02	542.92	-832.48	88.26	-34.66	-213.18
48792	77.84	3.10	-10.50	603.26	545.15	-833.08	87.56	-12.45	-216.37
48793	58.39	2.50	-9.50	143.57	334.31	-712.18	238.75	-270.54	-83.31
48794	58.47	3.10	-9.50	138.48	352.87	-744.10	234.78	-265.71	-67.00
48795	57.54	2.50	-9.50	93.86	335.00	-661.58	294.59	-229.11	-92.55
48796	57.62	3.10	-9.50	87.10	353.91	-694.10	288.89	-221.74	-76.00
48797	56.70	2.50	-9.50	53.64	329.08	-623.60	370.22	-176.69	-104.97
48798	56.77	3.10	-9.50	49.48	346.81	-659.95	362.62	-170.51	-88.72
48799	55.85	2.50	-9.50	32.22	323.20	-624.24	492.49	-112.85	-88.57
48800	55.93	3.10	-9.50	42.35	323.53	-661.91	474.14	-126.99	-66.27
48801	55.01	2.50	-9.50	35.83	257.13	-603.65	792.60	61.90	34.10
48802	55.08	3.10	-9.50	131.60	284.60	-642.08	746.32	-2.21	115.56
48803	58.39	2.50	-10.50	145.03	420.50	-707.75	276.01	-235.30	-79.39
48804	58.47	3.10	-10.50	138.43	445.95	-737.15	271.53	-230.55	-63.19
48805	57.54	2.50	-10.50	83.69	413.87	-666.88	338.91	-198.22	-100.00
48806	57.62	3.10	-10.50	73.27	440.14	-695.93	333.49	-190.70	-82.99
48807	56.70	2.50	-10.50	22.73	397.60	-629.86	426.91	-150.32	-137.20

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]
48808	56.77	3.10	-10.50	9.15	420.35	-659.58	420.48	-144.04	-118.85
48809	55.85	2.50	-10.50	-49.24	353.52	-620.82	575.04	-104.44	-208.78
48810	55.93	3.10	-10.50	-68.71	365.56	-643.11	565.99	-113.48	-183.71
48811	55.01	2.50	-10.50	-139.65	258.93	-688.34	1018.87	1.09	-429.92
48812	55.08	3.10	-10.50	-186.15	227.73	-728.65	1000.43	-21.45	-364.64
48813	79.06	3.95	-9.50	519.45	454.20	-920.32	71.70	15.45	-229.92
48814	80.27	3.95	-9.50	512.42	452.68	-920.49	69.32	42.37	-229.28
48815	81.48	3.95	-9.50	501.11	449.43	-920.92	67.17	68.36	-226.57
48816	82.69	3.95	-9.50	485.85	444.49	-922.15	65.25	93.21	-221.74
48817	83.90	3.95	-9.50	467.15	437.94	-924.87	63.58	116.86	-214.69
48818	85.12	3.95	-9.50	445.65	429.93	-929.92	62.21	139.44	-205.31
48819	86.33	3.96	-9.50	422.17	420.66	-938.17	61.26	161.32	-193.46
48820	87.54	3.96	-9.50	397.63	410.38	-950.40	60.82	183.13	-179.00
48821	88.75	3.96	-9.50	372.97	399.46	-967.03	60.99	205.85	-161.72
48822	89.96	3.96	-9.50	349.07	388.31	-987.78	61.80	230.83	-141.39
48823	91.18	3.96	-9.50	326.40	377.42	-1011.06	63.08	259.68	-117.74
48824	92.39	3.96	-9.50	304.63	367.25	-1033.27	64.35	294.01	-90.56
48825	93.60	3.96	-9.50	282.07	358.10	-1048.33	64.74	334.37	-59.86
48826	94.81	3.96	-9.50	255.72	349.98	-1048.23	63.04	378.74	-26.22
48827	96.02	3.96	-9.50	222.42	342.58	-1025.25	58.12	421.17	8.92
48828	97.23	3.96	-9.50	180.86	335.41	-975.43	49.39	452.07	43.39
48829	79.05	5.05	-9.50	527.82	476.60	-987.47	69.29	16.67	-203.78
48830	80.24	5.05	-9.50	521.15	474.91	-988.21	65.99	45.06	-203.12
48831	81.44	5.06	-9.50	510.18	471.48	-989.47	62.95	72.63	-200.45
48832	82.63	5.06	-9.50	495.25	466.37	-991.78	60.20	99.20	-195.65
48833	83.83	5.06	-9.50	476.86	459.67	-995.80	57.80	124.71	-188.61
48834	85.03	5.06	-9.50	455.68	451.53	-1002.32	55.83	149.29	-179.16
48835	86.22	5.06	-9.50	432.53	442.17	-1012.15	54.41	173.31	-167.11
48836	87.42	5.07	-9.50	408.31	431.86	-1025.94	53.67	197.38	-152.25
48837	88.61	5.07	-9.50	383.96	420.95	-1043.92	53.70	222.45	-134.32
48838	89.81	5.07	-9.50	360.28	409.85	-1065.55	54.49	249.80	-113.06
48839	91.00	5.07	-9.50	337.63	399.01	-1088.90	55.82	280.95	-88.21
48840	92.20	5.07	-9.50	315.54	388.81	-1110.03	57.07	317.33	-59.61
48841	93.39	5.08	-9.50	292.27	379.40	-1122.65	57.16	359.25	-27.47
48842	94.59	5.08	-9.50	264.92	370.68	-1118.90	54.75	404.43	7.30
48843	95.78	5.08	-9.50	230.61	362.27	-1091.48	48.63	446.84	42.83
48844	96.98	5.08	-9.50	188.26	353.73	-1036.97	38.36	477.06	76.48
48845	79.04	6.15	-9.50	534.09	494.82	-1057.14	66.34	17.75	-172.67
48846	80.21	6.15	-9.50	527.82	493.01	-1058.41	62.21	47.42	-171.97
48847	81.39	6.16	-9.50	517.31	489.53	-1060.52	58.38	76.42	-169.31
48848	82.56	6.16	-9.50	502.88	484.44	-1063.94	54.90	104.59	-164.54
48849	83.74	6.16	-9.50	485.03	477.84	-1069.28	51.86	131.87	-157.49
48850	84.91	6.16	-9.50	464.43	469.89	-1077.27	49.37	158.41	-147.95
48851	86.09	6.16	-9.50	441.89	460.79	-1088.59	47.55	184.56	-135.68
48852	87.26	6.17	-9.50	418.29	450.82	-1103.73	46.54	210.92	-120.41
48853	88.44	6.17	-9.50	394.52	440.31	-1122.72	46.41	238.37	-101.85
48854	89.61	6.17	-9.50	371.29	429.63	-1144.71	47.12	268.11	-79.69
48855	90.79	6.17	-9.50	348.84	419.13	-1167.44	48.35	301.50	-53.70
48856	91.96	6.17	-9.50	326.57	409.07	-1186.67	49.36	339.75	-23.82
48857	93.14	6.18	-9.50	302.71	399.45	-1196.06	48.92	382.84	9.52
48858	94.31	6.18	-9.50	274.57	390.02	-1188.08	45.58	428.28	45.05
48859	95.49	6.18	-9.50	239.59	380.40	-1156.08	38.18	470.11	80.47
48860	96.66	6.18	-9.50	197.00	370.27	-1097.27	26.43	499.33	112.80
48861	79.03	7.25	-9.50	538.18	508.66	-1130.28	62.89	18.77	-135.88
48862	80.18	7.25	-9.50	532.38	506.78	-1131.94	58.08	49.45	-135.11
48863	81.33	7.25	-9.50	522.44	503.39	-1134.83	53.60	79.72	-132.50
48864	82.48	7.25	-9.50	508.68	498.52	-1139.29	49.53	109.36	-127.75
48865	83.63	7.25	-9.50	491.61	492.28	-1145.86	45.98	138.31	-120.66
48866	84.78	7.26	-9.50	471.86	484.79	-1155.12	43.06	166.72	-111.02
48867	85.93	7.26	-9.50	450.21	476.28	-1167.62	40.92	194.93	-98.54
48868	87.08	7.26	-9.50	427.50	466.99	-1183.66	39.68	223.54	-82.90
48869	88.23	7.26	-9.50	404.57	457.23	-1203.02	39.37	253.38	-63.76
48870	89.38	7.26	-9.50	382.00	447.27	-1224.56	39.89	285.46	-40.82
48871	90.53	7.26	-9.50	359.94	437.35	-1245.73	40.83	320.97	-13.89
48872	91.68	7.26	-9.50	337.64	427.56	-1262.11	41.35	360.87	16.95
48873	92.83	7.26	-9.50	313.34	417.74	-1267.47	40.11	404.80	51.10
48874	93.98	7.26	-9.50	284.64	407.50	-1254.79	35.65	449.98	86.92
48875	95.13	7.26	-9.50	249.37	396.51	-1218.27	26.91	490.66	121.68
48876	96.28	7.26	-9.50	207.05	384.63	-1155.77	13.76	518.63	152.15
48877	79.06	3.95	-10.50	613.16	575.06	-879.94	85.88	10.21	-203.65
48878	80.27	3.95	-10.50	607.78	573.62	-880.67	85.27	32.61	-203.08
48879	81.48	3.95	-10.50	598.06	570.38	-881.78	84.95	54.30	-200.56
48880	82.69	3.95	-10.50	584.30	565.36	-883.67	84.86	75.23	-196.01
48881	83.90	3.95	-10.50	566.90	558.60	-886.87	84.98	95.46	-189.29
48882	85.12	3.95	-10.50	546.37	550.20	-892.00	85.28	115.26	-180.26
48883	86.33	3.96	-10.50	523.32	540.28	-899.68	85.79	135.11	-168.76
48884	87.54	3.96	-10.50	498.38	529.02	-910.41	86.53	155.71	-154.60
48885	88.75	3.96	-10.50	472.15	516.67	-924.35	87.50	177.97	-137.60
48886	89.96	3.96	-10.50	445.01	503.56	-941.01	88.61	203.00	-117.62
48887	91.18	3.96	-10.50	416.97	490.03	-958.82	89.58	231.88	-94.59
48888	92.39	3.96	-10.50	387.39	476.39	-974.82	89.86	265.27	-68.62
48889	93.60	3.96	-10.50	354.93	462.78	-984.55	88.61	302.64	-40.06
48890	94.81	3.96	-10.50	317.84	449.14	-982.78	84.84	341.39	-9.69
48891	96.02	3.96	-10.50	274.84	435.20	-964.94	77.76	376.29	21.23
48892	97.23	3.96	-10.50	226.17	420.71	-929.04	67.02	400.07	51.12
48893	79.05	5.05	-10.50	626.04	609.88	-941.52	83.42	11.15	-181.97
48894	80.24	5.05	-10.50	621.06	608.18	-942.69	81.85	34.97	-181.31
48895	81.44	5.06	-10.50	611.68	604.62	-944.47	80.58	58.20	-178.68
48896	82.63	5.06	-10.50	598.19	599.23	-947.26	79.57	80.80	-173.96
48897	83.83	5.06	-10.50	580.99	592.05	-951.55	78.81	102.86	-166.99
48898	85.03	5.06	-10.50	560.59	583.18	-957.91	78.32	124.65	-157.57
48899	86.22	5.06	-10.50	537.62	572.74	-966.90	78.12	146.63	-145.50
48900	87.42	5.07	-10.50	512.70	560.90	-978.93	78.25	169.46	-130.53
48901	88.61	5.07	-10.50	486.41	547.92	-993.97	78.72	193.99	-112.48
48902	89.81	5.07	-10.50	459.09	534.10	-1011.32	79.42	221.20	-91.22
48903	91.00	5.07	-10.50	430.65	519.77	-1029.13	80.03	252.02	-66.77
48904	92.20	5.07	-10.50	400.37	505.21	-1044.20	79.91	286.95	-39.39
48905	93.39	5.08	-10.50	366.90	490.51	-1051.97	78.09	325.28	-9.67
48906	94.59	5.08	-10.50	328.65	475.53	-1047.35	73.49	364.34	21.32

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]
48907	95.78	5.08	-10.50	284.54	460.00	-1026.15	65.31	398.95	52.05
48908	96.98	5.08	-10.50	235.02	443.67	-986.77	53.37	422.01	80.70
48909	79.04	6.15	-10.50	636.84	640.15	-1005.13	80.36	12.01	-155.89
48910	80.21	6.15	-10.50	632.28	638.23	-1006.68	77.88	37.13	-155.13
48911	81.39	6.16	-10.50	623.32	634.47	-1009.12	75.70	61.81	-152.37
48912	82.56	6.16	-10.50	610.23	628.88	-1012.81	73.83	86.04	-147.46
48913	83.74	6.16	-10.50	593.41	621.51	-1018.17	72.25	109.90	-140.20
48914	84.91	6.16	-10.50	573.37	612.45	-1025.73	71.00	133.66	-130.38
48915	86.09	6.16	-10.50	550.72	601.80	-1035.94	70.11	157.78	-117.72
48916	87.26	6.17	-10.50	526.06	589.75	-1049.06	69.62	182.87	-101.97
48917	88.44	6.17	-10.50	499.96	576.50	-1064.92	69.52	209.68	-82.91
48918	89.61	6.17	-10.50	472.70	562.31	-1082.55	69.69	239.03	-60.45
48919	90.79	6.17	-10.50	444.10	547.46	-1099.87	69.79	271.66	-34.71
48920	91.96	6.17	-10.50	413.38	532.15	-1113.43	69.08	307.82	-6.12
48921	93.14	6.18	-10.50	379.20	516.40	-1118.69	66.51	346.66	24.47
48922	94.31	6.18	-10.50	340.14	500.03	-1110.84	60.98	385.49	55.70
48923	95.49	6.18	-10.50	295.39	482.77	-1086.19	51.71	419.33	85.80
48924	96.66	6.18	-10.50	245.59	464.53	-1043.57	38.67	441.45	112.79
48925	79.03	7.25	-10.50	645.42	664.97	-1071.16	76.72	12.80	-124.34
48926	80.18	7.25	-10.50	641.30	662.85	-1072.92	73.44	39.09	-123.48
48927	81.33	7.25	-10.50	632.85	658.99	-1075.94	70.47	65.14	-120.62
48928	82.48	7.25	-10.50	620.31	653.38	-1080.43	67.81	90.92	-115.53
48929	83.63	7.25	-10.50	604.07	646.03	-1086.72	65.49	116.51	-107.98
48930	84.78	7.26	-10.50	584.62	637.03	-1095.24	63.55	142.19	-97.76
48931	85.93	7.26	-10.50	562.52	626.49	-1106.33	62.01	168.40	-84.60
48932	87.08	7.26	-10.50	538.38	614.54	-1120.10	60.90	195.69	-68.19
48933	88.23	7.26	-10.50	512.70	601.37	-1136.18	60.19	224.72	-48.32
48934	89.38	7.26	-10.50	485.71	587.16	-1153.41	59.71	256.11	-24.91
48935	90.53	7.26	-10.50	457.21	572.06	-1169.51	59.08	290.34	1.77
48936	91.68	7.26	-10.50	426.31	556.21	-1180.91	57.57	327.47	31.14
48937	92.83	7.26	-10.50	391.74	539.50	-1183.17	54.05	366.47	62.17
48938	93.98	7.26	-10.50	352.29	521.72	-1171.86	47.46	404.60	93.24
48939	95.13	7.26	-10.50	307.41	502.72	-1143.87	37.13	437.24	122.29
48940	96.28	7.26	-10.50	257.87	482.52	-1098.50	23.12	458.26	147.22
48941	98.27	3.96	-9.50	126.34	326.98	-887.42	35.44	459.07	79.00
48942	99.12	3.96	-9.50	67.63	316.74	-769.79	16.78	422.14	111.56
48943	99.98	3.96	-9.50	23.71	305.61	-654.57	-1.83	339.41	136.62
48944	100.83	3.96	-9.50	-0.59	293.37	-559.38	-18.69	222.88	156.12
48945	101.69	3.96	-9.50	-2.35	273.79	-511.66	-34.63	79.71	170.14
48946	98.01	5.08	-9.50	132.51	343.37	-942.14	22.43	482.54	109.55
48947	98.87	5.08	-9.50	72.31	330.79	-815.71	1.91	441.97	136.83
48948	99.74	5.08	-9.50	27.69	317.66	-692.16	-17.25	353.31	154.46
48949	100.60	5.07	-9.50	4.07	303.69	-589.95	-33.37	229.14	165.19
48950	101.47	5.07	-9.50	3.34	286.16	-532.16	-48.85	75.17	170.20
48951	97.69	6.18	-9.50	140.50	357.73	-996.11	8.52	503.50	142.91
48952	98.57	6.18	-9.50	79.09	342.58	-861.16	-13.96	459.90	164.42
48953	99.44	6.18	-9.50	33.96	327.39	-729.46	-33.87	365.91	174.00
48954	100.32	6.18	-9.50	10.87	312.35	-620.13	-49.62	234.40	175.75
48955	101.20	6.17	-9.50	10.15	296.57	-552.34	-63.53	70.01	171.01
48956	97.31	7.26	-9.50	150.28	369.75	-1048.95	-6.04	521.77	178.96
48957	98.20	7.26	-9.50	87.87	351.84	-905.90	-30.57	475.84	194.31
48958	99.09	7.26	-9.50	42.11	334.69	-766.37	-51.39	377.33	195.43
48959	99.98	7.26	-9.50	19.02	318.72	-650.44	-66.76	239.29	187.60
48960	100.87	7.26	-9.50	17.73	304.40	-573.38	-78.66	65.70	172.34
48961	98.27	3.96	-10.50	166.45	403.19	-866.68	50.78	403.25	82.20
48962	99.12	3.96	-10.50	102.22	382.32	-782.37	28.70	369.61	111.45
48963	99.98	3.96	-10.50	49.84	360.56	-697.38	5.29	296.28	134.77
48964	100.83	3.96	-10.50	14.20	337.33	-629.38	-17.00	191.05	153.48
48965	101.69	3.96	-10.50	3.97	303.21	-599.63	-36.27	65.98	163.74
48966	98.01	5.08	-10.50	173.99	423.67	-919.53	35.69	423.81	109.05
48967	98.87	5.08	-10.50	108.27	399.73	-828.97	12.31	387.12	133.33
48968	99.74	5.08	-10.50	55.14	375.14	-737.93	-11.43	308.78	149.96
48969	100.60	5.07	-10.50	20.09	349.01	-664.05	-33.24	197.01	160.67
48970	101.47	5.07	-10.50	11.14	318.67	-628.01	-54.35	61.02	164.16
48971	97.69	6.18	-10.50	183.69	441.94	-971.73	19.63	442.11	138.05
48972	98.57	6.18	-10.50	116.64	414.79	-875.08	-5.09	402.90	156.94
48973	99.44	6.18	-10.50	62.86	387.34	-778.11	-29.31	320.15	166.36
48974	100.32	6.18	-10.50	28.04	359.71	-698.39	-51.16	202.09	169.11
48975	101.20	6.17	-10.50	18.62	331.27	-658.67	-71.33	56.03	164.96
48976	97.31	7.26	-10.50	195.53	457.34	-1022.57	2.85	458.06	169.14
48977	98.20	7.26	-10.50	127.23	426.91	-920.19	-23.25	416.98	182.38
48978	99.09	7.26	-10.50	72.59	396.77	-817.54	-48.10	330.49	184.26
48979	99.98	7.26	-10.50	37.16	367.58	-732.48	-69.68	206.99	178.54
48980	100.87	7.26	-10.50	26.52	341.21	-689.80	-87.79	52.10	166.14
48981	59.67	3.96	-9.50	185.49	373.48	-838.81	193.27	-287.00	-39.97
48982	60.88	3.96	-9.50	227.14	371.50	-873.92	170.58	-296.01	-48.52
48983	62.09	3.96	-9.50	264.80	371.73	-899.69	152.76	-293.69	-61.77
48984	63.30	3.96	-9.50	298.26	374.23	-915.51	138.99	-283.72	-78.12
48985	64.51	3.96	-9.50	328.32	378.87	-923.09	128.38	-269.27	-96.09
48986	65.72	3.96	-9.50	356.03	385.39	-925.05	120.02	-252.28	-114.53
48987	66.94	3.96	-9.50	382.15	393.35	-923.96	113.15	-233.66	-132.61
48988	68.15	3.96	-9.50	407.01	402.24	-921.73	107.21	-213.70	-149.77
48989	69.36	3.96	-9.50	430.56	411.50	-919.57	101.85	-192.44	-165.62
48990	70.57	3.96	-9.50	452.49	420.64	-918.10	96.89	-169.87	-179.95
48991	71.78	3.95	-9.50	472.32	429.23	-917.47	92.28	-146.00	-192.60
48992	73.00	3.95	-9.50	489.52	436.92	-917.60	88.00	-120.88	-203.50
48993	74.21	3.95	-9.50	503.53	443.41	-918.21	84.06	-94.65	-212.59
48994	75.42	3.95	-9.50	513.87	448.51	-918.98	80.48	-67.57	-219.81
48995	76.63	3.95	-9.50	520.13	452.07	-919.67	77.24	-39.94	-225.14
48996	77.84	3.95	-9.50	522.03	453.98	-920.10	74.33	-12.15	-228.53
48997	59.92	5.08	-9.50	186.66	401.03	-903.38	184.83	-287.43	1.77
48998	61.12	5.08	-9.50	228.59	398.51	-940.40	164.76	-300.07	-9.69
48999	62.31	5.08	-9.50	266.95	398.36	-968.39	148.91	-300.40	-25.70
49000	63.51	5.08	-9.50	301.29	400.46	-986.22	136.73	-292.15	-44.55
49001	64.70	5.07	-9.50	332.15	404.67	-995.20	127.46	-278.57	-64.69
49002	65.90	5.07	-9.50	360.46	410.75	-997.80	120.24	-261.79	-84.92
49003	67.09	5.07	-9.50	386.99	418.29	-996.65	114.25	-242.91	-104.38
49004	68.29	5.07	-9.50	412.15	426.80	-993.85	108.90	-222.38	-122.52
49005	69.48	5.07	-9.50	435.97	435.73	-990.83	103.85	-200.36	-139.02



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]
49006	70.68	5.06	-9.50	458.19	444.59	-988.39	98.94	-176.89	-153.72
49007	71.87	5.06	-9.50	478.36	452.93	-986.82	94.13	-152.04	-166.56
49008	73.07	5.06	-9.50	495.93	460.39	-986.10	89.45	-125.87	-177.53
49009	74.27	5.06	-9.50	510.34	466.67	-986.01	84.94	-98.54	-186.61
49010	75.46	5.06	-9.50	521.08	471.55	-986.29	80.65	-70.27	-193.80
49011	76.66	5.05	-9.50	527.74	474.89	-986.67	76.62	-41.38	-199.08
49012	77.85	5.05	-9.50	530.03	476.58	-987.02	72.83	-12.28	-202.42
49013	60.24	6.18	-9.50	191.78	423.95	-967.72	175.79	-292.25	50.90
49014	61.41	6.18	-9.50	233.05	421.63	-1007.21	158.06	-307.73	35.91
49015	62.59	6.18	-9.50	271.45	421.64	-1037.91	143.91	-310.04	16.71
49016	63.76	6.18	-9.50	306.14	423.69	-1058.21	133.15	-302.88	-5.02
49017	64.94	6.17	-9.50	337.35	427.63	-1068.99	125.12	-289.57	-27.68
49018	66.11	6.17	-9.50	365.84	433.25	-1072.55	118.97	-272.43	-49.94
49019	67.29	6.17	-9.50	392.36	440.26	-1071.56	113.85	-252.80	-70.94
49020	68.46	6.17	-9.50	417.42	448.20	-1068.35	109.13	-231.31	-90.17
49021	69.64	6.17	-9.50	441.12	456.60	-1064.58	104.46	-208.22	-107.39
49022	70.81	6.16	-9.50	463.26	464.96	-1061.22	99.69	-183.68	-122.53
49023	71.99	6.16	-9.50	483.40	472.86	-1058.73	94.80	-157.75	-135.62
49024	73.16	6.16	-9.50	501.02	479.93	-1057.17	89.84	-130.51	-146.70
49025	74.34	6.16	-9.50	515.55	485.87	-1056.40	84.87	-102.10	-155.82
49026	75.51	6.16	-9.50	526.48	490.44	-1056.16	79.99	-72.71	-163.00
49027	76.69	6.15	-9.50	533.39	493.49	-1056.22	75.25	-42.66	-168.20
49028	77.86	6.15	-9.50	535.96	494.96	-1056.48	70.71	-12.36	-171.43
49029	60.62	7.26	-9.50	199.60	441.03	-1029.19	167.23	-302.46	105.73
49030	61.77	7.26	-9.50	239.89	439.87	-1072.12	151.25	-319.71	87.16
49031	62.92	7.26	-9.50	278.00	440.71	-1106.37	138.43	-323.11	64.68
49032	64.07	7.26	-9.50	312.69	443.19	-1129.89	128.76	-316.22	39.95
49033	65.22	7.26	-9.50	343.90	447.12	-1143.18	121.73	-302.39	14.73
49034	66.37	7.26	-9.50	372.18	452.40	-1148.35	116.50	-284.22	-9.56
49035	67.52	7.26	-9.50	398.30	458.87	-1148.12	112.13	-263.31	-32.07
49036	68.67	7.26	-9.50	422.86	466.15	-1145.02	107.99	-240.45	-52.39
49037	69.82	7.26	-9.50	446.06	473.87	-1140.93	103.73	-216.02	-70.35
49038	70.97	7.26	-9.50	467.73	481.60	-1137.03	99.17	-190.22	-85.96
49039	72.12	7.26	-9.50	487.48	488.94	-1133.92	94.30	-163.15	-99.33
49040	73.27	7.25	-9.50	504.80	495.52	-1131.78	89.17	-134.85	-110.61
49041	74.42	7.25	-9.50	519.14	501.03	-1130.51	83.85	-105.41	-119.87
49042	75.57	7.25	-9.50	530.00	505.20	-1129.90	78.46	-74.94	-127.10
49043	76.72	7.25	-9.50	536.97	507.85	-1129.64	73.12	-43.68	-132.16
49044	77.87	7.25	-9.50	539.73	509.00	-1129.65	67.95	-12.22	-134.98
49045	59.67	3.96	-10.50	193.82	479.75	-818.16	223.58	-251.29	-31.39
49046	60.88	3.96	-10.50	243.37	480.31	-844.80	197.00	-261.44	-36.54
49047	62.09	3.96	-10.50	289.84	482.67	-864.61	175.48	-261.29	-46.83
49048	63.30	3.96	-10.50	332.81	486.96	-877.20	158.22	-253.55	-60.71
49049	64.51	3.96	-10.50	372.34	493.16	-883.55	144.45	-240.85	-76.78
49050	65.72	3.96	-10.50	408.80	501.01	-885.40	133.38	-225.12	-93.84
49051	66.94	3.96	-10.50	442.61	510.12	-884.57	124.31	-207.53	-110.92
49052	68.15	3.96	-10.50	473.99	519.97	-882.58	116.70	-188.70	-127.31
49053	69.36	3.96	-10.50	502.97	530.01	-880.47	110.22	-168.91	-142.52
49054	70.57	3.96	-10.50	529.38	539.77	-878.83	104.66	-148.30	-156.25
49055	71.78	3.95	-10.50	552.89	548.83	-877.88	99.94	-126.95	-168.33
49056	73.00	3.95	-10.50	573.12	556.87	-877.59	95.98	-104.93	-178.69
49057	74.21	3.95	-10.50	589.67	563.64	-877.78	92.75	-82.32	-187.29
49058	75.42	3.95	-10.50	602.17	568.96	-878.26	90.19	-59.27	-194.11
49059	76.63	3.95	-10.50	610.36	572.69	-878.82	88.25	-36.00	-199.12
49060	77.84	3.95	-10.50	614.04	574.74	-879.36	86.84	-12.77	-202.32
49061	59.92	5.08	-10.50	195.48	516.96	-878.33	213.29	-251.81	8.72
49062	61.12	5.08	-10.50	245.44	516.93	-906.50	189.88	-265.26	0.47
49063	62.31	5.08	-10.50	292.74	519.00	-928.10	170.76	-267.69	-12.53
49064	63.51	5.08	-10.50	336.77	523.14	-942.33	155.44	-261.80	-28.85
49065	64.70	5.07	-10.50	377.36	529.23	-949.84	143.27	-250.20	-47.13
49066	65.90	5.07	-10.50	414.75	537.02	-952.21	133.48	-234.90	-66.16
49067	67.09	5.07	-10.50	449.35	546.11	-951.30	125.36	-217.18	-84.93
49068	68.29	5.07	-10.50	481.43	555.94	-948.79	118.37	-197.80	-102.68
49069	69.48	5.07	-10.50	511.08	565.96	-945.92	112.19	-177.20	-118.92
49070	70.68	5.06	-10.50	538.15	575.68	-943.42	106.66	-155.62	-133.39
49071	71.87	5.06	-10.50	562.34	584.69	-941.62	101.74	-133.23	-145.97
49072	73.07	5.06	-10.50	583.23	592.65	-940.57	97.38	-110.11	-156.66
49073	74.27	5.06	-10.50	600.42	599.31	-940.13	93.59	-86.36	-165.46
49074	75.46	5.06	-10.50	613.54	604.47	-940.13	90.34	-62.14	-172.40
49075	76.66	5.05	-10.50	622.29	608.00	-940.39	87.60	-37.65	-177.47
49076	77.85	5.05	-10.50	626.47	609.80	-940.80	85.32	-13.14	-180.68
49077	60.24	6.18	-10.50	202.43	546.85	-938.22	202.41	-256.50	54.60
49078	61.41	6.18	-10.50	251.54	547.34	-968.31	182.01	-272.46	42.89
49079	62.59	6.18	-10.50	298.79	550.04	-992.10	165.15	-276.81	26.94
49080	63.76	6.18	-10.50	343.15	554.69	-1008.34	151.64	-272.22	7.98
49081	64.94	6.17	-10.50	384.19	561.11	-1017.32	140.96	-261.25	-12.71
49082	66.11	6.17	-10.50	421.97	569.07	-1020.43	132.39	-245.92	-33.86
49083	67.29	6.17	-10.50	456.85	578.18	-1019.62	125.17	-227.65	-54.41
49084	68.46	6.17	-10.50	489.16	587.94	-1016.73	118.79	-207.38	-73.58
49085	69.64	6.17	-10.50	519.05	597.83	-1013.20	112.95	-185.69	-90.88
49086	70.81	6.16	-10.50	546.39	607.39	-1009.92	107.53	-162.97	-106.11
49087	71.99	6.16	-10.50	570.87	616.22	-1007.35	102.49	-139.41	-119.22
49088	73.16	6.16	-10.50	592.10	624.00	-1005.59	97.82	-115.15	-130.27
49089	74.34	6.16	-10.50	609.65	630.47	-1004.58	93.55	-90.27	-139.32
49090	75.51	6.16	-10.50	623.16	635.42	-1004.12	89.67	-64.89	-146.41
49091	76.69	6.15	-10.50	632.30	638.72	-1004.05	86.21	-39.21	-151.53
49092	77.86	6.15	-10.50	636.87	640.30	-1004.32	83.13	-13.48	-154.70
49093	60.62	7.26	-10.50	213.21	568.25	-995.51	192.52	-266.02	104.36
49094	61.77	7.26	-10.50	260.89	570.54	-1028.09	174.58	-283.48	89.38
49095	62.92	7.26	-10.50	307.53	574.74	-1054.58	159.58	-288.97	70.59
49096	64.07	7.26	-10.50	351.73	580.56	-1073.32	147.53	-284.99	49.06
49097	65.22	7.26	-10.50	392.72	587.73	-1084.23	138.04	-273.99	26.07
49098	66.37	7.26	-10.50	430.39	596.05	-1088.57	130.44	-258.06	2.98
49099	67.52	7.26	-10.50	465.06	605.26	-1088.34	123.96	-238.80	-19.14
49100	68.67	7.26	-10.50	497.18	614.92	-1085.56	118.10	-217.30	-39.54
49101	69.82	7.26	-10.50	526.89	624.61	-1081.85	112.60	-194.28	-57.76
49102	70.97	7.26	-10.50	554.08	633.95	-1078.22	107.32	-170.26	-73.63
49103	72.12	7.26	-10.50	578.47	642.56	-1075.24	102.23	-145.49	-87.21
49104	73.27	7.25	-10.50	599.66	650.14	-1073.11	97.33	-120.07	-98.59

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]
49105	74.42	7.25	-10.50	617.26	656.41	-1071.77	92.65	-94.07	-107.90
49106	75.57	7.25	-10.50	630.89	661.13	-1071.03	88.21	-67.55	-115.17
49107	76.72	7.25	-10.50	640.25	664.12	-1070.64	84.07	-40.65	-120.33
49108	77.87	7.25	-10.50	645.11	665.38	-1070.55	80.27	-13.71	-123.34
49109	55.21	3.96	-9.50	232.72	313.71	-619.67	750.56	-94.79	175.18
49110	56.07	3.96	-9.50	66.17	338.62	-734.46	458.95	-134.98	-48.79
49111	56.92	3.96	-9.50	47.79	373.90	-712.90	350.77	-157.47	-61.60
49112	57.78	3.96	-9.50	82.36	381.71	-743.11	278.04	-210.09	-46.97
49113	58.63	3.96	-9.50	135.20	377.94	-791.55	226.70	-259.71	-38.34
49114	55.43	5.07	-9.50	307.95	335.86	-635.41	717.08	-138.72	149.82
49115	56.30	5.07	-9.50	86.76	379.27	-834.21	449.92	-118.17	-28.29
49116	57.16	5.08	-9.50	48.10	416.84	-784.85	331.95	-131.23	-20.30
49117	58.03	5.08	-9.50	82.66	416.71	-806.84	259.73	-195.23	0.70
49118	58.89	5.08	-9.50	136.19	407.20	-854.46	214.10	-254.38	6.65
49119	55.70	6.17	-9.50	362.20	388.57	-720.07	698.17	-76.36	80.30
49120	56.58	6.18	-9.50	87.65	448.77	-945.06	425.77	-49.23	-4.14
49121	57.46	6.18	-9.50	55.55	465.96	-851.38	300.38	-99.06	43.22
49122	58.33	6.18	-9.50	91.84	444.23	-867.33	238.55	-183.97	60.03
49123	59.21	6.18	-9.50	142.67	430.50	-916.22	201.30	-253.71	60.29
49124	56.03	7.26	-9.50	331.84	515.75	-944.86	674.47	217.55	-21.94
49125	56.92	7.26	-9.50	104.43	544.66	-1027.53	357.28	38.28	89.12
49126	57.81	7.26	-9.50	78.28	492.89	-902.33	261.46	-76.71	126.24
49127	58.70	7.26	-9.50	106.17	459.41	-920.38	221.20	-179.77	127.61
49128	59.59	7.26	-9.50	152.21	446.57	-973.25	189.95	-259.73	120.72
49129	55.21	3.96	-10.50	-216.16	188.18	-765.46	978.03	-86.27	-306.39
49130	56.07	3.96	-10.50	-82.20	390.34	-681.49	556.66	-122.85	-147.98
49131	56.92	3.96	-10.50	-2.58	457.46	-707.58	408.22	-132.15	-88.28
49132	57.78	3.96	-10.50	65.11	477.90	-740.23	321.18	-180.18	-52.23
49133	58.63	3.96	-10.50	134.07	480.41	-781.27	262.09	-224.99	-34.64
49134	55.43	5.07	-10.50	-253.45	165.51	-841.64	986.51	-133.64	-290.34
49135	56.30	5.07	-10.50	-98.89	443.09	-752.27	546.28	-112.79	-106.22
49136	57.16	5.08	-10.50	-9.56	514.21	-774.12	384.26	-110.72	-39.27
49137	58.03	5.08	-10.50	63.83	523.45	-799.61	299.32	-167.75	-3.26
49138	58.89	5.08	-10.50	135.06	519.61	-840.18	246.96	-220.47	9.55
49139	55.70	6.17	-10.50	-316.57	238.61	-1006.68	988.07	-74.57	-297.82
49140	56.58	6.18	-10.50	-111.20	542.95	-844.54	508.38	-66.29	-48.56
49141	57.46	6.18	-10.50	-0.44	572.11	-839.57	343.57	-85.61	27.61
49142	58.33	6.18	-10.50	75.13	558.21	-857.41	273.74	-159.34	55.40
49143	59.21	6.18	-10.50	143.55	549.69	-898.36	231.29	-220.66	60.48
49144	56.03	7.26	-10.50	-338.39	473.92	-1254.80	872.41	96.41	-238.87
49145	56.92	7.26	-10.50	-79.22	660.74	-930.70	409.17	-5.48	60.63
49146	57.81	7.26	-10.50	33.51	603.02	-893.74	295.47	-68.81	108.53
49147	58.70	7.26	-10.50	94.72	576.70	-909.90	252.07	-157.76	119.26
49148	59.59	7.26	-10.50	156.95	569.57	-952.76	217.43	-226.83	115.68
49149	95.95	8.10	-9.50	215.80	394.39	-1200.51	3.34	531.90	185.41
49150	95.68	8.70	-9.50	222.91	400.49	-1232.09	-4.22	539.86	210.86
49151	94.82	8.10	-9.50	257.60	407.72	-1265.38	17.52	505.09	156.81
49152	94.56	8.70	-9.50	263.94	414.87	-1298.25	10.62	514.11	183.80
49153	93.69	8.10	-9.50	292.83	419.80	-1305.26	27.33	465.60	122.93
49154	93.45	8.70	-9.50	298.95	427.69	-1340.35	21.20	475.67	150.59
49155	92.56	8.10	-9.50	321.81	430.72	-1321.74	32.83	420.84	87.17
49156	92.34	8.70	-9.50	328.16	439.15	-1359.55	27.52	431.18	115.03
49157	91.43	8.10	-9.50	346.34	440.64	-1319.95	34.87	376.39	52.73
49158	91.23	8.70	-9.50	352.59	449.05	-1360.59	30.09	386.35	80.73
49159	90.30	8.10	-9.50	368.54	450.13	-1306.39	34.88	335.38	21.46
49160	90.12	8.70	-9.50	374.64	458.46	-1349.49	30.60	344.80	49.44
49161	89.18	8.10	-9.50	390.20	459.52	-1287.08	34.35	298.35	-6.04
49162	89.01	8.70	-9.50	395.95	467.48	-1332.04	30.49	306.86	21.55
49163	88.05	8.10	-9.50	412.12	468.71	-1266.48	34.08	264.46	-29.55
49164	87.90	8.70	-9.50	417.28	476.09	-1312.61	30.42	271.66	-2.36
49165	86.92	8.10	-9.50	434.24	477.70	-1247.31	34.56	232.81	-49.09
49166	86.79	8.70	-9.50	438.73	484.51	-1293.97	31.10	238.79	-22.14
49167	85.79	8.10	-9.50	456.06	486.26	-1230.93	35.99	202.49	-65.01
49168	85.67	8.70	-9.50	459.82	492.46	-1277.65	32.67	207.33	-38.30
49169	84.66	8.10	-9.50	476.83	494.10	-1217.75	38.35	172.72	-77.70
49170	84.56	8.70	-9.50	479.84	499.75	-1264.21	35.16	176.52	-51.18
49171	83.53	8.10	-9.50	495.74	501.02	-1207.66	41.53	142.93	-87.48
49172	83.45	8.70	-9.50	498.04	506.18	-1253.65	38.49	145.81	-61.12
49173	82.40	8.10	-9.50	512.06	506.82	-1200.23	45.40	112.76	-94.64
49174	82.34	8.70	-9.50	513.72	511.57	-1245.69	42.55	114.84	-68.41
49175	81.27	8.10	-9.50	525.17	511.34	-1194.99	49.84	82.05	-99.43
49176	81.23	8.70	-9.50	526.29	515.79	-1239.92	47.19	83.42	-73.28
49177	80.14	8.10	-9.50	534.60	514.53	-1191.47	54.68	50.84	-101.97
49178	80.12	8.70	-9.50	535.30	518.70	-1235.94	52.26	51.56	-75.87
49179	79.01	8.10	-9.50	539.98	516.48	-1189.63	59.84	19.63	-102.75
49180	79.01	8.70	-9.50	540.51	520.63	-1233.87	57.38	19.86	-76.15
49181	95.95	8.10	-10.50	268.65	494.60	-1140.23	10.38	469.83	176.25
49182	95.68	8.70	-10.50	277.43	501.94	-1169.51	1.12	476.81	198.66
49183	94.82	8.10	-10.50	317.63	516.30	-1187.30	25.06	449.79	153.25
49184	94.56	8.70	-10.50	325.55	524.66	-1217.38	16.20	457.67	177.14
49185	93.69	8.10	-10.50	362.27	536.57	-1217.65	36.20	418.34	125.27
49186	93.45	8.70	-10.50	369.72	545.73	-1249.16	27.92	427.16	149.92
49187	92.56	8.10	-10.50	401.75	555.41	-1231.63	43.74	380.89	94.57
49188	92.34	8.70	-10.50	409.23	565.30	-1264.92	36.23	390.14	119.58
49189	91.43	8.10	-10.50	436.42	572.73	-1231.93	48.17	341.86	63.56
49190	91.23	8.70	-10.50	443.62	582.83	-1267.22	41.23	350.99	88.93
49191	90.30	8.10	-10.50	467.24	588.86	-1222.63	50.44	304.13	34.01
49192	90.12	8.70	-10.50	474.24	599.14	-1259.78	44.15	313.03	59.64
49193	89.18	8.10	-10.50	495.53	604.00	-1208.01	51.81	268.81	6.90
49194	89.01	8.70	-10.50	502.32	614.26	-1246.68	46.15	277.13	32.38
49195	88.05	8.10	-10.50	522.17	618.01	-1191.62	52.89	235.92	-17.03
49196	87.90	8.70	-10.50	528.56	627.99	-1231.38	47.66	243.18	8.20
49197	86.92	8.10	-10.50	547.36	630.92	-1175.82	54.11	205.23	-37.38
49198	86.79	8.70	-10.50	553.30	640.65	-1216.20	49.30	211.44	-12.32
49199	85.79	8.10	-10.50	570.94	642.59	-1161.91	55.71	176.30	-54.20
49200	85.67	8.70	-10.50	576.35	652.01	-1202.52	51.26	181.46	-29.39
49201	84.66	8.10	-10.50	592.43	652.87	-1150.40	57.73	148.55	-67.75
49202	84.56	8.70	-10.50	597.28	662.00	-1190.95	53.62	152.70	-43.19
49203	83.53	8.10	-10.50	611.27	661.65	-1141.31	60.17	121.45	-78.28

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]
49204	83.45	8.70	-10.50	615.56	670.51	-1181.61	56.40	124.64	-53.96
49205	82.40	8.10	-10.50	626.92	668.82	-1134.40	63.01	94.56	-86.08
49206	82.34	8.70	-10.50	630.69	677.47	-1174.36	59.58	96.89	-61.97
49207	81.27	8.10	-10.50	638.92	674.33	-1129.34	66.22	67.62	-91.36
49208	81.23	8.70	-10.50	642.23	682.81	-1168.96	63.14	69.18	-67.42
49209	80.14	8.10	-10.50	646.91	678.12	-1125.87	69.74	40.53	-94.30
49210	80.12	8.70	-10.50	649.83	686.44	-1165.15	67.02	41.38	-70.48
49211	79.01	8.10	-10.50	650.66	680.36	-1124.07	73.49	13.44	-95.13
49212	79.01	8.70	-10.50	653.38	688.57	-1163.17	70.96	13.59	-71.03
49213	100.59	8.10	-9.50	24.11	307.88	-591.59	-90.32	62.83	173.08
49214	100.36	8.70	-9.50	29.98	309.08	-606.00	-98.59	60.10	173.12
49215	99.68	8.10	-9.50	26.16	322.13	-674.21	-80.53	242.76	197.59
49216	99.44	8.70	-9.50	31.80	323.59	-691.25	-90.65	245.29	206.04
49217	98.78	8.10	-9.50	49.51	338.72	-795.15	-65.54	385.54	213.35
49218	98.52	8.70	-9.50	55.64	340.64	-815.80	-75.83	390.96	227.15
49219	97.87	8.10	-9.50	95.89	357.41	-940.62	-43.98	487.02	219.17
49220	97.61	8.70	-9.50	102.55	360.44	-965.43	-53.73	494.23	238.41
49221	96.97	8.10	-9.50	159.03	377.56	-1089.74	-17.84	534.30	209.09
49222	96.69	8.70	-9.50	166.14	382.26	-1118.85	-26.34	542.11	232.26
49223	100.59	8.10	-10.50	32.90	345.64	-714.43	-99.86	49.51	166.86
49224	100.36	8.70	-10.50	38.77	345.58	-732.18	-108.23	46.75	166.58
49225	99.68	8.10	-10.50	45.03	371.58	-758.80	-84.49	210.26	186.52
49226	99.44	8.70	-10.50	51.15	373.17	-777.56	-95.42	212.31	193.78
49227	98.78	8.10	-10.50	81.22	402.14	-847.84	-63.25	337.85	199.34
49228	98.52	8.70	-10.50	88.18	404.60	-869.32	-74.26	342.59	211.28
49229	97.87	8.10	-10.50	136.77	434.30	-954.81	-37.89	426.85	203.60
49230	97.61	8.70	-10.50	144.56	438.30	-979.36	-48.55	433.21	220.32
49231	96.97	8.10	-10.50	206.12	467.32	-1061.50	-10.73	469.03	195.16
49232	96.69	8.70	-10.50	214.70	473.23	-1089.09	-20.53	475.92	215.41
49233	61.22	8.70	-9.50	212.96	454.14	-1105.57	157.48	-325.03	185.72
49234	60.95	8.10	-9.50	206.90	450.19	-1074.75	161.33	-314.15	151.87
49235	62.34	8.70	-9.50	252.01	456.03	-1154.95	143.04	-342.94	163.21
49236	62.08	8.10	-9.50	246.48	450.56	-1121.09	146.30	-332.05	130.78
49237	63.45	8.70	-9.50	289.49	459.09	-1195.40	131.26	-345.94	136.90
49238	63.21	8.10	-9.50	284.28	452.53	-1158.69	134.22	-335.63	105.91
49239	64.56	8.70	-9.50	324.26	463.05	-1224.47	122.40	-338.18	108.65
49240	64.34	8.10	-9.50	318.87	455.74	-1185.25	125.12	-328.37	78.96
49241	65.67	8.70	-9.50	354.74	467.41	-1242.50	116.43	-321.87	80.22
49242	65.47	8.10	-9.50	349.91	459.85	-1201.00	118.66	-313.53	51.82
49243	66.78	8.70	-9.50	382.06	472.76	-1251.24	112.00	-301.28	53.87
49244	66.60	8.10	-9.50	377.73	465.01	-1207.94	114.00	-294.06	26.11
49245	67.89	8.70	-9.50	407.13	478.84	-1253.60	108.26	-278.21	29.38
49246	67.72	8.10	-9.50	403.30	471.14	-1208.82	110.06	-271.89	2.50
49247	69.00	8.70	-9.50	430.38	485.36	-1252.36	104.81	-252.85	7.28
49248	68.85	8.10	-9.50	427.25	477.89	-1206.31	106.32	-247.72	-18.72
49249	70.11	8.70	-9.50	452.25	492.36	-1249.51	101.02	-226.31	-11.96
49250	69.98	8.10	-9.50	449.79	485.07	-1202.45	102.37	-222.08	-37.32
49251	71.23	8.70	-9.50	472.65	499.37	-1246.51	96.78	-198.72	-28.74
49252	71.11	8.10	-9.50	470.85	492.28	-1198.54	97.99	-195.24	-53.40
49253	72.34	8.70	-9.50	491.23	506.07	-1244.12	92.05	-170.08	-43.21
49254	72.24	8.10	-9.50	490.06	499.15	-1195.31	93.18	-167.25	-67.17
49255	73.45	8.70	-9.50	507.52	512.13	-1242.57	86.85	-140.37	-55.50
49256	73.37	8.10	-9.50	506.92	505.33	-1193.03	87.98	-138.13	-78.78
49257	74.56	8.70	-9.50	521.02	517.19	-1241.71	81.25	-109.60	-65.66
49258	74.50	8.10	-9.50	520.88	510.50	-1191.63	82.48	-107.91	-88.33
49259	75.67	8.70	-9.50	531.28	520.92	-1241.04	75.30	-77.70	-73.48
49260	75.63	8.10	-9.50	531.48	514.34	-1190.86	76.74	-76.63	-95.80
49261	76.78	8.70	-9.50	537.95	522.67	-1239.67	68.97	-44.53	-78.58
49262	76.76	8.10	-9.50	538.37	516.51	-1190.24	70.91	-44.28	-100.76
49263	77.89	8.70	-9.50	541.06	522.16	-1236.06	62.82	-9.66	-78.06
49264	77.89	8.10	-9.50	541.25	517.15	-1189.52	65.32	-11.68	-102.66
49265	61.22	8.70	-10.50	231.76	584.27	-1067.13	182.06	-286.32	175.58
49266	60.95	8.10	-10.50	223.38	579.50	-1038.11	186.06	-276.66	145.48
49267	62.34	8.70	-10.50	277.29	590.34	-1103.96	166.50	-304.40	157.42
49268	62.08	8.10	-10.50	269.86	583.78	-1073.01	169.58	-294.66	128.40
49269	63.45	8.70	-10.50	322.63	597.65	-1134.71	153.16	-309.86	135.56
49270	63.21	8.10	-10.50	315.84	589.65	-1101.90	155.71	-300.47	107.67
49271	64.56	8.70	-10.50	366.51	605.87	-1157.28	142.26	-305.65	111.22
49272	64.34	8.10	-10.50	359.70	596.79	-1122.82	144.45	-296.49	84.32
49273	65.67	8.70	-10.50	406.56	614.34	-1171.62	134.00	-292.94	85.75
49274	65.47	8.10	-10.50	400.42	604.73	-1135.53	135.63	-284.91	59.76
49275	66.78	8.70	-10.50	443.29	623.59	-1178.70	127.24	-275.25	61.28
49276	66.60	8.10	-10.50	437.67	613.47	-1141.23	128.63	-268.08	35.50
49277	67.89	8.70	-10.50	477.18	633.23	-1180.60	121.29	-254.24	37.94
49278	67.72	8.10	-10.50	471.93	622.86	-1141.91	122.53	-247.82	12.46
49279	69.00	8.70	-10.50	508.33	642.84	-1179.53	116.02	-230.49	16.60
49280	68.85	8.10	-10.50	503.65	632.44	-1139.73	116.99	-225.14	-8.70
49281	70.11	8.70	-10.50	537.10	652.53	-1177.07	110.87	-205.46	-2.02
49282	69.98	8.10	-10.50	532.92	642.00	-1136.37	111.73	-200.96	-27.43
49283	71.23	8.70	-10.50	563.42	661.81	-1174.44	105.77	-179.63	-18.11
49284	71.11	8.10	-10.50	559.73	651.20	-1132.94	106.56	-175.88	-43.66
49285	72.34	8.70	-10.50	587.00	670.41	-1172.30	100.66	-153.21	-31.79
49286	72.24	8.10	-10.50	583.78	659.68	-1130.07	101.45	-150.14	-57.51
49287	73.45	8.70	-10.50	607.50	678.02	-1170.93	95.52	-126.31	-43.23
49288	73.37	8.10	-10.50	604.69	667.15	-1128.02	96.41	-123.84	-69.12
49289	74.56	8.70	-10.50	624.56	684.32	-1170.25	90.33	-98.93	-52.66
49290	74.50	8.10	-10.50	622.09	673.32	-1126.75	91.44	-96.99	-78.62
49291	75.67	8.70	-10.50	637.87	688.92	-1169.85	85.11	-71.05	-60.26
49292	75.63	8.10	-10.50	635.63	677.89	-1125.99	86.56	-69.63	-86.11
49293	76.78	8.70	-10.50	647.15	691.17	-1168.83	79.81	-42.66	-66.24
49294	76.76	8.10	-10.50	645.05	680.51	-1125.22	81.84	-41.75	-91.45
49295	77.89	8.70	-10.50	652.39	690.46	-1165.39	74.84	-13.67	-69.75
49296	77.89	8.10	-10.50	650.08	681.21	-1124.19	77.52	-13.78	-94.31
49297	56.31	8.10	-9.50	363.55	687.32	-1173.77	486.36	549.47	117.56
49298	57.22	8.10	-9.50	145.00	589.48	-1043.15	292.34	74.36	211.62
49299	58.12	8.10	-9.50	99.54	488.29	-933.56	243.69	-67.61	190.22
49300	59.03	8.10	-9.50	117.10	465.10	-954.78	211.30	-182.44	184.75
49301	59.93	8.10	-9.50	160.47	453.68	-1013.88	182.52	-268.97	170.50
49302	56.54	8.70	-9.50	531.58	797.65	-1206.54	405.31	617.55	455.32

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]
49303	57.46	8.70	-9.50	166.88	548.64	-1033.42	278.47	74.57	259.89
49304	58.38	8.70	-9.50	109.74	485.65	-946.00	236.82	-67.51	240.97
49305	59.29	8.70	-9.50	123.80	464.44	-973.91	205.14	-189.41	224.25
49306	60.21	8.70	-9.50	166.68	455.66	-1039.86	178.07	-279.00	206.91
49307	56.31	8.10	-10.50	-217.42	763.16	-1406.50	613.09	242.14	-25.69
49308	57.22	8.10	-10.50	0.92	704.81	-975.50	308.67	26.25	176.25
49309	58.12	8.10	-10.50	65.21	597.62	-927.76	274.46	-63.16	168.69
49310	59.03	8.10	-10.50	111.67	583.50	-945.89	238.98	-161.45	171.03
49311	59.93	8.10	-10.50	169.00	577.98	-992.18	208.69	-235.51	160.07
49312	56.54	8.70	-10.50	104.09	918.58	-1388.88	366.97	259.87	289.67
49313	57.46	8.70	-10.50	55.31	647.09	-990.53	299.86	34.28	217.00
49314	58.38	8.70	-10.50	84.62	596.41	-944.32	262.35	-64.65	216.32
49315	59.29	8.70	-10.50	123.33	582.10	-967.66	231.73	-167.75	206.09
49316	60.21	8.70	-10.50	178.21	580.38	-1018.15	203.61	-244.57	192.40
49317	79.15	20.20	-9.50	513.02	267.26	-1707.31	2.92	38.14	889.37
49318	80.55	20.10	-9.50	507.95	271.29	-1705.40	-20.83	102.72	883.73
49319	81.94	19.90	-9.50	497.66	278.45	-1697.36	-43.47	166.49	870.43
49320	83.31	19.62	-9.50	482.62	288.24	-1683.41	-64.19	228.37	849.93
49321	84.65	19.23	-9.50	463.34	300.10	-1663.77	-82.20	287.28	822.73
49322	85.97	18.76	-9.50	440.40	313.49	-1638.65	-96.87	342.23	789.40
49323	87.25	18.19	-9.50	414.46	327.80	-1608.22	-107.71	392.40	750.55
49324	88.49	17.54	-9.50	386.30	342.32	-1572.73	-114.43	437.14	706.82
49325	89.68	16.80	-9.50	356.78	356.26	-1532.49	-116.87	475.96	658.88
49326	90.82	15.98	-9.50	326.94	368.95	-1487.95	-115.01	508.36	607.25
49327	91.89	15.08	-9.50	297.81	379.09	-1439.93	-109.46	533.88	553.11
49328	92.91	14.11	-9.50	269.56	386.96	-1389.18	-100.67	552.70	496.83
49329	93.85	13.08	-9.50	242.96	392.26	-1336.06	-88.90	564.34	439.08
49330	94.72	11.98	-9.50	218.39	394.33	-1280.78	-74.32	568.17	380.65
49331	95.51	10.82	-9.50	196.55	393.03	-1223.28	-57.67	564.40	323.94
49332	96.21	9.62	-9.50	177.55	388.12	-1163.68	-39.63	554.40	269.50
49333	79.19	21.03	-9.50	515.83	149.18	-1519.14	-4.57	37.11	858.24
49334	80.67	20.93	-9.50	509.13	155.07	-1516.50	-36.16	96.10	852.36
49335	82.14	20.72	-9.50	495.89	165.86	-1508.06	-66.68	155.01	839.00
49336	83.59	20.41	-9.50	476.89	180.52	-1494.37	-94.79	212.52	819.01
49337	85.02	19.99	-9.50	452.75	198.35	-1475.69	-119.23	267.29	792.91
49338	86.41	19.48	-9.50	424.14	218.67	-1452.10	-139.10	318.26	761.13
49339	87.77	18.87	-9.50	391.94	240.67	-1423.67	-153.80	364.66	724.18
49340	89.07	18.17	-9.50	357.24	263.38	-1390.56	-162.97	405.88	682.67
49341	90.33	17.37	-9.50	321.25	285.75	-1353.08	-166.47	441.43	637.22
49342	91.52	16.49	-9.50	285.28	306.57	-1311.70	-164.51	470.89	588.53
49343	92.65	15.53	-9.50	250.41	324.94	-1267.00	-157.67	493.95	537.23
49344	93.71	14.48	-9.50	217.37	340.39	-1219.53	-146.58	510.23	484.00
49345	94.69	13.37	-9.50	186.76	352.40	-1169.58	-131.71	519.32	429.74
49346	95.59	12.19	-9.50	159.10	360.56	-1117.23	-113.59	521.19	375.72
49347	96.40	10.95	-9.50	134.82	364.42	-1062.66	-92.77	516.50	322.94
49348	97.13	9.66	-9.50	114.25	363.76	-1006.37	-70.05	506.22	272.33
49349	79.23	21.87	-9.50	518.94	57.51	-1330.45	-10.40	32.35	723.01
49350	80.80	21.76	-9.50	510.57	64.72	-1325.38	-47.49	76.80	716.83
49351	82.35	21.54	-9.50	494.82	78.14	-1315.17	-84.07	123.06	704.66
49352	83.88	21.20	-9.50	472.94	96.34	-1301.34	-117.91	168.89	687.93
49353	85.39	20.76	-9.50	445.35	118.50	-1283.85	-147.24	212.50	666.83
49354	86.86	20.20	-9.50	412.62	143.91	-1262.31	-171.02	252.97	641.42
49355	88.28	19.55	-9.50	375.80	171.58	-1236.53	-188.60	289.74	611.95
49356	89.65	18.79	-9.50	336.25	200.34	-1206.59	-199.64	322.39	578.87
49357	90.97	17.94	-9.50	295.48	228.88	-1172.73	-204.07	350.54	542.67
49358	92.22	17.00	-9.50	254.94	255.92	-1135.30	-202.18	373.85	503.88
49359	93.40	15.97	-9.50	215.85	280.47	-1094.71	-194.60	391.96	463.03
49360	94.51	14.85	-9.50	179.10	301.77	-1051.29	-182.03	404.51	420.80
49361	95.53	13.67	-9.50	145.36	319.22	-1005.14	-165.09	411.28	378.06
49362	96.46	12.41	-9.50	115.19	332.12	-956.30	-144.37	412.44	335.63
49363	97.30	11.08	-9.50	89.11	339.87	-905.14	-120.49	408.60	294.04
49364	98.05	9.70	-9.50	67.40	342.24	-852.63	-94.30	400.56	253.78
49365	79.28	22.71	-9.50	522.10	6.73	-1179.19	-14.73	24.57	503.08
49366	80.92	22.59	-9.50	512.09	13.90	-1169.50	-54.44	47.00	497.67
49367	82.56	22.35	-9.50	494.74	27.96	-1155.49	-94.04	74.31	488.81
49368	84.17	21.99	-9.50	471.67	47.49	-1140.67	-130.73	102.48	478.21
49369	85.75	21.52	-9.50	442.61	71.50	-1124.08	-162.45	129.10	465.70
49370	87.30	20.93	-9.50	407.89	99.18	-1104.37	-188.14	153.64	450.87
49371	88.80	20.23	-9.50	368.73	129.45	-1081.01	-207.20	176.02	433.71
49372	90.24	19.42	-9.50	326.70	161.00	-1053.93	-219.29	196.08	414.41
49373	91.62	18.52	-9.50	283.42	192.47	-1023.29	-224.38	213.60	393.23
49374	92.93	17.51	-9.50	240.44	222.58	-989.33	-222.81	228.34	370.45
49375	94.16	16.41	-9.50	199.05	250.29	-952.28	-215.19	240.02	346.43
49376	95.31	15.22	-9.50	160.21	274.79	-912.28	-202.20	248.37	321.65
49377	96.37	13.96	-9.50	124.63	295.29	-869.24	-184.51	253.29	296.69
49378	97.34	12.62	-9.50	92.95	310.84	-823.10	-162.72	254.96	271.91
49379	98.20	11.21	-9.50	65.81	320.66	-774.41	-137.58	253.84	247.19
49380	98.96	9.75	-9.50	43.42	324.41	-724.73	-109.87	250.56	222.44
49381	79.32	23.55	-9.50	523.59	-4.78	-1085.57	-18.40	14.84	195.49
49382	81.05	23.42	-9.50	513.13	1.55	-1071.55	-58.43	8.51	194.12
49383	82.77	23.17	-9.50	495.72	14.53	-1053.44	-97.49	9.78	192.66
49384	84.46	22.78	-9.50	473.01	33.21	-1037.00	-133.48	13.62	191.84
49385	86.12	22.28	-9.50	444.27	56.56	-1020.67	-164.80	17.16	191.60
49386	87.74	21.65	-9.50	409.65	83.67	-1002.05	-190.37	20.34	191.59
49387	89.31	20.91	-9.50	370.45	113.37	-980.21	-209.51	23.59	191.60
49388	90.82	20.05	-9.50	328.28	144.39	-954.95	-221.84	27.08	191.48
49389	92.26	19.09	-9.50	284.78	175.44	-926.32	-227.34	30.83	191.13
49390	93.63	18.02	-9.50	241.49	205.38	-894.46	-226.35	34.78	190.49
49391	94.92	16.85	-9.50	199.71	233.25	-859.47	-219.40	38.76	189.58
49392	96.11	15.59	-9.50	160.40	258.21	-821.30	-207.11	42.60	188.54
49393	97.21	14.25	-9.50	124.30	279.31	-779.67	-190.04	46.23	187.51
49394	98.21	12.83	-9.50	92.01	295.44	-734.38	-168.76	49.85	186.22
49395	99.10	11.34	-9.50	64.08	305.71	-686.25	-144.15	53.85	183.80
49396	99.88	9.79	-9.50	41.73	310.10	-637.45	-117.63	57.93	179.69
49397	79.15	20.20	-10.50	602.58	358.59	-1651.06	8.88	32.11	788.85
49398	80.55	20.10	-10.50	598.62	362.26	-1649.13	-17.68	88.99	784.17
49399	81.94	19.90	-10.50	588.70	369.52	-1641.51	-42.98	145.11	772.85
49400	83.31	19.62	-10.50	573.24	379.74	-1628.35	-66.12	199.54	755.22
49401	84.65	19.23	-10.50	552.76	392.37	-1609.78	-86.24	251.35	731.75

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]
49402	85.97	18.76	-10.50	527.87	406.82	-1585.99	-102.63	299.68	702.93
49403	87.25	18.19	-10.50	499.33	422.44	-1557.11	-114.75	343.83	669.32
49404	88.49	17.54	-10.50	468.00	438.42	-1523.29	-122.23	383.24	631.54
49405	89.68	16.80	-10.50	434.87	453.83	-1484.78	-124.85	417.53	590.16
49406	90.82	15.98	-10.50	401.11	467.72	-1441.95	-122.48	446.34	545.57
49407	91.89	15.08	-10.50	367.98	478.47	-1395.67	-115.80	469.29	498.56
49408	92.91	14.11	-10.50	335.79	486.20	-1346.87	-105.43	486.39	449.25
49409	93.85	13.08	-10.50	305.39	490.76	-1296.10	-91.85	496.93	398.26
49410	94.72	11.98	-10.50	277.02	491.47	-1243.44	-75.29	500.16	346.46
49411	95.51	10.82	-10.50	251.36	488.32	-1188.61	-56.41	496.37	296.24
49412	96.21	9.62	-10.50	228.64	481.20	-1131.74	-35.82	487.12	248.12
49413	79.19	21.03	-10.50	591.16	228.73	-1535.20	0.30	31.72	760.58
49414	80.67	20.93	-10.50	585.61	234.81	-1532.78	-33.40	83.55	755.51
49415	82.14	20.72	-10.50	572.88	245.89	-1524.65	-66.02	135.28	744.01
49416	83.59	20.41	-10.50	553.74	260.92	-1511.21	-96.05	185.78	726.78
49417	85.02	19.99	-10.50	528.76	279.26	-1492.75	-122.09	233.85	704.28
49418	86.41	19.48	-10.50	498.64	300.32	-1469.33	-143.24	278.60	676.85
49419	87.77	18.87	-10.50	464.32	323.26	-1441.02	-158.85	319.36	644.94
49420	89.07	18.17	-10.50	427.01	347.03	-1407.96	-168.51	355.66	609.08
49421	90.33	17.37	-10.50	388.05	370.44	-1370.40	-172.01	387.09	569.83
49422	91.52	16.49	-10.50	348.89	392.04	-1328.78	-169.49	413.34	527.70
49423	92.65	15.53	-10.50	310.80	410.68	-1283.72	-161.66	434.08	483.06
49424	93.71	14.48	-10.50	274.58	425.82	-1235.86	-149.33	448.79	436.41
49425	94.69	13.37	-10.50	240.79	437.06	-1185.54	-133.14	456.86	388.62
49426	95.59	12.19	-10.50	209.83	444.04	-1132.64	-113.59	458.19	341.07
49427	96.40	10.95	-10.50	182.19	446.24	-1077.32	-91.09	453.58	294.60
49428	97.13	9.66	-10.50	158.40	443.58	-1020.36	-66.39	444.12	250.03
49429	79.23	21.87	-10.50	580.78	115.78	-1415.67	-6.59	27.46	644.81
49430	80.80	21.76	-10.50	573.03	124.22	-1410.12	-45.49	66.36	638.13
49431	82.35	21.54	-10.50	557.69	138.76	-1399.65	-84.44	107.35	626.81
49432	83.88	21.20	-10.50	535.84	157.58	-1385.46	-120.33	147.82	612.19
49433	85.39	20.76	-10.50	507.58	180.38	-1367.33	-151.27	186.13	594.01
49434	86.86	20.20	-10.50	473.47	206.61	-1344.78	-176.29	221.61	572.09
49435	88.28	19.55	-10.50	434.72	235.30	-1317.67	-194.79	253.90	546.64
49436	89.65	18.79	-10.50	392.82	265.19	-1286.09	-206.36	282.66	518.04
49437	90.97	17.94	-10.50	349.40	294.85	-1250.28	-210.88	307.58	486.71
49438	92.22	17.00	-10.50	306.07	322.82	-1210.60	-208.65	328.35	453.05
49439	93.40	15.97	-10.50	264.17	347.95	-1167.49	-200.38	344.59	417.43
49440	94.51	14.85	-10.50	224.61	369.49	-1121.31	-186.93	355.83	380.45
49441	95.53	13.67	-10.50	187.99	386.93	-1072.12	-169.03	361.73	343.01
49442	96.46	12.41	-10.50	154.89	399.55	-1019.78	-147.18	362.45	306.03
49443	97.30	11.08	-10.50	125.93	406.50	-964.69	-121.92	358.68	269.78
49444	98.05	9.70	-10.50	101.59	407.65	-908.33	-94.02	351.32	234.52
49445	79.28	22.71	-10.50	571.36	36.16	-1329.45	-12.29	19.25	451.56
49446	80.92	22.59	-10.50	560.52	44.74	-1315.68	-53.86	37.81	443.79
49447	82.56	22.35	-10.50	543.18	60.60	-1299.13	-96.82	63.09	434.10
49448	84.17	21.99	-10.50	520.37	81.30	-1283.19	-136.34	88.40	424.71
49449	85.75	21.52	-10.50	490.59	106.43	-1265.18	-170.15	111.55	414.16
49450	87.30	20.93	-10.50	454.30	135.53	-1243.34	-197.52	132.74	401.66
49451	88.80	20.23	-10.50	413.03	167.46	-1217.25	-217.89	152.11	387.16
49452	90.24	19.42	-10.50	368.51	200.83	-1186.94	-230.89	169.55	370.82
49453	91.62	18.52	-10.50	322.50	234.16	-1152.59	-236.43	184.89	352.85
49454	92.93	17.51	-10.50	276.69	266.07	-1114.46	-234.87	197.90	333.45
49455	94.16	16.41	-10.50	232.45	295.42	-1072.82	-226.90	208.26	312.90
49456	95.31	15.22	-10.50	190.77	321.43	-1027.83	-213.30	215.65	291.67
49457	96.37	13.96	-10.50	152.38	343.39	-979.38	-194.79	219.89	270.45
49458	97.34	12.62	-10.50	117.97	360.23	-927.18	-171.92	221.16	249.73
49459	98.20	11.21	-10.50	88.34	370.74	-871.69	-145.38	219.94	229.08
49460	98.96	9.75	-10.50	63.90	374.60	-815.16	-115.90	217.01	207.89
49461	79.32	23.55	-10.50	559.02	4.22	-1318.92	-17.93	9.30	175.55
49462	81.05	23.42	-10.50	546.63	10.91	-1296.00	-59.78	0.94	172.65
49463	82.77	23.17	-10.50	529.06	25.14	-1271.37	-101.84	4.08	169.97
49464	84.46	22.78	-10.50	507.02	45.03	-1252.37	-140.48	8.47	169.21
49465	86.12	22.28	-10.50	477.82	69.69	-1233.64	-173.97	11.05	169.58
49466	87.74	21.65	-10.50	441.79	98.39	-1211.52	-201.33	13.07	170.33
49467	89.31	20.91	-10.50	400.75	129.95	-1185.29	-221.94	15.28	171.20
49468	90.82	20.05	-10.50	356.41	163.02	-1154.88	-235.39	17.83	172.05
49469	92.26	19.09	-10.50	310.52	196.23	-1120.39	-241.64	20.79	172.76
49470	93.63	18.02	-10.50	264.75	228.39	-1081.98	-241.01	24.08	173.23
49471	94.92	16.85	-10.50	220.47	258.52	-1039.81	-234.11	27.51	173.50
49472	96.11	15.59	-10.50	178.72	285.80	-993.86	-221.60	30.85	173.75
49473	97.21	14.25	-10.50	140.23	309.39	-943.84	-204.06	33.95	174.32
49474	98.21	12.83	-10.50	105.64	327.95	-889.16	-181.96	37.01	175.14
49475	99.10	11.34	-10.50	75.53	340.06	-830.37	-156.08	40.56	174.91
49476	99.88	9.79	-10.50	51.42	345.98	-770.51	-128.11	44.53	172.31
49477	60.69	9.62	-9.50	176.94	454.10	-1075.99	172.52	-303.02	259.33
49478	61.39	10.82	-9.50	192.68	445.96	-1122.55	168.62	-334.29	326.72
49479	62.18	11.98	-9.50	211.60	434.02	-1169.70	168.17	-365.95	385.20
49480	63.05	13.08	-9.50	234.25	420.96	-1221.41	169.88	-391.96	438.52
49481	63.99	14.11	-9.50	260.26	407.66	-1277.82	172.23	-408.81	488.74
49482	65.01	15.08	-9.50	288.92	393.89	-1336.64	173.65	-415.60	538.09
49483	66.08	15.98	-9.50	318.86	379.30	-1395.09	173.01	-412.16	587.28
49484	67.22	16.80	-9.50	349.65	363.12	-1450.76	169.50	-398.50	635.89
49485	68.41	17.54	-9.50	380.16	346.38	-1501.92	162.32	-375.47	682.61
49486	69.65	18.19	-9.50	409.32	329.68	-1547.76	151.44	-343.88	726.67
49487	70.93	18.76	-9.50	436.26	313.77	-1587.91	136.96	-304.53	767.12
49488	72.25	19.23	-9.50	460.16	299.32	-1622.29	119.20	-258.30	803.06
49489	73.59	19.62	-9.50	480.35	286.90	-1650.91	98.63	-206.23	833.66
49490	74.96	19.90	-9.50	496.23	277.02	-1673.81	75.90	-149.45	858.21
49491	76.35	20.10	-9.50	507.25	270.19	-1691.01	51.81	-89.14	876.09
49492	77.75	20.20	-9.50	512.85	266.85	-1702.44	27.27	-26.40	886.76
49493	59.77	9.66	-9.50	133.69	456.08	-997.04	197.96	-211.72	285.83
49494	60.50	10.95	-9.50	147.09	436.73	-1023.16	193.27	-244.07	359.68
49495	61.31	12.19	-9.50	162.56	412.71	-1049.51	192.81	-280.75	414.93
49496	62.21	13.37	-9.50	183.65	388.99	-1084.39	195.86	-313.90	458.54
49497	63.19	14.48	-9.50	210.47	366.50	-1128.98	200.55	-338.49	498.27
49498	64.25	15.53	-9.50	241.91	344.30	-1179.76	204.76	-352.41	538.21
49499	65.38	16.49	-9.50	276.38	321.24	-1232.35	206.49	-355.46	579.44
49500	66.57	17.37	-9.50	312.57	296.79	-1283.35	204.32	-348.16	621.42

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]
49501	67.83	18.17	-9.50	349.12	271.49	-1330.63	197.31	-331.25	663.04
49502	69.13	18.87	-9.50	384.60	246.41	-1373.08	185.15	-305.56	703.09
49503	70.49	19.48	-9.50	417.72	222.55	-1410.24	167.92	-271.93	740.46
49504	71.88	19.99	-9.50	447.35	200.85	-1442.00	145.96	-231.26	774.13
49505	73.31	20.41	-9.50	472.60	182.03	-1468.44	119.88	-184.53	803.26
49506	74.76	20.72	-9.50	492.77	166.72	-1489.63	90.56	-132.98	827.12
49507	76.23	20.93	-9.50	507.23	155.51	-1505.45	59.26	-78.04	844.97
49508	77.71	21.03	-9.50	515.19	149.33	-1515.45	27.30	-21.04	855.73
49509	58.85	9.70	-9.50	118.63	471.88	-951.47	224.90	-85.29	311.78
49510	59.60	11.08	-9.50	125.46	434.49	-948.66	216.55	-114.30	389.81
49511	60.44	12.41	-9.50	132.20	396.94	-945.22	212.92	-151.62	433.14
49512	61.37	13.67	-9.50	148.76	360.81	-958.18	213.42	-186.80	456.79
49513	62.39	14.85	-9.50	175.84	329.75	-987.63	218.72	-215.03	475.02
49514	63.50	15.97	-9.50	208.93	300.95	-1028.03	224.70	-234.24	495.03
49515	64.68	17.00	-9.50	246.31	271.86	-1072.83	228.30	-243.87	518.61
49516	65.93	17.94	-9.50	286.20	241.51	-1117.41	227.45	-244.32	545.10
49517	67.25	18.79	-9.50	327.00	210.30	-1159.10	220.97	-236.28	573.15
49518	68.62	19.55	-9.50	367.00	179.31	-1196.60	208.31	-220.47	601.42
49519	70.04	20.20	-9.50	404.61	149.79	-1229.40	189.44	-197.59	628.69
49520	71.51	20.76	-9.50	438.40	122.88	-1257.46	164.69	-168.36	653.94
49521	73.02	21.20	-9.50	467.26	99.48	-1281.08	134.64	-133.53	676.40
49522	74.55	21.54	-9.50	490.60	80.27	-1300.81	100.33	-94.20	695.64
49523	76.10	21.76	-9.50	507.96	65.97	-1316.79	63.49	-52.23	711.10
49524	77.67	21.87	-9.50	518.05	57.92	-1327.59	26.30	-9.93	721.05
49525	57.94	9.75	-9.50	162.51	504.49	-985.27	263.80	65.88	357.23
49526	58.70	11.21	-9.50	136.86	455.82	-913.13	249.97	40.28	433.72
49527	59.56	12.62	-9.50	115.75	387.77	-872.83	223.69	3.64	450.04
49528	60.53	13.96	-9.50	133.63	337.41	-860.47	219.63	-25.14	444.51
49529	61.59	15.22	-9.50	160.16	299.04	-874.44	223.78	-51.64	432.60
49530	62.74	16.41	-9.50	194.23	266.45	-904.68	230.17	-72.98	424.20
49531	63.97	17.51	-9.50	232.96	234.80	-942.27	234.69	-88.08	421.90
49532	65.28	18.52	-9.50	274.64	202.29	-981.03	234.74	-96.80	425.02
49533	66.66	19.42	-9.50	317.46	169.03	-1017.67	228.85	-99.46	432.10
49534	68.10	20.23	-9.50	359.60	135.98	-1050.69	216.35	-96.51	441.72
49535	69.60	20.93	-9.50	399.31	104.42	-1079.54	197.10	-88.37	452.66
49536	71.15	21.52	-9.50	434.97	75.62	-1104.26	171.40	-75.42	463.94
49537	72.73	21.99	-9.50	465.30	50.62	-1125.51	139.78	-57.91	474.91
49538	74.34	22.35	-9.50	489.94	30.18	-1144.78	103.25	-36.48	485.44
49539	75.98	22.59	-9.50	509.10	15.23	-1163.11	63.81	-13.64	495.26
49540	77.62	22.71	-9.50	521.09	7.18	-1177.07	24.21	6.57	502.21
49541	57.02	9.79	-9.50	364.51	759.90	-1068.65	460.35	378.47	618.56
49542	57.80	11.34	-9.50	98.71	491.69	-920.72	253.13	172.30	492.69
49543	58.69	12.83	-9.50	123.17	380.00	-835.67	222.16	177.36	464.02
49544	59.69	14.25	-9.50	135.75	315.10	-802.24	214.96	165.98	422.11
49545	60.79	15.59	-9.50	163.28	272.07	-801.46	216.96	149.55	373.01
49546	61.98	16.85	-9.50	196.97	238.80	-823.41	222.47	130.12	328.50
49547	63.27	18.02	-9.50	235.79	208.21	-856.06	226.80	111.17	292.28
49548	64.64	19.09	-9.50	277.56	177.42	-891.41	227.05	93.99	264.11
49549	66.08	20.05	-9.50	320.37	146.09	-925.24	221.58	78.97	242.66
49550	67.59	20.91	-9.50	362.37	114.94	-955.72	209.62	66.19	226.61
49551	69.16	21.65	-9.50	401.84	85.14	-982.26	191.02	55.64	214.84
49552	70.78	22.28	-9.50	437.13	57.91	-1005.04	166.06	47.45	206.49
49553	72.44	22.78	-9.50	466.93	34.38	-1025.13	135.38	41.97	200.95
49554	74.13	23.17	-9.50	491.06	15.45	-1045.09	99.96	39.08	197.89
49555	75.85	23.42	-9.50	510.19	2.14	-1066.58	61.35	35.88	196.76
49556	77.58	23.55	-9.50	522.59	-4.57	-1083.92	21.55	27.31	196.28
49557	60.69	9.62	-10.50	193.08	579.62	-1055.65	197.47	-266.07	238.74
49558	61.39	10.82	-10.50	214.61	571.59	-1104.54	192.89	-293.30	298.79
49559	62.18	11.98	-10.50	238.54	558.85	-1152.79	191.44	-320.70	351.38
49560	63.05	13.08	-10.50	265.62	543.75	-1203.23	191.95	-343.25	399.39
49561	63.99	14.11	-10.50	295.98	527.48	-1256.49	193.30	-358.00	443.98
49562	65.01	15.08	-10.50	329.36	510.39	-1311.35	194.20	-364.21	486.93
49563	66.08	15.98	-10.50	364.50	492.25	-1365.70	193.38	-361.67	529.18
49564	67.22	16.80	-10.50	400.86	472.43	-1417.36	189.76	-350.30	570.71
49565	68.41	17.54	-10.50	437.10	452.20	-1464.67	182.29	-330.72	610.76
49566	69.65	18.19	-10.50	471.94	432.33	-1506.92	170.85	-303.51	648.76
49567	70.93	18.76	-10.50	504.31	413.61	-1543.82	155.50	-269.31	683.83
49568	72.25	19.23	-10.50	533.27	396.74	-1575.29	136.51	-228.90	715.06
49569	73.59	19.62	-10.50	558.00	382.31	-1601.34	114.32	-183.20	741.65
49570	74.96	19.90	-10.50	577.83	370.82	-1621.99	89.58	-133.21	762.86
49571	76.35	20.10	-10.50	592.15	362.80	-1637.24	63.15	-80.00	778.07
49572	77.75	20.20	-10.50	600.46	358.75	-1647.05	36.00	-24.60	786.80
49573	59.77	9.66	-10.50	141.12	573.86	-997.84	223.20	-187.22	260.52
49574	60.50	10.95	-10.50	163.79	553.63	-1035.80	217.55	-214.47	326.38
49575	61.31	12.19	-10.50	185.83	528.04	-1072.37	215.65	-245.31	376.71
49576	62.21	13.37	-10.50	211.59	501.02	-1113.14	216.56	-273.51	416.74
49577	63.19	14.48	-10.50	242.16	474.20	-1159.59	219.08	-294.76	452.46
49578	64.25	15.53	-10.50	277.22	447.58	-1209.94	221.66	-307.12	487.14
49579	65.38	16.49	-10.50	315.60	420.44	-1261.17	222.45	-310.21	522.13
49580	66.57	17.37	-10.50	356.09	392.37	-1310.52	219.76	-304.37	557.51
49581	67.83	18.17	-10.50	397.20	363.87	-1356.12	212.36	-290.11	592.71
49582	69.13	18.87	-10.50	437.30	336.05	-1396.97	199.75	-268.09	626.81
49583	70.49	19.48	-10.50	474.93	309.89	-1432.65	181.93	-239.01	658.80
49584	71.88	19.99	-10.50	508.80	286.26	-1463.05	159.14	-203.64	687.75
49585	73.31	20.41	-10.50	537.87	265.86	-1488.23	131.92	-162.86	712.85
49586	74.76	20.72	-10.50	561.35	249.17	-1508.24	101.09	-117.73	733.48
49587	76.23	20.93	-10.50	578.61	236.69	-1522.91	67.98	-69.55	748.97
49588	77.71	21.03	-10.50	588.80	229.35	-1531.91	34.08	-19.49	758.36
49589	58.85	9.70	-10.50	110.32	580.01	-963.99	249.23	-80.53	280.89
49590	59.60	11.08	-10.50	135.12	539.90	-983.67	241.39	-103.27	351.25
49591	60.44	12.41	-10.50	152.09	499.34	-1000.95	237.78	-132.12	392.10
49592	61.37	13.67	-10.50	173.85	458.33	-1027.56	236.54	-160.71	415.84
49593	62.39	14.85	-10.50	203.88	420.68	-1064.23	238.84	-184.83	433.12
49594	63.50	15.97	-10.50	239.61	385.58	-1108.01	242.16	-201.85	450.31
49595	64.68	17.00	-10.50	279.69	351.24	-1154.54	243.84	-210.88	469.66
49596	65.93	17.94	-10.50	322.64	316.71	-1200.20	241.73	-211.99	491.33
49597	67.25	18.79	-10.50	366.79	282.15	-1242.72	234.36	-205.64	514.54
49598	68.62	19.55	-10.50	410.33	248.48	-1280.91	220.96	-192.38	538.24
49599	70.04	20.20	-10.50	451.49	216.80	-1314.28	201.34	-172.84	561.35

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]
49600	71.51	20.76	-10.50	488.66	188.15	-1342.72	175.70	-147.61	582.86
49601	73.02	21.20	-10.50	520.52	163.32	-1366.49	144.49	-117.28	602.13
49602	74.55	21.54	-10.50	546.40	142.73	-1386.15	108.53	-82.70	618.90
49603	76.10	21.76	-10.50	566.10	126.57	-1402.04	69.62	-45.59	633.09
49604	77.67	21.87	-10.50	578.45	116.56	-1412.98	30.78	-8.62	643.09
49605	57.94	9.75	-10.50	106.81	604.14	-983.58	272.69	34.47	308.21
49606	58.70	11.21	-10.50	139.74	540.92	-963.50	271.34	26.51	382.91
49607	59.56	12.62	-10.50	135.23	473.86	-952.60	254.14	6.51	406.12
49608	60.53	13.96	-10.50	156.04	416.60	-962.39	248.91	-15.05	405.25
49609	61.59	15.22	-10.50	184.88	368.92	-988.79	249.74	-36.85	396.28
49610	62.74	16.41	-10.50	220.43	327.53	-1026.20	252.56	-55.61	387.98
49611	63.97	17.51	-10.50	260.72	288.89	-1068.53	254.13	-69.63	383.92
49612	65.28	18.52	-10.50	304.24	251.07	-1111.04	251.95	-78.33	384.45
49613	66.66	19.42	-10.50	349.26	213.75	-1150.93	244.34	-81.74	388.73
49614	68.10	20.23	-10.50	393.90	177.54	-1186.82	230.40	-80.16	395.65
49615	69.60	20.93	-10.50	436.27	143.49	-1218.17	209.79	-73.95	404.08
49616	71.15	21.52	-10.50	474.52	112.68	-1244.93	182.65	-63.42	413.08
49617	72.73	21.99	-10.50	507.02	86.07	-1267.61	149.31	-48.63	422.05
49618	74.34	22.35	-10.50	533.15	64.00	-1288.07	110.33	-29.48	431.26
49619	75.98	22.59	-10.50	554.30	46.79	-1309.06	67.83	-8.27	441.72
49620	77.62	22.71	-10.50	569.25	36.85	-1327.24	26.53	8.26	450.81
49621	57.02	9.79	-10.50	218.95	809.39	-1187.20	426.00	198.52	447.98
49622	57.80	11.34	-10.50	127.37	557.97	-986.10	284.54	153.45	427.96
49623	58.69	12.83	-10.50	141.36	449.53	-942.49	256.65	161.22	420.00
49624	59.69	14.25	-10.50	160.44	376.07	-941.76	249.07	157.93	387.56
49625	60.79	15.59	-10.50	188.80	321.62	-961.26	247.44	145.84	345.86
49626	61.98	16.85	-10.50	222.76	277.79	-995.85	248.31	129.34	305.02
49627	63.27	18.02	-10.50	261.43	239.08	-1037.43	248.42	111.86	270.16
49628	64.64	19.09	-10.50	303.24	202.45	-1080.06	245.27	95.30	242.25
49629	66.08	20.05	-10.50	346.48	166.91	-1120.23	237.11	80.46	220.66
49630	67.59	20.91	-10.50	389.32	132.69	-1156.31	222.98	67.59	204.34
49631	69.16	21.65	-10.50	429.91	100.55	-1187.78	202.48	56.79	192.29
49632	70.78	22.28	-10.50	466.49	71.54	-1214.68	175.74	48.15	183.63
49633	72.44	22.78	-10.50	497.12	46.61	-1237.86	143.11	42.31	177.80
49634	74.13	23.17	-10.50	521.38	26.39	-1261.10	105.34	40.45	174.90
49635	75.85	23.42	-10.50	541.76	11.72	-1289.87	63.97	39.46	175.15
49636	77.58	23.55	-10.50	557.36	4.50	-1316.88	22.51	29.02	176.30
49637	79.06	-2.50	-9.50	434.65	261.10	-544.34	72.49	5.77	-296.07
49638	79.06	-3.10	-9.50	424.20	240.55	-510.02	71.34	4.77	-295.19
49639	80.29	-2.50	-9.50	426.82	261.88	-543.12	75.43	21.51	-295.24
49640	80.28	-3.10	-9.50	416.44	241.55	-508.79	74.65	19.31	-294.36
49641	81.52	-2.50	-9.50	415.87	261.73	-541.65	78.35	36.09	-292.14
49642	81.51	-3.10	-9.50	405.72	241.72	-507.34	77.93	32.71	-291.28
49643	82.75	-2.50	-9.50	402.02	260.67	-540.34	81.13	49.43	-286.84
49644	82.73	-3.10	-9.50	392.24	241.07	-506.02	81.03	44.92	-285.99
49645	83.97	-2.50	-9.50	385.59	258.71	-539.70	83.66	61.56	-279.41
49646	83.95	-3.10	-9.50	376.31	239.62	-505.35	83.85	55.96	-278.60
49647	85.20	-2.50	-9.50	367.01	255.89	-540.41	85.87	72.66	-269.96
49648	85.17	-3.10	-9.50	358.33	237.40	-505.95	86.31	66.02	-269.20
49649	86.43	-2.50	-9.50	346.85	252.25	-543.26	87.73	83.09	-258.61
49650	86.39	-3.10	-9.50	338.82	234.43	-508.59	88.38	75.47	-257.92
49651	87.66	-2.50	-9.50	325.77	247.85	-549.08	89.23	93.45	-245.47
49652	87.62	-3.10	-9.50	318.43	230.77	-514.05	90.06	84.90	-244.90
49653	88.88	-2.50	-9.50	304.58	242.78	-558.63	90.43	104.61	-230.65
49654	88.84	-3.10	-9.50	297.90	226.47	-523.08	91.38	95.13	-230.28
49655	90.11	-2.50	-9.50	284.10	237.19	-572.33	91.35	117.70	-214.26
49656	90.06	-3.10	-9.50	278.05	221.64	-536.12	92.38	107.29	-214.19
49657	91.34	-2.50	-9.50	264.99	231.30	-589.85	92.05	134.15	-196.33
49658	91.28	-3.10	-9.50	259.51	216.48	-552.90	93.13	122.72	-196.71
49659	92.57	-2.50	-9.50	247.39	225.42	-609.51	92.57	155.44	-176.79
49660	92.50	-3.10	-9.50	242.44	211.25	-571.88	93.67	142.83	-177.80
49661	93.79	-2.50	-9.50	230.35	219.96	-627.64	92.93	182.54	-155.38
49662	93.73	-3.10	-9.50	225.98	206.34	-589.70	94.06	168.55	-157.22
49663	95.02	-2.50	-9.50	211.68	215.32	-638.67	93.06	214.79	-131.61
49664	94.95	-3.10	-9.50	208.08	202.12	-601.14	94.28	199.30	-134.47
49665	96.25	-2.50	-9.50	188.56	211.78	-636.33	92.65	248.71	-104.86
49666	96.17	-3.10	-9.50	186.07	198.91	-600.29	94.10	231.89	-108.80
49667	97.48	-2.50	-9.50	159.06	209.41	-616.20	91.11	277.79	-74.54
49668	97.39	-3.10	-9.50	158.06	196.86	-582.91	92.96	260.31	-79.48
49669	79.06	-2.50	-10.50	503.71	311.68	-533.11	85.64	3.02	-254.13
49670	79.06	-3.10	-10.50	491.17	285.38	-501.68	84.30	2.28	-252.99
49671	80.29	-2.50	-10.50	496.97	312.98	-532.70	90.08	15.57	-253.58
49672	80.28	-3.10	-10.50	484.44	286.92	-501.26	89.07	13.80	-252.45
49673	81.52	-2.50	-10.50	487.24	313.46	-532.18	94.65	27.14	-251.07
49674	81.51	-3.10	-10.50	474.88	287.75	-500.72	93.93	24.36	-249.93
49675	82.75	-2.50	-10.50	474.71	313.13	-531.81	99.17	37.73	-246.61
49676	82.73	-3.10	-10.50	462.68	287.89	-500.32	98.73	33.96	-245.49
49677	83.97	-2.50	-10.50	459.65	312.02	-532.02	103.53	47.43	-240.28
49678	83.95	-3.10	-10.50	448.09	287.35	-500.46	103.34	42.71	-239.18
49679	85.20	-2.50	-10.50	442.39	310.17	-533.31	107.63	56.52	-232.12
49680	85.17	-3.10	-10.50	431.41	286.18	-501.62	107.65	50.87	-231.06
49681	86.43	-2.50	-10.50	423.33	307.59	-536.28	111.41	65.45	-222.22
49682	86.39	-3.10	-10.50	413.03	284.37	-504.36	111.61	58.89	-221.22
49683	87.66	-2.50	-10.50	402.96	304.31	-541.54	114.83	74.89	-210.63
49684	87.62	-3.10	-10.50	393.38	281.95	-509.27	115.19	67.43	-209.75
49685	88.88	-2.50	-10.50	381.77	300.34	-549.60	117.88	85.74	-197.42
49686	88.84	-3.10	-10.50	372.95	278.91	-516.85	118.39	77.37	-196.75
49687	90.11	-2.50	-10.50	360.22	295.73	-560.65	120.54	99.08	-182.65
49688	90.06	-3.10	-10.50	352.19	275.25	-527.33	121.19	89.75	-182.28
49689	91.34	-2.50	-10.50	338.58	290.53	-574.24	122.75	116.02	-166.31
49690	91.28	-3.10	-10.50	331.35	271.00	-540.33	123.56	105.65	-166.40
49691	92.57	-2.50	-10.50	316.60	284.89	-588.91	124.42	137.45	-148.31
49692	92.50	-3.10	-10.50	310.26	266.25	-554.52	125.41	125.91	-149.04
49693	93.79	-2.50	-10.50	293.39	279.03	-601.90	125.34	163.48	-128.44
49694	93.73	-3.10	-10.50	288.06	261.20	-567.35	126.54	150.67	-130.00
49695	95.02	-2.50	-10.50	267.40	273.19	-609.38	125.20	192.73	-106.33
49696	94.95	-3.10	-10.50	263.31	256.13	-575.25	126.68	178.64	-108.86
49697	96.25	-2.50	-10.50	237.03	267.63	-607.38	123.49	221.81	-81.59
49698	96.17	-3.10	-10.50	234.41	251.32	-574.45	125.36	206.70	-85.13

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]
49699	97.48	-2.50	-10.50	201.52	262.55	-593.24	119.60	245.57	-53.87
49700	97.39	-3.10	-10.50	200.57	247.02	-562.34	121.97	230.06	-58.30
49701	101.82	-3.10	-9.50	3.47	197.38	-333.02	33.13	81.42	157.13
49702	101.90	-2.50	-9.50	1.86	205.62	-346.91	29.32	80.33	158.64
49703	100.97	-3.10	-9.50	13.86	197.26	-365.16	52.83	171.72	107.52
49704	101.05	-2.50	-9.50	11.60	206.71	-381.57	48.92	176.29	110.87
49705	100.13	-3.10	-9.50	38.34	196.58	-417.91	69.28	234.02	56.61
49706	100.20	-2.50	-9.50	35.80	207.04	-437.90	65.55	243.64	61.30
49707	99.28	-3.10	-9.50	75.46	195.95	-481.32	81.74	270.75	6.16
49708	99.36	-2.50	-9.50	73.42	207.34	-505.70	78.53	284.64	11.65
49709	98.43	-3.10	-9.50	119.62	195.93	-542.04	89.60	277.69	-41.41
49710	98.51	-2.50	-9.50	118.92	208.02	-571.23	87.11	294.37	-35.83
49711	101.82	-3.10	-10.50	7.18	227.74	-400.99	38.36	72.91	156.62
49712	101.90	-2.50	-10.50	5.44	236.27	-417.70	33.96	71.53	158.11
49713	100.97	-3.10	-10.50	25.95	232.60	-409.08	63.13	151.47	110.93
49714	101.05	-2.50	-10.50	23.67	242.88	-427.56	58.65	155.25	114.02
49715	100.13	-3.10	-10.50	61.44	236.03	-445.15	84.76	205.59	64.45
49716	100.20	-2.50	-10.50	59.02	247.78	-466.41	80.49	213.96	68.70
49717	99.28	-3.10	-10.50	107.04	239.26	-491.04	102.31	237.08	18.88
49718	99.36	-2.50	-10.50	105.09	252.50	-515.56	98.57	249.26	23.80
49719	98.43	-3.10	-10.50	157.06	243.01	-533.97	114.98	243.60	-23.88
49720	98.51	-2.50	-10.50	156.33	257.54	-561.94	111.94	258.27	-18.89
49721	59.42	-2.50	-9.50	247.96	170.29	-507.20	167.17	-312.06	-133.75
49722	59.51	-3.10	-9.50	254.04	150.44	-477.77	156.09	-313.52	-131.13
49723	60.65	-2.50	-9.50	268.48	175.39	-531.57	142.68	-297.65	-137.47
49724	60.73	-3.10	-9.50	272.30	156.18	-501.19	133.08	-296.77	-135.28
49725	61.88	-2.50	-9.50	287.69	181.14	-545.49	123.01	-276.01	-144.60
49726	61.95	-3.10	-9.50	289.57	162.45	-514.21	114.59	-273.34	-142.60
49727	63.11	-2.50	-9.50	305.47	187.53	-550.94	107.23	-251.53	-154.71
49728	63.17	-3.10	-9.50	305.67	169.14	-518.96	99.73	-247.54	-152.76
49729	64.33	-2.50	-9.50	322.44	194.48	-550.97	94.67	-226.99	-167.21
49730	64.40	-3.10	-9.50	321.22	176.19	-518.48	87.90	-222.04	-165.26
49731	65.56	-2.50	-9.50	339.23	201.82	-548.45	84.82	-203.61	-181.41
49732	65.62	-3.10	-9.50	336.75	183.47	-515.65	78.65	-198.02	-179.50
49733	66.79	-2.50	-9.50	355.99	209.36	-545.47	77.25	-181.60	-196.61
49734	66.84	-3.10	-9.50	352.37	190.80	-512.45	71.62	-175.64	-194.79
49735	68.02	-2.50	-9.50	372.48	216.89	-543.11	71.60	-160.76	-212.14
49736	68.06	-3.10	-9.50	367.80	198.04	-509.94	66.46	-154.70	-210.44
49737	69.24	-2.50	-9.50	388.21	224.24	-541.79	67.58	-140.78	-227.39
49738	69.28	-3.10	-9.50	382.52	205.03	-508.49	62.91	-134.85	-225.83
49739	70.47	-2.50	-9.50	402.66	231.23	-541.48	64.96	-121.37	-241.87
49740	70.51	-3.10	-9.50	396.01	211.67	-508.04	60.74	-115.81	-240.46
49741	71.70	-2.50	-9.50	415.33	237.74	-541.96	63.55	-102.33	-255.16
49742	71.73	-3.10	-9.50	407.78	217.84	-508.36	59.80	-97.31	-253.88
49743	72.93	-2.50	-9.50	425.78	243.63	-542.90	63.22	-83.50	-266.93
49744	72.95	-3.10	-9.50	417.43	223.43	-509.13	59.92	-79.22	-265.78
49745	74.15	-2.50	-9.50	433.65	248.82	-543.94	63.81	-64.86	-276.94
49746	74.17	-3.10	-9.50	424.59	228.38	-510.01	60.97	-61.45	-275.88
49747	75.38	-2.50	-9.50	438.65	253.21	-544.79	65.19	-46.46	-284.99
49748	75.39	-3.10	-9.50	429.01	232.61	-510.71	62.79	-44.04	-283.99
49749	76.61	-2.50	-9.50	440.56	256.75	-545.21	67.21	-28.43	-290.91
49750	76.62	-3.10	-9.50	430.49	236.07	-511.02	65.24	-27.10	-289.97
49751	77.84	-2.50	-9.50	439.24	259.38	-545.07	69.70	-10.94	-294.63
49752	77.84	-3.10	-9.50	428.90	238.72	-510.80	68.15	-10.77	-293.72
49753	59.42	-2.50	-10.50	269.22	195.82	-503.73	193.73	-278.20	-118.06
49754	59.51	-3.10	-10.50	276.70	169.28	-475.71	180.91	-279.78	-114.53
49755	60.65	-2.50	-10.50	294.05	205.97	-520.26	165.29	-265.28	-118.36
49756	60.73	-3.10	-10.50	298.98	180.31	-491.42	154.13	-264.61	-115.49
49757	61.88	-2.50	-10.50	319.08	216.35	-530.24	142.25	-245.91	-122.80
49758	61.95	-3.10	-10.50	321.75	191.40	-500.65	132.52	-243.52	-120.29
49759	63.11	-2.50	-10.50	343.24	226.65	-534.61	123.65	-223.52	-130.55
49760	63.17	-3.10	-10.50	343.91	202.18	-504.45	115.12	-219.85	-128.20
49761	64.33	-2.50	-10.50	366.32	236.69	-535.12	108.77	-200.54	-140.83
49762	64.40	-3.10	-10.50	365.21	212.46	-504.58	101.24	-195.97	-138.56
49763	65.56	-2.50	-10.50	388.40	246.34	-533.63	97.02	-178.38	-152.90
49764	65.62	-3.10	-10.50	385.71	222.13	-502.87	90.35	-173.21	-150.70
49765	66.79	-2.50	-10.50	409.49	255.52	-531.61	87.96	-157.57	-166.06
49766	66.84	-3.10	-10.50	405.36	231.15	-500.74	82.00	-152.09	-163.96
49767	68.02	-2.50	-10.50	429.40	264.16	-529.95	81.17	-138.16	-179.62
49768	68.06	-3.10	-10.50	423.93	239.51	-499.03	75.85	-132.62	-177.66
49769	69.24	-2.50	-10.50	447.79	272.24	-529.03	76.37	-119.97	-193.03
49770	69.28	-3.10	-10.50	441.07	247.24	-498.07	71.61	-114.58	-191.22
49771	70.47	-2.50	-10.50	464.28	279.71	-528.89	73.31	-102.71	-205.80
49772	70.51	-3.10	-10.50	456.40	254.35	-497.89	69.05	-97.68	-204.14
49773	71.70	-2.50	-10.50	478.52	286.55	-529.38	71.79	-86.16	-217.55
49774	71.73	-3.10	-10.50	469.57	260.84	-498.32	68.02	-81.65	-216.02
49775	72.93	-2.50	-10.50	490.21	292.70	-530.26	71.66	-70.12	-227.97
49776	72.95	-3.10	-10.50	480.28	266.69	-499.13	68.34	-66.27	-226.55
49777	74.15	-2.50	-10.50	499.09	298.11	-531.28	72.74	-54.51	-236.84
49778	74.17	-3.10	-10.50	488.32	271.86	-500.07	69.85	-51.43	-235.51
49779	75.38	-2.50	-10.50	504.97	302.74	-532.22	74.86	-39.29	-243.99
49780	75.39	-3.10	-10.50	493.51	276.34	-500.93	72.39	-37.08	-242.74
49781	76.61	-2.50	-10.50	507.74	306.56	-532.89	77.84	-24.55	-249.31
49782	76.62	-3.10	-10.50	495.74	280.09	-501.54	75.77	-23.28	-248.11
49783	77.84	-2.50	-10.50	507.32	309.54	-533.19	81.50	-10.40	-252.71
49784	77.84	-3.10	-10.50	494.96	283.10	-501.80	79.81	-10.12	-251.54
49785	58.39	-2.50	-9.50	225.37	165.49	-466.57	202.21	-312.48	-134.41
49786	57.54	-2.50	-9.50	207.85	160.48	-409.75	253.85	-287.63	-139.64
49787	56.70	-2.50	-9.50	210.71	154.66	-345.21	324.67	-232.16	-145.85
49788	55.85	-2.50	-9.50	253.67	136.06	-243.94	442.84	-147.39	-126.85
49789	55.01	-2.50	-9.50	320.00	158.70	-23.14	736.05	-144.36	4.42
49790	58.47	-3.10	-9.50	233.95	144.97	-437.52	189.23	-317.03	-131.04
49791	57.62	-3.10	-9.50	218.15	140.90	-379.70	238.08	-294.76	-134.91
49792	56.77	-3.10	-9.50	218.13	138.04	-311.74	303.22	-237.72	-138.66
49793	55.93	-3.10	-9.50	247.42	135.95	-208.57	401.86	-134.25	-106.73
49794	55.08	-3.10	-9.50	239.55	131.41	7.72	634.95	-85.67	74.60
49795	58.39	-2.50	-10.50	244.55	185.39	-476.83	233.93	-279.67	-124.52
49796	57.54	-2.50	-10.50	228.43	176.16	-439.57	292.48	-260.91	-141.55
49797	56.70	-2.50	-10.50	238.36	171.22	-395.11	374.31	-220.74	-172.88



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]
49798	55.85	-2.50	-10.50	310.04	178.27	-343.07	515.63	-167.39	-239.09
49799	55.01	-2.50	-10.50	470.30	253.66	-34.17	942.25	-102.86	-422.88
49800	58.47	-3.10	-10.50	255.10	157.92	-449.45	219.09	-284.18	-119.78
49801	57.62	-3.10	-10.50	242.55	148.81	-412.16	275.35	-268.07	-134.80
49802	56.77	-3.10	-10.50	255.12	148.33	-367.16	353.36	-226.56	-162.25
49803	55.93	-3.10	-10.50	331.74	165.42	-321.78	484.91	-159.69	-214.87
49804	55.08	-3.10	-10.50	517.41	270.93	0.39	887.78	-82.71	-368.10
49805	97.23	-3.96	-9.50	156.75	178.80	-535.05	94.92	235.31	-84.62
49806	96.02	-3.96	-9.50	182.61	180.43	-548.59	95.57	207.96	-112.32
49807	94.81	-3.96	-9.50	203.03	183.14	-547.41	95.49	177.36	-136.39
49808	93.60	-3.96	-9.50	219.83	186.73	-535.51	95.15	148.80	-157.70
49809	92.39	-3.96	-9.50	235.47	190.85	-518.26	94.69	125.05	-177.10
49810	91.18	-3.96	-9.50	251.76	195.14	-500.32	94.09	106.60	-195.14
49811	89.96	-3.96	-9.50	269.44	199.27	-484.67	93.25	92.61	-211.99
49812	88.75	-3.96	-9.50	288.35	203.03	-472.62	92.11	81.77	-227.65
49813	87.54	-3.96	-9.50	307.86	206.29	-464.34	90.61	72.81	-241.97
49814	86.33	-3.96	-9.50	327.21	208.97	-459.39	88.70	64.70	-254.77
49815	85.12	-3.95	-9.50	345.71	211.04	-457.05	86.35	56.63	-265.89
49816	83.90	-3.95	-9.50	362.77	212.48	-456.59	83.57	48.02	-275.18
49817	82.69	-3.95	-9.50	377.93	213.27	-457.30	80.38	38.52	-282.49
49818	81.48	-3.95	-9.50	390.83	213.39	-458.62	76.87	27.93	-287.71
49819	80.27	-3.95	-9.50	401.18	212.84	-460.07	73.16	16.19	-290.76
49820	79.06	-3.95	-9.50	408.81	211.59	-461.34	69.37	3.37	-291.54
49821	96.98	-5.08	-9.50	155.09	155.20	-472.93	96.29	202.96	-88.35
49822	95.78	-5.08	-9.50	178.14	156.20	-481.60	96.46	177.12	-113.84
49823	94.59	-5.08	-9.50	196.51	158.18	-477.91	96.12	149.18	-135.83
49824	93.39	-5.08	-9.50	211.89	160.87	-465.52	95.65	123.47	-155.36
49825	92.20	-5.07	-9.50	226.44	163.92	-449.08	95.10	102.26	-173.34
49826	91.00	-5.07	-9.50	241.69	167.00	-432.52	94.38	85.94	-190.29
49827	89.81	-5.07	-9.50	258.22	169.85	-418.34	93.40	73.77	-206.36
49828	88.61	-5.07	-9.50	275.83	172.31	-407.55	92.08	64.61	-221.43
49829	87.42	-5.07	-9.50	293.93	174.32	-400.21	90.36	57.30	-235.30
49830	86.22	-5.06	-9.50	311.84	175.84	-395.87	88.19	50.87	-247.74
49831	85.03	-5.06	-9.50	328.95	176.87	-393.87	85.53	44.55	-258.57
49832	83.83	-5.06	-9.50	344.75	177.40	-393.53	82.38	37.80	-267.61
49833	82.63	-5.06	-9.50	358.84	177.44	-394.26	78.78	30.26	-274.74
49834	81.44	-5.06	-9.50	370.91	176.96	-395.54	74.83	21.75	-279.82
49835	80.24	-5.05	-9.50	380.72	175.98	-396.97	70.64	12.18	-282.76
49836	79.05	-5.05	-9.50	388.11	174.48	-398.26	66.33	1.57	-283.49
49837	96.66	-6.18	-9.50	153.44	132.04	-411.79	96.25	171.41	-88.79
49838	95.49	-6.18	-9.50	173.75	132.32	-415.83	96.10	147.19	-111.97
49839	94.31	-6.18	-9.50	190.12	133.46	-409.78	95.62	121.89	-131.96
49840	93.14	-6.18	-9.50	204.11	135.17	-396.94	95.07	98.97	-149.82
49841	91.96	-6.17	-9.50	217.56	137.13	-381.26	94.43	80.21	-166.47
49842	90.79	-6.17	-9.50	231.72	139.04	-366.02	93.59	65.95	-182.39
49843	89.61	-6.17	-9.50	247.04	140.70	-353.18	92.48	55.56	-197.64
49844	88.44	-6.17	-9.50	263.27	141.99	-343.51	90.99	48.04	-212.04
49845	87.26	-6.17	-9.50	279.87	142.89	-336.95	89.08	42.33	-225.33
49846	86.09	-6.16	-9.50	296.24	143.40	-333.05	86.67	37.51	-237.27
49847	84.91	-6.16	-9.50	311.87	143.52	-331.22	83.74	32.86	-247.65
49848	83.74	-6.16	-9.50	326.31	143.27	-330.87	80.29	27.89	-256.32
49849	82.56	-6.16	-9.50	339.24	142.65	-331.48	76.37	22.24	-263.14
49850	81.39	-6.16	-9.50	350.38	141.66	-332.62	72.06	15.74	-267.99
49851	80.21	-6.15	-9.50	359.55	140.31	-333.92	67.49	8.27	-270.78
49852	79.04	-6.15	-9.50	366.59	138.60	-335.16	62.76	-0.16	-271.42
49853	96.28	-7.26	-9.50	151.68	109.77	-352.16	94.84	140.94	-86.09
49854	95.13	-7.26	-9.50	169.36	109.23	-351.93	94.53	118.37	-106.90
49855	93.98	-7.26	-9.50	183.83	109.44	-343.72	93.99	95.67	-124.96
49856	92.83	-7.26	-9.50	196.48	110.13	-330.47	93.43	75.43	-141.25
49857	91.68	-7.26	-9.50	208.82	111.04	-315.46	92.74	59.05	-156.65
49858	90.53	-7.26	-9.50	221.87	111.87	-301.34	91.82	46.83	-171.55
49859	89.38	-7.26	-9.50	235.91	112.45	-289.62	90.59	38.22	-185.90
49860	88.23	-7.26	-9.50	250.68	112.74	-280.81	88.96	32.31	-199.48
49861	87.08	-7.26	-9.50	265.70	112.70	-274.76	86.86	28.14	-212.01
49862	85.93	-7.26	-9.50	280.47	112.34	-271.07	84.24	24.85	-223.25
49863	84.78	-7.26	-9.50	294.54	111.70	-269.21	81.09	21.77	-233.02
49864	83.63	-7.25	-9.50	307.57	110.79	-268.68	77.39	18.46	-241.17
49865	82.48	-7.25	-9.50	319.26	109.61	-269.02	73.22	14.60	-247.56
49866	81.33	-7.25	-9.50	329.42	108.19	-269.88	68.65	9.99	-252.08
49867	80.18	-7.25	-9.50	337.85	106.54	-270.96	63.80	4.55	-254.64
49868	79.03	-7.25	-9.50	344.43	104.68	-272.05	58.77	-1.77	-255.14
49869	97.23	-3.96	-10.50	199.33	224.24	-517.74	124.51	207.92	-62.64
49870	96.02	-3.96	-10.50	230.73	227.46	-526.98	127.23	185.25	-87.95
49871	94.81	-3.96	-10.50	257.48	231.22	-526.13	128.04	158.73	-110.15
49872	93.60	-3.96	-10.50	280.47	235.20	-517.72	127.51	132.63	-129.88
49873	92.39	-3.96	-10.50	301.21	239.08	-505.20	126.06	109.69	-147.76
49874	91.18	-3.96	-10.50	321.04	242.57	-491.79	123.95	91.06	-164.25
49875	89.96	-3.96	-10.50	340.70	245.51	-479.72	121.36	76.61	-179.54
49876	88.75	-3.96	-10.50	360.32	247.86	-470.12	118.36	65.57	-193.61
49877	87.54	-3.96	-10.50	379.61	249.66	-463.25	114.99	56.91	-206.36
49878	86.33	-3.96	-10.50	398.16	250.94	-458.86	111.22	49.63	-217.66
49879	85.12	-3.95	-10.50	415.53	251.72	-456.46	107.03	42.88	-227.38
49880	83.90	-3.95	-10.50	431.31	252.03	-455.51	102.46	36.03	-235.42
49881	82.69	-3.95	-10.50	445.18	251.83	-455.48	97.56	28.63	-241.69
49882	81.48	-3.95	-10.50	456.87	251.11	-455.93	92.43	20.44	-246.10
49883	80.27	-3.95	-10.50	466.14	249.86	-456.52	87.20	11.32	-248.59
49884	79.06	-3.95	-10.50	472.84	248.05	-456.98	82.04	1.26	-249.11
49885	96.98	-5.08	-10.50	197.82	194.27	-459.43	126.33	179.31	-65.70
49886	95.78	-5.08	-10.50	225.98	196.05	-465.00	128.27	157.65	-88.89
49887	94.59	-5.08	-10.50	249.93	198.39	-462.06	128.51	133.21	-109.05
49888	93.39	-5.08	-10.50	270.61	200.93	-453.02	127.52	109.53	-126.99
49889	92.20	-5.07	-10.50	289.46	203.28	-440.97	125.66	88.91	-143.46
49890	91.00	-5.07	-10.50	307.65	205.17	-428.64	123.22	72.34	-158.94
49891	89.81	-5.07	-10.50	325.77	206.48	-417.84	120.37	59.75	-173.54
49892	88.61	-5.07	-10.50	343.85	207.25	-409.42	117.17	50.42	-187.15
49893	87.42	-5.07	-10.50	361.62	207.57	-403.48	113.62	43.40	-199.57
49894	86.22	-5.06	-10.50	378.67	207.51	-399.75	109.66	37.73	-210.63
49895	85.03	-5.06	-10.50	394.64	207.13	-397.77	105.27	32.61	-220.15
49896	83.83	-5.06	-10.50	409.19	206.43	-397.06	100.44	27.42	-228.04

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]
49897	82.63	-5.06	-10.50	422.06	205.40	-397.14	95.25	21.75	-234.18
49898	81.44	-5.06	-10.50	433.01	204.04	-397.65	89.78	15.36	-238.51
49899	80.24	-5.05	-10.50	441.85	202.32	-398.28	84.17	8.10	-240.94
49900	79.05	-5.05	-10.50	448.44	200.23	-398.80	78.57	-0.05	-241.43
49901	96.66	-6.18	-10.50	196.29	164.68	-401.80	126.37	151.48	-66.17
49902	95.49	-6.18	-10.50	221.24	164.95	-403.80	127.64	130.94	-87.12
49903	94.31	-6.18	-10.50	242.42	165.80	-398.83	127.40	108.56	-105.26
49904	93.14	-6.18	-10.50	260.85	166.83	-389.20	126.02	87.21	-121.52
49905	91.96	-6.17	-10.50	277.84	167.67	-377.62	123.84	68.80	-136.71
49906	90.79	-6.17	-10.50	294.40	168.04	-366.37	121.13	54.21	-151.26
49907	89.61	-6.17	-10.50	310.96	167.86	-356.82	118.08	43.41	-165.21
49908	88.44	-6.17	-10.50	327.46	167.24	-349.50	114.76	35.77	-178.33
49909	87.26	-6.17	-10.50	343.60	166.28	-344.40	111.10	30.35	-190.34
49910	86.09	-6.16	-10.50	359.06	165.09	-341.22	107.02	26.24	-201.03
49911	84.91	-6.16	-10.50	373.54	163.70	-339.53	102.48	22.67	-210.23
49912	83.74	-6.16	-10.50	386.78	162.14	-338.93	97.47	19.08	-217.85
49913	82.56	-6.16	-10.50	398.55	160.41	-339.03	92.07	15.07	-223.78
49914	81.39	-6.16	-10.50	408.68	158.49	-339.50	86.35	10.41	-227.95
49915	80.21	-6.15	-10.50	416.98	156.37	-340.09	80.47	4.97	-230.28
49916	79.04	-6.15	-10.50	423.35	154.04	-340.60	74.55	-1.31	-230.71
49917	96.28	-7.26	-10.50	194.57	136.30	-345.77	124.65	124.59	-64.18
49918	95.13	-7.26	-10.50	216.39	135.04	-344.48	125.35	105.21	-82.86
49919	93.98	-7.26	-10.50	234.92	134.33	-337.67	124.72	84.89	-99.10
49920	92.83	-7.26	-10.50	251.19	133.84	-327.52	123.09	65.77	-113.80
49921	91.68	-7.26	-10.50	266.39	133.24	-316.40	120.69	49.49	-127.80
49922	90.53	-7.26	-10.50	281.34	132.23	-306.13	117.82	36.86	-141.46
49923	89.38	-7.26	-10.50	296.30	130.78	-297.67	114.70	27.87	-154.67
49924	88.23	-7.26	-10.50	311.14	129.01	-291.25	111.32	21.89	-167.13
49925	87.08	-7.26	-10.50	325.60	127.02	-286.76	107.59	18.03	-178.53
49926	85.93	-7.26	-10.50	339.41	124.89	-283.90	103.43	15.39	-188.66
49927	84.78	-7.26	-10.50	352.34	122.68	-282.31	98.79	13.27	-197.38
49928	83.63	-7.25	-10.50	364.20	120.41	-281.66	93.67	11.16	-204.58
49929	82.48	-7.25	-10.50	374.82	118.08	-281.63	88.12	8.71	-210.19
49930	81.33	-7.25	-10.50	384.04	115.69	-281.94	82.26	5.69	-214.11
49931	80.18	-7.25	-10.50	391.72	113.24	-282.39	76.21	1.98	-216.27
49932	79.03	-7.25	-10.50	397.74	110.73	-282.81	70.08	-2.48	-216.61
49933	101.69	-3.96	-9.50	5.74	185.39	-313.21	38.13	82.71	155.12
49934	100.83	-3.96	-9.50	17.36	183.49	-341.67	57.70	165.08	103.00
49935	99.98	-3.96	-9.50	42.23	181.31	-389.29	73.77	220.09	50.63
49936	99.12	-3.96	-9.50	78.58	179.38	-446.36	85.47	250.67	-0.52
49937	98.27	-3.96	-9.50	120.78	178.43	-500.11	92.38	253.60	-47.83
49938	101.47	-5.07	-9.50	8.77	169.42	-287.42	43.17	84.28	152.32
49939	100.60	-5.07	-9.50	22.12	165.49	-311.08	62.64	156.40	97.95
49940	99.74	-5.08	-9.50	47.48	161.37	-352.09	78.09	201.96	44.31
49941	98.87	-5.08	-9.50	82.79	157.82	-400.94	88.82	224.62	-7.03
49942	98.01	-5.08	-9.50	122.37	155.65	-445.61	94.63	222.45	-53.45
49943	101.20	-6.17	-9.50	12.09	153.47	-261.53	46.96	85.76	149.37
49944	100.32	-6.18	-9.50	26.99	147.60	-280.63	66.03	147.62	93.47
49945	99.44	-6.18	-9.50	52.82	141.69	-315.20	80.71	183.89	39.44
49946	98.57	-6.18	-9.50	86.98	136.63	-356.02	90.46	198.86	-11.27
49947	97.69	-6.18	-9.50	123.92	133.30	-391.83	95.29	191.86	-56.13
49948	100.87	-7.26	-9.50	15.36	137.90	-235.68	49.57	87.07	146.29
49949	99.98	-7.26	-9.50	31.89	130.28	-250.41	67.91	138.77	89.67
49950	99.09	-7.26	-9.50	58.04	122.66	-278.80	81.74	165.98	36.06
49951	98.20	-7.26	-9.50	90.95	116.25	-311.86	90.48	173.56	-13.23
49952	97.31	-7.26	-9.50	125.26	111.84	-339.16	94.43	162.05	-55.94
49953	101.69	-3.96	-10.50	9.62	214.89	-377.03	44.20	74.63	154.85
49954	100.83	-3.96	-10.50	29.52	217.31	-382.51	68.83	145.98	106.92
49955	99.98	-3.96	-10.50	65.23	218.51	-414.59	90.00	193.45	59.18
49956	99.12	-3.96	-10.50	110.08	219.66	-455.75	106.77	219.47	13.05
49957	98.27	-3.96	-10.50	158.29	221.60	-493.64	118.45	222.44	-29.41
49958	101.47	-5.07	-10.50	12.93	197.57	-345.52	50.23	76.74	152.24
49959	100.60	-5.07	-10.50	34.47	197.03	-347.63	74.78	138.76	102.31
49960	99.74	-5.08	-10.50	70.49	195.37	-374.59	95.23	177.66	53.49
49961	98.87	-5.08	-10.50	114.28	193.88	-409.61	110.92	196.68	7.29
49962	98.01	-5.08	-10.50	160.04	193.47	-440.89	121.37	195.12	-34.27
49963	101.20	-6.17	-10.50	16.61	180.11	-313.81	54.95	78.71	149.12
49964	100.32	-6.18	-10.50	39.66	176.71	-312.84	79.13	131.40	97.78
49965	99.44	-6.18	-10.50	75.95	172.34	-334.88	98.71	161.92	48.70
49966	98.57	-6.18	-10.50	118.57	168.33	-363.89	113.22	174.17	3.18
49967	97.69	-6.18	-10.50	161.81	165.66	-388.68	122.45	168.33	-36.87
49968	100.87	-7.26	-10.50	20.35	163.23	-282.39	58.46	80.44	145.56
49969	99.98	-7.26	-10.50	45.00	157.21	-278.65	81.93	123.97	93.51
49970	99.09	-7.26	-10.50	81.36	150.20	-295.97	100.50	146.33	44.93
49971	98.20	-7.26	-10.50	122.66	143.83	-319.20	113.74	152.07	0.79
49972	97.31	-7.26	-10.50	163.34	139.02	-337.77	121.71	142.23	-37.26
49973	77.87	-7.25	-9.50	349.07	102.55	-272.97	53.70	-8.96	-253.52
49974	77.86	-6.15	-9.50	371.37	136.46	-336.06	58.03	-9.51	-269.82
49975	77.85	-5.05	-9.50	392.95	172.39	-399.13	62.05	-10.02	-281.95
49976	77.84	-3.95	-9.50	413.60	209.63	-462.16	65.67	-10.46	-290.04
49977	76.72	-7.25	-9.50	351.72	100.14	-273.67	48.70	-17.02	-249.75
49978	76.69	-6.15	-9.50	373.86	133.86	-336.55	53.43	-19.76	-265.98
49979	76.66	-5.05	-9.50	395.19	169.71	-399.49	57.97	-22.47	-278.11
49980	76.63	-3.95	-9.50	415.51	206.95	-462.45	62.22	-25.12	-286.25
49981	75.57	-7.25	-9.50	352.40	97.48	-274.22	43.95	-25.95	-243.84
49982	75.51	-6.16	-9.50	374.12	130.89	-336.77	49.14	-30.83	-259.95
49983	75.46	-5.06	-9.50	394.90	166.51	-399.47	54.26	-35.70	-272.04
49984	75.42	-3.95	-9.50	414.59	203.60	-462.27	59.19	-40.47	-280.22
49985	74.42	-7.25	-9.50	351.17	94.60	-274.69	39.56	-35.75	-235.85
49986	74.34	-6.16	-9.50	372.21	127.57	-336.81	45.30	-42.71	-251.78
49987	74.27	-5.06	-9.50	392.18	162.81	-399.19	51.08	-49.63	-263.81
49988	74.21	-3.95	-9.50	410.94	199.59	-461.74	56.76	-56.40	-272.03
49989	73.27	-7.25	-9.50	348.13	91.48	-275.24	35.69	-46.47	-225.88
49990	73.16	-6.16	-9.50	368.25	123.88	-336.84	42.07	-55.41	-241.58
49991	73.07	-5.06	-9.50	387.15	158.63	-398.82	48.59	-64.26	-253.55
49992	73.00	-3.95	-9.50	404.73	194.98	-461.08	55.07	-72.84	-261.83
49993	72.12	-7.26	-9.50	343.40	88.10	-276.04	32.44	-58.23	-214.02
49994	71.99	-6.16	-9.50	362.39	119.84	-337.05	39.58	-69.03	-229.49
49995	71.87	-5.06	-9.50	380.02	154.00	-398.60	46.94	-79.62	-241.42

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]
49996	71.78	-3.95	-9.50	396.21	189.80	-460.54	54.28	-89.80	-249.80
49997	70.97	-7.26	-9.50	337.18	84.45	-277.30	29.95	-71.20	-200.47
49998	70.81	-6.16	-9.50	354.88	115.45	-337.68	37.96	-83.73	-215.72
49999	70.68	-5.06	-9.50	371.06	148.93	-398.80	46.25	-95.87	-227.66
50000	70.57	-3.96	-9.50	385.69	184.11	-460.43	54.53	-107.39	-236.20
50001	69.82	-7.26	-9.50	329.69	80.51	-279.21	28.32	-85.69	-185.45
50002	69.64	-6.17	-9.50	345.98	110.70	-338.99	37.34	-99.80	-200.55
50003	69.48	-5.07	-9.50	360.60	143.46	-399.70	46.68	-113.24	-212.59
50004	69.36	-3.96	-9.50	373.54	177.98	-461.06	55.97	-125.80	-221.37
50005	68.67	-7.26	-9.50	321.26	76.24	-281.96	27.64	-102.09	-169.28
50006	68.46	-6.17	-9.50	336.09	105.59	-341.15	37.83	-117.61	-184.36
50007	68.29	-5.07	-9.50	349.06	137.62	-401.52	48.35	-132.08	-196.63
50008	68.15	-3.96	-9.50	360.23	171.48	-462.67	58.76	-145.31	-205.74
50009	67.52	-7.26	-9.50	312.29	71.58	-285.60	28.01	-120.90	-152.41
50010	67.29	-6.17	-9.50	325.64	100.09	-344.26	39.55	-137.62	-167.69
50011	67.09	-5.07	-9.50	336.95	131.42	-404.35	51.42	-152.77	-180.33
50012	66.94	-3.96	-9.50	346.29	164.68	-465.33	63.08	-166.26	-189.84
50013	66.37	-7.26	-9.50	303.19	66.49	-289.95	29.52	-142.64	-135.42
50014	66.11	-6.17	-9.50	315.12	94.17	-348.11	42.63	-160.27	-151.15
50015	65.90	-5.07	-9.50	324.77	124.87	-407.94	56.08	-175.72	-164.35
50016	65.72	-3.96	-9.50	332.22	157.66	-468.72	69.18	-189.00	-174.32
50017	65.22	-7.26	-9.50	294.30	60.89	-294.35	32.24	-167.64	-118.92
50018	64.94	-6.17	-9.50	304.89	87.81	-351.93	47.22	-185.88	-135.44
50019	64.70	-5.07	-9.50	312.89	118.02	-411.40	62.54	-201.19	-149.39
50020	64.51	-3.96	-9.50	318.37	150.52	-471.88	77.33	-213.79	-159.88
50021	64.07	-7.26	-9.50	285.66	54.74	-297.38	36.24	-195.86	-103.41
50022	63.76	-6.18	-9.50	294.98	80.99	-354.12	53.44	-214.32	-121.10
50023	63.51	-5.08	-9.50	301.31	110.89	-413.00	70.99	-229.06	-136.03
50024	63.30	-3.96	-9.50	304.68	143.38	-472.90	87.84	-240.47	-147.16
50025	62.92	-7.26	-9.50	276.91	48.04	-296.82	41.48	-226.51	-89.09
50026	62.59	-6.18	-9.50	285.07	73.69	-352.26	61.34	-244.75	-108.38
50027	62.31	-5.08	-9.50	289.68	103.51	-410.10	81.65	-258.38	-124.66
50028	62.09	-3.96	-9.50	290.70	136.30	-469.01	101.04	-267.97	-136.67
50029	61.77	-7.26	-9.50	267.64	40.56	-290.02	47.83	-257.96	-75.64
50030	61.41	-6.18	-9.50	274.74	65.78	-343.45	71.06	-275.30	-97.16
50031	61.12	-5.08	-9.50	277.52	95.84	-399.68	94.84	-286.97	-115.38
50032	60.88	-3.96	-9.50	275.90	129.35	-457.14	117.43	-293.81	-128.74
50033	60.62	-7.26	-9.50	257.81	32.06	-274.50	55.51	-287.81	-62.55
50034	60.24	-6.18	-9.50	264.05	57.07	-325.17	83.02	-302.95	-87.12
50035	59.92	-5.08	-9.50	264.96	87.84	-379.27	111.23	-311.24	-108.16
50036	59.67	-3.96	-9.50	260.41	122.57	-434.99	137.83	-313.92	-123.58
50037	77.87	-7.25	-10.50	401.99	108.08	-283.05	64.03	-7.71	-215.06
50038	77.86	-6.15	-10.50	427.61	151.38	-340.82	68.76	-8.40	-229.17
50039	77.85	-5.05	-10.50	452.62	197.65	-398.99	73.14	-9.07	-239.92
50040	77.84	-3.95	-10.50	476.83	245.61	-457.14	77.09	-9.68	-247.63
50041	76.72	-7.25	-10.50	404.41	105.26	-283.08	58.19	-13.73	-211.60
50042	76.69	-6.15	-10.50	429.72	148.37	-340.68	63.24	-16.31	-225.65
50043	76.66	-5.05	-10.50	454.33	194.55	-398.78	68.07	-18.89	-236.40
50044	76.63	-3.95	-10.50	478.05	242.55	-456.90	72.57	-21.40	-244.16
50045	75.57	-7.25	-10.50	404.98	102.29	-282.96	52.74	-20.58	-206.24
50046	75.51	-6.16	-10.50	429.70	145.07	-340.33	58.19	-25.02	-220.18
50047	75.46	-5.06	-10.50	453.60	191.03	-398.29	63.55	-29.47	-230.92
50048	75.42	-3.95	-10.50	476.51	238.89	-456.35	68.67	-33.82	-238.73
50049	74.42	-7.25	-10.50	403.73	99.17	-282.75	47.83	-28.27	-199.02
50050	74.34	-6.16	-10.50	427.58	141.49	-339.83	53.78	-34.53	-212.82
50051	74.27	-5.06	-10.50	450.47	187.07	-397.61	59.75	-40.77	-223.53
50052	74.21	-3.95	-10.50	472.25	234.63	-455.57	65.56	-46.87	-231.42
50053	73.27	-7.25	-10.50	400.68	95.86	-282.56	43.59	-36.90	-190.03
50054	73.16	-6.16	-10.50	423.40	137.59	-339.30	50.17	-44.89	-203.65
50055	73.07	-5.06	-10.50	444.99	182.66	-396.87	56.84	-52.83	-214.35
50056	73.00	-3.95	-10.50	465.36	229.78	-454.71	63.43	-60.55	-222.34
50057	72.12	-7.26	-10.50	395.90	92.32	-282.52	40.16	-46.58	-179.36
50058	71.99	-6.16	-10.50	417.23	133.35	-338.89	47.49	-56.23	-192.80
50059	71.87	-5.06	-10.50	437.28	177.79	-396.25	55.00	-65.74	-203.52
50060	71.78	-3.95	-10.50	455.98	224.36	-453.97	62.44	-74.90	-211.65
50061	70.97	-7.26	-10.50	389.45	88.50	-282.76	37.66	-57.53	-167.15
50062	70.81	-6.16	-10.50	409.19	128.74	-338.77	45.89	-68.76	-180.43
50063	70.68	-5.06	-10.50	427.49	172.46	-395.95	54.35	-79.69	-191.23
50064	70.57	-3.96	-10.50	444.32	218.36	-453.60	62.76	-90.09	-199.58
50065	69.82	-7.26	-10.50	381.44	84.33	-283.41	36.17	-70.08	-153.59
50066	69.64	-6.17	-10.50	399.43	123.68	-339.11	45.46	-82.78	-166.79
50067	69.48	-5.07	-10.50	415.83	166.61	-396.18	55.02	-94.96	-177.76
50068	69.36	-3.96	-10.50	430.62	211.79	-453.80	64.52	-106.36	-186.42
50069	68.67	-7.26	-10.50	372.01	79.67	-284.57	35.72	-84.67	-138.95
50070	68.46	-6.17	-10.50	388.18	118.08	-340.04	46.25	-98.74	-152.21
50071	68.29	-5.07	-10.50	402.57	160.16	-397.08	57.10	-111.94	-163.52
50072	68.15	-3.96	-10.50	415.21	204.59	-454.75	67.87	-124.04	-172.59
50073	67.52	-7.26	-10.50	361.41	74.37	-286.29	36.32	-101.85	-123.66
50074	67.29	-6.17	-10.50	375.73	111.77	-341.62	48.32	-117.11	-137.20
50075	67.09	-5.07	-10.50	388.08	152.97	-398.71	60.72	-131.04	-149.01
50076	66.94	-3.96	-10.50	398.46	196.69	-456.46	72.98	-143.45	-158.59
50077	66.37	-7.26	-10.50	349.95	68.20	-288.52	37.97	-122.13	-108.31
50078	66.11	-6.17	-10.50	362.47	104.52	-343.74	51.74	-138.31	-122.39
50079	65.90	-5.07	-10.50	372.74	144.87	-400.87	66.01	-152.58	-134.88
50080	65.72	-3.96	-10.50	380.77	188.00	-458.64	80.08	-164.88	-145.04
50081	65.22	-7.26	-10.50	337.97	60.88	-290.96	40.76	-145.67	-93.54
50082	64.94	-6.17	-10.50	348.72	96.09	-345.92	56.70	-162.44	-108.48
50083	64.70	-5.07	-10.50	356.87	135.68	-402.92	73.25	-176.62	-121.82
50084	64.51	-3.96	-10.50	362.39	178.42	-460.54	89.50	-188.32	-132.62
50085	64.07	-7.26	-10.50	325.63	52.26	-292.77	44.96	-172.10	-79.87
50086	63.76	-6.18	-10.50	334.63	86.34	-347.14	63.47	-189.07	-95.99
50087	63.51	-5.08	-10.50	340.59	125.31	-403.67	82.77	-202.71	-110.39
50088	63.30	-3.96	-10.50	343.42	167.96	-460.84	101.63	-213.30	-121.94
50089	62.92	-7.26	-10.50	312.79	42.39	-292.51	50.81	-200.34	-67.44
50090	62.59	-6.18	-10.50	320.16	75.27	-345.80	72.39	-217.09	-85.13
50091	62.31	-5.08	-10.50	323.89	113.78	-401.41	94.97	-229.69	-100.96
50092	62.09	-3.96	-10.50	323.84	156.67	-457.73	116.95	-238.58	-113.55
50093	61.77	-7.26	-10.50	299.36	31.19	-288.34	58.41	-228.73	-55.87
50094	61.41	-6.18	-10.50	305.38	62.91	-340.05	83.78	-244.72	-75.82

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]
50095	61.12	-5.08	-10.50	306.98	101.21	-394.32	110.34	-255.58	-93.72
50096	60.88	-3.96	-10.50	303.89	144.75	-449.44	136.07	-261.94	-107.91
50097	60.62	-7.26	-10.50	285.76	18.62	-278.53	67.98	-255.40	-44.72
50098	60.24	-6.18	-10.50	291.06	49.27	-328.30	98.06	-269.61	-67.85
50099	59.92	-5.08	-10.50	290.86	87.82	-381.01	129.58	-277.59	-88.85
50100	59.67	-3.96	-10.50	284.67	132.50	-434.79	159.86	-280.23	-105.54
50101	58.63	-3.96	-9.50	243.56	115.73	-395.34	167.70	-322.48	-121.79
50102	57.78	-3.96	-9.50	229.90	111.39	-335.60	213.48	-306.00	-124.06
50103	56.92	-3.96	-9.50	224.39	115.38	-263.16	275.11	-248.86	-126.49
50104	56.07	-3.96	-9.50	220.63	132.78	-150.58	360.41	-117.99	-94.55
50105	55.21	-3.96	-9.50	126.28	136.40	-25.15	591.17	15.97	121.49
50106	58.89	-5.08	-9.50	251.43	78.72	-340.61	135.91	-326.82	-103.16
50107	58.03	-5.08	-9.50	241.58	70.65	-278.90	177.14	-320.77	-101.70
50108	57.16	-5.08	-9.50	235.09	76.24	-197.50	241.35	-273.18	-107.90
50109	56.30	-5.07	-9.50	199.88	111.67	-67.69	337.07	-122.54	-92.97
50110	55.43	-5.07	-9.50	43.16	124.23	-31.08	549.94	75.36	83.22
50111	59.21	-6.18	-9.50	252.43	45.82	-288.14	101.44	-325.56	-77.47
50112	58.33	-6.18	-9.50	245.43	31.73	-225.84	133.84	-332.10	-69.21
50113	57.46	-6.18	-9.50	248.69	21.59	-137.37	195.34	-306.25	-71.24
50114	56.58	-6.18	-9.50	223.16	53.81	34.25	313.46	-187.20	-94.02
50115	55.70	-6.17	-9.50	21.69	82.34	45.18	527.64	22.23	-1.98
50116	59.59	-7.26	-9.50	246.35	19.83	-240.42	67.18	-316.16	-46.98
50117	58.70	-7.26	-9.50	238.54	2.24	-179.41	88.51	-335.23	-29.51
50118	57.81	-7.26	-9.50	246.51	-25.19	-91.86	128.65	-331.47	-15.35
50119	56.92	-7.26	-9.50	258.06	-46.13	114.23	234.70	-282.10	-29.09
50120	56.03	-7.26	-9.50	132.86	-23.36	268.17	504.73	-258.51	-111.40
50121	58.63	-3.96	-10.50	266.84	119.37	-409.21	194.46	-289.26	-108.44
50122	57.78	-3.96	-10.50	258.65	108.92	-371.37	247.33	-278.40	-120.29
50123	56.92	-3.96	-10.50	273.74	112.91	-324.00	323.23	-237.16	-144.59
50124	56.07	-3.96	-10.50	350.71	147.74	-289.23	451.99	-147.86	-187.80
50125	55.21	-3.96	-10.50	558.76	307.47	28.38	832.36	-33.06	-315.38
50126	58.89	-5.08	-10.50	276.44	72.23	-356.27	158.28	-292.79	-87.59
50127	58.03	-5.08	-10.50	273.13	57.05	-317.19	205.05	-291.00	-93.86
50128	57.16	-5.08	-10.50	294.37	57.07	-263.84	280.41	-257.40	-116.22
50129	56.30	-5.07	-10.50	379.53	104.59	-229.99	421.07	-153.67	-163.48
50130	55.43	-5.07	-10.50	616.66	326.63	95.15	809.12	3.02	-296.25
50131	59.21	-6.18	-10.50	277.90	32.06	-304.54	119.74	-290.62	-61.16
50132	58.33	-6.18	-10.50	275.98	10.77	-264.52	155.91	-299.36	-58.67
50133	57.46	-6.18	-10.50	305.23	-7.21	-203.16	220.81	-283.45	-73.22
50134	56.58	-6.18	-10.50	415.16	14.99	-147.33	369.26	-198.63	-128.08
50135	55.70	-6.17	-10.50	710.48	259.74	244.81	783.79	-54.18	-304.43
50136	59.59	-7.26	-10.50	271.62	1.26	-256.47	82.34	-280.97	-31.85
50137	58.70	-7.26	-10.50	266.09	-22.17	-216.42	106.40	-299.28	-18.41
50138	57.81	-7.26	-10.50	289.76	-56.29	-151.53	144.51	-302.08	-14.98
50139	56.92	-7.26	-10.50	417.31	-101.02	-65.69	252.88	-262.91	-45.66
50140	56.03	-7.26	-10.50	788.72	52.71	465.78	643.92	-217.41	-247.55
50141	79.01	-8.10	-9.50	326.96	79.93	-223.14	55.46	-2.99	-239.59
50142	79.01	-8.70	-9.50	314.54	63.37	-188.29	53.01	-3.81	-226.79
50143	80.14	-8.10	-9.50	320.77	81.85	-222.17	60.63	1.75	-239.19
50144	80.12	-8.70	-9.50	308.62	65.28	-187.38	58.23	-0.09	-226.43
50145	81.27	-8.10	-9.50	312.94	83.67	-221.28	65.62	5.70	-236.84
50146	81.23	-8.70	-9.50	301.22	67.16	-186.60	63.28	2.86	-224.25
50147	82.40	-8.10	-9.50	303.57	85.33	-220.65	70.33	8.89	-232.63
50148	82.34	-8.70	-9.50	292.42	68.94	-186.14	68.04	5.11	-220.26
50149	83.53	-8.10	-9.50	292.84	86.83	-220.55	74.64	11.44	-226.64
50150	83.45	-8.70	-9.50	282.36	70.60	-186.22	72.42	6.79	-214.57
50151	84.66	-8.10	-9.50	280.93	88.15	-221.30	78.48	13.53	-218.99
50152	84.56	-8.70	-9.50	271.22	72.14	-187.14	76.33	8.07	-207.28
50153	85.79	-8.10	-9.50	268.07	89.26	-223.28	81.78	15.45	-209.80
50154	85.67	-8.70	-9.50	259.22	73.52	-189.25	79.72	9.22	-198.53
50155	86.92	-8.10	-9.50	254.58	90.16	-226.94	84.53	17.61	-199.24
50156	86.79	-8.70	-9.50	246.63	74.74	-192.96	82.55	10.64	-188.48
50157	88.05	-8.10	-9.50	240.80	90.81	-232.73	86.76	20.61	-187.45
50158	87.90	-8.70	-9.50	233.76	75.78	-198.68	84.83	12.84	-177.30
50159	89.18	-8.10	-9.50	227.20	91.17	-241.05	88.50	25.22	-174.63
50160	89.01	-8.70	-9.50	220.98	76.54	-206.78	86.66	16.47	-165.07
50161	90.30	-8.10	-9.50	214.20	91.31	-252.06	89.78	32.42	-161.07
50162	90.12	-8.70	-9.50	208.73	77.10	-217.43	88.00	22.63	-152.02
50163	91.43	-8.10	-9.50	202.04	91.26	-265.42	90.75	42.98	-147.02
50164	91.23	-8.70	-9.50	197.34	77.62	-230.33	88.94	32.07	-138.72
50165	92.56	-8.10	-9.50	190.56	91.07	-279.95	91.45	57.47	-132.53
50166	92.34	-8.70	-9.50	186.40	77.85	-244.58	89.65	44.89	-124.69
50167	93.69	-8.10	-9.50	178.90	91.18	-293.46	91.96	75.73	-117.48
50168	93.45	-8.70	-9.50	175.33	78.53	-258.22	90.09	62.03	-110.49
50169	94.82	-8.10	-9.50	165.87	91.71	-303.14	92.50	96.33	-100.96
50170	94.56	-8.70	-9.50	163.35	79.53	-268.75	90.66	81.10	-95.30
50171	95.95	-8.10	-9.50	150.14	92.93	-306.35	92.88	117.49	-81.83
50172	95.68	-8.70	-9.50	148.89	81.18	-273.84	90.99	100.85	-77.29
50173	79.01	-8.10	-10.50	377.67	79.37	-238.42	66.38	-3.37	-203.06
50174	79.01	-8.70	-10.50	363.55	59.00	-206.87	63.66	-3.97	-191.49
50175	80.14	-8.10	-10.50	371.96	81.95	-238.08	72.56	-0.26	-202.78
50176	80.12	-8.70	-10.50	358.04	61.57	-206.57	69.83	-1.73	-191.23
50177	81.27	-8.10	-10.50	364.79	84.59	-237.76	78.68	2.16	-200.78
50178	81.23	-8.70	-10.50	351.24	64.27	-206.32	75.94	-0.16	-189.35
50179	82.40	-8.10	-10.50	356.28	87.24	-237.60	84.59	3.96	-197.10
50180	82.34	-8.70	-10.50	343.24	67.03	-206.27	81.85	0.84	-185.85
50181	83.53	-8.10	-10.50	346.56	89.92	-237.78	90.18	5.27	-191.82
50182	83.45	-8.70	-10.50	334.14	69.87	-206.58	87.44	1.40	-180.82
50183	84.66	-8.10	-10.50	335.77	92.62	-238.54	95.36	6.30	-185.02
50184	84.56	-8.70	-10.50	324.07	72.78	-207.47	92.62	1.73	-174.35
50185	85.79	-8.10	-10.50	324.04	95.32	-240.16	100.05	7.37	-176.80
50186	85.67	-8.70	-10.50	313.18	75.73	-209.18	97.32	2.13	-166.52
50187	86.92	-8.10	-10.50	311.54	98.01	-242.91	104.25	8.94	-167.26
50188	86.79	-8.70	-10.50	301.59	78.72	-211.97	101.53	3.00	-157.46
50189	88.05	-8.10	-10.50	298.42	100.65	-247.10	108.00	11.62	-156.52
50190	87.90	-8.70	-10.50	289.44	81.71	-216.09	105.28	4.93	-147.31
50191	89.18	-8.10	-10.50	284.91	103.11	-252.99	111.40	16.27	-144.73
50192	89.01	-8.70	-10.50	276.86	84.54	-221.80	108.68	8.58	-136.10
50193	90.30	-8.10	-10.50	271.23	105.38	-260.76	114.50	23.82	-132.23

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]
50194	90.12	-8.70	-10.50	264.09	87.25	-229.27	111.76	15.04	-124.11
50195	91.43	-8.10	-10.50	257.52	107.33	-270.33	117.38	34.82	-119.35
50196	91.23	-8.70	-10.50	251.41	89.83	-238.45	114.56	24.92	-111.97
50197	92.56	-8.10	-10.50	243.67	108.92	-281.07	119.85	49.39	-106.19
50198	92.34	-8.70	-10.50	238.42	91.98	-248.94	117.01	37.89	-99.25
50199	93.69	-8.10	-10.50	228.97	110.57	-291.48	121.58	66.83	-92.68
50200	93.45	-8.70	-10.50	224.62	94.40	-259.41	118.76	54.41	-86.54
50201	94.82	-8.10	-10.50	212.44	112.45	-299.48	122.48	85.48	-77.90
50202	94.56	-8.70	-10.50	209.54	97.04	-268.00	119.87	71.79	-73.01
50203	95.95	-8.10	-10.50	192.98	114.93	-303.02	122.16	103.83	-60.80
50204	95.68	-8.70	-10.50	191.65	100.27	-272.85	119.75	89.01	-56.92
50205	100.59	-8.10	-9.50	18.05	126.30	-215.44	50.56	88.01	144.07
50206	99.68	-8.10	-9.50	35.73	117.31	-226.87	68.44	131.84	87.45
50207	98.78	-8.10	-9.50	61.97	108.42	-250.53	81.55	152.12	34.68
50208	97.87	-8.10	-9.50	93.85	101.04	-277.66	89.48	154.11	-12.99
50209	96.97	-8.10	-9.50	126.12	95.76	-298.48	92.80	139.20	-53.71
50210	100.36	-8.70	-9.50	20.35	118.22	-200.72	50.90	88.52	142.56
50211	99.44	-8.70	-9.50	38.33	108.04	-209.89	68.45	126.80	86.06
50212	98.52	-8.70	-9.50	64.60	98.44	-230.22	80.89	142.16	34.28
50213	97.61	-8.70	-9.50	95.74	90.39	-253.16	88.20	140.21	-11.92
50214	96.69	-8.70	-9.50	126.54	84.50	-269.44	91.10	122.96	-50.78
50215	100.59	-8.10	-10.50	23.45	150.69	-258.15	60.11	81.69	142.85
50216	99.68	-8.10	-10.50	49.23	142.73	-252.31	83.11	118.13	90.89
50217	98.78	-8.10	-10.50	85.46	133.68	-266.06	100.83	134.26	43.10
50218	97.87	-8.10	-10.50	125.66	125.61	-284.87	113.00	135.05	0.49
50219	96.97	-8.10	-10.50	164.30	119.11	-298.76	119.97	122.17	-35.73
50220	100.36	-8.70	-10.50	26.24	142.51	-240.59	60.92	82.45	141.25
50221	99.44	-8.70	-10.50	52.16	132.63	-233.40	83.58	113.85	89.38
50222	98.52	-8.70	-10.50	88.27	122.38	-244.65	100.50	125.54	42.51
50223	97.61	-8.70	-10.50	127.65	113.07	-260.40	111.85	122.85	1.24
50224	96.69	-8.70	-10.50	164.79	105.40	-271.04	118.07	107.86	-33.30
50225	77.89	-8.10	-9.50	331.42	77.87	-224.07	50.19	-8.51	-237.96
50226	76.76	-8.10	-9.50	334.11	75.63	-224.93	44.99	-14.90	-234.26
50227	75.63	-8.10	-9.50	335.03	73.25	-225.74	39.97	-22.17	-228.51
50228	74.50	-8.10	-9.50	334.22	70.73	-226.57	35.25	-30.35	-220.75
50229	73.37	-8.10	-9.50	331.78	68.05	-227.55	30.95	-39.51	-211.06
50230	72.24	-8.10	-9.50	327.82	65.19	-228.86	27.19	-49.75	-199.53
50231	71.11	-8.10	-9.50	322.48	62.14	-230.68	24.08	-61.28	-186.31
50232	69.98	-8.10	-9.50	315.98	58.87	-233.19	21.74	-74.38	-171.60
50233	68.85	-8.10	-9.50	308.56	55.31	-236.53	20.20	-89.42	-155.67
50234	67.72	-8.10	-9.50	300.60	51.38	-240.75	19.56	-106.94	-138.84
50235	66.60	-8.10	-9.50	292.49	47.07	-245.68	19.92	-127.53	-121.66
50236	65.47	-8.10	-9.50	284.45	42.26	-250.73	21.25	-151.49	-104.64
50237	64.34	-8.10	-9.50	276.59	36.82	-254.61	23.62	-178.91	-88.18
50238	63.21	-8.10	-9.50	268.47	30.96	-255.30	27.00	-209.17	-72.63
50239	62.08	-8.10	-9.50	259.67	24.34	-250.35	30.96	-240.55	-57.46
50240	60.95	-8.10	-9.50	250.03	16.59	-237.43	35.66	-271.25	-41.94
50241	77.89	-8.70	-9.50	318.88	61.40	-189.22	47.68	-8.17	-225.19
50242	76.78	-8.70	-9.50	321.49	59.27	-190.17	42.39	-13.42	-221.53
50243	75.67	-8.70	-9.50	322.48	57.09	-191.14	37.23	-19.56	-215.91
50244	74.56	-8.70	-9.50	321.89	54.83	-192.21	32.32	-26.61	-208.35
50245	73.45	-8.70	-9.50	319.79	52.47	-193.51	27.77	-34.64	-198.91
50246	72.34	-8.70	-9.50	316.27	50.00	-195.19	23.70	-43.79	-187.69
50247	71.23	-8.70	-9.50	311.47	47.38	-197.45	20.22	-54.23	-174.80
50248	70.11	-8.70	-9.50	305.58	44.60	-200.43	17.41	-66.24	-160.42
50249	69.00	-8.70	-9.50	298.80	41.62	-204.29	15.36	-80.19	-144.83
50250	67.89	-8.70	-9.50	291.41	38.28	-209.07	14.03	-96.48	-128.19
50251	66.78	-8.70	-9.50	283.93	34.56	-214.57	13.60	-115.94	-110.97
50252	65.67	-8.70	-9.50	276.50	30.56	-220.22	14.12	-138.82	-93.89
50253	64.56	-8.70	-9.50	268.91	25.66	-224.96	15.31	-164.90	-76.67
50254	63.45	-8.70	-9.50	261.17	20.60	-226.72	17.56	-194.78	-60.42
50255	62.34	-8.70	-9.50	252.62	14.88	-223.32	20.05	-225.42	-44.39
50256	61.22	-8.70	-9.50	242.85	7.99	-212.62	22.91	-255.98	-27.37
50257	77.89	-8.10	-10.50	381.84	76.79	-238.69	60.21	-7.16	-201.52
50258	76.76	-8.10	-10.50	384.41	74.15	-238.85	54.22	-11.74	-198.12
50259	75.63	-8.10	-10.50	385.34	71.47	-238.92	48.55	-17.15	-192.89
50260	74.50	-8.10	-10.50	384.64	68.74	-238.97	43.32	-23.44	-185.87
50261	73.37	-8.10	-10.50	382.35	65.90	-239.09	38.67	-30.69	-177.12
50262	72.24	-8.10	-10.50	378.51	62.92	-239.39	34.72	-39.04	-166.72
50263	71.11	-8.10	-10.50	373.18	59.73	-240.01	31.58	-48.70	-154.80
50264	69.98	-8.10	-10.50	366.41	56.26	-241.03	29.34	-59.97	-141.52
50265	68.85	-8.10	-10.50	358.28	52.39	-242.52	27.98	-73.29	-127.09
50266	67.72	-8.10	-10.50	349.01	47.92	-244.52	27.49	-89.22	-111.82
50267	66.60	-8.10	-10.50	338.85	42.69	-247.00	27.91	-108.37	-96.27
50268	65.47	-8.10	-10.50	328.04	36.46	-249.75	29.20	-130.90	-80.99
50269	64.34	-8.10	-10.50	316.84	28.96	-252.11	31.58	-156.61	-66.39
50270	63.21	-8.10	-10.50	304.99	20.48	-252.76	35.34	-184.51	-52.75
50271	62.08	-8.10	-10.50	292.29	10.78	-249.93	40.29	-212.82	-39.52
50272	60.95	-8.10	-10.50	278.80	-0.30	-241.86	46.64	-240.09	-25.96
50273	77.89	-8.70	-10.50	367.67	56.51	-207.14	57.46	-6.76	-189.98
50274	76.78	-8.70	-10.50	370.22	53.99	-207.38	51.43	-10.35	-186.63
50275	75.67	-8.70	-10.50	371.30	51.51	-207.59	45.66	-14.79	-181.52
50276	74.56	-8.70	-10.50	370.90	49.04	-207.82	40.26	-20.11	-174.68
50277	73.45	-8.70	-10.50	369.05	46.53	-208.18	35.36	-26.39	-166.16
50278	72.34	-8.70	-10.50	365.77	43.93	-208.77	31.09	-33.79	-156.05
50279	71.23	-8.70	-10.50	361.11	41.17	-209.72	27.55	-42.50	-144.44
50280	70.11	-8.70	-10.50	355.12	38.20	-211.11	24.81	-52.81	-131.49
50281	69.00	-8.70	-10.50	347.85	34.92	-212.98	22.89	-65.12	-117.42
50282	67.89	-8.70	-10.50	339.37	31.06	-215.38	21.68	-79.89	-102.36
50283	66.78	-8.70	-10.50	330.10	26.50	-218.23	21.27	-97.96	-86.81
50284	65.67	-8.70	-10.50	320.16	21.23	-221.34	21.71	-119.47	-71.50
50285	64.56	-8.70	-10.50	309.48	14.54	-224.25	22.85	-143.89	-56.18
50286	63.45	-8.70	-10.50	298.24	7.21	-225.59	25.35	-171.48	-41.89
50287	62.34	-8.70	-10.50	285.98	-1.12	-223.74	28.67	-199.11	-27.82
50288	61.22	-8.70	-10.50	272.41	-10.80	-217.08	33.03	-226.18	-12.80
50289	59.93	-8.10	-9.50	237.82	5.02	-206.60	42.45	-303.13	-22.03
50290	59.03	-8.10	-9.50	227.10	-13.67	-148.86	55.12	-330.25	5.00
50291	58.12	-8.10	-9.50	230.06	-41.00	-63.91	78.15	-341.32	29.55
50292	57.22	-8.10	-9.50	250.09	-110.83	128.87	129.96	-328.40	70.99

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]
50293	56.31	-8.10	-9.50	218.23	-178.01	480.39	304.17	-576.48	23.84
50294	60.21	-8.70	-9.50	229.61	-2.41	-184.87	26.83	-289.62	-4.44
50295	59.29	-8.70	-9.50	215.59	-19.37	-131.24	33.97	-320.65	27.30
50296	58.38	-8.70	-9.50	210.61	-46.15	-50.75	46.83	-339.12	66.65
50297	57.46	-8.70	-9.50	218.06	-96.14	117.39	77.00	-334.85	107.95
50298	56.54	-8.70	-9.50	109.63	-241.92	481.18	121.46	-636.74	334.97
50299	59.93	-8.10	-10.50	262.99	-15.97	-221.66	55.88	-268.47	-8.72
50300	59.03	-8.10	-10.50	251.71	-39.98	-183.16	70.64	-292.64	14.46
50301	58.12	-8.10	-10.50	263.43	-69.24	-118.19	93.10	-306.54	31.02
50302	57.22	-8.10	-10.50	356.23	-162.76	-23.96	121.10	-298.33	50.63
50303	56.31	-8.10	-10.50	738.94	-184.44	590.46	363.60	-355.46	-50.89
50304	60.21	-8.70	-10.50	254.99	-24.69	-198.68	39.30	-255.90	7.42
50305	59.29	-8.70	-10.50	238.47	-45.79	-162.37	48.68	-283.14	35.15
50306	58.38	-8.70	-10.50	237.87	-75.96	-101.39	59.49	-300.98	67.61
50307	57.46	-8.70	-10.50	292.49	-128.46	-6.71	79.17	-302.74	87.77
50308	56.54	-8.70	-10.50	442.49	-292.71	530.62	57.72	-375.47	219.34
50309	96.21	-9.62	-9.50	127.29	67.75	-224.28	87.62	99.07	-43.62
50310	95.51	-10.82	-9.50	127.39	45.86	-164.01	81.79	67.40	-31.10
50311	94.72	-11.98	-9.50	126.91	25.84	-105.95	74.79	38.66	-15.42
50312	93.85	-13.08	-9.50	125.34	7.85	-50.25	66.72	13.54	2.79
50313	92.91	-14.11	-9.50	122.67	-7.74	3.15	58.17	-7.09	23.04
50314	91.89	-15.08	-9.50	118.76	-20.78	54.16	49.31	-23.39	43.83
50315	90.82	-15.98	-9.50	113.60	-31.38	102.38	40.54	-35.49	64.84
50316	89.68	-16.80	-9.50	107.32	-39.25	147.19	32.35	-43.71	85.21
50317	88.49	-17.54	-9.50	100.35	-44.83	187.98	25.24	-48.46	104.59
50318	87.25	-18.19	-9.50	93.17	-48.55	224.29	19.40	-49.98	122.73
50319	85.97	-18.76	-9.50	86.21	-50.83	255.84	14.90	-48.53	139.27
50320	84.65	-19.23	-9.50	79.85	-52.04	282.42	11.69	-44.47	153.80
50321	83.31	-19.62	-9.50	74.41	-52.52	303.88	9.66	-38.28	165.96
50322	81.94	-19.90	-9.50	70.16	-52.55	320.08	8.63	-30.51	175.42
50323	80.55	-20.10	-9.50	67.34	-52.38	330.89	8.32	-21.83	181.93
50324	79.15	-20.20	-9.50	66.16	-52.28	336.23	8.49	-12.89	185.35
50325	97.13	-9.66	-9.50	98.59	73.09	-211.47	84.88	117.73	-7.46
50326	96.40	-10.95	-9.50	101.37	50.14	-153.30	78.73	86.51	2.27
50327	95.59	-12.19	-9.50	103.02	29.45	-96.99	71.07	58.06	14.98
50328	94.69	-13.37	-9.50	103.35	11.37	-43.03	62.29	33.02	30.15
50329	93.71	-14.48	-9.50	102.15	-3.99	8.35	52.67	11.97	47.15
50330	92.65	-15.53	-9.50	99.17	-16.41	57.11	42.55	-4.88	65.20
50331	91.52	-16.49	-9.50	94.33	-25.77	103.03	32.49	-17.74	83.46
50332	90.33	-17.37	-9.50	87.75	-32.13	145.66	23.13	-26.99	101.38
50333	89.07	-18.17	-9.50	79.90	-35.81	184.52	15.08	-32.96	118.56
50334	87.77	-18.87	-9.50	71.37	-37.36	219.19	8.73	-35.94	134.66
50335	86.41	-19.48	-9.50	62.77	-37.37	249.41	4.24	-36.23	149.38
50336	85.02	-19.99	-9.50	54.66	-36.38	274.98	1.62	-34.15	162.36
50337	83.59	-20.41	-9.50	47.52	-34.84	295.78	0.71	-30.14	173.29
50338	82.14	-20.72	-9.50	41.71	-33.14	311.72	1.25	-24.76	181.91
50339	80.67	-20.93	-9.50	37.57	-31.64	322.66	2.80	-18.70	187.99
50340	79.19	-21.03	-9.50	35.44	-30.78	328.38	4.89	-12.65	191.26
50341	98.05	-9.70	-9.50	68.90	80.97	-192.49	78.27	124.69	35.78
50342	97.30	-11.08	-9.50	73.80	57.19	-137.73	72.61	99.11	40.91
50343	96.46	-12.41	-9.50	77.26	35.98	-84.31	65.12	75.51	48.30
50344	95.53	-13.67	-9.50	79.06	17.74	-33.23	56.26	54.45	57.52
50345	94.51	-14.85	-9.50	78.98	2.63	15.06	46.40	36.39	68.29
50346	93.40	-15.97	-9.50	76.79	-9.32	60.52	35.91	21.54	80.10
50347	92.22	-17.00	-9.50	72.33	-18.03	103.08	25.36	9.75	92.29
50348	90.97	-17.94	-9.50	65.70	-23.53	142.50	15.50	0.68	104.33
50349	89.65	-18.79	-9.50	57.35	-26.15	178.44	7.02	-6.01	115.90
50350	88.28	-19.55	-9.50	47.94	-26.47	210.58	0.46	-10.60	126.76
50351	86.86	-20.20	-9.50	38.21	-25.13	238.68	-3.93	-13.33	136.70
50352	85.39	-20.76	-9.50	28.87	-22.78	262.59	-6.07	-14.47	145.49
50353	83.88	-21.20	-9.50	20.51	-19.97	282.26	-6.09	-14.29	153.00
50354	82.35	-21.54	-9.50	13.53	-17.15	297.76	-4.29	-13.27	159.16
50355	80.80	-21.76	-9.50	8.23	-14.77	309.03	-1.27	-12.12	163.88
50356	79.23	-21.87	-9.50	5.15	-13.40	315.54	2.18	-11.75	166.74
50357	98.96	-9.75	-9.50	42.79	90.66	-175.62	66.96	117.37	84.75
50358	98.20	-11.21	-9.50	48.23	66.53	-123.94	62.49	102.35	84.66
50359	97.34	-12.62	-9.50	52.19	45.02	-73.00	55.90	88.07	85.29
50360	96.37	-13.96	-9.50	54.44	26.75	-24.44	47.83	74.89	86.60
50361	95.31	-15.22	-9.50	54.64	11.78	21.08	38.66	63.16	88.80
50362	94.16	-16.41	-9.50	52.57	-0.02	63.57	28.77	53.01	91.74
50363	92.93	-17.51	-9.50	48.08	-8.67	103.12	18.72	44.30	95.00
50364	91.62	-18.52	-9.50	41.25	-14.18	139.63	9.22	36.75	98.25
50365	90.24	-19.42	-9.50	32.51	-16.82	172.90	1.02	30.03	101.31
50366	88.80	-20.23	-9.50	22.53	-17.09	202.69	-5.31	23.92	104.12
50367	87.30	-20.93	-9.50	12.10	-15.60	228.82	-9.40	18.24	106.66
50368	85.75	-21.52	-9.50	2.02	-13.04	251.18	-11.13	12.90	108.93
50369	84.17	-21.99	-9.50	-7.03	-10.01	269.85	-10.57	7.83	111.01
50370	82.56	-22.35	-9.50	-14.70	-6.99	285.19	-8.01	2.85	113.08
50371	80.92	-22.59	-9.50	-20.88	-4.52	297.45	-4.13	-2.85	115.29
50372	79.28	-22.71	-9.50	-24.91	-3.19	305.44	0.11	-10.57	117.18
50373	99.88	-9.79	-9.50	23.68	101.39	-168.75	51.16	89.94	139.04
50374	99.10	-11.34	-9.50	27.50	77.23	-118.66	48.18	90.79	133.68
50375	98.21	-12.83	-9.50	30.34	55.87	-68.33	43.16	90.96	126.94
50376	97.21	-14.25	-9.50	31.50	37.85	-20.41	36.61	90.10	119.06
50377	96.11	-15.59	-9.50	30.77	23.08	24.08	28.99	88.46	110.88
50378	94.92	-16.85	-9.50	27.87	11.23	65.23	20.63	86.15	102.76
50379	93.63	-18.02	-9.50	22.66	2.19	103.28	11.99	83.01	94.63
50380	92.26	-19.09	-9.50	15.21	-4.07	138.29	3.71	78.72	86.44
50381	90.82	-20.05	-9.50	5.93	-7.67	170.15	-3.52	73.04	78.28
50382	89.31	-20.91	-9.50	-4.52	-8.98	198.71	-9.09	65.80	70.36
50383	87.74	-21.65	-9.50	-15.37	-8.50	223.82	-12.63	56.99	63.00
50384	86.12	-22.28	-9.50	-25.82	-6.84	245.43	-13.97	46.69	56.48
50385	84.46	-22.78	-9.50	-35.17	-4.60	263.75	-13.16	35.17	51.14
50386	82.77	-23.17	-9.50	-43.13	-2.29	279.48	-10.48	22.53	47.33
50387	81.05	-23.42	-9.50	-49.74	-0.44	293.05	-6.44	8.02	45.27
50388	79.32	-23.55	-9.50	-54.34	0.49	302.56	-1.74	-9.76	44.92
50389	96.21	-9.62	-10.50	165.55	84.67	-227.85	114.11	86.73	-26.90
50390	95.51	-10.82	-10.50	165.59	57.49	-169.99	107.41	58.47	-15.60
50391	94.72	-11.98	-10.50	165.15	32.38	-114.11	99.36	32.72	-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]
50392	93.85	-13.08	-10.50	163.72	9.65	-60.46	89.98	10.41	14.91
50393	92.91	-14.11	-10.50	161.23	-10.13	-8.80	79.80	-7.52	32.98
50394	91.89	-15.08	-10.50	157.37	-26.73	40.90	69.02	-21.32	51.17
50395	90.82	-15.98	-10.50	152.03	-40.11	88.11	58.23	-31.43	69.16
50396	89.68	-16.80	-10.50	145.45	-50.03	132.01	48.16	-38.28	86.36
50397	88.49	-17.54	-10.50	138.18	-57.18	171.86	39.37	-42.24	102.68
50398	87.25	-18.19	-10.50	130.78	-62.17	207.27	32.02	-43.47	118.02
50399	85.97	-18.76	-10.50	123.70	-65.53	238.01	26.12	-42.13	132.08
50400	84.65	-19.23	-10.50	117.33	-67.69	263.94	21.62	-38.52	144.47
50401	83.31	-19.62	-10.50	112.00	-69.00	284.93	18.38	-33.05	154.85
50402	81.94	-19.90	-10.50	107.97	-69.75	300.88	16.21	-26.21	162.93
50403	80.55	-20.10	-10.50	105.49	-70.22	311.69	14.85	-18.56	168.47
50404	79.15	-20.20	-10.50	104.71	-70.68	317.29	14.03	-10.69	171.36
50405	97.13	-9.66	-10.50	130.58	92.32	-218.58	108.60	103.05	5.16
50406	96.40	-10.95	-10.50	133.49	64.59	-159.79	102.37	75.32	13.89
50407	95.59	-12.19	-10.50	135.38	39.24	-102.55	94.45	49.93	25.19
50408	94.69	-13.37	-10.50	136.19	16.80	-47.75	85.17	27.69	38.58
50409	93.71	-14.48	-10.50	135.68	-2.59	4.39	74.67	9.31	53.60
50410	92.65	-15.53	-10.50	133.43	-18.62	53.98	63.25	-5.05	69.38
50411	91.52	-16.49	-10.50	129.20	-30.98	100.80	51.60	-15.82	85.04
50412	90.33	-17.37	-10.50	123.12	-39.75	144.27	40.58	-23.50	100.20
50413	89.07	-18.17	-10.50	115.70	-45.38	183.84	30.91	-28.46	114.65
50414	87.77	-18.87	-10.50	107.63	-48.61	219.11	22.99	-30.93	128.23
50415	86.41	-19.48	-10.50	99.53	-50.09	249.83	16.95	-31.11	140.67
50416	85.02	-19.99	-10.50	91.99	-50.40	275.85	12.75	-29.27	151.66
50417	83.59	-20.41	-10.50	85.44	-49.98	297.06	10.28	-25.78	160.92
50418	82.14	-20.72	-10.50	80.25	-49.20	313.36	9.26	-21.10	168.24
50419	80.67	-20.93	-10.50	76.69	-48.36	324.62	9.27	-15.86	173.42
50420	79.19	-21.03	-10.50	75.08	-47.94	330.67	9.81	-10.65	176.22
50421	98.05	-9.70	-10.50	92.84	102.10	-204.67	98.40	110.21	43.70
50422	97.30	-11.08	-10.50	98.28	74.30	-146.14	93.35	87.55	48.10
50423	96.46	-12.41	-10.50	102.49	49.16	-88.70	86.31	66.56	54.27
50424	95.53	-13.67	-10.50	105.30	27.28	-33.92	77.66	47.86	61.97
50425	94.51	-14.85	-10.50	106.50	8.68	17.67	67.64	32.03	71.21
50426	93.40	-15.97	-10.50	105.74	-6.63	66.22	56.52	19.25	81.38
50427	92.22	-17.00	-10.50	102.69	-18.36	111.72	44.93	9.26	91.75
50428	90.97	-17.94	-10.50	97.41	-26.49	153.86	33.78	1.61	101.85
50429	89.65	-18.79	-10.50	90.32	-31.38	192.26	23.89	-4.06	111.47
50430	88.28	-19.55	-10.50	82.13	-33.70	226.58	15.80	-8.02	120.50
50431	86.86	-20.20	-10.50	73.59	-34.15	256.58	9.77	-10.45	128.75
50432	85.39	-20.76	-10.50	65.41	-33.38	282.10	5.87	-11.55	136.06
50433	83.88	-21.20	-10.50	58.18	-31.92	303.09	4.01	-11.54	142.31
50434	82.35	-21.54	-10.50	52.23	-30.14	319.62	3.95	-10.75	147.51
50435	80.80	-21.76	-10.50	47.73	-28.29	331.72	5.10	-9.86	151.74
50436	79.23	-21.87	-10.50	45.11	-27.07	338.93	6.45	-9.84	154.60
50437	98.96	-9.75	-10.50	57.21	113.19	-194.90	82.90	105.80	87.96
50438	98.20	-11.21	-10.50	63.83	85.99	-136.33	79.52	92.70	87.37
50439	97.34	-12.62	-10.50	69.32	61.54	-78.46	73.93	80.11	86.89
50440	96.37	-13.96	-10.50	73.34	40.64	-23.64	66.67	68.52	86.94
50441	95.31	-15.22	-10.50	75.54	23.00	27.52	57.95	58.30	88.09
50442	94.16	-16.41	-10.50	75.63	8.41	75.26	48.04	49.57	90.06
50443	92.93	-17.51	-10.50	73.35	-2.96	119.72	37.51	42.14	92.30
50444	91.62	-18.52	-10.50	68.67	-11.02	160.77	27.17	35.65	94.46
50445	90.24	-19.42	-10.50	61.99	-15.98	198.17	17.84	29.76	96.43
50446	88.80	-20.23	-10.50	53.97	-18.35	231.66	10.15	24.26	98.18
50447	87.30	-20.93	-10.50	45.40	-18.78	261.01	4.46	19.00	99.75
50448	85.75	-21.52	-10.50	37.06	-17.91	286.09	0.90	13.91	101.15
50449	84.17	-21.99	-10.50	29.65	-16.33	306.94	-0.53	9.03	102.47
50450	82.56	-22.35	-10.50	23.50	-14.37	324.02	0.02	4.40	104.04
50451	80.92	-22.59	-10.50	18.24	-12.33	338.15	1.90	-0.68	106.40
50452	79.28	-22.71	-10.50	14.31	-11.13	348.16	3.56	-8.36	108.92
50453	99.88	-9.79	-10.50	30.32	124.45	-202.01	62.22	84.35	137.85
50454	99.10	-11.34	-10.50	35.51	98.38	-140.97	60.62	85.74	132.30
50455	98.21	-12.83	-10.50	40.19	75.22	-79.74	57.01	86.14	124.63
50456	97.21	-14.25	-10.50	43.59	55.70	-22.17	51.83	85.45	115.80
50457	96.11	-15.59	-10.50	45.37	39.24	30.92	45.32	84.13	107.14
50458	94.92	-16.85	-10.50	45.18	25.32	80.06	37.62	82.25	98.84
50459	93.63	-18.02	-10.50	42.74	13.99	125.56	29.15	79.58	90.61
50460	92.26	-19.09	-10.50	38.07	5.40	167.42	20.59	75.79	82.33
50461	90.82	-20.05	-10.50	31.51	-0.50	205.50	12.67	70.57	74.08
50462	89.31	-20.91	-10.50	23.67	-4.00	239.61	6.01	63.78	66.09
50463	87.74	-21.65	-10.50	15.30	-5.55	269.56	1.03	55.42	58.65
50464	86.12	-22.28	-10.50	7.13	-5.73	295.26	-2.10	45.59	52.07
50465	84.46	-22.78	-10.50	-0.08	-5.05	316.82	-3.37	34.64	46.68
50466	82.77	-23.17	-10.50	-6.08	-3.92	335.32	-2.95	23.11	42.94
50467	81.05	-23.42	-10.50	-11.63	-2.75	352.42	-1.28	10.18	41.30
50468	79.32	-23.55	-10.50	-16.43	-2.28	365.70	0.52	-7.24	41.40
50469	77.75	-20.20	-9.50	66.73	-52.46	336.02	8.93	-4.31	185.65
50470	76.35	-20.10	-9.50	69.13	-52.97	330.23	9.41	3.36	182.89
50471	74.96	-19.90	-9.50	73.24	-53.66	318.87	9.68	9.34	177.35
50472	73.59	-19.62	-9.50	78.88	-54.33	302.00	9.48	13.02	169.48
50473	72.25	-19.23	-9.50	85.84	-54.78	279.77	8.55	13.79	159.78
50474	70.93	-18.76	-9.50	93.92	-54.79	252.31	6.68	11.09	148.82
50475	69.65	-18.19	-9.50	102.87	-54.12	219.88	3.76	4.46	137.18
50476	68.41	-17.54	-9.50	112.47	-52.46	182.82	-0.22	-6.45	125.46
50477	67.22	-16.80	-9.50	122.49	-49.54	141.73	-5.17	-21.94	114.17
50478	66.08	-15.98	-9.50	132.74	-45.15	97.58	-10.79	-42.31	103.56
50479	65.01	-15.08	-9.50	143.20	-39.19	51.87	-16.28	-68.06	93.72
50480	63.99	-14.11	-9.50	154.28	-32.65	6.45	-20.64	-99.51	84.82
50481	63.05	-13.08	-9.50	166.51	-26.22	-36.82	-22.54	-136.34	75.34
50482	62.18	-11.98	-9.50	180.51	-20.85	-77.06	-20.17	-177.83	63.40
50483	61.39	-10.82	-9.50	196.71	-16.12	-115.14	-11.06	-221.14	45.70
50484	60.69	-9.62	-9.50	215.03	-9.72	-154.27	7.13	-261.93	19.20
50485	77.71	-21.03	-9.50	35.64	-30.97	328.67	7.18	-7.16	191.49
50486	76.23	-20.93	-9.50	38.16	-32.25	323.50	9.55	-2.56	188.81
50487	74.76	-20.72	-9.50	42.76	-34.29	313.02	11.68	0.61	183.73
50488	73.31	-20.41	-9.50	49.07	-36.71	297.41	13.04	1.66	176.83
50489	71.88	-19.99	-9.50	56.80	-39.21	276.77	13.20	-0.04	168.65
50490	70.49	-19.48	-9.50	65.61	-41.45	251.22	11.89	-5.01	159.73

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]
50491	69.13	-18.87	-9.50	75.13	-43.05	220.91	8.95	-13.64	150.67
50492	67.83	-18.17	-9.50	84.92	-43.55	186.16	4.39	-26.23	142.10
50493	66.57	-17.37	-9.50	94.60	-42.49	147.54	-1.63	-43.07	134.56
50494	65.38	-16.49	-9.50	103.91	-39.52	106.09	-8.65	-64.55	128.48
50495	64.25	-15.53	-9.50	112.92	-34.84	63.41	-15.85	-91.22	124.14
50496	63.19	-14.48	-9.50	122.22	-29.33	21.80	-22.09	-123.65	121.18
50497	62.21	-13.37	-9.50	132.96	-24.60	-16.25	-25.85	-162.24	118.13
50498	61.31	-12.19	-9.50	147.08	-22.21	-49.02	-24.97	-206.26	111.15
50499	60.50	-10.95	-9.50	166.79	-22.53	-77.58	-15.76	-252.65	93.89
50500	59.77	-9.66	-9.50	193.38	-22.51	-107.27	6.96	-294.66	60.14
50501	77.67	-21.87	-9.50	4.94	-13.60	316.36	5.68	-12.41	167.13
50502	76.10	-21.76	-9.50	7.63	-15.39	311.44	9.43	-13.56	165.20
50503	74.55	-21.54	-9.50	12.55	-18.33	301.66	13.02	-15.43	161.90
50504	73.02	-21.20	-9.50	19.16	-21.89	287.53	15.67	-18.87	157.99
50505	71.51	-20.76	-9.50	27.18	-25.70	269.02	16.76	-24.54	153.87
50506	70.04	-20.20	-9.50	36.24	-29.36	246.06	15.99	-32.80	149.96
50507	68.62	-19.55	-9.50	45.80	-32.38	218.70	13.24	-43.83	146.72
50508	67.25	-18.79	-9.50	55.29	-34.20	187.17	8.54	-57.80	144.70
50509	65.93	-17.94	-9.50	64.17	-34.27	151.98	2.17	-74.92	144.42
50510	64.68	-17.00	-9.50	72.10	-32.23	114.12	-5.37	-95.52	146.35
50511	63.50	-15.97	-9.50	79.15	-28.27	75.36	-13.24	-120.20	150.81
50512	62.39	-14.85	-9.50	85.94	-23.50	38.48	-20.37	-149.83	157.61
50513	61.37	-13.67	-9.50	93.86	-20.00	7.23	-25.36	-185.32	164.96
50514	60.44	-12.41	-9.50	105.40	-20.42	-14.56	-26.27	-227.24	167.63
50515	59.60	-11.08	-9.50	128.11	-27.07	-25.97	-19.62	-273.84	154.81
50516	58.85	-9.70	-9.50	171.09	-41.64	-37.89	6.65	-315.36	112.22
50517	77.62	-22.71	-9.50	-25.52	-3.35	306.72	4.33	-20.16	117.94
50518	75.98	-22.59	-9.50	-22.70	-5.03	301.26	8.89	-29.46	117.76
50519	74.34	-22.35	-9.50	-17.73	-7.98	291.44	13.41	-38.29	117.81
50520	72.73	-21.99	-9.50	-11.28	-11.68	278.38	16.91	-47.85	118.91
50521	71.15	-21.52	-9.50	-3.45	-15.69	261.76	18.72	-58.85	121.29
50522	69.60	-20.93	-9.50	5.41	-19.59	241.15	18.56	-71.30	125.11
50523	68.10	-20.23	-9.50	14.71	-22.87	216.43	16.35	-85.09	130.65
50524	66.66	-19.42	-9.50	23.73	-24.94	187.72	12.20	-100.15	138.27
50525	65.28	-18.52	-9.50	31.84	-25.28	155.47	6.43	-116.47	148.30
50526	63.97	-17.51	-9.50	38.61	-23.60	120.60	-0.40	-134.24	161.11
50527	62.74	-16.41	-9.50	43.96	-20.10	84.99	-7.52	-153.92	177.02
50528	61.59	-15.22	-9.50	48.27	-15.97	52.11	-13.89	-176.30	196.00
50529	60.53	-13.96	-9.50	52.12	-13.74	27.43	-18.11	-202.51	216.36
50530	59.56	-12.62	-9.50	57.39	-16.76	18.37	-18.71	-233.47	232.61
50531	58.70	-11.21	-9.50	70.98	-31.74	33.96	-13.46	-278.81	235.32
50532	57.94	-9.75	-9.50	142.69	-68.87	79.64	6.81	-321.14	188.52
50533	77.58	-23.55	-9.50	-55.37	0.43	304.25	3.20	-30.12	46.28
50534	75.85	-23.42	-9.50	-52.84	-0.66	298.09	8.26	-49.57	49.57
50535	74.13	-23.17	-9.50	-48.29	-2.80	287.76	13.04	-67.35	55.18
50536	72.44	-22.78	-9.50	-42.40	-5.64	275.07	16.82	-84.76	63.58
50537	70.78	-22.28	-9.50	-35.11	-8.75	259.48	19.13	-102.36	74.91
50538	69.16	-21.65	-9.50	-26.68	-11.73	240.17	19.69	-119.82	89.22
50539	67.59	-20.91	-9.50	-17.75	-14.13	216.83	18.47	-136.62	106.52
50540	66.08	-20.05	-9.50	-9.03	-15.47	189.44	15.58	-152.36	126.82
50541	64.64	-19.09	-9.50	-1.17	-15.41	158.33	11.38	-166.72	150.13
50542	63.27	-18.02	-9.50	5.29	-13.82	124.40	6.43	-179.56	176.49
50543	61.98	-16.85	-9.50	10.00	-11.02	89.67	1.52	-190.87	205.96
50544	60.79	-15.59	-9.50	12.75	-8.32	58.22	-2.20	-200.75	238.28
50545	59.69	-14.25	-9.50	13.55	-8.76	37.06	-3.00	-208.71	271.77
50546	58.69	-12.83	-9.50	10.36	-17.65	36.10	2.41	-216.71	301.77
50547	57.80	-11.34	-9.50	14.13	-47.78	78.75	16.79	-221.62	331.90
50548	57.02	-9.79	-9.50	20.57	-161.47	275.83	76.19	-417.26	459.88
50549	77.75	-20.20	-10.50	105.73	-71.35	317.69	13.54	-3.14	171.64
50550	76.35	-20.10	-10.50	108.62	-72.29	312.85	13.12	3.54	169.37
50551	74.96	-19.90	-10.50	113.22	-73.42	302.71	12.52	8.70	164.77
50552	73.59	-19.62	-10.50	119.33	-74.57	287.31	11.48	11.78	158.22
50553	72.25	-19.23	-10.50	126.71	-75.57	266.76	9.77	12.26	150.20
50554	70.93	-18.76	-10.50	135.09	-76.25	241.18	7.25	9.66	141.22
50555	69.65	-18.19	-10.50	144.20	-76.42	210.74	3.84	3.58	131.83
50556	68.41	-17.54	-10.50	153.75	-75.83	175.72	-0.41	-6.28	122.57
50557	67.22	-16.80	-10.50	163.43	-74.18	136.55	-5.38	-20.10	113.87
50558	66.08	-15.98	-10.50	172.93	-71.15	94.05	-10.69	-38.04	105.76
50559	65.01	-15.08	-10.50	182.06	-66.41	49.58	-15.45	-60.49	98.00
50560	63.99	-14.11	-10.50	191.09	-60.76	4.84	-18.46	-87.76	90.41
50561	63.05	-13.08	-10.50	200.60	-54.68	-38.70	-18.30	-119.75	81.54
50562	62.18	-11.98	-10.50	211.61	-48.81	-80.70	-13.46	-156.03	70.05
50563	61.39	-10.82	-10.50	225.04	-42.61	-122.17	-1.95	-194.21	53.37
50564	60.69	-9.62	-10.50	241.32	-34.04	-165.36	18.25	-230.68	29.02
50565	77.71	-21.03	-10.50	75.68	-48.54	331.47	10.53	-5.92	176.43
50566	76.23	-20.93	-10.50	78.50	-50.24	326.98	11.44	-2.04	174.20
50567	74.76	-20.72	-10.50	83.23	-52.54	317.20	12.19	0.54	170.00
50568	73.31	-20.41	-10.50	89.52	-55.12	302.25	12.29	1.23	164.34
50569	71.88	-19.99	-10.50	97.06	-57.75	282.26	11.34	-0.53	157.71
50570	70.49	-19.48	-10.50	105.50	-60.23	257.30	9.14	-5.18	150.60
50571	69.13	-18.87	-10.50	114.43	-62.29	227.51	5.61	-13.04	143.57
50572	67.83	-18.17	-10.50	123.38	-63.56	193.16	0.83	-24.35	137.17
50573	66.57	-17.37	-10.50	131.89	-63.65	154.73	-4.97	-39.31	131.85
50574	65.38	-16.49	-10.50	139.60	-62.21	113.10	-11.23	-58.19	127.83
50575	64.25	-15.53	-10.50	146.42	-59.32	69.71	-16.93	-81.43	125.01
50576	63.19	-14.48	-10.50	152.89	-55.73	26.42	-20.72	-109.55	122.74
50577	62.21	-13.37	-10.50	160.34	-52.74	-15.03	-21.16	-142.99	119.63
50578	61.31	-12.19	-10.50	171.16	-51.26	-53.93	-16.62	-181.13	112.59
50579	60.50	-10.95	-10.50	188.45	-51.18	-91.47	-4.33	-221.56	96.30
50580	59.77	-9.66	-10.50	214.87	-50.11	-131.50	20.37	-259.07	65.32
50581	77.67	-21.87	-10.50	45.21	-27.59	340.16	7.52	-11.06	154.95
50582	76.10	-21.76	-10.50	48.01	-29.90	335.36	9.24	-12.44	152.94
50583	74.55	-21.54	-10.50	52.62	-33.05	325.60	11.14	-14.33	150.04
50584	73.02	-21.20	-10.50	58.55	-36.44	311.26	12.21	-17.67	146.94
50585	71.51	-20.76	-10.50	65.61	-39.96	292.30	11.94	-23.06	143.90
50586	70.04	-20.20	-10.50	73.43	-43.40	268.60	10.13	-30.74	141.22
50587	68.62	-19.55	-10.50	81.48	-46.44	240.21	6.77	-40.86	139.33
50588	67.25	-18.79	-10.50	89.13	-48.67	207.36	2.01	-53.50	138.73
50589	65.93	-17.94	-10.50	95.84	-49.68	170.51	-3.79	-68.83	139.84



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]
50590	64.68	-17.00	-10.50	101.18	-49.28	130.57	-9.98	-87.08	142.95
50591	63.50	-15.97	-10.50	105.18	-47.75	89.03	-15.51	-108.73	148.05
50592	62.39	-14.85	-10.50	108.48	-46.21	48.08	-19.15	-134.44	154.63
50593	61.37	-13.67	-10.50	112.55	-46.28	10.20	-19.68	-164.80	160.88
50594	60.44	-12.41	-10.50	120.83	-49.29	-22.52	-16.29	-199.98	162.29
50595	59.60	-11.08	-10.50	142.78	-56.89	-49.88	-6.80	-239.08	150.02
50596	58.85	-9.70	-10.50	190.63	-71.41	-78.57	19.97	-276.76	111.10
50597	77.62	-22.71	-10.50	13.83	-11.50	349.77	4.58	-18.92	109.60
50598	75.98	-22.59	-10.50	16.77	-13.50	342.97	6.63	-28.07	108.61
50599	74.34	-22.35	-10.50	20.93	-16.52	331.97	9.31	-36.06	108.31
50600	72.73	-21.99	-10.50	25.83	-19.78	317.85	11.11	-44.94	109.67
50601	71.15	-21.52	-10.50	31.77	-23.14	299.77	11.43	-55.34	112.49
50602	69.60	-20.93	-10.50	38.43	-26.45	277.17	10.21	-67.06	116.81
50603	68.10	-20.23	-10.50	45.12	-29.36	249.97	7.53	-79.91	122.87
50604	66.66	-19.42	-10.50	51.19	-31.53	218.34	3.61	-93.78	131.01
50605	65.28	-18.52	-10.50	56.00	-32.68	182.69	-1.13	-108.66	141.51
50606	63.97	-17.51	-10.50	59.15	-32.79	143.88	-5.97	-124.64	154.58
50607	62.74	-16.41	-10.50	60.59	-32.43	103.52	-9.97	-142.00	170.28
50608	61.59	-15.22	-10.50	60.74	-32.96	64.22	-12.04	-161.19	188.11
50609	60.53	-13.96	-10.50	60.67	-36.31	29.75	-11.20	-182.61	205.99
50610	59.56	-12.62	-10.50	61.97	-44.26	4.32	-7.01	-206.60	219.11
50611	58.70	-11.21	-10.50	77.55	-58.30	-1.10	-3.02	-239.33	217.42
50612	57.94	-9.75	-10.50	181.00	-101.71	-0.10	7.41	-279.47	170.02
50613	77.58	-23.55	-10.50	-17.58	-2.41	367.65	2.13	-28.89	42.64
50614	75.85	-23.42	-10.50	-15.11	-3.21	358.22	4.38	-47.87	45.20
50615	74.13	-23.17	-10.50	-12.00	-4.87	344.88	6.96	-63.86	50.08
50616	72.44	-22.78	-10.50	-8.62	-6.83	329.95	8.82	-79.86	58.05
50617	70.78	-22.28	-10.50	-4.25	-8.84	311.68	9.61	-96.53	69.01
50618	69.16	-21.65	-10.50	0.85	-10.73	288.88	9.24	-113.14	82.87
50619	67.59	-20.91	-10.50	6.00	-12.28	261.32	7.84	-129.08	99.64
50620	66.08	-20.05	-10.50	10.57	-13.29	229.06	5.65	-143.98	119.37
50621	64.64	-19.09	-10.50	13.99	-13.75	192.40	3.13	-157.52	142.04
50622	63.27	-18.02	-10.50	15.85	-13.97	152.13	0.95	-169.46	167.60
50623	61.98	-16.85	-10.50	15.97	-14.80	109.91	-0.05	-179.62	195.84
50624	60.79	-15.59	-10.50	14.48	-17.88	68.67	1.13	-187.61	225.98
50625	59.69	-14.25	-10.50	11.34	-25.70	32.90	5.45	-192.78	255.48
50626	58.69	-12.83	-10.50	8.75	-41.64	10.03	14.46	-194.11	279.71
50627	57.80	-11.34	-10.50	-2.50	-72.95	23.02	33.28	-195.45	292.60
50628	57.02	-9.79	-10.50	116.73	-178.12	260.69	55.84	-283.73	334.78
50629	90.14	9.49	-9.50	376.62	465.49	-1407.69	24.76	363.91	95.13
50630	91.17	9.44	-9.50	355.51	455.82	-1409.58	23.50	403.62	122.55
50631	92.21	9.39	-9.50	332.17	445.93	-1400.16	20.43	444.99	151.25
50632	90.36	10.47	-9.50	373.87	470.55	-1476.28	15.59	399.98	169.18
50633	91.26	10.33	-9.50	354.12	460.83	-1462.97	13.62	434.33	186.74
50634	92.15	10.18	-9.50	333.01	450.60	-1441.14	10.51	466.57	204.01
50635	90.56	11.46	-9.50	369.43	471.40	-1532.01	3.26	436.21	251.94
50636	91.33	11.21	-9.50	351.47	462.78	-1506.33	1.65	463.48	254.99
50637	92.08	10.96	-9.50	331.84	452.63	-1475.88	-1.30	489.76	260.94
50638	79.02	9.89	-9.50	539.74	525.96	-1329.76	52.66	19.43	-12.54
50639	80.15	9.88	-9.50	534.48	524.83	-1331.57	46.89	54.14	-13.40
50640	81.29	9.86	-9.50	525.53	522.05	-1334.86	41.40	88.32	-11.65
50641	82.41	9.83	-9.50	513.09	518.00	-1339.54	36.50	121.90	-7.72
50642	83.53	9.80	-9.50	497.66	512.81	-1345.88	32.35	154.98	-1.47
50643	84.65	9.76	-9.50	479.82	506.62	-1354.10	29.09	187.77	7.31
50644	85.76	9.71	-9.50	460.28	499.56	-1364.20	26.78	220.63	18.86
50645	86.87	9.66	-9.50	439.72	491.78	-1375.85	25.43	254.07	33.46
50646	87.97	9.60	-9.50	418.75	483.38	-1388.17	24.89	288.75	51.31
50647	89.07	9.54	-9.50	397.67	474.43	-1399.41	24.86	325.39	72.42
50648	79.05	11.68	-9.50	534.51	530.39	-1486.81	45.66	22.59	96.39
50649	80.25	11.64	-9.50	529.31	529.53	-1487.03	38.72	62.42	95.60
50650	81.44	11.58	-9.50	520.46	527.16	-1487.95	32.61	101.69	96.28
50651	82.61	11.50	-9.50	508.19	523.56	-1489.00	27.40	140.13	98.68
50652	83.77	11.40	-9.50	493.02	518.84	-1490.27	23.22	177.85	102.96
50653	84.92	11.28	-9.50	475.59	513.05	-1491.62	20.13	214.99	109.25
50654	86.05	11.15	-9.50	456.53	506.25	-1492.71	18.09	251.83	117.66
50655	87.17	10.99	-9.50	436.43	498.45	-1492.84	16.97	288.70	128.21
50656	88.28	10.82	-9.50	415.71	489.67	-1490.87	16.49	325.92	140.75
50657	89.37	10.63	-9.50	394.49	479.90	-1485.12	16.27	363.77	154.90
50658	79.08	13.48	-9.50	526.15	530.78	-1653.81	37.86	26.94	238.41
50659	80.33	13.42	-9.50	521.44	530.02	-1652.27	30.31	72.48	236.18
50660	81.56	13.32	-9.50	513.18	528.14	-1649.73	23.74	117.69	235.18
50661	82.78	13.19	-9.50	501.60	525.14	-1645.20	18.19	161.93	235.11
50662	83.98	13.03	-9.50	487.21	520.96	-1638.61	13.73	205.10	235.99
50663	85.15	12.83	-9.50	470.54	515.56	-1629.62	10.35	247.20	237.81
50664	86.31	12.61	-9.50	452.08	508.90	-1617.78	7.95	288.26	240.47
50665	87.44	12.35	-9.50	432.25	500.92	-1602.41	6.33	328.35	243.80
50666	88.56	12.06	-9.50	411.33	491.59	-1582.68	5.18	367.36	247.47
50667	89.64	11.74	-9.50	389.45	480.95	-1557.64	4.18	404.69	250.67
50668	79.10	15.28	-9.50	518.09	519.52	-1801.51	29.60	31.02	416.50
50669	80.40	15.20	-9.50	513.88	519.24	-1798.93	21.12	84.06	413.28
50670	81.67	15.07	-9.50	506.17	517.91	-1792.20	13.55	136.30	409.46
50671	82.92	14.90	-9.50	495.23	515.51	-1780.77	6.95	187.18	404.90
50672	84.16	14.67	-9.50	481.42	511.93	-1764.59	1.37	236.34	399.53
50673	85.36	14.40	-9.50	465.13	507.08	-1743.49	-3.21	283.49	393.27
50674	86.54	14.08	-9.50	446.72	500.90	-1717.27	-6.85	328.38	386.00
50675	87.69	13.72	-9.50	426.47	493.35	-1685.70	-9.67	370.75	377.53
50676	88.81	13.31	-9.50	404.63	484.43	-1648.66	-11.85	410.26	367.63
50677	89.90	12.86	-9.50	381.51	474.12	-1606.17	-13.59	446.35	356.43
50678	79.12	17.07	-9.50	513.16	479.06	-1881.57	20.92	34.97	619.27
50679	80.44	16.99	-9.50	509.07	479.47	-1878.46	9.79	95.27	614.84
50680	81.75	16.84	-9.50	501.40	479.41	-1868.61	-0.49	154.46	606.94
50681	83.04	16.62	-9.50	490.33	478.70	-1851.87	-9.76	211.69	595.55
50682	84.30	16.34	-9.50	476.15	477.23	-1828.46	-17.88	266.30	580.79
50683	85.54	15.99	-9.50	459.20	474.92	-1798.57	-24.75	317.69	562.78
50684	86.74	15.58	-9.50	439.79	471.68	-1762.43	-30.28	365.33	541.67
50685	87.91	15.11	-9.50	418.27	467.43	-1720.34	-34.41	408.76	517.61
50686	89.05	14.58	-9.50	394.99	462.11	-1672.78	-37.13	447.62	490.77
50687	90.14	14.00	-9.50	370.38	455.62	-1620.40	-38.56	481.65	461.37
50688	79.13	18.88	-9.50	511.96	390.54	-1845.97	11.95	37.25	799.95

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]
50689	80.47	18.79	-9.50	507.76	392.40	-1843.51	-4.43	101.42	794.72
50690	81.81	18.61	-9.50	499.42	395.35	-1834.10	-19.81	164.45	783.11
50691	83.13	18.35	-9.50	487.22	399.14	-1817.86	-33.80	225.33	765.32
50692	84.42	18.01	-9.50	471.54	403.50	-1795.04	-46.00	283.15	741.74
50693	85.68	17.59	-9.50	452.79	408.13	-1765.94	-56.06	337.06	712.83
50694	86.92	17.09	-9.50	431.43	412.73	-1730.88	-63.71	386.37	679.10
50695	88.11	16.51	-9.50	407.99	416.95	-1690.25	-68.72	430.50	641.12
50696	89.26	15.87	-9.50	383.06	420.37	-1644.52	-70.99	469.06	599.39
50697	90.36	15.15	-9.50	357.19	422.60	-1594.37	-70.59	501.83	554.41
50698	95.25	9.56	-9.50	232.16	408.09	-1275.98	-14.99	552.58	247.42
50699	94.64	10.65	-9.50	247.44	415.06	-1330.92	-29.71	561.85	300.14
50700	93.97	11.69	-9.50	263.96	419.19	-1383.26	-43.51	565.45	354.57
50701	94.24	9.48	-9.50	270.18	422.38	-1337.88	1.21	527.65	219.07
50702	93.82	10.42	-9.50	279.27	428.71	-1382.75	-11.86	538.59	269.06
50703	93.36	11.34	-9.50	289.11	432.20	-1424.23	-24.58	545.19	320.04
50704	93.23	9.40	-9.50	302.97	434.71	-1377.93	13.28	490.78	185.34
50705	93.00	10.21	-9.50	306.74	439.95	-1416.25	2.23	505.91	232.80
50706	92.75	11.00	-9.50	311.95	442.98	-1450.09	-9.18	515.08	282.48
50707	91.38	14.37	-9.50	331.94	423.12	-1542.75	-67.89	528.40	509.38
50708	91.10	13.39	-9.50	347.54	448.89	-1569.18	-38.42	508.07	432.00
50709	90.81	12.43	-9.50	360.74	464.53	-1565.33	-14.93	474.93	345.56
50710	92.31	13.54	-9.50	307.94	423.07	-1490.47	-62.40	547.11	460.55
50711	91.93	12.78	-9.50	326.40	443.24	-1520.30	-36.50	526.73	399.47
50712	91.55	12.03	-9.50	342.23	456.58	-1527.46	-15.27	496.61	331.65
50713	93.19	12.66	-9.50	285.04	421.60	-1436.19	-54.79	559.90	410.92
50714	92.73	12.13	-9.50	305.55	436.86	-1469.66	-33.23	539.78	366.26
50715	92.26	11.61	-9.50	323.32	448.57	-1486.90	-15.00	513.48	313.29
50716	90.14	9.49	-10.50	475.35	606.33	-1309.09	34.91	330.40	101.44
50717	91.17	9.44	-10.50	445.97	589.69	-1309.20	31.45	366.17	126.57
50718	92.21	9.39	-10.50	413.43	572.49	-1300.47	26.38	401.97	151.75
50719	90.36	10.47	-10.50	469.06	608.06	-1367.23	20.63	362.61	169.00
50720	91.26	10.33	-10.50	441.91	592.17	-1355.23	17.21	392.86	184.25
50721	92.15	10.18	-10.50	413.12	575.66	-1336.91	13.04	420.26	198.61
50722	90.56	11.46	-10.50	460.43	603.43	-1415.90	3.14	393.59	243.01
50723	91.33	11.21	-10.50	436.43	590.30	-1394.05	1.06	417.29	244.75
50724	92.08	10.96	-10.50	410.76	575.66	-1368.95	-1.86	439.71	248.84
50725	79.02	9.89	-10.50	656.93	701.04	-1247.89	65.93	13.19	-11.65
50726	80.15	9.88	-10.50	653.33	699.43	-1249.73	60.99	43.89	-11.75
50727	81.29	9.86	-10.50	645.57	695.49	-1252.71	56.42	74.03	-9.36
50728	82.41	9.83	-10.50	633.80	689.70	-1256.85	52.28	103.97	-4.62
50729	83.53	9.80	-10.50	618.42	682.19	-1262.30	48.63	133.88	2.57
50730	84.65	9.76	-10.50	599.88	673.04	-1269.15	45.52	164.02	12.36
50731	85.76	9.71	-10.50	578.69	662.34	-1277.31	42.92	194.76	24.93
50732	86.87	9.66	-10.50	555.34	650.16	-1286.44	40.77	226.51	40.40
50733	87.97	9.60	-10.50	530.23	636.60	-1295.73	38.91	259.66	58.77
50734	89.07	9.54	-10.50	503.50	621.72	-1303.76	37.09	294.51	79.77
50735	79.05	11.68	-10.50	656.88	709.88	-1386.35	58.21	16.03	92.07
50736	80.25	11.64	-10.50	653.23	707.86	-1386.75	51.38	52.10	92.00
50737	81.44	11.58	-10.50	645.17	703.74	-1387.25	45.48	87.33	93.52
50738	82.61	11.50	-10.50	632.90	697.62	-1387.73	40.32	122.15	96.95
50739	83.77	11.40	-10.50	616.88	689.61	-1388.13	35.92	156.64	102.35
50740	84.92	11.28	-10.50	597.60	679.79	-1388.31	32.27	190.96	109.73
50741	86.05	11.15	-10.50	575.58	668.22	-1387.91	29.30	225.32	119.05
50742	87.17	10.99	-10.50	551.28	654.98	-1386.39	26.88	259.90	130.16
50743	88.28	10.82	-10.50	525.05	640.13	-1382.87	24.83	294.76	142.74
50744	89.37	10.63	-10.50	497.05	623.82	-1376.14	22.93	329.79	156.20
50745	79.08	13.48	-10.50	650.99	702.92	-1531.38	49.08	20.20	226.45
50746	80.33	13.42	-10.50	647.69	700.94	-1529.98	40.69	62.12	225.22
50747	81.56	13.32	-10.50	639.75	697.12	-1527.20	33.27	103.23	225.03
50748	82.78	13.19	-10.50	627.44	691.40	-1522.56	26.75	143.64	225.86
50749	83.98	13.03	-10.50	611.23	683.77	-1515.85	21.15	183.21	227.64
50750	85.15	12.83	-10.50	591.61	674.25	-1506.81	16.45	221.91	230.24
50751	86.31	12.61	-10.50	569.03	662.89	-1495.06	12.58	259.69	233.46
50752	87.44	12.35	-10.50	543.88	649.71	-1480.11	9.43	296.46	236.99
50753	88.56	12.06	-10.50	516.53	634.77	-1461.44	6.85	332.01	240.41
50754	89.64	11.74	-10.50	487.34	618.22	-1438.55	4.72	365.62	242.83
50755	79.10	15.28	-10.50	641.33	671.68	-1658.39	39.29	24.46	390.43
50756	80.40	15.20	-10.50	638.28	670.40	-1656.01	28.66	73.18	387.97
50757	81.67	15.07	-10.50	630.46	667.59	-1649.72	18.97	120.80	384.81
50758	82.92	14.90	-10.50	618.15	663.17	-1639.31	10.27	167.17	380.95
50759	84.16	14.67	-10.50	601.79	657.13	-1624.67	2.65	211.93	376.28
50760	85.36	14.40	-10.50	581.79	649.44	-1605.68	-3.85	254.73	370.69
50761	86.54	14.08	-10.50	558.59	640.12	-1582.19	-9.21	295.29	364.03
50762	87.69	13.72	-10.50	532.56	629.17	-1554.04	-13.43	333.32	356.13
50763	88.81	13.31	-10.50	504.12	616.57	-1521.26	-16.53	368.52	346.70
50764	89.90	12.86	-10.50	473.84	602.24	-1484.14	-18.59	400.41	335.82
50765	79.12	17.07	-10.50	629.39	604.87	-1734.00	29.15	28.39	567.90
50766	80.44	16.99	-10.50	626.35	604.69	-1731.21	14.76	83.12	564.20
50767	81.75	16.84	-10.50	618.40	603.97	-1722.48	1.36	136.54	557.17
50768	83.04	16.62	-10.50	605.81	602.53	-1707.90	-10.80	188.12	546.92
50769	84.30	16.34	-10.50	588.95	600.32	-1687.56	-21.50	237.20	533.55
50770	85.54	15.99	-10.50	568.27	597.24	-1661.62	-30.54	283.21	517.19
50771	86.74	15.58	-10.50	544.23	593.22	-1630.25	-37.76	325.66	498.04
50772	87.91	15.11	-10.50	517.33	588.11	-1593.67	-42.98	364.15	476.28
50773	89.05	14.58	-10.50	488.08	581.70	-1552.25	-46.09	398.43	452.05
50774	90.14	14.00	-10.50	457.17	573.74	-1506.69	-47.16	428.40	425.47
50775	79.13	18.88	-10.50	615.99	494.55	-1728.54	18.92	30.80	717.91
50776	80.47	18.79	-10.50	612.84	496.08	-1726.19	-0.84	88.00	713.50
50777	81.81	18.61	-10.50	604.50	498.97	-1717.73	-19.43	144.07	703.42
50778	83.13	18.35	-10.50	591.30	503.01	-1703.27	-36.35	198.17	687.87
50779	84.42	18.01	-10.50	573.65	507.90	-1682.99	-51.11	249.46	667.17
50780	85.68	17.59	-10.50	552.06	513.32	-1657.08	-63.27	297.23	641.78
50781	86.92	17.09	-10.50	527.12	518.87	-1625.79	-72.48	340.85	612.19
50782	88.11	16.51	-10.50	499.46	524.09	-1589.36	-78.47	379.82	578.94
50783	89.26	15.87	-10.50	469.82	528.44	-1548.15	-81.01	413.87	542.50
50784	90.36	15.15	-10.50	438.91	531.24	-1502.73	-80.14	442.91	503.19
50785	95.25	9.56	-10.50	289.10	511.37	-1210.32	-11.99	488.36	230.90
50786	94.64	10.65	-10.50	307.87	519.99	-1261.51	-29.59	496.77	277.64
50787	93.97	11.69	-10.50	327.94	525.35	-1310.39	-45.92	500.16	326.00

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]
50788	94.24	9.48	-10.50	333.60	533.42	-1253.98	4.34	469.68	208.19
50789	93.82	10.42	-10.50	345.03	540.37	-1295.91	-11.60	479.04	252.40
50790	93.36	11.34	-10.50	357.26	544.09	-1335.17	-26.80	484.50	297.50
50791	93.23	9.40	-10.50	374.63	553.44	-1283.13	17.46	440.38	180.57
50792	93.00	10.21	-10.50	379.07	558.33	-1318.40	3.51	453.07	222.51
50793	92.75	11.00	-10.50	385.23	560.70	-1350.25	-10.62	460.19	266.31
50794	91.38	14.37	-10.50	408.73	531.87	-1455.71	-76.26	466.73	463.84
50795	91.10	13.39	-10.50	428.59	565.42	-1462.12	-45.98	451.77	398.95
50796	90.81	12.43	-10.50	446.69	589.05	-1448.98	-19.67	425.52	325.20
50797	92.31	13.54	-10.50	380.15	531.37	-1408.05	-69.10	483.67	420.59
50798	91.93	12.78	-10.50	402.58	558.17	-1419.69	-42.62	468.27	369.36
50799	91.55	12.03	-10.50	423.08	578.29	-1416.84	-19.38	444.44	311.77
50800	93.19	12.66	-10.50	352.91	528.90	-1358.96	-59.47	495.25	376.39
50801	92.73	12.13	-10.50	377.18	549.86	-1376.06	-37.61	479.56	339.07
50802	92.26	11.61	-10.50	399.30	566.96	-1382.93	-18.02	458.76	294.01
50803	66.72	9.54	-9.50	380.14	478.10	-1304.43	110.35	-314.85	102.38
50804	65.70	9.48	-9.50	354.45	472.71	-1289.07	114.95	-334.25	124.45
50805	64.67	9.42	-9.50	326.08	468.15	-1264.95	120.85	-349.41	147.69
50806	66.45	10.61	-9.50	371.65	483.04	-1371.33	110.12	-343.66	182.13
50807	65.57	10.44	-9.50	348.69	477.20	-1342.06	115.21	-358.41	193.24
50808	64.70	10.26	-9.50	324.11	471.72	-1307.13	121.16	-367.29	204.06
50809	66.23	11.64	-9.50	363.18	482.05	-1420.96	112.67	-371.35	264.87
50810	65.49	11.36	-9.50	343.15	477.24	-1382.89	117.44	-381.08	262.29
50811	64.76	11.07	-9.50	321.63	471.65	-1343.07	123.14	-387.30	262.51
50812	77.85	9.97	-9.50	541.23	524.85	-1325.51	58.94	-23.67	-5.02
50813	76.67	10.05	-9.50	538.35	522.50	-1322.87	65.95	-55.03	2.83
50814	75.51	10.06	-9.50	531.12	519.53	-1320.63	72.70	-87.10	8.48
50815	74.38	10.03	-9.50	520.09	516.01	-1319.79	79.05	-119.04	14.11
50816	73.25	9.99	-9.50	505.86	511.78	-1320.02	84.90	-150.36	20.74
50817	72.15	9.93	-9.50	489.02	506.88	-1320.83	90.19	-180.80	28.99
50818	71.04	9.86	-9.50	470.11	501.44	-1321.59	94.92	-210.22	39.26
50819	69.95	9.78	-9.50	449.59	495.61	-1321.49	99.13	-238.51	51.78
50820	68.86	9.70	-9.50	427.75	489.58	-1319.45	102.94	-265.57	66.66
50821	67.78	9.62	-9.50	404.59	483.52	-1313.98	106.61	-291.21	83.79
50822	77.80	11.83	-9.50	532.97	531.62	-1493.62	53.96	-17.45	107.57
50823	76.52	11.99	-9.50	528.15	530.62	-1513.22	60.43	-62.48	125.70
50824	75.28	12.02	-9.50	519.94	528.01	-1516.16	67.01	-104.19	136.32
50825	74.08	11.96	-9.50	508.66	524.24	-1510.48	73.63	-143.08	142.96
50826	72.91	11.84	-9.50	494.65	519.73	-1499.72	79.96	-179.43	147.80
50827	71.77	11.69	-9.50	478.30	514.56	-1485.70	85.82	-213.38	152.07
50828	70.65	11.50	-9.50	459.96	508.80	-1469.00	91.18	-244.99	156.54
50829	69.56	11.29	-9.50	439.93	502.53	-1449.52	96.12	-274.21	161.70
50830	68.48	11.07	-9.50	418.37	495.85	-1426.65	100.81	-300.80	167.70
50831	67.42	10.82	-9.50	395.25	488.94	-1399.55	105.48	-324.34	174.42
50832	77.79	13.61	-9.50	524.67	530.80	-1658.62	46.17	-19.61	249.81
50833	76.48	13.75	-9.50	520.14	528.71	-1671.46	53.67	-69.87	267.68
50834	75.20	13.76	-9.50	511.92	526.03	-1670.84	61.16	-117.85	278.66
50835	73.95	13.68	-9.50	500.67	522.54	-1660.98	68.58	-163.23	284.43
50836	72.73	13.52	-9.50	486.75	518.32	-1643.15	75.78	-205.43	286.49
50837	71.55	13.30	-9.50	470.47	513.42	-1618.54	82.66	-244.13	286.00
50838	70.40	13.02	-9.50	452.07	507.86	-1587.91	89.20	-279.07	283.79
50839	69.28	12.71	-9.50	431.70	501.66	-1551.77	95.43	-309.96	280.40
50840	68.19	12.36	-9.50	409.48	494.90	-1510.44	101.50	-336.30	276.17
50841	67.13	11.98	-9.50	385.55	487.73	-1464.10	107.53	-356.97	270.75
50842	77.78	15.37	-9.50	516.94	518.28	-1802.45	38.94	-21.87	426.27
50843	76.46	15.46	-9.50	512.69	514.94	-1805.24	47.80	-78.11	440.31
50844	75.15	15.43	-9.50	504.82	511.53	-1795.90	56.88	-132.27	446.89
50845	73.87	15.31	-9.50	493.79	507.82	-1776.92	66.07	-183.59	447.17
50846	72.62	15.10	-9.50	479.87	503.79	-1749.08	75.13	-231.11	442.24
50847	71.40	14.82	-9.50	463.29	499.42	-1713.12	83.90	-274.05	433.07
50848	70.22	14.46	-9.50	444.27	494.67	-1669.75	92.25	-311.78	420.52
50849	69.07	14.06	-9.50	422.96	489.53	-1619.71	100.09	-343.75	405.29
50850	67.96	13.59	-9.50	399.57	484.04	-1563.91	107.42	-369.39	387.97
50851	66.89	13.09	-9.50	374.42	478.12	-1503.68	114.30	-387.87	369.50
50852	77.78	17.14	-9.50	512.41	476.82	-1878.23	32.73	-24.40	624.68
50853	76.44	17.15	-9.50	508.14	472.91	-1870.56	44.75	-85.97	629.58
50854	75.12	17.07	-9.50	500.15	469.93	-1852.75	57.08	-145.14	626.74
50855	73.81	16.89	-9.50	488.70	467.53	-1826.13	69.38	-200.93	616.94
50856	72.53	16.62	-9.50	474.00	465.61	-1791.19	81.30	-252.19	601.02
50857	71.29	16.27	-9.50	456.31	464.05	-1748.42	92.55	-297.93	579.87
50858	70.08	15.85	-9.50	435.94	462.71	-1698.41	102.87	-337.31	554.41
50859	68.91	15.35	-9.50	413.21	461.45	-1641.84	112.03	-369.63	525.52
50860	67.78	14.79	-9.50	388.48	460.10	-1579.69	119.88	-394.34	494.01
50861	66.69	14.16	-9.50	362.19	458.52	-1513.34	126.55	-411.04	460.77
50862	77.77	18.90	-9.50	511.55	389.12	-1841.63	28.52	-25.59	799.88
50863	76.42	18.84	-9.50	506.98	388.52	-1830.98	45.89	-89.24	793.90
50864	75.08	18.69	-9.50	498.15	389.92	-1812.40	63.07	-150.29	780.52
50865	73.76	18.45	-9.50	485.41	392.97	-1786.49	79.58	-207.70	760.31
50866	72.46	18.11	-9.50	469.10	397.39	-1753.48	94.98	-260.36	733.91
50867	71.19	17.69	-9.50	449.61	402.87	-1713.63	108.84	-307.25	702.12
50868	69.96	17.19	-9.50	427.38	409.10	-1667.21	120.82	-347.44	665.80
50869	68.77	16.60	-9.50	402.93	415.70	-1614.62	130.65	-380.17	625.84
50870	67.62	15.94	-9.50	376.85	422.26	-1556.46	138.19	-404.80	583.10
50871	66.52	15.21	-9.50	349.70	428.45	-1493.77	143.48	-420.97	538.42
50872	61.65	9.56	-9.50	222.21	456.52	-1146.70	153.04	-347.29	231.51
50873	62.25	10.66	-9.50	236.30	455.09	-1198.95	149.99	-372.83	292.37
50874	62.92	11.72	-9.50	252.59	450.26	-1250.86	149.30	-396.86	348.50
50875	62.65	9.49	-9.50	258.35	460.06	-1194.99	139.92	-361.61	204.57
50876	63.05	10.46	-9.50	266.58	461.46	-1241.89	138.54	-380.46	261.03
50877	63.51	11.40	-9.50	276.49	459.12	-1286.03	138.64	-398.27	314.81
50878	63.66	9.43	-9.50	292.95	463.82	-1234.12	129.10	-362.04	175.44
50879	63.86	10.27	-9.50	295.32	466.52	-1275.37	128.96	-378.17	227.36
50880	64.10	11.08	-9.50	299.73	466.16	-1311.87	129.66	-390.89	279.81
50881	65.50	14.42	-9.50	323.25	433.68	-1430.53	146.94	-428.32	494.92
50882	65.74	13.52	-9.50	337.85	457.08	-1450.66	131.59	-418.73	428.74
50883	66.00	12.61	-9.50	351.57	473.11	-1449.43	120.02	-398.21	352.73
50884	64.57	13.58	-9.50	297.85	439.17	-1368.24	148.51	-425.85	448.89
50885	64.92	12.88	-9.50	315.29	457.12	-1392.74	135.07	-418.42	395.18
50886	65.28	12.17	-9.50	331.78	469.91	-1401.97	124.26	-403.13	334.77

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	273.92	444.50	-1307.01	149.13	-415.60	402.80
50888	64.13	12.20	-9.50	293.22	457.21	-1335.63	137.80	-410.82	361.52
50889	64.58	11.71	-9.50	311.72	467.16	-1353.31	128.31	-401.27	312.83
50890	66.76	9.52	-10.50	441.71	630.34	-1223.23	127.01	-287.17	103.08
50891	65.73	9.46	-10.50	406.94	620.78	-1211.49	133.67	-303.63	123.91
50892	64.69	9.41	-10.50	369.59	612.03	-1192.85	141.50	-315.35	144.94
50893	66.54	10.54	-10.50	431.60	634.29	-1280.57	129.35	-310.11	170.59
50894	65.64	10.39	-10.50	400.53	624.55	-1258.11	135.81	-322.77	182.03
50895	64.75	10.22	-10.50	368.22	615.21	-1231.13	142.96	-329.59	192.60
50896	66.34	11.55	-10.50	420.58	629.96	-1327.04	134.17	-331.97	242.75
50897	65.58	11.29	-10.50	393.84	622.36	-1296.88	139.62	-340.67	241.90
50898	64.83	11.02	-10.50	365.96	614.04	-1265.43	145.82	-345.72	243.23
50899	77.88	9.92	-10.50	656.22	699.94	-1239.17	71.49	-19.92	-8.01
50900	76.73	9.94	-10.50	651.84	696.78	-1230.90	77.23	-48.27	-2.75
50901	75.60	9.94	-10.50	642.15	692.75	-1228.08	83.01	-77.13	2.33
50902	74.47	9.91	-10.50	628.00	688.00	-1228.01	88.76	-105.95	8.42
50903	73.35	9.88	-10.50	609.91	682.24	-1229.44	94.36	-134.48	16.06
50904	72.24	9.83	-10.50	588.35	675.40	-1231.48	99.81	-162.53	25.60
50905	71.13	9.78	-10.50	563.76	667.56	-1233.43	105.13	-189.96	37.24
50906	70.02	9.72	-10.50	536.53	658.85	-1234.53	110.40	-216.58	51.05
50907	68.92	9.65	-10.50	506.98	649.49	-1233.88	115.71	-242.06	66.98
50908	67.83	9.58	-10.50	475.23	639.67	-1230.28	121.24	-265.92	84.70
50909	77.84	11.74	-10.50	653.91	711.22	-1385.18	66.11	-19.03	95.45
50910	76.64	11.78	-10.50	648.08	710.24	-1389.13	72.27	-54.86	101.76
50911	75.45	11.75	-10.50	637.35	706.63	-1386.61	78.61	-89.85	107.19
50912	74.28	11.69	-10.50	622.40	701.12	-1380.89	85.21	-123.61	112.98
50913	73.12	11.59	-10.50	603.54	694.17	-1373.35	91.84	-156.22	119.34
50914	71.98	11.46	-10.50	581.17	686.00	-1364.14	98.34	-187.51	126.37
50915	70.84	11.31	-10.50	555.70	676.76	-1352.97	104.66	-217.23	134.18
50916	69.73	11.13	-10.50	527.51	666.58	-1339.35	110.85	-245.02	142.77
50917	68.62	10.94	-10.50	496.94	655.67	-1322.63	117.00	-270.37	151.95
50918	67.53	10.73	-10.50	464.28	644.31	-1302.20	123.24	-292.62	161.34
50919	66.45	10.54	-10.50	431.60	634.29	-1280.57	129.35	-310.11	170.59
50920	65.36	10.35	-10.50	400.53	624.55	-1258.11	135.81	-322.77	182.03
50921	64.27	10.16	-10.50	370.00	615.21	-1236.64	142.96	-329.59	192.60
50922	63.18	9.97	-10.50	340.00	606.00	-1215.17	150.11	-336.41	203.17
50923	62.09	9.78	-10.50	310.00	597.00	-1193.70	157.26	-343.23	213.74
50924	61.00	9.59	-10.50	280.00	588.00	-1172.23	164.41	-350.05	224.31
50925	60.00	9.40	-10.50	250.00	579.00	-1150.76	171.56	-356.87	234.88
50926	59.00	9.21	-10.50	220.00	570.00	-1129.29	178.71	-363.69	245.45
50927	58.00	9.02	-10.50	190.00	561.00	-1107.82	185.86	-370.51	256.02
50928	57.00	8.83	-10.50	160.00	552.00	-1086.35	193.01	-377.33	266.59
50929	56.00	8.64	-10.50	130.00	543.00	-1064.88	200.16	-384.15	277.16
50930	55.00	8.45	-10.50	100.00	534.00	-1043.41	207.31	-390.97	287.73
50931	54.00	8.26	-10.50	70.00	525.00	-1021.94	214.46	-397.79	298.30
50932	53.00	8.07	-10.50	40.00	516.00	-1000.47	221.61	-404.61	308.87
50933	52.00	7.88	-10.50	10.00	507.00	-979.00	228.76	-411.43	319.44
50934	51.00	7.69	-10.50	0.00	498.00	-957.53	235.91	-418.25	330.01
50935	50.00	7.50	-10.50	0.00	489.00	-936.06	243.06	-425.07	340.58
50936	49.00	7.31	-10.50	0.00	480.00	-914.59	250.21	-431.89	351.15
50937	48.00	7.12	-10.50	0.00	471.00	-893.12	257.36	-438.71	361.72
50938	47.00	6.93	-10.50	0.00	462.00	-871.65	264.51	-445.53	372.29
50939	46.00	6.74	-10.50	0.00	453.00	-850.18	271.66	-452.35	382.86
50940	45.00	6.55	-10.50	0.00	444.00	-828.71	278.81	-459.17	393.43
50941	44.00	6.36	-10.50	0.00	435.00	-807.24	285.96	-465.99	404.00
50942	43.00	6.17	-10.50	0.00	426.00	-785.77	293.11	-472.81	414.57
50943	42.00	5.98	-10.50	0.00	417.00	-764.30	300.26	-479.63	425.14
50944	41.00	5.79	-10.50	0.00	408.00	-742.83	307.41	-486.45	435.71
50945	40.00	5.60	-10.50	0.00	399.00	-721.36	314.56	-493.27	446.28
50946	39.00	5.41	-10.50	0.00	390.00	-699.89	321.71	-500.09	456.85
50947	38.00	5.22	-10.50	0.00	381.00	-678.42	328.86	-506.91	467.42
50948	37.00	5.03	-10.50	0.00	372.00	-656.95	336.01	-513.73	477.99
50949	36.00	4.84	-10.50	0.00	363.00	-635.48	343.16	-520.55	488.56
50950	35.00	4.65	-10.50	0.00	354.00	-614.01	350.31	-527.37	499.13
50951	34.00	4.46	-10.50	0.00	345.00	-592.54	357.46	-534.19	509.70
50952	33.00	4.27	-10.50	0.00	336.00	-571.07	364.61	-541.01	520.27
50953	32.00	4.08	-10.50	0.00	327.00	-549.60	371.76	-547.83	530.84
50954	31.00	3.89	-10.50	0.00	318.00	-528.13	378.91	-554.65	541.41
50955	30.00	3.70	-10.50	0.00	309.00	-506.66	386.06	-561.47	551.98
50956	29.00	3.51	-10.50	0.00	300.00	-485.19	393.21	-568.29	562.55
50957	28.00	3.32	-10.50	0.00	291.00	-463.72	400.36	-575.11	573.12
50958	27.00	3.13	-10.50	0.00	282.00	-442.25	407.51	-581.93	583.69
50959	26.00	2.94	-10.50	0.00	273.00	-420.78	414.66	-588.75	594.26
50960	25.00	2.75	-10.50	0.00	264.00	-399.31	421.81	-595.57	604.83
50961	24.00	2.56	-10.50	0.00	255.00	-377.84	428.96	-602.39	615.40
50962	23.00	2.37	-10.50	0.00	246.00	-356.37	436.11	-609.21	625.97
50963	22.00	2.18	-10.50	0.00	237.00	-334.90	443.26	-616.03	636.54
50964	21.00	1.99	-10.50	0.00	228.00	-313.43	450.41	-622.85	647.11
50965	20.00	1.80	-10.50	0.00	219.00	-291.96	457.56	-629.67	657.68
50966	19.00	1.61	-10.50	0.00	210.00	-270.49	464.71	-636.49	668.25
50967	18.00	1.42	-10.50	0.00	201.00	-249.02	471.86	-643.31	678.82
50968	17.00	1.23	-10.50	0.00	192.00	-227.55	479.01	-650.13	689.39
50969	16.00	1.04	-10.50	0.00	183.00	-206.08	486.16	-656.95	700.00
50970	15.00	0.85	-10.50	0.00	174.00	-184.61	493.31	-663.77	710.57
50971	14.00	0.66	-10.50	0.00	165.00	-163.14	500.46	-670.59	721.14
50972	13.00	0.47	-10.50	0.00	156.00	-141.67	507.61	-677.41	731.71
50973	12.00	0.28	-10.50	0.00	147.00	-120.20	514.76	-684.23	742.28
50974	11.00	0.09	-10.50	0.00	138.00	-98.73	521.91	-691.05	752.85
50975	10.00	0.00	-10.50	0.00	129.00	-77.26	529.06	-697.87	763.42
50976	9.00	0.00	-10.50	0.00	120.00	-55.79	536.21	-704.69	773.99
50977	8.00	0.00	-10.50	0.00	111.00	-34.32	543.36	-711.51	784.56
50978	7.00	0.00	-10.50	0.00	102.00	-12.85	550.51	-718.33	795.13
50979	6.00	0.00	-10.50	0.00	93.00	8.62	557.66	-725.15	805.70
50980	5.00	0.00	-10.50	0.00	84.00	29.89	564.81	-731.97	816.27
50981	4.00	0.00	-10.50	0.00	75.00	51.16	571.96	-738.79	826.84
50982	3.00	0.00	-10.50	0.00	66.00	72.43	579.11	-745.61	837.41
50983	2.00	0.00	-10.50	0.00	57.00	93.70	586.26	-752.43	847.98
50984	1.00	0.00	-10.50	0.00	48.00	114.97	593.41	-759.25	858.55
50985	0.00	0.00	-10.50	0.00	39.00	136.24	600.56	-766.07	869.12

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]
50986	79.01	-9.90	-9.50	288.59	32.40	-117.04	48.04	-5.08	-195.89
50987	80.14	-9.89	-9.50	283.23	34.58	-116.73	53.61	-3.06	-195.90
50988	81.26	-9.87	-9.50	276.68	36.97	-117.21	58.99	-1.71	-194.24
50989	82.38	-9.85	-9.50	269.03	39.55	-118.62	64.06	-0.89	-191.03
50990	83.50	-9.82	-9.50	260.41	42.29	-121.17	68.74	-0.43	-186.36
50991	84.62	-9.78	-9.50	250.96	45.15	-125.11	72.92	-0.11	-180.35
50992	85.73	-9.74	-9.50	240.88	48.08	-130.74	76.56	0.35	-173.16
50993	86.84	-9.69	-9.50	230.38	51.03	-138.36	79.62	1.36	-164.93
50994	87.95	-9.63	-9.50	219.72	53.96	-148.28	82.09	3.41	-155.85
50995	89.05	-9.56	-9.50	209.19	56.89	-160.69	84.03	7.12	-146.22
50996	79.03	-11.69	-9.50	250.36	-8.83	-7.68	40.58	-6.77	-141.59
50997	80.20	-11.67	-9.50	245.84	-6.43	-8.61	46.47	-7.51	-142.12
50998	81.36	-11.62	-9.50	240.57	-3.35	-11.66	52.17	-8.71	-141.48
50999	82.52	-11.55	-9.50	234.60	0.37	-16.94	57.57	-10.13	-139.78
51000	83.67	-11.46	-9.50	228.06	4.70	-24.59	62.59	-11.49	-137.13
51001	84.82	-11.35	-9.50	221.08	9.56	-34.78	67.13	-12.50	-133.67
51002	85.96	-11.21	-9.50	213.81	14.89	-47.70	71.15	-12.79	-129.53
51003	87.09	-11.06	-9.50	206.42	20.60	-63.46	74.60	-11.92	-124.89
51004	88.20	-10.88	-9.50	199.10	26.62	-82.09	77.49	-9.38	-119.92
51005	89.31	-10.68	-9.50	191.98	32.90	-103.49	79.88	-4.58	-114.78
51006	79.05	-13.49	-9.50	212.48	-42.93	101.48	33.21	-8.37	-77.15
51007	80.26	-13.45	-9.50	208.95	-40.56	99.15	39.05	-11.92	-78.26
51008	81.47	-13.37	-9.50	205.07	-37.15	93.27	44.74	-15.71	-78.92
51009	82.66	-13.26	-9.50	200.91	-32.72	83.78	50.18	-19.36	-79.22
51010	83.85	-13.10	-9.50	196.55	-27.33	70.63	55.28	-22.49	-79.26
51011	85.03	-12.91	-9.50	192.10	-21.03	53.76	59.98	-24.71	-79.14
51012	86.19	-12.69	-9.50	187.69	-13.91	33.19	64.24	-25.60	-78.98
51013	87.33	-12.43	-9.50	183.43	-6.05	9.02	68.07	-24.72	-78.87
51014	88.46	-12.13	-9.50	179.37	2.44	-18.45	71.47	-21.55	-78.91
51015	89.56	-11.80	-9.50	175.51	11.53	-48.71	74.47	-15.43	-79.34
51016	79.08	-15.29	-9.50	174.89	-67.35	201.48	26.13	-9.89	-3.48
51017	80.33	-15.23	-9.50	172.49	-65.23	197.76	31.42	-16.22	-5.30
51018	81.57	-15.12	-9.50	170.16	-61.86	189.13	36.63	-22.52	-7.65
51019	82.81	-14.96	-9.50	167.96	-57.25	175.65	41.69	-28.30	-10.59
51020	84.03	-14.75	-9.50	165.94	-51.46	157.36	46.53	-33.07	-14.14
51021	85.23	-14.48	-9.50	164.16	-44.52	134.38	51.14	-36.35	-18.32
51022	86.42	-14.16	-9.50	162.69	-36.51	106.90	55.52	-37.68	-23.11
51023	87.58	-13.80	-9.50	161.53	-27.48	75.29	59.69	-36.65	-28.48
51024	88.72	-13.38	-9.50	160.62	-17.51	40.08	63.72	-32.84	-34.40
51025	89.82	-12.92	-9.50	159.78	-6.72	2.08	67.60	-25.81	-40.55
51026	79.10	-17.08	-9.50	137.50	-78.05	279.58	19.49	-11.29	74.66
51027	80.39	-17.01	-9.50	136.31	-76.42	274.77	23.51	-19.92	72.05
51028	81.67	-16.87	-9.50	135.70	-73.61	264.18	27.61	-28.30	67.69
51029	82.95	-16.66	-9.50	135.66	-69.63	247.93	31.76	-35.81	61.63
51030	84.20	-16.39	-9.50	136.18	-64.47	226.17	35.97	-41.88	53.97
51031	85.44	-16.04	-9.50	137.22	-58.14	199.15	40.26	-45.96	44.87
51032	86.65	-15.64	-9.50	138.75	-50.63	167.20	44.69	-47.59	34.52
51033	87.83	-15.17	-9.50	140.66	-41.91	130.75	49.32	-46.41	23.15
51034	88.97	-14.63	-9.50	142.76	-31.96	90.44	54.18	-42.15	11.02
51035	90.08	-14.04	-9.50	144.79	-20.79	47.11	59.25	-34.54	-1.60
51036	79.12	-18.88	-9.50	100.42	-71.69	324.44	13.42	-12.34	144.14
51037	80.45	-18.79	-9.50	100.48	-70.86	319.25	15.47	-21.98	140.94
51038	81.78	-18.62	-9.50	101.69	-69.38	308.26	17.80	-31.28	134.96
51039	83.09	-18.37	-9.50	103.92	-67.15	291.57	20.51	-39.60	126.34
51040	84.38	-18.03	-9.50	107.07	-64.05	269.35	23.73	-46.30	115.30
51041	85.65	-17.61	-9.50	110.99	-59.94	241.80	27.53	-50.84	102.13
51042	86.88	-17.11	-9.50	115.49	-54.68	209.18	32.01	-52.77	87.19
51043	88.08	-16.54	-9.50	120.34	-48.06	171.82	37.22	-51.74	70.84
51044	89.23	-15.88	-9.50	125.28	-39.88	130.16	43.15	-47.53	53.42
51045	90.34	-15.16	-9.50	129.99	-29.97	84.83	49.72	-40.06	35.39
51046	95.25	-9.56	-9.50	147.71	65.21	-227.78	87.71	79.46	-68.18
51047	94.64	-10.65	-9.50	145.19	44.95	-169.40	82.65	51.28	-54.39
51048	93.96	-11.70	-9.50	142.70	26.35	-113.47	76.70	26.44	-38.04
51049	94.23	-9.48	-9.50	160.45	64.58	-224.75	87.81	63.31	-84.67
51050	93.81	-10.44	-9.50	155.94	46.40	-172.29	83.56	41.36	-70.13
51051	93.34	-11.36	-9.50	151.56	29.65	-122.27	78.65	21.62	-53.23
51052	93.22	-9.41	-9.50	171.25	64.37	-217.90	87.73	48.11	-99.20
51053	92.98	-10.23	-9.50	165.75	48.47	-173.21	84.32	32.50	-85.14
51054	92.72	-11.03	-9.50	159.99	33.52	-130.51	80.38	17.22	-68.84
51055	91.36	-14.38	-9.50	134.09	-18.36	37.60	56.45	-29.03	16.28
51056	91.05	-13.43	-9.50	146.55	-9.21	4.75	64.18	-24.23	-14.88
51057	90.75	-12.48	-9.50	158.93	3.14	-32.70	70.82	-16.90	-46.82
51058	92.30	-13.56	-9.50	137.53	-5.35	-10.77	63.34	-14.55	-2.03
51059	91.89	-12.81	-9.50	148.04	2.33	-35.83	68.93	-11.94	-27.01
51060	91.50	-12.07	-9.50	158.50	12.01	-63.23	73.87	-7.73	-52.44
51061	93.18	-12.67	-9.50	140.07	9.21	-60.83	70.13	3.38	-19.92
51062	92.70	-12.15	-9.50	148.81	14.73	-77.15	73.56	3.20	-38.68
51063	92.22	-11.64	-9.50	157.78	21.37	-94.12	76.81	4.27	-57.56
51064	90.12	-9.50	-10.50	252.32	64.82	-189.90	108.41	6.91	-108.63
51065	91.16	-9.45	-10.50	242.00	69.33	-201.07	111.06	15.87	-98.87
51066	92.20	-9.40	-10.50	231.40	73.51	-213.39	113.41	27.36	-88.75
51067	90.31	-10.51	-10.50	235.66	39.29	-143.04	103.67	-1.88	-84.18
51068	91.22	-10.36	-10.50	229.05	46.46	-158.53	106.52	6.40	-78.93
51069	92.12	-10.20	-10.50	222.19	53.60	-174.71	109.18	16.88	-73.50
51070	90.50	-11.51	-10.50	220.12	16.84	-97.63	97.88	-9.69	-57.29
51071	91.27	-11.26	-10.50	216.82	25.91	-117.38	101.10	-2.46	-56.87
51072	92.04	-10.99	-10.50	213.17	35.02	-137.44	104.22	7.34	-56.31
51073	79.01	-9.90	-10.50	334.33	20.47	-141.63	58.13	-4.86	-163.00
51074	80.14	-9.89	-10.50	329.30	23.41	-141.86	64.60	-4.07	-163.07
51075	81.26	-9.87	-10.50	323.32	26.77	-142.75	70.97	-3.85	-161.65
51076	82.38	-9.85	-10.50	316.47	30.55	-144.38	77.12	-4.06	-158.84
51077	83.50	-9.82	-10.50	308.84	34.74	-146.92	82.94	-4.51	-154.73
51078	84.62	-9.78	-10.50	300.54	39.29	-150.55	88.35	-4.97	-149.43
51079	85.73	-9.74	-10.50	291.67	44.15	-155.45	93.29	-5.12	-143.05
51080	86.84	-9.69	-10.50	282.32	49.26	-161.80	97.72	-4.56	-135.71
51081	87.95	-9.63	-10.50	272.57	54.54	-169.75	101.68	-2.76	-127.56
51082	89.05	-9.56	-10.50	262.47	59.95	-179.41	105.23	0.90	-118.86
51083	79.03	-11.69	-10.50	291.95	-29.18	-40.24	49.86	-6.04	-113.10
51084	80.20	-11.67	-10.50	287.67	-25.91	-41.63	56.51	-7.67	-113.61

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]
51085	81.36	-11.62	-10.50	282.94	-21.68	-44.86	63.08	-9.66	-113.07
51086	82.52	-11.55	-10.50	277.81	-16.48	-50.03	69.45	-11.79	-111.61
51087	83.67	-11.46	-10.50	272.36	-10.36	-57.23	75.54	-13.76	-109.32
51088	84.82	-11.35	-10.50	266.65	-3.40	-66.58	81.27	-15.27	-106.32
51089	85.96	-11.21	-10.50	260.76	4.33	-78.17	86.58	-15.93	-102.75
51090	87.09	-11.06	-10.50	254.72	12.71	-92.02	91.47	-15.35	-98.74
51091	88.20	-10.88	-10.50	248.54	21.64	-108.05	95.97	-13.01	-94.45
51092	89.31	-10.68	-10.50	242.16	31.02	-126.05	100.15	-8.37	-90.01
51093	79.05	-13.49	-10.50	251.03	-67.49	61.72	41.66	-7.17	-54.74
51094	80.26	-13.45	-10.50	247.63	-64.25	59.06	48.09	-11.23	-55.75
51095	81.47	-13.37	-10.50	244.24	-59.67	53.27	54.48	-15.45	-56.39
51096	82.66	-13.26	-10.50	240.90	-53.76	44.33	60.74	-19.46	-56.73
51097	83.85	-13.10	-10.50	237.64	-46.58	32.18	66.80	-22.86	-56.87
51098	85.03	-12.91	-10.50	234.50	-38.18	16.81	72.62	-25.27	-56.89
51099	86.19	-12.69	-10.50	231.51	-28.64	-1.76	78.18	-26.26	-56.88
51100	87.33	-12.43	-10.50	228.66	-18.06	-23.39	83.51	-25.46	-56.93
51101	88.46	-12.13	-10.50	225.86	-6.53	-47.73	88.66	-22.45	-57.13
51102	89.56	-11.80	-10.50	222.94	5.88	-74.23	93.65	-16.67	-57.73
51103	79.08	-15.29	-10.50	211.68	-91.66	156.04	33.79	-8.27	10.75
51104	80.33	-15.23	-10.50	209.30	-88.75	152.14	39.47	-14.64	9.11
51105	81.57	-15.12	-10.50	207.37	-84.38	143.95	45.21	-20.93	6.93
51106	82.81	-14.96	-10.50	205.90	-78.56	131.51	50.95	-26.67	4.19
51107	84.03	-14.75	-10.50	204.88	-71.32	114.86	56.67	-31.34	0.87
51108	85.23	-14.48	-10.50	204.32	-62.69	94.09	62.35	-34.50	-2.99
51109	86.42	-14.16	-10.50	204.16	-52.72	69.33	68.03	-35.72	-7.35
51110	87.58	-13.80	-10.50	204.34	-41.41	40.86	73.77	-34.67	-12.17
51111	88.72	-13.38	-10.50	204.68	-28.76	9.18	79.64	-31.07	-17.41
51112	89.82	-12.92	-10.50	204.83	-14.85	-24.91	85.66	-24.64	-22.88
51113	79.10	-17.08	-10.50	173.91	-99.66	233.69	26.38	-9.30	78.49
51114	80.39	-17.01	-10.50	172.61	-97.37	228.81	30.75	-17.44	76.15
51115	81.67	-16.87	-10.50	172.23	-93.82	218.85	35.32	-25.32	72.24
51116	82.95	-16.66	-10.50	172.71	-88.99	203.90	40.12	-32.36	66.78
51117	84.20	-16.39	-10.50	173.99	-82.84	184.09	45.18	-37.99	59.91
51118	85.44	-16.04	-10.50	175.99	-75.36	159.58	50.55	-41.73	51.81
51119	86.65	-15.64	-10.50	178.58	-66.47	130.58	56.29	-43.16	42.70
51120	87.83	-15.17	-10.50	181.59	-56.09	97.41	62.49	-42.01	32.83
51121	88.97	-14.63	-10.50	184.78	-44.07	60.57	69.22	-38.12	22.40
51122	90.08	-14.04	-10.50	187.74	-30.26	20.85	76.44	-31.40	11.53
51123	79.12	-18.88	-10.50	137.66	-91.02	287.81	19.60	-10.14	137.07
51124	80.45	-18.79	-10.50	137.46	-89.62	282.47	22.20	-18.85	134.29
51125	81.78	-18.62	-10.50	138.62	-87.54	271.89	25.18	-27.25	129.09
51126	83.09	-18.37	-10.50	141.03	-84.66	256.13	28.69	-34.75	121.59
51127	84.38	-18.03	-10.50	144.54	-80.83	235.31	32.85	-40.79	112.01
51128	85.65	-17.61	-10.50	148.97	-75.88	209.57	37.78	-44.87	100.62
51129	86.88	-17.11	-10.50	154.12	-69.60	179.09	43.56	-46.60	87.76
51130	88.08	-16.54	-10.50	159.71	-61.75	144.09	50.28	-45.69	73.81
51131	89.23	-15.88	-10.50	165.45	-51.97	104.90	57.96	-42.03	59.04
51132	90.34	-15.16	-10.50	170.92	-39.92	62.08	66.54	-35.67	43.76
51133	95.25	-9.56	-10.50	190.25	80.08	-230.14	115.52	69.98	-48.73
51134	94.64	-10.65	-10.50	187.38	54.58	-175.93	109.06	44.57	-36.30
51135	93.96	-11.70	-10.50	184.60	31.05	-123.90	101.60	22.20	-21.47
51136	94.23	-9.48	-10.50	206.03	77.99	-227.78	115.86	55.79	-63.42
51137	93.81	-10.44	-10.50	200.69	55.05	-179.79	110.09	35.85	-50.31
51138	93.34	-11.36	-10.50	195.59	33.92	-133.86	103.62	17.97	-34.93
51139	93.22	-9.41	-10.50	219.53	76.36	-222.78	115.26	41.85	-76.32
51140	92.98	-10.23	-10.50	212.82	56.33	-182.08	110.50	27.71	-63.68
51141	92.72	-11.03	-10.50	205.95	37.51	-143.10	105.00	13.85	-48.97
51142	91.36	-14.38	-10.50	175.63	-25.62	17.40	75.47	-26.31	27.21
51143	91.05	-13.43	-10.50	190.15	-15.79	-18.01	83.59	-22.47	-0.20
51144	90.75	-12.48	-10.50	204.53	-2.00	-55.95	90.87	-16.66	-28.60
51145	92.30	-13.56	-10.50	179.37	-9.20	-28.15	84.52	-13.97	11.08
51146	91.89	-12.81	-10.50	191.89	-1.04	-55.07	90.33	-11.83	-11.06
51147	91.50	-12.07	-10.50	204.24	9.63	-83.03	95.58	-8.52	-33.76
51148	93.18	-12.67	-10.50	181.93	9.33	-74.89	93.29	1.59	-5.02
51149	92.70	-12.15	-10.50	192.58	14.93	-92.62	96.80	1.45	-21.65
51150	92.22	-11.64	-10.50	203.40	22.46	-110.24	100.15	2.25	-38.59
51151	66.76	-9.49	-9.50	271.10	18.85	-175.83	6.16	-106.26	-91.68
51152	65.73	-9.44	-9.50	265.31	16.75	-184.24	6.44	-127.73	-76.75
51153	64.69	-9.39	-9.50	259.24	14.05	-191.79	7.28	-151.78	-61.69
51154	66.54	-10.47	-9.50	251.96	1.30	-129.93	-2.19	-97.03	-62.39
51155	65.64	-10.33	-9.50	249.02	1.89	-143.19	-1.89	-116.64	-52.18
51156	64.75	-10.18	-9.50	246.00	2.17	-155.45	-0.95	-138.58	-42.21
51157	66.34	-11.46	-9.50	232.12	-13.17	-85.15	-8.94	-86.98	-31.56
51158	65.57	-11.21	-9.50	231.90	-10.60	-103.17	-8.61	-104.50	-26.65
51159	64.82	-10.96	-9.50	231.52	-7.96	-120.16	-7.52	-124.64	-21.68
51160	77.88	-9.89	-9.50	292.76	30.57	-118.31	42.38	-7.91	-194.35
51161	76.75	-9.88	-9.50	295.74	29.02	-120.45	36.69	-11.49	-191.03
51162	75.61	-9.86	-9.50	297.35	27.73	-123.16	31.17	-16.03	-185.95
51163	74.49	-9.83	-9.50	297.62	26.60	-126.52	25.95	-21.64	-179.09
51164	73.37	-9.80	-9.50	296.60	25.61	-130.65	21.12	-28.43	-170.53
51165	72.25	-9.76	-9.50	294.40	24.70	-135.69	16.80	-36.57	-160.37
51166	71.14	-9.71	-9.50	291.14	23.81	-141.75	13.12	-46.27	-148.75
51167	70.03	-9.66	-9.50	286.99	22.91	-148.93	10.17	-57.79	-135.88
51168	68.93	-9.60	-9.50	282.11	21.91	-157.24	8.03	-71.50	-121.99
51169	67.83	-9.54	-9.50	276.71	20.82	-166.58	6.76	-87.75	-107.50
51170	77.85	-11.68	-9.50	254.32	-10.27	-9.43	34.56	-6.79	-140.22
51171	76.65	-11.64	-9.50	257.62	-10.89	-13.74	28.57	-7.77	-137.69
51172	75.46	-11.58	-9.50	259.87	-10.89	-19.86	22.76	-9.93	-133.68
51173	74.29	-11.50	-9.50	261.14	-10.31	-27.81	17.28	-13.49	-128.26
51174	73.13	-11.40	-9.50	261.51	-9.23	-37.65	12.27	-18.67	-121.51
51175	71.98	-11.28	-9.50	261.08	-7.73	-49.43	7.85	-25.71	-113.57
51176	70.85	-11.15	-9.50	260.01	-5.91	-63.13	4.13	-34.87	-104.58
51177	69.73	-10.99	-9.50	258.44	-3.89	-78.65	1.22	-46.46	-94.77
51178	68.62	-10.82	-9.50	256.53	-1.78	-95.70	-0.78	-60.85	-84.43
51179	67.53	-10.63	-9.50	254.38	0.31	-113.84	-1.81	-78.32	-73.86
51180	77.82	-13.48	-9.50	215.92	-44.00	99.52	27.24	-5.43	-75.97
51181	76.57	-13.42	-9.50	219.15	-43.89	93.40	21.32	-3.54	-74.46
51182	75.34	-13.32	-9.50	221.78	-42.82	83.99	15.61	-3.10	-72.07
51183	74.12	-13.19	-9.50	223.86	-40.85	71.36	10.26	-4.43	-68.83

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]
51184	72.92	-13.03	-9.50	225.48	-38.07	55.55	5.37	-7.85	-64.81
51185	71.75	-12.83	-9.50	226.76	-34.60	36.67	1.06	-13.70	-60.09
51186	70.59	-12.61	-9.50	227.85	-30.55	14.92	-2.57	-22.31	-54.81
51187	69.46	-12.35	-9.50	228.87	-26.10	-9.29	-5.46	-33.99	-49.11
51188	68.35	-12.06	-9.50	229.93	-21.44	-35.36	-7.51	-49.10	-43.19
51189	67.26	-11.74	-9.50	231.07	-16.69	-62.38	-8.58	-68.09	-37.49
51190	77.80	-15.28	-9.50	177.64	-68.10	199.66	20.78	-4.01	-2.57
51191	76.50	-15.20	-9.50	180.60	-67.50	192.33	15.48	0.77	-2.36
51192	75.23	-15.07	-9.50	183.48	-65.74	180.24	10.41	3.87	-2.19
51193	73.98	-14.90	-9.50	186.31	-62.89	163.53	5.66	4.83	-2.03
51194	72.74	-14.67	-9.50	189.18	-59.06	142.42	1.30	3.21	-1.83
51195	71.54	-14.40	-9.50	192.18	-54.37	117.18	-2.61	-1.42	-1.53
51196	70.36	-14.08	-9.50	195.42	-48.95	88.23	-6.03	-9.42	-1.12
51197	69.21	-13.72	-9.50	198.97	-42.98	56.21	-8.94	-21.11	-0.57
51198	68.09	-13.31	-9.50	202.83	-36.63	22.04	-11.27	-36.78	0.09
51199	67.00	-12.86	-9.50	206.92	-30.21	-13.10	-12.91	-56.70	0.99
51200	77.78	-17.07	-9.50	139.48	-78.56	278.20	15.50	-2.94	75.30
51201	76.46	-16.99	-9.50	142.15	-77.86	270.58	11.58	4.28	74.07
51202	75.15	-16.84	-9.50	145.32	-76.08	257.16	7.81	9.67	71.58
51203	73.86	-16.62	-9.50	149.01	-73.27	238.14	4.21	12.64	68.02
51204	72.60	-16.34	-9.50	153.25	-69.52	213.85	0.77	12.65	63.61
51205	71.36	-15.99	-9.50	158.04	-64.92	184.66	-2.53	9.20	58.64
51206	70.16	-15.58	-9.50	163.42	-59.54	151.11	-5.70	1.92	53.39
51207	68.99	-15.11	-9.50	169.37	-53.49	113.92	-8.77	-9.52	48.13
51208	67.85	-14.58	-9.50	175.83	-46.86	74.07	-11.68	-25.29	43.10
51209	66.76	-14.00	-9.50	182.67	-39.86	32.83	-14.24	-45.57	38.40
51210	77.77	-18.88	-9.50	101.67	-72.10	323.67	11.56	-2.90	144.55
51211	76.43	-18.79	-9.50	104.09	-71.81	316.88	9.74	5.46	142.24
51212	75.09	-18.61	-9.50	107.67	-70.95	304.20	7.91	12.03	137.58
51213	73.77	-18.35	-9.50	112.35	-69.50	285.77	5.95	16.18	130.89
51214	72.48	-18.01	-9.50	118.05	-67.42	261.80	3.74	17.33	122.57
51215	71.22	-17.59	-9.50	124.67	-64.67	232.61	1.18	14.97	113.09
51216	69.98	-17.09	-9.50	132.12	-61.16	198.57	-1.79	8.65	102.97
51217	68.79	-16.51	-9.50	140.30	-56.82	160.23	-5.20	-1.94	92.69
51218	67.64	-15.87	-9.50	149.10	-51.57	118.35	-8.98	-17.03	82.63
51219	66.54	-15.15	-9.50	158.42	-45.47	74.01	-12.91	-36.67	73.17
51220	61.65	-9.56	-9.50	231.14	-1.31	-179.13	7.91	-230.14	-8.22
51221	62.26	-10.65	-9.50	216.25	-10.69	-137.14	-6.63	-194.50	13.90
51222	62.93	-11.69	-9.50	201.93	-17.88	-96.08	-15.05	-157.97	31.14
51223	62.66	-9.48	-9.50	241.96	4.74	-189.48	7.99	-203.98	-27.57
51224	63.08	-10.42	-9.50	228.45	-5.85	-149.08	-3.84	-176.94	-7.48
51225	63.54	-11.34	-9.50	214.64	-14.36	-109.98	-11.75	-148.98	10.70
51226	63.67	-9.40	-9.50	251.23	9.93	-194.18	7.91	-178.13	-45.06
51227	63.90	-10.21	-9.50	238.98	-0.61	-157.74	-1.37	-159.55	-27.30
51228	64.15	-11.00	-9.50	226.28	-9.64	-122.42	-8.82	-139.51	-9.31
51229	65.52	-14.37	-9.50	167.98	-38.47	29.51	-16.17	-60.80	63.29
51230	65.80	-13.39	-9.50	189.54	-32.91	-5.81	-15.95	-68.41	32.86
51231	66.09	-12.43	-9.50	210.66	-24.66	-43.71	-13.50	-77.48	1.05
51232	64.59	-13.54	-9.50	178.32	-31.55	-13.71	-18.48	-89.09	54.20
51233	64.97	-12.78	-9.50	196.71	-26.92	-40.90	-16.62	-92.62	27.76
51234	65.35	-12.03	-9.50	214.20	-20.18	-69.13	-13.43	-96.49	0.60
51235	63.71	-12.66	-9.50	189.18	-24.73	-55.30	-18.84	-121.21	44.73
51236	64.17	-12.13	-9.50	203.97	-20.98	-74.35	-15.89	-119.92	22.32
51237	64.64	-11.61	-9.50	217.87	-16.32	-93.34	-12.22	-118.45	-0.34
51238	66.76	-9.49	-10.50	316.59	6.02	-181.99	13.35	-89.76	-69.44
51239	65.73	-9.44	-10.50	308.66	3.13	-187.68	13.57	-109.83	-56.13
51240	64.69	-9.39	-10.50	299.92	-0.72	-193.12	14.39	-132.23	-42.78
51241	66.54	-10.47	-10.50	296.45	-16.83	-138.47	4.41	-82.48	-42.93
51242	65.64	-10.33	-10.50	291.79	-16.44	-148.93	4.66	-100.58	-33.95
51243	64.75	-10.18	-10.50	286.70	-16.52	-158.88	5.65	-120.71	-25.21
51244	66.34	-11.46	-10.50	275.91	-35.65	-95.57	-2.98	-74.67	-14.89
51245	65.57	-11.21	-10.50	274.36	-32.79	-110.90	-2.62	-90.51	-10.69
51246	64.82	-10.96	-10.50	272.25	-30.19	-125.59	-1.61	-108.66	-6.53
51247	77.88	-9.89	-10.50	338.41	18.12	-142.20	51.68	-6.38	-161.57
51248	76.75	-9.88	-10.50	341.52	16.26	-143.50	45.30	-8.54	-158.55
51249	75.61	-9.86	-10.50	343.43	14.83	-145.26	39.22	-11.62	-153.95
51250	74.49	-9.83	-10.50	344.13	13.70	-147.53	33.55	-15.73	-147.78
51251	73.37	-9.80	-10.50	343.62	12.80	-150.41	28.41	-20.99	-140.10
51252	72.25	-9.76	-10.50	341.93	12.05	-153.98	23.91	-27.59	-131.00
51253	71.14	-9.71	-10.50	339.08	11.34	-158.32	20.16	-35.74	-120.61
51254	70.03	-9.66	-10.50	335.09	10.57	-163.43	17.23	-45.72	-109.09
51255	68.93	-9.60	-10.50	329.97	9.61	-169.28	15.17	-57.89	-96.66
51256	67.83	-9.54	-10.50	323.73	8.40	-175.74	13.96	-72.64	-83.69
51257	77.85	-11.68	-10.50	296.00	-31.15	-41.22	43.17	-5.08	-111.86
51258	76.65	-11.64	-10.50	299.70	-32.01	-44.47	36.61	-5.00	-109.58
51259	75.46	-11.58	-10.50	302.58	-32.00	-49.28	30.34	-6.03	-105.98
51260	74.29	-11.50	-10.50	304.63	-31.22	-55.67	24.50	-8.42	-101.13
51261	73.13	-11.40	-10.50	305.87	-29.78	-63.69	19.23	-12.40	-95.12
51262	71.98	-11.28	-10.50	306.31	-27.82	-73.34	14.64	-18.21	-88.06
51263	70.85	-11.15	-10.50	305.97	-25.48	-84.59	10.84	-26.11	-80.11
51264	69.73	-10.99	-10.50	304.85	-22.95	-97.28	7.89	-36.39	-71.46
51265	68.62	-10.82	-10.50	302.94	-20.38	-111.12	5.88	-49.36	-62.36
51266	67.53	-10.63	-10.50	300.15	-17.95	-125.72	4.83	-65.29	-53.09
51267	77.82	-13.48	-10.50	254.71	-69.15	60.59	35.20	-3.64	-53.70
51268	76.57	-13.42	-10.50	258.54	-69.34	55.77	28.87	-1.09	-52.37
51269	75.34	-13.32	-10.50	262.05	-68.34	48.07	22.84	0.08	-50.26
51270	74.12	-13.19	-10.50	265.19	-66.25	37.55	17.21	-0.48	-47.41
51271	72.92	-13.03	-10.50	267.96	-63.20	24.24	12.11	-3.10	-43.87
51272	71.75	-12.83	-10.50	270.35	-59.36	8.26	7.63	-8.09	-39.72
51273	70.59	-12.61	-10.50	272.37	-54.88	-10.24	3.85	-15.78	-35.08
51274	69.46	-12.35	-10.50	274.01	-49.97	-30.90	0.83	-26.41	-30.07
51275	68.35	-12.06	-10.50	275.22	-44.83	-53.16	-1.36	-40.22	-24.89
51276	67.26	-11.74	-10.50	275.89	-39.59	-76.22	-2.56	-57.54	-20.00
51277	77.80	-15.28	-10.50	214.78	-93.03	155.07	28.12	-2.27	11.55
51278	76.50	-15.20	-10.50	218.48	-92.91	149.24	22.57	2.68	11.69
51279	75.23	-15.07	-10.50	222.38	-91.47	139.26	17.28	6.02	11.75
51280	73.98	-14.90	-10.50	226.43	-88.84	125.25	12.30	7.29	11.80
51281	72.74	-14.67	-10.50	230.58	-85.14	107.35	7.71	6.06	11.91
51282	71.54	-14.40	-10.50	234.78	-80.55	85.79	3.56	1.92	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]
51283	70.36	-14.08	-10.50	239.02	-75.21	60.88	-0.10	-5.44	12.54
51284	69.21	-13.72	-10.50	243.24	-69.26	33.10	-3.24	-16.26	13.15
51285	68.09	-13.31	-10.50	247.31	-62.86	3.20	-5.82	-30.66	13.91
51286	67.00	-12.86	-10.50	251.02	-56.23	-27.77	-7.67	-48.72	14.82
51287	77.78	-17.07	-10.50	176.33	-100.81	233.11	22.13	-1.41	79.05
51288	76.46	-16.99	-10.50	179.75	-100.71	227.04	17.98	5.42	77.94
51289	75.15	-16.84	-10.50	183.93	-99.50	215.87	13.98	10.53	75.70
51290	73.86	-16.62	-10.50	188.78	-97.27	199.78	10.10	13.34	72.52
51291	72.60	-16.34	-10.50	194.21	-94.12	178.99	6.34	13.36	68.65
51292	71.36	-15.99	-10.50	200.12	-90.14	153.78	2.69	10.15	64.38
51293	70.16	-15.58	-10.50	206.41	-85.43	124.53	-0.83	3.35	60.01
51294	68.99	-15.11	-10.50	212.96	-80.02	91.76	-4.21	-7.23	55.80
51295	67.85	-14.58	-10.50	219.60	-73.97	56.21	-7.39	-21.64	51.91
51296	66.76	-14.00	-10.50	226.09	-67.31	18.98	-10.14	-39.85	48.28
51297	77.77	-18.88	-10.50	139.38	-91.99	287.75	17.27	-1.62	137.46
51298	76.43	-18.79	-10.50	142.45	-92.29	282.24	15.01	5.90	135.47
51299	75.09	-18.61	-10.50	146.82	-92.04	271.40	12.72	11.77	131.50
51300	73.77	-18.35	-10.50	152.37	-91.27	255.33	10.27	15.41	125.80
51301	72.48	-18.01	-10.50	158.95	-89.95	234.18	7.57	16.32	118.77
51302	71.22	-17.59	-10.50	166.38	-88.04	208.17	4.54	14.04	110.85
51303	69.98	-17.09	-10.50	174.48	-85.49	177.57	1.15	8.17	102.53
51304	68.79	-16.51	-10.50	183.06	-82.19	142.77	-2.56	-1.53	94.26
51305	67.64	-15.87	-10.50	191.94	-78.00	104.33	-6.51	-15.16	86.34
51306	66.54	-15.15	-10.50	200.91	-72.83	63.13	-10.44	-32.63	78.95
51307	61.65	-9.56	-10.50	261.92	-22.74	-183.34	16.94	-202.87	4.55
51308	62.26	-10.65	-10.50	249.03	-34.96	-140.87	0.95	-171.01	24.86
51309	62.93	-11.69	-10.50	236.99	-44.32	-99.72	-9.06	-138.68	41.02
51310	62.66	-9.48	-10.50	276.22	-14.27	-190.97	15.86	-179.75	-12.64
51311	63.08	-10.42	-10.50	264.02	-28.09	-151.79	3.10	-155.54	5.70
51312	63.54	-11.34	-10.50	251.73	-39.25	-113.91	-5.82	-130.72	22.60
51313	63.67	-9.40	-10.50	288.76	-6.74	-194.76	15.18	-156.50	-28.08
51314	63.90	-10.21	-10.50	277.11	-20.67	-160.17	5.32	-139.92	-11.98
51315	64.15	-11.00	-10.50	265.21	-32.68	-126.63	-2.64	-122.16	4.48
51316	65.52	-14.37	-10.50	209.53	-66.43	21.29	-13.46	-53.81	70.79
51317	65.80	-13.39	-10.50	232.04	-60.39	-16.30	-11.86	-60.04	43.54
51318	66.09	-12.43	-10.50	253.85	-50.35	-54.91	-8.37	-67.32	14.80
51319	64.59	-13.54	-10.50	218.26	-59.64	-19.75	-15.15	-78.43	62.85
51320	64.97	-12.78	-10.50	237.74	-54.05	-48.66	-12.24	-81.22	38.89
51321	65.35	-12.03	-10.50	256.11	-45.44	-77.62	-8.20	-84.11	14.23
51322	63.71	-12.66	-10.50	226.84	-52.40	-59.68	-14.40	-106.36	54.01
51323	64.17	-12.13	-10.50	243.02	-47.45	-79.87	-10.89	-105.14	33.67
51324	64.64	-11.61	-10.50	258.15	-40.55	-99.43	-6.71	-103.57	12.97
51325	79.07	-1.65	-11.67	612.55	421.46	-564.67	103.49	1.91	-189.12
51326	80.30	-1.65	-11.67	607.09	422.97	-565.10	109.91	12.05	-188.82
51327	81.53	-1.65	-11.67	598.49	423.60	-565.49	116.64	21.43	-186.97
51328	82.76	-1.65	-11.67	586.93	423.40	-566.03	123.48	30.08	-183.56
51329	84.00	-1.65	-11.67	572.62	422.38	-567.00	130.25	38.12	-178.61
51330	85.23	-1.65	-11.67	555.82	420.58	-568.76	136.82	45.89	-172.13
51331	86.46	-1.65	-11.67	536.73	417.97	-571.70	143.07	53.86	-164.13
51332	87.70	-1.65	-11.67	515.58	414.56	-576.22	148.87	62.72	-154.60
51333	88.93	-1.65	-11.67	492.52	410.27	-582.60	154.13	73.34	-143.54
51334	90.16	-1.65	-11.67	467.56	405.04	-590.89	158.71	86.67	-130.91
51335	91.39	-1.65	-11.67	440.51	398.79	-600.63	162.40	103.54	-116.64
51336	92.63	-1.65	-11.67	410.87	391.47	-610.69	164.91	124.37	-100.65
51337	93.86	-1.65	-11.67	377.80	383.11	-619.17	165.85	148.73	-82.83
51338	95.09	-1.65	-11.67	340.35	373.81	-623.65	164.72	174.89	-63.13
51339	96.32	-1.65	-11.67	297.92	363.76	-621.80	160.80	199.63	-41.53
51340	97.56	-1.65	-11.67	250.89	353.24	-612.17	153.35	218.55	-18.01
51341	79.07	-0.55	-11.67	639.17	485.64	-619.63	105.14	2.74	-185.95
51342	80.30	-0.55	-11.67	633.99	486.55	-620.13	110.89	14.30	-185.65
51343	81.54	-0.55	-11.67	625.33	486.37	-620.60	116.98	25.12	-183.80
51344	82.78	-0.55	-11.67	613.40	485.10	-621.27	123.23	35.19	-180.39
51345	84.01	-0.55	-11.67	598.43	482.78	-622.44	129.45	44.69	-175.40
51346	85.25	-0.55	-11.67	580.70	479.42	-624.50	135.51	53.90	-168.83
51347	86.49	-0.55	-11.67	560.46	475.04	-627.84	141.28	63.35	-160.64
51348	87.72	-0.55	-11.67	537.94	469.64	-632.89	146.63	73.75	-150.80
51349	88.96	-0.55	-11.67	513.29	463.20	-639.92	151.43	85.98	-139.25
51350	90.20	-0.55	-11.67	486.54	455.72	-648.90	155.52	101.01	-125.90
51351	91.43	-0.55	-11.67	457.44	447.18	-659.27	158.65	119.70	-110.67
51352	92.67	-0.55	-11.67	425.43	437.59	-669.74	160.50	142.46	-93.46
51353	93.91	-0.55	-11.67	389.64	426.98	-678.16	160.65	168.72	-74.24
51354	95.14	-0.55	-11.67	349.10	415.41	-681.89	158.58	196.56	-53.09
51355	96.38	-0.55	-11.67	303.31	402.96	-678.45	153.57	222.41	-30.24
51356	97.62	-0.55	-11.67	252.92	389.78	-666.41	144.88	241.50	-5.91
51357	79.07	0.55	-11.67	664.54	550.05	-676.13	105.92	3.55	-182.21
51358	80.30	0.55	-11.67	659.71	550.36	-676.72	110.90	16.49	-181.91
51359	81.54	0.55	-11.67	651.08	549.34	-677.34	116.24	28.71	-180.05
51360	82.78	0.55	-11.67	638.88	547.01	-678.21	121.77	40.23	-176.60
51361	84.01	0.55	-11.67	623.37	543.38	-679.66	127.31	51.19	-171.54
51362	85.25	0.55	-11.67	604.85	538.49	-682.09	132.73	61.91	-164.80
51363	86.49	0.55	-11.67	583.58	532.34	-685.93	137.89	72.91	-156.34
51364	87.72	0.55	-11.67	559.82	524.97	-691.57	142.68	84.92	-146.06
51365	88.96	0.55	-11.67	533.73	516.41	-699.26	146.94	98.84	-133.87
51366	90.20	0.55	-11.67	505.30	506.71	-708.92	150.50	115.65	-119.67
51367	91.43	0.55	-11.67	474.26	495.91	-719.86	153.06	136.19	-103.36
51368	92.67	0.55	-11.67	440.01	484.06	-730.60	154.27	160.82	-84.87
51369	93.91	0.55	-11.67	401.63	471.20	-738.81	153.64	188.86	-64.27
51370	95.14	0.55	-11.67	358.20	457.33	-741.63	150.61	218.15	-41.81
51371	96.38	0.55	-11.67	309.31	442.42	-736.48	144.43	244.88	-17.92
51372	97.62	0.55	-11.67	255.85	426.52	-721.97	134.45	263.96	6.91
51373	79.07	1.65	-11.67	688.59	611.49	-731.22	105.86	4.34	-177.67
51374	80.30	1.65	-11.67	684.15	611.20	-731.94	109.96	18.62	-177.34
51375	81.53	1.65	-11.67	675.63	609.36	-732.74	114.44	32.22	-175.45
51376	82.76	1.65	-11.67	663.26	605.98	-733.89	119.12	45.18	-171.93
51377	84.00	1.65	-11.67	647.33	601.09	-735.72	123.86	57.64	-166.72
51378	85.23	1.65	-11.67	628.15	594.69	-738.62	128.51	69.93	-159.73
51379	86.46	1.65	-11.67	606.01	586.82	-743.04	132.95	82.56	-150.87
51380	87.70	1.65	-11.67	581.17	577.52	-749.34	137.07	96.27	-140.02
51381	88.93	1.65	-11.67	553.80	566.88	-757.72	140.72	111.95	-127.04



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]
51382	90.16	1.65	-11.67	523.85	554.99	-768.02	143.70	130.57	-111.84
51383	91.39	1.65	-11.67	491.03	541.96	-779.40	145.70	152.95	-94.34
51384	92.63	1.65	-11.67	454.70	527.88	-790.24	146.27	179.33	-74.54
51385	93.86	1.65	-11.67	413.94	512.78	-798.01	144.87	208.94	-52.61
51386	95.09	1.65	-11.67	367.86	496.64	-799.74	140.86	239.43	-29.01
51387	96.32	1.65	-11.67	316.18	479.33	-792.78	133.50	266.77	-4.37
51388	97.56	1.65	-11.67	260.00	460.76	-775.91	122.22	285.70	20.63
51389	79.07	-1.65	-13.00	726.15	507.37	-552.15	122.74	1.16	-91.11
51390	80.30	-1.65	-13.00	721.80	509.56	-553.27	132.92	7.12	-91.03
51391	81.53	-1.65	-13.00	714.39	511.01	-554.38	143.59	12.57	-89.93
51392	82.76	-1.65	-13.00	704.11	511.77	-555.56	154.48	17.53	-87.82
51393	84.00	-1.65	-13.00	691.13	511.88	-556.94	165.36	22.15	-84.69
51394	85.23	-1.65	-13.00	675.57	511.35	-558.67	176.01	26.68	-80.54
51395	86.46	-1.65	-13.00	657.44	510.14	-560.92	186.23	31.52	-75.36
51396	87.70	-1.65	-13.00	636.61	508.14	-563.89	195.82	37.24	-69.12
51397	88.93	-1.65	-13.00	612.76	505.17	-567.68	204.56	44.50	-61.78
51398	90.16	-1.65	-13.00	585.38	500.97	-572.31	212.18	54.00	-53.31
51399	91.39	-1.65	-13.00	553.73	495.19	-577.56	218.32	66.29	-43.64
51400	92.63	-1.65	-13.00	516.91	487.53	-582.90	222.53	81.56	-32.69
51401	93.86	-1.65	-13.00	474.02	477.74	-587.53	224.28	99.31	-20.44
51402	95.09	-1.65	-13.00	424.48	465.70	-590.45	223.03	118.17	-6.97
51403	96.32	-1.65	-13.00	368.45	451.48	-590.73	218.20	135.82	7.17
51404	97.56	-1.65	-13.00	307.09	435.66	-588.04	208.15	149.31	21.71
51405	79.07	-0.55	-13.00	759.92	592.29	-605.54	124.77	1.48	-87.98
51406	80.30	-0.55	-13.00	756.04	593.78	-606.70	134.39	8.36	-87.89
51407	81.54	-0.55	-13.00	748.70	594.28	-607.85	144.52	14.72	-86.80
51408	82.78	-0.55	-13.00	738.10	593.81	-609.10	154.91	20.62	-84.68
51409	84.01	-0.55	-13.00	724.45	592.39	-610.58	165.32	26.18	-81.53
51410	85.25	-0.55	-13.00	707.86	590.03	-612.45	175.51	31.69	-77.31
51411	86.49	-0.55	-13.00	688.36	586.67	-614.92	185.26	37.56	-71.99
51412	87.72	-0.55	-13.00	665.82	582.24	-618.14	194.34	44.35	-65.50
51413	88.96	-0.55	-13.00	639.90	576.58	-622.25	202.49	52.77	-57.78
51414	90.20	-0.55	-13.00	610.03	569.47	-627.22	209.38	63.53	-48.76
51415	91.43	-0.55	-13.00	575.43	560.64	-632.77	214.63	77.18	-38.34
51416	92.67	-0.55	-13.00	535.15	549.82	-638.30	217.74	93.86	-26.47
51417	93.91	-0.55	-13.00	488.30	536.77	-642.91	218.21	112.99	-13.16
51418	95.14	-0.55	-13.00	434.37	521.35	-645.48	215.53	133.02	1.37
51419	96.38	-0.55	-13.00	373.71	503.59	-644.98	209.15	151.40	16.41
51420	97.62	-0.55	-13.00	307.78	483.73	-641.02	197.55	164.99	31.50
51421	79.07	0.55	-13.00	791.84	674.22	-661.88	125.78	1.86	-86.28
51422	80.30	0.55	-13.00	788.49	675.01	-663.08	134.69	9.62	-86.19
51423	81.54	0.55	-13.00	781.29	674.53	-664.30	144.14	16.90	-85.08
51424	82.78	0.55	-13.00	770.48	672.81	-665.64	153.86	23.73	-82.93
51425	84.01	0.55	-13.00	756.24	669.85	-667.26	163.61	30.27	-79.70
51426	85.25	0.55	-13.00	738.73	665.64	-669.32	173.15	36.80	-75.34
51427	86.49	0.55	-13.00	717.96	660.13	-672.02	182.25	43.74	-69.77
51428	87.72	0.55	-13.00	693.79	653.24	-675.53	190.64	51.69	-62.91
51429	88.96	0.55	-13.00	665.87	644.85	-679.96	198.05	61.34	-54.67
51430	90.20	0.55	-13.00	633.59	634.79	-685.24	204.11	73.40	-44.95
51431	91.43	0.55	-13.00	596.14	622.85	-691.05	208.39	88.42	-33.67
51432	92.67	0.55	-13.00	552.54	608.80	-696.72	210.38	106.48	-20.80
51433	93.91	0.55	-13.00	501.94	592.41	-701.23	209.56	126.88	-6.46
51434	95.14	0.55	-13.00	443.94	573.51	-703.37	205.40	147.90	9.04
51435	96.38	0.55	-13.00	379.02	552.11	-701.99	197.42	166.78	24.82
51436	97.62	0.55	-13.00	308.95	528.34	-696.60	184.19	180.27	40.28
51437	79.07	1.65	-13.00	823.47	757.82	-715.01	125.90	2.28	-86.19
51438	80.30	1.65	-13.00	820.68	757.87	-716.26	133.98	10.91	-86.08
51439	81.53	1.65	-13.00	813.69	756.41	-717.56	142.59	19.10	-84.93
51440	82.76	1.65	-13.00	802.73	753.43	-719.03	151.48	26.89	-82.69
51441	84.00	1.65	-13.00	788.01	748.91	-720.82	160.40	34.44	-79.32
51442	85.23	1.65	-13.00	769.65	742.82	-723.10	169.10	42.04	-74.71
51443	86.46	1.65	-13.00	747.70	735.11	-726.07	177.35	50.13	-68.78
51444	87.70	1.65	-13.00	722.01	725.71	-729.89	184.87	59.30	-61.42
51445	88.93	1.65	-13.00	692.20	714.52	-734.64	191.38	70.23	-52.51
51446	90.16	1.65	-13.00	657.65	701.43	-740.22	196.50	83.63	-41.95
51447	91.39	1.65	-13.00	617.51	686.30	-746.24	199.77	99.99	-29.71
51448	92.63	1.65	-13.00	570.80	668.94	-751.95	200.63	119.32	-15.81
51449	93.86	1.65	-13.00	516.72	649.16	-756.25	198.50	140.83	-0.47
51450	95.09	1.65	-13.00	454.98	626.77	-757.88	192.87	162.64	15.86
51451	96.32	1.65	-13.00	386.22	601.80	-755.62	183.29	181.88	32.18
51452	97.56	1.65	-13.00	312.44	573.98	-748.98	168.37	195.25	47.80
51453	79.07	-1.65	-14.33	851.92	619.47	-549.42	142.60	1.85	36.67
51454	80.30	-1.65	-14.33	848.16	622.31	-550.94	157.75	3.80	36.66
51455	81.53	-1.65	-14.33	841.44	624.54	-552.45	173.58	5.55	37.02
51456	82.76	-1.65	-14.33	832.03	626.24	-553.98	189.74	7.10	37.73
51457	84.00	-1.65	-14.33	820.17	627.47	-555.55	205.94	8.51	38.81
51458	85.23	-1.65	-14.33	805.97	628.28	-557.20	221.89	9.89	40.25
51459	86.46	-1.65	-14.33	789.32	628.60	-558.95	237.30	11.41	42.07
51460	87.70	-1.65	-14.33	769.84	628.29	-560.87	251.88	13.31	44.28
51461	88.93	-1.65	-14.33	746.79	627.05	-562.97	265.30	15.88	46.90
51462	90.16	-1.65	-14.33	718.98	624.43	-565.25	277.15	19.42	49.96
51463	91.39	-1.65	-14.33	684.89	619.85	-567.67	286.91	24.20	53.50
51464	92.63	-1.65	-14.33	642.75	612.67	-570.12	293.96	30.28	57.55
51465	93.86	-1.65	-14.33	590.90	602.28	-572.42	297.63	37.50	62.13
51466	95.09	-1.65	-14.33	528.29	588.22	-574.36	297.28	45.28	67.18
51467	96.32	-1.65	-14.33	455.01	570.17	-575.81	292.65	52.80	72.44
51468	97.56	-1.65	-14.33	373.37	546.84	-576.54	284.64	58.55	74.14
51469	79.07	-0.55	-14.33	891.62	708.38	-600.83	144.77	1.67	30.99
51470	80.30	-0.55	-14.33	888.54	710.45	-602.37	159.45	3.95	30.99
51471	81.54	-0.55	-14.33	882.03	711.63	-603.90	174.84	6.02	31.34
51472	82.78	-0.55	-14.33	872.39	711.99	-605.45	190.61	7.90	32.05
51473	84.01	-0.55	-14.33	859.86	711.57	-607.05	206.45	9.65	33.13
51474	85.25	-0.55	-14.33	844.55	710.38	-608.74	222.04	11.38	34.60
51475	86.49	-0.55	-14.33	826.36	708.35	-610.56	237.07	13.28	36.47
51476	87.72	-0.55	-14.33	804.86	705.34	-612.55	251.19	15.58	38.78
51477	88.96	-0.55	-14.33	779.26	701.05	-614.73	263.99	18.60	41.55
51478	90.20	-0.55	-14.33	748.30	695.07	-617.10	275.00	22.64	44.84
51479	91.43	-0.55	-14.33	710.35	686.83	-619.61	283.65	27.97	48.69
51480	92.67	-0.55	-14.33	663.57	675.71	-622.12	289.27	34.64	53.13

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]
51481	93.91	-0.55	-14.33	606.32	661.07	-624.44	291.17	42.44	58.15
51482	95.14	-0.55	-14.33	537.64	642.44	-626.32	288.81	50.72	63.64
51483	96.38	-0.55	-14.33	457.95	619.48	-627.60	281.91	58.49	69.24
51484	97.62	-0.55	-14.33	369.75	592.11	-627.85	271.03	64.22	71.67
51485	79.07	0.55	-14.33	930.47	798.36	-652.97	145.98	1.75	31.51
51486	80.30	0.55	-14.33	928.14	799.63	-654.51	160.03	4.34	31.51
51487	81.54	0.55	-14.33	921.94	799.74	-656.06	174.82	6.73	31.86
51488	82.78	0.55	-14.33	912.16	798.73	-657.64	190.01	8.94	32.59
51489	84.01	0.55	-14.33	899.05	796.62	-659.28	205.27	11.04	33.70
51490	85.25	0.55	-14.33	882.71	793.39	-661.01	220.28	13.15	35.22
51491	86.49	0.55	-14.33	863.03	788.97	-662.88	234.68	15.44	37.19
51492	87.72	0.55	-14.33	839.55	783.18	-664.93	248.09	18.18	39.65
51493	88.96	0.55	-14.33	811.42	775.75	-667.19	260.07	21.68	42.64
51494	90.20	0.55	-14.33	777.32	766.27	-669.63	270.06	26.24	46.22
51495	91.43	0.55	-14.33	735.55	754.21	-672.20	277.44	32.13	50.43
51496	92.67	0.55	-14.33	684.25	738.95	-674.75	281.49	39.38	55.29
51497	93.91	0.55	-14.33	621.81	719.85	-677.05	281.53	47.71	60.77
51498	95.14	0.55	-14.33	547.46	696.42	-678.83	277.02	56.41	66.68
51499	96.38	0.55	-14.33	461.93	668.59	-679.86	267.80	64.28	72.59
51500	97.62	0.55	-14.33	367.72	637.00	-679.58	254.55	69.85	75.19
51501	79.07	1.65	-14.33	968.25	886.68	-704.37	146.03	2.08	38.29
51502	80.30	1.65	-14.33	966.71	887.13	-705.93	159.32	4.97	38.30
51503	81.53	1.65	-14.33	960.86	886.16	-707.50	173.34	7.68	38.67
51504	82.76	1.65	-14.33	951.01	883.76	-709.10	187.75	10.24	39.42
51505	84.00	1.65	-14.33	937.39	879.92	-710.78	202.22	12.71	40.59
51506	85.23	1.65	-14.33	920.09	874.60	-712.57	216.41	15.21	42.21
51507	86.46	1.65	-14.33	898.98	867.69	-714.51	229.94	17.93	44.33
51508	87.70	1.65	-14.33	873.56	859.00	-716.64	242.40	21.14	47.00
51509	88.93	1.65	-14.33	842.94	848.26	-718.97	253.32	25.15	50.28
51510	90.16	1.65	-14.33	805.75	835.10	-721.50	262.09	30.25	54.22
51511	91.39	1.65	-14.33	760.27	819.01	-724.13	268.05	36.68	58.84
51512	92.63	1.65	-14.33	704.63	799.42	-726.70	270.44	44.46	64.15
51513	93.86	1.65	-14.33	637.31	775.71	-728.97	268.54	53.26	70.05
51514	95.09	1.65	-14.33	557.72	747.41	-730.65	261.81	62.30	76.34
51515	96.32	1.65	-14.33	466.90	714.51	-731.47	250.27	70.25	82.56
51516	97.56	1.65	-14.33	367.41	678.87	-730.67	235.23	75.65	84.72
51517	101.97	-1.65	-11.67	6.27	288.80	-510.31	32.68	53.88	157.64
51518	102.02	-0.55	-11.67	4.69	307.03	-548.04	21.36	50.80	161.53
51519	102.02	0.55	-11.67	4.30	326.39	-587.30	9.45	47.90	163.38
51520	101.97	1.65	-11.67	4.93	344.32	-623.35	-2.34	47.77	164.97
51521	101.12	-1.65	-11.67	31.32	302.82	-501.97	63.74	124.94	119.91
51522	101.18	-0.55	-11.67	28.26	323.92	-542.00	51.65	129.82	126.68
51523	101.18	0.55	-11.67	26.48	344.46	-583.38	38.00	135.23	132.04
51524	101.12	1.65	-11.67	25.32	361.15	-623.33	22.09	141.09	135.44
51525	100.28	-1.65	-11.67	76.29	315.33	-526.85	93.22	180.10	82.09
51526	100.34	-0.55	-11.67	72.44	340.18	-570.20	81.05	192.32	91.27
51527	100.34	0.55	-11.67	69.45	364.74	-614.81	66.88	204.53	99.61
51528	100.28	1.65	-11.67	67.46	387.28	-658.07	51.11	216.48	107.11
51529	99.44	-1.65	-11.67	132.33	328.03	-560.47	119.42	215.15	45.39
51530	99.50	-0.55	-11.67	129.02	357.21	-607.53	108.09	233.06	56.50
51531	99.50	0.55	-11.67	126.70	386.35	-655.80	94.84	250.65	67.43
51532	99.44	1.65	-11.67	125.81	413.22	-702.70	79.97	267.73	78.29
51533	98.59	-1.65	-11.67	194.42	341.24	-591.45	140.16	226.68	10.82
51534	98.65	-0.55	-11.67	193.32	374.47	-642.37	130.24	248.23	22.98
51535	98.65	0.55	-11.67	193.27	407.74	-694.56	118.39	269.28	35.48
51536	98.59	1.65	-11.67	194.71	438.64	-745.27	104.80	289.64	48.46
51537	101.97	-1.65	-13.00	7.41	341.17	-559.00	40.04	29.43	151.97
51538	102.02	-0.55	-13.00	5.35	363.42	-604.21	26.38	25.81	156.73
51539	102.02	0.55	-13.00	3.96	381.89	-652.58	12.45	22.94	158.06
51540	101.97	1.65	-13.00	4.40	403.52	-695.68	-1.01	22.49	156.63
51541	101.12	-1.65	-13.00	36.98	359.52	-543.16	80.08	76.11	117.68
51542	101.18	-0.55	-13.00	31.92	384.16	-589.62	65.82	79.04	123.67
51543	101.18	0.55	-13.00	27.71	404.94	-638.54	49.61	82.91	127.09
51544	101.12	1.65	-13.00	24.87	424.28	-684.50	30.49	87.08	127.04
51545	100.28	-1.65	-13.00	89.35	376.24	-553.81	123.48	118.57	87.10
51546	100.34	-0.55	-13.00	82.52	406.75	-601.78	108.73	127.10	94.74
51547	100.34	0.55	-13.00	76.09	433.68	-652.07	91.45	135.78	100.26
51548	100.28	1.65	-13.00	71.58	461.67	-699.59	72.16	144.38	103.40
51549	99.44	-1.65	-13.00	157.21	395.97	-568.47	160.10	145.70	61.83
51550	99.50	-0.55	-13.00	150.99	432.71	-618.01	146.16	158.20	70.78
51551	99.50	0.55	-13.00	145.37	466.35	-669.83	129.66	170.52	78.20
51552	99.44	1.65	-13.00	142.23	500.67	-718.86	111.06	182.62	83.85
51553	98.59	-1.65	-13.00	235.07	416.93	-580.78	189.56	154.75	39.40
51554	98.65	-0.55	-13.00	231.63	459.81	-632.08	177.23	169.62	49.16
51555	98.65	0.55	-13.00	228.88	499.50	-685.76	162.22	184.10	57.70
51556	98.59	1.65	-13.00	228.73	539.97	-736.49	144.90	198.29	64.81
51557	101.97	-1.65	-14.33	2.41	434.11	-579.91	24.64	5.89	146.04
51558	102.02	-0.55	-14.33	-4.46	433.77	-629.80	12.49	3.35	139.40
51559	102.02	0.55	-14.33	-8.56	435.46	-679.65	-3.90	1.48	139.89
51560	101.97	1.65	-14.33	-13.34	432.60	-728.62	-25.04	1.64	147.85
51561	101.12	-1.65	-14.33	24.40	436.64	-572.96	109.35	24.62	99.32
51562	101.18	-0.55	-14.33	10.12	451.93	-622.66	91.82	26.03	97.05
51563	101.18	0.55	-14.33	-2.47	463.11	-672.93	71.69	28.24	98.38
51564	101.12	1.65	-14.33	-13.88	471.30	-722.45	47.37	30.49	102.63
51565	100.28	-1.65	-14.33	80.78	458.70	-574.30	169.06	45.73	89.35
51566	100.34	-0.55	-14.33	65.12	481.26	-624.28	150.39	48.98	87.25
51567	100.34	0.55	-14.33	50.86	502.73	-674.60	128.45	52.51	89.48
51568	100.28	1.65	-14.33	38.12	521.58	-724.42	103.34	56.23	96.00
51569	99.44	-1.65	-14.33	169.08	486.83	-576.25	217.62	57.55	78.94
51570	99.50	-0.55	-14.33	155.09	518.57	-626.52	200.08	62.42	77.53
51571	99.50	0.55	-14.33	142.70	549.33	-677.21	179.04	67.38	80.56
51572	99.44	1.65	-14.33	132.52	577.69	-727.27	154.75	72.48	88.00
51573	98.59	-1.65	-14.33	274.80	517.69	-576.96	259.93	61.30	73.54
51574	98.65	-0.55	-14.33	265.27	557.74	-627.63	244.01	66.91	72.11
51575	98.65	0.55	-14.33	257.43	596.91	-678.76	225.09	72.47	75.60
51576	98.59	1.65	-14.33	251.93	633.60	-729.19	203.30	78.19	84.00
51577	77.83	-1.65	-11.67	614.70	419.06	-564.07	97.59	-8.95	-187.86
51578	77.83	-0.55	-11.67	640.70	483.61	-618.98	99.93	-9.51	-184.71
51579	77.83	0.55	-11.67	665.41	548.41	-675.42	101.51	-10.03	-180.98

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]
51580	77.83	1.65	-11.67	688.79	610.26	-730.44	102.32	-10.52	-176.45
51581	76.60	-1.65	-11.67	613.44	415.74	-563.24	92.44	-20.42	-185.06
51582	76.60	-0.55	-11.67	638.47	480.45	-618.11	95.51	-22.31	-181.95
51583	76.60	0.55	-11.67	662.21	545.46	-674.52	97.88	-24.11	-178.26
51584	76.60	1.65	-11.67	684.62	607.52	-729.52	99.54	-25.82	-173.74
51585	75.37	-1.65	-11.67	608.72	411.52	-562.19	88.27	-32.39	-180.75
51586	75.36	-0.55	-11.67	632.44	476.20	-617.03	92.08	-35.55	-177.72
51587	75.36	0.55	-11.67	654.89	541.22	-673.44	95.24	-38.54	-174.07
51588	75.37	1.65	-11.67	676.07	603.31	-728.48	97.72	-41.41	-169.55
51589	74.14	-1.65	-11.67	600.51	406.39	-561.01	85.31	-44.77	-175.01
51590	74.12	-0.55	-11.67	622.61	470.86	-615.83	89.88	-49.10	-172.06
51591	74.12	0.55	-11.67	643.47	535.72	-672.27	93.80	-53.20	-168.46
51592	74.14	1.65	-11.67	663.15	597.70	-727.39	97.05	-57.14	-163.93
51593	72.90	-1.65	-11.67	588.86	400.37	-559.81	83.80	-57.54	-167.91
51594	72.89	-0.55	-11.67	609.03	464.48	-614.62	89.12	-62.90	-165.07
51595	72.89	0.55	-11.67	628.03	529.05	-671.12	93.79	-68.00	-161.50
51596	72.90	1.65	-11.67	645.97	590.76	-726.38	97.75	-72.90	-156.93
51597	71.67	-1.65	-11.67	573.84	393.48	-558.74	83.94	-70.72	-159.58
51598	71.65	-0.55	-11.67	591.80	457.11	-613.57	90.03	-76.96	-156.84
51599	71.65	0.55	-11.67	608.69	521.28	-670.17	95.40	-82.91	-153.28
51600	71.67	1.65	-11.67	624.67	582.62	-725.61	99.98	-88.66	-148.60
51601	70.44	-1.65	-11.67	555.57	385.73	-557.96	85.97	-84.42	-150.19
51602	70.41	-0.55	-11.67	571.07	448.83	-612.84	92.84	-91.36	-147.54
51603	70.41	0.55	-11.67	585.61	512.53	-669.55	98.85	-97.98	-143.92
51604	70.44	1.65	-11.67	599.44	573.44	-725.20	103.95	-104.42	-139.03
51605	69.20	-1.65	-11.67	534.18	377.14	-557.63	90.10	-98.81	-139.98
51606	69.18	-0.55	-11.67	546.99	439.70	-612.55	97.76	-106.21	-137.36
51607	69.18	0.55	-11.67	558.96	502.95	-669.38	104.37	-113.28	-133.61
51608	69.20	1.65	-11.67	570.44	563.42	-725.25	109.86	-120.22	-128.39
51609	67.97	-1.65	-11.67	509.84	367.68	-557.80	96.58	-114.11	-129.24
51610	67.94	-0.55	-11.67	519.71	429.80	-612.75	105.08	-121.69	-126.60
51611	67.94	0.55	-11.67	528.90	492.70	-669.67	112.22	-128.94	-122.59
51612	67.97	1.65	-11.67	537.84	552.81	-725.71	117.94	-136.11	-116.89
51613	66.74	-1.65	-11.67	482.73	357.32	-558.39	105.71	-130.50	-118.39
51614	66.70	-0.55	-11.67	489.42	419.21	-613.31	115.10	-137.91	-115.61
51615	66.70	0.55	-11.67	495.56	481.98	-670.22	122.72	-145.00	-111.22
51616	66.74	1.65	-11.67	501.74	541.93	-726.33	128.51	-152.08	-104.87
51617	65.51	-1.65	-11.67	453.01	346.00	-559.10	117.82	-148.03	-107.92
51618	65.47	-0.55	-11.67	456.21	408.02	-613.86	128.21	-154.87	-104.89
51619	65.47	0.55	-11.67	459.02	471.01	-670.62	136.25	-161.38	-99.98
51620	65.51	1.65	-11.67	462.19	531.12	-726.59	141.94	-167.93	-92.80
51621	64.27	-1.65	-11.67	420.81	333.71	-559.32	133.34	-166.48	-98.44
51622	64.23	-0.55	-11.67	420.18	396.33	-613.72	144.83	-172.24	-95.07
51623	64.23	0.55	-11.67	419.32	460.00	-670.09	153.27	-177.65	-89.50
51624	64.27	1.65	-11.67	419.19	520.69	-725.68	158.68	-183.16	-81.36
51625	63.04	-1.65	-11.67	386.25	320.48	-558.13	152.71	-185.16	-90.69
51626	62.99	-0.55	-11.67	381.40	384.23	-611.92	165.42	-189.24	-86.94
51627	62.99	0.55	-11.67	376.52	449.11	-667.62	174.26	-192.94	-80.64
51628	63.04	1.65	-11.67	372.76	510.90	-722.51	179.27	-196.75	-71.44
51629	61.81	-1.65	-11.67	349.63	306.40	-554.53	176.40	-202.77	-85.63
51630	61.76	-0.55	-11.67	340.15	371.84	-607.39	190.47	-204.46	-81.59
51631	61.76	0.55	-11.67	330.84	438.47	-662.09	199.72	-205.68	-74.58
51632	61.81	1.65	-11.67	323.12	501.89	-715.95	204.23	-207.07	-64.25
51633	60.58	-1.65	-11.67	311.66	291.72	-547.72	205.02	-217.34	-84.42
51634	60.52	-0.55	-11.67	297.11	359.25	-599.29	220.58	-215.84	-80.35
51635	60.52	0.55	-11.67	282.91	428.03	-652.58	230.29	-213.78	-72.74
51636	60.58	1.65	-11.67	270.84	493.56	-705.08	234.24	-211.96	-61.28
51637	59.34	-1.65	-11.67	273.90	276.83	-537.41	239.18	-226.51	-88.42
51638	59.28	-0.55	-11.67	253.74	346.57	-587.30	256.35	-220.98	-84.79
51639	59.28	0.55	-11.67	234.06	417.62	-638.77	266.59	-214.86	-76.83
51640	59.34	1.65	-11.67	217.08	485.45	-689.61	269.97	-209.09	-64.26
51641	77.83	-1.65	-13.00	727.24	504.39	-550.96	113.31	-5.30	-90.20
51642	77.83	-0.55	-13.00	760.14	589.76	-604.33	115.95	-5.87	-87.07
51643	77.83	0.55	-13.00	791.14	672.18	-660.64	117.68	-6.35	-85.39
51644	77.83	1.65	-13.00	821.85	756.26	-713.74	118.61	-6.76	-85.30
51645	76.60	-1.65	-13.00	724.89	500.59	-549.68	104.95	-12.21	-88.29
51646	76.60	-0.55	-13.00	756.50	586.18	-603.03	108.22	-13.64	-85.19
51647	76.60	0.55	-13.00	786.21	668.86	-659.34	110.67	-14.95	-83.52
51648	76.60	1.65	-13.00	815.64	753.21	-712.44	112.40	-16.15	-83.44
51649	75.37	-1.65	-13.00	718.97	495.94	-548.31	97.93	-19.50	-85.41
51650	75.36	-0.55	-13.00	748.88	581.53	-601.65	101.88	-21.75	-82.36
51651	75.36	0.55	-13.00	776.90	664.28	-657.97	105.05	-23.84	-80.71
51652	75.37	1.65	-13.00	804.69	748.70	-711.09	107.55	-25.80	-80.61
51653	74.14	-1.65	-13.00	709.36	490.40	-546.89	92.59	-27.12	-81.59
51654	74.12	-0.55	-13.00	737.16	575.82	-600.23	97.23	-30.15	-78.59
51655	74.12	0.55	-13.00	763.11	658.46	-656.57	101.11	-32.97	-76.96
51656	74.14	1.65	-13.00	788.93	742.77	-709.75	104.33	-35.65	-76.83
51657	72.90	-1.65	-13.00	695.97	483.97	-545.47	89.21	-35.09	-76.88
51658	72.89	-0.55	-13.00	721.27	569.05	-598.82	94.59	-38.81	-73.95
51659	72.89	0.55	-13.00	744.79	651.43	-655.21	99.17	-42.31	-72.33
51660	72.90	1.65	-13.00	768.29	735.47	-708.46	103.06	-45.65	-72.12
51661	71.67	-1.65	-13.00	678.72	476.60	-544.13	88.11	-43.45	-71.37
51662	71.65	-0.55	-13.00	701.14	561.24	-597.49	94.26	-47.78	-68.50
51663	71.65	0.55	-13.00	721.86	643.24	-653.94	99.53	-51.86	-66.85
51664	71.67	1.65	-13.00	742.73	726.89	-707.29	104.01	-55.80	-66.51
51665	70.44	-1.65	-13.00	657.53	468.25	-542.93	89.58	-52.31	-65.15
51666	70.41	-0.55	-13.00	676.72	552.38	-596.33	96.56	-57.13	-62.32
51667	70.41	0.55	-13.00	694.30	633.95	-652.85	102.50	-61.70	-60.60
51668	70.44	1.65	-13.00	712.22	717.13	-706.32	107.50	-66.14	-60.05
51669	69.20	-1.65	-13.00	632.33	458.81	-541.94	93.94	-61.84	-58.39
51670	69.18	-0.55	-13.00	647.93	542.45	-595.38	101.83	-67.00	-55.57
51671	69.18	0.55	-13.00	662.03	623.63	-651.97	108.43	-71.92	-53.69
51672	69.20	1.65	-13.00	676.70	706.35	-705.56	113.84	-76.75	-52.83
51673	67.97	-1.65	-13.00	603.04	448.15	-541.19	101.50	-72.20	-51.29
51674	67.94	-0.55	-13.00	614.69	531.44	-594.65	110.42	-77.53	-48.42
51675	67.94	0.55	-13.00	624.98	612.35	-651.31	117.67	-82.61	-46.30
51676	67.97	1.65	-13.00	636.10	694.72	-705.00	123.37	-87.66	-45.00
51677	66.74	-1.65	-13.00	569.57	436.04	-540.64	112.62	-83.57	-44.13
51678	66.70	-0.55	-13.00	576.92	519.27	-594.10	122.73	-88.81	-41.13

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]
51679	66.70	0.55	-13.00	583.06	600.22	-650.78	130.63	-93.83	-38.67
51680	66.74	1.65	-13.00	590.33	682.47	-704.51	136.47	-98.85	-36.80
51681	65.51	-1.65	-13.00	531.88	422.26	-540.15	127.68	-95.95	-37.28
51682	65.47	-0.55	-13.00	534.57	505.88	-593.55	139.15	-100.83	-34.05
51683	65.47	0.55	-13.00	536.19	587.31	-650.18	147.72	-105.48	-31.14
51684	65.51	1.65	-13.00	539.31	669.85	-703.86	153.55	-110.17	-28.59
51685	64.27	-1.65	-13.00	489.99	406.59	-539.45	147.07	-109.16	-31.17
51686	64.23	-0.55	-13.00	487.63	491.21	-592.70	160.11	-113.31	-27.65
51687	64.23	0.55	-13.00	484.41	573.71	-649.17	169.37	-117.20	-24.20
51688	64.27	1.65	-13.00	483.09	657.12	-702.68	175.03	-121.16	-20.88
51689	63.04	-1.65	-13.00	444.05	388.89	-538.19	171.14	-122.69	-26.41
51690	62.99	-0.55	-13.00	436.34	475.22	-591.15	185.90	-125.64	-22.57
51691	62.99	0.55	-13.00	427.98	559.50	-647.31	195.88	-128.29	-18.55
51692	63.04	1.65	-13.00	422.00	644.46	-700.50	201.27	-131.01	-14.38
51693	61.81	-1.65	-13.00	394.55	369.17	-536.01	200.04	-135.68	-23.86
51694	61.76	-0.55	-13.00	381.25	457.94	-588.48	216.65	-136.83	-19.79
51695	61.76	0.55	-13.00	367.59	544.72	-644.14	227.37	-137.60	-15.20
51696	61.81	1.65	-13.00	356.81	631.99	-696.81	232.40	-138.49	-10.16
51697	60.58	-1.65	-13.00	342.54	347.59	-532.72	233.66	-146.92	-25.05
51698	60.52	-0.55	-13.00	323.55	439.45	-584.42	252.18	-145.53	-20.95
51699	60.52	0.55	-13.00	304.51	529.41	-639.22	263.66	-143.61	-15.89
51700	60.58	1.65	-13.00	288.88	619.72	-691.09	268.30	-141.93	-9.96
51701	59.34	-1.65	-13.00	289.67	324.92	-528.47	272.50	-155.07	-31.62
51702	59.28	-0.55	-13.00	265.12	419.99	-578.92	292.86	-150.23	-27.91
51703	59.28	0.55	-13.00	240.77	513.45	-632.28	305.13	-144.71	-22.58
51704	59.34	1.65	-13.00	220.36	607.00	-682.91	309.50	-139.61	-15.70
51705	77.83	-1.65	-14.33	852.44	615.92	-547.88	128.47	-0.31	37.02
51706	77.83	-0.55	-14.33	890.96	705.36	-599.29	131.16	-0.80	31.34
51707	77.83	0.55	-14.33	928.60	795.91	-651.42	133.01	-1.02	31.86
51708	77.83	1.65	-14.33	965.17	884.80	-702.82	133.80	-0.98	38.64
51709	76.60	-1.65	-14.33	849.44	611.59	-546.32	115.74	-2.64	37.72
51710	76.60	-0.55	-14.33	886.30	701.33	-597.72	119.00	-3.43	32.04
51711	76.60	0.55	-14.33	922.26	792.24	-649.85	121.49	-3.95	32.55
51712	76.60	1.65	-14.33	957.17	881.50	-701.25	123.01	-4.19	39.32
51713	75.37	-1.65	-14.33	842.70	606.43	-544.75	104.79	-5.11	38.77
51714	75.36	-0.55	-14.33	877.39	696.28	-596.13	108.66	-6.21	33.07
51715	75.36	0.55	-14.33	911.20	787.34	-648.27	111.81	-7.01	33.57
51716	75.37	1.65	-14.33	944.02	876.77	-699.68	114.02	-7.52	40.35
51717	74.14	-1.65	-14.33	832.03	600.39	-543.16	96.03	-7.73	40.15
51718	74.12	-0.55	-14.33	864.04	690.16	-594.54	100.56	-9.10	34.42
51719	74.12	0.55	-14.33	895.22	781.22	-646.69	104.36	-10.16	34.92
51720	74.14	1.65	-14.33	925.51	870.65	-698.11	107.22	-10.94	41.71
51721	72.90	-1.65	-14.33	817.23	593.43	-541.58	89.87	-10.48	41.85
51722	72.89	-0.55	-14.33	846.07	682.98	-592.96	95.11	-12.11	36.10
51723	72.89	0.55	-14.33	874.12	773.90	-645.12	99.56	-13.42	36.60
51724	72.90	1.65	-14.33	901.43	863.19	-696.56	103.01	-14.44	43.42
51725	71.67	-1.65	-14.33	798.13	585.45	-540.01	86.73	-13.40	43.84
51726	71.65	-0.55	-14.33	823.27	674.71	-591.39	92.74	-15.26	38.06
51727	71.65	0.55	-14.33	847.71	765.41	-643.57	97.83	-16.79	38.57
51728	71.67	1.65	-14.33	871.59	854.43	-695.03	101.80	-18.04	45.45
51729	70.44	-1.65	-14.33	774.49	576.37	-538.48	87.03	-16.54	46.09
51730	70.41	-0.55	-14.33	795.43	665.29	-589.86	93.91	-18.58	40.29
51731	70.41	0.55	-14.33	815.77	755.75	-642.06	99.66	-20.31	40.83
51732	70.44	1.65	-14.33	835.76	844.48	-693.55	104.06	-21.76	47.80
51733	69.20	-1.65	-14.33	746.02	565.98	-537.00	91.20	-19.97	48.52
51734	69.18	-0.55	-14.33	762.26	654.66	-588.38	99.10	-22.16	42.72
51735	69.18	0.55	-14.33	778.00	744.96	-640.60	105.51	-24.03	43.33
51736	69.20	1.65	-14.33	793.63	833.41	-692.12	110.25	-25.64	50.44
51737	67.97	-1.65	-14.33	712.36	554.04	-535.58	99.72	-23.79	51.09
51738	67.94	-0.55	-14.33	723.38	642.67	-586.96	108.80	-26.06	45.31
51739	67.94	0.55	-14.33	734.02	733.01	-639.20	115.92	-28.01	46.02
51740	67.97	1.65	-14.33	744.84	821.34	-690.74	120.90	-29.73	53.32
51741	66.74	-1.65	-14.33	673.08	540.18	-534.21	113.04	-28.07	53.67
51742	66.70	-0.55	-14.33	678.37	629.13	-585.58	123.56	-30.34	47.94
51743	66.70	0.55	-14.33	683.42	719.88	-637.83	131.44	-32.29	48.81
51744	66.74	1.65	-14.33	688.96	808.38	-689.38	136.55	-34.03	56.35
51745	65.51	-1.65	-14.33	627.75	523.97	-532.86	131.65	-32.85	56.13
51746	65.47	-0.55	-14.33	626.81	613.80	-584.21	143.88	-35.00	50.51
51747	65.47	0.55	-14.33	625.78	705.49	-636.45	152.62	-36.85	51.56
51748	65.51	1.65	-14.33	625.63	794.66	-687.99	157.75	-38.49	59.41
51749	64.27	-1.65	-14.33	576.01	504.98	-531.48	156.01	-38.06	58.31
51750	64.23	-0.55	-14.33	568.39	596.42	-582.78	170.25	-39.95	52.82
51751	64.23	0.55	-14.33	560.85	689.77	-634.98	179.94	-41.54	54.11
51752	64.27	1.65	-14.33	554.66	780.29	-686.48	184.98	-42.93	62.29
51753	63.04	-1.65	-14.33	517.74	482.83	-529.99	186.39	-43.51	59.96
51754	62.99	-0.55	-14.33	503.08	576.76	-581.20	202.92	-44.97	54.61
51755	62.99	0.55	-14.33	488.77	672.63	-633.35	213.67	-46.10	56.16
51756	63.04	1.65	-14.33	476.33	765.34	-684.77	218.55	-47.04	64.71
51757	61.81	-1.65	-14.33	453.18	457.32	-528.33	222.72	-48.90	60.71
51758	61.76	-0.55	-14.33	431.39	554.68	-579.40	241.72	-49.67	55.47
51759	61.76	0.55	-14.33	410.29	654.00	-631.44	253.62	-50.07	57.27
51760	61.81	1.65	-14.33	391.63	749.86	-682.72	258.32	-50.29	66.21
51761	60.58	-1.65	-14.33	383.09	428.33	-526.55	263.98	-53.96	59.88
51762	60.52	-0.55	-14.33	354.52	530.02	-577.39	285.60	-53.61	54.62
51763	60.52	0.55	-14.33	327.10	633.97	-629.17	298.73	-52.80	56.63
51764	60.58	1.65	-14.33	302.65	733.99	-680.22	303.23	-51.90	66.02
51765	59.34	-1.65	-14.33	309.32	394.72	-524.65	307.05	-58.12	53.06
51766	59.28	-0.55	-14.33	274.80	502.65	-574.90	331.74	-56.17	48.15
51767	59.28	0.55	-14.33	241.78	612.89	-626.12	346.14	-53.64	50.30
51768	59.34	1.65	-14.33	212.29	719.19	-676.57	350.11	-51.13	59.58
51769	54.93	-1.65	-11.67	212.83	251.83	-245.79	590.91	-171.66	-901.73
51770	55.78	-1.65	-11.67	196.08	232.80	-411.23	510.63	-178.90	-345.84
51771	56.62	-1.65	-11.67	187.96	233.86	-467.83	417.90	-190.06	-199.81
51772	57.46	-1.65	-11.67	202.36	244.78	-499.22	345.16	-214.13	-133.71
51773	58.31	-1.65	-11.67	235.02	260.67	-521.56	284.72	-227.02	-102.23
51774	54.88	-0.55	-11.67	110.38	272.81	-424.70	622.01	-90.81	-940.83
51775	55.72	-0.55	-11.67	120.09	287.15	-469.92	539.08	-136.04	-361.59
51776	56.56	-0.55	-11.67	135.05	300.92	-514.78	442.61	-165.31	-205.69
51777	57.40	-0.55	-11.67	164.59	316.66	-544.58	366.67	-196.95	-134.07

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]
51778	58.25	-0.55	-11.67	207.69	332.39	-569.24	303.79	-216.23	-99.84
51779	54.88	0.55	-11.67	4.15	294.89	-614.93	636.62	-5.81	-946.89
51780	55.72	0.55	-11.67	40.60	343.41	-532.25	554.26	-89.63	-357.07
51781	56.56	0.55	-11.67	79.83	370.27	-563.56	456.14	-139.47	-199.16
51782	57.40	0.55	-11.67	126.21	390.28	-591.13	378.59	-179.17	-126.77
51783	58.25	0.55	-11.67	180.63	405.44	-618.24	314.71	-204.93	-91.95
51784	54.93	1.65	-11.67	-96.96	314.17	-790.03	636.75	79.23	-920.27
51785	55.78	1.65	-11.67	-34.89	393.81	-589.76	557.57	-49.51	-330.52
51786	56.62	1.65	-11.67	29.78	437.23	-610.49	457.97	-116.21	-180.92
51787	57.46	1.65	-11.67	92.07	461.07	-637.27	380.93	-162.37	-111.64
51788	58.31	1.65	-11.67	156.90	475.57	-666.85	317.50	-194.13	-78.27
51789	54.93	-1.65	-13.00	2.08	217.60	-444.77	160.78	-14.14	-423.21
51790	55.78	-1.65	-13.00	84.57	244.91	-429.36	401.35	-115.47	-290.49
51791	56.62	-1.65	-13.00	132.18	253.67	-491.52	413.72	-141.55	-149.10
51792	57.46	-1.65	-13.00	176.26	273.49	-512.53	374.68	-154.76	-82.22
51793	58.31	-1.65	-13.00	232.30	299.54	-522.36	320.79	-158.62	-48.04
51794	54.88	-0.55	-13.00	0.27	298.14	-529.12	175.71	-7.57	-441.05
51795	55.72	-0.55	-13.00	47.06	326.98	-504.02	424.51	-76.86	-301.77
51796	56.56	-0.55	-13.00	91.25	348.76	-539.01	438.07	-114.05	-152.56
51797	57.40	-0.55	-13.00	140.33	372.62	-558.88	398.33	-137.09	-81.75
51798	58.25	-0.55	-13.00	202.09	397.53	-570.84	342.97	-148.67	-45.43
51799	54.88	0.55	-13.00	-1.53	376.30	-618.96	191.00	-1.35	-445.98
51800	55.72	0.55	-13.00	7.87	407.95	-583.61	442.97	-36.01	-301.83
51801	56.56	0.55	-13.00	48.64	443.26	-589.21	454.59	-85.63	-148.89
51802	57.40	0.55	-13.00	104.13	471.06	-607.65	412.76	-118.79	-76.97
51803	58.25	0.55	-13.00	172.08	494.36	-621.92	356.16	-138.02	-40.14
51804	54.93	1.65	-13.00	-6.81	451.04	-710.15	209.09	13.53	-442.64
51805	55.78	1.65	-13.00	-32.26	487.59	-656.86	457.45	3.27	-288.47
51806	56.62	1.65	-13.00	9.93	539.63	-636.16	461.78	-58.80	-138.32
51807	57.46	1.65	-13.00	72.32	569.54	-654.04	417.87	-101.32	-68.03
51808	58.31	1.65	-13.00	146.38	591.13	-670.53	360.45	-128.00	-32.25
51809	54.93	-1.65	-14.33	-15.10	266.86	-505.45	164.99	14.89	-57.27
51810	55.78	-1.65	-14.33	-15.92	255.68	-493.96	352.14	-25.08	-55.00
51811	56.62	-1.65	-14.33	44.80	278.93	-509.52	432.12	-57.26	-11.17
51812	57.46	-1.65	-14.33	130.53	314.31	-519.66	420.27	-62.34	19.58
51813	58.31	-1.65	-14.33	224.11	355.35	-522.53	363.80	-61.25	38.36
51814	54.88	-0.55	-14.33	-13.60	355.48	-560.26	173.61	10.33	-71.78
51815	55.72	-0.55	-14.33	-20.90	369.17	-550.90	373.85	-15.10	-64.31
51816	56.56	-0.55	-14.33	20.45	397.98	-560.00	459.16	-42.55	-17.74
51817	57.40	-0.55	-14.33	94.68	433.56	-568.10	447.77	-53.46	14.82
51818	58.25	-0.55	-14.33	186.31	470.21	-571.93	390.54	-56.94	34.05
51819	54.88	0.55	-14.33	-10.24	450.11	-616.39	190.82	5.90	-75.33
51820	55.72	0.55	-14.33	-25.13	483.64	-609.58	394.49	-4.30	-65.37
51821	56.56	0.55	-14.33	-3.64	520.07	-611.64	479.10	-27.25	-16.55
51822	57.40	0.55	-14.33	60.11	555.22	-617.54	465.40	-44.09	16.75
51823	58.25	0.55	-14.33	150.02	587.09	-622.37	406.36	-52.05	36.21
51824	54.93	1.65	-14.33	-8.97	544.35	-674.42	215.31	4.63	-67.36
51825	55.78	1.65	-14.33	-31.96	597.24	-666.70	413.66	7.65	-57.20
51826	56.62	1.65	-14.33	-26.18	640.84	-661.86	489.92	-12.39	-7.48
51827	57.46	1.65	-14.33	28.97	674.00	-666.08	472.51	-35.00	25.35
51828	58.31	1.65	-14.33	117.67	700.64	-671.92	411.03	-47.32	44.86
51829	101.90	2.50	-11.67	4.29	348.15	-648.65	-12.18	49.43	165.86
51830	101.82	3.10	-11.67	3.09	338.85	-665.71	-21.12	47.69	160.19
51831	101.05	2.50	-11.67	23.78	372.05	-652.44	7.88	144.11	137.79
51832	100.97	3.10	-11.67	22.63	381.14	-671.63	-2.17	144.23	141.12
51833	100.20	2.50	-11.67	66.28	402.66	-689.77	37.91	224.80	113.88
51834	100.13	3.10	-11.67	65.83	412.61	-710.99	27.89	229.42	119.60
51835	99.36	2.50	-11.67	125.78	431.77	-737.45	67.25	280.31	88.04
51836	99.28	3.10	-11.67	126.28	444.46	-761.04	57.69	288.50	96.22
51837	98.51	2.50	-11.67	196.74	460.42	-783.10	93.10	304.88	60.38
51838	98.43	3.10	-11.67	199.00	475.54	-809.13	84.40	315.15	70.13
51839	101.90	2.50	-13.00	3.62	408.83	-723.72	-11.81	22.68	150.57
51840	101.82	3.10	-13.00	1.17	390.82	-742.07	-22.23	18.49	144.46
51841	101.05	2.50	-13.00	22.31	437.52	-715.44	13.10	88.87	125.07
51842	100.97	3.10	-13.00	20.05	444.87	-734.45	0.78	88.51	127.24
51843	100.20	2.50	-13.00	69.03	481.13	-732.04	55.98	150.30	104.55
51844	100.13	3.10	-13.00	67.23	489.16	-752.59	43.50	153.53	108.47
51845	99.36	2.50	-13.00	141.05	524.80	-752.59	95.13	191.58	87.33
51846	99.28	3.10	-13.00	140.42	537.00	-774.09	83.09	197.45	93.19
51847	98.51	2.50	-13.00	230.26	568.99	-771.34	129.96	209.07	69.75
51848	98.43	3.10	-13.00	231.92	584.58	-793.59	118.85	216.45	76.83
51849	101.90	2.50	-14.33	-16.30	443.96	-761.98	-45.45	1.95	153.61
51850	101.82	3.10	-14.33	-13.60	470.38	-780.64	-58.68	-2.72	148.18
51851	101.05	2.50	-14.33	-19.80	493.10	-757.07	25.96	31.22	106.23
51852	100.97	3.10	-14.33	-20.34	529.37	-777.70	9.79	30.82	106.71
51853	100.20	2.50	-14.33	31.76	551.90	-759.34	81.91	59.08	102.19
51854	100.13	3.10	-14.33	31.15	592.63	-780.27	66.01	60.49	102.76
51855	99.36	2.50	-14.33	128.84	615.41	-762.39	133.90	76.49	94.92
51856	99.28	3.10	-14.33	130.41	661.04	-783.66	118.52	78.93	96.34
51857	98.51	2.50	-14.33	252.62	679.16	-764.36	184.52	82.98	92.10
51858	98.43	3.10	-14.33	258.05	732.09	-785.46	170.71	86.28	94.09
51859	97.48	2.50	-11.67	264.10	485.23	-816.18	111.67	302.02	33.47
51860	97.39	3.10	-11.67	267.92	502.30	-844.03	103.74	313.02	44.04
51861	96.25	2.50	-11.67	322.12	505.68	-834.81	123.90	283.29	8.68
51862	96.17	3.10	-11.67	326.98	524.03	-863.88	116.56	294.51	19.61
51863	95.02	2.50	-11.67	375.74	524.79	-843.20	132.16	255.62	-16.32
51864	94.95	3.10	-11.67	381.78	544.38	-873.33	125.43	266.75	-5.45
51865	93.79	2.50	-11.67	423.70	542.66	-842.45	136.92	224.40	-40.65
51866	93.73	3.10	-11.67	430.93	563.44	-873.38	130.70	235.16	-30.18
51867	92.57	2.50	-11.67	466.17	559.45	-835.17	138.92	193.74	-63.54
51868	92.50	3.10	-11.67	474.49	581.40	-866.56	133.10	203.90	-53.68
51869	91.34	2.50	-11.67	503.98	575.23	-824.39	138.83	166.09	-84.39
51870	91.28	3.10	-11.67	513.24	598.37	-855.93	133.35	175.46	-75.26
51871	90.11	2.50	-11.67	538.05	589.96	-812.73	137.29	142.34	-102.90
51872	90.06	3.10	-11.67	548.08	614.29	-844.14	132.14	150.78	-94.51
51873	88.88	2.50	-11.67	569.04	603.52	-801.97	134.79	122.30	-118.99
51874	88.84	3.10	-11.67	579.72	629.00	-833.06	130.02	129.74	-111.29
51875	87.66	2.50	-11.67	597.30	615.74	-793.02	131.68	105.20	-132.70
51876	87.62	3.10	-11.67	608.51	642.29	-823.71	127.31	111.61	-125.57

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]
51877	86.43	2.50	-11.67	622.87	626.49	-786.16	128.15	90.11	-144.11
51878	86.39	3.10	-11.67	634.51	654.01	-816.41	124.24	95.50	-137.44
51879	85.20	2.50	-11.67	645.59	635.65	-781.24	124.34	76.16	-153.38
51880	85.17	3.10	-11.67	657.57	664.03	-811.08	120.93	80.58	-147.05
51881	83.97	2.50	-11.67	665.20	643.17	-777.90	120.36	62.63	-160.64
51882	83.95	3.10	-11.67	677.41	672.29	-807.38	117.47	66.13	-154.54
51883	82.75	2.50	-11.67	681.38	649.01	-775.72	116.33	48.98	-166.02
51884	82.73	3.10	-11.67	693.71	678.75	-804.90	113.97	51.63	-160.08
51885	81.52	2.50	-11.67	693.81	653.16	-774.31	112.36	34.90	-169.65
51886	81.51	3.10	-11.67	706.16	683.41	-803.25	110.54	36.75	-163.80
51887	80.29	2.50	-11.67	702.21	655.61	-773.31	108.61	20.23	-171.60
51888	80.28	3.10	-11.67	714.44	686.26	-802.08	107.34	21.32	-165.81
51889	79.06	2.50	-11.67	706.34	656.36	-772.47	105.24	4.94	-171.95
51890	79.06	3.10	-11.67	718.34	687.32	-801.13	104.51	5.33	-166.19
51891	97.48	2.50	-13.00	316.76	607.22	-784.66	154.68	206.66	53.07
51892	97.39	3.10	-13.00	320.40	625.00	-807.29	144.41	214.46	60.80
51893	96.25	2.50	-13.00	393.09	637.99	-792.01	170.89	193.34	37.44
51894	96.17	3.10	-13.00	398.18	657.37	-815.01	161.33	201.13	45.48
51895	95.02	2.50	-13.00	464.55	665.62	-794.94	181.64	173.88	20.91
51896	94.95	3.10	-13.00	471.32	686.88	-818.41	172.85	181.57	29.00
51897	93.79	2.50	-13.00	528.95	690.63	-793.75	188.39	151.57	4.06
51898	93.73	3.10	-13.00	537.41	713.68	-817.59	180.32	159.04	11.91
51899	92.57	2.50	-13.00	585.53	713.03	-789.68	191.50	129.34	-12.00
51900	92.50	3.10	-13.00	595.59	737.92	-813.74	184.08	136.42	-4.59
51901	91.34	2.50	-13.00	634.48	732.99	-784.00	191.52	109.11	-26.71
51902	91.28	3.10	-13.00	645.99	759.76	-808.13	184.70	115.66	-19.88
51903	90.11	2.50	-13.00	676.58	750.68	-777.86	189.08	91.76	-39.78
51904	90.06	3.10	-13.00	689.35	779.32	-801.94	182.86	97.64	-33.58
51905	88.88	2.50	-13.00	712.79	766.20	-772.06	184.77	77.32	-51.09
51906	88.84	3.10	-13.00	726.62	796.63	-796.00	179.17	82.48	-45.49
51907	87.66	2.50	-13.00	743.97	779.63	-767.05	179.06	65.35	-60.65
51908	87.62	3.10	-13.00	758.71	811.69	-790.80	174.10	69.75	-55.56
51909	86.43	2.50	-13.00	770.78	791.03	-762.97	172.33	55.19	-68.52
51910	86.39	3.10	-13.00	786.24	824.53	-786.51	168.01	58.85	-63.86
51911	85.20	2.50	-13.00	793.58	800.47	-759.76	164.88	46.16	-74.82
51912	85.17	3.10	-13.00	809.59	835.21	-783.11	161.19	49.12	-70.48
51913	83.97	2.50	-13.00	812.52	808.03	-757.28	156.95	37.69	-79.68
51914	83.95	3.10	-13.00	828.92	843.80	-780.46	153.88	40.00	-75.58
51915	82.75	2.50	-13.00	827.58	813.76	-755.33	148.80	29.33	-83.24
51916	82.73	3.10	-13.00	844.17	850.39	-778.38	146.33	31.04	-79.30
51917	81.52	2.50	-13.00	838.61	817.72	-753.74	140.66	20.78	-85.58
51918	81.51	3.10	-13.00	855.23	855.04	-776.68	138.79	21.94	-81.75
51919	80.29	2.50	-13.00	845.41	819.94	-752.36	132.79	11.88	-86.79
51920	80.28	3.10	-13.00	861.88	857.79	-775.22	131.49	12.54	-83.03
51921	79.06	2.50	-13.00	847.75	820.45	-751.06	125.43	2.59	-86.94
51922	79.06	3.10	-13.00	863.92	858.69	-773.88	124.68	2.78	-83.22
51923	97.48	2.50	-14.33	372.13	730.91	-765.93	218.61	80.54	94.21
51924	97.39	3.10	-14.33	380.93	791.98	-786.51	206.22	83.90	96.63
51925	96.25	2.50	-14.33	475.38	770.56	-766.95	234.76	75.07	92.63
51926	96.17	3.10	-14.33	486.65	835.84	-787.44	223.36	78.13	95.21
51927	95.02	2.50	-14.33	570.05	807.60	-766.25	248.18	67.02	86.24
51928	94.95	3.10	-14.33	583.81	875.33	-786.90	238.00	69.98	88.79
51929	93.79	2.50	-14.33	653.42	839.72	-764.66	256.61	57.77	79.75
51930	93.73	3.10	-14.33	669.58	910.05	-785.43	247.55	60.64	82.18
51931	92.57	2.50	-14.33	724.30	867.13	-762.43	260.04	48.67	73.56
51932	92.50	3.10	-14.33	742.74	940.03	-783.30	252.02	51.37	75.79
51933	91.34	2.50	-14.33	783.14	890.25	-759.86	258.99	40.51	67.93
51934	91.28	3.10	-14.33	803.68	965.70	-780.79	251.93	43.00	69.91
51935	90.11	2.50	-14.33	831.41	909.67	-757.21	254.23	33.67	62.97
51936	90.06	3.10	-14.33	853.79	987.57	-778.17	248.04	35.89	64.69
51937	88.88	2.50	-14.33	870.93	925.89	-754.63	246.53	28.15	58.74
51938	88.84	3.10	-14.33	894.88	1006.08	-775.60	241.18	30.06	60.20
51939	87.66	2.50	-14.33	903.44	939.36	-752.24	236.60	23.73	55.22
51940	87.62	3.10	-14.33	928.68	1021.59	-773.20	232.05	25.35	56.46
51941	86.43	2.50	-14.33	930.33	950.42	-750.05	225.05	20.13	52.36
51942	86.39	3.10	-14.33	956.58	1034.41	-771.00	221.25	21.46	53.42
51943	85.20	2.50	-14.33	952.53	959.35	-748.06	212.36	17.05	50.10
51944	85.17	3.10	-14.33	979.52	1044.82	-769.00	209.27	18.10	51.04
51945	83.97	2.50	-14.33	970.53	966.36	-746.23	198.97	14.22	48.39
51946	83.95	3.10	-14.33	998.00	1053.05	-767.16	196.54	15.03	49.23
51947	82.75	2.50	-14.33	984.51	971.57	-744.53	185.26	11.46	47.17
51948	82.73	3.10	-14.33	1012.20	1059.24	-765.45	183.46	12.05	47.95
51949	81.52	2.50	-14.33	994.38	975.06	-742.90	171.58	8.63	46.39
51950	81.51	3.10	-14.33	1022.07	1063.51	-763.82	170.38	9.02	47.13
51951	80.29	2.50	-14.33	999.93	976.88	-741.32	158.28	5.66	46.01
51952	80.28	3.10	-14.33	1027.39	1065.92	-762.24	157.64	5.87	46.73
51953	79.06	2.50	-14.33	1000.86	977.06	-739.76	145.67	2.53	46.01
51954	79.06	3.10	-14.33	1027.89	1066.53	-760.69	145.57	2.58	46.72
51955	77.84	2.50	-11.67	717.66	686.59	-800.25	102.22	-11.16	-165.00
51956	76.62	3.10	-11.67	712.29	684.13	-799.35	100.63	-28.02	-162.27
51957	75.39	2.50	-11.67	702.24	680.00	-798.43	99.92	-45.07	-158.02
51958	74.17	3.10	-11.67	687.54	674.26	-797.56	100.28	-62.19	-152.28
51959	72.95	2.50	-11.67	668.31	667.03	-796.88	101.85	-79.24	-145.06
51960	71.73	3.10	-11.67	644.74	658.44	-796.52	104.81	-96.16	-136.38
51961	70.51	2.50	-11.67	617.03	648.70	-796.59	109.30	-112.93	-126.28
51962	69.28	3.10	-11.67	585.37	638.06	-797.12	115.47	-129.52	-114.87
51963	68.06	2.50	-11.67	549.93	626.87	-797.99	123.51	-145.89	-102.33
51964	66.84	3.10	-11.67	510.79	615.58	-798.83	133.65	-161.90	-89.00
51965	65.62	2.50	-11.67	467.93	604.69	-799.02	146.26	-177.21	-75.38
51966	64.40	3.10	-11.67	421.33	594.67	-797.63	161.80	-191.19	-62.20
51967	63.17	2.50	-11.67	371.00	585.92	-793.54	180.82	-202.69	-50.40
51968	61.95	3.10	-11.67	317.16	578.63	-785.64	203.91	-210.00	-41.22
51969	60.73	2.50	-11.67	260.44	572.70	-773.16	231.73	-210.94	-36.08
51970	59.51	3.10	-11.67	201.78	567.77	-755.89	264.90	-203.23	-36.64
51971	77.84	2.50	-11.67	706.01	655.43	-771.63	102.42	-10.89	-170.75
51972	76.61	2.50	-11.67	701.13	652.86	-770.71	100.33	-27.11	-168.03
51973	75.38	2.50	-11.67	691.67	648.69	-769.72	99.16	-43.57	-163.82
51974	74.15	2.50	-11.67	677.66	642.99	-768.75	99.10	-60.11	-158.14
51975	72.93	2.50	-11.67	659.23	635.87	-767.90	100.32	-76.62	-151.03

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]
51976	71.70	2.50	-11.67	636.54	627.47	-767.34	102.99	-93.05	-142.53
51977	70.47	2.50	-11.67	609.78	617.95	-767.18	107.29	-109.38	-132.69
51978	69.24	2.50	-11.67	579.14	607.58	-767.47	113.38	-125.61	-121.64
51979	68.02	2.50	-11.67	544.77	596.65	-768.13	121.49	-141.75	-109.59
51980	66.79	2.50	-11.67	506.77	585.57	-768.86	131.87	-157.70	-96.87
51981	65.56	2.50	-11.67	465.15	574.77	-769.06	144.91	-173.21	-83.97
51982	64.33	2.50	-11.67	419.89	564.66	-767.86	161.06	-187.67	-71.57
51983	63.11	2.50	-11.67	371.00	555.58	-764.15	180.87	-200.00	-60.62
51984	61.88	2.50	-11.67	318.69	547.68	-756.81	204.90	-208.52	-52.34
51985	60.65	2.50	-11.67	263.54	540.86	-744.97	233.83	-211.03	-48.19
51986	59.42	2.50	-11.67	206.56	534.69	-728.38	268.34	-205.24	-49.87
51987	77.84	3.10	-13.00	861.12	857.76	-772.59	118.63	-7.35	-82.35
51988	76.62	3.10	-13.00	853.30	855.03	-771.30	113.58	-17.77	-80.45
51989	75.39	3.10	-13.00	840.36	850.57	-770.03	109.81	-28.41	-77.53
51990	74.17	3.10	-13.00	822.19	844.43	-768.82	107.57	-39.21	-73.59
51991	72.95	3.10	-13.00	798.76	836.70	-767.70	107.15	-50.11	-68.63
51992	71.73	3.10	-13.00	770.05	827.47	-766.76	108.80	-61.11	-62.64
51993	70.51	3.10	-13.00	736.03	816.90	-766.03	112.78	-72.21	-55.64
51994	69.28	3.10	-13.00	696.69	805.19	-765.53	119.37	-83.44	-47.68
51995	68.06	3.10	-13.00	651.98	792.65	-765.19	128.84	-94.76	-38.90
51996	66.84	3.10	-13.00	601.79	779.68	-764.84	141.47	-106.04	-29.54
51997	65.62	3.10	-13.00	546.06	766.79	-764.18	157.65	-117.00	-20.00
51998	64.40	3.10	-13.00	484.87	754.47	-762.79	177.79	-127.09	-10.87
51999	63.17	3.10	-13.00	418.60	743.12	-760.18	202.30	-135.40	-2.89
52000	61.95	3.10	-13.00	348.13	732.98	-755.84	231.40	-140.63	2.88
52001	60.73	3.10	-13.00	274.96	724.00	-749.28	265.04	-141.11	4.73
52002	59.51	3.10	-13.00	201.46	715.62	-740.24	304.06	-135.00	1.16
52003	77.84	2.50	-13.00	845.43	819.27	-749.78	118.84	-7.09	-86.06
52004	76.61	2.50	-13.00	838.26	816.42	-748.48	113.30	-17.09	-84.19
52005	75.38	2.50	-13.00	826.11	811.94	-747.17	109.06	-27.32	-81.32
52006	74.15	2.50	-13.00	808.90	805.90	-745.88	106.42	-37.72	-77.47
52007	72.93	2.50	-13.00	786.57	798.37	-744.68	105.65	-48.24	-72.64
52008	71.70	2.50	-13.00	759.09	789.43	-743.63	107.02	-58.87	-66.84
52009	70.47	2.50	-13.00	726.45	779.24	-742.78	110.83	-69.64	-60.11
52010	69.24	2.50	-13.00	688.60	767.97	-742.15	117.35	-80.59	-52.50
52011	68.02	2.50	-13.00	645.47	755.89	-741.69	126.89	-91.71	-44.18
52012	66.79	2.50	-13.00	596.97	743.33	-741.27	139.81	-102.93	-35.37
52013	65.56	2.50	-13.00	543.03	730.68	-740.60	156.48	-114.02	-26.45
52014	64.33	2.50	-13.00	483.72	718.33	-739.29	177.33	-124.46	-17.98
52015	63.11	2.50	-13.00	419.40	706.59	-736.85	202.75	-133.40	-10.68
52016	61.88	2.50	-13.00	350.90	695.61	-732.78	232.92	-139.52	-5.60
52017	60.65	2.50	-13.00	279.66	685.46	-726.52	267.74	-141.15	-4.50
52018	59.42	2.50	-13.00	207.89	675.15	-717.71	308.02	-136.45	-9.02
52019	77.84	3.10	-14.33	1023.25	1065.40	-759.14	134.50	-0.86	47.07
52020	76.62	3.10	-14.33	1013.18	1062.56	-757.59	124.79	-4.44	47.75
52021	75.39	3.10	-14.33	997.45	1058.01	-756.05	116.80	-8.13	48.80
52022	74.17	3.10	-14.33	975.84	1051.80	-754.52	110.87	-11.89	50.22
52023	72.95	3.10	-14.33	948.15	1043.99	-753.01	107.37	-15.74	52.01
52024	71.73	3.10	-14.33	914.16	1034.68	-751.54	106.71	-19.66	54.18
52025	70.51	3.10	-14.33	873.64	1024.00	-750.12	109.30	-23.69	56.75
52026	69.28	3.10	-14.33	826.30	1012.10	-748.75	115.56	-27.83	59.68
52027	68.06	3.10	-14.33	771.78	999.24	-747.42	125.96	-32.11	62.95
52028	66.84	3.10	-14.33	709.71	985.75	-746.09	140.97	-36.48	66.45
52029	65.62	3.10	-14.33	639.75	972.02	-744.69	161.08	-40.84	70.04
52030	64.40	3.10	-14.33	561.83	958.48	-743.14	186.80	-44.97	73.50
52031	63.17	3.10	-14.33	476.39	945.50	-741.33	218.45	-48.50	76.52
52032	61.95	3.10	-14.33	384.65	933.32	-739.14	256.00	-50.89	78.63
52033	60.73	3.10	-14.33	288.88	922.22	-736.46	298.65	-51.37	79.22
52034	59.51	3.10	-14.33	192.36	912.12	-732.76	342.62	-49.42	73.04
52035	77.84	2.50	-14.33	996.85	975.63	-738.21	134.09	-0.75	46.35
52036	76.61	2.50	-14.33	987.62	972.61	-736.65	123.92	-4.18	47.04
52037	75.38	2.50	-14.33	972.92	968.00	-735.08	115.50	-7.71	48.08
52038	74.15	2.50	-14.33	952.53	961.85	-733.53	109.20	-11.33	49.47
52039	72.93	2.50	-14.33	926.27	954.22	-732.00	105.41	-15.03	51.22
52040	71.70	2.50	-14.33	893.92	945.20	-730.50	104.54	-18.81	53.32
52041	70.47	2.50	-14.33	855.26	934.90	-729.05	107.02	-22.70	55.79
52042	69.24	2.50	-14.33	809.97	923.47	-727.65	113.30	-26.73	58.58
52043	68.02	2.50	-14.33	757.69	911.08	-726.29	123.88	-30.92	61.67
52044	66.79	2.50	-14.33	698.03	898.00	-724.95	139.26	-35.25	64.96
52045	65.56	2.50	-14.33	630.64	884.50	-723.54	159.98	-39.64	68.32
52046	64.33	2.50	-14.33	555.40	870.86	-722.00	186.52	-43.90	71.53
52047	63.11	2.50	-14.33	472.67	857.30	-720.22	219.21	-47.66	74.30
52048	61.88	2.50	-14.33	383.61	844.02	-718.06	257.97	-50.39	76.16
52049	60.65	2.50	-14.33	290.48	831.03	-715.43	301.90	-51.27	76.48
52050	59.42	2.50	-14.33	196.44	820.15	-711.53	347.27	-49.60	70.02
52051	58.39	2.50	-11.67	141.69	526.52	-704.14	314.86	-186.42	-62.70
52052	58.47	3.10	-11.67	133.97	561.05	-730.69	310.32	-181.66	-48.15
52053	57.54	2.50	-11.67	69.53	512.89	-672.66	377.85	-150.17	-94.39
52054	57.62	3.10	-11.67	56.96	548.42	-698.10	373.06	-141.81	-78.74
52055	56.70	2.50	-11.67	-3.39	484.56	-645.32	454.43	-99.84	-161.18
52056	56.77	3.10	-11.67	-22.33	516.78	-670.08	451.26	-89.10	-143.45
52057	55.85	2.50	-11.67	-87.39	431.44	-628.54	554.38	-25.05	-302.88
52058	55.93	3.10	-11.67	-117.71	452.94	-652.68	551.27	-9.43	-288.99
52059	55.01	2.50	-11.67	-175.63	298.86	-915.97	632.75	144.64	-880.69
52060	55.08	3.10	-11.67	-223.76	276.87	-1005.59	629.13	178.52	-843.73
52061	58.39	2.50	-13.00	130.08	661.44	-704.31	358.39	-121.16	-24.22
52062	58.47	3.10	-13.00	121.13	704.39	-726.49	353.75	-117.22	-12.92
52063	57.54	2.50	-13.00	51.16	641.64	-686.19	416.54	-88.65	-58.59
52064	57.62	3.10	-13.00	38.66	686.43	-707.46	412.41	-80.35	-46.25
52065	56.70	2.50	-13.00	-15.94	609.45	-668.48	461.96	-38.96	-127.78
52066	56.77	3.10	-13.00	-31.87	651.76	-689.80	460.91	-25.15	-114.79
52067	55.85	2.50	-13.00	-61.41	554.51	-704.78	462.29	31.04	-273.13
52068	55.93	3.10	-13.00	-77.46	593.64	-739.16	459.28	50.14	-261.57
52069	55.01	2.50	-13.00	-18.09	482.69	-784.69	218.45	31.64	-427.72
52070	55.08	3.10	-13.00	-20.31	493.56	-826.02	216.05	33.95	-391.79
52071	58.39	2.50	-14.33	99.52	805.04	-706.58	408.34	-44.18	54.50
52072	58.47	3.10	-14.33	93.09	895.68	-728.36	403.28	-42.92	57.65
52073	57.54	2.50	-14.33	10.94	782.13	-700.10	471.89	-28.22	34.89
52074	57.62	3.10	-14.33	3.53	873.68	-721.87	468.23	-23.99	38.11

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]
52075	56.70	2.50	-14.33	-37.88	751.75	-696.80	491.82	-1.19	2.70
52076	56.77	3.10	-14.33	-40.92	844.83	-719.65	490.77	6.47	5.86
52077	55.85	2.50	-14.33	-34.08	709.59	-705.89	421.52	17.14	-45.97
52078	55.93	3.10	-14.33	-29.04	803.07	-732.00	420.61	22.59	-41.15
52079	55.01	2.50	-14.33	-9.91	622.08	-718.38	232.84	6.10	-50.27
52080	55.08	3.10	-14.33	-4.71	691.14	-742.21	238.65	6.43	-37.17
52081	97.31	7.26	-11.67	237.30	565.86	-999.25	13.61	373.45	155.80
52082	97.69	6.18	-11.67	223.44	546.20	-950.29	33.81	360.60	131.95
52083	98.01	5.08	-11.67	212.32	522.17	-898.80	53.15	345.83	108.82
52084	98.27	3.96	-11.67	203.86	496.10	-847.40	71.39	329.04	86.02
52085	98.20	7.26	-11.67	157.63	519.34	-936.37	-16.39	338.79	164.78
52086	98.57	6.18	-11.67	145.47	503.70	-891.13	4.57	327.34	145.94
52087	98.87	5.08	-11.67	136.05	483.75	-843.62	24.73	314.46	127.66
52088	99.12	3.96	-11.67	129.37	461.73	-796.15	43.81	300.06	109.39
52089	99.09	7.26	-11.67	93.40	473.26	-871.77	-46.61	265.08	165.35
52090	99.44	6.18	-11.67	82.41	461.09	-830.21	-25.54	256.66	153.09
52091	99.74	5.08	-11.67	73.83	444.91	-786.54	-5.35	247.33	141.16
52092	99.98	3.96	-11.67	68.00	426.77	-742.95	13.69	237.00	128.79
52093	99.98	7.26	-11.67	49.89	429.40	-817.95	-74.62	158.38	160.73
52094	100.32	6.18	-11.67	39.79	419.39	-779.94	-54.13	154.91	155.93
52095	100.60	5.07	-11.67	31.03	405.27	-740.04	-33.94	151.25	150.90
52096	100.83	3.96	-11.67	24.55	391.19	-700.57	-15.33	146.83	145.47
52097	100.87	7.26	-11.67	32.80	389.52	-803.26	-98.82	30.06	154.35
52098	101.20	6.17	-11.67	23.94	377.04	-764.96	-79.89	33.13	155.68
52099	101.47	5.07	-11.67	15.40	360.80	-725.34	-59.62	37.23	156.56
52100	101.69	3.96	-11.67	7.17	342.91	-689.85	-37.53	42.45	155.93
52101	97.31	7.26	-13.00	272.62	704.09	-982.60	29.79	256.07	136.73
52102	97.69	6.18	-13.00	256.86	676.79	-934.18	55.08	247.53	122.71
52103	98.01	5.08	-13.00	245.50	647.85	-881.39	79.44	237.67	107.48
52104	98.27	3.96	-13.00	237.03	613.51	-829.52	102.47	226.20	90.86
52105	98.20	7.26	-13.00	171.29	635.78	-955.99	-8.58	232.32	139.34
52106	98.57	6.18	-13.00	157.89	613.61	-909.52	17.11	224.52	129.37
52107	98.87	5.08	-13.00	148.97	589.77	-858.81	42.04	215.65	118.01
52108	99.12	3.96	-13.00	143.06	561.03	-808.81	65.78	205.62	104.96
52109	99.09	7.26	-13.00	91.86	569.20	-927.88	-46.92	178.21	137.09
52110	99.44	6.18	-13.00	80.37	551.20	-883.17	-21.80	172.58	132.41
52111	99.74	5.08	-13.00	72.96	532.24	-834.21	2.63	166.15	126.01
52112	99.98	3.96	-13.00	68.54	508.75	-785.91	25.94	158.87	117.39
52113	99.98	7.26	-13.00	45.71	506.60	-903.41	-84.01	96.46	134.45
52114	100.32	6.18	-13.00	35.02	491.75	-860.12	-60.33	94.56	135.86
52115	100.60	5.07	-13.00	27.00	476.03	-812.59	-36.66	92.25	134.81
52116	100.83	3.96	-13.00	21.38	458.58	-766.17	-14.79	89.71	131.70
52117	100.87	7.26	-13.00	34.81	455.51	-902.41	-112.96	-0.18	137.06
52118	101.20	6.17	-13.00	24.20	437.08	-860.17	-91.31	2.09	143.54
52119	101.47	5.07	-13.00	15.11	420.01	-812.84	-67.88	5.12	147.07
52120	101.69	3.96	-13.00	5.95	397.63	-769.83	-41.95	10.88	145.75
52121	97.31	7.26	-14.33	292.65	848.70	-972.34	55.46	101.16	110.77
52122	97.69	6.18	-14.33	277.39	825.09	-923.83	87.18	97.88	100.11
52123	98.01	5.08	-14.33	267.23	798.27	-873.43	118.61	94.23	93.84
52124	98.27	3.96	-14.33	261.92	769.71	-822.23	149.15	89.99	92.59
52125	98.20	7.26	-14.33	149.88	749.82	-969.05	-1.97	92.67	106.31
52126	98.57	6.18	-14.33	137.98	732.48	-920.97	31.64	89.42	98.43
52127	98.87	5.08	-14.33	131.58	712.44	-871.04	64.38	85.87	94.12
52128	99.12	3.96	-14.33	130.33	691.23	-820.30	95.80	81.98	94.27
52129	99.09	7.26	-14.33	38.66	656.46	-964.07	-52.42	70.06	104.65
52130	99.44	6.18	-14.33	29.90	644.07	-916.46	-20.09	67.85	99.26
52131	99.74	5.08	-14.33	26.57	630.11	-866.96	11.82	65.24	97.25
52132	99.98	3.96	-14.33	28.45	616.56	-816.54	42.83	62.37	99.46
52133	99.98	7.26	-14.33	-16.67	572.75	-960.48	-99.93	35.57	99.85
52134	100.32	6.18	-14.33	-22.90	562.04	-913.11	-69.78	34.23	97.96
52135	100.60	5.07	-14.33	-25.64	553.99	-863.68	-39.44	32.70	98.04
52136	100.83	3.96	-14.33	-23.58	547.96	-813.56	-11.44	31.33	102.13
52137	100.87	7.26	-14.33	11.63	486.40	-959.64	-154.78	-15.74	128.20
52138	101.20	6.17	-14.33	3.45	485.17	-912.49	-126.19	-14.82	126.18
52139	101.47	5.07	-14.33	-4.11	482.08	-863.31	-100.69	-13.53	129.48
52140	101.69	3.96	-14.33	-9.50	479.75	-814.48	-76.51	-9.78	138.12
52141	79.06	3.95	-11.67	734.08	728.70	-842.88	103.04	5.86	-155.38
52142	80.27	3.95	-11.67	730.55	727.29	-844.03	105.07	22.83	-154.93
52143	81.48	3.95	-11.67	722.47	723.96	-845.53	107.45	39.31	-152.80
52144	82.69	3.95	-11.67	710.09	718.69	-847.61	110.06	55.34	-148.89
52145	83.90	3.95	-11.67	693.71	711.46	-850.63	112.75	71.08	-143.07
52146	85.12	3.95	-11.67	673.64	702.29	-854.96	115.42	86.88	-135.17
52147	86.33	3.96	-11.67	650.22	691.18	-860.99	117.97	103.25	-125.00
52148	87.54	3.96	-11.67	623.74	678.21	-869.00	120.32	120.86	-112.39
52149	88.75	3.96	-11.67	594.35	663.50	-878.99	122.35	140.50	-97.18
52150	89.96	3.96	-11.67	561.98	647.24	-890.53	123.89	162.98	-79.33
52151	91.18	3.96	-11.67	526.21	629.69	-902.46	124.58	188.90	-58.95
52152	92.39	3.96	-11.67	486.34	611.07	-912.79	123.83	218.31	-36.34
52153	93.60	3.96	-11.67	441.44	591.46	-918.78	120.88	250.19	-12.06
52154	94.81	3.96	-11.67	390.84	570.76	-917.43	114.92	282.03	13.05
52155	96.02	3.96	-11.67	334.63	548.68	-906.38	105.23	309.72	37.94
52156	97.23	3.96	-11.67	274.39	525.09	-884.79	91.56	327.86	61.57
52157	79.05	5.05	-11.67	752.98	780.46	-899.29	100.47	6.48	-138.25
52158	80.24	5.05	-11.67	749.91	778.67	-900.74	101.43	24.71	-137.67
52159	81.44	5.06	-11.67	742.16	774.81	-902.71	102.72	42.55	-135.33
52160	82.63	5.06	-11.67	729.95	768.85	-905.45	104.22	60.07	-131.10
52161	83.83	5.06	-11.67	713.57	760.79	-909.25	105.81	77.46	-124.82
52162	85.03	5.06	-11.67	693.34	750.60	-914.48	107.39	95.06	-116.28
52163	86.22	5.06	-11.67	669.60	738.29	-921.49	108.86	113.37	-105.27
52164	87.42	5.07	-11.67	642.66	723.90	-930.46	110.15	133.01	-91.55
52165	88.61	5.07	-11.67	612.68	707.52	-941.31	111.18	154.67	-74.99
52166	89.81	5.07	-11.67	579.58	689.38	-953.42	111.82	178.99	-55.60
52167	91.00	5.07	-11.67	542.90	669.79	-965.44	111.73	206.40	-33.66
52168	92.20	5.07	-11.67	501.85	649.08	-975.19	110.28	236.80	-9.70
52169	93.39	5.08	-11.67	455.55	627.38	-979.88	106.60	269.11	15.46
52170	94.59	5.08	-11.67	403.43	604.58	-976.60	99.76	300.88	40.74
52171	95.78	5.08	-11.67	345.82	580.30	-963.25	89.05	328.15	65.00
52172	96.98	5.08	-11.67	284.46	554.35	-939.32	74.39	345.69	87.13
52173	79.04	6.15	-11.67	769.82	827.99	-957.60	97.19	7.05	-119.19



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]
52174	80.21	6.15	-11.67	767.18	825.83	-959.30	97.08	26.52	-118.46
52175	81.39	6.16	-11.67	759.78	821.52	-961.73	97.26	45.71	-115.88
52176	82.56	6.16	-11.67	747.83	815.02	-965.10	97.64	64.73	-111.28
52177	83.74	6.16	-11.67	731.58	806.30	-969.69	98.10	83.79	-104.50
52178	84.91	6.16	-11.67	711.35	795.32	-975.81	98.55	103.22	-95.28
52179	86.09	6.16	-11.67	687.47	782.09	-983.74	98.88	123.51	-83.39
52180	87.26	6.17	-11.67	660.26	766.58	-993.59	99.03	145.22	-68.57
52181	88.44	6.17	-11.67	629.92	748.87	-1005.18	98.93	168.92	-50.66
52182	89.61	6.17	-11.67	596.37	729.13	-1017.72	98.49	195.02	-29.74
52183	90.79	6.17	-11.67	559.14	707.71	-1029.65	97.46	223.73	-6.26
52184	91.96	6.17	-11.67	517.37	685.01	-1038.60	95.21	254.73	18.94
52185	93.14	6.18	-11.67	470.13	661.27	-1041.68	90.77	286.94	44.72
52186	94.31	6.18	-11.67	417.02	636.38	-1036.14	83.10	318.09	69.79
52187	95.49	6.18	-11.67	358.59	609.89	-1020.27	71.47	344.52	93.00
52188	96.66	6.18	-11.67	296.77	581.60	-993.96	55.97	361.30	113.27
52189	79.03	7.25	-11.67	784.36	867.43	-1015.51	93.26	7.56	-96.45
52190	80.18	7.25	-11.67	782.12	864.94	-1017.32	92.12	28.23	-95.63
52191	81.33	7.25	-11.67	775.12	860.30	-1020.13	91.22	48.77	-92.82
52192	82.48	7.25	-11.67	763.53	853.41	-1024.06	90.49	69.28	-87.87
52193	83.63	7.25	-11.67	747.57	844.24	-1029.30	89.84	89.98	-80.60
52194	84.78	7.26	-11.67	727.53	832.76	-1036.12	89.17	111.21	-70.78
52195	85.93	7.26	-11.67	703.72	818.93	-1044.71	88.37	133.44	-58.14
52196	87.08	7.26	-11.67	676.46	802.73	-1055.12	87.36	157.17	-42.42
52197	88.23	7.26	-11.67	645.97	784.17	-1067.07	86.05	182.85	-23.44
52198	89.38	7.26	-11.67	612.24	763.33	-1079.68	84.36	210.66	-1.31
52199	90.53	7.26	-11.67	574.83	740.51	-1091.25	82.15	240.47	23.35
52200	91.68	7.26	-11.67	532.80	716.16	-1099.20	78.91	271.80	49.45
52201	92.83	7.26	-11.67	485.18	690.55	-1100.50	73.60	303.51	75.55
52202	93.98	7.26	-11.67	431.65	663.57	-1092.56	65.10	333.57	100.13
52203	95.13	7.26	-11.67	373.02	634.86	-1074.18	52.66	358.80	122.00
52204	96.28	7.26	-11.67	311.38	604.33	-1045.74	36.51	374.73	140.20
52205	79.06	3.95	-13.00	886.42	919.50	-810.76	123.23	3.02	-73.19
52206	80.27	3.95	-13.00	884.85	918.15	-812.21	129.18	13.46	-72.93
52207	81.48	3.95	-13.00	878.44	914.74	-813.85	135.58	23.59	-71.51
52208	82.69	3.95	-13.00	867.40	909.22	-815.77	142.20	33.48	-68.85
52209	83.90	3.95	-13.00	851.93	901.52	-818.14	148.79	43.32	-64.83
52210	85.12	3.95	-13.00	832.14	891.54	-821.12	155.10	53.42	-59.31
52211	86.33	3.96	-13.00	808.09	879.19	-824.89	160.90	64.20	-52.12
52212	87.54	3.96	-13.00	779.62	864.35	-829.55	165.94	76.22	-43.11
52213	88.75	3.96	-13.00	746.40	846.97	-835.10	169.97	90.05	-32.16
52214	89.96	3.96	-13.00	707.79	827.09	-841.30	172.69	106.25	-19.27
52215	91.18	3.96	-13.00	662.88	804.82	-847.59	173.64	125.11	-4.59
52216	92.39	3.96	-13.00	610.70	780.29	-853.08	172.19	146.48	11.54
52217	93.60	3.96	-13.00	550.56	753.49	-856.56	167.60	169.44	28.61
52218	94.81	3.96	-13.00	482.41	724.26	-856.76	159.22	192.05	45.87
52219	96.02	3.96	-13.00	407.28	692.37	-852.59	146.70	211.54	62.08
52220	97.23	3.96	-13.00	327.78	657.36	-844.14	128.90	224.73	76.51
52221	79.05	5.05	-13.00	913.17	994.40	-864.70	120.49	3.26	-61.67
52222	80.24	5.05	-13.00	912.17	992.50	-866.32	125.23	14.60	-61.28
52223	81.44	5.06	-13.00	906.10	988.28	-868.22	130.37	25.70	-59.63
52224	82.63	5.06	-13.00	895.13	981.66	-870.51	135.66	36.66	-56.61
52225	83.83	5.06	-13.00	879.43	972.56	-873.31	140.86	47.70	-52.10
52226	85.03	5.06	-13.00	859.11	960.84	-876.80	145.72	59.12	-45.91
52227	86.22	5.06	-13.00	834.22	946.34	-881.11	149.99	71.35	-37.85
52228	87.42	5.07	-13.00	804.66	928.90	-886.35	153.45	84.89	-27.72
52229	88.61	5.07	-13.00	770.11	908.44	-892.43	155.90	100.23	-15.43
52230	89.81	5.07	-13.00	730.00	885.04	-899.04	157.14	117.74	-1.04
52231	91.00	5.07	-13.00	683.43	859.04	-905.50	156.85	137.57	15.11
52232	92.20	5.07	-13.00	629.38	830.86	-910.80	154.39	159.45	32.41
52233	93.39	5.08	-13.00	567.15	800.77	-913.70	148.89	182.47	50.08
52234	94.59	5.08	-13.00	496.87	768.63	-912.94	139.53	204.81	67.21
52235	95.78	5.08	-13.00	419.73	734.07	-907.53	125.86	223.88	82.55
52236	96.98	5.08	-13.00	338.57	696.09	-897.72	106.97	236.69	95.49
52237	79.04	6.15	-13.00	937.27	1062.17	-921.01	116.86	3.54	-51.10
52238	80.21	6.15	-13.00	936.76	1059.71	-922.74	120.30	15.81	-50.56
52239	81.39	6.16	-13.00	930.99	1054.69	-924.88	124.04	27.93	-48.62
52240	82.56	6.16	-13.00	920.11	1047.01	-927.51	127.88	40.02	-45.16
52241	83.74	6.16	-13.00	904.24	1036.56	-930.76	131.56	52.31	-40.04
52242	84.91	6.16	-13.00	883.48	1023.16	-934.76	134.83	65.12	-33.07
52243	86.09	6.16	-13.00	857.84	1006.62	-939.64	137.40	78.87	-24.01
52244	87.26	6.17	-13.00	827.28	986.69	-945.46	139.06	94.01	-12.63
52245	88.44	6.17	-13.00	791.57	963.18	-952.12	139.64	110.91	1.19
52246	89.61	6.17	-13.00	750.28	936.16	-959.22	139.11	129.74	17.33
52247	90.79	6.17	-13.00	702.56	906.14	-965.95	137.41	150.36	35.23
52248	91.96	6.17	-13.00	647.29	874.05	-971.10	134.05	172.33	53.85
52249	93.14	6.18	-13.00	583.69	840.63	-973.26	127.96	194.80	71.98
52250	94.31	6.18	-13.00	511.95	805.86	-971.24	117.96	216.29	88.51
52251	95.49	6.18	-13.00	433.59	769.01	-964.19	103.39	234.53	102.37
52252	96.66	6.18	-13.00	351.63	728.64	-952.61	83.52	246.82	113.34
52253	79.03	7.25	-13.00	960.13	1126.01	-972.92	112.58	3.81	-41.36
52254	80.18	7.25	-13.00	960.02	1123.03	-974.72	114.62	17.08	-40.69
52255	81.33	7.25	-13.00	954.53	1117.29	-977.06	116.89	30.27	-38.41
52256	82.48	7.25	-13.00	943.77	1108.67	-980.02	119.17	43.53	-34.45
52257	83.63	7.25	-13.00	927.82	1097.02	-983.68	121.24	57.11	-28.67
52258	84.78	7.26	-13.00	906.73	1082.18	-988.15	122.82	71.33	-20.86
52259	85.93	7.26	-13.00	880.50	1063.90	-993.56	123.62	86.60	-10.80
52260	87.08	7.26	-13.00	849.07	1041.88	-999.94	123.35	103.36	1.78
52261	88.23	7.26	-13.00	812.36	1015.80	-1007.22	121.86	121.87	17.11
52262	89.38	7.26	-13.00	770.14	985.53	-1014.98	119.21	142.06	35.10
52263	90.53	7.26	-13.00	721.79	951.60	-1022.29	115.75	163.40	55.00
52264	91.68	7.26	-13.00	666.08	915.48	-1027.63	111.42	185.13	75.26
52265	92.83	7.26	-13.00	601.90	878.64	-1029.19	105.05	206.43	93.93
52266	93.98	7.26	-13.00	529.41	841.41	-1025.62	94.86	226.41	109.51
52267	95.13	7.26	-13.00	450.49	802.59	-1016.52	79.66	243.54	121.33
52268	96.28	7.26	-13.00	368.53	759.77	-1003.02	58.90	255.39	130.04
52269	79.06	3.95	-14.33	1057.66	1148.10	-797.43	144.11	2.27	42.14
52270	80.27	3.95	-14.33	1057.77	1146.89	-799.03	155.31	5.81	42.18
52271	81.48	3.95	-14.33	1052.79	1143.62	-800.68	167.12	9.22	42.63
52272	82.69	3.95	-14.33	1042.95	1138.22	-802.38	179.23	12.54	43.54

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]
52273	83.90	3.95	-14.33	1028.46	1130.59	-804.19	191.29	15.86	44.95
52274	85.12	3.95	-14.33	1009.33	1120.57	-806.13	202.91	19.30	46.94
52275	86.33	3.96	-14.33	985.38	1107.95	-808.24	213.71	23.07	49.58
52276	87.54	3.96	-14.33	956.09	1092.46	-810.56	223.25	27.40	52.94
52277	88.75	3.96	-14.33	920.53	1073.84	-813.07	231.06	32.56	57.08
52278	89.96	3.96	-14.33	877.35	1051.82	-815.71	236.59	38.80	62.01
52279	91.18	3.96	-14.33	824.81	1026.21	-818.38	239.16	46.25	67.69
52280	92.39	3.96	-14.33	761.17	996.78	-820.87	237.93	54.86	73.96
52281	93.60	3.96	-14.33	685.13	963.18	-822.93	232.08	64.26	80.63
52282	94.81	3.96	-14.33	596.45	925.05	-824.25	221.04	73.61	87.34
52283	96.02	3.96	-14.33	496.40	882.31	-824.61	204.98	81.73	93.55
52284	97.23	3.96	-14.33	388.07	834.86	-823.49	185.91	87.60	94.95
52285	79.05	5.05	-14.33	1091.35	1230.93	-848.90	140.94	2.09	40.36
52286	80.24	5.05	-14.33	1092.22	1228.98	-850.58	150.86	5.97	40.47
52287	81.44	5.06	-14.33	1087.65	1224.59	-852.32	161.31	9.75	41.04
52288	82.63	5.06	-14.33	1077.87	1217.67	-854.16	171.96	13.47	42.14
52289	83.83	5.06	-14.33	1063.02	1208.08	-856.12	182.45	17.25	43.81
52290	85.03	5.06	-14.33	1043.08	1195.60	-858.23	192.39	21.21	46.13
52291	86.22	5.06	-14.33	1017.83	1179.91	-860.54	201.36	25.55	49.19
52292	87.42	5.07	-14.33	986.76	1160.68	-863.05	208.93	30.51	53.09
52293	88.61	5.07	-14.33	949.00	1137.55	-865.77	214.69	36.29	57.89
52294	89.81	5.07	-14.33	903.27	1110.38	-868.59	218.20	43.06	63.55
52295	91.00	5.07	-14.33	847.92	1079.26	-871.38	218.95	50.90	69.93
52296	92.20	5.07	-14.33	781.22	1044.46	-873.89	216.13	59.69	76.76
52297	93.39	5.08	-14.33	701.98	1006.02	-875.87	208.77	69.06	83.69
52298	94.59	5.08	-14.33	610.20	963.71	-877.00	196.16	78.25	90.30
52299	95.78	5.08	-14.33	507.39	917.28	-877.06	178.43	86.09	95.92
52300	96.98	5.08	-14.33	396.66	867.38	-875.37	157.23	91.72	96.69
52301	79.04	6.15	-14.33	1123.45	1311.80	-900.80	136.92	2.16	44.53
52302	80.21	6.15	-14.33	1124.96	1309.10	-902.48	145.35	6.41	44.76
52303	81.39	6.16	-14.33	1120.74	1303.55	-904.28	154.21	10.59	45.55
52304	82.56	6.16	-14.33	1110.97	1295.04	-906.20	163.16	14.77	46.93
52305	83.74	6.16	-14.33	1095.74	1283.36	-908.27	171.83	19.04	48.98
52306	84.91	6.16	-14.33	1074.98	1268.24	-910.52	179.80	23.56	51.79
52307	86.09	6.16	-14.33	1048.43	1249.27	-912.98	186.62	28.54	55.45
52308	87.26	6.17	-14.33	1015.59	1225.95	-915.68	191.84	34.17	60.09
52309	88.44	6.17	-14.33	975.70	1197.81	-918.60	195.08	40.62	65.79
52310	89.61	6.17	-14.33	927.68	1164.65	-921.62	196.16	47.97	72.51
52311	90.79	6.17	-14.33	870.07	1126.97	-924.53	194.93	56.11	79.94
52312	91.96	6.17	-14.33	801.12	1085.97	-927.04	190.85	64.84	87.56
52313	93.14	6.18	-14.33	719.57	1042.66	-928.80	182.68	73.83	94.73
52314	94.31	6.18	-14.33	625.67	996.97	-929.55	169.17	82.51	100.96
52315	95.49	6.18	-14.33	521.31	948.45	-929.02	150.32	89.80	105.58
52316	96.66	6.18	-14.33	409.37	897.69	-926.49	127.79	95.09	104.77
52317	79.03	7.25	-14.33	1153.75	1388.46	-951.14	131.99	2.47	53.94
52318	80.18	7.25	-14.33	1155.75	1385.01	-952.80	138.69	7.16	54.31
52319	81.33	7.25	-14.33	1151.78	1378.24	-954.61	145.70	11.80	55.39
52320	82.48	7.25	-14.33	1141.97	1368.00	-956.60	152.68	16.47	57.19
52321	83.63	7.25	-14.33	1126.34	1354.07	-958.77	159.26	21.28	59.78
52322	84.78	7.26	-14.33	1104.76	1336.10	-961.16	164.98	26.41	63.23
52323	85.93	7.26	-14.33	1076.92	1313.61	-963.81	169.37	32.05	67.69
52324	87.08	7.26	-14.33	1042.31	1285.97	-966.74	171.90	38.41	73.31
52325	88.23	7.26	-14.33	1000.27	1252.38	-969.96	172.16	45.64	80.25
52326	89.38	7.26	-14.33	950.08	1212.29	-973.38	170.14	53.67	88.54
52327	90.53	7.26	-14.33	890.72	1166.35	-976.74	166.43	62.14	97.79
52328	91.68	7.26	-14.33	820.49	1117.20	-979.53	161.36	70.57	106.98
52329	92.83	7.26	-14.33	737.72	1068.27	-981.17	153.68	78.60	114.69
52330	93.98	7.26	-14.33	642.48	1020.55	-981.29	140.64	86.18	119.98
52331	95.13	7.26	-14.33	537.59	971.86	-979.82	121.24	92.74	122.72
52332	96.28	7.26	-14.33	425.81	922.88	-976.00	98.20	97.83	118.93
52333	59.67	3.96	-11.67	198.84	610.39	-797.22	257.50	-201.86	-13.11
52334	60.88	3.96	-11.67	258.95	614.07	-815.35	226.66	-212.07	-14.49
52335	62.09	3.96	-11.67	317.23	619.14	-828.74	200.80	-213.15	-21.24
52336	63.30	3.96	-11.67	372.68	625.92	-837.44	179.36	-207.40	-31.88
52337	64.51	3.96	-11.67	424.61	634.48	-842.07	161.72	-196.97	-45.07
52338	65.72	3.96	-11.67	472.70	644.59	-843.68	147.28	-183.58	-59.56
52339	66.94	3.96	-11.67	516.94	655.78	-843.42	135.44	-168.40	-74.39
52340	68.15	3.96	-11.67	557.39	667.46	-842.27	125.74	-152.18	-88.77
52341	69.36	3.96	-11.67	594.08	679.04	-840.98	117.88	-135.35	-102.16
52342	70.57	3.96	-11.67	626.94	690.04	-839.98	111.65	-118.15	-114.22
52343	71.78	3.95	-11.67	655.79	700.07	-839.45	106.93	-100.68	-124.78
52344	73.00	3.95	-11.67	680.43	708.85	-839.41	103.60	-83.00	-133.79
52345	74.21	3.95	-11.67	700.62	716.19	-839.75	101.53	-65.17	-141.23
52346	75.42	3.95	-11.67	716.18	721.94	-840.36	100.59	-47.24	-147.12
52347	76.63	3.95	-11.67	726.97	725.98	-841.11	100.64	-29.34	-151.44
52348	77.84	3.95	-11.67	732.93	728.24	-841.93	101.50	-11.60	-154.21
52349	59.92	5.08	-11.67	200.37	660.21	-853.56	245.43	-202.40	23.09
52350	61.12	5.08	-11.67	261.14	663.11	-872.85	218.09	-215.34	18.85
52351	62.31	5.08	-11.67	320.53	667.85	-887.59	195.08	-218.72	9.79
52352	63.51	5.08	-11.67	377.37	674.60	-897.46	176.06	-214.76	-2.92
52353	64.70	5.07	-11.67	430.74	683.44	-902.86	160.45	-205.55	-18.11
52354	65.90	5.07	-11.67	480.22	694.07	-904.74	147.59	-192.74	-34.59
52355	67.09	5.07	-11.67	525.76	705.92	-904.28	136.86	-177.56	-51.27
52356	68.29	5.07	-11.67	567.46	718.27	-902.63	127.81	-160.86	-67.27
52357	69.48	5.07	-11.67	605.40	730.43	-900.67	120.20	-143.24	-81.97
52358	70.68	5.06	-11.67	639.49	741.88	-898.95	113.94	-125.09	-95.03
52359	71.87	5.06	-11.67	669.54	752.24	-897.74	108.96	-106.60	-106.34
52360	73.07	5.06	-11.67	695.30	761.24	-897.09	105.18	-87.88	-115.88
52361	74.27	5.06	-11.67	716.53	768.68	-896.93	102.51	-68.99	-123.69
52362	75.46	5.06	-11.67	733.01	774.41	-897.13	100.83	-50.00	-129.82
52363	76.66	5.05	-11.67	744.61	778.32	-897.60	100.02	-31.00	-134.29
52364	77.85	5.05	-11.67	751.25	780.32	-898.27	99.95	-12.14	-137.12
52365	80.24	6.18	-11.67	208.44	700.11	-910.54	232.63	-206.65	62.24
52366	61.41	6.18	-11.67	268.46	703.79	-931.30	208.80	-221.46	54.97
52367	62.59	6.18	-11.67	327.94	709.46	-947.75	188.60	-226.53	43.57
52368	63.76	6.18	-11.67	385.31	717.19	-959.13	172.01	-224.00	28.76
52369	64.94	6.17	-11.67	439.34	727.07	-965.46	158.44	-215.73	11.43
52370	66.11	6.17	-11.67	489.46	738.76	-967.64	147.15	-203.22	-7.21
52371	67.29	6.17	-11.67	535.63	751.60	-966.96	137.47	-187.71	-25.91

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]
52372	68.46	6.17	-11.67	578.03	764.75	-964.79	129.00	-170.23	-43.64
52373	69.64	6.17	-11.67	616.73	777.52	-962.17	121.64	-151.57	-59.70
52374	70.81	6.16	-11.67	651.63	789.40	-959.77	115.38	-132.28	-73.80
52375	71.99	6.16	-11.67	682.48	800.07	-957.91	110.18	-112.65	-85.86
52376	73.16	6.16	-11.67	709.01	809.27	-956.68	105.99	-92.82	-95.96
52377	74.34	6.16	-11.67	730.97	816.81	-956.05	102.73	-72.84	-104.18
52378	75.51	6.16	-11.67	748.15	822.53	-955.88	100.33	-52.76	-110.59
52379	76.69	6.15	-11.67	760.38	826.33	-956.06	98.69	-32.67	-115.23
52380	77.86	6.15	-11.67	767.59	828.14	-956.57	97.69	-12.69	-118.10
52381	60.62	7.26	-11.67	221.61	727.51	-964.33	221.19	-215.02	102.96
52382	61.77	7.26	-11.67	280.11	733.54	-986.84	200.40	-230.72	92.93
52383	62.92	7.26	-11.67	338.99	741.39	-1005.37	182.69	-236.83	79.38
52384	64.07	7.26	-11.67	396.23	751.07	-1018.53	168.20	-235.26	62.57
52385	65.22	7.26	-11.67	450.24	762.60	-1025.96	156.37	-227.49	43.19
52386	66.37	7.26	-11.67	500.32	775.65	-1028.52	146.39	-214.85	22.54
52387	67.52	7.26	-11.67	546.51	789.55	-1027.77	137.50	-198.63	2.05
52388	68.67	7.26	-11.67	589.10	803.43	-1025.29	129.47	-180.05	-17.13
52389	69.82	7.26	-11.67	628.10	816.69	-1022.28	122.31	-160.12	-34.29
52390	70.97	7.26	-11.67	663.34	828.92	-1019.47	116.04	-139.57	-49.18
52391	72.12	7.26	-11.67	694.56	839.83	-1017.21	110.64	-118.74	-61.83
52392	73.27	7.25	-11.67	721.47	849.21	-1015.64	106.08	-97.77	-72.36
52393	74.42	7.25	-11.67	743.83	856.86	-1014.72	102.28	-76.71	-80.90
52394	75.57	7.25	-11.67	761.42	862.61	-1014.32	99.16	-55.55	-87.57
52395	76.72	7.25	-11.67	774.08	866.30	-1014.29	96.66	-34.36	-92.40
52396	77.87	7.25	-11.67	781.72	867.89	-1014.59	94.74	-13.25	-95.37
52397	59.67	3.96	-13.00	197.44	776.33	-777.68	295.24	-134.10	21.55
52398	60.88	3.96	-13.00	272.69	782.94	-787.10	258.68	-141.99	23.84
52399	62.09	3.96	-13.00	347.89	790.56	-794.12	227.24	-143.00	20.85
52400	63.30	3.96	-13.00	420.54	799.95	-798.82	200.13	-138.95	14.05
52401	64.51	3.96	-13.00	489.02	811.14	-801.64	177.32	-131.46	5.03
52402	65.72	3.96	-13.00	552.38	823.82	-803.07	158.53	-121.83	-5.18
52403	66.94	3.96	-13.00	610.20	837.41	-803.63	143.28	-110.98	-15.75
52404	68.15	3.96	-13.00	662.40	851.22	-803.76	131.17	-99.52	-26.06
52405	69.36	3.96	-13.00	709.06	864.58	-803.82	121.90	-87.83	-35.65
52406	70.57	3.96	-13.00	750.24	877.00	-804.03	115.26	-76.11	-44.24
52407	71.78	3.95	-13.00	785.96	888.14	-804.48	111.03	-64.46	-51.72
52408	73.00	3.95	-13.00	816.23	897.77	-805.17	109.01	-52.90	-58.05
52409	74.21	3.95	-13.00	841.05	905.76	-806.07	108.94	-41.43	-63.26
52410	75.42	3.95	-13.00	860.41	912.00	-807.11	110.58	-30.06	-67.36
52411	76.63	3.95	-13.00	874.36	916.40	-808.25	113.68	-18.82	-70.38
52412	77.84	3.95	-13.00	882.98	918.90	-809.45	117.97	-7.79	-72.34
52413	59.92	5.08	-13.00	197.33	843.67	-832.53	280.49	-134.55	48.59
52414	61.12	5.08	-13.00	273.76	849.03	-842.80	247.69	-144.33	48.95
52415	62.31	5.08	-13.00	350.64	855.86	-850.60	219.66	-147.04	44.57
52416	63.51	5.08	-13.00	425.29	865.18	-855.89	195.66	-144.43	36.45
52417	64.70	5.07	-13.00	495.90	877.05	-859.02	175.55	-138.00	25.96
52418	65.90	5.07	-13.00	561.38	891.07	-860.45	158.85	-128.92	14.10
52419	67.09	5.07	-13.00	621.28	906.35	-860.75	145.00	-118.11	1.84
52420	68.29	5.07	-13.00	675.58	921.86	-860.47	133.63	-106.27	-10.01
52421	69.48	5.07	-13.00	724.33	936.72	-860.05	124.62	-93.93	-20.88
52422	70.68	5.06	-13.00	767.55	950.34	-859.78	117.90	-81.44	-30.48
52423	71.87	5.06	-13.00	805.19	962.39	-859.78	113.36	-68.99	-38.71
52424	73.07	5.06	-13.00	837.21	972.68	-860.07	110.83	-56.63	-45.61
52425	74.27	5.06	-13.00	863.58	981.10	-860.64	110.10	-44.37	-51.22
52426	75.46	5.06	-13.00	884.30	987.54	-861.40	110.93	-32.22	-55.60
52427	76.66	5.05	-13.00	899.41	991.93	-862.32	113.10	-20.21	-58.81
52428	77.85	5.05	-13.00	908.97	994.19	-863.38	116.37	-8.37	-60.84
52429	60.24	6.18	-13.00	204.49	893.92	-888.99	264.53	-137.51	76.22
52430	61.41	6.18	-13.00	280.68	899.66	-900.56	235.60	-148.36	74.79
52431	62.59	6.18	-13.00	358.11	907.10	-909.59	211.15	-152.40	69.32
52432	63.76	6.18	-13.00	433.76	917.56	-915.77	190.59	-151.15	60.04
52433	64.94	6.17	-13.00	505.50	931.34	-919.30	173.51	-145.78	47.93
52434	66.11	6.17	-13.00	572.10	947.89	-920.63	159.08	-137.19	34.04
52435	67.29	6.17	-13.00	633.22	965.87	-920.50	146.58	-126.23	19.67
52436	68.46	6.17	-13.00	688.92	983.77	-919.65	135.82	-113.76	5.94
52437	69.64	6.17	-13.00	739.22	1000.52	-918.65	126.95	-100.54	-6.45
52438	70.81	6.16	-13.00	784.01	1015.60	-917.84	120.08	-87.11	-17.20
52439	71.99	6.16	-13.00	823.15	1028.76	-917.38	115.18	-73.73	-26.31
52440	73.16	6.16	-13.00	856.55	1039.87	-917.28	112.11	-60.49	-33.86
52441	74.34	6.16	-13.00	884.16	1048.86	-917.52	110.67	-47.39	-39.95
52442	75.51	6.16	-13.00	905.98	1055.64	-918.03	110.64	-34.43	-44.69
52443	76.69	6.15	-13.00	922.04	1060.14	-918.76	111.81	-21.60	-48.12
52444	77.86	6.15	-13.00	932.41	1062.29	-919.70	113.96	-8.93	-50.27
52445	60.62	7.26	-13.00	219.14	931.91	-940.87	250.23	-143.25	102.77
52446	61.77	7.26	-13.00	294.19	940.31	-954.08	224.67	-154.26	100.08
52447	62.92	7.26	-13.00	371.47	949.78	-964.90	203.60	-159.19	94.10
52448	64.07	7.26	-13.00	447.39	962.62	-972.29	186.53	-159.29	83.91
52449	65.22	7.26	-13.00	519.34	979.51	-976.06	172.53	-155.03	69.94
52450	66.37	7.26	-13.00	586.08	999.60	-976.88	160.18	-146.73	53.59
52451	67.52	7.26	-13.00	647.60	1020.88	-975.93	148.63	-135.29	36.79
52452	68.67	7.26	-13.00	704.12	1041.35	-974.27	138.11	-121.86	21.06
52453	69.82	7.26	-13.00	755.47	1059.99	-972.61	129.19	-107.53	7.18
52454	70.97	7.26	-13.00	801.33	1076.49	-971.25	122.09	-93.02	-4.65
52455	72.12	7.26	-13.00	841.49	1090.75	-970.33	116.79	-78.65	-14.58
52456	73.27	7.25	-13.00	875.83	1102.71	-969.85	113.14	-64.48	-22.75
52457	74.42	7.25	-13.00	904.31	1112.33	-969.80	110.93	-50.51	-29.32
52458	75.57	7.25	-13.00	926.93	1119.54	-970.11	109.97	-36.70	-34.42
52459	76.72	7.25	-13.00	943.72	1124.25	-970.72	110.05	-23.05	-38.14
52460	77.87	7.25	-13.00	954.74	1126.41	-971.62	110.99	-9.53	-40.48
52461	59.67	3.96	-14.33	184.20	991.09	-770.42	331.62	-49.71	72.76
52462	60.88	3.96	-14.33	283.22	999.03	-774.19	289.78	-52.23	78.17
52463	62.09	3.96	-14.33	381.94	1008.54	-776.92	249.81	-52.31	77.28
52464	63.30	3.96	-14.33	476.81	1019.98	-779.14	214.62	-50.40	74.79
52465	64.51	3.96	-14.33	565.51	1033.03	-780.95	184.99	-47.18	71.36
52466	65.72	3.96	-14.33	646.68	1047.27	-782.45	160.88	-43.21	67.46
52467	66.94	3.96	-14.33	719.81	1062.12	-783.77	141.92	-38.88	63.42
52468	68.15	3.96	-14.33	784.91	1076.90	-784.99	127.63	-34.41	59.51
52469	69.36	3.96	-14.33	842.28	1090.99	-786.20	117.58	-29.96	55.90
52470	70.57	3.96	-14.33	892.24	1103.95	-787.44	111.40	-25.60	52.70

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]
52471	71.78	3.95	-14.33	935.14	1115.48	-788.74	108.68	-21.35	49.93
52472	73.00	3.95	-14.33	971.24	1125.42	-790.10	109.06	-17.21	47.61
52473	74.21	3.95	-14.33	1000.78	1133.66	-791.51	112.12	-13.15	45.72
52474	75.42	3.95	-14.33	1023.98	1140.11	-792.95	117.51	-9.16	44.24
52475	76.63	3.95	-14.33	1041.03	1144.69	-794.41	124.86	-5.26	43.17
52476	77.84	3.95	-14.33	1052.18	1147.35	-795.89	133.82	-1.46	42.47
52477	59.92	5.08	-14.33	177.93	1063.02	-822.76	312.43	-50.01	78.21
52478	61.12	5.08	-14.33	278.99	1067.39	-827.02	274.48	-53.33	82.72
52479	62.31	5.08	-14.33	380.22	1075.58	-829.96	238.77	-54.16	81.45
52480	63.51	5.08	-14.33	478.09	1086.91	-832.30	207.44	-52.85	78.42
52481	64.70	5.07	-14.33	570.09	1101.05	-834.12	181.13	-50.08	74.34
52482	65.90	5.07	-14.33	654.64	1117.36	-835.55	159.63	-46.35	69.67
52483	67.09	5.07	-14.33	731.13	1134.83	-836.72	142.46	-42.01	64.82
52484	68.29	5.07	-14.33	799.54	1152.25	-837.75	129.19	-37.37	60.14
52485	69.48	5.07	-14.33	860.09	1168.66	-838.75	119.59	-32.63	55.89
52486	70.68	5.06	-14.33	913.05	1183.51	-839.79	113.47	-27.94	52.17
52487	71.87	5.06	-14.33	958.67	1196.52	-840.90	110.55	-23.36	49.02
52488	73.07	5.06	-14.33	997.19	1207.56	-842.09	110.49	-18.89	46.40
52489	74.27	5.06	-14.33	1028.85	1216.56	-843.34	112.94	-14.52	44.29
52490	75.46	5.06	-14.33	1053.87	1223.45	-844.65	117.54	-10.24	42.64
52491	76.66	5.05	-14.33	1072.47	1228.17	-845.99	123.95	-6.04	41.45
52492	77.85	5.05	-14.33	1084.86	1230.64	-847.38	131.85	-1.94	40.69
52493	60.24	6.18	-14.33	181.77	1117.48	-874.95	290.60	-50.82	90.46
52494	61.41	6.18	-14.33	283.46	1119.88	-879.88	257.58	-54.57	94.97
52495	62.59	6.18	-14.33	385.71	1127.80	-883.26	226.67	-56.11	93.61
52496	63.76	6.18	-14.33	485.32	1140.36	-885.85	199.88	-55.49	90.23
52497	64.94	6.17	-14.33	579.38	1157.31	-887.76	177.64	-53.29	85.41
52498	66.11	6.17	-14.33	666.09	1177.81	-889.10	159.20	-49.83	79.65
52499	67.29	6.17	-14.33	744.90	1199.93	-890.05	143.83	-45.43	73.58
52500	68.46	6.17	-14.33	815.81	1221.58	-890.83	131.38	-40.49	67.80
52501	69.64	6.17	-14.33	878.93	1241.44	-891.58	122.02	-35.34	62.64
52502	70.81	6.16	-14.33	934.34	1258.96	-892.41	115.79	-30.23	58.22
52503	71.99	6.16	-14.33	982.19	1274.02	-893.34	112.53	-25.26	54.52
52504	73.16	6.16	-14.33	1022.70	1286.61	-894.37	111.91	-20.43	51.48
52505	74.34	6.16	-14.33	1056.12	1296.72	-895.50	113.60	-15.72	49.04
52506	75.51	6.16	-14.33	1082.67	1304.33	-896.70	117.26	-11.12	47.14
52507	76.69	6.15	-14.33	1102.58	1309.42	-897.97	122.58	-6.61	45.75
52508	77.86	6.15	-14.33	1116.07	1311.89	-899.29	129.23	-2.18	44.87
52509	60.62	7.26	-14.33	194.20	1151.59	-925.83	269.20	-52.24	108.84
52510	61.77	7.26	-14.33	295.15	1152.66	-931.85	241.27	-55.91	114.85
52511	62.92	7.26	-14.33	397.43	1160.99	-936.00	215.16	-58.04	114.29
52512	64.07	7.26	-14.33	497.97	1175.55	-939.03	193.75	-58.42	111.02
52513	65.22	7.26	-14.33	592.95	1197.68	-940.89	176.51	-57.14	105.08
52514	66.37	7.26	-14.33	680.59	1225.56	-941.80	161.26	-53.98	97.38
52515	67.52	7.26	-14.33	760.77	1255.00	-942.20	147.15	-49.35	89.32
52516	68.67	7.26	-14.33	833.57	1282.57	-942.48	134.89	-43.89	81.88
52517	69.82	7.26	-14.33	898.72	1306.90	-942.86	125.33	-38.18	75.48
52518	70.97	7.26	-14.33	956.04	1327.82	-943.40	118.72	-32.56	70.14
52519	72.12	7.26	-14.33	1005.62	1345.51	-944.11	114.88	-27.14	65.71
52520	73.27	7.25	-14.33	1047.67	1360.11	-944.97	113.51	-21.89	62.10
52521	74.42	7.25	-14.33	1082.45	1371.73	-945.97	114.24	-16.80	59.21
52522	75.57	7.25	-14.33	1110.22	1380.39	-947.09	116.77	-11.85	56.98
52523	76.72	7.25	-14.33	1131.20	1386.10	-948.32	120.77	-6.99	55.35
52524	77.87	7.25	-14.33	1145.64	1388.79	-949.65	125.94	-2.21	54.31
52525	55.21	3.96	-11.67	-264.99	280.24	-1100.78	635.19	201.96	-793.03
52526	56.07	3.96	-11.67	-147.00	482.40	-691.45	548.42	11.22	-253.73
52527	56.92	3.96	-11.67	-40.57	566.52	-710.40	441.07	-74.91	-110.73
52528	57.78	3.96	-11.67	46.33	596.92	-737.72	360.98	-131.41	-48.82
52529	58.63	3.96	-11.67	128.38	606.46	-770.97	300.11	-176.58	-21.68
52530	55.43	5.07	-11.67	-317.89	297.14	-1238.90	662.66	250.70	-743.85
52531	56.30	5.07	-11.67	-176.04	549.34	-755.52	544.69	43.63	-198.66
52532	57.16	5.08	-11.67	-52.90	635.06	-769.10	417.76	-56.10	-56.14
52533	58.03	5.08	-11.67	43.16	655.30	-792.70	338.38	-121.13	-1.37
52534	58.89	5.08	-11.67	128.70	658.53	-826.20	283.24	-173.01	18.96
52535	55.70	6.17	-11.67	-376.30	381.89	-1449.30	678.66	345.91	-677.39
52536	56.58	6.18	-11.67	-194.05	651.16	-832.12	513.90	85.14	-117.46
52537	57.46	6.18	-11.67	-45.50	699.97	-829.35	378.40	-41.43	13.88
52538	58.33	6.18	-11.67	54.37	699.89	-848.33	311.11	-116.49	52.30
52539	59.21	6.18	-11.67	138.05	698.47	-881.97	265.27	-174.15	63.27
52540	56.03	7.26	-11.67	-399.18	565.60	-1662.43	614.58	446.75	-497.47
52541	56.92	7.26	-11.67	-166.71	756.82	-892.15	430.63	105.72	13.96
52542	57.81	7.26	-11.67	-10.64	737.04	-883.61	330.54	-38.68	92.13
52543	58.70	7.26	-11.67	76.73	723.84	-900.10	286.65	-118.55	107.61
52544	59.59	7.26	-11.67	153.96	723.67	-934.16	249.30	-180.71	109.22
52545	55.21	3.96	-13.00	-3.14	566.01	-868.65	235.88	27.55	-349.12
52546	56.07	3.96	-13.00	-90.16	644.12	-795.09	459.08	75.47	-230.93
52547	56.92	3.96	-13.00	-47.17	720.51	-725.92	453.84	-8.27	-86.38
52548	57.78	3.96	-13.00	28.18	753.23	-743.51	401.18	-70.91	-20.73
52549	58.63	3.96	-13.00	114.47	768.20	-763.32	342.73	-113.25	9.59
52550	55.43	5.07	-13.00	15.25	662.65	-950.15	273.75	35.34	-298.66
52551	56.30	5.07	-13.00	-99.63	726.36	-871.46	460.10	107.71	-180.98
52552	57.16	5.08	-13.00	-58.23	802.99	-780.12	435.78	9.77	-41.18
52553	58.03	5.08	-13.00	22.99	828.41	-796.41	379.45	-62.89	16.31
52554	58.89	5.08	-13.00	112.55	837.96	-817.16	323.87	-110.88	40.21
52555	55.70	6.17	-13.00	31.34	760.60	-1052.99	299.79	59.84	-221.32
52556	56.58	6.18	-13.00	-103.90	813.02	-949.39	446.62	138.50	-109.92
52557	57.46	6.18	-13.00	-55.36	870.60	-835.10	406.64	19.36	15.32
52558	58.33	6.18	-13.00	30.17	883.45	-851.07	352.44	-61.52	57.00
52559	59.21	6.18	-13.00	119.96	888.78	-872.47	303.00	-112.54	71.94
52560	56.03	7.26	-13.00	52.21	861.15	-1129.24	308.62	86.41	-102.41
52561	56.92	7.26	-13.00	-91.67	884.45	-1003.15	410.56	150.89	-10.56
52562	57.81	7.26	-13.00	-32.66	915.17	-882.62	369.88	14.31	76.35
52563	58.70	7.26	-13.00	50.13	917.57	-901.94	326.10	-67.30	96.15
52564	59.59	7.26	-13.00	136.22	923.75	-923.29	284.07	-118.43	102.20
52565	55.21	3.96	-14.33	11.83	776.40	-776.34	261.11	3.37	-28.63
52566	56.07	3.96	-14.33	-22.63	885.59	-776.16	423.07	29.23	-35.49
52567	56.92	3.96	-14.33	-48.18	933.42	-758.49	484.20	15.62	9.06
52568	57.78	3.96	-14.33	-8.40	959.07	-759.11	456.05	-19.61	40.75
52569	58.63	3.96	-14.33	82.46	977.89	-765.88	390.21	-41.90	59.09

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]
52570	55.43	5.07	-14.33	32.75	871.47	-831.08	302.36	2.05	-15.75
52571	56.30	5.07	-14.33	-13.44	981.99	-834.31	428.34	38.46	-17.97
52572	57.16	5.08	-14.33	-55.27	1025.53	-811.04	467.65	25.09	22.49
52573	58.03	5.08	-14.33	-19.07	1043.47	-810.02	431.99	-16.06	51.07
52574	58.89	5.08	-14.33	73.89	1055.50	-817.55	367.09	-41.36	66.62
52575	55.70	6.17	-14.33	51.62	955.52	-890.80	340.36	7.58	14.83
52576	56.58	6.18	-14.33	-6.94	1064.08	-891.21	427.26	46.93	13.02
52577	57.46	6.18	-14.33	-57.43	1095.94	-863.13	442.65	29.97	45.98
52578	58.33	6.18	-14.33	-19.76	1104.46	-861.11	401.89	-16.06	68.18
52579	59.21	6.18	-14.33	76.29	1112.36	-869.23	340.29	-42.36	79.97
52580	56.03	7.26	-14.33	66.76	1012.57	-942.64	373.72	18.41	62.57
52581	56.92	7.26	-14.33	-4.68	1116.03	-939.79	415.95	51.28	54.58
52582	57.81	7.26	-14.33	-52.87	1134.03	-911.93	411.19	27.45	76.32
52583	58.70	7.26	-14.33	-9.36	1136.76	-911.01	370.82	-19.97	89.04
52584	59.59	7.26	-14.33	89.09	1146.18	-919.42	314.09	-44.93	97.49
52585	96.97	8.10	-11.67	249.85	578.08	-1035.94	-2.76	382.35	176.41
52586	97.87	8.10	-11.67	168.69	528.39	-970.33	-33.30	346.84	181.21
52587	98.78	8.10	-11.67	103.16	479.67	-902.98	-63.60	271.01	176.50
52588	99.68	8.10	-11.67	58.64	433.83	-846.40	-90.95	160.48	165.68
52589	100.59	8.10	-11.67	39.65	394.29	-832.04	-112.35	27.87	153.94
52590	96.69	8.70	-11.67	260.27	586.14	-1061.62	-14.58	388.02	192.73
52591	97.61	8.70	-11.67	177.93	534.14	-994.16	-45.59	352.08	194.44
52592	98.52	8.70	-11.67	111.22	483.59	-924.88	-75.91	274.78	185.53
52593	99.44	8.70	-11.67	65.59	436.32	-866.48	-103.07	161.69	170.79
52594	100.36	8.70	-11.67	46.19	394.98	-852.02	-121.44	24.93	152.61
52595	96.97	8.10	-13.00	287.65	721.41	-1015.74	9.35	262.08	147.52
52596	97.87	8.10	-13.00	184.26	648.79	-987.90	-29.26	237.80	146.84
52597	98.78	8.10	-13.00	103.00	579.07	-958.34	-66.96	182.01	140.23
52598	99.68	8.10	-13.00	55.68	513.92	-932.62	-102.79	97.10	132.67
52599	100.59	8.10	-13.00	43.53	463.90	-929.51	-128.16	-2.67	129.52
52600	96.69	8.70	-13.00	299.80	728.31	-1037.52	-5.47	266.10	159.44
52601	97.61	8.70	-13.00	194.72	652.45	-1009.28	-44.43	241.49	156.39
52602	98.52	8.70	-13.00	111.76	579.51	-978.94	-81.70	184.42	146.58
52603	99.44	8.70	-13.00	63.26	513.78	-952.35	-116.60	97.39	136.00
52604	100.36	8.70	-13.00	50.16	456.63	-948.47	-139.30	-6.47	128.47
52605	96.97	8.10	-14.33	311.27	883.60	-1005.87	30.62	103.75	120.03
52606	97.87	8.10	-14.33	165.54	778.65	-1002.46	-28.49	95.01	112.52
52607	98.78	8.10	-14.33	51.56	681.12	-997.12	-78.05	71.55	108.83
52608	99.68	8.10	-14.33	-5.45	598.84	-992.91	-121.34	35.78	100.05
52609	100.59	8.10	-14.33	21.67	510.52	-990.90	-177.06	-17.68	128.62
52610	96.69	8.70	-14.33	330.59	927.48	-1026.25	13.24	105.46	123.06
52611	97.61	8.70	-14.33	182.31	816.35	-1023.06	-47.06	96.35	113.15
52612	98.52	8.70	-14.33	66.11	717.09	-1017.17	-96.42	72.25	107.45
52613	99.44	8.70	-14.33	8.26	631.94	-1012.89	-136.83	35.24	96.73
52614	100.36	8.70	-14.33	37.08	562.83	-1007.56	-187.57	-21.78	120.22
52615	95.95	8.10	-11.67	324.37	618.97	-1084.27	20.57	384.03	163.56
52616	96.86	8.10	-11.67	335.22	628.74	-1110.99	8.94	389.69	181.84
52617	97.78	8.10	-11.67	385.46	651.21	-1113.97	37.05	368.86	147.14
52618	98.70	8.10	-11.67	395.37	662.09	-1141.24	25.55	375.28	166.76
52619	99.62	8.10	-11.67	443.83	681.62	-1134.05	50.05	344.75	126.34
52620	100.54	8.10	-11.67	453.14	693.41	-1162.20	38.95	352.06	146.60
52621	92.56	8.10	-11.67	497.29	710.18	-1143.72	59.30	315.67	102.21
52622	93.48	8.10	-11.67	506.46	723.00	-1172.84	48.84	323.55	122.76
52623	94.40	8.10	-11.67	544.86	737.00	-1143.82	65.50	284.40	76.17
52624	95.32	8.10	-11.67	553.53	750.43	-1173.95	55.65	292.38	97.02
52625	96.24	8.10	-11.67	586.75	762.24	-1136.83	69.67	252.92	49.86
52626	97.16	8.10	-11.67	595.15	776.19	-1167.88	60.61	260.85	71.00
52627	98.08	8.10	-11.67	624.08	785.76	-1125.87	72.99	222.35	24.75
52628	99.00	8.10	-11.67	632.38	800.10	-1157.73	64.83	229.90	45.82
52629	100.00	8.10	-11.67	657.80	807.01	-1113.62	75.73	193.28	2.09
52630	101.00	8.10	-11.67	665.95	821.49	-1146.16	68.27	199.98	22.97
52631	102.00	8.10	-11.67	688.22	825.89	-1101.80	78.00	166.15	-17.36
52632	103.00	8.10	-11.67	696.21	840.58	-1134.78	71.23	171.99	3.37
52633	104.00	8.10	-11.67	715.34	842.37	-1091.30	79.92	140.95	-33.53
52634	105.00	8.10	-11.67	723.09	857.21	-1124.50	73.78	145.89	-13.07
52635	106.00	8.10	-11.67	738.91	856.43	-1082.45	81.58	117.30	-46.61
52636	107.00	8.10	-11.67	746.36	871.41	-1115.68	76.06	121.33	-26.45
52637	108.00	8.10	-11.67	758.65	868.12	-1075.29	83.10	94.73	-56.82
52638	109.00	8.10	-11.67	765.76	883.22	-1108.41	78.18	97.87	-36.98
52639	110.00	8.10	-11.67	774.25	877.48	-1069.67	84.60	72.78	-64.43
52640	111.00	8.10	-11.67	781.02	892.69	-1102.62	80.28	75.10	-44.88
52641	112.00	8.10	-11.67	785.47	884.54	-1065.41	86.18	51.14	-69.64
52642	113.00	8.10	-11.67	791.92	899.83	-1098.16	82.45	52.69	-50.34
52643	114.00	8.10	-11.67	792.11	889.32	-1062.35	87.90	29.58	-72.62
52644	115.00	8.10	-11.67	798.27	904.66	-1094.92	84.75	30.41	-53.51
52645	116.00	8.10	-11.67	794.05	891.98	-1060.45	89.79	7.96	-73.44
52646	117.00	8.10	-11.67	800.00	907.29	-1092.82	87.15	8.05	-54.35
52647	118.00	8.10	-13.00	384.25	780.28	-1037.21	38.75	261.35	142.86
52648	119.00	8.10	-13.00	396.99	788.82	-1059.08	23.96	265.09	156.33
52649	120.00	8.10	-13.00	465.73	825.30	-1052.03	60.12	249.74	135.99
52650	121.00	8.10	-13.00	477.53	835.53	-1074.47	45.48	253.74	150.65
52651	122.00	8.10	-13.00	544.67	865.68	-1063.00	75.57	233.63	126.02
52652	123.00	8.10	-13.00	556.14	877.78	-1086.63	60.94	238.44	141.43
52653	124.00	8.10	-13.00	617.29	904.93	-1067.77	85.72	215.23	111.19
52654	125.00	8.10	-13.00	628.72	918.78	-1091.94	71.27	221.23	126.86
52655	126.00	8.10	-13.00	681.32	944.25	-1066.24	92.34	195.05	91.89
52656	127.00	8.10	-13.00	691.82	959.01	-1090.19	78.15	201.59	107.32
52657	128.00	8.10	-13.00	736.81	983.05	-1060.25	97.69	173.54	70.25
52658	129.00	8.10	-13.00	746.76	998.78	-1083.64	84.56	180.09	85.33
52659	130.00	8.10	-13.00	785.35	1019.30	-1052.15	102.93	151.59	48.91
52660	131.00	8.10	-13.00	795.37	1035.51	-1075.21	91.33	157.70	63.67
52661	132.00	8.10	-13.00	828.16	1051.13	-1043.80	107.43	130.27	29.78
52662	133.00	8.10	-13.00	838.32	1067.29	-1066.93	96.99	135.53	44.45
52663	134.00	8.10	-13.00	865.47	1078.37	-1036.11	110.56	110.52	13.64
52664	135.00	8.10	-13.00	875.81	1094.65	-1059.44	101.23	115.07	28.42
52665	136.00	8.10	-13.00	897.37	1101.37	-1029.37	112.32	92.59	0.40
52666	137.00	8.10	-13.00	907.76	1117.78	-1052.89	103.98	96.45	15.14
52667	138.00	8.10	-13.00	923.87	1120.49	-1023.63	112.92	76.18	-10.27
52668	139.00	8.10	-13.00	934.21	1137.08	-1047.27	105.54	79.35	4.38

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]
52669	83.53	8.10	-13.00	945.06	1136.07	-1018.83	112.68	60.89	-18.60
52670	83.45	8.70	-13.00	955.25	1152.83	-1042.54	106.25	63.37	-4.10
52671	82.40	8.10	-13.00	960.95	1148.33	-1014.88	111.90	46.32	-24.84
52672	82.34	8.70	-13.00	970.95	1165.24	-1038.62	106.40	48.14	-10.47
52673	81.27	8.10	-13.00	971.54	1157.44	-1011.69	110.87	32.15	-29.15
52674	81.23	8.70	-13.00	981.30	1174.47	-1035.45	106.27	33.34	-14.91
52675	80.14	8.10	-13.00	976.77	1163.53	-1009.20	109.81	18.10	-31.68
52676	80.12	8.70	-13.00	986.28	1180.62	-1032.95	106.09	18.71	-17.53
52677	79.01	8.10	-13.00	976.59	1166.75	-1007.32	108.91	4.00	-32.45
52678	79.01	8.70	-13.00	985.86	1183.84	-1031.06	106.03	4.00	-18.37
52679	95.95	8.10	-14.33	444.85	961.39	-1009.94	75.08	99.92	132.17
52680	95.68	8.70	-14.33	464.99	1012.12	-1029.72	58.84	101.04	137.77
52681	94.82	8.10	-14.33	555.84	1008.62	-1014.80	98.39	94.58	139.35
52682	94.56	8.70	-14.33	574.69	1058.58	-1035.10	83.02	95.26	148.04
52683	93.69	8.10	-14.33	660.84	1055.36	-1017.29	117.98	88.68	139.27
52684	93.45	8.70	-14.33	679.43	1100.41	-1038.75	102.33	89.90	151.38
52685	92.56	8.10	-14.33	756.77	1103.63	-1017.78	128.76	82.71	135.21
52686	92.34	8.70	-14.33	775.74	1148.67	-1039.63	109.10	85.74	148.09
52687	91.43	8.10	-14.33	839.60	1159.23	-1015.86	134.90	75.91	126.17
52688	91.23	8.70	-14.33	857.41	1212.55	-1036.96	113.97	79.83	136.26
52689	90.30	8.10	-14.33	910.23	1217.62	-1012.29	141.02	67.73	114.56
52690	90.12	8.70	-14.33	928.17	1279.61	-1032.38	121.70	71.62	121.55
52691	89.18	8.10	-14.33	970.92	1271.90	-1008.13	147.50	58.87	103.01
52692	89.01	8.70	-14.33	990.02	1340.59	-1027.46	130.91	62.29	107.37
52693	88.05	8.10	-14.33	1022.95	1318.23	-1004.10	152.54	50.13	92.93
52694	87.90	8.70	-14.33	1043.41	1391.15	-1023.07	138.33	52.79	95.53
52695	86.92	8.10	-14.33	1066.73	1356.46	-1000.49	154.89	42.21	84.76
52696	86.79	8.70	-14.33	1088.29	1432.42	-1019.31	142.54	44.44	86.29
52697	85.79	8.10	-14.33	1102.71	1387.85	-997.27	154.63	35.27	78.18
52698	85.67	8.70	-14.33	1125.06	1466.41	-1016.02	143.92	37.14	78.78
52699	84.66	8.10	-14.33	1131.53	1413.45	-994.39	152.31	29.10	72.91
52700	84.56	8.70	-14.33	1154.41	1494.22	-1013.09	143.15	30.61	72.71
52701	83.53	8.10	-14.33	1153.74	1433.99	-991.81	148.52	23.48	68.77
52702	83.45	8.70	-14.33	1176.95	1516.60	-1010.47	140.83	24.63	67.90
52703	82.40	8.10	-14.33	1169.69	1450.00	-989.49	143.76	18.20	65.63
52704	82.34	8.70	-14.33	1193.06	1534.11	-1008.14	137.47	19.02	64.21
52705	81.27	8.10	-14.33	1179.57	1461.84	-987.40	138.51	13.11	63.39
52706	81.23	8.70	-14.33	1202.94	1547.12	-1006.04	133.56	13.62	61.53
52707	80.14	8.10	-14.33	1183.40	1469.75	-985.53	133.15	8.07	61.99
52708	80.12	8.70	-14.33	1206.64	1555.88	-1004.17	129.51	8.27	59.80
52709	79.01	8.10	-14.33	1181.10	1473.87	-983.85	128.05	2.97	61.47
52710	79.01	8.70	-14.33	1204.11	1560.44	-1002.51	125.70	2.83	59.06
52711	60.95	8.10	-11.67	234.37	741.21	-1003.97	213.96	-224.17	136.85
52712	62.08	8.10	-11.67	291.50	749.80	-1027.93	195.15	-240.09	125.17
52713	63.21	8.10	-11.67	349.65	760.09	-1048.11	179.06	-246.60	110.08
52714	64.34	8.10	-11.67	406.48	771.83	-1062.65	165.84	-245.40	91.79
52715	65.47	8.10	-11.67	460.13	784.82	-1070.97	155.02	-237.56	71.00
52716	66.60	8.10	-11.67	509.75	798.92	-1073.95	145.79	-224.39	49.22
52717	67.72	8.10	-11.67	555.64	813.57	-1073.36	137.26	-207.39	27.82
52718	68.85	8.10	-11.67	598.09	827.83	-1070.95	129.45	-187.76	7.94
52719	69.98	8.10	-11.67	637.00	841.35	-1067.96	122.43	-166.75	-9.66
52720	71.11	8.10	-11.67	672.21	853.79	-1065.09	116.14	-145.19	-24.82
52721	72.24	8.10	-11.67	703.42	864.85	-1062.74	110.61	-123.44	-37.66
52722	73.37	8.10	-11.67	730.35	874.36	-1061.07	105.76	-101.61	-48.32
52723	74.50	8.10	-11.67	752.77	882.10	-1060.08	101.53	-79.73	-56.97
52724	75.63	8.10	-11.67	770.47	887.89	-1059.65	97.83	-57.79	-63.79
52725	76.76	8.10	-11.67	783.30	891.47	-1059.56	94.62	-35.80	-68.87
52726	77.89	8.10	-11.67	791.16	892.75	-1059.68	91.94	-13.83	-72.15
52727	61.22	8.70	-11.67	245.24	747.81	-1031.02	209.69	-232.36	161.66
52728	62.34	8.70	-11.67	301.20	758.56	-1056.05	192.22	-248.31	149.15
52729	63.45	8.70	-11.67	358.53	770.69	-1077.29	176.99	-254.61	133.14
52730	64.56	8.70	-11.67	415.34	784.03	-1092.63	164.39	-253.52	113.97
52731	65.67	8.70	-11.67	468.16	798.02	-1101.62	154.32	-244.86	92.30
52732	66.78	8.70	-11.67	517.23	812.98	-1105.02	145.37	-231.06	70.33
52733	67.89	8.70	-11.67	562.90	828.15	-1104.72	136.92	-213.46	48.63
52734	69.00	8.70	-11.67	604.99	842.61	-1102.55	129.35	-192.90	28.52
52735	70.11	8.70	-11.67	643.66	856.41	-1099.61	122.36	-171.15	10.95
52736	71.23	8.70	-11.67	678.66	868.99	-1096.67	116.06	-148.93	-4.19
52737	72.34	8.70	-11.67	709.67	880.18	-1094.14	110.43	-126.56	-16.98
52738	73.45	8.70	-11.67	736.44	889.78	-1092.25	105.38	-104.16	-27.56
52739	74.56	8.70	-11.67	758.75	897.64	-1091.11	100.84	-81.77	-36.16
52740	75.67	8.70	-11.67	776.39	903.54	-1090.67	96.72	-59.37	-43.00
52741	76.78	8.70	-11.67	789.19	907.21	-1090.85	92.96	-36.96	-48.35
52742	77.89	8.70	-11.67	797.06	908.27	-1091.56	89.69	-14.57	-52.43
52743	60.95	8.10	-13.00	234.38	950.80	-976.11	241.35	-149.66	123.15
52744	62.08	8.10	-13.00	308.28	962.77	-990.62	217.97	-160.30	119.84
52745	63.21	8.10	-13.00	385.20	975.00	-1003.16	199.34	-165.63	113.79
52746	64.34	8.10	-13.00	461.03	990.65	-1011.49	184.80	-166.86	102.91
52747	65.47	8.10	-13.00	532.62	1010.46	-1014.99	172.97	-163.31	87.17
52748	66.60	8.10	-13.00	598.82	1033.43	-1014.89	161.84	-154.92	68.74
52749	67.72	8.10	-13.00	660.24	1057.03	-1012.92	150.49	-142.83	50.14
52750	68.85	8.10	-13.00	717.08	1078.89	-1010.50	139.92	-128.40	33.12
52751	69.98	8.10	-13.00	768.85	1098.47	-1008.31	130.89	-113.10	18.45
52752	71.11	8.10	-13.00	815.17	1115.66	-1006.55	123.58	-97.74	6.06
52753	72.24	8.10	-13.00	855.74	1130.45	-1005.28	117.96	-82.60	-4.30
52754	73.37	8.10	-13.00	890.47	1142.84	-1004.51	113.83	-67.71	-12.82
52755	74.50	8.10	-13.00	919.33	1152.78	-1004.23	110.99	-53.07	-19.66
52756	75.63	8.10	-13.00	942.33	1160.22	-1004.40	109.26	-38.63	-24.97
52757	76.76	8.10	-13.00	959.50	1165.08	-1004.97	108.44	-24.37	-28.88
52758	77.89	8.10	-13.00	970.88	1167.27	-1005.94	108.36	-10.21	-31.44
52759	61.22	8.70	-13.00	247.28	955.09	-998.79	236.26	-155.48	141.55
52760	62.34	8.70	-13.00	320.07	970.24	-1013.97	214.50	-165.77	137.83
52761	63.45	8.70	-13.00	396.53	985.70	-1027.64	197.39	-171.06	131.38
52762	64.56	8.70	-13.00	472.61	1003.93	-1036.30	184.23	-173.23	119.86
52763	65.67	8.70	-13.00	542.99	1025.19	-1039.41	173.86	-169.51	102.91
52764	66.78	8.70	-13.00	608.37	1049.62	-1038.53	163.05	-160.70	83.71
52765	67.89	8.70	-13.00	669.64	1073.86	-1036.04	151.49	-148.02	64.50
52766	69.00	8.70	-13.00	726.23	1095.68	-1033.59	140.99	-132.68	47.22
52767	70.11	8.70	-13.00	777.92	1115.35	-1031.51	131.86	-116.76	32.61

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]
52768	71.23	8.70	-13.00	824.14	1132.54	-1029.89	124.42	-100.88	20.21
52769	72.34	8.70	-13.00	864.63	1147.32	-1028.71	118.56	-85.25	9.82
52770	73.45	8.70	-13.00	899.29	1159.69	-1028.00	114.08	-69.90	1.25
52771	74.56	8.70	-13.00	928.14	1169.62	-1027.76	110.80	-54.81	-5.62
52772	75.67	8.70	-13.00	951.18	1177.06	-1027.96	108.51	-39.96	-10.94
52773	76.78	8.70	-13.00	968.45	1181.99	-1028.59	107.05	-25.30	-14.81
52774	77.89	8.70	-13.00	980.00	1184.28	-1029.62	106.26	-10.79	-17.36
52775	60.95	8.10	-14.33	212.53	1190.34	-960.48	254.84	-53.90	124.91
52776	62.08	8.10	-14.33	312.43	1191.39	-967.51	230.35	-56.92	133.40
52777	63.21	8.10	-14.33	414.58	1199.30	-972.60	207.63	-59.39	134.70
52778	64.34	8.10	-14.33	515.70	1215.46	-976.12	191.73	-61.20	132.03
52779	65.47	8.10	-14.33	610.61	1244.59	-977.58	179.25	-60.95	124.25
52780	66.60	8.10	-14.33	698.25	1281.66	-977.63	166.07	-57.90	113.86
52781	67.72	8.10	-14.33	779.22	1319.12	-977.16	152.03	-52.90	103.40
52782	68.85	8.10	-14.33	853.31	1352.49	-976.79	139.28	-46.82	94.12
52783	69.98	8.10	-14.33	919.75	1380.97	-976.73	129.25	-40.54	86.48
52784	71.11	8.10	-14.33	978.22	1405.09	-976.95	122.13	-34.50	80.21
52785	72.24	8.10	-14.33	1028.82	1425.30	-977.40	117.68	-28.69	75.03
52786	73.37	8.10	-14.33	1071.77	1441.90	-978.06	115.54	-23.09	70.82
52787	74.50	8.10	-14.33	1107.36	1455.03	-978.90	115.36	-17.68	67.47
52788	75.63	8.10	-14.33	1135.86	1464.80	-979.91	116.83	-12.41	64.90
52789	76.76	8.10	-14.33	1157.51	1471.24	-981.08	119.64	-7.27	63.04
52790	77.89	8.10	-14.33	1172.53	1474.31	-982.38	123.46	-2.19	61.86
52791	61.22	8.70	-14.33	232.79	1234.69	-980.89	246.85	-55.87	132.06
52792	62.34	8.70	-14.33	331.46	1237.40	-988.52	223.84	-58.10	143.02
52793	63.45	8.70	-14.33	433.36	1242.65	-994.77	203.32	-60.54	147.24
52794	64.56	8.70	-14.33	535.60	1260.27	-998.52	193.34	-64.21	144.96
52795	65.67	8.70	-14.33	629.28	1298.49	-999.19	184.52	-64.50	133.89
52796	66.78	8.70	-14.33	716.68	1344.76	-998.19	171.79	-61.31	120.37
52797	67.89	8.70	-14.33	798.39	1389.11	-996.91	157.04	-55.95	107.25
52798	69.00	8.70	-14.33	873.13	1426.82	-996.15	143.72	-49.16	96.16
52799	70.11	8.70	-14.33	940.16	1458.37	-995.88	133.24	-42.56	87.50
52800	71.23	8.70	-14.33	999.10	1484.93	-995.98	125.70	-36.28	80.35
52801	72.34	8.70	-14.33	1050.08	1507.13	-996.33	120.73	-30.24	74.45
52802	73.45	8.70	-14.33	1093.38	1525.32	-996.91	117.95	-24.41	69.66
52803	74.56	8.70	-14.33	1129.30	1539.68	-997.69	117.03	-18.77	65.86
52804	75.67	8.70	-14.33	1158.11	1550.35	-998.65	117.66	-13.28	62.97
52805	76.78	8.70	-14.33	1180.06	1557.41	-999.78	119.54	-7.92	60.91
52806	77.89	8.70	-14.33	1195.35	1560.86	-1001.05	122.34	-2.69	59.52
52807	56.31	8.10	-11.67	-344.10	754.60	-1734.36	471.10	469.09	-229.32
52808	57.22	8.10	-11.67	-91.24	802.28	-914.45	342.26	88.15	138.20
52809	58.12	8.10	-11.67	26.17	737.24	-923.75	304.73	-41.21	147.16
52810	59.03	8.10	-11.67	97.51	731.22	-936.63	271.90	-124.36	151.29
52811	59.93	8.10	-11.67	168.87	733.97	-972.42	239.27	-189.12	146.18
52812	56.54	8.70	-11.67	-137.81	863.78	-1566.99	302.81	343.83	53.43
52813	57.46	8.70	-11.67	-25.41	768.78	-939.92	320.72	68.68	192.32
52814	58.38	8.70	-11.67	52.58	734.20	-945.25	291.84	-44.87	184.34
52815	59.29	8.70	-11.67	112.89	730.72	-960.63	263.69	-131.55	181.30
52816	60.21	8.70	-11.67	180.82	737.63	-998.08	233.52	-197.34	172.60
52817	56.31	8.10	-13.00	67.69	905.86	-1143.93	306.12	101.18	13.24
52818	57.22	8.10	-13.00	-64.83	912.12	-1017.95	373.69	139.16	76.03
52819	58.12	8.10	-13.00	-3.01	925.53	-914.49	343.24	1.77	119.82
52820	59.03	8.10	-13.00	70.48	926.71	-937.43	309.77	-75.10	124.04
52821	59.93	8.10	-13.00	152.79	938.11	-957.90	272.13	-125.55	124.93
52822	56.54	8.70	-13.00	63.34	887.15	-1131.21	316.49	116.74	86.71
52823	57.46	8.70	-13.00	-27.80	909.03	-1009.98	349.17	111.62	137.55
52824	58.38	8.70	-13.00	21.02	914.38	-939.50	330.71	-8.90	148.40
52825	59.29	8.70	-13.00	86.14	922.25	-960.79	300.68	-82.67	146.67
52826	60.21	8.70	-13.00	166.27	938.87	-980.65	265.21	-132.33	144.47
52827	56.31	8.10	-14.33	77.63	1056.68	-973.14	394.56	32.16	97.28
52828	57.22	8.10	-14.33	1.13	1155.56	-966.08	400.18	50.83	85.88
52829	58.12	8.10	-14.33	-39.94	1160.83	-944.24	386.83	20.57	97.96
52830	59.03	8.10	-14.33	8.69	1164.49	-945.65	349.78	-24.67	103.34
52831	59.93	8.10	-14.33	108.36	1180.03	-953.82	296.78	-47.77	111.02
52832	56.54	8.70	-14.33	94.00	1105.95	-985.80	396.99	45.12	112.84
52833	57.46	8.70	-14.33	9.62	1175.01	-979.67	389.35	46.81	100.18
52834	58.38	8.70	-14.33	-23.15	1181.53	-963.22	373.18	12.42	105.84
52835	59.29	8.70	-14.33	27.95	1189.97	-967.38	338.12	-28.93	108.12
52836	60.21	8.70	-14.33	128.65	1214.86	-974.65	287.08	-50.83	116.36
52837	79.15	20.20	-11.67	712.09	454.26	-1598.84	14.59	25.06	656.07
52838	80.55	20.10	-11.67	709.34	457.62	-1596.68	-17.21	71.91	652.55
52839	81.94	19.90	-11.67	699.41	465.21	-1589.46	-47.24	117.95	643.82
52840	83.31	19.62	-11.67	682.68	476.60	-1577.04	-74.57	162.52	629.92
52841	84.65	19.23	-11.67	659.71	491.17	-1559.51	-98.27	204.91	611.22
52842	85.97	18.76	-11.67	631.24	508.28	-1537.02	-117.57	244.46	588.18
52843	87.25	18.19	-11.67	598.19	527.16	-1509.67	-131.85	280.58	561.31
52844	88.49	17.54	-11.67	561.60	546.87	-1477.56	-140.63	312.84	531.22
52845	89.68	16.80	-11.67	522.61	566.28	-1440.79	-143.52	340.98	498.47
52846	90.82	15.98	-11.67	482.63	584.11	-1399.56	-140.19	364.86	463.36
52847	91.89	15.08	-11.67	443.29	597.84	-1354.66	-131.27	384.30	426.24
52848	92.91	14.11	-11.67	405.21	607.00	-1307.37	-117.75	399.20	386.51
52849	93.85	13.08	-11.67	369.37	611.58	-1258.80	-100.72	408.33	344.41
52850	94.72	11.98	-11.67	335.72	611.39	-1208.80	-80.59	410.49	301.38
52851	95.51	10.82	-11.67	304.81	606.22	-1156.25	-57.83	406.32	259.92
52852	96.21	9.62	-11.67	277.20	596.09	-1101.87	-33.05	397.89	219.72
52853	79.19	21.03	-11.67	682.09	301.68	-1551.81	4.11	25.33	628.62
52854	80.67	20.93	-11.67	677.78	307.15	-1549.98	-34.67	67.84	625.49
52855	82.14	20.72	-11.67	665.24	318.71	-1542.35	-71.91	109.99	616.84
52856	83.59	20.41	-11.67	644.93	334.94	-1529.26	-105.91	151.07	603.38
52857	85.02	19.99	-11.67	617.53	355.31	-1511.05	-135.31	190.20	585.55
52858	86.41	19.48	-11.67	583.91	379.18	-1487.85	-159.15	226.64	563.69
52859	87.77	18.87	-11.67	545.25	405.54	-1459.73	-176.72	259.89	538.20
52860	89.07	18.17	-11.67	502.93	433.19	-1426.83	-187.46	289.56	509.60
52861	90.33	17.37	-11.67	458.52	460.67	-1389.32	-191.00	315.41	478.38
52862	91.52	16.49	-11.67	413.76	486.10	-1347.56	-187.37	337.23	444.90
52863	92.65	15.53	-11.67	370.24	507.77	-1302.17	-177.38	354.79	409.18
52864	93.71	14.48	-11.67	328.95	524.76	-1253.91	-162.28	367.38	371.31
52865	94.69	13.37	-11.67	290.30	536.82	-1203.25	-143.17	374.06	332.07
52866	95.59	12.19	-11.67	254.54	544.06	-1149.77	-120.60	374.57	293.22

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]
52867	96.40	10.95	-11.67	222.25	545.48	-1093.11	-94.69	369.95	255.54
52868	97.13	9.66	-11.67	194.24	540.80	-1035.06	-66.22	361.61	218.82
52869	79.23	21.87	-11.67	654.17	161.81	-1500.24	-3.73	21.82	529.89
52870	80.80	21.76	-11.67	647.76	172.91	-1496.50	-47.86	53.29	524.05
52871	82.35	21.54	-11.67	632.71	188.66	-1486.81	-91.52	86.38	515.10
52872	83.88	21.20	-11.67	609.99	208.85	-1472.56	-131.28	118.97	503.75
52873	85.39	20.76	-11.67	579.48	233.73	-1453.88	-165.36	149.66	489.59
52874	86.86	20.20	-11.67	542.08	262.79	-1430.34	-192.93	178.11	472.34
52875	88.28	19.55	-11.67	499.29	294.87	-1401.90	-213.33	204.07	452.22
52876	89.65	18.79	-11.67	452.83	328.52	-1368.71	-225.98	227.27	429.59
52877	90.97	17.94	-11.67	404.53	362.05	-1331.02	-230.65	247.49	404.81
52878	92.22	17.00	-11.67	356.26	393.65	-1289.14	-227.61	264.49	378.12
52879	93.40	15.97	-11.67	309.57	421.84	-1243.53	-217.73	277.91	349.70
52880	94.51	14.85	-11.67	265.46	445.73	-1194.56	-202.18	287.17	319.95
52881	95.53	13.67	-11.67	224.44	465.05	-1142.34	-181.95	291.81	289.85
52882	96.46	12.41	-11.67	187.09	479.34	-1086.42	-157.53	291.93	260.62
52883	97.30	11.08	-11.67	154.25	487.01	-1026.73	-129.28	288.37	232.39
52884	98.05	9.70	-11.67	126.52	487.30	-965.96	-98.05	282.19	204.17
52885	79.28	22.71	-11.67	631.16	55.30	-1482.71	-8.29	10.72	369.94
52886	80.92	22.59	-11.67	618.91	69.40	-1463.74	-55.35	25.57	356.22
52887	82.56	22.35	-11.67	602.90	88.30	-1446.29	-104.73	47.64	346.61
52888	84.17	21.99	-11.67	579.99	110.30	-1430.24	-148.25	67.48	339.84
52889	85.75	21.52	-11.67	548.15	137.64	-1410.98	-185.14	84.87	332.27
52890	87.30	20.93	-11.67	508.80	169.54	-1386.95	-215.11	100.84	323.14
52891	88.80	20.23	-11.67	463.86	204.76	-1358.06	-237.52	115.55	312.47
52892	90.24	19.42	-11.67	415.21	241.73	-1324.44	-251.83	128.88	300.41
52893	91.62	18.52	-11.67	364.82	278.78	-1286.28	-257.92	140.72	287.12
52894	92.93	17.51	-11.67	314.55	314.28	-1243.88	-256.12	150.87	272.69
52895	94.16	16.41	-11.67	265.94	346.95	-1197.53	-247.23	159.04	257.31
52896	95.31	15.22	-11.67	220.03	375.98	-1147.42	-232.25	164.85	241.39
52897	96.37	13.96	-11.67	177.58	400.88	-1093.50	-211.98	168.10	225.68
52898	97.34	12.62	-11.67	139.42	420.77	-1035.25	-187.06	168.88	211.05
52899	98.20	11.21	-11.67	106.60	433.53	-972.41	-158.10	167.72	197.09
52900	98.96	9.75	-11.67	79.63	437.71	-908.29	-125.75	165.51	181.58
52901	79.32	23.55	-11.67	607.15	7.50	-1554.56	-15.52	-3.14	144.22
52902	81.05	23.42	-11.67	590.13	16.25	-1509.77	-61.93	-11.66	134.97
52903	82.77	23.17	-11.67	574.43	33.39	-1477.13	-109.89	-2.86	129.84
52904	84.46	22.78	-11.67	554.04	54.83	-1458.21	-152.59	0.90	130.13
52905	86.12	22.28	-11.67	522.86	81.59	-1437.67	-189.06	1.01	131.61
52906	87.74	21.65	-11.67	484.27	113.00	-1412.14	-219.10	1.16	133.48
52907	89.31	20.91	-11.67	440.09	147.64	-1381.76	-241.87	1.59	135.67
52908	90.82	20.05	-11.67	392.22	184.07	-1346.42	-256.89	2.57	138.00
52909	92.26	19.09	-11.67	342.55	220.81	-1306.32	-264.07	4.16	140.32
52910	93.63	18.02	-11.67	292.90	256.53	-1261.65	-263.77	6.30	142.52
52911	94.92	16.85	-11.67	244.78	290.19	-1212.62	-256.63	8.78	144.60
52912	96.11	15.59	-11.67	199.32	321.04	-1159.30	-243.44	11.36	146.78
52913	97.21	14.25	-11.67	157.33	348.37	-1101.53	-224.87	13.84	149.53
52914	98.21	12.83	-11.67	119.57	371.09	-1038.40	-201.45	16.17	153.42
52915	99.10	11.34	-11.67	86.68	386.68	-968.94	-173.68	18.93	157.34
52916	99.88	9.79	-11.67	60.12	394.02	-897.21	-143.19	22.58	157.42
52917	79.15	20.20	-13.00	850.93	557.06	-1555.30	19.99	16.65	470.23
52918	80.55	20.10	-13.00	849.26	560.19	-1553.11	-20.39	49.23	468.18
52919	81.94	19.90	-13.00	838.63	568.67	-1546.02	-58.20	81.17	462.69
52920	83.31	19.62	-13.00	819.21	582.31	-1534.17	-92.27	111.95	453.70
52921	84.65	19.23	-13.00	791.68	600.65	-1517.52	-121.66	141.20	441.34
52922	85.97	18.76	-13.00	757.06	622.85	-1496.21	-145.51	168.49	426.04
52923	87.25	18.19	-13.00	716.57	647.92	-1470.31	-163.09	193.42	408.25
52924	88.49	17.54	-13.00	671.55	674.72	-1439.90	-173.75	215.68	388.51
52925	89.68	16.80	-13.00	623.40	702.05	-1404.98	-176.90	235.14	367.42
52926	90.82	15.98	-13.00	573.84	728.45	-1365.48	-171.77	251.88	345.44
52927	91.89	15.08	-13.00	525.08	750.15	-1321.92	-158.58	266.17	322.70
52928	92.91	14.11	-13.00	478.32	764.41	-1275.66	-138.60	278.04	297.45
52929	93.85	13.08	-13.00	434.76	769.75	-1228.65	-114.65	285.43	268.23
52930	94.72	11.98	-13.00	393.42	768.03	-1181.28	-88.41	285.95	236.95
52931	95.51	10.82	-13.00	355.02	761.23	-1130.18	-59.47	281.00	208.66
52932	96.21	9.62	-13.00	321.01	745.73	-1075.64	-28.37	274.02	180.73
52933	79.19	21.03	-13.00	794.85	361.79	-1571.95	6.64	17.08	447.58
52934	80.67	20.93	-13.00	792.20	366.20	-1569.11	-42.39	47.15	446.13
52935	82.14	20.72	-13.00	779.04	377.74	-1561.93	-88.04	76.06	441.53
52936	83.59	20.41	-13.00	755.78	396.41	-1549.06	-129.16	104.21	432.96
52937	85.02	19.99	-13.00	723.26	421.26	-1531.06	-164.59	131.09	421.17
52938	86.41	19.48	-13.00	682.90	451.26	-1508.11	-193.33	156.17	406.53
52939	87.77	18.87	-13.00	636.28	484.96	-1480.30	-214.42	179.11	389.41
52940	89.07	18.17	-13.00	585.14	520.79	-1447.75	-227.07	199.65	370.25
52941	90.33	17.37	-13.00	531.41	557.02	-1410.60	-230.65	217.65	349.48
52942	91.52	16.49	-13.00	477.26	591.16	-1369.11	-224.94	233.11	327.38
52943	92.65	15.53	-13.00	424.84	620.44	-1323.76	-210.82	245.94	303.64
52944	93.71	14.48	-13.00	375.49	642.86	-1275.30	-190.22	255.40	277.79
52945	94.69	13.37	-13.00	329.38	658.11	-1224.30	-165.33	260.20	250.24
52946	95.59	12.19	-13.00	286.36	667.73	-1170.35	-137.05	259.77	223.24
52947	96.40	10.95	-13.00	247.68	671.55	-1111.82	-104.92	255.44	198.86
52948	97.13	9.66	-13.00	214.56	665.34	-1050.44	-69.72	249.02	174.95
52949	79.23	21.87	-13.00	742.78	190.73	-1579.58	-5.36	16.70	366.41
52950	80.80	21.76	-13.00	738.56	197.02	-1581.39	-59.49	37.51	368.16
52951	82.35	21.54	-13.00	723.62	212.71	-1572.72	-111.14	59.24	363.40
52952	83.88	21.20	-13.00	697.69	234.98	-1558.44	-157.38	80.96	356.49
52953	85.39	20.76	-13.00	661.85	264.72	-1539.20	-197.34	101.44	347.37
52954	86.86	20.20	-13.00	617.64	300.25	-1514.68	-229.87	120.52	335.93
52955	88.28	19.55	-13.00	567.03	339.94	-1485.03	-253.92	138.00	322.47
52956	89.65	18.79	-13.00	512.06	381.93	-1450.43	-268.64	153.67	307.33
52957	90.97	17.94	-13.00	454.92	424.10	-1411.08	-273.58	167.39	290.78
52958	92.22	17.00	-13.00	397.88	464.09	-1367.28	-268.98	179.02	272.94
52959	93.40	15.97	-13.00	342.89	499.77	-1319.43	-255.88	188.28	253.80
52960	94.51	14.85	-13.00	291.11	529.89	-1267.89	-235.96	194.63	233.55
52961	95.53	13.67	-13.00	243.01	554.49	-1212.81	-210.65	197.55	213.07
52962	96.46	12.41	-13.00	199.33	573.92	-1153.86	-180.57	197.12	193.88
52963	97.30	11.08	-13.00	161.54	587.00	-1089.70	-146.08	194.15	177.30
52964	98.05	9.70	-13.00	129.98	588.63	-1022.49	-108.19	189.93	160.57
52965	79.28	22.71	-13.00	699.49	49.58	-1617.21	-6.62	4.81	253.40



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]
52966	80.92	22.59	-13.00	692.39	77.21	-1603.54	-67.69	15.22	236.56
52967	82.56	22.35	-13.00	677.56	93.67	-1588.32	-123.76	30.00	231.16
52968	84.17	21.99	-13.00	651.98	118.25	-1572.77	-172.67	41.49	228.12
52969	85.75	21.52	-13.00	615.08	149.97	-1552.21	-214.65	51.38	224.10
52970	87.30	20.93	-13.00	569.83	187.67	-1525.91	-249.19	60.80	218.81
52971	88.80	20.23	-13.00	518.23	229.57	-1494.28	-275.09	69.54	212.60
52972	90.24	19.42	-13.00	462.37	273.81	-1457.41	-291.59	77.54	205.55
52973	91.62	18.52	-13.00	404.48	318.35	-1415.55	-298.41	84.71	197.76
52974	92.93	17.51	-13.00	346.74	361.18	-1368.98	-295.89	90.93	189.26
52975	94.16	16.41	-13.00	290.94	400.70	-1318.01	-284.98	95.98	180.12
52976	95.31	15.22	-13.00	238.31	435.99	-1262.89	-266.89	99.54	170.65
52977	96.37	13.96	-13.00	189.70	466.77	-1203.71	-242.69	101.44	161.50
52978	97.34	12.62	-13.00	146.22	492.79	-1140.22	-213.26	101.72	153.72
52979	98.20	11.21	-13.00	109.50	512.60	-1070.80	-179.48	100.68	148.49
52980	98.96	9.75	-13.00	79.72	520.16	-998.14	-142.25	99.80	142.67
52981	79.32	23.55	-13.00	671.72	-3.53	-1778.47	-1.99	-36.09	110.75
52982	81.05	23.42	-13.00	644.87	19.63	-1674.92	-68.00	-25.39	72.41
52983	82.77	23.17	-13.00	643.97	37.82	-1643.39	-125.69	-6.41	70.21
52984	84.46	22.78	-13.00	619.57	60.83	-1629.38	-172.12	-9.71	72.97
52985	86.12	22.28	-13.00	584.62	91.29	-1606.06	-213.25	-12.24	75.45
52986	87.74	21.65	-13.00	541.47	126.99	-1577.97	-247.22	-14.81	78.75
52987	89.31	20.91	-13.00	492.16	166.57	-1543.98	-273.15	-16.75	82.51
52988	90.82	20.05	-13.00	438.65	208.35	-1504.47	-290.40	-17.94	86.61
52989	92.26	19.09	-13.00	383.04	250.66	-1459.60	-298.81	-18.31	90.89
52990	93.63	18.02	-13.00	327.32	291.94	-1409.63	-298.69	-17.89	95.23
52991	94.92	16.85	-13.00	273.23	331.02	-1354.80	-290.81	-16.81	99.57
52992	96.11	15.59	-13.00	222.06	367.12	-1295.32	-276.04	-15.29	104.07
52993	97.21	14.25	-13.00	174.78	399.72	-1231.28	-255.26	-13.52	109.14
52994	98.21	12.83	-13.00	132.39	428.43	-1162.39	-229.39	-11.75	115.69
52995	99.10	11.34	-13.00	96.04	452.07	-1085.15	-199.37	-10.20	125.66
52996	99.88	9.79	-13.00	67.00	463.34	-1000.38	-165.29	-8.21	133.45
52997	79.15	20.20	-14.33	1016.93	659.67	-1531.51	24.58	6.98	220.40
52998	80.55	20.10	-14.33	1015.98	663.20	-1528.87	-27.78	20.00	219.76
52999	81.94	19.90	-14.33	1003.36	673.86	-1521.84	-76.59	32.74	217.93
53000	83.31	19.62	-14.33	979.34	691.69	-1510.26	-120.21	44.99	214.82
53001	84.65	19.23	-14.33	944.75	716.38	-1494.22	-157.49	56.62	210.42
53002	85.97	18.76	-14.33	900.93	746.86	-1473.77	-187.48	67.49	204.95
53003	87.25	18.19	-14.33	849.60	781.75	-1449.03	-209.22	77.41	198.66
53004	88.49	17.54	-14.33	792.60	819.66	-1420.09	-221.87	86.28	191.83
53005	89.68	16.80	-14.33	731.77	859.34	-1387.02	-224.65	94.04	184.85
53006	90.82	15.98	-14.33	669.25	899.80	-1349.80	-216.25	100.86	178.20
53007	91.89	15.08	-14.33	608.06	936.12	-1308.73	-196.23	107.06	172.17
53008	92.91	14.11	-14.33	549.68	963.00	-1264.51	-165.57	113.01	165.22
53009	93.85	13.08	-14.33	495.54	972.62	-1218.47	-128.74	117.14	154.82
53010	94.72	11.98	-14.33	442.99	964.39	-1171.60	-92.31	116.59	140.40
53011	95.51	10.82	-14.33	394.18	954.75	-1121.06	-55.34	112.60	128.62
53012	96.21	9.62	-14.33	354.69	946.96	-1066.10	-15.56	109.51	123.04
53013	79.19	21.03	-14.33	926.69	384.03	-1586.09	7.24	7.20	209.17
53014	80.67	20.93	-14.33	924.58	387.57	-1583.94	-58.25	19.45	209.05
53015	82.14	20.72	-14.33	909.12	400.02	-1576.03	-118.04	31.02	207.74
53016	83.59	20.41	-14.33	880.10	423.08	-1563.32	-170.91	42.19	204.69
53017	85.02	19.99	-14.33	838.62	455.97	-1545.52	-216.28	52.93	200.06
53018	86.41	19.48	-14.33	786.92	496.52	-1522.89	-253.07	62.95	194.31
53019	87.77	18.87	-14.33	727.33	542.46	-1495.51	-279.91	72.14	187.54
53020	89.07	18.17	-14.33	662.18	591.66	-1463.53	-295.71	80.39	179.98
53021	90.33	17.37	-14.33	593.94	641.94	-1427.08	-299.59	87.66	171.84
53022	91.52	16.49	-14.33	525.41	690.18	-1386.39	-291.17	94.00	163.26
53023	92.65	15.53	-14.33	459.28	732.61	-1341.75	-271.34	99.42	154.00
53024	93.71	14.48	-14.33	397.24	765.66	-1293.64	-242.48	103.56	143.56
53025	94.69	13.37	-14.33	339.56	788.04	-1242.48	-207.98	105.54	131.92
53026	95.59	12.19	-14.33	286.28	803.59	-1188.06	-169.41	105.00	120.85
53027	96.40	10.95	-14.33	239.83	815.00	-1129.63	-126.25	102.62	112.62
53028	97.13	9.66	-14.33	203.33	824.02	-1067.07	-79.65	100.09	110.46
53029	79.23	21.87	-14.33	838.18	156.00	-1643.16	-10.44	7.31	169.60
53030	80.80	21.76	-14.33	837.39	154.78	-1636.92	-85.79	16.43	171.51
53031	82.35	21.54	-14.33	821.37	165.58	-1629.86	-150.94	24.18	172.22
53032	83.88	21.20	-14.33	788.44	192.71	-1615.16	-208.59	32.82	169.34
53033	85.39	20.76	-14.33	742.10	232.28	-1595.48	-259.53	40.71	165.97
53034	86.86	20.20	-14.33	685.49	280.52	-1570.28	-301.41	48.20	161.41
53035	88.28	19.55	-14.33	620.99	334.79	-1539.88	-332.32	55.05	156.04
53036	89.65	18.79	-14.33	551.18	392.55	-1504.42	-351.04	61.19	150.00
53037	90.97	17.94	-14.33	478.85	451.02	-1464.12	-356.93	66.54	143.40
53038	92.22	17.00	-14.33	406.86	507.15	-1419.22	-350.15	71.08	136.31
53039	93.40	15.97	-14.33	337.67	558.01	-1370.04	-331.91	74.67	128.66
53040	94.51	14.85	-14.33	272.90	601.64	-1316.86	-304.22	77.08	120.51
53041	95.53	13.67	-14.33	213.51	637.94	-1259.91	-269.01	78.08	112.32
53042	96.46	12.41	-14.33	160.79	667.74	-1199.30	-227.47	77.77	104.90
53043	97.30	11.08	-14.33	116.90	692.42	-1134.48	-180.93	76.32	99.75
53044	98.05	9.70	-14.33	83.72	715.11	-1064.95	-130.86	74.96	101.38
53045	79.28	22.71	-14.33	766.94	25.04	-1676.34	-31.83	14.16	93.95
53046	80.92	22.59	-14.33	771.76	5.36	-1701.43	-107.08	6.08	114.82
53047	82.56	22.35	-14.33	755.22	14.82	-1683.30	-165.45	13.29	108.93
53048	84.17	21.99	-14.33	719.11	45.28	-1669.27	-223.47	15.81	109.82
53049	85.75	21.52	-14.33	671.90	87.39	-1647.01	-276.17	19.22	108.17
53050	87.30	20.93	-14.33	615.01	137.87	-1619.29	-319.75	22.48	106.21
53051	88.80	20.23	-14.33	550.62	194.37	-1585.77	-352.37	25.53	103.85
53052	90.24	19.42	-14.33	481.25	254.32	-1546.74	-372.88	28.30	101.17
53053	91.62	18.52	-14.33	409.65	315.06	-1502.41	-380.83	30.75	98.21
53054	92.93	17.51	-14.33	338.52	373.94	-1453.07	-376.55	32.84	94.99
53055	94.16	16.41	-14.33	270.16	428.73	-1398.99	-361.10	34.48	91.53
53056	95.31	15.22	-14.33	206.30	478.04	-1340.49	-335.97	35.56	87.97
53057	96.37	13.96	-14.33	148.26	521.35	-1277.82	-302.65	36.02	84.60
53058	97.34	12.62	-14.33	97.41	558.86	-1211.20	-262.65	35.93	81.92
53059	98.20	11.21	-14.33	55.94	592.01	-1139.96	-217.97	35.08	81.41
53060	98.96	9.75	-14.33	24.72	623.58	-1063.88	-169.53	35.74	87.29
53061	79.32	23.55	-14.33	699.07	-21.01	-1947.51	-53.29	-94.57	99.80
53062	81.05	23.42	-14.33	742.15	-26.81	-1731.01	-100.02	2.56	21.00
53063	82.77	23.17	-14.33	719.54	-17.13	-1747.28	-153.07	-8.05	36.50
53064	84.46	22.78	-14.33	687.54	12.76	-1724.83	-207.72	-11.12	36.74

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]
53065	86.12	22.28	-14.33	645.62	49.56	-1701.93	-256.44	-14.64	39.16
53066	87.74	21.65	-14.33	595.14	93.64	-1671.56	-297.15	-17.68	41.95
53067	89.31	20.91	-14.33	537.82	142.70	-1635.27	-328.49	-20.23	45.13
53068	90.82	20.05	-14.33	475.79	194.79	-1592.97	-349.54	-22.20	48.64
53069	92.26	19.09	-14.33	411.36	247.85	-1544.96	-360.02	-23.55	52.37
53070	93.63	18.02	-14.33	346.85	299.96	-1491.51	-360.19	-24.27	56.23
53071	94.92	16.85	-14.33	284.28	349.60	-1432.92	-350.86	-24.40	60.16
53072	96.11	15.59	-14.33	225.26	395.71	-1369.50	-333.05	-24.01	64.18
53073	97.21	14.25	-14.33	171.08	437.75	-1301.55	-307.93	-23.25	68.44
53074	98.21	12.83	-14.33	122.91	475.84	-1229.39	-276.85	-22.11	73.28
53075	99.10	11.34	-14.33	81.94	512.30	-1151.76	-242.05	-21.75	80.56
53076	99.88	9.79	-14.33	52.59	554.11	-1064.88	-208.85	-22.14	101.25
53077	60.69	9.62	-11.67	200.17	736.62	-1036.32	226.81	-216.44	210.99
53078	61.39	10.82	-11.67	228.06	728.07	-1087.45	221.96	-239.79	261.28
53079	62.18	11.98	-11.67	258.25	713.00	-1137.22	220.45	-263.11	305.08
53080	63.05	13.08	-11.67	291.33	694.06	-1186.76	221.01	-282.01	345.45
53081	63.99	14.11	-11.67	327.80	673.09	-1237.63	222.87	-293.87	382.50
53082	65.01	15.08	-11.67	368.08	650.35	-1289.48	224.73	-298.63	416.99
53083	66.08	15.98	-11.67	410.94	625.67	-1340.41	224.76	-296.52	450.08
53084	67.22	16.80	-11.67	455.60	599.05	-1388.36	221.44	-287.51	482.48
53085	68.41	17.54	-11.67	500.33	572.49	-1431.95	213.62	-271.89	514.03
53086	69.65	18.19	-11.67	543.53	546.98	-1470.71	201.19	-249.97	544.29
53087	70.93	18.76	-11.67	583.91	523.37	-1504.47	184.23	-222.22	572.42
53088	72.25	19.23	-11.67	620.29	502.38	-1533.12	163.00	-189.29	597.57
53089	73.59	19.62	-11.67	651.62	484.61	-1556.63	137.92	-151.92	618.95
53090	74.96	19.90	-11.67	677.03	470.56	-1574.92	109.63	-110.96	635.85
53091	76.35	20.10	-11.67	695.86	460.72	-1587.94	78.99	-67.24	647.74
53092	77.75	20.20	-11.67	707.61	455.32	-1595.91	46.96	-21.56	654.46
53093	59.77	9.66	-11.67	137.02	721.25	-998.43	254.13	-150.65	226.49
53094	60.50	10.95	-11.67	168.20	698.10	-1048.24	247.68	-174.84	280.89
53095	61.31	12.19	-11.67	197.58	667.75	-1095.20	245.33	-200.47	322.34
53096	62.21	13.37	-11.67	229.28	634.31	-1142.30	245.51	-223.56	355.91
53097	63.19	14.48	-11.67	265.15	600.47	-1191.32	247.52	-240.77	385.74
53098	64.25	15.53	-11.67	305.62	566.42	-1241.90	250.10	-250.66	413.76
53099	65.38	16.49	-11.67	350.17	531.71	-1292.07	251.18	-253.17	441.22
53100	66.57	17.37	-11.67	397.58	496.28	-1339.75	248.66	-248.60	468.78
53101	67.83	18.17	-11.67	446.08	461.05	-1383.51	241.00	-237.28	496.36
53102	69.13	18.87	-11.67	493.70	427.28	-1422.58	227.60	-219.61	523.34
53103	70.49	19.48	-11.67	538.68	396.00	-1456.66	208.39	-196.14	548.84
53104	71.88	19.99	-11.67	579.45	368.11	-1485.63	183.62	-167.48	571.97
53105	73.31	20.41	-11.67	614.65	344.34	-1509.48	153.74	-134.35	591.99
53106	74.76	20.72	-11.67	643.25	325.17	-1528.18	119.54	-97.65	608.29
53107	76.23	20.93	-11.67	664.43	310.96	-1541.44	82.26	-58.35	620.21
53108	77.71	21.03	-11.67	677.60	302.95	-1548.95	43.52	-17.25	626.84
53109	58.85	9.70	-11.67	91.40	714.11	-975.04	278.04	-61.97	240.07
53110	59.60	11.08	-11.67	132.40	670.42	-1017.47	271.80	-82.52	298.16
53111	60.44	12.41	-11.67	159.82	622.06	-1056.91	268.87	-105.33	331.27
53112	61.37	13.67	-11.67	188.26	572.39	-1097.99	267.42	-127.60	351.12
53113	62.39	14.85	-11.67	222.49	525.24	-1143.10	268.31	-146.75	365.60
53114	63.50	15.97	-11.67	262.28	480.89	-1191.23	270.31	-160.59	379.08
53115	64.68	17.00	-11.67	306.88	438.06	-1239.90	271.11	-168.22	393.61
53116	65.93	17.94	-11.67	355.06	395.95	-1286.68	268.37	-169.59	409.81
53117	67.25	18.79	-11.67	405.03	354.77	-1329.90	260.30	-164.97	427.40
53118	68.62	19.55	-11.67	454.72	315.38	-1368.63	245.91	-154.74	445.66
53119	70.04	20.20	-11.67	502.08	278.85	-1402.45	224.89	-139.39	463.66
53120	71.51	20.76	-11.67	545.18	246.16	-1431.20	197.37	-119.43	480.49
53121	73.02	21.20	-11.67	582.31	218.19	-1454.96	163.73	-95.32	495.50
53122	74.55	21.54	-11.67	612.39	195.22	-1474.24	124.53	-67.54	508.62
53123	76.10	21.76	-11.67	635.33	176.82	-1488.95	81.38	-37.62	519.93
53124	77.67	21.87	-11.67	649.98	163.12	-1497.72	37.55	-7.72	528.49
53125	57.94	9.75	-11.67	57.72	725.29	-981.19	293.67	43.95	266.21
53126	58.70	11.21	-11.67	128.27	647.58	-1009.51	295.00	22.96	320.95
53127	59.56	12.62	-11.67	147.22	577.08	-1031.51	288.76	12.93	339.38
53128	60.53	13.96	-11.67	172.29	509.71	-1065.32	283.97	-1.58	339.36
53129	61.59	15.22	-11.67	204.52	450.42	-1105.92	282.58	-18.00	331.53
53130	62.74	16.41	-11.67	242.60	398.05	-1151.92	282.65	-33.06	323.15
53131	63.97	17.51	-11.67	285.69	350.05	-1199.67	281.81	-44.99	317.48
53132	65.28	18.52	-11.67	332.57	304.56	-1246.10	277.71	-52.99	315.45
53133	66.66	19.42	-11.67	381.55	260.95	-1289.19	268.48	-56.88	316.72
53134	68.10	20.23	-11.67	430.62	219.55	-1327.87	252.94	-56.83	320.48
53135	69.60	20.93	-11.67	477.64	181.17	-1361.67	230.57	-53.09	325.81
53136	71.15	21.52	-11.67	520.53	146.82	-1390.44	201.39	-45.96	331.84
53137	72.73	21.99	-11.67	557.14	117.37	-1414.32	165.62	-35.46	337.97
53138	74.34	22.35	-11.67	585.82	93.37	-1434.93	123.25	-20.68	344.48
53139	75.98	22.59	-11.67	608.35	72.47	-1456.92	74.79	-1.95	354.64
53140	77.62	22.71	-11.67	627.59	56.33	-1480.44	28.25	11.24	369.36
53141	57.02	9.79	-11.67	73.75	795.76	-1217.64	332.67	165.39	281.61
53142	57.80	11.34	-11.67	146.40	638.19	-1024.79	313.54	117.47	356.55
53143	58.69	12.83	-11.67	158.79	531.60	-1044.36	296.96	145.14	355.51
53144	59.69	14.25	-11.67	184.72	447.63	-1073.27	289.21	144.43	330.21
53145	60.79	15.59	-11.67	214.85	379.87	-1114.94	284.56	136.90	295.10
53146	61.98	16.85	-11.67	249.93	323.87	-1162.87	281.08	123.95	259.27
53147	63.27	18.02	-11.67	289.37	275.35	-1213.45	277.03	109.09	227.46
53148	64.64	19.09	-11.67	332.27	231.26	-1262.81	270.38	94.30	201.28
53149	66.08	20.05	-11.67	377.15	190.10	-1308.60	259.38	80.58	180.61
53150	67.59	20.91	-11.67	422.19	151.51	-1349.64	242.81	68.31	164.73
53151	69.16	21.65	-11.67	465.41	115.92	-1385.43	220.03	57.64	152.76
53152	70.78	22.28	-11.67	504.77	84.07	-1416.09	190.92	48.73	143.99
53153	72.44	22.78	-11.67	538.24	56.99	-1441.55	155.81	41.73	137.76
53154	74.13	23.17	-11.67	562.17	35.13	-1465.28	114.50	40.24	134.27
53155	75.85	23.42	-11.67	582.37	17.39	-1502.68	67.66	45.55	137.22
53156	77.58	23.55	-11.67	604.49	7.90	-1552.20	21.87	35.30	144.90
53157	60.69	9.62	-13.00	190.33	942.19	-1019.51	257.33	-147.98	173.40
53158	61.39	10.82	-13.00	225.02	932.56	-1074.52	252.33	-165.94	208.11
53159	62.18	11.98	-13.00	263.38	912.24	-1125.90	252.01	-184.29	238.03
53160	63.05	13.08	-13.00	305.04	887.96	-1174.48	254.76	-198.55	267.57
53161	63.99	14.11	-13.00	350.47	860.15	-1223.76	260.56	-206.04	293.45
53162	65.01	15.08	-13.00	401.18	827.14	-1273.38	266.90	-208.18	315.21
53163	66.08	15.98	-13.00	455.88	790.25	-1321.10	270.18	-206.13	335.26

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]
53164	67.22	16.80	-13.00	513.28	751.62	-1365.19	268.47	-199.83	355.35
53165	68.41	17.54	-13.00	570.98	714.38	-1404.86	260.76	-189.13	375.61
53166	69.65	18.19	-13.00	626.98	679.55	-1440.03	247.19	-174.08	395.52
53167	70.93	18.76	-13.00	679.59	647.87	-1470.64	227.89	-154.94	414.28
53168	72.25	19.23	-13.00	727.23	620.09	-1496.61	203.10	-132.20	431.17
53169	73.59	19.62	-13.00	768.45	596.91	-1517.88	173.28	-106.40	445.52
53170	74.96	19.90	-13.00	802.06	578.91	-1534.34	139.08	-78.08	456.76
53171	76.35	20.10	-13.00	827.21	566.40	-1546.05	101.31	-47.72	464.61
53172	77.75	20.20	-13.00	843.58	559.20	-1552.92	61.12	-15.93	469.04
53173	59.77	9.66	-13.00	113.77	915.02	-1002.66	289.88	-100.74	179.49
53174	60.50	10.95	-13.00	150.22	884.54	-1063.27	282.91	-120.85	215.15
53175	61.31	12.19	-13.00	186.74	842.50	-1119.50	281.54	-140.43	242.19
53176	62.21	13.37	-13.00	225.97	797.69	-1172.30	283.40	-157.27	265.75
53177	63.19	14.48	-13.00	269.42	752.50	-1224.14	288.01	-169.12	286.97
53178	64.25	15.53	-13.00	318.39	706.17	-1275.21	293.83	-175.41	306.09
53179	65.38	16.49	-13.00	373.00	658.39	-1324.37	297.86	-176.67	324.11
53180	66.57	17.37	-13.00	431.83	610.07	-1370.31	297.20	-173.28	342.11
53181	67.83	18.17	-13.00	492.50	562.90	-1412.16	290.01	-165.38	360.39
53182	69.13	18.87	-13.00	552.50	518.44	-1449.47	275.67	-153.14	378.51
53183	70.49	19.48	-13.00	609.57	477.77	-1482.01	254.13	-136.90	395.78
53184	71.88	19.99	-13.00	661.66	441.92	-1509.67	225.68	-117.10	411.44
53185	73.31	20.41	-13.00	706.87	411.97	-1532.38	190.91	-94.26	424.88
53186	74.76	20.72	-13.00	743.58	388.67	-1549.97	150.52	-69.04	435.53
53187	76.23	20.93	-13.00	770.68	372.76	-1561.91	105.54	-42.01	442.46
53188	77.71	21.03	-13.00	787.62	364.00	-1569.54	56.94	-12.87	446.36
53189	58.85	9.70	-13.00	60.92	894.38	-987.96	315.99	-30.87	188.50
53190	59.60	11.08	-13.00	106.37	838.56	-1054.31	309.52	-53.21	223.05
53191	60.44	12.41	-13.00	141.03	772.91	-1112.13	308.26	-71.01	242.01
53192	61.37	13.67	-13.00	176.28	707.17	-1166.43	308.98	-86.61	254.88
53193	62.39	14.85	-13.00	216.61	644.88	-1219.95	311.65	-99.75	264.82
53194	63.50	15.97	-13.00	263.14	585.98	-1272.75	315.35	-109.25	273.85
53195	64.68	17.00	-13.00	315.83	529.25	-1323.73	317.75	-114.54	283.27
53196	65.93	17.94	-13.00	373.50	474.12	-1371.60	316.07	-115.61	293.74
53197	67.25	18.79	-13.00	433.99	421.01	-1415.44	308.10	-112.62	305.28
53198	68.62	19.55	-13.00	494.70	370.87	-1454.64	292.60	-105.82	317.43
53199	70.04	20.20	-13.00	553.09	324.83	-1488.92	269.18	-95.52	329.51
53200	71.51	20.76	-13.00	606.77	284.05	-1518.05	238.05	-82.17	340.77
53201	73.02	21.20	-13.00	653.44	249.69	-1541.94	199.76	-66.09	350.57
53202	74.55	21.54	-13.00	691.23	223.14	-1560.88	155.09	-47.58	358.79
53203	76.10	21.76	-13.00	718.80	203.28	-1574.27	104.68	-27.94	365.25
53204	77.67	21.87	-13.00	736.14	192.82	-1577.20	51.24	-8.17	365.42
53205	57.94	9.75	-13.00	39.90	878.87	-1012.01	331.61	59.75	201.93
53206	58.70	11.21	-13.00	104.08	793.65	-1051.80	330.60	25.23	237.39
53207	59.56	12.62	-13.00	137.40	703.75	-1108.38	329.82	17.36	243.48
53208	60.53	13.96	-13.00	168.39	618.97	-1162.82	327.35	8.75	240.87
53209	61.59	15.22	-13.00	204.82	542.79	-1217.70	326.08	-1.65	234.10
53210	62.74	16.41	-13.00	247.42	474.97	-1272.61	325.69	-11.82	226.68
53211	63.97	17.51	-13.00	295.98	413.32	-1326.04	324.35	-20.31	220.98
53212	65.28	18.52	-13.00	349.51	355.94	-1376.42	319.71	-26.41	217.81
53213	66.66	19.42	-13.00	406.17	301.93	-1422.66	309.59	-29.91	217.10
53214	68.10	20.23	-13.00	463.59	251.41	-1464.08	292.49	-30.85	218.34
53215	69.60	20.93	-13.00	519.24	205.06	-1500.30	267.70	-29.45	220.82
53216	71.15	21.52	-13.00	570.66	163.85	-1531.19	235.19	-25.90	223.96
53217	72.73	21.99	-13.00	615.53	129.04	-1556.37	195.54	-20.57	226.96
53218	74.34	22.35	-13.00	650.47	101.47	-1576.57	148.80	-12.42	229.81
53219	75.98	22.59	-13.00	675.70	81.95	-1596.47	94.38	0.16	235.55
53220	77.62	22.71	-13.00	693.85	51.18	-1614.85	34.22	9.48	253.04
53221	57.02	9.79	-13.00	89.42	858.53	-1084.73	320.71	109.76	213.60
53222	57.80	11.34	-13.00	140.83	747.64	-1071.10	345.07	103.10	263.82
53223	58.69	12.83	-13.00	175.38	633.96	-1124.23	343.75	116.62	260.54
53224	59.69	14.25	-13.00	204.56	533.08	-1183.27	335.87	121.13	239.48
53225	60.79	15.59	-13.00	237.81	448.70	-1242.85	328.42	117.13	211.75
53226	61.98	16.85	-13.00	275.07	378.21	-1302.68	321.35	108.77	183.32
53227	63.27	18.02	-13.00	316.97	317.95	-1360.78	313.90	98.09	157.49
53228	64.64	19.09	-13.00	363.04	264.63	-1415.48	304.39	86.80	135.71
53229	66.08	20.05	-13.00	411.96	216.13	-1465.58	290.95	75.79	118.09
53230	67.59	20.91	-13.00	461.79	171.53	-1510.39	272.02	65.42	104.14
53231	69.16	21.65	-13.00	510.31	130.86	-1549.61	246.67	55.84	93.29
53232	70.78	22.28	-13.00	555.28	94.75	-1582.88	214.58	47.09	84.96
53233	72.44	22.78	-13.00	594.27	63.94	-1611.33	175.86	39.73	78.97
53234	74.13	23.17	-13.00	624.53	40.37	-1630.49	131.76	32.86	73.78
53235	75.85	23.42	-13.00	632.63	21.32	-1667.18	75.89	49.50	74.29
53236	77.58	23.55	-13.00	667.54	-2.94	-1775.90	10.87	59.02	111.34
53237	60.69	9.62	-14.33	155.34	1210.31	-1016.17	276.84	-59.43	119.48
53238	61.39	10.82	-14.33	195.70	1184.48	-1073.14	271.60	-67.04	128.12
53239	62.18	11.98	-14.33	244.80	1157.34	-1125.48	273.50	-76.03	140.40
53240	63.05	13.08	-14.33	298.80	1130.47	-1174.51	282.68	-82.42	153.98
53241	63.99	14.11	-14.33	356.90	1091.07	-1222.92	299.05	-84.30	163.08
53242	65.01	15.08	-14.33	422.19	1039.65	-1269.89	315.23	-84.01	168.70
53243	66.08	15.98	-14.33	493.17	983.45	-1314.04	325.63	-82.62	173.77
53244	67.22	16.80	-14.33	568.17	926.95	-1354.61	328.23	-79.85	179.68
53245	68.41	17.54	-14.33	643.87	874.32	-1391.18	322.32	-75.48	186.36
53246	69.65	18.19	-14.33	717.67	825.89	-1423.74	308.38	-69.38	193.31
53247	70.93	18.76	-14.33	787.30	782.25	-1452.19	286.50	-61.67	200.05
53248	72.25	19.23	-14.33	850.55	744.25	-1476.42	257.03	-52.54	206.22
53249	73.59	19.62	-14.33	905.38	712.90	-1496.31	220.54	-42.22	211.47
53250	74.96	19.90	-14.33	950.19	688.93	-1511.80	177.77	-30.91	215.53
53251	76.35	20.10	-14.33	983.94	672.44	-1522.79	129.68	-18.76	218.35
53252	77.75	20.20	-14.33	1006.26	662.88	-1529.46	77.94	-6.05	219.94
53253	59.77	9.66	-14.33	53.29	1161.61	-1014.59	324.86	-39.58	111.46
53254	60.50	10.95	-14.33	90.94	1103.01	-1079.65	319.26	-48.65	118.40
53255	61.31	12.19	-14.33	133.83	1039.55	-1139.32	322.92	-57.32	127.50
53256	62.21	13.37	-14.33	182.09	976.36	-1195.49	331.46	-64.52	137.02
53257	63.19	14.48	-14.33	236.57	913.81	-1248.97	343.79	-69.24	146.04
53258	64.25	15.53	-14.33	298.85	848.96	-1299.94	357.41	-71.43	153.81
53259	65.38	16.49	-14.33	369.13	782.12	-1347.84	367.87	-71.61	160.88
53260	66.57	17.37	-14.33	445.52	715.28	-1392.10	371.47	-70.03	167.94
53261	67.83	18.17	-14.33	524.86	650.67	-1432.32	366.01	-66.69	175.22
53262	69.13	18.87	-14.33	603.79	590.13	-1468.20	350.74	-61.65	182.51

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]
53263	70.49	19.48	-14.33	679.29	534.87	-1499.59	325.63	-55.03	189.47
53264	71.88	19.99	-14.33	748.54	486.31	-1526.32	291.11	-47.03	195.76
53265	73.31	20.41	-14.33	808.82	446.23	-1548.29	248.08	-37.81	201.16
53266	74.76	20.72	-14.33	857.55	416.44	-1565.24	197.26	-27.74	205.15
53267	76.23	20.93	-14.33	893.33	397.48	-1577.45	139.05	-16.88	207.47
53268	77.71	21.03	-14.33	916.20	387.37	-1583.93	74.48	-4.98	208.65
53269	58.85	9.70	-14.33	-0.69	1128.01	-1012.45	357.39	-5.51	112.41
53270	59.60	11.08	-14.33	32.60	1033.03	-1083.83	351.90	-19.50	117.80
53271	60.44	12.41	-14.33	68.37	936.72	-1149.46	357.00	-27.91	123.13
53272	61.37	13.67	-14.33	108.81	844.90	-1211.16	366.09	-34.47	127.73
53273	62.39	14.85	-14.33	157.15	758.47	-1270.03	376.99	-39.88	131.62
53274	63.50	15.97	-14.33	214.75	676.65	-1325.91	388.08	-43.77	135.29
53275	64.68	17.00	-14.33	281.44	597.96	-1378.39	396.47	-45.92	139.15
53276	65.93	17.94	-14.33	355.47	521.92	-1426.97	398.76	-46.35	143.45
53277	67.25	18.79	-14.33	433.87	449.03	-1471.20	392.24	-45.15	148.22
53278	68.62	19.55	-14.33	513.15	380.41	-1510.77	375.36	-42.40	153.26
53279	70.04	20.20	-14.33	589.91	317.45	-1545.41	347.68	-38.27	158.25
53280	71.51	20.76	-14.33	661.01	261.76	-1574.97	309.56	-32.94	162.89
53281	73.02	21.20	-14.33	723.59	215.39	-1599.09	262.29	-26.70	166.66
53282	74.55	21.54	-14.33	774.07	181.76	-1618.32	207.78	-19.26	170.17
53283	76.10	21.76	-14.33	808.61	164.52	-1629.98	144.93	-12.29	170.24
53284	77.67	21.87	-14.33	828.51	159.26	-1640.84	70.82	-3.56	169.17
53285	57.94	9.75	-14.33	19.18	1095.20	-1021.97	376.48	29.16	114.59
53286	58.70	11.21	-14.33	41.53	966.74	-1089.80	374.62	14.52	118.58
53287	59.56	12.62	-14.33	70.94	840.58	-1160.38	378.98	8.41	117.16
53288	60.53	13.96	-14.33	104.37	726.51	-1227.31	384.14	5.15	115.08
53289	61.59	15.22	-14.33	145.07	624.10	-1291.34	389.77	1.14	111.97
53290	62.74	16.41	-14.33	195.04	532.12	-1352.37	395.28	-2.93	108.78
53291	63.97	17.51	-14.33	254.15	448.27	-1409.76	398.71	-6.40	106.41
53292	65.28	18.52	-14.33	320.85	370.31	-1462.94	397.23	-8.94	105.14
53293	66.66	19.42	-14.33	392.50	297.11	-1511.41	388.18	-10.46	104.92
53294	68.10	20.23	-14.33	465.89	228.68	-1554.78	369.66	-10.99	105.49
53295	69.60	20.93	-14.33	537.69	165.88	-1592.81	340.80	-10.61	106.55
53296	71.15	21.52	-14.33	604.80	110.13	-1625.16	301.72	-9.48	107.79
53297	72.73	21.99	-14.33	664.52	63.11	-1652.15	253.46	-7.72	109.15
53298	74.34	22.35	-14.33	714.91	27.74	-1671.01	199.27	-6.40	108.26
53299	75.98	22.59	-14.33	747.03	13.20	-1694.03	143.68	0.02	114.35
53300	77.62	22.71	-14.33	758.61	27.67	-1673.87	69.92	-8.46	93.79
53301	57.02	9.79	-14.33	109.51	1032.97	-1027.84	396.95	49.43	140.00
53302	57.80	11.34	-14.33	131.96	881.78	-1097.88	398.39	56.23	142.31
53303	58.69	12.83	-14.33	164.16	735.60	-1172.03	398.80	61.10	134.41
53304	59.69	14.25	-14.33	195.97	608.04	-1245.27	392.18	64.21	122.59
53305	60.79	15.59	-14.33	230.56	500.62	-1315.04	384.01	63.51	108.74
53306	61.98	16.85	-14.33	270.79	410.75	-1381.50	376.25	60.41	94.72
53307	63.27	18.02	-14.33	317.47	334.31	-1443.96	368.23	55.92	81.94
53308	64.64	19.09	-14.33	370.14	267.28	-1501.76	358.08	50.78	70.98
53309	66.08	20.05	-14.33	427.15	206.78	-1554.40	343.48	45.44	61.87
53310	67.59	20.91	-14.33	486.10	151.41	-1601.52	322.45	40.06	54.41
53311	69.16	21.65	-14.33	544.29	101.05	-1642.75	293.73	34.70	48.36
53312	70.78	22.28	-14.33	599.09	56.30	-1678.18	256.96	29.41	43.50
53313	72.44	22.78	-14.33	648.22	18.72	-1706.25	212.51	24.14	39.59
53314	74.13	23.17	-14.33	689.74	-12.37	-1733.94	161.71	19.79	38.26
53315	75.85	23.42	-14.33	723.54	-23.73	-1722.99	111.54	8.33	21.97
53316	77.58	23.55	-14.33	692.63	-19.96	-1944.85	66.28	105.10	100.11
53317	98.51	-2.50	-11.67	195.77	316.19	-553.43	146.47	209.77	3.11
53318	98.43	-3.10	-11.67	196.91	297.95	-527.13	150.22	197.68	-0.99
53319	99.36	-2.50	-11.67	135.38	305.99	-525.39	126.78	201.15	38.13
53320	99.28	-3.10	-11.67	137.75	289.83	-501.15	131.25	191.15	34.06
53321	100.20	-2.50	-11.67	79.82	296.50	-494.65	101.25	170.65	75.94
53322	100.13	-3.10	-11.67	82.57	282.51	-472.43	106.25	163.91	72.41
53323	101.05	-2.50	-11.67	34.36	287.01	-472.53	71.98	121.34	115.29
53324	100.97	-3.10	-11.67	36.80	275.28	-452.37	77.20	118.78	112.71
53325	101.90	-2.50	-11.67	8.23	275.70	-482.77	40.34	56.35	154.80
53326	101.82	-3.10	-11.67	10.11	265.84	-463.89	45.48	58.16	153.40
53327	98.51	-2.50	-13.00	237.68	382.84	-545.28	197.23	142.90	30.93
53328	98.43	-3.10	-13.00	240.24	363.23	-522.84	201.87	134.32	27.85
53329	99.36	-2.50	-13.00	161.98	366.58	-534.08	169.01	135.88	53.83
53330	99.28	-3.10	-13.00	166.07	349.90	-512.27	174.47	128.82	50.76
53331	100.20	-2.50	-13.00	94.63	351.54	-520.68	133.16	112.05	79.81
53332	100.13	-3.10	-13.00	99.10	338.36	-499.72	139.19	107.43	77.14
53333	101.05	-2.50	-13.00	40.99	339.39	-511.40	89.67	74.29	111.66
53334	100.97	-3.10	-13.00	44.52	328.55	-491.50	95.89	73.07	109.69
53335	101.90	-2.50	-13.00	9.29	323.26	-529.89	49.86	32.99	145.29
53336	101.82	-3.10	-13.00	12.01	317.89	-512.66	55.99	36.14	143.98
53337	98.51	-2.50	-14.33	280.23	471.42	-540.68	269.60	56.77	76.85
53338	98.43	-3.10	-14.33	279.98	413.32	-519.30	274.62	53.00	75.95
53339	99.36	-2.50	-14.33	178.12	447.67	-540.11	228.48	53.86	81.94
53340	99.28	-3.10	-14.33	180.79	396.02	-518.62	234.61	50.97	80.88
53341	100.20	-2.50	-14.33	91.21	426.37	-538.43	180.77	43.42	92.83
53342	100.13	-3.10	-14.33	95.04	378.78	-517.28	187.50	41.50	91.97
53343	101.05	-2.50	-14.33	33.18	408.97	-537.57	121.95	24.21	102.29
53344	100.97	-3.10	-14.33	35.25	367.80	-516.46	129.25	23.99	101.63
53345	101.90	-2.50	-14.33	5.98	412.16	-545.87	31.05	9.48	153.14
53346	101.82	-3.10	-14.33	4.07	359.13	-528.50	37.43	13.23	152.59
53347	79.06	-2.50	-11.67	591.26	372.86	-523.81	101.66	1.25	-189.70
53348	79.06	-3.10	-11.67	575.69	338.30	-495.64	100.06	0.78	-188.45
53349	80.29	-2.50	-11.67	585.63	374.81	-524.21	108.52	10.28	-189.41
53350	80.28	-3.10	-11.67	569.98	340.53	-496.01	107.19	9.00	-188.16
53351	81.52	-2.50	-11.67	577.13	376.06	-524.55	115.66	18.54	-187.54
53352	81.51	-3.10	-11.67	561.59	342.19	-496.33	114.56	16.46	-186.29
53353	82.75	-2.50	-11.67	565.92	376.66	-525.01	122.87	26.06	-184.13
53354	82.73	-3.10	-11.67	550.67	343.33	-496.76	121.98	23.20	-182.87
53355	83.97	-2.50	-11.67	552.20	376.63	-525.86	129.98	33.01	-179.18
53356	83.95	-3.10	-11.67	537.40	343.97	-497.54	129.28	29.37	-177.92
53357	85.20	-2.50	-11.67	536.18	376.00	-527.43	136.86	39.66	-172.74
53358	85.17	-3.10	-11.67	521.99	344.15	-498.98	136.32	35.26	-171.50
53359	86.43	-2.50	-11.67	518.06	374.76	-530.09	143.38	46.52	-164.82
53360	86.39	-3.10	-11.67	504.60	343.85	-501.45	142.99	41.35	-163.62
53361	87.66	-2.50	-11.67	498.04	372.88	-534.22	149.46	54.24	-155.47

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]
53362	87.62	-3.10	-11.67	485.42	343.03	-505.32	149.22	48.28	-154.35
53363	88.88	-2.50	-11.67	476.25	370.26	-540.12	155.02	63.66	-144.69
53364	88.84	-3.10	-11.67	464.56	341.58	-510.87	154.95	56.88	-143.73
53365	90.11	-2.50	-11.67	452.73	366.79	-547.86	159.95	75.71	-132.51
53366	90.06	-3.10	-11.67	442.07	339.35	-518.20	160.10	68.05	-131.81
53367	91.34	-2.50	-11.67	427.32	362.31	-557.07	164.06	91.19	-118.90
53368	91.28	-3.10	-11.67	417.83	336.14	-527.01	164.51	82.59	-118.60
53369	92.57	-2.50	-11.67	399.56	356.76	-566.76	167.09	110.54	-103.79
53370	92.50	-3.10	-11.67	391.42	331.83	-536.40	167.91	100.91	-104.07
53371	93.79	-2.50	-11.67	368.67	350.12	-575.21	168.64	133.38	-87.04
53372	93.73	-3.10	-11.67	362.10	326.39	-544.79	169.92	122.66	-88.08
53373	95.02	-2.50	-11.67	333.71	342.53	-580.19	168.23	158.13	-68.51
53374	94.95	-3.10	-11.67	328.96	319.98	-550.10	170.02	146.39	-70.44
53375	96.25	-2.50	-11.67	294.01	334.28	-579.50	165.12	181.87	-48.01
53376	96.17	-3.10	-11.67	291.25	312.93	-550.20	167.48	169.34	-50.84
53377	97.48	-2.50	-11.67	249.73	325.71	-571.66	158.60	200.55	-25.36
53378	97.39	-3.10	-11.67	249.02	305.72	-543.61	161.59	187.75	-28.97
53379	79.06	-2.50	-13.00	698.71	441.60	-515.83	120.48	0.87	-94.80
53380	79.06	-3.10	-13.00	679.40	401.01	-493.20	118.60	0.66	-93.82
53381	80.29	-2.50	-13.00	694.05	444.30	-516.93	131.01	6.12	-94.71
53382	80.28	-3.10	-13.00	674.56	404.05	-494.29	129.33	5.38	-93.73
53383	81.52	-2.50	-13.00	686.64	446.46	-518.01	141.99	10.84	-93.60
53384	81.51	-3.10	-13.00	667.19	406.69	-495.36	140.46	9.58	-92.60
53385	82.75	-2.50	-13.00	676.65	448.15	-519.15	153.16	15.07	-91.48
53386	82.73	-3.10	-13.00	657.46	409.02	-496.47	151.76	13.31	-90.46
53387	83.97	-2.50	-13.00	664.26	449.41	-520.46	164.28	18.96	-88.34
53388	83.95	-3.10	-13.00	645.52	411.08	-497.74	163.00	16.69	-87.32
53389	85.20	-2.50	-13.00	649.55	450.27	-522.09	175.17	22.76	-84.21
53390	85.17	-3.10	-13.00	631.45	412.90	-499.30	173.97	19.97	-83.18
53391	86.43	-2.50	-13.00	632.53	450.67	-524.20	185.62	26.84	-79.08
53392	86.39	-3.10	-13.00	615.25	414.45	-501.32	184.52	23.53	-78.06
53393	87.66	-2.50	-13.00	613.06	450.53	-526.97	195.48	31.76	-72.95
53394	87.62	-3.10	-13.00	596.77	415.62	-503.95	194.50	27.90	-71.98
53395	88.88	-2.50	-13.00	590.84	449.63	-530.52	204.58	38.15	-65.82
53396	88.84	-3.10	-13.00	575.71	416.20	-507.33	203.78	33.70	-64.94
53397	90.11	-2.50	-13.00	565.40	447.65	-534.88	212.69	46.70	-57.68
53398	90.06	-3.10	-13.00	551.63	415.82	-511.50	212.18	41.61	-56.98
53399	91.34	-2.50	-13.00	536.05	444.20	-539.87	219.48	57.97	-48.49
53400	91.28	-3.10	-13.00	523.90	414.04	-516.30	219.42	52.18	-48.09
53401	92.57	-2.50	-13.00	501.95	438.90	-545.05	224.51	72.14	-38.21
53402	92.50	-3.10	-13.00	491.74	410.42	-521.35	225.04	65.59	-38.25
53403	93.79	-2.50	-13.00	462.22	431.51	-549.66	227.25	88.78	-26.77
53404	93.73	-3.10	-13.00	454.28	404.68	-525.95	228.48	81.45	-27.40
53405	95.02	-2.50	-13.00	416.23	421.94	-552.82	227.08	106.65	-14.19
53406	94.95	-3.10	-13.00	410.89	396.77	-529.26	229.10	98.58	-15.51
53407	96.25	-2.50	-13.00	364.01	410.32	-553.63	223.43	123.56	-0.89
53408	96.17	-3.10	-13.00	361.50	386.95	-530.43	226.29	114.90	-2.95
53409	97.48	-2.50	-13.00	306.39	397.57	-551.65	214.48	136.79	13.17
53410	97.39	-3.10	-13.00	306.61	375.95	-528.83	218.19	127.78	10.49
53411	79.06	-2.50	-14.33	817.47	532.65	-513.20	139.93	2.17	43.89
53412	79.06	-3.10	-14.33	787.78	442.45	-492.31	137.13	2.12	44.77
53413	80.29	-2.50	-14.33	813.24	536.08	-514.71	155.35	3.87	43.88
53414	80.28	-3.10	-14.33	783.26	446.24	-493.81	152.67	3.64	44.76
53415	81.52	-2.50	-14.33	806.41	539.12	-516.21	171.39	5.35	44.23
53416	81.51	-3.10	-14.33	776.39	449.80	-495.32	168.78	4.94	45.11
53417	82.75	-2.50	-14.33	797.25	541.86	-517.72	187.72	6.65	44.94
53418	82.73	-3.10	-14.33	767.45	453.25	-496.83	185.16	6.05	45.83
53419	83.97	-2.50	-14.33	785.97	544.41	-519.26	204.07	7.80	46.01
53420	83.95	-3.10	-14.33	756.62	456.67	-498.37	201.52	7.02	46.92
53421	85.20	-2.50	-14.33	772.68	546.79	-520.87	220.14	8.92	47.44
53422	85.17	-3.10	-14.33	743.99	460.12	-499.98	217.59	7.96	48.36
53423	86.43	-2.50	-14.33	757.27	548.97	-522.58	235.70	10.16	49.23
53424	86.39	-3.10	-14.33	729.48	463.56	-501.68	233.16	9.01	50.16
53425	87.66	-2.50	-14.33	739.38	550.80	-524.44	250.49	11.75	51.39
53426	87.62	-3.10	-14.33	712.71	466.87	-503.52	248.00	10.40	52.31
53427	88.88	-2.50	-14.33	718.30	551.98	-526.46	264.24	13.99	53.91
53428	88.84	-3.10	-14.33	693.00	469.72	-505.53	261.89	12.40	54.82
53429	90.11	-2.50	-14.33	692.94	552.02	-528.66	276.60	17.16	56.83
53430	90.06	-3.10	-14.33	669.32	471.60	-507.71	274.55	15.32	57.69
53431	91.34	-2.50	-14.33	661.83	550.31	-531.01	287.12	21.51	60.15
53432	91.28	-3.10	-14.33	640.28	471.84	-510.04	285.56	19.39	60.91
53433	92.57	-2.50	-14.33	623.32	546.15	-533.40	295.21	27.14	63.91
53434	92.50	-3.10	-14.33	604.30	469.72	-512.42	294.35	24.71	64.50
53435	93.79	-2.50	-14.33	575.77	538.96	-535.67	300.17	33.89	68.13
53436	93.73	-3.10	-14.33	559.80	464.62	-514.73	300.20	31.13	68.49
53437	95.02	-2.50	-14.33	518.07	528.27	-537.65	301.33	41.25	72.77
53438	94.95	-3.10	-14.33	505.65	456.15	-516.77	302.42	38.18	72.85
53439	96.25	-2.50	-14.33	450.16	514.02	-539.19	298.26	48.44	77.73
53440	96.17	-3.10	-14.33	441.76	444.08	-518.43	300.51	45.05	77.51
53441	97.48	-2.50	-14.33	374.04	494.69	-540.09	292.59	53.92	78.67
53442	97.39	-3.10	-14.33	369.95	429.03	-519.19	296.15	50.06	78.15
53443	77.84	-2.50	-11.67	593.86	370.20	-523.24	95.29	-8.50	-188.42
53444	76.61	-2.50	-11.67	593.33	366.79	-522.44	89.63	-18.90	-185.58
53445	75.38	-2.50	-11.67	589.60	362.62	-521.43	84.93	-29.85	-181.21
53446	74.15	-2.50	-11.67	582.65	357.69	-520.28	81.41	-41.29	-175.37
53447	72.93	-2.50	-11.67	572.51	351.98	-519.11	79.30	-53.21	-168.15
53448	71.70	-2.50	-11.67	559.22	345.51	-518.05	78.82	-65.66	-159.69
53449	70.47	-2.50	-11.67	542.88	338.24	-517.26	80.18	-78.79	-150.16
53450	69.24	-2.50	-11.67	523.61	330.14	-516.91	83.57	-92.79	-139.81
53451	68.02	-2.50	-11.67	501.57	321.12	-517.06	89.23	-107.93	-128.96
53452	66.79	-2.50	-11.67	476.95	311.04	-517.68	97.39	-124.42	-118.04
53453	65.56	-2.50	-11.67	449.95	299.75	-518.49	108.39	-142.37	-107.57
53454	64.33	-2.50	-11.67	420.72	287.13	-518.94	122.61	-161.61	-98.15
53455	63.11	-2.50	-11.67	389.43	273.14	-518.17	140.49	-181.52	-90.46
53456	61.88	-2.50	-11.67	356.37	257.87	-515.23	162.52	-200.88	-85.37
53457	60.65	-2.50	-11.67	322.29	241.65	-509.29	189.34	-217.81	-83.84
53458	59.42	-2.50	-11.67	288.73	225.06	-500.09	221.54	-230.02	-87.09
53459	77.84	-3.10	-11.67	578.57	335.47	-495.08	93.39	-8.17	-187.15
53460	76.62	-3.10	-11.67	578.53	332.02	-494.30	87.41	-17.78	-184.28

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]
53461	75.39	-3.10	-11.67	575.48	327.92	-493.32	82.36	-27.98	-179.86
53462	74.17	-3.10	-11.67	569.41	323.15	-492.20	78.45	-38.73	-173.95
53463	72.95	-3.10	-11.67	560.32	317.70	-491.05	75.93	-50.01	-166.64
53464	71.73	-3.10	-11.67	548.25	311.55	-490.01	74.99	-61.92	-158.07
53465	70.51	-3.10	-11.67	533.27	304.67	-489.23	75.84	-74.60	-148.40
53466	69.28	-3.10	-11.67	515.48	296.98	-488.86	78.65	-88.29	-137.90
53467	68.06	-3.10	-11.67	495.04	288.34	-488.99	83.63	-103.26	-126.90
53468	66.84	-3.10	-11.67	472.15	278.57	-489.60	90.98	-119.78	-115.84
53469	65.62	-3.10	-11.67	447.02	267.44	-490.46	100.99	-137.98	-105.25
53470	64.40	-3.10	-11.67	419.83	254.72	-491.03	114.05	-157.73	-95.74
53471	63.17	-3.10	-11.67	390.77	240.34	-490.53	130.60	-178.43	-87.97
53472	61.95	-3.10	-11.67	360.13	224.38	-487.98	151.12	-198.92	-82.69
53473	60.73	-3.10	-11.67	328.65	207.18	-482.59	176.25	-217.40	-80.75
53474	59.51	-3.10	-11.67	297.87	189.47	-474.05	206.65	-231.68	-83.22
53475	77.84	-2.50	-13.00	700.44	438.32	-514.65	110.66	-4.88	-93.88
53476	76.61	-2.50	-13.00	699.07	434.39	-513.39	101.87	-11.09	-91.94
53477	75.38	-2.50	-13.00	694.45	429.78	-512.04	94.38	-17.71	-89.01
53478	74.15	-2.50	-13.00	686.46	424.44	-510.63	88.51	-24.72	-85.12
53479	72.93	-2.50	-13.00	675.01	418.33	-509.22	84.56	-32.12	-80.33
53480	71.70	-2.50	-13.00	660.00	411.39	-507.87	82.81	-39.99	-74.71
53481	70.47	-2.50	-13.00	641.35	403.53	-506.66	83.56	-48.45	-68.39
53482	69.24	-2.50	-13.00	618.94	394.59	-505.65	87.07	-57.68	-61.52
53483	68.02	-2.50	-13.00	592.71	384.35	-504.88	93.61	-67.91	-54.33
53484	66.79	-2.50	-13.00	562.57	372.48	-504.33	103.48	-79.31	-47.13
53485	65.56	-2.50	-13.00	528.50	358.59	-503.88	117.04	-91.97	-40.28
53486	64.33	-2.50	-13.00	490.51	342.34	-503.30	134.68	-105.72	-34.23
53487	63.11	-2.50	-13.00	448.75	323.51	-502.25	156.76	-120.12	-29.54
53488	61.88	-2.50	-13.00	403.64	302.08	-500.40	183.52	-134.40	-26.96
53489	60.65	-2.50	-13.00	356.10	278.28	-497.63	214.90	-147.43	-27.92
53490	59.42	-2.50	-13.00	307.58	253.39	-494.00	251.68	-158.01	-33.70
53491	77.84	-3.10	-13.00	681.55	397.53	-492.04	108.57	-4.58	-92.88
53492	76.62	-3.10	-13.00	680.83	393.55	-490.78	99.50	-10.28	-90.92
53493	75.39	-3.10	-13.00	677.11	389.00	-489.44	91.71	-16.42	-87.94
53494	74.17	-3.10	-13.00	670.25	383.85	-488.04	85.49	-22.96	-83.98
53495	72.95	-3.10	-13.00	660.15	378.02	-486.64	81.13	-29.94	-79.11
53496	71.73	-3.10	-13.00	646.71	371.45	-485.29	78.92	-37.44	-73.39
53497	70.51	-3.10	-13.00	629.82	364.03	-484.06	79.10	-45.58	-66.94
53498	69.28	-3.10	-13.00	609.37	355.56	-483.03	81.94	-54.58	-59.94
53499	68.06	-3.10	-13.00	585.25	345.77	-482.24	87.65	-64.68	-52.61
53500	66.84	-3.10	-13.00	557.41	334.24	-481.68	96.48	-76.08	-45.27
53501	65.62	-3.10	-13.00	525.82	320.48	-481.24	108.75	-88.90	-38.30
53502	64.40	-3.10	-13.00	490.52	304.03	-480.71	124.85	-103.00	-32.17
53503	63.17	-3.10	-13.00	451.65	284.59	-479.78	145.16	-117.97	-27.41
53504	61.95	-3.10	-13.00	409.57	262.12	-478.15	169.97	-133.05	-24.70
53505	60.73	-3.10	-13.00	365.16	236.98	-475.64	199.32	-147.19	-25.33
53506	59.51	-3.10	-13.00	319.61	210.28	-472.23	234.13	-159.27	-30.45
53507	77.84	-2.50	-14.33	818.84	528.71	-511.67	125.48	0.26	44.25
53508	76.61	-2.50	-14.33	817.09	524.18	-510.13	112.37	-1.82	44.96
53509	75.38	-2.50	-14.33	812.01	518.98	-508.57	100.99	-4.05	46.03
53510	74.15	-2.50	-14.33	803.39	513.06	-507.00	91.74	-6.44	47.43
53511	72.93	-2.50	-14.33	791.06	506.33	-505.42	85.00	-8.99	49.16
53512	71.70	-2.50	-14.33	774.82	498.69	-503.86	81.18	-11.72	51.19
53513	70.47	-2.50	-14.33	754.43	489.97	-502.34	80.68	-14.70	53.47
53514	69.24	-2.50	-14.33	729.60	479.92	-500.86	83.88	-18.02	55.95
53515	68.02	-2.50	-14.33	699.96	468.18	-499.44	91.17	-21.78	58.55
53516	66.79	-2.50	-14.33	665.09	454.25	-498.09	102.98	-26.06	61.14
53517	65.56	-2.50	-14.33	624.55	437.53	-496.76	119.73	-30.93	63.60
53518	64.33	-2.50	-14.33	577.97	417.42	-495.43	141.86	-36.32	65.76
53519	63.11	-2.50	-14.33	525.15	393.44	-494.01	169.69	-42.10	67.38
53520	61.88	-2.50	-14.33	466.19	365.28	-492.47	203.20	-47.98	68.12
53521	60.65	-2.50	-14.33	401.62	333.05	-490.84	241.67	-53.75	67.48
53522	59.42	-2.50	-14.33	332.77	295.57	-489.18	281.44	-58.86	60.45
53523	77.84	-3.10	-14.33	789.72	438.29	-490.79	122.50	0.40	45.13
53524	76.62	-3.10	-14.33	788.83	433.65	-489.25	109.17	-1.49	45.84
53525	75.39	-3.10	-14.33	784.87	428.49	-487.69	97.52	-3.55	46.91
53526	74.17	-3.10	-14.33	777.68	422.72	-486.13	87.92	-5.77	48.33
53527	72.95	-3.10	-14.33	767.06	416.25	-484.56	80.77	-8.16	50.09
53528	71.73	-3.10	-14.33	752.81	408.95	-483.01	76.44	-10.76	52.15
53529	70.51	-3.10	-14.33	734.68	400.63	-481.49	75.31	-13.62	54.47
53530	69.28	-3.10	-14.33	712.38	390.99	-480.01	77.72	-16.85	57.00
53531	68.06	-3.10	-14.33	685.52	379.62	-478.60	84.02	-20.55	59.63
53532	66.84	-3.10	-14.33	653.69	365.90	-477.24	94.54	-24.83	62.27
53533	65.62	-3.10	-14.33	616.45	349.12	-475.92	109.69	-29.74	64.75
53534	64.40	-3.10	-14.33	573.43	328.55	-474.60	129.87	-35.26	66.90
53535	63.17	-3.10	-14.33	524.39	303.60	-473.20	155.44	-41.24	68.50
53536	61.95	-3.10	-14.33	469.38	273.94	-471.69	186.46	-47.43	69.24
53537	60.73	-3.10	-14.33	408.86	239.48	-470.11	222.34	-53.58	68.65
53538	59.51	-3.10	-14.33	343.94	201.17	-468.22	259.65	-59.00	61.77
53539	55.01	-2.50	-11.67	285.39	242.30	-124.44	559.52	-226.14	-848.40
53540	55.08	-3.10	-11.67	329.80	242.47	-57.04	536.94	-255.91	-804.41
53541	55.85	-2.50	-11.67	248.74	195.65	-372.33	482.19	-206.31	-322.62
53542	55.93	-3.10	-11.67	279.95	173.22	-349.82	461.59	-220.80	-302.59
53543	56.70	-2.50	-11.67	224.76	185.08	-433.48	393.38	-206.84	-187.85
53544	56.77	-3.10	-11.67	246.77	151.32	-409.73	374.06	-216.91	-175.65
53545	57.54	-2.50	-11.67	229.32	191.41	-464.94	323.27	-226.47	-127.81
53546	57.62	-3.10	-11.67	245.98	154.28	-440.49	304.94	-234.47	-119.98
53547	58.39	-2.50	-11.67	255.00	207.36	-485.65	265.00	-234.60	-99.34
53548	58.47	-3.10	-11.67	267.42	170.56	-460.38	248.21	-239.16	-94.01
53549	55.01	-2.50	-13.00	4.32	161.14	-388.41	150.03	-19.97	-402.46
53550	55.08	-3.10	-13.00	7.64	130.13	-354.26	144.56	-24.69	-380.76
53551	55.85	-2.50	-13.00	111.85	183.60	-378.88	380.79	-143.36	-276.74
53552	55.93	-3.10	-13.00	129.99	145.57	-347.75	365.39	-161.73	-261.25
53553	56.70	-2.50	-13.00	161.74	182.49	-459.18	390.58	-161.40	-142.95
53554	56.77	-3.10	-13.00	181.60	137.94	-438.60	372.22	-174.34	-133.00
53555	57.54	-2.50	-13.00	202.49	199.03	-480.42	350.95	-167.43	-80.10
53556	57.62	-3.10	-13.00	220.01	152.22	-459.62	331.05	-175.39	-73.36
53557	58.39	-2.50	-13.00	254.45	225.91	-488.87	298.03	-165.38	-48.48
53558	58.47	-3.10	-13.00	269.27	180.46	-467.38	278.74	-169.21	-43.95
53559	55.01	-2.50	-14.33	-17.52	179.40	-467.63	163.35	16.75	-40.33

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]
53560	55.08	-3.10	-14.33	-23.35	82.57	-446.65	160.43	15.75	-33.12
53561	55.85	-2.50	-14.33	-14.30	152.70	-453.77	332.88	-32.82	-43.94
53562	55.93	-3.10	-14.33	-16.43	62.21	-428.43	318.45	-38.95	-38.54
53563	56.70	-2.50	-14.33	61.36	173.28	-473.62	406.90	-67.89	-2.05
53564	56.77	-3.10	-14.33	70.08	78.19	-451.34	386.28	-75.07	1.35
53565	57.54	-2.50	-14.33	155.61	208.77	-485.05	392.67	-68.52	26.91
53566	57.62	-3.10	-14.33	169.44	114.77	-463.51	369.00	-72.56	29.04
53567	58.39	-2.50	-14.33	250.29	252.66	-487.36	336.19	-63.76	45.20
53568	58.47	-3.10	-14.33	264.07	159.38	-465.84	312.52	-65.06	46.76
53569	97.31	-7.26	-11.67	207.65	167.21	-336.00	159.28	115.12	-12.40
53570	98.20	-7.26	-11.67	158.21	172.70	-325.57	146.01	121.93	18.08
53571	99.09	-7.26	-11.67	107.02	179.87	-311.38	126.14	116.37	54.73
53572	99.98	-7.26	-11.67	59.49	187.29	-303.87	100.60	98.93	96.32
53573	100.87	-7.26	-11.67	25.74	193.07	-323.25	70.03	68.49	141.88
53574	97.69	-6.18	-11.67	204.99	200.84	-385.51	159.97	136.28	-10.54
53575	98.57	-6.18	-11.67	152.83	202.91	-371.05	144.98	139.84	21.77
53576	99.44	-6.18	-11.67	100.33	206.49	-353.12	123.45	128.81	59.75
53577	100.32	-6.18	-11.67	53.05	210.14	-342.41	96.62	104.29	102.07
53578	101.20	-6.17	-11.67	21.20	212.09	-360.08	65.42	66.16	147.31
53579	98.01	-5.08	-11.67	201.98	236.57	-437.30	158.41	158.01	-8.10
53580	98.87	-5.08	-11.67	147.18	235.04	-418.60	141.88	158.12	25.67
53581	99.74	-5.08	-11.67	93.57	234.84	-396.80	118.92	141.43	64.38
53582	100.60	-5.07	-11.67	46.79	234.66	-382.88	91.03	109.70	106.69
53583	101.47	-5.07	-11.67	16.86	232.92	-398.77	59.59	63.56	150.83
53584	98.27	-3.96	-11.67	199.01	271.89	-488.69	154.60	180.30	-5.10
53585	99.12	-3.96	-11.67	141.69	266.63	-465.81	136.69	176.72	29.62
53586	99.98	-3.96	-11.67	87.14	262.44	-440.08	112.51	154.13	68.37
53587	100.83	-3.96	-11.67	40.93	258.30	-422.80	83.86	114.92	109.80
53588	101.69	-3.96	-11.67	13.01	252.46	-436.31	52.42	60.60	152.15
53589	97.31	-7.26	-13.00	261.14	194.08	-332.16	213.07	77.88	22.01
53590	98.20	-7.26	-13.00	198.94	200.67	-329.02	192.67	80.94	40.34
53591	99.09	-7.26	-13.00	136.73	209.68	-322.98	163.41	74.97	65.09
53592	99.98	-7.26	-13.00	77.49	221.56	-320.72	125.14	61.51	97.61
53593	100.87	-7.26	-13.00	31.97	228.48	-346.80	85.49	48.75	135.09
53594	97.69	-6.18	-13.00	255.97	238.29	-381.83	213.99	92.12	25.28
53595	98.57	-6.18	-13.00	190.52	240.02	-376.64	191.31	93.15	45.34
53596	99.44	-6.18	-13.00	126.68	244.20	-368.87	159.85	83.28	71.40
53597	100.32	-6.18	-13.00	68.29	250.62	-365.04	119.83	64.51	104.87
53598	101.20	-6.17	-13.00	26.27	253.35	-389.71	79.17	45.85	143.22
53599	98.01	-5.08	-13.00	249.59	281.82	-435.26	212.03	106.78	27.57
53600	98.87	-5.08	-13.00	180.92	278.56	-427.87	187.42	105.70	48.97
53601	99.74	-5.08	-13.00	115.70	277.36	-418.37	154.23	91.89	75.70
53602	100.60	-5.07	-13.00	58.53	278.16	-413.13	112.79	67.90	109.29
53603	101.47	-5.07	-13.00	19.95	275.16	-437.60	71.66	43.11	147.56
53604	98.27	-3.96	-13.00	243.88	328.30	-487.10	207.29	122.12	28.23
53605	99.12	-3.96	-13.00	172.05	319.41	-477.73	181.06	118.67	50.59
53606	99.98	-3.96	-13.00	105.74	312.47	-466.49	146.58	100.68	77.34
53607	100.83	-3.96	-13.00	49.99	307.11	-459.65	104.01	71.02	110.40
53608	101.69	-3.96	-13.00	15.03	300.01	-483.16	63.30	39.70	147.37
53609	97.31	-7.26	-14.33	320.93	229.23	-330.50	286.58	30.66	65.44
53610	98.20	-7.26	-14.33	240.84	238.85	-331.61	254.95	31.45	67.29
53611	99.09	-7.26	-14.33	164.62	250.13	-331.78	216.07	28.40	77.28
53612	99.98	-7.26	-14.33	100.39	267.46	-332.13	161.60	18.46	88.64
53613	100.87	-7.26	-14.33	41.53	308.13	-345.40	83.01	21.41	132.33
53614	97.69	-6.18	-14.33	310.16	274.14	-380.04	287.37	35.91	62.09
53615	98.57	-6.18	-14.33	225.19	277.58	-380.66	253.99	36.14	65.73
53616	99.44	-6.18	-14.33	146.16	282.56	-380.43	211.87	31.35	76.37
53617	100.32	-6.18	-14.33	81.99	294.59	-380.49	155.63	19.73	88.69
53618	101.20	-6.17	-14.33	30.70	316.99	-393.59	77.73	19.11	130.56
53619	98.01	-5.08	-14.33	298.27	318.91	-431.32	285.50	41.47	63.13
53620	98.87	-5.08	-14.33	208.21	315.72	-431.37	249.92	41.12	67.74
53621	99.74	-5.08	-14.33	126.49	313.74	-430.65	205.52	34.72	78.75
53622	100.60	-5.07	-14.33	63.10	316.73	-430.70	148.05	21.45	90.82
53623	101.47	-5.07	-14.33	20.45	326.24	-443.45	67.32	17.45	133.78
53624	98.27	-3.96	-14.33	285.90	361.96	-483.07	280.55	47.64	69.26
53625	99.12	-3.96	-14.33	190.73	351.67	-482.57	242.48	46.51	74.20
53626	99.98	-3.96	-14.33	106.73	341.35	-481.46	196.46	38.41	85.33
53627	100.83	-3.96	-14.33	44.90	336.48	-481.09	138.02	23.02	96.27
53628	101.69	-3.96	-14.33	9.41	331.51	-494.22	51.65	15.74	143.50
53629	79.06	-3.95	-11.67	553.37	290.41	-455.05	97.42	0.13	-184.41
53630	79.05	-5.05	-11.67	523.91	228.00	-400.99	93.42	-0.71	-176.78
53631	79.04	-6.15	-11.67	493.89	166.78	-346.13	88.81	-1.51	-168.55
53632	79.03	-7.25	-11.67	463.50	110.46	-293.40	83.71	-2.26	-159.17
53633	80.27	-3.95	-11.67	547.58	292.95	-455.37	104.85	7.19	-184.12
53634	80.24	-5.05	-11.67	518.07	230.86	-401.23	101.13	4.85	-176.49
53635	80.21	-6.15	-11.67	488.13	169.92	-346.36	96.69	2.55	-168.28
53636	80.18	-7.25	-11.67	457.96	113.83	-293.66	91.63	0.36	-158.93
53637	81.48	-3.95	-11.67	539.37	295.10	-455.63	112.48	13.51	-182.24
53638	81.44	-5.06	-11.67	510.17	233.55	-401.40	109.00	9.69	-174.62
53639	81.39	-6.16	-11.67	480.66	173.08	-346.50	104.67	5.95	-166.45
53640	81.33	-7.25	-11.67	451.01	117.38	-293.86	99.61	2.38	-157.18
53641	82.69	-3.95	-11.67	528.90	296.91	-455.97	120.13	19.14	-178.82
53642	82.63	-5.06	-11.67	500.35	236.10	-401.62	116.82	13.88	-171.20
53643	82.56	-6.16	-11.67	471.59	176.29	-346.67	112.56	8.75	-163.09
53644	82.48	-7.25	-11.67	442.76	121.13	-294.08	107.47	3.86	-153.97
53645	83.90	-3.95	-11.67	516.33	298.40	-456.62	127.61	24.22	-173.88
53646	83.83	-5.06	-11.67	488.75	238.57	-402.10	124.45	17.56	-166.28
53647	83.74	-6.16	-11.67	461.03	179.59	-347.04	120.21	11.08	-158.26
53648	83.63	-7.25	-11.67	433.31	125.11	-294.45	115.07	4.94	-149.33
53649	85.12	-3.95	-11.67	501.82	299.61	-457.86	134.81	29.03	-167.46
53650	85.03	-5.06	-11.67	475.48	240.97	-403.07	131.73	21.00	-159.91
53651	84.91	-6.16	-11.67	449.10	183.02	-347.80	127.49	13.20	-151.99
53652	84.78	-7.26	-11.67	422.75	129.35	-295.13	122.27	5.82	-143.31
53653	86.33	-3.96	-11.67	485.52	300.54	-460.02	141.61	34.04	-159.63
53654	86.22	-5.06	-11.67	460.66	243.33	-404.82	138.60	24.62	-152.12
53655	86.09	-6.16	-11.67	435.85	186.60	-349.19	134.32	15.48	-144.32
53656	85.93	-7.26	-11.67	411.12	133.88	-296.30	128.99	6.85	-135.93
53657	87.54	-3.96	-11.67	467.57	301.14	-463.45	147.98	39.87	-150.44
53658	87.42	-5.07	-11.67	444.36	245.62	-407.65	145.02	29.02	-142.99

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]
53659	87.26	-6.17	-11.67	421.30	190.32	-351.44	140.67	18.48	-135.30
53660	87.08	-7.26	-11.67	398.38	138.69	-298.12	135.21	8.52	-127.23
53661	88.75	-3.96	-11.67	448.06	301.29	-468.43	153.89	47.32	-139.97
53662	88.61	-5.07	-11.67	426.65	247.70	-411.82	151.03	34.98	-132.62
53663	88.44	-6.17	-11.67	405.45	194.09	-354.79	146.63	22.95	-125.02
53664	88.23	-7.26	-11.67	384.47	143.74	-300.75	141.02	11.51	-117.24
53665	89.96	-3.96	-11.67	427.05	300.78	-475.10	159.31	57.28	-128.32
53666	89.81	-5.07	-11.67	407.56	249.34	-417.52	156.69	43.37	-121.17
53667	89.61	-6.17	-11.67	388.30	197.67	-359.44	152.35	29.77	-113.68
53668	89.38	-7.26	-11.67	369.30	148.83	-304.37	146.63	16.72	-106.13
53669	91.18	-3.96	-11.67	404.46	299.35	-483.24	164.13	70.50	-115.60
53670	91.00	-5.07	-11.67	387.08	250.18	-424.68	161.95	54.94	-108.88
53671	90.79	-6.17	-11.67	369.88	200.63	-365.46	157.91	39.74	-101.63
53672	90.53	-7.26	-11.67	352.90	153.57	-309.19	152.24	25.05	-94.31
53673	92.39	-3.96	-11.67	379.96	296.79	-492.11	168.07	87.39	-101.83
53674	92.20	-5.07	-11.67	365.02	249.85	-432.79	166.58	70.07	-95.93
53675	91.96	-6.17	-11.67	350.16	202.49	-372.68	163.12	53.25	-89.26
53676	91.68	-7.26	-11.67	335.40	157.37	-315.37	157.82	36.97	-82.40
53677	93.60	-3.96	-11.67	352.89	293.02	-500.35	170.74	107.63	-86.91
53678	93.39	-5.08	-11.67	340.87	248.22	-440.79	170.10	88.43	-82.30
53679	93.14	-6.18	-11.67	328.83	202.97	-380.41	167.44	69.93	-76.77
53680	92.83	-7.26	-11.67	316.73	159.87	-322.71	162.77	52.13	-70.84
53681	94.81	-3.96	-11.67	322.37	288.23	-506.08	171.57	129.87	-70.59
53682	94.59	-5.08	-11.67	313.77	245.49	-447.09	171.87	108.80	-67.72
53683	94.31	-6.18	-11.67	305.12	202.31	-387.35	170.08	88.57	-63.88
53684	93.98	-7.26	-11.67	296.29	161.32	-330.27	166.16	69.21	-59.49
53685	96.02	-3.96	-11.67	287.59	282.86	-507.32	169.86	151.64	-52.45
53686	95.78	-5.08	-11.67	282.84	242.25	-449.88	171.16	129.00	-51.59
53687	95.49	-6.18	-11.67	278.03	201.21	-391.81	170.26	107.25	-49.81
53688	95.13	-7.26	-11.67	272.94	162.46	-336.37	167.14	86.37	-47.37
53689	97.23	-3.96	-11.67	248.37	277.41	-502.56	164.89	169.55	-31.98
53690	96.98	-5.08	-11.67	247.64	239.12	-447.60	167.31	146.19	-33.19
53691	96.66	-6.18	-11.67	246.88	200.42	-392.14	167.45	123.61	-33.59
53692	96.28	-7.26	-11.67	245.79	163.99	-339.16	165.31	101.83	-33.30
53693	79.06	-3.95	-13.00	651.15	336.59	-457.23	115.44	0.33	-87.04
53694	79.05	-5.05	-13.00	614.94	253.91	-404.56	110.78	-0.13	-80.03
53695	79.04	-6.15	-13.00	579.09	176.15	-349.58	105.51	-0.52	-75.24
53696	79.03	-7.25	-13.00	542.04	99.34	-299.17	99.58	-0.84	-72.77
53697	80.27	-3.95	-13.00	646.07	339.99	-458.26	126.34	4.30	-86.93
53698	80.24	-5.05	-13.00	609.64	257.69	-405.50	121.78	2.85	-79.89
53699	80.21	-6.15	-13.00	573.71	180.28	-350.48	116.45	1.47	-75.08
53700	80.18	-7.25	-13.00	536.74	103.81	-300.08	110.33	0.18	-72.58
53701	81.48	-3.95	-13.00	638.79	343.22	-459.26	137.60	7.77	-85.77
53702	81.44	-5.06	-13.00	602.53	261.57	-406.39	133.07	5.35	-78.69
53703	81.39	-6.16	-13.00	566.92	184.77	-351.30	127.62	3.02	-73.85
53704	81.33	-7.25	-13.00	530.38	108.83	-300.89	121.23	0.81	-71.31
53705	82.69	-3.95	-13.00	629.45	346.34	-460.29	148.99	10.77	-83.59
53706	82.63	-5.06	-13.00	593.77	265.61	-407.28	144.42	7.42	-76.45
53707	82.56	-6.16	-13.00	558.84	189.67	-352.11	138.79	4.16	-71.56
53708	82.48	-7.25	-13.00	523.07	114.46	-301.65	132.09	1.07	-68.98
53709	83.90	-3.95	-13.00	618.19	349.42	-461.45	160.27	13.44	-80.39
53710	83.83	-5.06	-13.00	583.46	269.89	-408.28	155.62	9.16	-73.18
53711	83.74	-6.16	-13.00	549.57	195.05	-352.96	149.76	5.00	-68.23
53712	83.63	-7.25	-13.00	514.91	120.78	-302.40	142.70	1.05	-65.61
53713	85.12	-3.95	-13.00	605.07	352.50	-462.87	171.27	16.01	-76.21
53714	85.03	-5.06	-13.00	571.63	274.47	-409.47	166.49	10.80	-68.90
53715	84.91	-6.16	-13.00	539.13	201.01	-353.94	160.34	5.73	-63.87
53716	84.78	-7.26	-13.00	505.91	127.87	-303.20	152.89	0.92	-61.20
53717	86.33	-3.96	-13.00	590.06	355.57	-464.69	181.83	18.83	-71.05
53718	86.22	-5.06	-13.00	558.24	279.39	-410.98	176.89	12.66	-63.63
53719	86.09	-6.16	-13.00	527.45	207.60	-355.15	170.41	6.64	-58.47
53720	85.93	-7.26	-13.00	495.99	135.81	-304.10	162.52	0.92	-55.71
53721	87.54	-3.96	-13.00	573.00	358.55	-467.06	191.86	22.42	-64.93
53722	87.42	-5.07	-13.00	543.08	284.58	-412.94	186.78	15.22	-57.38
53723	87.26	-6.17	-13.00	514.29	214.85	-356.65	179.93	8.16	-52.01
53724	87.08	-7.26	-13.00	484.92	144.72	-305.13	171.54	1.40	-49.09
53725	88.75	-3.96	-13.00	553.60	361.20	-470.12	201.29	27.39	-57.91
53726	88.61	-5.07	-13.00	525.83	289.87	-415.47	196.17	19.10	-50.21
53727	88.44	-6.17	-13.00	499.28	222.67	-358.55	189.00	10.89	-44.51
53728	88.23	-7.26	-13.00	472.25	154.63	-306.29	180.04	2.90	-41.22
53729	89.96	-3.96	-13.00	531.43	363.11	-473.92	210.02	34.42	-50.05
53730	89.81	-5.07	-13.00	506.10	294.78	-418.67	205.14	24.97	-42.24
53731	89.61	-6.17	-13.00	481.96	230.65	-360.96	197.86	15.56	-36.12
53732	89.38	-7.26	-13.00	457.42	165.32	-307.63	188.41	6.21	-32.15
53733	91.18	-3.96	-13.00	505.96	363.71	-478.37	217.84	44.03	-41.44
53734	91.00	-5.07	-13.00	483.47	298.57	-422.53	213.61	33.41	-33.71
53735	90.79	-6.17	-13.00	462.00	237.86	-363.99	206.75	22.86	-27.23
53736	90.53	-7.26	-13.00	440.02	175.93	-309.38	197.25	12.26	-22.38
53737	92.39	-3.96	-13.00	476.51	362.46	-483.16	224.31	56.42	-32.12
53738	92.20	-5.07	-13.00	457.44	300.41	-426.88	221.19	44.60	-24.87
53739	91.96	-6.17	-13.00	439.18	243.04	-367.72	215.41	33.06	-18.45
53740	91.68	-7.26	-13.00	420.09	184.68	-312.00	206.76	21.61	-12.96
53741	93.60	-3.96	-13.00	442.31	359.00	-487.69	228.80	71.22	-22.09
53742	93.39	-5.08	-13.00	427.41	299.75	-431.29	227.12	58.16	-15.82
53743	93.14	-6.18	-13.00	413.18	245.23	-372.01	222.89	45.72	-10.22
53744	92.83	-7.26	-13.00	397.84	189.87	-315.91	215.90	33.79	-5.09
53745	94.81	-3.96	-13.00	402.68	353.31	-491.22	230.60	87.32	-11.27
53746	94.59	-5.08	-13.00	392.68	296.64	-435.16	230.47	73.04	-6.50
53747	94.31	-6.18	-13.00	383.30	244.46	-376.39	227.87	59.65	-2.52
53748	93.98	-7.26	-13.00	372.77	191.33	-320.99	222.64	47.16	0.93
53749	96.02	-3.96	-13.00	357.40	345.79	-492.94	229.00	102.79	0.10
53750	95.78	-5.08	-13.00	352.78	291.70	-437.75	230.40	87.48	3.03
53751	95.49	-6.18	-13.00	348.81	241.76	-380.18	229.25	73.17	4.85
53752	95.13	-7.26	-13.00	343.71	190.69	-326.34	225.37	59.74	5.90
53753	97.23	-3.96	-13.00	306.62	337.42	-492.12	222.26	115.20	12.20
53754	96.98	-5.08	-13.00	307.46	286.46	-438.35	225.24	99.36	13.22
53755	96.66	-6.18	-13.00	308.97	239.18	-382.61	225.44	84.45	12.85
53756	96.28	-7.26	-13.00	309.30	190.98	-330.73	222.68	70.21	11.56
53757	79.06	-3.95	-14.33	752.32	355.05	-456.50	133.46	1.68	39.68



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]
53758	79.05	-5.05	-14.33	710.73	269.57	-405.20	128.37	1.34	36.36
53759	79.04	-6.15	-14.33	668.64	184.51	-353.50	122.43	1.26	38.74
53760	79.03	-7.25	-14.33	626.12	101.51	-303.31	115.90	1.44	46.02
53761	80.27	-3.95	-14.33	747.42	359.27	-457.96	149.06	2.92	39.67
53762	80.24	-5.05	-14.33	705.43	274.32	-406.57	143.89	2.22	36.38
53763	80.21	-6.15	-14.33	663.12	189.72	-354.83	137.64	1.77	38.82
53764	80.18	-7.25	-14.33	620.58	107.11	-304.65	130.59	1.59	46.17
53765	81.48	-3.95	-14.33	740.54	363.50	-459.41	165.17	3.96	40.03
53766	81.44	-5.06	-14.33	698.63	279.43	-407.92	159.82	2.91	36.78
53767	81.39	-6.16	-14.33	656.55	195.62	-356.13	153.19	2.12	39.32
53768	81.33	-7.25	-14.33	614.39	113.75	-305.95	145.54	1.58	46.77
53769	82.69	-3.95	-14.33	731.93	367.86	-460.86	181.49	4.82	40.77
53770	82.63	-5.06	-14.33	690.55	284.99	-409.26	175.89	3.43	37.58
53771	82.56	-6.16	-14.33	649.12	202.32	-357.41	168.80	2.30	40.22
53772	82.48	-7.25	-14.33	607.72	121.52	-307.21	160.47	1.43	47.82
53773	83.90	-3.95	-14.33	721.77	372.44	-462.34	197.75	5.54	41.89
53774	83.83	-5.06	-14.33	681.34	291.11	-410.62	191.83	3.82	38.75
53775	83.74	-6.16	-14.33	640.96	209.93	-358.69	184.20	2.36	41.52
53776	83.63	-7.25	-14.33	600.70	130.56	-308.44	175.14	1.15	49.31
53777	85.12	-3.95	-14.33	710.12	377.31	-463.88	213.70	6.22	43.36
53778	85.03	-5.06	-14.33	671.04	297.91	-412.02	207.41	4.16	40.31
53779	84.91	-6.16	-14.33	632.11	218.59	-359.99	199.19	2.37	43.23
53780	84.78	-7.26	-14.33	593.36	141.02	-309.65	189.33	0.82	51.26
53781	86.33	-3.96	-14.33	696.88	382.48	-465.50	229.14	7.00	45.20
53782	86.22	-5.06	-14.33	659.54	305.42	-413.47	222.46	4.59	42.24
53783	86.09	-6.16	-14.33	622.44	228.41	-361.32	213.59	2.44	45.36
53784	85.93	-7.26	-14.33	585.59	153.09	-310.84	202.86	0.52	53.70
53785	87.54	-3.96	-14.33	681.70	387.82	-467.25	243.91	8.10	47.39
53786	87.42	-5.07	-14.33	646.49	313.59	-415.03	236.87	5.31	44.55
53787	87.26	-6.17	-14.33	611.59	239.46	-362.69	227.32	2.74	47.93
53788	87.08	-7.26	-14.33	577.07	166.98	-312.00	215.63	0.38	56.69
53789	88.75	-3.96	-14.33	663.92	393.02	-469.15	257.86	9.80	49.93
53790	88.61	-5.07	-14.33	631.23	322.16	-416.70	250.63	6.57	47.22
53791	88.44	-6.17	-14.33	598.93	251.63	-364.12	240.47	3.53	50.96
53792	88.23	-7.26	-14.33	567.16	182.90	-313.10	227.71	0.60	60.36
53793	89.96	-3.96	-14.33	642.57	397.51	-471.22	270.82	12.37	52.78
53794	89.81	-5.07	-14.33	612.88	330.50	-418.53	263.73	8.69	50.19
53795	89.61	-6.17	-14.33	583.53	264.34	-365.66	253.28	5.16	54.39
53796	89.38	-7.26	-14.33	554.85	200.68	-314.15	239.56	1.57	64.75
53797	91.18	-3.96	-14.33	616.40	400.52	-473.45	282.47	16.06	55.92
53798	91.00	-5.07	-14.33	590.34	337.57	-420.52	276.06	11.93	53.36
53799	90.79	-6.17	-14.33	564.41	276.27	-367.36	266.03	7.95	57.99
53800	90.53	-7.26	-14.33	539.06	218.95	-315.25	252.09	3.82	69.59
53801	92.39	-3.96	-14.33	583.97	401.17	-475.76	292.23	20.97	59.31
53802	92.20	-5.07	-14.33	562.42	342.17	-422.63	287.13	16.37	56.59
53803	91.96	-6.17	-14.33	540.68	285.42	-369.28	278.48	12.08	61.41
53804	91.68	-7.26	-14.33	519.12	234.48	-316.66	265.90	7.76	74.09
53805	93.60	-3.96	-14.33	543.79	398.82	-478.02	299.38	26.95	62.98
53806	93.39	-5.08	-14.33	527.80	343.37	-424.80	296.03	21.88	59.83
53807	93.14	-6.18	-14.33	511.40	290.09	-371.42	289.47	17.34	64.34
53808	92.83	-7.26	-14.33	494.82	243.35	-318.65	279.81	13.26	77.15
53809	94.81	-3.96	-14.33	494.71	393.09	-480.10	303.12	33.58	66.89
53810	94.59	-5.08	-14.33	485.31	340.86	-426.89	301.81	28.03	63.05
53811	94.31	-6.18	-14.33	475.37	290.01	-373.67	297.48	23.21	66.75
53812	93.98	-7.26	-14.33	465.25	244.53	-321.26	290.77	19.30	78.36
53813	96.02	-3.96	-14.33	436.55	383.97	-481.85	303.00	40.07	70.92
53814	95.78	-5.08	-14.33	434.47	334.87	-428.82	303.86	34.16	66.07
53815	95.49	-6.18	-14.33	431.70	285.70	-376.03	301.69	29.13	68.50
53816	95.13	-7.26	-14.33	428.69	240.33	-324.33	297.13	24.97	78.20
53817	97.23	-3.96	-14.33	370.63	372.33	-482.78	299.97	44.73	71.31
53818	96.98	-5.08	-14.33	376.22	325.60	-430.25	302.54	38.64	65.62
53819	96.66	-6.18	-14.33	381.24	277.45	-378.18	302.42	33.39	66.35
53820	96.28	-7.26	-14.33	385.76	230.84	-327.59	300.12	28.77	73.12
53821	59.67	-3.96	-11.67	308.38	141.93	-435.44	182.36	-232.22	-73.64
53822	59.92	-5.08	-11.67	317.75	84.17	-383.29	147.62	-229.88	-56.51
53823	60.24	-6.18	-11.67	320.99	34.54	-330.82	111.91	-222.74	-37.46
53824	60.62	-7.26	-11.67	318.63	-3.87	-281.65	78.23	-210.22	-18.39
53825	60.88	-3.96	-11.67	335.75	161.14	-443.18	155.18	-215.25	-72.70
53826	61.12	-5.08	-11.67	341.56	104.55	-390.00	125.39	-209.92	-58.05
53827	61.41	-6.18	-11.67	342.51	54.70	-336.32	95.00	-200.76	-41.92
53828	61.77	-7.26	-11.67	338.86	14.41	-285.74	66.36	-187.34	-25.76
53829	62.09	-3.96	-11.67	363.90	179.41	-447.87	132.97	-194.80	-75.48
53830	62.31	-5.08	-11.67	365.99	123.54	-393.74	107.52	-187.37	-62.29
53831	62.59	-6.18	-11.67	364.06	73.16	-338.88	81.69	-176.85	-47.90
53832	62.92	-7.26	-11.67	358.23	30.96	-286.89	57.38	-162.91	-33.56
53833	63.30	-3.96	-11.67	391.34	196.07	-449.90	115.05	-172.91	-81.23
53834	63.51	-5.08	-11.67	389.73	140.49	-395.11	93.46	-163.97	-68.94
53835	63.76	-6.18	-11.67	384.73	89.37	-339.44	71.68	-152.49	-55.70
53836	64.07	-7.26	-11.67	376.41	45.31	-286.50	51.16	-138.19	-42.64
53837	64.51	-3.96	-11.67	417.43	210.73	-450.13	100.80	-151.23	-89.32
53838	64.70	-5.07	-11.67	412.30	154.98	-395.03	82.60	-141.28	-77.75
53839	64.94	-6.17	-11.67	404.33	102.84	-339.05	64.37	-129.18	-65.49
53840	65.22	-7.26	-11.67	393.54	57.01	-285.85	47.16	-114.80	-53.60
53841	65.72	-3.96	-11.67	441.88	223.32	-449.47	89.70	-130.90	-99.14
53842	65.90	-5.07	-11.67	433.49	166.97	-394.38	74.38	-120.40	-88.27
53843	66.11	-6.17	-11.67	422.72	113.57	-338.53	59.10	-108.13	-77.01
53844	66.37	-7.26	-11.67	409.59	66.00	-285.59	44.60	-94.14	-66.22
53845	66.94	-3.96	-11.67	464.49	234.04	-448.66	81.31	-112.46	-110.07
53846	67.09	-5.07	-11.67	453.06	176.78	-393.77	68.31	-101.88	-99.91
53847	67.29	-6.17	-11.67	439.62	122.01	-338.28	55.36	-89.91	-89.59
53848	67.52	-7.26	-11.67	424.14	72.82	-285.79	42.94	-76.77	-79.68
53849	68.15	-3.96	-11.67	485.03	243.22	-448.16	75.28	-96.02	-121.48
53850	68.29	-5.07	-11.67	470.71	184.92	-393.53	64.10	-85.77	-111.98
53851	68.46	-6.17	-11.67	454.64	128.82	-338.41	52.95	-74.52	-102.41
53852	68.67	-7.26	-11.67	436.75	78.24	-286.27	42.16	-62.53	-93.07
53853	69.36	-3.96	-11.67	503.25	251.19	-448.13	71.37	-81.40	-132.81
53854	69.48	-5.07	-11.67	486.18	191.88	-393.73	61.65	-71.81	-123.84
53855	69.64	-6.17	-11.67	467.54	134.60	-338.88	51.92	-61.52	-114.81
53856	69.82	-7.26	-11.67	447.26	82.81	-286.92	42.45	-50.83	-105.75

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]
53857	70.57	-3.96	-11.67	518.97	258.24	-448.58	69.44	-68.28	-143.59
53858	70.68	-5.06	-11.67	499.32	198.02	-394.34	60.91	-59.59	-135.03
53859	70.81	-6.16	-11.67	478.24	139.70	-339.64	52.35	-50.42	-126.34
53860	70.97	-7.26	-11.67	455.70	86.86	-287.69	43.98	-41.05	-117.35
53861	71.78	-3.95	-11.67	532.07	264.55	-449.41	69.35	-56.32	-153.48
53862	71.87	-5.06	-11.67	510.04	203.53	-395.26	61.82	-48.71	-145.22
53863	71.99	-6.16	-11.67	486.74	144.32	-340.61	54.23	-40.77	-136.73
53864	72.12	-7.26	-11.67	462.16	90.57	-288.57	46.78	-32.73	-127.70
53865	73.00	-3.95	-11.67	542.46	270.23	-450.48	70.95	-45.27	-162.23
53866	73.07	-5.06	-11.67	518.34	208.55	-396.37	64.28	-38.86	-154.18
53867	73.16	-6.16	-11.67	493.09	148.60	-341.70	57.50	-32.24	-145.81
53868	73.27	-7.25	-11.67	466.76	94.04	-289.54	50.80	-25.58	-136.71
53869	74.21	-3.95	-11.67	550.11	275.31	-451.63	74.07	-34.94	-169.67
53870	74.27	-5.06	-11.67	524.22	213.14	-397.55	68.13	-29.85	-161.78
53871	74.34	-6.16	-11.67	497.33	152.59	-342.84	62.02	-24.62	-153.47
53872	74.42	-7.25	-11.67	469.55	97.37	-290.52	55.89	-19.39	-144.28
53873	75.42	-3.95	-11.67	555.01	279.85	-452.75	78.50	-25.24	-175.68
53874	75.46	-5.06	-11.67	527.69	217.35	-398.67	73.17	-21.55	-167.90
53875	75.51	-6.16	-11.67	499.49	156.37	-343.92	67.60	-17.78	-159.63
53876	75.57	-7.25	-11.67	470.58	100.63	-291.46	61.90	-14.02	-150.36
53877	76.63	-3.95	-11.67	557.16	283.88	-453.73	84.01	-16.14	-180.17
53878	76.66	-5.05	-11.67	528.76	221.23	-399.67	79.21	-13.93	-172.47
53879	76.69	-6.15	-11.67	499.61	159.99	-344.87	74.06	-11.67	-164.22
53880	76.72	-7.25	-11.67	469.88	103.88	-292.28	68.65	-9.41	-154.89
53881	77.84	-3.95	-11.67	556.59	287.40	-454.52	90.39	-7.67	-183.09
53882	77.85	-5.05	-11.67	527.50	224.81	-400.48	86.04	-6.98	-175.44
53883	77.86	-6.15	-11.67	497.74	163.49	-345.65	81.20	-6.24	-167.20
53884	77.87	-7.25	-11.67	467.50	107.17	-292.94	75.99	-5.50	-157.83
53885	59.67	-3.96	-13.00	333.70	145.24	-436.62	205.28	-159.70	-19.37
53886	59.92	-5.08	-13.00	348.78	68.95	-384.23	164.24	-158.15	-4.87
53887	60.24	-6.18	-13.00	358.46	8.01	-330.08	122.21	-153.14	9.14
53888	60.62	-7.26	-13.00	361.64	-42.13	-280.37	82.54	-144.26	21.25
53889	60.88	-3.96	-13.00	375.28	173.98	-439.65	174.11	-145.74	-15.25
53890	61.12	-5.08	-13.00	385.78	99.26	-386.47	138.51	-142.22	-2.41
53891	61.41	-6.18	-13.00	391.87	38.37	-331.15	102.20	-136.18	9.85
53892	61.77	-7.26	-13.00	392.24	-14.08	-279.94	67.84	-127.33	20.53
53893	62.09	-3.96	-13.00	415.54	200.78	-441.80	148.27	-130.23	-15.17
53894	62.31	-5.08	-13.00	421.12	127.36	-388.02	117.89	-125.24	-3.11
53895	62.59	-6.18	-13.00	422.99	66.39	-331.70	87.11	-118.27	8.47
53896	62.92	-7.26	-13.00	419.64	12.30	-278.97	58.04	-109.13	18.88
53897	63.30	-3.96	-13.00	453.50	224.37	-443.20	126.78	-114.14	-18.15
53898	63.51	-5.08	-13.00	454.14	151.58	-389.04	101.38	-108.03	-6.53
53899	63.76	-6.18	-13.00	451.67	90.03	-332.10	75.94	-100.18	4.61
53900	64.07	-7.26	-13.00	444.44	33.99	-278.45	52.25	-90.28	14.70
53901	64.51	-3.96	-13.00	488.47	244.31	-444.02	109.49	-98.47	-23.13
53902	64.70	-5.07	-13.00	484.41	171.36	-389.74	88.59	-91.56	-11.97
53903	64.94	-6.17	-13.00	477.84	108.39	-332.64	68.06	-82.99	-1.55
53904	65.22	-7.26	-13.00	467.12	49.56	-279.01	49.30	-72.43	7.41
53905	65.72	-3.96	-13.00	520.14	260.67	-444.56	95.99	-83.95	-29.51
53906	65.90	-5.07	-13.00	511.72	186.78	-390.37	78.93	-76.59	-18.96
53907	66.11	-6.17	-13.00	501.41	121.61	-333.53	62.44	-67.72	-9.64
53908	66.37	-7.26	-13.00	487.60	59.37	-280.63	47.45	-57.17	-2.42
53909	66.94	-3.96	-13.00	548.38	273.90	-445.08	85.85	-70.99	-36.79
53910	67.09	-5.07	-13.00	535.91	198.57	-391.13	71.81	-63.56	-26.97
53911	67.29	-6.17	-13.00	522.05	130.89	-334.75	58.32	-54.89	-18.86
53912	67.52	-7.26	-13.00	505.11	65.36	-282.76	45.84	-45.02	-13.31
53913	68.15	-3.96	-13.00	573.10	284.67	-445.76	78.68	-59.66	-44.47
53914	68.29	-5.07	-13.00	556.81	207.74	-392.10	66.93	-52.52	-35.36
53915	68.46	-6.17	-13.00	539.45	137.72	-336.18	55.56	-44.43	-28.29
53916	68.67	-7.26	-13.00	519.22	69.52	-284.94	44.81	-35.60	-23.98
53917	69.36	-3.96	-13.00	594.30	293.62	-446.67	74.27	-49.84	-52.12
53918	69.48	-5.07	-13.00	574.38	215.20	-393.27	64.23	-43.21	-43.60
53919	69.64	-6.17	-13.00	553.60	143.22	-337.72	54.44	-35.92	-37.30
53920	69.82	-7.26	-13.00	530.12	72.96	-286.96	45.03	-28.18	-33.74
53921	70.57	-3.96	-13.00	612.06	301.30	-447.81	72.45	-41.25	-59.40
53922	70.68	-5.06	-13.00	588.75	221.58	-394.60	63.74	-35.29	-51.33
53923	70.81	-6.16	-13.00	564.76	148.00	-339.30	55.20	-28.86	-45.55
53924	70.97	-7.26	-13.00	538.26	76.10	-288.81	46.91	-22.16	-42.42
53925	71.78	-3.95	-13.00	626.50	308.04	-449.11	73.09	-33.62	-66.06
53926	71.87	-5.06	-13.00	600.12	227.24	-396.06	65.44	-28.42	-58.33
53927	71.99	-6.16	-13.00	573.23	152.35	-340.91	57.91	-22.88	-52.90
53928	72.12	-7.26	-13.00	544.07	79.10	-290.56	50.53	-17.17	-50.03
53929	73.00	-3.95	-13.00	637.78	314.05	-450.52	75.99	-26.71	-71.96
53930	73.07	-5.06	-13.00	608.71	232.38	-397.59	69.21	-22.35	-64.47
53931	73.16	-6.16	-13.00	579.30	156.43	-342.53	62.46	-17.73	-59.28
53932	73.27	-7.25	-13.00	547.85	82.05	-292.25	55.78	-12.99	-56.58
53933	74.21	-3.95	-13.00	646.04	319.45	-451.97	80.92	-20.37	-76.97
53934	74.27	-5.06	-13.00	614.68	237.14	-399.13	74.83	-16.90	-69.67
53935	74.34	-6.16	-13.00	583.15	160.36	-344.12	68.68	-13.24	-64.65
53936	74.42	-7.25	-13.00	549.81	85.04	-293.87	62.49	-9.48	-62.06
53937	75.42	-3.95	-13.00	651.38	324.35	-453.41	87.61	-14.51	-81.03
53938	75.46	-5.06	-13.00	618.17	241.60	-400.64	82.06	-11.98	-73.86
53939	75.51	-6.16	-13.00	584.94	164.22	-345.67	76.34	-9.31	-68.96
53940	75.57	-7.25	-13.00	550.10	88.18	-295.40	70.45	-6.56	-66.45
53941	76.63	-3.95	-13.00	653.94	328.81	-454.79	95.78	-9.11	-84.08
53942	76.66	-5.05	-13.00	619.30	245.86	-402.08	90.64	-7.55	-77.00
53943	76.69	-6.15	-13.00	584.79	168.11	-347.13	85.20	-5.89	-72.17
53944	76.72	-7.25	-13.00	548.84	91.57	-296.81	79.42	-4.17	-69.72
53945	77.84	-3.95	-13.00	653.82	332.88	-456.07	105.15	-4.15	-86.09
53946	77.85	-5.05	-13.00	618.21	249.99	-403.42	100.31	-3.60	-79.07
53947	77.86	-6.15	-13.00	582.82	172.12	-348.47	95.01	-2.96	-74.28
53948	77.87	-7.25	-13.00	546.12	95.29	-298.09	89.22	-2.27	-71.82
53949	59.67	-3.96	-14.33	364.33	112.73	-432.05	225.21	-59.30	58.22
53950	59.92	-5.08	-14.33	390.66	32.60	-380.67	175.90	-58.95	58.39
53951	60.24	-6.18	-14.33	410.00	-32.54	-329.57	123.94	-57.23	65.10
53952	60.62	-7.26	-14.33	422.80	-79.79	-279.99	73.49	-54.00	77.50
53953	60.88	-3.96	-14.33	423.93	153.71	-433.87	191.82	-53.31	64.45
53954	61.12	-5.08	-14.33	443.88	77.80	-382.04	148.81	-52.23	63.90
53955	61.41	-6.18	-14.33	457.47	15.33	-330.32	104.21	-50.18	70.65

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]
53956	61.77	-7.26	-14.33	465.45	-30.05	-279.70	61.29	-47.19	84.46
53957	62.09	-3.96	-14.33	478.90	190.27	-435.42	160.52	-46.67	65.03
53958	62.31	-5.08	-14.33	492.29	116.65	-383.39	124.29	-44.98	64.37
53959	62.59	-6.18	-14.33	500.14	55.45	-331.24	87.02	-42.44	71.24
53960	62.92	-7.26	-14.33	502.96	10.50	-279.87	51.33	-39.20	85.95
53961	63.30	-3.96	-14.33	528.47	221.34	-436.92	133.75	-40.10	64.26
53962	63.51	-5.08	-14.33	535.31	148.91	-384.78	103.91	-37.96	63.47
53963	63.76	-6.18	-14.33	537.29	87.63	-332.39	73.69	-34.98	70.32
53964	64.07	-7.26	-14.33	534.68	41.77	-280.57	45.70	-31.02	85.45
53965	64.51	-3.96	-14.33	572.31	246.93	-438.33	112.00	-33.87	62.62
53966	64.70	-5.07	-14.33	572.86	174.48	-386.17	87.89	-31.40	61.64
53967	64.94	-6.17	-14.33	569.26	111.56	-333.70	64.13	-28.01	68.17
53968	65.22	-7.26	-14.33	561.83	61.65	-281.91	43.41	-23.33	82.57
53969	65.72	-3.96	-14.33	610.47	267.43	-439.68	95.08	-28.20	60.40
53970	65.90	-5.07	-14.33	605.14	193.87	-387.58	75.82	-25.55	59.11
53971	66.11	-6.17	-14.33	596.41	127.80	-335.19	57.33	-21.96	64.99
53972	66.37	-7.26	-14.33	584.65	71.49	-283.80	41.82	-17.13	77.83
53973	66.94	-3.96	-14.33	643.20	283.61	-441.05	82.59	-23.24	57.81
53974	67.09	-5.07	-14.33	632.41	208.20	-389.04	67.13	-20.57	56.13
53975	67.29	-6.17	-14.33	618.83	138.34	-336.83	52.46	-17.07	61.22
53976	67.52	-7.26	-14.33	602.66	75.60	-285.93	40.10	-12.57	72.49
53977	68.15	-3.96	-14.33	670.87	296.42	-442.47	74.12	-19.01	55.04
53978	68.29	-5.07	-14.33	654.97	218.93	-390.58	61.50	-16.46	52.98
53979	68.46	-6.17	-14.33	636.69	145.50	-338.55	49.49	-13.23	57.36
53980	68.67	-7.26	-14.33	616.02	77.59	-288.05	39.09	-9.27	67.41
53981	69.36	-3.96	-14.33	693.90	306.81	-443.94	69.40	-15.42	52.27
53982	69.48	-5.07	-14.33	673.23	227.35	-392.18	58.89	-13.09	49.88
53983	69.64	-6.17	-14.33	650.46	150.94	-340.29	48.78	-10.21	53.71
53984	69.82	-7.26	-14.33	625.48	79.15	-290.03	39.84	-6.79	62.95
53985	70.57	-3.96	-14.33	712.70	315.50	-445.47	68.20	-12.36	49.63
53986	70.68	-5.06	-14.33	687.66	234.32	-393.81	59.27	-10.30	46.99
53987	70.81	-6.16	-14.33	660.77	155.53	-342.01	50.61	-7.78	50.42
53988	70.97	-7.26	-14.33	631.91	80.76	-291.89	42.85	-4.82	59.11
53989	71.78	-3.95	-14.33	727.69	323.00	-447.04	70.28	-9.69	47.22
53990	71.87	-5.06	-14.33	698.73	240.38	-395.46	62.57	-7.93	44.38
53991	71.99	-6.16	-14.33	668.17	159.65	-343.73	55.01	-5.76	47.52
53992	72.12	-7.26	-14.33	635.91	82.52	-293.67	48.16	-3.21	55.80
53993	73.00	-3.95	-14.33	739.20	329.62	-448.63	75.35	-7.32	45.09
53994	73.07	-5.06	-14.33	706.82	245.82	-397.13	68.57	-5.87	42.10
53995	73.16	-6.16	-14.33	673.07	163.55	-345.43	61.83	-4.05	45.02
53996	73.27	-7.25	-14.33	637.92	84.48	-295.41	55.63	-1.89	52.98
53997	74.21	-3.95	-14.33	747.48	335.56	-450.23	83.08	-5.16	43.28
53998	74.27	-5.06	-14.33	712.20	250.86	-398.80	77.00	-4.04	40.18
53999	74.34	-6.16	-14.33	675.78	167.36	-347.12	70.83	-2.59	42.91
54000	74.42	-7.25	-14.33	638.21	86.75	-297.09	65.00	-0.82	50.62
54001	75.42	-3.95	-14.33	752.75	340.97	-451.83	93.12	-3.19	41.83
54002	75.46	-5.06	-14.33	715.11	255.64	-400.46	87.53	-2.42	38.64
54003	75.51	-6.16	-14.33	676.52	171.25	-348.79	81.70	-1.34	41.22
54004	75.57	-7.25	-14.33	637.02	89.46	-298.74	76.00	0.04	48.73
54005	76.63	-3.95	-14.33	755.19	345.97	-453.42	105.11	-1.39	40.74
54006	76.66	-5.05	-14.33	715.72	260.28	-402.10	99.83	-0.98	37.48
54007	76.69	-6.15	-14.33	675.47	175.33	-350.44	94.14	-0.29	39.95
54008	76.72	-7.25	-14.33	634.50	92.75	-300.34	88.34	0.69	47.31
54009	77.84	-3.95	-14.33	754.98	350.65	-454.99	118.66	0.23	40.04
54010	77.85	-5.05	-14.33	714.23	264.93	-403.72	113.56	0.27	36.73
54011	77.86	-6.15	-14.33	672.81	179.75	-352.04	107.83	0.58	39.12
54012	77.87	-7.25	-14.33	630.82	96.76	-301.88	101.75	1.16	46.40
54013	55.21	-3.96	-11.67	386.41	247.92	27.68	513.98	-293.55	-748.53
54014	55.43	-5.07	-11.67	462.10	239.77	164.11	502.55	-355.64	-692.61
54015	55.70	-6.17	-11.67	544.34	171.14	358.70	482.41	-451.95	-620.11
54016	56.03	-7.26	-11.67	598.33	23.04	550.49	386.99	-552.90	-449.34
54017	56.07	-3.96	-11.67	318.87	139.68	-315.28	435.78	-239.63	-272.95
54018	56.30	-5.07	-11.67	367.59	77.18	-258.30	403.47	-271.47	-232.40
54019	56.58	-6.18	-11.67	409.02	-17.88	-188.91	347.14	-312.83	-169.36
54020	56.92	-7.26	-11.67	408.04	-123.04	-131.74	239.68	-335.76	-61.69
54021	56.92	-3.96	-11.67	273.73	101.78	-372.66	343.88	-231.08	-153.26
54022	57.16	-5.08	-11.67	302.42	31.14	-318.94	297.30	-250.23	-115.56
54023	57.46	-6.18	-11.67	315.60	-41.15	-262.15	234.04	-265.93	-64.41
54024	57.81	-7.26	-11.67	300.27	-93.67	-210.08	157.76	-269.15	-3.52
54025	57.78	-3.96	-11.67	265.81	102.53	-403.21	274.44	-244.74	-103.23
54026	58.03	-5.08	-11.67	284.13	37.24	-351.84	228.06	-255.24	-74.00
54027	58.33	-6.18	-11.67	289.59	-18.91	-299.50	175.14	-259.61	-38.84
54028	58.70	-7.26	-11.67	281.57	-57.65	-250.50	122.52	-255.51	-1.96
54029	58.63	-3.96	-11.67	281.93	120.84	-422.59	220.38	-243.88	-81.63
54030	58.89	-5.08	-11.67	294.90	60.55	-371.26	179.71	-246.57	-59.90
54031	59.21	-6.18	-11.67	299.41	9.84	-319.48	136.88	-243.51	-35.16
54032	59.59	-7.26	-11.67	296.07	-27.66	-271.11	95.89	-233.58	-9.92
54033	55.21	-3.96	-13.00	10.70	74.44	-299.44	138.91	-34.47	-341.32
54034	55.43	-5.07	-13.00	15.62	3.34	-213.66	132.54	-52.16	-286.42
54035	55.70	-6.17	-13.00	19.60	-72.57	-119.43	121.28	-76.22	-214.12
54036	56.03	-7.26	-13.00	17.45	-152.09	-49.30	96.81	-99.69	-110.25
54037	56.07	-3.96	-13.00	154.72	86.12	-299.77	343.40	-187.47	-232.43
54038	56.30	-5.07	-13.00	187.23	4.67	-228.60	311.28	-222.29	-189.69
54039	56.58	-6.18	-13.00	215.89	-80.41	-154.42	264.96	-255.10	-128.29
54040	56.92	-7.26	-13.00	227.21	-156.46	-101.42	198.04	-269.46	-42.07
54041	56.92	-3.96	-13.00	207.33	68.22	-404.37	342.27	-191.39	-110.84
54042	57.16	-5.08	-13.00	237.23	-19.26	-353.19	295.83	-210.55	-76.25
54043	57.46	-6.18	-13.00	257.14	-95.81	-300.38	237.50	-221.33	-31.76
54044	57.81	-7.26	-13.00	257.70	-154.05	-254.25	170.37	-216.95	17.99
54045	57.78	-3.96	-13.00	241.77	81.97	-425.31	297.82	-184.84	-56.48
54046	58.03	-5.08	-13.00	265.22	-1.37	-374.67	247.85	-193.23	-31.23
54047	58.33	-6.18	-13.00	279.00	-68.20	-321.80	191.92	-194.39	-2.82
54048	58.70	-7.26	-13.00	280.25	-117.18	-272.45	135.67	-186.99	24.47
54049	58.63	-3.96	-13.00	287.24	112.82	-432.24	246.68	-172.98	-30.88
54050	58.89	-5.08	-13.00	306.40	33.94	-380.73	200.14	-174.81	-12.65
54051	59.21	-6.18	-13.00	318.45	-28.30	-327.48	151.34	-171.66	5.93
54052	59.59	-7.26	-13.00	322.35	-76.49	-278.45	104.66	-163.00	22.61
54053	55.21	-3.96	-14.33	-25.63	-4.27	-407.48	153.64	14.45	-29.27
54054	55.43	-5.07	-14.33	-24.39	-80.58	-349.74	148.31	12.30	-15.82

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]
54055	55.70	-6.17	-14.33	-22.25	-148.68	-292.63	145.37	7.06	12.76
54056	56.03	-7.26	-14.33	-17.58	-195.08	-242.07	143.76	-2.10	54.32
54057	56.07	-3.96	-14.33	-11.08	-30.87	-387.61	298.65	-48.38	-32.99
54058	56.30	-5.07	-14.33	3.13	-128.82	-331.04	268.38	-60.28	-17.73
54059	56.58	-6.18	-14.33	22.06	-212.67	-275.20	230.39	-70.22	9.84
54060	56.92	-7.26	-14.33	44.60	-272.99	-227.13	184.43	-75.35	47.12
54061	56.92	-3.96	-14.33	89.75	-18.28	-414.46	353.05	-84.78	2.73
54062	57.16	-5.08	-14.33	119.49	-116.28	-363.17	302.81	-95.28	11.82
54063	57.46	-6.18	-14.33	148.68	-197.16	-312.19	243.17	-101.01	30.64
54064	57.81	-7.26	-14.33	172.92	-250.25	-264.37	177.08	-98.98	56.41
54065	57.78	-3.96	-14.33	194.61	20.06	-427.72	330.33	-77.53	28.51
54066	58.03	-5.08	-14.33	228.39	-72.78	-377.74	272.88	-81.59	33.71
54067	58.33	-6.18	-14.33	256.33	-146.18	-327.63	208.90	-81.54	45.62
54068	58.70	-7.26	-14.33	275.54	-194.45	-278.86	144.01	-76.74	61.52
54069	58.63	-3.96	-14.33	288.31	67.89	-429.75	274.37	-66.69	44.67
54070	58.89	-5.08	-14.33	319.49	-18.46	-379.04	219.05	-67.41	46.80
54071	59.21	-6.18	-14.33	343.42	-87.02	-328.41	159.83	-65.75	54.64
54072	59.59	-7.26	-14.33	359.27	-135.20	-279.41	101.90	-61.58	66.48
54073	100.59	-8.10	-11.67	29.64	180.08	-295.73	72.36	70.22	138.50
54074	99.68	-8.10	-11.67	64.61	171.08	-275.13	102.59	94.81	92.85
54075	98.78	-8.10	-11.67	112.10	160.75	-280.12	127.05	106.75	52.17
54076	97.87	-8.10	-11.67	162.15	150.92	-291.51	145.46	108.12	16.89
54077	96.97	-8.10	-11.67	209.39	142.78	-298.96	157.27	98.81	-11.95
54078	100.36	-8.70	-11.67	32.86	170.13	-276.24	73.66	71.39	136.40
54079	99.44	-8.70	-11.67	68.02	159.21	-254.82	103.56	91.75	91.05
54080	98.52	-8.70	-11.67	115.44	146.92	-258.10	127.05	99.77	51.20
54081	97.61	-8.70	-11.67	164.61	135.31	-267.56	144.33	98.16	17.19
54082	96.69	-8.70	-11.67	210.22	125.26	-273.00	155.01	87.06	-10.12
54083	100.59	-8.10	-13.00	36.24	210.22	-319.25	89.08	51.53	126.57
54084	99.68	-8.10	-13.00	84.10	199.78	-290.46	127.95	59.46	90.81
54085	98.78	-8.10	-13.00	143.63	183.70	-291.41	164.81	68.60	59.19
54086	97.87	-8.10	-13.00	204.51	171.05	-296.04	192.00	71.47	35.85
54087	96.97	-8.10	-13.00	264.09	160.40	-297.87	210.42	66.70	18.92
54088	100.36	-8.70	-13.00	41.00	205.99	-300.98	90.54	53.96	124.74
54089	99.44	-8.70	-13.00	88.93	188.16	-270.63	129.73	57.84	88.69
54090	98.52	-8.70	-13.00	148.69	170.57	-270.74	165.08	63.96	57.81
54091	97.61	-8.70	-13.00	208.49	154.65	-274.55	190.68	64.52	35.50
54092	96.69	-8.70	-13.00	266.11	141.21	-275.79	207.64	58.46	19.93
54093	100.59	-8.10	-14.33	47.15	277.88	-312.83	83.80	24.79	133.92
54094	99.68	-8.10	-14.33	111.00	229.89	-297.98	166.34	18.10	88.34
54095	98.78	-8.10	-14.33	175.63	211.36	-296.99	217.21	26.34	78.87
54096	97.87	-8.10	-14.33	249.68	195.40	-296.42	253.47	27.97	69.56
54097	96.97	-8.10	-14.33	325.85	180.02	-295.10	283.78	26.43	69.81
54098	100.36	-8.70	-14.33	46.50	216.09	-295.32	86.30	27.57	127.72
54099	99.44	-8.70	-14.33	113.60	184.28	-276.87	168.70	17.67	84.62
54100	98.52	-8.70	-14.33	179.10	160.99	-275.87	216.43	24.38	75.98
54101	97.61	-8.70	-14.33	251.59	142.76	-274.82	251.09	25.02	67.60
54102	96.69	-8.70	-14.33	324.45	121.24	-273.75	280.03	22.65	69.74
54103	95.95	-8.10	-11.67	244.59	137.32	-299.68	162.15	84.93	-31.14
54104	94.82	-8.10	-11.67	268.67	133.94	-295.23	163.20	70.28	-43.76
54105	93.69	-8.10	-11.67	289.15	130.97	-288.06	161.61	54.38	-54.54
54106	92.56	-8.10	-11.67	307.22	127.86	-280.20	157.78	38.42	-64.82
54107	91.43	-8.10	-11.67	323.96	123.99	-273.28	152.54	24.50	-75.75
54108	90.30	-8.10	-11.67	339.80	118.96	-267.98	146.91	13.94	-87.22
54109	89.18	-8.10	-11.67	354.60	113.23	-264.05	141.45	6.98	-98.63
54110	88.05	-8.10	-11.67	368.19	107.37	-261.07	136.00	3.09	-109.29
54111	86.92	-8.10	-11.67	380.58	101.65	-258.81	130.33	1.23	-118.76
54112	85.79	-8.10	-11.67	391.91	96.24	-257.17	124.23	0.52	-126.99
54113	84.66	-8.10	-11.67	402.31	91.20	-256.05	117.61	0.38	-133.97
54114	83.53	-8.10	-11.67	411.83	86.50	-255.33	110.51	0.38	-139.68
54115	82.40	-8.10	-11.67	420.42	82.14	-254.89	103.01	0.22	-144.09
54116	81.27	-8.10	-11.67	428.02	78.08	-254.59	95.24	-0.29	-147.13
54117	80.14	-8.10	-11.67	434.55	74.32	-254.33	87.35	-1.29	-148.77
54118	79.01	-8.10	-11.67	439.89	70.87	-254.03	79.49	-2.84	-148.97
54119	95.68	-8.70	-11.67	243.27	118.12	-272.15	158.99	72.73	-28.00
54120	94.56	-8.70	-11.67	265.27	113.49	-266.78	159.55	59.02	-39.78
54121	93.45	-8.70	-11.67	283.69	109.39	-259.19	157.48	44.06	-49.48
54122	92.34	-8.70	-11.67	300.43	105.13	-251.32	153.43	28.70	-59.16
54123	91.23	-8.70	-11.67	315.93	100.41	-244.79	148.20	16.10	-69.84
54124	90.12	-8.70	-11.67	330.43	94.63	-240.06	142.72	6.57	-80.75
54125	89.01	-8.70	-11.67	344.08	88.41	-236.54	137.39	0.67	-91.77
54126	87.90	-8.70	-11.67	356.50	82.14	-233.80	132.06	-2.26	-101.95
54127	86.79	-8.70	-11.67	367.79	76.03	-231.64	126.50	-3.42	-110.94
54128	85.67	-8.70	-11.67	378.15	70.29	-230.00	120.48	-3.54	-118.80
54129	84.56	-8.70	-11.67	387.71	64.95	-228.84	113.95	-3.14	-125.49
54130	83.45	-8.70	-11.67	396.52	59.99	-228.07	106.94	-2.59	-130.98
54131	82.34	-8.70	-11.67	404.54	55.41	-227.56	99.56	-2.16	-135.22
54132	81.23	-8.70	-11.67	411.69	51.21	-227.21	91.90	-2.05	-138.15
54133	80.12	-8.70	-11.67	417.91	47.36	-226.93	84.12	-2.38	-139.72
54134	79.01	-8.70	-11.67	423.11	43.91	-226.61	76.37	-3.25	-139.94
54135	95.95	-8.10	-13.00	308.45	153.94	-295.21	218.51	58.97	9.70
54136	94.82	-8.10	-13.00	338.69	151.11	-289.40	220.47	49.44	5.61
54137	93.69	-8.10	-13.00	363.44	150.09	-282.58	216.61	37.69	2.72
54138	92.56	-8.10	-13.00	384.89	146.78	-276.97	208.42	24.35	-2.07
54139	91.43	-8.10	-13.00	404.51	139.33	-273.84	198.11	12.39	-10.19
54140	90.30	-8.10	-13.00	422.39	128.06	-272.67	188.34	3.86	-20.52
54141	89.18	-8.10	-13.00	437.79	115.46	-272.32	179.99	-1.03	-31.09
54142	88.05	-8.10	-13.00	450.63	103.50	-271.97	172.23	-3.11	-40.53
54143	86.92	-8.10	-13.00	461.45	92.73	-271.42	164.24	-3.62	-48.40
54144	85.79	-8.10	-13.00	470.94	83.14	-270.75	155.63	-3.34	-54.93
54145	84.66	-8.10	-13.00	479.55	74.62	-270.07	146.35	-2.70	-60.33
54146	83.53	-8.10	-13.00	487.49	67.02	-269.39	136.50	-1.95	-64.67
54147	82.40	-8.10	-13.00	494.82	60.27	-268.71	126.23	-1.31	-67.99
54148	81.27	-8.10	-13.00	501.53	54.29	-267.99	115.69	-0.92	-70.28
54149	80.14	-8.10	-13.00	507.54	49.02	-267.19	105.08	-0.87	-71.55
54150	79.01	-8.10	-13.00	512.74	44.44	-266.29	94.62	-1.17	-71.77
54151	95.68	-8.70	-13.00	307.83	133.17	-272.66	214.56	50.66	11.95
54152	94.56	-8.70	-13.00	335.14	128.62	-266.01	215.92	42.27	8.82
54153	93.45	-8.70	-13.00	356.60	125.61	-258.17	211.01	31.11	7.27

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]
54154	92.34	-8.70	-13.00	375.96	120.61	-252.37	201.90	17.35	3.05
54155	91.23	-8.70	-13.00	394.13	112.12	-250.16	191.12	5.96	-5.46
54156	90.12	-8.70	-13.00	410.44	99.83	-250.29	181.64	-1.81	-16.07
54157	89.01	-8.70	-13.00	424.43	86.87	-250.86	173.83	-5.65	-26.79
54158	87.90	-8.70	-13.00	435.85	74.95	-250.94	166.50	-6.76	-35.92
54159	86.79	-8.70	-13.00	445.43	64.18	-250.50	158.84	-6.69	-43.33
54160	85.67	-8.70	-13.00	453.93	54.60	-249.83	150.48	-5.99	-49.49
54161	84.56	-8.70	-13.00	461.74	46.02	-249.10	141.45	-4.97	-54.59
54162	83.45	-8.70	-13.00	469.04	38.35	-248.36	131.87	-3.86	-58.71
54163	82.34	-8.70	-13.00	475.86	31.53	-247.61	121.88	-2.84	-61.87
54164	81.23	-8.70	-13.00	482.19	25.50	-246.83	111.63	-2.03	-64.06
54165	80.12	-8.70	-13.00	487.95	20.20	-246.01	101.28	-1.55	-65.25
54166	79.01	-8.70	-13.00	493.10	15.65	-245.12	91.06	-1.44	-65.50
54167	95.95	-8.10	-14.33	386.04	177.89	-291.76	296.36	25.07	81.03
54168	94.82	-8.10	-14.33	423.06	188.42	-287.65	291.81	22.25	89.05
54169	93.69	-8.10	-14.33	453.83	194.29	-283.77	283.96	16.90	91.78
54170	92.56	-8.10	-14.33	478.26	193.08	-280.77	269.25	10.02	91.97
54171	91.43	-8.10	-14.33	499.09	178.71	-279.27	252.18	3.93	87.77
54172	90.30	-8.10	-14.33	516.17	155.33	-278.82	237.82	0.20	81.18
54173	89.18	-8.10	-14.33	529.10	130.41	-278.63	226.31	-1.42	74.51
54174	88.05	-8.10	-14.33	538.71	107.99	-278.23	215.79	-1.66	68.87
54175	86.92	-8.10	-14.33	546.29	88.91	-277.54	204.83	-1.36	64.50
54176	85.79	-8.10	-14.33	552.92	72.65	-276.66	192.95	-0.86	61.03
54177	84.66	-8.10	-14.33	559.18	58.68	-275.66	180.20	-0.28	58.23
54178	83.53	-8.10	-14.33	565.32	46.68	-274.58	166.75	0.32	56.00
54179	82.40	-8.10	-14.33	571.42	36.42	-273.44	152.79	0.85	54.30
54180	81.27	-8.10	-14.33	577.43	27.74	-272.25	138.52	1.28	53.10
54181	80.14	-8.10	-14.33	583.27	20.47	-270.99	124.20	1.56	52.39
54182	79.01	-8.10	-14.33	588.76	14.52	-269.67	110.10	1.70	52.17
54183	95.68	-8.70	-14.33	380.87	111.70	-271.03	291.67	21.60	83.18
54184	94.56	-8.70	-14.33	413.81	122.13	-266.58	287.05	20.35	93.65
54185	93.45	-8.70	-14.33	440.20	132.50	-261.73	277.98	15.40	99.97
54186	92.34	-8.70	-14.33	461.21	131.67	-258.41	258.48	7.05	101.09
54187	91.23	-8.70	-14.33	480.05	109.82	-257.79	239.29	0.66	94.12
54188	90.12	-8.70	-14.33	494.73	78.79	-258.47	225.48	-2.78	84.71
54189	89.01	-8.70	-14.33	505.38	48.54	-259.03	215.29	-3.69	75.78
54190	87.90	-8.70	-14.33	512.88	22.98	-259.03	206.06	-3.25	68.88
54191	86.79	-8.70	-14.33	518.80	2.03	-258.50	195.91	-2.65	63.86
54192	85.67	-8.70	-14.33	524.19	-15.71	-257.69	184.66	-1.99	59.86
54193	84.56	-8.70	-14.33	529.47	-30.90	-256.74	172.50	-1.26	56.65
54194	83.45	-8.70	-14.33	534.84	-43.89	-255.68	159.64	-0.54	54.10
54195	82.34	-8.70	-14.33	540.34	-54.91	-254.55	146.25	0.14	52.15
54196	81.23	-8.70	-14.33	545.92	-64.16	-253.36	132.54	0.72	50.78
54197	80.12	-8.70	-14.33	551.49	-71.82	-252.11	118.72	1.16	49.96
54198	79.01	-8.70	-14.33	556.96	-77.98	-250.81	105.11	1.43	49.62
54199	77.89	-8.10	-11.67	443.93	67.64	-253.61	71.77	-4.93	-147.66
54200	76.76	-8.10	-11.67	446.60	64.55	-253.05	64.39	-7.67	-144.79
54201	75.63	-8.10	-11.67	447.80	61.60	-252.37	57.50	-11.14	-140.37
54202	74.50	-8.10	-11.67	447.51	58.76	-251.59	51.24	-15.37	-134.45
54203	73.37	-8.10	-11.67	445.69	55.94	-250.79	45.76	-20.45	-127.06
54204	72.24	-8.10	-11.67	442.30	53.07	-250.02	41.22	-26.51	-118.28
54205	71.11	-8.10	-11.67	437.25	50.04	-249.32	37.75	-33.73	-108.16
54206	69.98	-8.10	-11.67	430.43	46.77	-248.69	35.42	-42.40	-96.79
54207	68.85	-8.10	-11.67	421.65	43.07	-248.07	34.16	-52.93	-84.25
54208	67.72	-8.10	-11.67	410.81	38.64	-247.45	33.79	-65.97	-70.75
54209	66.60	-8.10	-11.67	397.99	33.03	-246.95	34.09	-82.28	-56.91
54210	65.47	-8.10	-11.67	383.54	25.54	-246.96	34.87	-102.12	-43.60
54211	64.34	-8.10	-11.67	368.05	15.51	-247.75	36.61	-125.09	-31.68
54212	63.21	-8.10	-11.67	351.53	3.25	-248.82	40.25	-149.71	-21.54
54213	62.08	-8.10	-11.67	333.57	-10.93	-248.74	46.18	-173.97	-12.28
54214	60.95	-8.10	-11.67	314.01	-26.88	-245.79	54.52	-196.93	-2.82
54215	77.89	-8.70	-11.67	427.19	40.78	-226.21	68.72	-4.53	-138.67
54216	76.78	-8.70	-11.67	429.92	37.83	-225.72	61.38	-6.49	-135.82
54217	75.67	-8.70	-11.67	431.37	35.13	-225.13	54.45	-9.17	-131.48
54218	74.56	-8.70	-11.67	431.49	32.62	-224.47	48.06	-12.63	-125.68
54219	73.45	-8.70	-11.67	430.24	30.20	-223.82	42.36	-16.94	-118.46
54220	72.34	-8.70	-11.67	427.57	27.79	-223.22	37.50	-22.24	-109.88
54221	71.23	-8.70	-11.67	423.40	25.30	-222.72	33.59	-28.69	-100.00
54222	70.11	-8.70	-11.67	417.61	22.60	-222.31	30.70	-36.57	-88.90
54223	69.00	-8.70	-11.67	410.00	19.60	-221.88	28.83	-46.23	-76.66
54224	67.89	-8.70	-11.67	400.33	15.91	-221.38	27.67	-58.18	-63.33
54225	66.78	-8.70	-11.67	388.75	11.11	-220.88	27.08	-73.47	-49.44
54226	65.67	-8.70	-11.67	375.50	4.85	-220.78	26.93	-92.38	-36.05
54227	64.56	-8.70	-11.67	360.86	-3.91	-221.68	27.26	-114.28	-23.35
54228	63.45	-8.70	-11.67	345.35	-14.46	-223.10	29.33	-138.78	-12.55
54229	62.34	-8.70	-11.67	328.36	-26.68	-223.61	33.34	-162.42	-2.54
54230	61.22	-8.70	-11.67	309.16	-40.57	-221.49	39.43	-184.98	8.26
54231	77.89	-8.10	-13.00	516.99	40.44	-265.24	84.44	-1.81	-70.87
54232	76.76	-8.10	-13.00	520.17	36.93	-264.03	74.78	-2.90	-68.78
54233	75.63	-8.10	-13.00	522.14	33.88	-262.65	65.82	-4.50	-65.53
54234	74.50	-8.10	-13.00	522.83	31.23	-261.14	57.72	-6.65	-61.16
54235	73.37	-8.10	-13.00	522.14	28.84	-259.51	50.71	-9.38	-55.69
54236	72.24	-8.10	-13.00	519.91	26.62	-257.78	44.96	-12.79	-49.15
54237	71.11	-8.10	-13.00	515.96	24.45	-255.93	40.67	-16.98	-41.52
54238	69.98	-8.10	-13.00	509.98	22.27	-253.87	37.97	-22.14	-32.76
54239	68.85	-8.10	-13.00	501.47	20.02	-251.45	36.81	-28.52	-22.72
54240	67.72	-8.10	-13.00	489.85	17.51	-248.51	36.78	-36.78	-11.28
54241	66.60	-8.10	-13.00	474.68	13.97	-245.24	36.99	-47.96	1.01
54242	65.47	-8.10	-13.00	456.27	7.22	-242.46	36.45	-62.80	12.61
54243	64.34	-8.10	-13.00	435.89	-5.47	-241.42	35.82	-81.02	21.30
54244	63.21	-8.10	-13.00	413.91	-24.53	-242.71	37.62	-100.54	25.77
54245	62.08	-8.10	-13.00	389.32	-48.30	-245.24	43.52	-118.54	27.35
54246	60.95	-8.10	-13.00	360.68	-72.95	-246.87	54.59	-134.79	29.07
54247	77.89	-8.70	-13.00	497.49	11.74	-244.11	81.09	-1.53	-64.67
54248	76.78	-8.70	-13.00	500.80	8.29	-242.99	71.60	-2.08	-62.63
54249	75.67	-8.70	-13.00	503.10	5.39	-241.71	62.70	-3.16	-59.48
54250	74.56	-8.70	-13.00	504.31	2.96	-240.31	54.56	-4.78	-55.24
54251	73.45	-8.70	-13.00	504.31	0.84	-238.82	47.37	-7.00	-49.95
54252	72.34	-8.70	-13.00	502.96	-1.07	-237.22	41.31	-9.89	-43.62

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]
54253	71.23	-8.70	-13.00	500.07	-2.91	-235.50	36.56	-13.56	-36.25
54254	70.11	-8.70	-13.00	495.38	-4.77	-233.55	33.25	-18.14	-27.79
54255	69.00	-8.70	-13.00	488.43	-6.63	-231.14	31.42	-23.81	-18.08
54256	67.89	-8.70	-13.00	478.43	-8.71	-227.94	30.64	-31.01	-6.71
54257	66.78	-8.70	-13.00	464.96	-11.43	-223.91	30.09	-41.16	6.04
54258	65.67	-8.70	-13.00	448.03	-16.43	-220.01	28.51	-55.25	18.45
54259	64.56	-8.70	-13.00	428.70	-27.38	-218.28	25.68	-73.07	28.34
54260	63.45	-8.70	-13.00	408.51	-43.83	-219.92	24.98	-93.34	33.21
54261	62.34	-8.70	-13.00	386.11	-64.30	-223.53	28.23	-110.87	34.91
54262	61.22	-8.70	-13.00	358.82	-85.94	-225.87	36.82	-126.20	37.33
54263	77.89	-8.10	-14.33	593.76	9.81	-268.27	96.45	1.76	52.53
54264	76.76	-8.10	-14.33	598.09	6.24	-266.77	83.47	1.65	53.52
54265	75.63	-8.10	-14.33	601.58	3.75	-265.18	71.39	1.32	55.09
54266	74.50	-8.10	-14.33	604.11	2.18	-263.52	60.45	0.79	57.19
54267	73.37	-8.10	-14.33	605.50	1.38	-261.79	50.94	0.04	59.81
54268	72.24	-8.10	-14.33	605.55	1.24	-259.99	43.12	-0.94	62.96
54269	71.11	-8.10	-14.33	604.00	1.70	-258.08	37.23	-2.19	66.70
54270	69.98	-8.10	-14.33	600.47	2.80	-256.03	33.49	-3.76	71.10
54271	68.85	-8.10	-14.33	594.33	4.79	-253.73	31.96	-5.67	76.38
54272	67.72	-8.10	-14.33	584.60	7.89	-251.07	32.13	-8.24	82.87
54273	66.60	-8.10	-14.33	570.14	10.98	-248.13	32.43	-12.23	90.31
54274	65.47	-8.10	-14.33	550.36	9.68	-245.41	30.68	-18.35	97.49
54275	64.34	-8.10	-14.33	526.32	-4.05	-243.74	26.59	-26.90	101.94
54276	63.21	-8.10	-14.33	498.77	-34.67	-243.59	24.98	-36.28	101.51
54277	62.08	-8.10	-14.33	465.31	-76.23	-244.38	29.78	-44.24	98.07
54278	60.95	-8.10	-14.33	426.08	-126.41	-245.66	36.72	-50.20	88.95
54279	77.89	-8.70	-14.33	562.17	-82.63	-249.42	91.95	1.75	49.92
54280	76.78	-8.70	-14.33	566.78	-85.79	-247.96	79.41	1.87	51.03
54281	75.67	-8.70	-14.33	570.81	-87.58	-246.41	67.61	1.75	52.77
54282	74.56	-8.70	-14.33	574.10	-88.22	-244.78	56.80	1.43	55.08
54283	73.45	-8.70	-14.33	576.51	-87.85	-243.08	47.28	0.91	57.98
54284	72.34	-8.70	-14.33	577.82	-86.57	-241.29	39.29	0.15	61.50
54285	71.23	-8.70	-14.33	577.79	-84.40	-239.38	33.08	-0.86	65.68
54286	70.11	-8.70	-14.33	576.10	-81.27	-237.29	28.87	-2.14	70.65
54287	69.00	-8.70	-14.33	572.26	-76.77	-234.87	26.89	-3.65	76.64
54288	67.89	-8.70	-14.33	565.20	-69.77	-231.87	26.87	-5.41	84.50
54289	66.78	-8.70	-14.33	553.62	-60.53	-228.21	26.91	-8.60	94.32
54290	65.67	-8.70	-14.33	536.38	-52.92	-224.43	24.13	-14.30	104.54
54291	64.56	-8.70	-14.33	513.83	-57.79	-221.98	15.73	-23.16	112.12
54292	63.45	-8.70	-14.33	489.11	-87.53	-222.29	6.97	-34.28	110.97
54293	62.34	-8.70	-14.33	458.81	-132.03	-224.24	8.22	-41.98	104.29
54294	61.22	-8.70	-14.33	422.06	-180.64	-226.07	12.72	-46.67	93.00
54295	56.31	-8.10	-11.67	573.01	-126.48	609.24	223.84	-575.91	-208.71
54296	56.54	-8.70	-11.67	383.51	-11.67	459.11	33.70	-452.92	26.69
54297	57.22	-8.10	-11.67	350.29	-180.00	-109.77	127.12	-319.75	45.55
54298	57.46	-8.70	-11.67	286.34	-163.08	-90.13	82.42	-294.85	98.20
54299	58.12	-8.10	-11.67	273.28	-109.89	-172.22	105.26	-263.85	41.31
54300	58.38	-8.70	-11.67	247.84	-115.80	-151.63	73.48	-254.93	70.42
54301	59.03	-8.10	-11.67	268.82	-77.14	-215.82	85.28	-246.47	26.97
54302	59.29	-8.70	-11.67	256.88	-85.06	-192.84	62.12	-235.91	45.86
54303	59.93	-8.10	-11.67	289.83	-48.19	-235.85	67.05	-221.50	9.96
54304	60.21	-8.70	-11.67	283.53	-59.27	-212.22	48.91	-209.98	23.46
54305	56.31	-8.10	-13.00	13.96	-190.23	-32.80	73.12	-111.07	-13.25
54306	56.54	-8.70	-13.00	28.83	-183.58	-38.89	74.25	-124.12	47.09
54307	57.22	-8.10	-13.00	218.20	-194.74	-85.99	138.04	-259.28	33.89
54308	57.46	-8.70	-13.00	192.39	-202.69	-95.56	96.12	-231.77	88.32
54309	58.12	-8.10	-13.00	244.46	-179.55	-224.12	118.95	-203.31	53.94
54310	58.38	-8.70	-13.00	229.83	-180.00	-201.96	89.04	-189.54	76.85
54311	59.03	-8.10	-13.00	275.19	-140.72	-238.12	95.82	-176.59	42.90
54312	59.29	-8.70	-13.00	269.48	-146.75	-215.97	70.72	-166.28	57.30
54313	59.93	-8.10	-13.00	321.38	-103.60	-245.17	71.69	-152.95	33.84
54314	60.21	-8.70	-13.00	319.21	-113.59	-223.87	50.72	-143.59	43.83
54315	56.31	-8.10	-14.33	-14.15	-239.08	-210.88	142.78	-14.27	85.63
54316	56.54	-8.70	-14.33	-18.77	-300.97	-196.85	132.19	-25.93	100.13
54317	57.22	-8.10	-14.33	58.90	-321.46	-200.24	142.87	-75.35	75.47
54318	57.46	-8.70	-14.33	64.45	-353.39	-186.63	112.95	-72.55	88.25
54319	58.12	-8.10	-14.33	183.56	-288.55	-232.42	125.61	-91.86	75.70
54320	58.38	-8.70	-14.33	183.66	-321.36	-214.26	92.20	-83.26	82.56
54321	59.03	-8.10	-14.33	281.99	-233.05	-244.48	96.38	-70.49	72.90
54322	59.29	-8.70	-14.33	280.14	-269.91	-223.32	65.41	-65.01	75.71
54323	59.93	-8.10	-14.33	364.10	-178.08	-245.24	60.02	-56.79	76.02
54324	60.21	-8.70	-14.33	361.33	-223.16	-225.07	32.83	-52.46	78.63
54325	96.21	-9.62	-11.67	211.55	99.65	-232.01	150.20	69.58	-4.47
54326	95.51	-10.82	-11.67	212.02	65.13	-176.33	141.99	45.75	5.76
54327	94.72	-11.98	-11.67	211.98	33.14	-122.15	132.05	23.74	17.80
54328	93.85	-13.08	-11.67	211.13	4.56	-70.53	120.35	4.94	31.69
54329	92.91	-14.11	-11.67	209.20	-20.29	-20.53	107.22	-9.30	46.99
54330	91.89	-15.08	-11.67	205.48	-40.62	28.25	92.98	-19.66	61.48
54331	90.82	-15.98	-11.67	199.78	-56.12	74.76	78.84	-27.10	75.11
54332	89.68	-16.80	-11.67	192.60	-67.05	117.84	65.93	-32.20	87.93
54333	88.49	-17.54	-11.67	184.72	-74.79	156.73	54.81	-35.18	100.26
54334	87.25	-18.19	-11.67	176.79	-80.22	191.18	45.47	-36.00	112.07
54335	85.97	-18.76	-11.67	169.29	-83.98	221.07	37.84	-34.72	123.03
54336	84.65	-19.23	-11.67	162.64	-86.53	246.33	31.82	-31.59	132.76
54337	83.31	-19.62	-11.67	157.22	-88.25	266.86	27.26	-26.92	140.92
54338	81.94	-19.90	-11.67	153.32	-89.46	282.56	23.95	-21.12	147.24
54339	80.55	-20.10	-11.67	151.16	-90.45	293.38	21.63	-14.63	151.52
54340	79.15	-20.20	-11.67	150.91	-91.44	299.32	20.03	-7.91	153.72
54341	97.13	-9.66	-11.67	168.44	110.44	-225.83	140.89	81.86	20.63
54342	96.40	-10.95	-11.67	172.39	76.35	-166.03	134.05	58.72	28.42
54343	95.59	-12.19	-11.67	175.32	45.28	-107.22	125.18	37.33	37.59
54344	94.69	-13.37	-11.67	177.33	18.03	-51.44	114.57	18.74	48.58
54345	93.71	-14.48	-11.67	178.16	-5.80	1.41	102.07	3.94	61.18
54346	92.65	-15.53	-11.67	177.13	-25.41	51.84	87.96	-7.05	74.06
54347	91.52	-16.49	-11.67	173.71	-40.16	99.52	73.36	-15.01	86.34
54348	90.33	-17.37	-11.67	168.06	-50.35	143.72	59.58	-20.64	97.99
54349	89.07	-18.17	-11.67	160.90	-56.87	183.87	47.50	-24.23	109.11
54350	87.77	-18.87	-11.67	153.04	-60.78	219.62	37.46	-25.93	119.64
54351	86.41	-19.48	-11.67	145.17	-62.85	250.75	29.49	-25.82	129.36

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]
54352	85.02	-19.99	-11.67	137.89	-63.72	277.15	23.53	-24.10	137.98
54353	83.59	-20.41	-11.67	131.72	-63.87	298.72	19.41	-21.06	145.24
54354	82.14	-20.72	-11.67	127.03	-63.66	315.33	16.88	-17.07	150.92
54355	80.67	-20.93	-11.67	124.11	-63.38	326.83	15.56	-12.61	154.83
54356	79.19	-21.03	-11.67	123.14	-63.61	333.08	14.93	-8.09	156.74
54357	98.05	-9.70	-11.67	121.19	-123.45	-216.05	125.41	87.43	52.11
54358	97.30	-11.08	-11.67	128.28	90.45	-153.25	120.67	68.94	55.74
54359	96.46	-12.41	-11.67	134.26	61.04	-91.07	113.58	51.65	59.90
54360	95.53	-13.67	-11.67	138.95	35.63	-32.46	104.52	36.31	65.55
54361	94.51	-14.85	-11.67	142.15	13.45	22.42	93.49	23.63	72.99
54362	93.40	-15.97	-11.67	143.42	-5.17	74.09	80.72	13.72	81.22
54363	92.22	-17.00	-11.67	142.21	-19.55	122.51	67.05	6.20	89.41
54364	90.97	-17.94	-11.67	138.45	-29.64	167.33	53.69	0.52	97.20
54365	89.65	-18.79	-11.67	132.65	-36.02	208.14	41.65	-3.69	104.57
54366	88.28	-19.55	-11.67	125.60	-39.54	244.61	31.51	-6.62	111.48
54367	86.86	-20.20	-11.67	118.12	-41.04	276.49	23.48	-8.41	117.81
54368	85.39	-20.76	-11.67	110.92	-41.21	303.61	17.59	-9.20	123.41
54369	83.88	-21.20	-11.67	104.66	-40.63	325.88	13.74	-9.12	128.16
54370	82.35	-21.54	-11.67	99.74	-39.63	343.37	11.78	-8.39	132.11
54371	80.80	-21.76	-11.67	96.20	-38.26	355.96	11.20	-7.58	135.39
54372	79.23	-21.87	-11.67	94.39	-36.72	363.16	10.95	-7.47	137.79
54373	98.96	-9.75	-11.67	74.46	137.38	-212.11	103.68	85.70	89.64
54374	98.20	-11.21	-11.67	83.36	106.12	-145.99	101.49	75.47	88.28
54375	97.34	-12.62	-11.67	91.32	78.77	-80.58	96.90	65.57	85.83
54376	96.37	-13.96	-11.67	97.87	55.53	-19.49	90.23	56.52	84.29
54377	95.31	-15.22	-11.67	102.70	35.10	37.32	81.52	48.70	84.32
54378	94.16	-16.41	-11.67	105.50	17.53	90.45	71.04	42.14	85.21
54379	92.93	-17.51	-11.67	105.88	3.36	139.95	59.44	36.60	86.29
54380	91.62	-18.52	-11.67	103.70	-7.17	185.67	47.68	31.71	87.23
54381	90.24	-19.42	-11.67	99.34	-14.26	227.30	36.72	27.14	87.96
54382	88.80	-20.23	-11.67	93.46	-18.52	264.57	27.24	22.68	88.56
54383	87.30	-20.93	-11.67	86.86	-20.63	297.23	19.59	18.26	89.06
54384	85.75	-21.52	-11.67	80.32	-21.27	325.11	13.87	13.81	89.50
54385	84.17	-21.99	-11.67	74.57	-21.00	348.12	10.11	9.41	89.93
54386	82.56	-22.35	-11.67	70.18	-20.21	366.67	8.36	5.37	90.66
54387	80.92	-22.59	-11.67	66.53	-18.31	382.16	8.51	1.64	92.95
54388	79.28	-22.71	-11.67	62.67	-15.97	394.58	8.05	-4.83	97.27
54389	99.88	-9.79	-11.67	38.13	151.06	-231.20	76.13	73.98	133.43
54390	99.10	-11.34	-11.67	45.28	121.99	-158.54	76.07	75.99	127.39
54391	98.21	-12.83	-11.67	52.67	97.28	-86.37	74.23	76.59	117.62
54392	97.21	-14.25	-11.67	59.04	76.64	-20.15	70.69	76.34	107.64
54393	96.11	-15.59	-11.67	63.93	58.23	40.79	65.24	75.73	98.79
54394	94.92	-16.85	-11.67	66.97	41.87	97.45	58.02	74.63	90.50
54395	93.63	-18.02	-11.67	67.79	27.91	150.02	49.47	72.74	82.35
54396	92.26	-19.09	-11.67	66.32	16.69	198.40	40.33	69.72	74.16
54397	90.82	-20.05	-11.67	62.85	8.28	242.41	31.41	65.29	66.01
54398	89.31	-20.91	-11.67	57.98	2.43	281.80	23.37	59.31	58.13
54399	87.74	-21.65	-11.67	52.39	-1.30	316.36	16.63	51.79	50.80
54400	86.12	-22.28	-11.67	46.76	-3.41	345.96	11.37	42.89	44.32
54401	84.46	-22.78	-11.67	41.73	-4.44	370.45	7.60	32.79	38.95
54402	82.77	-23.17	-11.67	38.42	-4.66	390.79	5.48	22.81	35.13
54403	81.05	-23.42	-11.67	34.88	-3.85	411.84	4.91	13.55	34.41
54404	79.32	-23.55	-11.67	29.17	-3.39	433.02	3.89	-1.98	36.53
54405	96.21	-9.62	-13.00	268.27	105.49	-237.30	201.65	46.14	27.07
54406	95.51	-10.82	-13.00	269.74	58.73	-181.27	191.12	28.77	34.95
54407	94.72	-11.98	-13.00	270.40	18.63	-127.68	178.10	11.77	42.71
54408	93.85	-13.08	-13.00	270.20	-18.24	-78.19	162.32	-2.25	53.59
54409	92.91	-14.11	-13.00	269.04	-49.69	-29.35	143.26	-11.13	64.65
54410	91.89	-15.08	-13.00	265.26	-72.47	18.90	122.36	-16.68	72.91
54411	90.82	-15.98	-13.00	258.59	-87.41	64.71	102.54	-20.69	79.82
54412	89.68	-16.80	-13.00	250.04	-96.87	106.72	85.34	-23.66	86.54
54413	88.49	-17.54	-13.00	240.78	-103.27	144.42	70.90	-25.42	93.59
54414	87.25	-18.19	-13.00	231.54	-107.63	177.77	58.87	-25.74	100.79
54415	85.97	-18.76	-13.00	222.84	-110.52	206.75	49.05	-24.60	107.69
54416	84.65	-19.23	-13.00	215.19	-112.39	231.30	41.29	-22.16	113.91
54417	83.31	-19.62	-13.00	209.10	-113.70	251.36	35.40	-18.65	119.16
54418	81.94	-19.90	-13.00	204.95	-114.82	266.83	31.17	-14.34	123.17
54419	80.55	-20.10	-13.00	203.01	-116.00	277.69	28.30	-9.50	125.82
54420	79.15	-20.20	-13.00	203.36	-117.35	283.87	26.45	-4.47	127.10
54421	97.13	-9.66	-13.00	213.92	120.81	-233.16	186.44	53.02	40.09
54422	96.40	-10.95	-13.00	220.49	77.54	-170.22	177.92	36.36	44.92
54423	95.59	-12.19	-13.00	225.79	41.62	-109.03	166.86	20.63	49.58
54424	94.69	-13.37	-13.00	229.74	9.09	-52.52	153.35	7.23	57.39
54425	93.71	-14.48	-13.00	232.63	-19.73	0.99	136.66	-2.65	66.74
54426	92.65	-15.53	-13.00	233.24	-42.40	52.04	117.31	-9.25	75.66
54427	91.52	-16.49	-13.00	230.58	-57.97	100.18	97.49	-13.74	83.51
54428	90.33	-17.37	-13.00	224.97	-67.62	144.67	79.23	-16.87	90.79
54429	89.07	-18.17	-13.00	217.47	-73.14	185.01	63.53	-18.81	97.85
54430	87.77	-18.87	-13.00	209.08	-75.97	220.93	50.55	-19.54	104.70
54431	86.41	-19.48	-13.00	200.63	-77.03	252.27	40.19	-19.06	111.11
54432	85.02	-19.99	-13.00	192.85	-77.03	278.91	32.29	-17.50	116.82
54433	83.59	-20.41	-13.00	186.37	-76.64	300.73	26.62	-15.03	121.59
54434	82.14	-20.72	-13.00	181.76	-76.34	317.60	22.94	-11.93	125.23
54435	80.67	-20.93	-13.00	179.36	-76.57	329.30	20.90	-8.50	127.43
54436	79.19	-21.03	-13.00	179.32	-77.45	336.20	20.17	-4.74	128.46
54437	98.05	-9.70	-13.00	156.46	139.08	-226.91	163.32	55.68	60.25
54438	97.30	-11.08	-13.00	167.43	99.67	-157.92	157.70	42.93	61.19
54439	96.46	-12.41	-13.00	177.27	68.27	-90.87	149.10	30.78	61.52
54440	95.53	-13.67	-13.00	185.06	40.03	-29.15	137.83	20.16	64.92
54441	94.51	-14.85	-13.00	191.11	14.58	28.79	123.83	11.66	70.33
54442	93.40	-15.97	-13.00	194.91	-6.66	83.33	107.42	5.35	76.32
54443	92.22	-17.00	-13.00	195.64	-22.48	134.35	89.83	0.80	82.05
54444	90.97	-17.94	-13.00	193.18	-32.93	181.52	72.79	-2.53	87.37
54445	89.65	-18.79	-13.00	188.20	-39.03	224.43	57.52	-4.92	92.35
54446	88.28	-19.55	-13.00	181.64	-41.98	262.77	44.64	-6.50	97.05
54447	86.86	-20.20	-13.00	174.45	-42.81	296.33	34.28	-7.32	101.37
54448	85.39	-20.76	-13.00	167.45	-42.39	324.90	26.37	-7.47	105.17
54449	83.88	-21.20	-13.00	161.41	-41.45	348.35	20.73	-7.08	108.30
54450	82.35	-21.54	-13.00	156.96	-40.69	366.68	17.12	-6.24	110.78

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]
54451	80.80	-21.76	-13.00	154.48	-39.98	379.62	15.34	-5.45	112.60
54452	79.23	-21.87	-13.00	153.90	-40.37	385.53	14.55	-5.08	112.38
54453	98.96	-9.75	-13.00	97.48	159.02	-224.49	131.16	54.47	88.05
54454	98.20	-11.21	-13.00	110.84	123.91	-149.87	130.17	48.21	83.93
54455	97.34	-12.62	-13.00	123.22	96.67	-77.45	125.81	41.84	78.80
54456	96.37	-13.96	-13.00	133.48	71.89	-11.07	118.44	36.24	76.62
54457	95.31	-15.22	-13.00	141.77	49.04	51.16	108.32	31.55	76.20
54458	94.16	-16.41	-13.00	147.83	29.07	109.54	95.90	27.70	76.49
54459	92.93	-17.51	-13.00	151.15	12.94	163.97	82.02	24.52	76.88
54460	91.62	-18.52	-13.00	151.53	1.03	214.21	67.87	21.68	77.10
54461	90.24	-19.42	-13.00	149.36	-6.99	259.94	54.55	18.93	77.15
54462	88.80	-20.23	-13.00	145.37	-11.88	300.88	42.79	16.14	77.11
54463	87.30	-20.93	-13.00	140.41	-14.46	336.75	32.93	13.26	77.04
54464	85.75	-21.52	-13.00	135.25	-15.48	367.37	25.04	10.28	76.95
54465	84.17	-21.99	-13.00	130.60	-15.66	392.50	18.97	7.13	76.80
54466	82.56	-22.35	-13.00	127.46	-15.50	412.26	14.79	4.19	76.72
54467	80.92	-22.59	-13.00	125.64	-15.38	428.07	12.78	2.00	77.84
54468	79.28	-22.71	-13.00	124.15	-9.23	439.51	12.41	-1.87	83.17
54469	99.88	-9.79	-13.00	47.08	177.80	-249.94	93.16	56.80	124.53
54470	99.10	-11.34	-13.00	58.01	146.03	-164.30	95.37	58.35	114.39
54471	98.21	-12.83	-13.00	69.58	122.97	-83.85	96.37	59.06	101.25
54472	97.21	-14.25	-13.00	79.64	101.18	-11.91	94.42	59.89	91.59
54473	96.11	-15.59	-13.00	88.24	80.25	55.34	89.61	60.49	83.46
54474	94.92	-16.85	-13.00	94.98	60.94	118.26	82.35	60.54	75.85
54475	93.63	-18.02	-13.00	99.46	43.98	176.79	73.22	59.76	68.35
54476	92.26	-19.09	-13.00	101.55	29.90	230.69	63.05	57.87	60.81
54477	90.82	-20.05	-13.00	101.51	18.84	279.72	52.72	54.65	53.33
54478	89.31	-20.91	-13.00	99.88	10.55	323.60	42.91	50.04	46.12
54479	87.74	-21.65	-13.00	97.30	4.61	362.09	34.05	44.06	39.43
54480	86.12	-22.28	-13.00	94.34	0.53	394.91	26.30	36.81	33.50
54481	84.46	-22.78	-13.00	91.58	-2.13	422.29	19.72	28.62	28.63
54482	82.77	-23.17	-13.00	89.68	-4.06	442.64	14.04	19.34	24.61
54483	81.05	-23.42	-13.00	92.71	-4.42	464.51	11.50	16.52	23.28
54484	79.32	-23.55	-13.00	84.68	-0.17	505.32	11.48	10.50	34.78
54485	96.21	-9.62	-14.33	328.12	69.63	-234.13	272.65	17.36	64.42
54486	95.51	-10.82	-14.33	333.98	25.10	-177.06	259.76	9.90	61.03
54487	94.72	-11.98	-14.33	335.12	-24.99	-123.90	243.16	1.53	64.33
54488	93.85	-13.08	-14.33	334.75	-77.20	-74.70	220.11	-4.83	70.37
54489	92.91	-14.11	-14.33	334.00	-114.41	-26.54	189.51	-7.27	74.00
54490	91.89	-15.08	-14.33	329.74	-134.38	20.03	157.49	-8.15	74.44
54491	90.82	-15.98	-14.33	321.53	-143.71	63.64	128.98	-8.94	74.35
54492	89.68	-16.80	-14.33	310.86	-147.74	103.62	105.44	-9.76	74.87
54493	88.49	-17.54	-14.33	299.25	-149.99	139.63	86.15	-10.26	76.23
54494	87.25	-18.19	-14.33	287.52	-150.81	171.66	70.28	-10.21	78.07
54495	85.97	-18.76	-14.33	276.36	-150.56	199.63	57.61	-9.58	80.03
54496	84.65	-19.23	-14.33	266.53	-149.75	223.44	47.91	-8.45	81.91
54497	83.31	-19.62	-14.33	258.77	-148.96	242.98	40.92	-6.89	83.53
54498	81.94	-19.90	-14.33	253.65	-148.67	258.18	36.32	-5.02	84.75
54499	80.55	-20.10	-14.33	251.53	-149.13	268.95	33.71	-2.91	85.53
54500	79.15	-20.20	-14.33	252.48	-150.33	275.33	32.49	-0.73	85.87
54501	97.13	-9.66	-14.33	260.88	97.85	-231.43	245.53	20.03	59.16
54502	96.40	-10.95	-14.33	275.18	62.40	-166.92	233.70	12.86	52.64
54503	95.59	-12.19	-14.33	284.83	24.43	-105.98	217.67	5.98	52.76
54504	94.69	-13.37	-14.33	291.63	-13.31	-49.02	198.16	0.36	56.22
54505	93.71	-14.48	-14.33	296.64	-46.95	4.85	174.20	-3.42	60.66
54506	92.65	-15.53	-14.33	298.43	-71.23	55.84	146.96	-5.58	64.51
54507	91.52	-16.49	-14.33	295.87	-85.69	103.60	119.92	-6.90	67.56
54508	90.33	-17.37	-14.33	289.43	-92.91	147.62	95.66	-7.80	70.32
54509	89.07	-18.17	-14.33	280.45	-95.52	187.57	75.16	-8.29	73.04
54510	87.77	-18.87	-14.33	270.18	-95.30	223.22	58.46	-8.34	75.74
54511	86.41	-19.48	-14.33	259.65	-93.32	254.40	45.39	-7.91	78.30
54512	85.02	-19.99	-14.33	249.86	-90.54	280.96	35.74	-7.05	80.56
54513	83.59	-20.41	-14.33	241.78	-87.93	302.79	29.14	-5.83	82.45
54514	82.14	-20.72	-14.33	236.31	-86.43	319.72	25.30	-4.38	83.79
54515	80.67	-20.93	-14.33	233.92	-86.51	331.78	24.01	-2.76	84.49
54516	79.19	-21.03	-14.33	234.57	-87.77	338.61	24.87	-0.93	84.73
54517	98.05	-9.70	-14.33	192.82	123.19	-228.79	213.79	20.83	64.93
54518	97.30	-11.08	-14.33	214.33	96.75	-157.16	205.44	15.51	55.78
54519	96.46	-12.41	-14.33	231.19	66.09	-89.66	192.04	10.49	54.38
54520	95.53	-13.67	-14.33	244.17	35.70	-26.36	174.65	6.28	55.74
54521	94.51	-14.85	-14.33	253.98	8.54	33.49	154.04	2.91	58.15
54522	93.40	-15.97	-14.33	260.28	-12.99	89.80	130.95	0.48	60.85
54523	92.22	-17.00	-14.33	262.34	-27.45	142.35	107.16	-1.20	63.39
54524	90.97	-17.94	-14.33	260.23	-35.29	190.82	84.75	-2.36	65.71
54525	89.65	-18.79	-14.33	254.78	-38.04	234.90	65.12	-3.14	67.89
54526	88.28	-19.55	-14.33	247.19	-37.29	274.31	48.91	-3.57	69.95
54527	86.86	-20.20	-14.33	238.61	-34.39	308.83	36.23	-3.67	71.85
54528	85.39	-20.76	-14.33	230.12	-30.49	338.28	26.94	-3.48	73.51
54529	83.88	-21.20	-14.33	222.69	-26.74	362.44	20.58	-3.09	74.79
54530	82.35	-21.54	-14.33	217.50	-24.62	381.38	16.54	-2.43	75.90
54531	80.80	-21.76	-14.33	215.77	-25.60	394.18	15.12	-2.05	75.84
54532	79.23	-21.87	-14.33	216.99	-28.49	402.97	17.22	-1.28	75.37
54533	98.96	-9.75	-14.33	127.31	152.55	-226.62	170.06	16.89	72.10
54534	98.20	-11.21	-14.33	151.37	134.38	-148.22	167.55	14.88	61.21
54535	97.34	-12.62	-14.33	171.42	110.28	-74.21	159.76	12.30	58.05
54536	96.37	-13.96	-14.33	187.79	85.11	-4.76	147.48	10.31	57.49
54537	95.31	-15.22	-14.33	201.01	62.03	61.01	131.95	8.65	57.76
54538	94.16	-16.41	-14.33	210.76	42.83	122.89	114.15	7.35	58.33
54539	92.93	-17.51	-14.33	216.62	28.60	180.59	95.25	6.34	58.93
54540	91.62	-18.52	-14.33	218.56	19.55	233.81	76.72	5.51	59.44
54541	90.24	-19.42	-14.33	217.12	15.02	282.23	59.83	4.74	59.85
54542	88.80	-20.23	-14.33	213.23	13.95	325.55	45.35	4.00	60.19
54543	87.30	-20.93	-14.33	207.92	15.22	363.54	33.62	3.27	60.48
54544	85.75	-21.52	-14.33	202.13	17.75	395.92	24.63	2.52	60.70
54545	84.17	-21.99	-14.33	196.68	20.56	422.69	18.05	1.73	60.91
54546	82.56	-22.35	-14.33	192.08	22.42	442.84	12.90	0.56	60.38
54547	80.92	-22.59	-14.33	191.11	20.19	460.25	7.81	0.82	62.15
54548	79.28	-22.71	-14.33	194.22	11.11	459.63	8.18	-3.93	55.48
54549	99.88	-9.79	-14.33	58.63	188.16	-239.22	99.90	28.21	105.54



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]
54550	99.10	-11.34	-14.33	79.29	181.79	-150.58	111.61	27.74	83.47
54551	98.21	-12.83	-14.33	96.12	163.61	-69.95	114.47	28.35	75.63
54552	97.21	-14.25	-14.33	111.30	141.83	5.17	112.46	29.75	70.60
54553	96.11	-15.59	-14.33	124.70	120.16	76.37	106.90	30.79	66.13
54554	94.92	-16.85	-14.33	135.86	100.20	143.34	98.53	31.42	61.82
54555	93.63	-18.02	-14.33	144.40	82.90	205.78	88.13	31.46	57.52
54556	92.26	-19.09	-14.33	150.21	68.79	263.33	76.63	30.81	53.19
54557	90.82	-20.05	-14.33	153.57	57.93	315.69	64.95	29.38	48.92
54558	89.31	-20.91	-14.33	155.01	49.97	362.55	53.79	27.16	44.81
54559	87.74	-21.65	-14.33	155.13	44.38	403.63	43.53	24.18	41.02
54560	86.12	-22.28	-14.33	154.44	40.64	438.78	34.33	20.53	37.65
54561	84.46	-22.78	-14.33	153.33	38.06	467.35	26.13	16.23	34.79
54562	82.77	-23.17	-14.33	152.06	36.81	491.47	18.66	11.68	33.09
54563	81.05	-23.42	-14.33	150.28	32.58	498.72	9.91	4.36	27.00
54564	79.32	-23.55	-14.33	166.04	27.34	576.42	-0.98	31.48	52.01
54565	77.75	-20.20	-11.67	152.57	-92.62	300.34	18.86	-1.48	153.91
54566	76.35	-20.10	-11.67	156.18	-94.10	296.39	17.76	4.23	152.15
54567	74.96	-19.90	-11.67	161.60	-95.87	287.48	16.38	8.61	148.60
54568	73.59	-19.62	-11.67	168.59	-97.87	273.58	14.48	11.24	143.55
54569	72.25	-19.23	-11.67	176.84	-99.97	254.74	11.86	11.71	137.39
54570	70.93	-18.76	-11.67	185.98	-102.08	231.08	8.45	9.62	130.57
54571	69.65	-18.19	-11.67	195.64	-104.04	202.70	4.23	4.66	123.60
54572	68.41	-17.54	-11.67	205.44	-105.69	169.77	-0.71	-3.40	117.02
54573	67.22	-16.80	-11.67	215.00	-106.76	132.54	-6.22	-14.66	111.22
54574	66.08	-15.98	-11.67	223.86	-106.70	91.51	-12.00	-29.05	106.17
54575	65.01	-15.08	-11.67	231.57	-104.62	47.77	-17.11	-46.75	101.23
54576	63.99	-14.11	-11.67	238.09	-100.63	3.02	-19.99	-68.14	95.62
54577	63.05	-13.08	-11.67	244.07	-95.18	-41.15	-18.67	-93.70	87.84
54578	62.18	-11.98	-11.67	251.05	-89.26	-84.95	-11.64	-123.72	77.62
54579	61.39	-10.82	-11.67	260.45	-81.67	-129.97	2.54	-156.08	63.25
54580	60.69	-9.62	-11.67	272.74	-70.46	-176.92	25.62	-187.62	41.98
54581	77.71	-21.03	-11.67	124.34	-64.66	334.41	14.72	-3.80	156.88
54582	76.23	-20.93	-11.67	127.66	-66.66	330.77	14.53	-0.42	155.38
54583	74.76	-20.72	-11.67	132.80	-69.44	321.81	14.10	1.80	152.24
54584	73.31	-20.41	-11.67	139.47	-72.62	307.62	12.95	2.44	147.93
54585	71.88	-19.99	-11.67	147.29	-76.11	288.36	10.76	1.08	142.90
54586	70.49	-19.48	-11.67	155.79	-79.78	264.12	7.42	-2.65	137.60
54587	69.13	-18.87	-11.67	164.48	-83.43	235.02	2.94	-8.99	132.52
54588	67.83	-18.17	-11.67	172.79	-86.83	201.25	-2.57	-18.12	128.17
54589	66.57	-17.37	-11.67	180.17	-89.62	163.15	-8.83	-30.12	124.93
54590	65.38	-16.49	-11.67	186.05	-91.32	121.38	-15.22	-45.11	122.85
54591	64.25	-15.53	-11.67	190.12	-91.67	77.05	-20.52	-63.39	121.52
54592	63.19	-14.48	-11.67	192.84	-91.07	31.68	-22.94	-85.56	119.97
54593	62.21	-13.37	-11.67	195.84	-90.75	-13.57	-20.71	-112.38	117.10
54594	61.31	-12.19	-11.67	201.89	-91.59	-58.90	-12.52	-143.76	111.13
54595	60.50	-10.95	-11.67	214.43	-92.37	-105.80	3.58	-178.03	97.94
54596	59.77	-9.66	-11.67	236.23	-90.34	-155.73	31.81	-212.12	71.81
54597	77.67	-21.87	-11.67	94.97	-37.61	364.82	10.03	-8.28	138.05
54598	76.10	-21.76	-11.67	97.88	-41.02	360.91	10.21	-9.35	136.29
54599	74.55	-21.54	-11.67	102.34	-44.54	351.53	10.50	-10.88	134.06
54600	73.02	-21.20	-11.67	107.87	-48.15	337.15	9.91	-13.62	131.85
54601	71.51	-20.76	-11.67	114.32	-52.01	317.83	8.05	-18.08	129.79
54602	70.04	-20.20	-11.67	121.22	-56.07	293.48	4.91	-24.39	128.12
54603	68.62	-19.55	-11.67	127.91	-60.11	264.18	0.58	-32.64	127.23
54604	67.25	-18.79	-11.67	133.73	-63.89	230.14	-4.71	-42.90	127.57
54605	65.93	-17.94	-11.67	138.03	-67.13	191.74	-10.54	-55.23	129.48
54606	64.68	-17.00	-11.67	140.29	-69.68	149.69	-16.07	-69.78	133.07
54607	63.50	-15.97	-11.67	140.43	-71.82	105.13	-20.02	-86.89	138.11
54608	62.39	-14.85	-11.67	139.19	-74.61	59.55	-20.83	-107.12	143.94
54609	61.37	-13.67	-11.67	138.35	-79.63	14.32	-17.31	-131.00	149.22
54610	60.44	-12.41	-11.67	141.88	-87.64	-29.98	-9.20	-159.03	151.12
54611	59.60	-11.08	-11.67	159.08	-98.55	-74.19	4.76	-191.90	142.50
54612	58.85	-9.70	-11.67	202.91	-112.22	-120.43	33.82	-228.15	109.95
54613	77.62	-22.71	-11.67	62.47	-16.59	396.56	4.45	-16.61	97.80
54614	75.98	-22.59	-11.67	65.87	-20.27	388.06	4.43	-24.31	94.68
54615	74.34	-22.35	-11.67	68.82	-23.75	376.42	5.50	-30.49	94.06
54616	72.73	-21.99	-11.67	72.15	-26.55	361.60	5.23	-38.12	95.73
54617	71.15	-21.52	-11.67	76.36	-29.51	342.13	3.64	-47.18	98.77
54618	69.60	-20.93	-11.67	80.81	-32.56	317.56	0.99	-57.23	103.16
54619	68.10	-20.23	-11.67	84.77	-35.54	287.92	-2.51	-68.08	109.16
54620	66.66	-19.42	-11.67	87.57	-38.32	253.39	-6.55	-79.64	117.06
54621	65.28	-18.52	-11.67	88.59	-40.89	214.35	-10.57	-91.83	127.09
54622	63.97	-17.51	-11.67	87.42	-43.53	171.49	-13.70	-104.69	139.33
54623	62.74	-16.41	-11.67	84.11	-47.09	125.98	-14.80	-118.34	153.63
54624	61.59	-15.22	-11.67	79.28	-53.13	79.52	-12.72	-132.95	169.36
54625	60.53	-13.96	-11.67	74.42	-63.43	34.25	-6.81	-148.67	184.94
54626	59.56	-12.62	-11.67	71.70	-78.68	-8.25	2.32	-165.55	196.54
54627	58.70	-11.21	-11.67	66.89	-97.20	-39.00	9.29	-189.03	197.85
54628	57.94	-9.75	-11.67	181.20	-138.03	-62.82	22.76	-244.35	166.03
54629	77.58	-23.55	-11.67	28.03	-3.61	435.22	0.21	-27.62	37.54
54630	75.85	-23.42	-11.67	31.36	-4.59	418.44	-0.32	-44.47	37.61
54631	74.13	-23.17	-11.67	32.27	-6.14	401.71	0.15	-56.34	41.02
54632	72.44	-22.78	-11.67	32.55	-7.05	385.52	-0.25	-70.13	48.36
54633	70.78	-22.28	-11.67	34.02	-7.84	364.96	-1.46	-85.12	58.42
54634	69.16	-21.65	-11.67	35.53	-8.57	338.96	-3.10	-99.82	71.07
54635	67.59	-20.91	-11.67	36.48	-9.21	307.61	-4.94	-113.87	86.38
54636	66.08	-20.05	-11.67	36.32	-9.90	270.95	-6.59	-126.87	104.36
54637	64.64	-19.09	-11.67	34.61	-10.99	229.29	-7.45	-138.52	125.00
54638	63.27	-18.02	-11.67	31.07	-13.29	183.22	-6.74	-148.55	148.17
54639	61.98	-16.85	-11.67	25.76	-18.18	133.84	-3.59	-156.62	173.52
54640	60.79	-15.59	-11.67	19.21	-27.66	82.94	2.76	-162.25	200.09
54641	59.69	-14.25	-11.67	11.98	-43.95	32.51	12.49	-164.32	225.68
54642	58.69	-12.83	-11.67	7.01	-68.50	-11.11	25.89	-163.51	245.48
54643	57.80	-11.34	-11.67	-2.06	-102.68	-39.19	42.29	-146.25	251.65
54644	57.02	-9.79	-11.67	121.93	-165.09	144.58	31.63	-240.49	206.03
54645	77.75	-20.20	-13.00	205.98	-119.00	285.44	25.16	0.39	127.13
54646	76.35	-20.10	-13.00	210.88	-121.13	282.35	23.88	4.72	125.98
54647	74.96	-19.90	-13.00	217.87	-123.89	274.50	22.05	8.08	123.71
54648	73.59	-19.62	-13.00	226.68	-127.34	261.94	19.37	10.20	120.48

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]
54649	72.25	-19.23	-13.00	236.88	-131.46	244.69	15.69	10.82	116.56
54650	70.93	-18.76	-13.00	247.92	-136.14	222.85	10.98	9.67	112.31
54651	69.65	-18.19	-13.00	259.23	-141.32	196.49	5.30	6.51	108.17
54652	68.41	-17.54	-13.00	270.26	-146.97	165.68	-1.21	1.21	104.62
54653	67.22	-16.80	-13.00	280.50	-153.04	130.51	-8.40	-6.26	102.15
54654	66.08	-15.98	-13.00	289.35	-159.05	91.08	-16.18	-15.64	100.92
54655	65.01	-15.08	-13.00	295.94	-163.25	48.02	-23.94	-26.70	100.22
54656	63.99	-14.11	-13.00	299.67	-163.63	2.85	-29.74	-39.72	98.42
54657	63.05	-13.08	-13.00	301.21	-159.16	-42.30	-29.84	-56.13	92.82
54658	62.18	-11.98	-13.00	303.21	-153.07	-87.30	-21.50	-77.74	84.38
54659	61.39	-10.82	-13.00	307.24	-145.74	-135.78	-4.32	-102.24	74.90
54660	60.69	-9.62	-13.00	313.16	-130.56	-187.63	23.24	-126.04	59.64
54661	77.71	-21.03	-13.00	181.43	-78.99	337.98	20.15	-1.19	128.48
54662	76.23	-20.93	-13.00	185.62	-81.32	334.62	19.89	1.79	127.60
54663	74.76	-20.72	-13.00	191.91	-84.73	326.41	18.78	3.67	125.81
54664	73.31	-20.41	-13.00	199.94	-89.29	312.93	16.55	4.47	123.03
54665	71.88	-19.99	-13.00	209.18	-94.83	294.41	13.01	3.91	119.73
54666	70.49	-19.48	-13.00	218.92	-101.21	270.94	8.14	1.74	116.27
54667	69.13	-18.87	-13.00	228.41	-108.22	242.65	1.98	-2.21	113.06
54668	67.83	-18.17	-13.00	236.92	-115.72	209.66	-5.30	-8.05	110.52
54669	66.57	-17.37	-13.00	243.69	-123.48	172.19	-13.41	-15.78	109.01
54670	65.38	-16.49	-13.00	247.88	-130.87	130.63	-21.77	-25.36	108.53
54671	64.25	-15.53	-13.00	248.79	-136.97	85.69	-28.97	-36.90	108.49
54672	63.19	-14.48	-13.00	246.69	-141.33	38.43	-32.43	-51.05	107.68
54673	62.21	-13.37	-13.00	243.62	-145.29	-10.37	-29.29	-69.05	105.27
54674	61.31	-12.19	-13.00	242.88	-151.01	-61.19	-18.01	-91.44	101.19
54675	60.50	-10.95	-13.00	246.92	-157.51	-116.54	2.62	-117.33	94.19
54676	59.77	-9.66	-13.00	257.36	-156.41	-175.80	36.45	-144.99	77.47
54677	77.67	-21.87	-13.00	155.29	-41.69	387.57	14.81	-3.62	112.49
54678	76.10	-21.76	-13.00	158.53	-44.08	385.72	14.43	-4.07	113.03
54679	74.55	-21.54	-13.00	163.36	-47.92	376.80	13.52	-4.87	111.83
54680	73.02	-21.20	-13.00	169.60	-52.39	362.39	11.33	-6.41	110.45
54681	71.51	-20.76	-13.00	176.66	-57.95	342.75	7.85	-9.11	109.09
54682	70.04	-20.20	-13.00	183.79	-64.27	317.83	3.09	-13.05	107.93
54683	68.62	-19.55	-13.00	190.12	-71.15	287.77	-2.82	-18.30	107.34
54684	67.25	-18.79	-13.00	194.82	-78.44	252.76	-9.59	-24.90	107.68
54685	65.93	-17.94	-13.00	197.07	-85.98	213.07	-16.70	-32.87	109.22
54686	64.68	-17.00	-13.00	196.15	-93.61	169.18	-23.16	-42.27	111.98
54687	63.50	-15.97	-13.00	191.78	-101.51	121.77	-27.33	-53.30	115.66
54688	62.39	-14.85	-13.00	184.76	-110.75	71.69	-27.15	-66.46	119.70
54689	61.37	-13.67	-13.00	177.29	-123.38	19.56	-21.05	-82.33	123.50
54690	60.44	-12.41	-13.00	172.94	-141.04	-34.87	-8.50	-101.76	126.20
54691	59.60	-11.08	-13.00	178.17	-162.76	-93.54	11.75	-126.97	124.93
54692	58.85	-9.70	-13.00	202.12	-180.26	-157.72	47.29	-161.04	107.09
54693	77.62	-22.71	-13.00	124.56	-10.19	441.81	5.74	-10.91	83.47
54694	75.98	-22.59	-13.00	126.76	-18.36	434.95	5.78	-15.63	78.87
54695	74.34	-22.35	-13.00	128.89	-20.77	423.66	4.66	-19.48	78.79
54696	72.73	-21.99	-13.00	131.71	-23.79	408.33	1.99	-24.87	80.44
54697	71.15	-21.52	-13.00	135.19	-27.30	387.48	-1.72	-31.20	82.89
54698	69.60	-20.93	-13.00	138.19	-31.28	360.95	-6.10	-38.02	86.23
54699	68.10	-20.23	-13.00	139.96	-35.63	328.95	-10.95	-45.30	90.75
54700	66.66	-19.42	-13.00	139.78	-40.41	291.65	-15.81	-52.97	96.67
54701	65.28	-18.52	-13.00	136.97	-45.87	249.36	-19.99	-60.96	104.15
54702	63.97	-17.51	-13.00	131.09	-52.55	202.55	-22.42	-69.23	113.25
54703	62.74	-16.41	-13.00	122.20	-61.64	151.93	-21.71	-77.79	123.80
54704	61.59	-15.22	-13.00	111.18	-75.08	98.40	-16.56	-86.72	135.37
54705	60.53	-13.96	-13.00	99.72	-95.15	42.79	-6.33	-95.97	147.08
54706	59.56	-12.62	-13.00	91.07	-122.95	-14.10	8.08	-106.13	158.01
54707	58.70	-11.21	-13.00	96.00	-158.19	-71.48	24.49	-122.60	164.99
54708	57.94	-9.75	-13.00	138.47	-194.34	-102.37	51.76	-172.76	144.42
54709	77.58	-23.55	-13.00	83.81	-0.52	507.78	-5.43	-29.90	35.43
54710	75.85	-23.42	-13.00	89.94	-5.55	471.87	-4.97	-36.85	25.39
54711	74.13	-23.17	-13.00	84.58	-6.19	454.85	-6.46	-41.49	28.51
54712	72.44	-22.78	-13.00	83.44	-5.73	439.23	-10.35	-53.43	34.91
54713	70.78	-22.28	-13.00	82.25	-5.36	416.42	-14.08	-65.02	42.98
54714	69.16	-21.65	-13.00	80.22	-4.85	387.94	-17.59	-76.31	53.15
54715	67.59	-20.91	-13.00	76.79	-4.49	353.50	-20.43	-86.87	65.37
54716	66.08	-20.05	-13.00	71.52	-4.75	313.35	-22.03	-96.43	79.64
54717	64.64	-19.09	-13.00	64.07	-6.43	267.70	-21.63	-104.74	95.93
54718	63.27	-18.02	-13.00	54.35	-10.87	216.96	-18.30	-111.53	114.12
54719	61.98	-16.85	-13.00	42.67	-20.06	161.74	-11.12	-116.48	133.88
54720	60.79	-15.59	-13.00	29.89	-36.59	102.78	0.49	-119.10	154.49
54721	59.69	-14.25	-13.00	17.62	-63.05	41.16	16.28	-118.92	174.66
54722	58.69	-12.83	-13.00	6.81	-100.76	-22.24	35.18	-113.47	191.53
54723	57.80	-11.34	-13.00	9.59	-146.19	-75.99	49.33	-106.84	196.89
54724	57.02	-9.79	-13.00	27.08	-189.93	-71.00	51.24	-118.65	153.82
54725	77.75	-20.20	-14.33	256.44	-152.31	277.17	32.01	1.39	85.81
54726	76.35	-20.10	-14.33	263.43	-155.42	274.47	31.38	3.30	85.42
54727	74.96	-19.90	-14.33	273.18	-159.94	267.31	29.69	4.85	84.72
54728	73.59	-19.62	-14.33	285.26	-165.98	255.66	26.45	5.90	83.76
54729	72.25	-19.23	-14.33	299.06	-173.58	239.59	21.48	6.38	82.62
54730	70.93	-18.76	-14.33	313.77	-182.61	219.16	14.72	6.19	81.49
54731	69.65	-18.19	-14.33	328.48	-193.00	194.48	6.26	5.22	80.58
54732	68.41	-17.54	-14.33	342.28	-204.85	165.62	-3.71	3.43	80.16
54733	67.22	-16.80	-14.33	354.41	-218.52	132.67	-14.94	0.80	80.60
54734	66.08	-15.98	-14.33	364.06	-234.48	95.67	-27.63	-2.41	82.27
54735	65.01	-15.08	-14.33	369.91	-250.32	54.90	-41.86	-5.83	84.88
54736	63.99	-14.11	-14.33	370.79	-261.34	11.06	-55.64	-9.46	87.25
54737	63.05	-13.08	-14.33	367.64	-260.75	-34.40	-63.10	-14.51	86.12
54738	62.18	-11.98	-14.33	365.18	-250.16	-80.90	-56.23	-23.62	81.06
54739	61.39	-10.82	-14.33	364.42	-244.38	-131.20	-35.26	-35.04	76.95
54740	60.69	-9.62	-14.33	361.35	-242.43	-186.24	-1.41	-44.77	76.89
54741	77.71	-21.03	-14.33	238.00	-89.77	340.65	26.65	0.81	84.69
54742	76.23	-20.93	-14.33	244.09	-92.69	337.87	27.88	2.33	84.42
54743	74.76	-20.72	-14.33	252.81	-97.29	329.83	27.32	3.36	83.80
54744	73.31	-20.41	-14.33	263.88	-104.19	316.86	24.65	3.93	82.72
54745	71.88	-19.99	-14.33	276.51	-113.27	298.91	19.90	4.00	81.32
54746	70.49	-19.48	-14.33	289.55	-124.02	276.12	13.09	3.44	79.87
54747	69.13	-18.87	-14.33	301.83	-136.06	248.59	4.26	2.19	78.51

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]
54748	67.83	-18.17	-14.33	312.25	-149.22	216.47	-6.36	0.20	77.45
54749	66.57	-17.37	-14.33	319.71	-163.45	179.91	-18.37	-2.52	76.87
54750	65.38	-16.49	-14.33	323.02	-178.17	139.15	-31.15	-5.89	76.80
54751	64.25	-15.53	-14.33	321.14	-192.07	94.56	-43.10	-9.92	76.92
54752	63.19	-14.48	-14.33	314.11	-203.70	46.69	-51.00	-14.96	76.42
54753	62.21	-13.37	-14.33	304.29	-214.21	-4.03	-50.53	-21.87	74.91
54754	61.31	-12.19	-14.33	295.16	-228.62	-57.83	-39.33	-31.13	73.19
54755	60.50	-10.95	-14.33	288.01	-248.89	-115.72	-16.13	-42.43	72.44
54756	59.77	-9.66	-14.33	281.42	-271.00	-179.00	23.82	-54.56	74.08
54757	77.67	-21.87	-14.33	219.62	-30.32	405.23	21.53	-0.01	75.37
54758	76.10	-21.76	-14.33	223.48	-31.19	400.93	23.90	0.45	75.88
54759	74.55	-21.54	-14.33	229.80	-34.37	392.57	23.07	0.23	76.09
54760	73.02	-21.20	-14.33	238.72	-41.31	378.01	20.09	-0.01	75.31
54761	71.51	-20.76	-14.33	248.72	-50.88	358.14	15.54	-0.79	74.63
54762	70.04	-20.20	-14.33	258.35	-62.12	332.86	9.16	-2.03	73.92
54763	68.62	-19.55	-14.33	266.47	-74.57	302.37	0.94	-3.81	73.40
54764	67.25	-18.79	-14.33	271.89	-88.03	266.83	-8.74	-6.14	73.25
54765	65.93	-17.94	-14.33	273.46	-102.39	226.47	-19.19	-9.04	73.59
54766	64.68	-17.00	-14.33	270.11	-117.61	181.56	-29.21	-12.52	74.45
54767	63.50	-15.97	-14.33	261.30	-133.90	132.49	-36.84	-16.65	75.70
54768	62.39	-14.85	-14.33	247.62	-152.53	79.65	-39.54	-21.67	77.12
54769	61.37	-13.67	-14.33	231.12	-176.36	23.34	-35.22	-27.87	78.63
54770	60.44	-12.41	-14.33	214.55	-208.65	-36.35	-22.53	-35.77	80.30
54771	59.60	-11.08	-14.33	200.53	-251.73	-100.46	1.57	-47.26	82.44
54772	58.85	-9.70	-14.33	188.31	-301.76	-169.13	45.27	-65.32	84.89
54773	77.62	-22.71	-14.33	195.74	9.70	462.11	17.23	1.01	55.56
54774	75.98	-22.59	-14.33	195.45	15.88	467.65	17.86	-4.05	62.45
54775	74.34	-22.35	-14.33	198.67	14.92	455.12	13.34	-4.41	61.01
54776	72.73	-21.99	-14.33	204.56	9.29	439.78	9.33	-6.49	62.07
54777	71.15	-21.52	-14.33	210.03	1.76	417.71	4.76	-8.46	62.67
54778	69.60	-20.93	-14.33	214.31	-6.97	389.88	-0.93	-10.64	63.63
54779	68.10	-20.23	-14.33	216.45	-16.71	356.29	-7.56	-13.01	64.98
54780	66.66	-19.42	-14.33	215.49	-27.50	317.16	-14.58	-15.57	66.85
54781	65.28	-18.52	-14.33	210.48	-39.66	272.74	-21.07	-18.28	69.34
54782	63.97	-17.51	-14.33	200.73	-53.99	223.34	-25.70	-21.13	72.49
54783	62.74	-16.41	-14.33	186.08	-72.01	169.36	-26.78	-24.09	76.28
54784	61.59	-15.22	-14.33	167.24	-96.21	111.20	-22.69	-27.14	80.60
54785	60.53	-13.96	-14.33	145.82	-129.70	49.33	-12.50	-30.25	85.27
54786	59.56	-12.62	-14.33	124.41	-175.99	-16.04	4.11	-33.85	90.50
54787	58.70	-11.21	-14.33	104.69	-238.97	-84.43	28.81	-42.42	97.05
54788	57.94	-9.75	-14.33	80.68	-312.62	-148.40	69.59	-58.34	98.76
54789	77.58	-23.55	-14.33	165.91	26.73	579.04	11.16	-37.03	52.23
54790	75.85	-23.42	-14.33	149.91	30.71	506.61	0.53	-10.31	27.72
54791	74.13	-23.17	-14.33	150.73	33.46	504.56	-7.47	-18.34	34.46
54792	72.44	-22.78	-14.33	149.97	32.77	485.56	-13.48	-23.91	37.01
54793	70.78	-22.28	-14.33	147.65	32.56	462.00	-19.11	-29.52	41.05
54794	69.16	-21.65	-14.33	143.30	32.06	431.69	-24.15	-34.75	45.99
54795	67.59	-20.91	-14.33	136.49	31.08	395.26	-28.04	-39.50	51.86
54796	66.08	-20.05	-14.33	126.78	28.90	352.81	-30.07	-43.66	58.65
54797	64.64	-19.09	-14.33	113.87	24.37	304.61	-29.25	-47.09	66.32
54798	63.27	-18.02	-14.33	97.71	15.66	250.96	-24.44	-49.66	74.83
54799	61.98	-16.85	-14.33	78.74	0.14	192.21	-14.53	-51.18	84.04
54800	60.79	-15.59	-14.33	58.05	-25.57	128.80	1.12	-51.45	93.71
54801	59.69	-14.25	-14.33	37.20	-65.10	61.10	22.39	-50.10	103.41
54802	58.69	-12.83	-14.33	19.03	-121.61	-10.51	47.33	-46.44	112.68
54803	57.80	-11.34	-14.33	4.28	-195.64	-83.25	72.54	-41.83	119.57
54804	57.02	-9.79	-14.33	-13.77	-277.02	-154.06	104.54	-33.35	119.00
54805	90.14	9.49	-11.67	595.19	-11.67	-1208.84	47.13	275.15	105.73
54806	91.17	9.44	-11.67	555.29	757.93	-1209.56	41.90	304.64	127.70
54807	92.21	9.39	-11.67	510.95	731.30	-1203.83	35.35	333.00	148.63
54808	90.36	10.47	-11.67	584.60	782.70	-1258.19	26.77	301.41	162.81
54809	91.26	10.33	-11.67	547.90	758.61	-1249.37	22.39	326.12	175.67
54810	92.15	10.18	-11.67	509.17	733.90	-1236.04	17.56	347.58	187.05
54811	90.56	11.46	-11.67	570.61	772.41	-1302.06	2.95	325.66	224.01
54812	91.33	11.21	-11.67	538.58	753.20	-1285.00	1.08	345.20	225.25
54813	92.08	10.96	-11.67	504.68	731.51	-1266.05	-2.06	363.34	228.72
54814	79.02	9.89	-11.67	808.57	927.79	-1164.69	81.49	7.79	-3.27
54815	80.15	9.88	-11.67	806.82	924.93	-1166.55	77.76	32.39	-2.74
54816	81.29	9.86	-11.67	800.02	919.23	-1168.86	74.29	56.75	-0.07
54817	82.41	9.83	-11.67	788.42	910.90	-1171.94	71.04	81.17	4.87
54818	83.53	9.80	-11.67	772.24	899.98	-1175.87	67.95	105.88	12.15
54819	84.65	9.76	-11.67	751.77	886.52	-1180.67	64.95	131.18	21.89
54820	85.76	9.71	-11.67	727.31	870.55	-1186.29	61.91	157.43	34.18
54821	86.87	9.66	-11.67	699.15	852.09	-1192.52	58.71	184.95	49.07
54822	87.97	9.60	-11.67	667.58	831.21	-1198.91	55.21	213.98	66.51
54823	89.07	9.54	-11.67	632.75	808.07	-1204.63	51.36	244.41	86.12
54824	79.05	11.68	-11.67	814.10	940.54	-1282.87	72.33	10.30	85.98
54825	80.25	11.64	-11.67	812.26	937.09	-1283.48	65.98	39.64	86.41
54826	81.44	11.58	-11.67	804.62	930.61	-1283.39	60.23	68.62	88.54
54827	82.61	11.50	-11.67	791.64	921.11	-1282.99	54.99	97.43	92.58
54828	83.77	11.40	-11.67	773.65	908.71	-1282.25	50.21	126.22	98.54
54829	84.92	11.28	-11.67	751.04	893.50	-1281.04	45.80	155.15	106.34
54830	86.05	11.15	-11.67	724.21	875.59	-1279.13	41.68	184.37	115.85
54831	87.17	10.99	-11.67	693.54	855.08	-1276.20	37.72	213.98	126.88
54832	88.28	10.82	-11.67	659.42	832.13	-1271.81	33.94	243.91	139.00
54833	89.37	10.63	-11.67	622.17	807.03	-1265.41	30.39	273.86	151.57
54834	79.08	13.48	-11.67	809.83	921.52	-1405.39	61.68	13.88	200.28
54835	80.33	13.42	-11.67	808.08	918.28	-1404.52	52.31	48.64	199.84
54836	81.56	13.32	-11.67	800.00	912.17	-1401.67	43.66	82.85	200.46
54837	82.78	13.19	-11.67	786.09	903.15	-1397.03	35.79	116.56	202.17
54838	83.98	13.03	-11.67	766.83	891.33	-1390.48	28.70	149.69	204.86
54839	85.15	12.83	-11.67	742.68	876.80	-1381.83	22.37	182.17	208.36
54840	86.31	12.61	-11.67	714.12	859.70	-1370.81	16.77	213.90	212.42
54841	87.44	12.35	-11.67	681.58	840.16	-1357.09	11.88	244.74	216.74
54842	88.56	12.06	-11.67	645.53	818.25	-1340.40	7.82	274.46	220.86
54843	89.64	11.74	-11.67	606.55	794.16	-1320.70	4.80	302.44	223.76
54844	79.10	15.28	-11.67	796.36	863.83	-1514.29	50.15	17.79	338.54
54845	80.40	15.20	-11.67	794.64	861.61	-1512.46	36.77	58.40	336.88
54846	81.67	15.07	-11.67	786.24	857.13	-1506.92	24.28	98.18	334.73

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]
54847	82.92	14.90	-11.67	771.70	850.41	-1497.91	12.89	136.88	332.08
54848	84.16	14.67	-11.67	751.54	841.53	-1485.37	2.73	174.20	328.86
54849	85.36	14.40	-11.67	726.30	830.57	-1469.19	-6.10	209.82	324.93
54850	86.54	14.08	-11.67	696.53	817.64	-1449.25	-13.51	243.42	320.20
54851	87.69	13.72	-11.67	662.76	802.80	-1425.39	-19.40	274.71	314.54
54852	88.81	13.31	-11.67	625.52	785.98	-1397.52	-23.53	303.48	307.76
54853	89.90	12.86	-11.67	585.58	766.74	-1366.07	-25.69	329.58	299.67
54854	79.12	17.07	-11.67	774.17	762.48	-1590.41	38.19	21.36	484.02
54855	80.44	16.99	-11.67	772.36	761.81	-1588.06	19.58	66.85	481.19
54856	81.75	16.84	-11.67	763.74	760.40	-1580.67	2.11	111.27	475.64
54857	83.04	16.62	-11.67	748.82	758.20	-1568.44	-13.79	154.08	467.45
54858	84.30	16.34	-11.67	728.12	755.21	-1551.47	-27.78	194.72	456.71
54859	85.54	15.99	-11.67	702.25	751.38	-1529.84	-39.60	232.69	443.57
54860	86.74	15.58	-11.67	671.88	746.63	-1503.62	-48.98	267.55	428.25
54861	87.91	15.11	-11.67	637.65	740.81	-1472.87	-55.70	298.96	411.02
54862	89.05	14.58	-11.67	600.26	733.57	-1437.70	-59.45	326.78	392.09
54863	90.14	14.00	-11.67	560.51	724.22	-1398.58	-60.05	351.28	371.40
54864	79.13	18.88	-11.67	744.51	617.92	-1617.38	26.22	23.61	602.53
54865	80.47	18.79	-11.67	742.51	619.21	-1615.15	1.55	70.86	599.14
54866	81.81	18.61	-11.67	733.84	622.21	-1607.63	-21.69	117.14	591.18
54867	83.13	18.35	-11.67	718.88	626.84	-1594.94	-42.79	161.70	578.77
54868	84.42	18.01	-11.67	698.15	632.80	-1577.18	-61.17	203.89	562.17
54869	85.68	17.59	-11.67	672.30	639.74	-1554.46	-76.30	243.11	541.79
54870	86.92	17.09	-11.67	642.08	647.19	-1526.93	-87.75	278.83	518.10
54871	88.11	16.51	-11.67	608.32	654.62	-1494.69	-95.16	310.67	491.65
54872	89.26	15.87	-11.67	571.89	661.30	-1457.86	-98.18	338.45	462.94
54873	90.36	15.15	-11.67	533.63	666.18	-1416.76	-96.63	362.32	432.20
54874	95.25	9.56	-11.67	349.74	640.19	-1148.54	-7.61	399.92	208.36
54875	94.64	10.65	-11.67	373.03	651.71	-1196.00	-29.65	407.62	247.54
54876	93.97	11.69	-11.67	397.70	659.19	-1241.58	-50.05	411.33	287.66
54877	94.24	9.48	-11.67	405.46	672.46	-1174.77	10.14	385.72	191.96
54878	93.82	10.42	-11.67	419.66	681.13	-1213.63	-10.26	393.85	228.64
54879	93.36	11.34	-11.67	434.65	685.70	-1250.79	-29.55	398.77	265.82
54880	93.23	9.40	-11.67	459.03	702.39	-1192.81	25.00	363.28	171.31
54881	93.00	10.21	-11.67	464.12	708.07	-1224.85	6.89	373.80	205.68
54882	92.75	11.00	-11.67	470.89	710.03	-1254.90	-10.80	379.26	242.07
54883	91.38	14.37	-11.67	496.23	668.13	-1373.55	-90.76	382.45	401.61
54884	91.10	13.39	-11.67	523.77	714.02	-1359.97	-57.22	370.88	350.62
54885	90.81	12.43	-11.67	549.76	749.00	-1336.60	-26.00	350.44	291.51
54886	92.31	13.54	-11.67	461.03	667.68	-1329.75	-80.54	397.25	366.65
54887	91.93	12.78	-11.67	490.78	704.44	-1323.49	-51.46	385.08	326.21
54888	91.55	12.03	-11.67	519.07	734.12	-1310.39	-24.32	366.43	280.10
54889	93.19	12.66	-11.67	427.89	664.19	-1285.60	-67.45	407.49	329.99
54890	92.73	12.13	-11.67	459.03	693.24	-1286.98	-43.77	394.68	300.68
54891	92.26	11.61	-11.67	488.64	719.65	-1283.25	-21.44	378.22	264.71
54892	90.14	9.49	-13.00	746.28	1013.34	-1117.52	65.37	189.79	111.89
54893	91.17	9.44	-13.00	693.53	972.93	-1120.99	58.83	210.00	131.15
54894	92.21	9.39	-13.00	634.18	932.83	-1119.85	52.93	227.55	147.32
54895	90.36	10.47	-13.00	730.69	1014.51	-1162.62	37.16	207.40	152.43
54896	91.26	10.33	-13.00	682.49	978.54	-1158.66	32.68	224.50	164.85
54897	92.15	10.18	-13.00	630.34	942.34	-1151.70	29.54	237.56	174.17
54898	90.56	11.46	-13.00	710.00	999.74	-1203.78	5.40	221.66	192.78
54899	91.33	11.21	-13.00	667.44	972.19	-1191.83	4.27	235.86	195.91
54900	92.08	10.96	-13.00	622.88	944.96	-1179.29	5.60	248.73	198.90
54901	79.02	9.89	-13.00	1002.66	1226.41	-1091.37	99.73	3.47	19.02
54902	80.15	9.88	-13.00	1002.93	1222.17	-1092.65	98.02	19.50	19.71
54903	81.29	9.86	-13.00	997.15	1214.24	-1094.07	96.43	35.52	22.14
54904	82.41	9.83	-13.00	985.48	1202.62	-1095.76	94.83	51.68	26.42
54905	83.53	9.80	-13.00	968.00	1187.27	-1097.76	93.02	68.24	32.62
54906	84.65	9.76	-13.00	944.81	1168.13	-1100.09	90.75	85.47	40.80
54907	85.76	9.71	-13.00	915.93	1145.12	-1102.77	87.76	103.71	51.02
54908	86.87	9.66	-13.00	881.37	1118.10	-1105.78	83.76	123.29	63.36
54909	87.97	9.60	-13.00	841.21	1086.89	-1109.16	78.46	144.47	77.95
54910	89.07	9.54	-13.00	795.80	1051.41	-1113.01	72.09	167.15	94.79
54911	79.05	11.68	-13.00	1015.09	1244.33	-1192.71	88.96	5.19	76.27
54912	80.25	11.64	-13.00	1015.05	1239.47	-1192.74	83.66	24.54	76.87
54913	81.44	11.58	-13.00	1007.82	1230.30	-1191.98	78.66	43.91	79.30
54914	82.61	11.50	-13.00	993.73	1216.86	-1190.58	73.92	63.29	83.49
54915	83.77	11.40	-13.00	973.05	1199.25	-1188.57	69.26	82.82	89.39
54916	84.92	11.28	-13.00	946.05	1177.56	-1185.87	64.51	102.66	96.92
54917	86.05	11.15	-13.00	913.01	1151.89	-1182.39	59.49	122.95	105.98
54918	87.17	10.99	-13.00	874.15	1122.30	-1178.04	54.04	143.81	116.41
54919	88.28	10.82	-13.00	829.78	1088.81	-1172.80	48.02	165.29	128.18
54920	89.37	10.63	-13.00	780.66	1051.45	-1167.01	42.27	187.23	140.98
54921	79.08	13.48	-13.00	1012.94	1210.24	-1293.50	76.55	7.76	153.12
54922	80.33	13.42	-13.00	1012.68	1205.70	-1292.50	66.45	31.10	153.16
54923	81.56	13.32	-13.00	1004.25	1196.90	-1289.70	56.89	54.30	154.51
54924	82.78	13.19	-13.00	988.12	1183.93	-1285.24	47.97	77.24	157.07
54925	83.98	13.03	-13.00	964.77	1166.98	-1279.08	39.64	99.88	160.69
54926	85.15	12.83	-13.00	934.70	1146.30	-1271.13	31.84	122.17	165.23
54927	86.31	12.61	-13.00	898.44	1122.12	-1261.25	24.53	144.03	170.53
54928	87.44	12.35	-13.00	856.50	1094.73	-1249.25	17.70	165.30	176.44
54929	88.56	12.06	-13.00	809.38	1064.27	-1234.94	11.33	185.79	183.07
54930	89.64	11.74	-13.00	758.04	1030.61	-1218.43	6.89	205.13	189.59
54931	79.10	15.28	-13.00	994.98	1120.93	-1386.09	62.94	10.79	249.94
54932	80.40	15.20	-13.00	994.49	1117.67	-1384.37	46.64	38.41	249.05
54933	81.67	15.07	-13.00	985.15	1111.09	-1379.71	31.23	65.65	248.29
54934	82.92	14.90	-13.00	967.53	1101.34	-1372.26	17.06	92.18	247.53
54935	84.16	14.67	-13.00	942.27	1088.64	-1362.02	4.25	117.78	246.66
54936	85.36	14.40	-13.00	910.09	1073.26	-1348.94	-7.07	142.19	245.64
54937	86.54	14.08	-13.00	871.74	1055.48	-1332.91	-16.77	165.14	244.42
54938	87.69	13.72	-13.00	828.01	1035.60	-1313.77	-24.74	186.31	243.06
54939	88.81	13.31	-13.00	779.51	1013.90	-1291.18	-30.86	205.45	242.00
54940	89.90	12.86	-13.00	727.11	989.35	-1264.83	-33.70	222.55	241.33
54941	79.12	17.07	-13.00	959.80	972.97	-1464.55	48.61	13.58	352.10
54942	80.44	16.99	-13.00	959.10	971.74	-1462.41	24.90	44.80	350.34
54943	81.75	16.84	-13.00	949.33	969.41	-1456.32	2.56	75.39	347.00
54944	83.04	16.62	-13.00	931.06	966.09	-1446.41	-17.77	104.84	342.07
54945	84.30	16.34	-13.00	905.02	961.86	-1432.74	-35.67	132.74	335.57

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]
54946	85.54	15.99	-13.00	872.04	956.79	-1415.34	-50.79	158.72	327.66
54947	86.74	15.58	-13.00	833.09	950.93	-1394.21	-62.83	182.43	318.56
54948	87.91	15.11	-13.00	789.10	944.30	-1369.26	-71.52	203.54	308.62
54949	89.05	14.58	-13.00	740.83	936.92	-1340.25	-76.59	221.90	298.52
54950	90.14	14.00	-13.00	689.14	927.80	-1306.71	-77.05	237.91	288.64
54951	79.13	18.88	-13.00	908.94	773.71	-1521.69	34.18	15.36	434.06
54952	80.47	18.79	-13.00	908.04	774.84	-1519.44	2.66	48.00	431.92
54953	81.81	18.61	-13.00	898.44	778.20	-1512.75	-26.99	79.95	426.83
54954	83.13	18.35	-13.00	880.59	783.84	-1501.63	-53.84	110.66	418.81
54955	84.42	18.01	-13.00	855.12	791.52	-1486.16	-77.13	139.66	408.02
54956	85.68	17.59	-13.00	822.92	800.87	-1466.38	-96.26	166.53	394.78
54957	86.92	17.09	-13.00	785.00	811.40	-1442.35	-110.71	190.92	379.51
54958	88.11	16.51	-13.00	742.46	822.54	-1414.07	-120.05	212.52	362.75
54959	89.26	15.87	-13.00	696.32	833.70	-1381.45	-123.85	231.21	345.19
54960	90.36	15.15	-13.00	647.48	843.64	-1344.22	-121.49	247.33	327.43
54961	95.25	9.56	-13.00	415.41	807.89	-1093.44	3.06	273.38	177.98
54962	94.64	10.65	-13.00	444.54	826.67	-1139.96	-25.50	280.04	206.17
54963	93.97	11.69	-13.00	475.55	837.32	-1182.48	-52.71	285.46	233.53
54964	94.24	9.48	-13.00	490.31	852.56	-1105.19	25.64	261.73	171.23
54965	93.82	10.42	-13.00	508.00	869.03	-1143.68	-1.36	268.23	197.42
54966	93.36	11.34	-13.00	525.78	877.11	-1178.06	-27.65	273.88	221.00
54967	93.23	9.40	-13.00	563.61	892.37	-1114.77	42.41	246.77	161.44
54968	93.00	10.21	-13.00	569.33	905.51	-1147.02	17.82	254.38	185.64
54969	92.75	11.00	-13.00	576.87	912.36	-1174.65	-8.16	258.58	206.74
54970	91.38	14.37	-13.00	599.25	850.13	-1303.75	-112.53	261.99	311.22
54971	91.10	13.39	-13.00	640.55	917.18	-1271.94	-71.71	251.68	279.28
54972	90.81	12.43	-13.00	679.09	965.64	-1239.60	-32.56	237.01	240.09
54973	92.31	13.54	-13.00	554.30	851.80	-1261.92	-96.51	274.10	290.60
54974	91.93	12.78	-13.00	597.36	904.85	-1238.70	-61.27	263.07	265.08
54975	91.55	12.03	-13.00	638.34	945.27	-1217.53	-28.04	249.48	234.08
54976	93.19	12.66	-13.00	512.77	845.41	-1221.37	-76.42	283.36	265.60
54977	92.73	12.13	-13.00	556.47	887.49	-1207.86	-48.01	271.20	246.92
54978	92.26	11.61	-13.00	598.30	918.28	-1197.73	-20.75	258.52	221.31
54979	90.14	9.49	-14.33	926.79	1304.67	-1065.96	92.03	74.66	126.43
54980	91.17	9.44	-14.33	858.78	1234.82	-1068.42	84.22	82.79	144.98
54981	92.21	9.39	-14.33	782.84	1168.57	-1068.77	82.52	87.26	159.33
54982	90.36	10.47	-14.33	904.24	1299.10	-1111.01	48.52	81.47	141.25
54983	91.26	10.33	-14.33	840.79	1233.92	-1108.48	43.79	89.03	162.47
54984	92.15	10.18	-14.33	775.38	1171.22	-1103.92	47.95	91.44	178.08
54985	90.56	11.46	-14.33	878.27	1286.38	-1152.73	1.92	83.97	158.13
54986	91.33	11.21	-14.33	822.70	1239.80	-1143.49	4.55	90.38	177.39
54987	92.08	10.96	-14.33	761.82	1180.44	-1135.96	8.22	96.07	196.74
54988	79.02	9.89	-14.33	1225.03	1595.41	-1059.83	118.87	1.36	54.73
54989	80.15	9.88	-14.33	1227.63	1590.74	-1060.68	120.29	7.06	55.60
54990	81.29	9.86	-14.33	1223.18	1581.34	-1061.38	122.05	12.73	57.65
54991	82.41	9.83	-14.33	1211.79	1567.32	-1061.94	123.66	18.46	60.85
54992	83.53	9.80	-14.33	1193.52	1548.54	-1062.36	124.69	24.40	65.24
54993	84.65	9.76	-14.33	1168.27	1524.74	-1062.66	124.67	30.71	70.92
54994	85.76	9.71	-14.33	1135.79	1495.55	-1062.88	123.13	37.56	77.99
54995	86.87	9.66	-14.33	1095.61	1460.41	-1063.05	119.52	45.16	86.61
54996	87.97	9.60	-14.33	1047.10	1418.33	-1063.30	113.12	53.86	97.06
54997	89.07	9.54	-14.33	989.92	1366.92	-1064.02	102.82	64.14	110.74
54998	79.05	11.68	-14.33	1245.17	1607.95	-1146.15	106.86	1.78	63.41
54999	80.25	11.64	-14.33	1247.33	1602.23	-1145.89	103.69	8.75	64.13
55000	81.44	11.58	-14.33	1240.83	1590.89	-1144.81	101.11	15.73	66.40
55001	82.61	11.50	-14.33	1225.92	1574.07	-1142.92	98.53	22.75	69.86
55002	83.77	11.40	-14.33	1202.88	1551.87	-1140.24	95.58	29.89	74.54
55003	84.92	11.28	-14.33	1171.88	1524.36	-1136.74	91.87	37.26	80.50
55004	86.05	11.15	-14.33	1133.00	1491.57	-1132.42	87.05	44.94	87.80
55005	87.17	10.99	-14.33	1086.22	1453.47	-1127.28	80.74	53.02	96.54
55006	88.28	10.82	-14.33	1031.33	1409.76	-1121.39	72.31	61.69	106.95
55007	89.37	10.63	-14.33	967.96	1358.27	-1115.34	59.57	71.82	122.21
55008	79.08	13.48	-14.33	1248.63	1567.09	-1230.36	93.07	2.85	90.44
55009	80.33	13.42	-14.33	1250.27	1561.30	-1229.28	83.43	11.41	90.79
55010	81.56	13.32	-14.33	1241.70	1549.62	-1226.64	74.70	19.91	92.55
55011	82.78	13.19	-14.33	1223.40	1532.27	-1222.48	66.39	28.34	95.28
55012	83.98	13.03	-14.33	1195.89	1509.55	-1216.79	58.27	36.73	98.96
55013	85.15	12.83	-14.33	1159.68	1481.85	-1209.56	50.15	45.07	103.63
55014	86.31	12.61	-14.33	1115.31	1449.62	-1200.78	41.87	53.35	109.35
55015	87.44	12.35	-14.33	1063.34	1413.33	-1190.38	33.25	61.47	116.25
55016	88.56	12.06	-14.33	1004.32	1373.55	-1178.30	23.81	69.23	124.59
55017	89.64	11.74	-14.33	938.27	1330.61	-1164.77	10.51	77.06	139.08
55018	79.10	15.28	-14.33	1228.85	1450.57	-1312.20	77.34	4.21	128.20
55019	80.40	15.20	-14.33	1229.91	1446.06	-1310.55	59.17	14.56	128.11
55020	81.67	15.07	-14.33	1219.59	1436.75	-1306.53	42.30	24.75	128.91
55021	82.92	14.90	-14.33	1198.55	1422.86	-1300.20	26.63	34.70	130.15
55022	84.16	14.67	-14.33	1167.58	1404.79	-1291.58	12.23	44.34	131.88
55023	85.36	14.40	-14.33	1127.52	1383.07	-1280.68	-0.82	53.57	134.13
55024	86.54	14.08	-14.33	1079.36	1358.31	-1267.48	-12.45	62.28	137.03
55025	87.69	13.72	-14.33	1024.15	1331.24	-1251.94	-22.64	70.27	140.83
55026	88.81	13.31	-14.33	963.10	1303.04	-1233.84	-31.70	77.08	146.01
55027	89.90	12.86	-14.33	896.47	1277.55	-1212.81	-42.00	82.93	158.13
55028	79.12	17.07	-14.33	1181.37	1246.96	-1391.20	60.13	5.50	169.52
55029	80.44	16.99	-14.33	1181.86	1244.96	-1389.18	31.56	17.47	169.06
55030	81.75	16.84	-14.33	1170.49	1241.16	-1383.99	4.84	29.16	168.63
55031	83.04	16.62	-14.33	1148.02	1235.68	-1375.69	-19.54	40.42	167.97
55032	84.30	16.34	-14.33	1115.38	1228.78	-1364.33	-41.10	51.06	167.15
55033	85.54	15.99	-14.33	1073.67	1220.77	-1349.92	-59.39	60.95	166.31
55034	86.74	15.58	-14.33	1024.18	1211.97	-1332.49	-74.07	69.91	165.67
55035	87.91	15.11	-14.33	968.30	1202.87	-1312.01	-84.89	77.76	165.60
55036	89.05	14.58	-14.33	907.38	1194.48	-1288.29	-91.81	84.14	166.75
55037	90.14	14.00	-14.33	841.69	1190.59	-1260.92	-95.34	89.45	172.72
55038	79.13	18.88	-14.33	1106.14	964.06	-1466.56	42.32	6.37	204.61
55039	80.47	18.79	-14.33	1106.13	965.22	-1464.34	2.57	19.16	203.96
55040	81.81	18.61	-14.33	1094.82	969.34	-1458.16	-34.72	31.63	202.50
55041	83.13	18.35	-14.33	1072.77	976.50	-1448.08	-68.37	43.57	200.12
55042	84.42	18.01	-14.33	1040.85	986.63	-1434.13	-97.43	54.78	196.93
55043	85.68	17.59	-14.33	1000.20	999.44	-1416.38	-121.11	65.08	193.11
55044	86.92	17.09	-14.33	952.24	1014.52	-1394.85	-138.75	74.32	188.95

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]
55045	88.11	16.51	-14.33	898.49	1031.50	-1369.60	-149.78	82.35	184.85
55046	89.26	15.87	-14.33	840.46	1050.36	-1340.56	-153.71	89.03	181.38
55047	90.36	15.15	-14.33	778.72	1072.44	-1307.60	-149.84	94.74	180.17
55048	95.25	9.56	-14.33	486.24	1039.43	-1065.50	34.79	105.30	139.54
55049	94.64	10.65	-14.33	520.26	1056.24	-1112.95	2.23	108.19	148.42
55050	93.97	11.69	-14.33	561.63	1082.82	-1155.22	-28.62	113.83	163.41
55051	94.24	9.48	-14.33	589.42	1085.23	-1067.49	62.33	98.76	153.29
55052	93.82	10.42	-14.33	608.40	1099.03	-1108.75	33.66	101.05	166.28
55053	93.36	11.34	-14.33	633.81	1123.58	-1144.92	2.82	107.05	181.98
55054	93.23	9.40	-14.33	688.47	1121.95	-1068.53	82.32	93.45	161.97
55055	93.00	10.21	-14.33	692.88	1131.61	-1103.89	55.45	95.79	178.97
55056	92.75	11.00	-14.33	699.23	1151.17	-1135.04	27.60	98.31	197.65
55057	91.38	14.37	-14.33	718.33	1096.33	-1271.17	-134.45	100.92	183.58
55058	91.10	13.39	-14.33	781.40	1192.14	-1231.30	-87.97	94.53	185.08
55059	90.81	12.43	-14.33	837.77	1258.81	-1191.37	-44.71	88.11	177.93
55060	92.31	13.54	-14.33	661.49	1114.90	-1232.40	-105.36	107.17	184.71
55061	91.93	12.78	-14.33	725.92	1191.24	-1201.63	-66.50	100.14	194.58
55062	91.55	12.03	-14.33	784.85	1237.64	-1172.34	-32.91	93.91	193.60
55063	93.19	12.66	-14.33	609.56	1114.24	-1192.96	-66.75	113.49	180.70
55064	92.73	12.13	-14.33	672.53	1171.48	-1173.00	-34.38	105.85	196.63
55065	92.26	11.61	-14.33	730.86	1217.42	-1152.60	-12.22	99.23	201.92
55066	66.78	9.50	-11.67	515.28	822.72	-1145.12	146.98	-240.64	104.30
55067	65.74	9.45	-11.67	468.82	807.00	-1137.47	155.51	-253.43	122.97
55068	64.70	9.40	-11.67	419.59	792.37	-1124.82	164.84	-261.43	140.86
55069	66.59	10.51	-11.67	502.74	825.50	-1193.07	152.35	-258.16	159.23
55070	65.68	10.36	-11.67	461.06	810.38	-1177.45	159.86	-268.13	169.85
55071	64.78	10.20	-11.67	418.39	795.86	-1158.53	167.95	-272.55	178.99
55072	66.40	11.51	-11.67	487.91	817.40	-1236.17	160.25	-274.52	218.07
55073	65.63	11.26	-11.67	452.27	805.88	-1213.69	165.80	-281.73	218.34
55074	64.86	10.99	-11.67	415.79	792.96	-1190.11	172.75	-285.52	220.52
55075	77.89	9.90	-11.67	804.84	927.82	-1162.42	85.40	-16.11	-2.16
55076	76.76	9.89	-11.67	796.15	925.27	-1160.21	89.93	-39.52	0.92
55077	75.64	9.87	-11.67	782.42	920.65	-1158.95	94.73	-63.06	5.44
55078	74.52	9.85	-11.67	763.68	914.10	-1158.17	99.80	-86.69	11.56
55079	73.40	9.82	-11.67	740.13	905.60	-1157.64	105.18	-110.31	19.45
55080	72.28	9.78	-11.67	712.03	895.22	-1157.17	110.94	-133.84	29.21
55081	71.17	9.74	-11.67	679.65	883.08	-1156.52	117.14	-157.16	40.93
55082	70.06	9.69	-11.67	643.33	869.35	-1155.41	123.89	-180.06	54.59
55083	68.95	9.63	-11.67	603.47	854.30	-1153.45	131.20	-202.17	70.12
55084	67.85	9.56	-11.67	560.45	838.30	-1150.06	139.01	-222.78	87.16
55085	77.87	11.69	-11.67	809.79	941.28	-1280.41	78.64	-18.28	86.28
55086	76.70	11.67	-11.67	800.21	939.18	-1276.84	85.35	-45.75	87.87
55087	75.54	11.62	-11.67	784.99	934.19	-1273.22	92.14	-73.29	91.20
55088	74.38	11.55	-11.67	764.31	926.67	-1268.76	99.11	-100.60	96.25
55089	73.23	11.46	-11.67	738.51	916.89	-1263.21	106.27	-127.46	102.78
55090	72.08	11.35	-11.67	707.96	905.02	-1256.28	113.61	-153.64	110.58
55091	70.94	11.21	-11.67	673.03	891.26	-1247.65	121.13	-178.82	119.46
55092	69.81	11.06	-11.67	634.18	875.86	-1236.98	128.89	-202.61	129.23
55093	68.70	10.88	-11.67	591.94	859.10	-1224.02	136.84	-224.42	139.54
55094	67.59	10.68	-11.67	546.95	841.46	-1208.54	144.84	-243.52	149.82
55095	77.85	13.49	-11.67	805.06	922.17	-1403.37	70.97	-20.12	200.80
55096	76.64	13.45	-11.67	794.72	920.34	-1398.71	80.66	-52.95	201.40
55097	75.43	13.37	-11.67	778.40	915.90	-1391.95	90.35	-85.53	202.57
55098	74.24	13.26	-11.67	756.35	909.02	-1382.51	99.95	-117.20	204.38
55099	73.05	13.10	-11.67	729.01	899.95	-1370.37	109.46	-147.59	206.78
55100	71.87	12.91	-11.67	696.79	888.97	-1355.37	118.84	-176.33	209.59
55101	70.71	12.69	-11.67	660.16	876.33	-1337.22	128.05	-202.95	212.58
55102	69.57	12.43	-11.67	619.62	862.30	-1315.62	137.05	-226.85	215.49
55103	68.44	12.13	-11.67	575.78	847.11	-1290.47	145.69	-247.39	217.96
55104	67.34	11.80	-11.67	529.44	831.03	-1262.06	153.83	-263.58	219.01
55105	77.82	15.29	-11.67	791.40	864.25	-1511.88	63.60	-22.25	338.80
55106	76.57	15.23	-11.67	780.53	863.19	-1505.47	77.21	-60.78	337.33
55107	75.33	15.12	-11.67	763.44	860.35	-1495.37	90.69	-98.55	334.83
55108	74.09	14.96	-11.67	740.44	855.86	-1481.10	103.76	-134.67	331.36
55109	72.87	14.75	-11.67	712.02	849.88	-1462.65	116.28	-168.55	326.98
55110	71.67	14.48	-11.67	678.66	842.64	-1439.96	128.16	-199.60	321.72
55111	70.48	14.16	-11.67	640.94	834.38	-1412.92	139.26	-227.18	315.58
55112	69.32	13.80	-11.67	599.45	825.32	-1381.43	149.46	-250.64	308.58
55113	68.18	13.38	-11.67	554.86	815.55	-1345.58	158.51	-269.41	300.61
55114	67.08	12.92	-11.67	508.13	804.89	-1306.07	166.28	-283.02	291.66
55115	77.80	17.08	-11.67	769.27	762.89	-1587.66	57.05	-23.78	483.76
55116	76.51	17.01	-11.67	758.11	763.51	-1579.99	75.78	-67.29	479.78
55117	75.23	16.87	-11.67	740.58	763.86	-1567.34	94.07	-109.43	472.74
55118	73.95	16.66	-11.67	717.03	764.00	-1549.50	111.45	-149.21	462.75
55119	72.70	16.39	-11.67	687.97	763.99	-1526.51	127.61	-185.85	450.09
55120	71.46	16.04	-11.67	654.00	763.91	-1498.43	142.28	-218.59	435.11
55121	70.25	15.64	-11.67	615.82	763.83	-1465.33	155.26	-246.72	418.22
55122	69.07	15.17	-11.67	574.18	763.78	-1427.32	166.34	-269.62	399.86
55123	67.93	14.63	-11.67	529.91	763.60	-1384.64	175.29	-286.87	380.43
55124	66.82	14.04	-11.67	483.99	762.81	-1338.02	182.07	-298.46	359.96
55125	77.78	18.88	-11.67	739.85	618.37	-1614.58	51.38	-23.51	601.77
55126	76.45	18.79	-11.67	728.65	621.35	-1606.72	76.22	-69.32	595.89
55127	75.12	18.62	-11.67	711.05	626.52	-1593.54	100.18	-113.43	585.31
55128	73.81	18.37	-11.67	687.40	633.71	-1575.03	122.54	-154.84	570.25
55129	72.52	18.03	-11.67	658.27	642.75	-1551.20	142.74	-192.70	551.14
55130	71.25	17.61	-11.67	624.36	653.40	-1522.14	160.37	-226.25	528.59
55131	70.02	17.11	-11.67	586.50	665.38	-1487.94	175.10	-254.74	503.28
55132	68.82	16.54	-11.67	545.61	678.32	-1448.73	186.72	-277.57	475.98
55133	67.67	15.88	-11.67	502.68	691.74	-1404.72	195.07	-294.35	447.38
55134	66.56	15.16	-11.67	458.80	704.88	-1356.44	200.15	-305.10	417.85
55135	61.65	9.56	-11.67	261.60	751.98	-1068.56	205.24	-250.25	195.02
55136	62.26	10.65	-11.67	285.49	751.52	-1116.46	202.53	-269.46	240.23
55137	62.94	11.70	-11.67	311.20	745.30	-1163.10	202.16	-287.61	281.91
55138	62.67	9.48	-11.67	313.09	765.00	-1090.86	189.85	-263.16	178.46
55139	63.09	10.44	-11.67	328.70	767.43	-1131.95	189.62	-277.10	218.96
55140	63.56	11.36	-11.67	345.51	764.04	-1171.52	190.70	-290.14	257.90
55141	63.68	9.41	-11.67	365.74	778.20	-1109.43	176.21	-267.01	160.03
55142	63.92	10.23	-11.67	372.38	781.73	-1143.82	177.89	-278.20	195.93
55143	64.18	11.03	-11.67	380.50	780.08	-1176.35	179.80	-286.41	233.50

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	416.92	716.29	-1306.75	202.59	-310.16	389.01
55145	65.85	13.43	-11.67	442.52	761.65	-1293.02	186.35	-304.19	339.71
55146	66.15	12.48	-11.67	467.18	795.54	-1270.10	172.11	-290.75	282.96
55147	64.60	13.56	-11.67	378.17	726.92	-1257.64	202.68	-308.58	356.76
55148	65.01	12.81	-11.67	406.01	761.70	-1251.52	188.69	-304.54	316.56
55149	65.40	12.07	-11.67	433.42	788.63	-1239.04	176.00	-295.11	271.50
55150	63.72	12.67	-11.67	342.69	736.15	-1209.57	202.33	-301.52	323.02
55151	64.20	12.15	-11.67	371.56	761.19	-1210.89	190.60	-299.08	292.35
55152	64.68	11.64	-11.67	400.47	783.09	-1207.70	179.83	-293.75	256.17
55153	66.78	9.50	-13.00	606.34	1067.99	-1072.61	167.62	-167.18	110.03
55154	65.74	9.45	-13.00	544.29	1041.82	-1070.95	177.59	-175.43	126.99
55155	64.70	9.40	-13.00	478.61	1018.64	-1065.46	186.34	-178.65	141.25
55156	66.59	10.51	-13.00	589.35	1075.00	-1117.64	177.18	-178.70	148.82
55157	65.68	10.36	-13.00	533.92	1051.63	-1109.37	184.93	-185.30	159.80
55158	64.78	10.20	-13.00	476.61	1029.79	-1098.81	191.56	-186.43	167.71
55159	66.40	11.51	-13.00	568.85	1063.81	-1158.72	189.12	-187.59	187.17
55160	65.63	11.26	-13.00	520.90	1047.09	-1143.21	194.21	-192.95	189.82
55161	64.86	10.99	-13.00	472.40	1032.11	-1127.61	197.27	-195.70	192.00
55162	77.89	9.90	-13.00	996.04	1227.06	-1089.88	101.81	-11.72	19.50
55163	76.76	9.89	-13.00	983.34	1224.17	-1088.16	104.33	-27.05	21.72
55164	75.64	9.87	-13.00	964.56	1218.08	-1086.54	107.42	-42.45	25.43
55165	74.52	9.85	-13.00	939.63	1208.88	-1084.97	111.21	-58.05	30.55
55166	73.40	9.82	-13.00	908.57	1196.65	-1083.37	115.85	-73.87	37.17
55167	72.28	9.78	-13.00	871.48	1181.50	-1081.69	121.51	-89.88	45.34
55168	71.17	9.74	-13.00	828.48	1163.53	-1079.86	128.33	-106.02	55.11
55169	70.06	9.69	-13.00	779.77	1142.87	-1077.85	136.50	-122.22	66.49
55170	68.95	9.63	-13.00	725.76	1119.62	-1075.74	146.15	-138.32	79.64
55171	67.85	9.56	-13.00	667.29	1093.98	-1073.80	156.90	-153.81	94.55
55172	77.87	11.69	-13.00	1007.66	1245.07	-1191.20	94.52	-13.60	76.67
55173	76.70	11.67	-13.00	993.28	1241.81	-1188.28	100.36	-32.06	78.40
55174	75.54	11.62	-13.00	972.02	1234.88	-1184.62	106.57	-50.35	81.61
55175	74.38	11.55	-13.00	943.88	1224.42	-1180.06	113.30	-68.62	86.22
55176	73.23	11.46	-13.00	909.06	1210.61	-1174.41	120.64	-86.78	92.20
55177	72.08	11.35	-13.00	867.88	1193.69	-1167.58	128.63	-104.63	99.43
55178	70.94	11.21	-13.00	820.70	1173.92	-1159.43	137.37	-121.95	107.78
55179	69.81	11.06	-13.00	768.00	1151.58	-1149.87	146.92	-138.46	117.12
55180	68.70	10.88	-13.00	710.42	1126.88	-1138.98	157.40	-153.88	127.44
55181	67.59	10.68	-13.00	649.15	1100.09	-1127.31	167.93	-167.82	138.51
55182	77.85	13.49	-13.00	1004.91	1211.03	-1291.98	86.87	-15.19	153.48
55183	76.64	13.45	-13.00	989.34	1208.31	-1287.99	97.22	-37.51	154.26
55184	75.43	13.37	-13.00	966.09	1201.91	-1282.18	107.70	-59.44	155.88
55185	74.24	13.26	-13.00	935.36	1192.11	-1274.33	118.35	-80.90	158.29
55186	73.05	13.10	-13.00	897.55	1179.26	-1264.32	129.10	-101.61	161.45
55187	71.87	12.91	-13.00	853.21	1163.76	-1252.04	139.94	-121.23	165.24
55188	70.71	12.69	-13.00	803.01	1146.01	-1237.38	150.83	-139.37	169.55
55189	69.57	12.43	-13.00	747.68	1126.48	-1220.17	161.76	-155.51	174.26
55190	68.44	12.13	-13.00	688.02	1105.55	-1200.28	172.80	-169.20	179.58
55191	67.34	11.80	-13.00	625.23	1083.18	-1178.10	182.67	-179.83	184.71
55192	77.82	15.29	-13.00	986.66	1121.65	-1384.34	79.46	-16.67	250.21
55193	76.57	15.23	-13.00	970.30	1120.25	-1379.21	95.76	-43.19	249.49
55194	75.33	15.12	-13.00	945.73	1116.21	-1371.18	111.77	-68.98	248.34
55195	74.09	14.96	-13.00	913.25	1109.82	-1360.03	127.34	-93.70	246.78
55196	72.87	14.75	-13.00	873.47	1101.45	-1345.72	142.23	-116.89	244.86
55197	71.67	14.48	-13.00	827.13	1091.52	-1328.20	156.26	-138.08	242.65
55198	70.48	14.16	-13.00	775.16	1080.48	-1307.42	169.33	-156.73	240.21
55199	69.32	13.80	-13.00	718.55	1068.82	-1283.21	181.37	-172.24	237.72
55200	68.18	13.38	-13.00	658.19	1057.07	-1255.33	192.36	-184.08	235.70
55201	67.08	12.92	-13.00	595.18	1044.49	-1223.66	201.06	-192.10	234.39
55202	77.80	17.08	-13.00	951.63	973.78	-1462.50	72.66	-17.67	352.04
55203	76.51	17.01	-13.00	935.04	974.78	-1456.38	96.15	-47.76	349.46
55204	75.23	16.87	-13.00	909.98	975.33	-1446.43	118.79	-76.79	344.92
55205	73.95	16.66	-13.00	876.88	975.64	-1432.50	140.11	-104.17	338.52
55206	72.70	16.39	-13.00	836.44	975.92	-1414.60	159.64	-129.32	330.48
55207	71.46	16.04	-13.00	789.58	976.40	-1392.74	177.06	-151.67	321.09
55208	70.25	15.64	-13.00	737.38	977.31	-1366.94	192.14	-170.66	310.73
55209	69.07	15.17	-13.00	681.02	978.91	-1337.15	204.76	-185.73	299.88
55210	67.93	14.63	-13.00	621.52	981.51	-1303.17	214.85	-196.54	289.36
55211	66.82	14.04	-13.00	560.00	984.37	-1264.71	221.65	-203.32	279.64
55212	77.78	18.88	-13.00	901.20	774.79	-1519.50	66.31	-17.38	433.63
55213	76.45	18.79	-13.00	885.00	779.04	-1512.87	97.64	-49.11	429.63
55214	75.12	18.62	-13.00	860.48	786.03	-1501.86	127.49	-79.59	422.52
55215	73.81	18.37	-13.00	828.08	795.72	-1486.39	154.96	-108.15	412.45
55216	72.52	18.03	-13.00	788.51	808.09	-1466.47	179.37	-134.18	399.73
55217	71.25	17.61	-13.00	742.76	822.94	-1442.14	200.23	-157.14	384.82
55218	70.02	17.11	-13.00	692.02	840.01	-1413.47	217.22	-176.50	368.29
55219	68.82	16.54	-13.00	637.60	859.04	-1380.46	230.16	-191.78	350.84
55220	67.67	15.88	-13.00	580.78	879.77	-1343.05	238.96	-202.70	333.31
55221	66.56	15.16	-13.00	522.80	901.31	-1301.12	243.32	-209.52	316.42
55222	61.65	9.56	-13.00	268.27	965.04	-1034.16	231.24	-169.67	167.79
55223	62.26	10.65	-13.00	298.73	967.75	-1082.41	229.38	-184.37	199.97
55224	62.94	11.70	-13.00	331.92	960.07	-1126.68	231.30	-199.78	228.15
55225	62.67	9.48	-13.00	335.54	982.61	-1046.19	212.32	-177.22	161.20
55226	63.09	10.44	-13.00	355.78	990.77	-1087.03	213.88	-187.77	189.91
55227	63.56	11.36	-13.00	376.90	988.32	-1123.48	217.87	-199.16	214.50
55228	63.68	9.41	-13.00	406.25	998.95	-1057.19	197.60	-180.49	152.94
55229	63.92	10.23	-13.00	414.82	1009.39	-1091.55	201.89	-188.62	178.07
55230	64.18	11.03	-13.00	425.37	1011.65	-1121.08	208.47	-195.09	199.77
55231	65.54	14.38	-13.00	467.42	920.99	-1256.44	243.42	-213.41	301.25
55232	65.85	13.43	-13.00	504.03	986.32	-1225.76	224.14	-207.17	270.52
55233	66.15	12.48	-13.00	539.41	1032.46	-1194.13	205.97	-197.07	232.77
55234	64.60	13.56	-13.00	416.92	937.94	-1211.11	239.20	-213.68	282.38
55235	65.01	12.81	-13.00	455.42	987.27	-1189.19	222.94	-208.51	257.22
55236	65.40	12.07	-13.00	493.89	1023.08	-1168.79	207.75	-201.18	226.90
55237	63.72	12.67	-13.00	371.64	948.92	-1167.82	234.22	-210.56	259.32
55238	64.20	12.15	-13.00	410.45	984.54	-1155.62	220.93	-205.91	240.00
55239	64.68	11.64	-13.00	449.98	1008.49	-1146.22	208.17	-201.01	214.25
55240	66.78	9.50	-14.33	713.98	1373.67	-1032.46	183.49	-63.67	124.50
55241	65.74	9.45	-14.33	631.07	1323.21	-1031.52	194.90	-66.79	142.02
55242	64.70	9.40	-14.33	544.14	1279.95	-1028.81	199.60	-65.67	155.95

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]
55243	66.59	10.51	-14.33	690.16	1374.20	-1078.00	203.55	-68.10	138.08
55244	65.68	10.36	-14.33	615.02	1326.34	-1072.36	211.59	-71.05	158.66
55245	64.78	10.20	-14.33	539.98	1283.33	-1065.16	211.18	-68.81	173.88
55246	66.40	11.51	-14.33	665.13	1366.09	-1119.84	225.88	-68.35	154.23
55247	65.63	11.26	-14.33	600.59	1334.03	-1107.95	227.56	-70.66	173.31
55248	64.86	10.99	-14.33	532.71	1291.31	-1097.97	228.32	-71.76	192.34
55249	77.89	9.90	-14.33	1215.41	1595.64	-1058.54	117.73	-3.59	54.78
55250	76.76	9.89	-14.33	1198.65	1591.88	-1056.77	116.87	-8.81	56.17
55251	75.64	9.87	-14.33	1174.69	1584.46	-1054.70	116.98	-14.13	58.48
55252	74.52	9.85	-14.33	1143.44	1573.27	-1052.37	118.29	-19.59	61.80
55253	73.40	9.82	-14.33	1104.71	1558.29	-1049.77	121.06	-25.22	66.19
55254	72.28	9.78	-14.33	1058.36	1539.46	-1046.91	125.57	-31.04	71.72
55255	71.17	9.74	-14.33	1004.25	1516.69	-1043.80	132.14	-37.04	78.49
55256	70.06	9.69	-14.33	942.27	1489.78	-1040.50	141.10	-43.25	86.63
55257	68.95	9.63	-14.33	872.39	1458.15	-1037.13	152.94	-49.82	96.42
55258	67.85	9.56	-14.33	795.14	1419.72	-1034.15	168.42	-57.02	109.26
55259	77.87	11.69	-14.33	1234.78	1608.50	-1144.93	109.99	-4.78	63.88
55260	76.70	11.67	-14.33	1215.54	1604.07	-1142.33	113.10	-11.28	65.31
55261	75.54	11.62	-14.33	1187.86	1595.06	-1138.73	117.16	-17.78	67.53
55262	74.38	11.55	-14.33	1151.80	1581.56	-1134.13	122.23	-24.33	70.81
55263	73.23	11.46	-14.33	1107.40	1563.78	-1128.52	128.49	-30.93	75.19
55264	72.08	11.35	-14.33	1054.81	1541.99	-1121.87	136.15	-37.50	80.71
55265	70.94	11.21	-14.33	994.29	1516.49	-1114.17	145.43	-43.96	87.44
55266	69.81	11.06	-14.33	926.23	1487.56	-1105.45	156.59	-50.21	95.50
55267	68.70	10.88	-14.33	851.07	1455.24	-1095.78	170.17	-56.25	105.08
55268	67.59	10.68	-14.33	769.44	1417.56	-1085.85	188.26	-62.74	119.42
55269	77.85	13.49	-14.33	1237.58	1567.86	-1229.10	102.45	-5.47	91.16
55270	76.64	13.45	-14.33	1216.36	1563.70	-1225.67	111.47	-13.51	92.26
55271	75.43	13.37	-14.33	1185.51	1554.60	-1220.53	121.16	-21.47	93.80
55272	74.24	13.26	-14.33	1145.25	1540.90	-1213.64	131.39	-29.31	96.14
55273	73.05	13.10	-14.33	1095.90	1523.07	-1204.99	142.18	-36.95	99.31
55274	71.87	12.91	-14.33	1037.98	1501.68	-1194.57	153.57	-44.25	103.36
55275	70.71	12.69	-14.33	972.24	1477.42	-1182.38	165.66	-51.02	108.36
55276	69.57	12.43	-14.33	899.66	1451.09	-1168.39	178.63	-57.00	114.48
55277	68.44	12.13	-14.33	821.44	1423.57	-1152.50	192.99	-61.82	121.99
55278	67.34	11.80	-14.33	738.45	1395.34	-1135.11	212.10	-65.57	135.54
55279	77.82	15.29	-14.33	1217.45	1451.55	-1310.79	95.29	-6.14	128.96
55280	76.57	15.23	-14.33	1194.90	1449.08	-1306.53	112.53	-15.98	129.39
55281	75.33	15.12	-14.33	1161.80	1442.64	-1299.81	129.81	-25.60	129.76
55282	74.09	14.96	-14.33	1118.51	1432.72	-1290.59	146.73	-34.86	130.42
55283	72.87	14.75	-14.33	1065.64	1419.92	-1278.89	163.06	-43.58	131.46
55284	71.67	14.48	-14.33	1004.10	1404.93	-1264.73	178.63	-51.55	132.95
55285	70.48	14.16	-14.33	935.07	1388.61	-1248.10	193.39	-58.54	135.08
55286	69.32	13.80	-14.33	860.02	1371.98	-1228.99	207.42	-64.20	138.15
55287	68.18	13.38	-14.33	780.70	1356.51	-1207.19	221.23	-67.92	142.68
55288	67.08	12.92	-14.33	698.07	1346.66	-1182.39	237.59	-69.64	154.30
55289	77.80	17.08	-14.33	1169.99	1248.30	-1389.57	88.77	-6.62	170.08
55290	76.51	17.01	-14.33	1147.01	1249.20	-1384.50	116.35	-18.11	169.63
55291	75.23	16.87	-14.33	1113.00	1248.91	-1376.26	143.00	-29.21	168.53
55292	73.95	16.66	-14.33	1068.46	1247.91	-1364.82	167.95	-39.68	167.10
55293	72.70	16.39	-14.33	1014.24	1246.64	-1350.19	190.62	-49.28	165.47
55294	71.46	16.04	-14.33	951.53	1245.59	-1332.43	210.62	-57.75	163.84
55295	70.25	15.64	-14.33	881.82	1245.34	-1311.55	227.71	-64.85	162.48
55296	69.07	15.17	-14.33	806.84	1246.66	-1287.57	241.86	-70.28	161.85
55297	67.93	14.63	-14.33	728.45	1250.99	-1260.29	253.41	-73.56	162.67
55298	66.82	14.04	-14.33	647.37	1262.70	-1229.38	263.27	-74.94	168.62
55299	77.78	18.88	-14.33	1095.06	965.87	-1464.78	82.69	-6.59	204.89
55300	76.45	18.79	-14.33	1072.71	971.45	-1458.99	121.77	-19.01	203.62
55301	75.12	18.62	-14.33	1039.54	980.39	-1449.27	158.76	-30.94	201.24
55302	73.81	18.37	-14.33	996.04	992.88	-1435.67	192.40	-42.09	197.95
55303	72.52	18.03	-14.33	943.12	1009.05	-1418.21	221.79	-52.18	193.89
55304	71.25	17.61	-14.33	882.08	1028.86	-1396.95	246.30	-61.01	189.31
55305	70.02	17.11	-14.33	814.54	1052.20	-1371.96	265.53	-68.34	184.58
55306	68.82	16.54	-14.33	742.36	1079.08	-1343.29	279.30	-73.96	180.14
55307	67.67	15.88	-14.33	667.42	1110.00	-1310.90	287.62	-77.62	176.67
55308	66.56	15.16	-14.33	590.77	1146.96	-1274.68	290.27	-79.68	175.89
55309	61.65	9.56	-14.33	256.89	1246.15	-1018.33	238.43	-63.74	135.69
55310	62.26	10.65	-14.33	292.68	1240.83	-1068.14	233.23	-69.81	146.34
55311	62.94	11.70	-14.33	337.22	1241.91	-1112.58	233.89	-78.75	161.28
55312	62.67	9.48	-14.33	349.53	1255.42	-1022.38	216.97	-63.90	149.00
55313	63.09	10.44	-14.33	372.04	1257.43	-1065.70	213.74	-67.47	162.89
55314	63.56	11.36	-14.33	402.34	1267.12	-1103.73	217.59	-74.92	178.80
55315	63.68	9.41	-14.33	445.46	1261.05	-1025.71	200.49	-65.02	157.82
55316	63.92	10.23	-14.33	454.06	1266.08	-1062.73	201.69	-67.20	174.77
55317	64.18	11.03	-14.33	464.70	1278.69	-1095.53	205.62	-69.95	193.69
55318	65.54	14.38	-14.33	517.85	1187.68	-1235.36	284.39	-81.46	179.53
55319	65.85	13.43	-14.33	574.54	1280.42	-1196.77	264.27	-75.64	180.78
55320	66.15	12.48	-14.33	626.66	1343.16	-1157.94	246.79	-70.13	173.67
55321	64.60	13.56	-14.33	450.88	1225.79	-1194.04	268.45	-82.79	181.25
55322	65.01	12.81	-14.33	509.49	1296.69	-1164.55	253.36	-76.83	190.55
55323	65.40	12.07	-14.33	565.45	1336.65	-1136.41	242.19	-72.17	189.34
55324	63.72	12.67	-14.33	391.14	1247.63	-1152.42	247.59	-84.06	178.02
55325	64.20	12.15	-14.33	448.24	1296.27	-1133.70	234.56	-77.85	193.00
55326	64.68	11.64	-14.33	504.37	1333.09	-1114.42	230.62	-73.20	197.70
55327	90.12	-9.50	-11.67	315.76	66.23	-204.51	138.12	0.43	-67.95
55328	91.16	-9.45	-11.67	304.10	74.05	-211.20	143.33	8.97	-59.28
55329	92.20	-9.40	-11.67	291.64	81.19	-219.49	148.24	20.04	-50.83
55330	90.31	-10.51	-11.67	295.47	33.84	-161.31	132.12	-5.54	-47.14
55331	91.22	-10.36	-11.67	288.23	44.60	-172.71	137.41	1.99	-42.66
55332	92.12	-10.20	-11.67	280.32	55.16	-185.15	142.37	11.69	-38.40
55333	90.50	-11.51	-11.67	276.96	5.71	-118.63	124.86	-10.39	-24.87
55334	91.27	-11.26	-11.67	273.65	18.35	-134.90	130.49	-4.40	-24.43
55335	92.04	-10.99	-11.67	269.61	31.67	-151.47	135.39	4.15	-23.84
55336	79.01	-9.90	-11.67	389.53	-3.72	-167.70	70.12	-3.83	-115.64
55337	80.14	-9.89	-11.67	384.72	0.22	-168.49	78.04	-4.06	-115.69
55338	81.26	-9.87	-11.67	379.30	4.91	-169.78	85.96	-4.75	-114.49
55339	82.38	-9.85	-11.67	373.33	10.39	-171.64	93.75	-5.77	-112.12
55340	83.50	-9.82	-11.67	366.86	16.64	-174.13	101.26	-6.93	-108.65
55341	84.62	-9.78	-11.67	359.92	23.62	-177.36	108.42	-8.04	-104.16



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]
55342	85.73	-9.74	-11.67	352.52	31.28	-181.39	115.13	-8.79	-98.73
55343	86.84	-9.69	-11.67	344.61	39.56	-186.26	121.35	-8.86	-92.41
55344	87.95	-9.63	-11.67	335.99	48.36	-191.90	127.15	-7.78	-85.23
55345	89.05	-9.56	-11.67	326.38	57.54	-198.20	132.70	-4.92	-77.38
55346	79.03	-11.69	-11.67	341.62	-64.33	-73.73	60.78	-4.59	-74.08
55347	80.20	-11.67	-11.67	337.47	-59.97	-75.57	68.67	-6.76	-74.43
55348	81.36	-11.62	-11.67	333.29	-54.21	-78.98	76.58	-9.21	-73.87
55349	82.52	-11.55	-11.67	329.11	-47.04	-84.00	84.40	-11.72	-72.49
55350	83.67	-11.46	-11.67	324.94	-38.52	-90.67	92.03	-14.03	-70.40
55351	84.82	-11.35	-11.67	320.76	-28.70	-99.06	99.40	-15.84	-67.68
55352	85.96	-11.21	-11.67	316.52	-17.68	-109.18	106.46	-16.83	-64.45
55353	87.09	-11.06	-11.67	312.14	-5.57	-120.98	113.20	-16.65	-60.77
55354	88.20	-10.88	-11.67	307.41	7.49	-134.20	119.72	-14.93	-56.77
55355	89.31	-10.68	-11.67	301.93	21.31	-148.47	126.20	-11.17	-52.57
55356	79.05	-13.49	-11.67	296.91	-106.52	21.76	51.54	-5.30	-27.15
55357	80.26	-13.45	-11.67	293.54	-102.23	18.79	58.94	-9.41	-27.87
55358	81.47	-13.37	-11.67	290.65	-96.22	13.19	66.42	-13.62	-28.23
55359	82.66	-13.26	-11.67	288.24	-88.49	4.93	73.91	-17.57	-28.28
55360	83.85	-13.10	-11.67	286.27	-79.09	-6.01	81.34	-20.93	-28.10
55361	85.03	-12.91	-11.67	284.66	-68.09	-19.64	88.69	-23.30	-27.73
55362	86.19	-12.69	-11.67	283.31	-55.56	-35.95	95.95	-24.31	-27.24
55363	87.33	-12.43	-11.67	282.11	-41.59	-54.87	103.16	-23.64	-26.64
55364	88.46	-12.13	-11.67	280.87	-26.22	-76.07	110.50	-21.06	-26.03
55365	89.56	-11.80	-11.67	279.15	-9.49	-98.89	118.09	-16.19	-25.82
55366	79.08	-15.29	-11.67	255.38	-128.76	110.93	42.63	-6.01	25.80
55367	80.33	-15.23	-11.67	252.92	-124.94	106.89	49.02	-11.91	24.55
55368	81.57	-15.12	-11.67	251.39	-119.41	99.26	55.61	-17.71	22.88
55369	82.81	-14.96	-11.67	250.75	-112.16	88.05	62.37	-22.95	20.79
55370	84.03	-14.75	-11.67	250.93	-103.22	73.28	69.30	-27.20	18.30
55371	85.23	-14.48	-11.67	251.78	-92.61	55.00	76.42	-30.03	15.48
55372	86.42	-14.16	-11.67	253.15	-80.39	33.25	83.75	-31.04	12.40
55373	87.58	-13.80	-11.67	254.88	-66.54	8.11	91.37	-29.96	9.22
55374	88.72	-13.38	-11.67	256.77	-50.94	-20.14	99.51	-26.69	5.96
55375	89.82	-12.92	-11.67	258.33	-33.42	-50.76	108.30	-21.24	2.56
55376	79.10	-17.08	-11.67	217.13	-131.88	189.11	34.22	-6.72	80.42
55377	80.39	-17.01	-11.67	215.63	-128.86	184.16	39.15	-13.92	78.60
55378	81.67	-16.87	-11.67	215.45	-124.48	174.89	44.43	-20.86	75.49
55379	82.95	-16.66	-11.67	216.54	-118.69	161.35	50.14	-27.02	71.14
55380	84.20	-16.39	-11.67	218.76	-111.46	143.59	56.33	-31.93	65.71
55381	85.44	-16.04	-11.67	221.92	-102.73	121.71	63.07	-35.14	59.37
55382	86.65	-15.64	-11.67	225.80	-92.44	95.80	70.44	-36.29	52.41
55383	87.83	-15.17	-11.67	230.18	-80.47	65.97	78.53	-35.15	45.13
55384	88.97	-14.63	-11.67	234.82	-66.52	32.41	87.51	-31.71	37.77
55385	90.08	-14.04	-11.67	239.22	-50.10	-4.27	97.53	-26.19	30.25
55386	79.12	-18.88	-11.67	181.96	-117.34	252.85	26.50	-7.38	126.87
55387	80.45	-18.79	-11.67	181.41	-115.36	247.36	29.68	-14.85	124.72
55388	81.78	-18.62	-11.67	182.51	-112.72	237.16	33.39	-22.06	120.63
55389	83.09	-18.37	-11.67	185.17	-109.26	222.32	37.83	-28.48	114.70
55390	84.38	-18.03	-11.67	189.21	-104.84	202.89	43.13	-33.63	107.12
55391	85.65	-17.61	-11.67	194.40	-99.25	178.97	49.43	-37.12	98.17
55392	86.88	-17.11	-11.67	200.46	-92.28	150.65	56.83	-38.60	88.19
55393	88.08	-16.54	-11.67	207.09	-83.63	118.00	65.42	-37.85	77.58
55394	89.23	-15.88	-11.67	213.99	-72.85	81.16	75.32	-34.83	66.67
55395	90.34	-15.16	-11.67	220.70	-59.26	40.46	86.63	-29.82	55.65
55396	95.25	-9.56	-11.67	241.91	92.69	-232.92	153.37	57.01	-20.93
55397	94.64	-10.65	-11.67	238.72	59.67	-182.86	144.74	35.32	-9.86
55398	93.96	-11.70	-11.67	235.73	29.03	-134.50	134.85	16.07	2.80
55399	94.23	-9.48	-11.67	261.13	89.18	-230.44	153.83	45.73	-31.72
55400	93.81	-10.44	-11.67	254.77	59.32	-187.18	145.70	28.55	-20.48
55401	93.34	-11.36	-11.67	248.88	31.82	-145.28	136.71	13.11	-7.45
55402	93.22	-9.41	-11.67	277.41	86.11	-226.34	152.34	33.65	-41.09
55403	92.98	-10.23	-11.67	269.25	59.77	-190.29	145.59	21.55	-30.75
55404	92.72	-11.03	-11.67	261.38	35.46	-155.19	138.29	9.66	-18.16
55405	91.36	-14.38	-11.67	226.51	-42.57	-2.38	98.91	-22.75	43.28
55406	91.05	-13.43	-11.67	242.86	-32.34	-40.39	107.91	-19.30	21.51
55407	90.75	-12.48	-11.67	259.04	-16.99	-78.62	116.40	-14.87	-1.51
55408	92.30	-13.56	-11.67	230.79	-22.25	-45.74	111.56	-13.53	30.54
55409	91.89	-12.81	-11.67	245.13	-13.44	-74.40	117.85	-11.30	12.76
55410	91.50	-12.07	-11.67	259.17	-1.54	-102.41	123.81	-8.67	-5.73
55411	93.18	-12.67	-11.67	233.24	1.25	-89.29	123.63	-1.41	16.89
55412	92.70	-12.15	-11.67	245.74	7.26	-108.06	127.20	-0.87	3.68
55413	92.22	-11.64	-11.67	258.16	14.34	-126.07	130.67	0.06	-9.58
55414	90.12	-9.50	-13.00	391.37	59.16	-218.51	174.64	-5.66	-3.94
55415	91.16	-9.45	-13.00	378.46	74.10	-219.82	183.76	1.23	5.27
55416	92.20	-9.40	-13.00	364.11	86.30	-223.47	194.39	11.50	12.23
55417	90.31	-10.51	-13.00	366.06	13.01	-175.80	166.51	-8.27	11.23
55418	91.22	-10.36	-13.00	358.18	29.71	-182.27	176.06	-2.38	17.18
55419	92.12	-10.20	-13.00	349.92	45.19	-190.11	186.67	6.14	21.02
55420	90.50	-11.51	-13.00	343.51	-24.08	-134.70	157.48	-8.42	24.14
55421	91.27	-11.26	-13.00	341.00	-6.64	-147.53	166.92	-4.36	26.61
55422	92.04	-10.99	-13.00	337.07	8.07	-160.57	179.13	1.79	26.63
55423	79.01	-9.90	-13.00	452.42	-52.29	-191.86	83.79	-1.83	-46.75
55424	80.14	-9.89	-13.00	447.61	-47.03	-193.18	93.97	-2.58	-46.64
55425	81.26	-9.87	-13.00	442.67	-40.53	-194.91	104.25	-3.65	-45.58
55426	82.38	-9.85	-13.00	437.64	-32.71	-197.05	114.43	-4.95	-43.64
55427	83.50	-9.82	-13.00	432.53	-23.53	-199.61	124.36	-6.36	-40.83
55428	84.62	-9.78	-13.00	427.33	-13.00	-202.59	133.92	-7.71	-37.21
55429	85.73	-9.74	-13.00	421.97	-1.11	-205.99	142.99	-8.84	-32.79
55430	86.84	-9.69	-13.00	416.26	12.12	-209.72	151.48	-9.54	-27.56
55431	87.95	-9.63	-13.00	409.82	26.77	-213.52	159.29	-9.64	-21.29
55432	89.05	-9.56	-13.00	401.85	42.89	-216.75	166.80	-8.77	-13.78
55433	79.03	-11.69	-13.00	397.66	-125.56	-101.91	73.18	-2.34	-22.66
55434	80.20	-11.67	-13.00	393.44	-119.88	-104.16	83.02	-4.39	-22.60
55435	81.36	-11.62	-13.00	389.76	-112.29	-107.74	93.00	-6.62	-21.76
55436	82.52	-11.55	-13.00	386.65	-102.76	-112.63	102.93	-8.89	-20.17
55437	83.67	-11.46	-13.00	384.03	-91.31	-118.84	112.71	-10.98	-17.88
55438	84.82	-11.35	-13.00	381.80	-77.96	-126.37	122.26	-12.69	-14.93
55439	85.96	-11.21	-13.00	379.78	-62.80	-135.22	131.53	-13.77	-11.37
55440	87.09	-11.06	-13.00	377.74	-45.88	-145.30	140.46	-14.00	-7.21

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]
55441	88.20	-10.88	-13.00	375.37	-27.17	-156.35	148.95	-13.27	-2.22
55442	89.31	-10.68	-13.00	371.94	-6.51	-167.40	157.73	-11.55	3.77
55443	79.05	-13.49	-13.00	348.24	-168.96	-12.63	62.68	-2.71	5.10
55444	80.26	-13.45	-13.00	344.73	-163.45	-15.82	71.65	-6.05	4.95
55445	81.47	-13.37	-13.00	342.36	-155.73	-21.16	80.83	-9.43	5.21
55446	82.66	-13.26	-13.00	341.10	-145.83	-28.65	90.08	-12.61	5.86
55447	83.85	-13.10	-13.00	340.81	-133.78	-38.29	99.38	-15.32	6.92
55448	85.03	-12.91	-13.00	341.25	-119.67	-50.09	108.70	-17.25	8.41
55449	86.19	-12.69	-13.00	342.14	-103.63	-64.06	118.04	-18.11	10.33
55450	87.33	-12.43	-13.00	343.15	-85.76	-80.21	127.37	-17.59	12.77
55451	88.46	-12.13	-13.00	344.06	-66.12	-98.55	136.64	-15.53	16.13
55452	89.56	-11.80	-13.00	344.50	-44.29	-118.26	147.01	-12.14	20.09
55453	79.08	-15.29	-13.00	303.67	-187.73	71.09	52.51	-3.08	40.23
55454	80.33	-15.23	-13.00	300.99	-182.89	67.00	60.05	-7.63	39.69
55455	81.57	-15.12	-13.00	299.93	-175.95	59.99	67.94	-12.07	38.98
55456	82.81	-14.96	-13.00	300.43	-166.91	50.08	76.14	-16.08	38.13
55457	84.03	-14.75	-13.00	302.27	-155.83	37.27	84.68	-19.31	37.22
55458	85.23	-14.48	-13.00	305.16	-142.80	21.59	93.61	-21.45	36.37
55459	86.42	-14.16	-13.00	308.70	-127.93	3.01	102.94	-22.13	35.72
55460	87.58	-13.80	-13.00	312.51	-111.36	-18.55	112.66	-21.03	35.53
55461	88.72	-13.38	-13.00	316.41	-93.24	-43.34	122.79	-17.97	36.41
55462	89.82	-12.92	-13.00	320.29	-72.76	-71.17	134.62	-13.44	38.45
55463	79.10	-17.08	-13.00	264.80	-182.55	150.02	42.92	-3.52	77.57
55464	80.39	-17.01	-13.00	262.96	-178.81	145.08	48.62	-8.93	76.58
55465	81.67	-16.87	-13.00	263.11	-173.52	136.52	54.85	-14.12	74.78
55466	82.95	-16.66	-13.00	265.12	-166.65	124.37	61.71	-18.71	72.25
55467	84.20	-16.39	-13.00	268.78	-158.19	108.65	69.32	-22.33	69.14
55468	85.44	-16.04	-13.00	273.75	-148.13	89.41	77.78	-24.66	65.64
55469	86.65	-15.64	-13.00	279.61	-136.48	66.64	87.15	-25.38	62.04
55470	87.83	-15.17	-13.00	285.97	-123.27	40.29	97.45	-24.23	58.74
55471	88.97	-14.63	-13.00	292.65	-108.60	10.09	108.76	-21.12	56.45
55472	90.08	-14.04	-13.00	299.54	-91.58	-24.12	122.09	-16.63	55.42
55473	79.12	-18.88	-13.00	231.28	-156.32	222.60	34.04	-3.98	109.11
55474	80.45	-18.79	-13.00	230.26	-153.90	216.97	37.71	-9.53	107.86
55475	81.78	-18.62	-13.00	231.42	-150.87	207.16	42.12	-14.85	105.32
55476	83.09	-18.37	-13.00	234.64	-147.09	193.19	47.51	-19.57	101.60
55477	84.38	-18.03	-13.00	239.72	-142.44	175.10	54.10	-23.34	96.86
55478	85.65	-17.61	-13.00	246.31	-136.71	152.93	62.06	-25.89	91.35
55479	86.88	-17.11	-13.00	254.01	-129.69	126.73	71.49	-26.94	85.40
55480	88.08	-16.54	-13.00	262.40	-121.15	96.48	82.45	-26.31	79.43
55481	89.23	-15.88	-13.00	271.20	-110.88	62.06	95.10	-23.95	74.05
55482	90.34	-15.16	-13.00	280.15	-97.97	23.34	110.01	-20.39	69.77
55483	95.25	-9.56	-13.00	306.34	97.18	-237.26	207.31	40.01	20.95
55484	94.64	-10.65	-13.00	302.59	50.24	-188.45	195.51	23.98	30.09
55485	93.96	-11.70	-13.00	298.91	10.07	-143.03	181.49	8.23	38.12
55486	94.23	-9.48	-13.00	329.87	94.06	-233.54	208.19	33.62	18.67
55487	93.81	-10.44	-13.00	321.64	49.48	-192.01	196.50	20.91	27.61
55488	93.34	-11.36	-13.00	314.84	11.56	-154.24	183.19	7.99	34.61
55489	93.22	-9.41	-13.00	348.07	92.53	-228.59	203.67	24.48	17.02
55490	92.98	-10.23	-13.00	337.50	51.73	-193.81	193.47	15.88	24.60
55491	92.72	-11.03	-13.00	327.52	15.47	-162.97	180.73	6.23	29.10
55492	91.36	-14.38	-13.00	288.23	-81.25	-18.43	127.28	-16.18	65.03
55493	91.05	-13.43	-13.00	305.65	-72.31	-59.11	137.17	-12.09	53.44
55494	90.75	-12.48	-13.00	322.95	-52.51	-97.14	146.90	-8.90	39.23
55495	92.30	-13.56	-13.00	294.07	-57.97	-61.13	146.54	-11.60	59.41
55496	91.89	-12.81	-13.00	309.95	-48.89	-92.24	153.08	-8.00	50.07
55497	91.50	-12.07	-13.00	324.86	-32.74	-119.24	159.14	-5.54	38.31
55498	93.18	-12.67	-13.00	296.63	-26.62	-102.38	165.45	-5.13	49.82
55499	92.70	-12.15	-13.00	311.10	-20.38	-122.90	168.63	-2.53	43.21
55500	92.22	-11.64	-13.00	324.84	-5.19	-138.60	171.95	-0.56	34.53
55501	90.12	-9.50	-14.33	470.85	19.89	-225.26	211.42	-4.63	84.80
55502	91.16	-9.45	-14.33	459.48	56.28	-226.16	224.71	-1.69	98.52
55503	92.20	-9.40	-14.33	444.33	85.35	-228.37	245.80	4.89	108.84
55504	90.31	-10.51	-14.33	442.50	-26.60	-180.35	194.59	-4.99	88.85
55505	91.22	-10.36	-14.33	436.57	11.19	-185.68	208.68	-2.80	106.63
55506	92.12	-10.20	-14.33	426.84	44.72	-192.22	231.92	2.96	119.68
55507	90.50	-11.51	-14.33	413.47	-77.75	-138.27	178.32	-1.26	95.03
55508	91.27	-11.26	-14.33	412.24	-47.44	-149.62	195.07	0.32	113.56
55509	92.04	-10.99	-14.33	411.04	-7.97	-159.72	213.97	3.86	129.78
55510	79.01	-9.90	-14.33	511.31	-150.24	-197.29	96.93	0.65	37.22
55511	80.14	-9.89	-14.33	506.08	-143.63	-198.99	110.33	0.26	37.71
55512	81.26	-9.87	-14.33	501.28	-135.44	-201.08	123.78	-0.28	38.83
55513	82.38	-9.85	-14.33	496.96	-125.41	-203.53	137.08	-0.92	40.65
55514	83.50	-9.82	-14.33	493.16	-113.41	-206.33	150.02	-1.61	43.21
55515	84.62	-9.78	-14.33	489.86	-99.32	-209.46	162.45	-2.30	46.54
55516	85.73	-9.74	-14.33	486.94	-82.97	-212.88	174.20	-2.93	50.71
55517	86.84	-9.69	-14.33	484.19	-64.10	-216.54	185.07	-3.45	55.86
55518	87.95	-9.63	-14.33	481.32	-42.04	-220.26	194.73	-3.97	62.28
55519	89.05	-9.56	-14.33	477.42	-14.59	-223.57	202.49	-4.71	71.41
55520	79.03	-11.69	-14.33	451.23	-213.25	-113.03	85.13	0.15	31.59
55521	80.20	-11.67	-14.33	446.54	-206.22	-115.51	97.98	-0.76	32.28
55522	81.36	-11.62	-14.33	443.17	-196.94	-119.12	110.74	-1.74	33.46
55523	82.52	-11.55	-14.33	441.09	-185.24	-123.82	123.37	-2.75	35.38
55524	83.67	-11.46	-14.33	440.21	-171.10	-129.60	135.75	-3.68	38.09
55525	84.82	-11.35	-14.33	440.34	-154.57	-136.44	147.77	-4.47	41.65
55526	85.96	-11.21	-14.33	441.19	-135.72	-144.33	159.31	-4.99	46.17
55527	87.09	-11.06	-14.33	442.35	-114.56	-153.22	170.19	-5.16	51.81
55528	88.20	-10.88	-14.33	443.47	-90.79	-162.98	179.93	-5.00	58.89
55529	89.31	-10.68	-14.33	444.11	-62.03	-172.98	186.41	-5.14	70.77
55530	79.05	-13.49	-14.33	395.33	-258.28	-31.13	73.23	0.09	38.97
55531	80.26	-13.45	-14.33	391.38	-251.50	-34.39	84.83	-1.30	39.64
55532	81.47	-13.37	-14.33	389.52	-241.94	-39.48	96.34	-2.70	40.53
55533	82.66	-13.26	-14.33	389.66	-229.58	-46.35	107.87	-4.02	41.99
55534	83.85	-13.10	-14.33	391.57	-214.53	-54.98	119.40	-5.14	44.11
55535	85.03	-12.91	-14.33	394.90	-196.96	-65.36	130.90	-5.95	46.97
55536	86.19	-12.69	-14.33	399.13	-177.12	-77.48	142.29	-6.30	50.73
55537	87.33	-12.43	-14.33	403.58	-155.31	-91.34	153.42	-5.99	55.63
55538	88.46	-12.13	-14.33	407.47	-131.89	-107.00	163.77	-4.72	62.03
55539	89.56	-11.80	-14.33	410.63	-106.67	-124.17	169.96	-2.78	74.89

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]
55540	79.08	-15.29	-14.33	346.49	-275.13	48.59	61.83	-0.05	51.50
55541	80.33	-15.23	-14.33	343.37	-269.26	44.53	71.41	-1.96	52.00
55542	81.57	-15.12	-14.33	342.93	-260.64	37.99	81.06	-3.80	52.46
55543	82.81	-14.96	-14.33	345.03	-249.35	28.99	91.05	-5.45	53.27
55544	84.03	-14.75	-14.33	349.33	-235.52	17.55	101.48	-6.77	54.52
55545	85.23	-14.48	-14.33	355.35	-219.36	3.71	112.39	-7.64	56.35
55546	86.42	-14.16	-14.33	362.42	-201.20	-12.51	123.77	-7.87	58.96
55547	87.58	-13.80	-14.33	369.70	-181.49	-31.15	135.44	-7.23	62.70
55548	88.72	-13.38	-14.33	376.19	-161.15	-52.39	146.87	-5.17	68.15
55549	89.82	-12.92	-14.33	381.87	-144.27	-76.70	155.30	-1.68	80.83
55550	79.10	-17.08	-14.33	306.60	-258.85	127.36	51.13	-0.25	65.56
55551	80.39	-17.01	-14.33	304.31	-254.53	122.52	58.01	-2.55	65.77
55552	81.67	-16.87	-14.33	305.03	-248.19	114.53	65.30	-4.71	65.75
55553	82.95	-16.66	-14.33	308.61	-239.94	103.40	73.40	-6.59	65.82
55554	84.20	-16.39	-14.33	314.65	-229.85	89.18	82.54	-8.06	66.09
55555	85.44	-16.04	-14.33	322.62	-218.03	71.89	92.87	-8.95	66.72
55556	86.65	-15.64	-14.33	331.82	-204.67	51.58	104.44	-9.12	67.97
55557	87.83	-15.17	-14.33	341.46	-190.16	28.24	117.18	-8.38	70.23
55558	88.97	-14.63	-14.33	350.74	-175.56	1.68	130.75	-6.32	74.23
55559	90.08	-14.04	-14.33	359.92	-165.03	-28.59	144.40	-3.05	83.64
55560	79.12	-18.88	-14.33	275.83	-211.05	205.17	41.21	-0.47	78.52
55561	80.45	-18.79	-14.33	274.27	-208.64	199.57	45.07	-2.85	78.42
55562	81.78	-18.62	-14.33	275.77	-205.69	190.13	49.79	-5.11	77.93
55563	83.09	-18.37	-14.33	280.22	-202.24	176.89	55.86	-7.07	77.24
55564	84.38	-18.03	-14.33	287.26	-198.21	159.89	63.66	-8.62	76.46
55565	85.65	-17.61	-14.33	296.38	-193.48	139.18	73.42	-9.63	75.75
55566	86.88	-17.11	-14.33	306.96	-187.92	114.82	85.32	-9.99	75.35
55567	88.08	-16.54	-14.33	318.32	-181.57	86.86	99.44	-9.60	75.60
55568	89.23	-15.88	-14.33	329.86	-174.91	55.25	115.84	-8.29	77.08
55569	90.34	-15.16	-14.33	341.81	-170.00	19.78	135.00	-6.42	81.57
55570	95.25	-9.56	-14.33	379.61	56.71	-234.91	284.47	17.76	80.86
55571	94.64	-10.65	-14.33	378.39	7.62	-184.96	273.66	10.92	81.33
55572	93.96	-11.70	-14.33	372.06	-53.63	-139.94	259.11	2.06	88.38
55573	94.23	-9.48	-14.33	407.22	69.27	-233.48	281.54	18.05	95.99
55574	93.81	-10.44	-14.33	400.09	22.34	-190.07	273.22	13.25	101.39
55575	93.34	-11.36	-14.33	388.03	-38.16	-151.75	258.58	5.06	110.57
55576	93.22	-9.41	-14.33	428.78	85.57	-231.23	272.20	14.12	107.72
55577	92.98	-10.23	-14.33	417.31	42.76	-194.23	264.66	11.81	117.25
55578	92.72	-11.03	-14.33	406.44	-13.42	-161.28	253.73	6.21	128.58
55579	91.36	-14.38	-14.33	353.52	-165.53	-18.79	160.85	-4.92	88.19
55580	91.05	-13.43	-14.33	369.45	-157.32	-60.16	164.77	-0.41	97.43
55581	90.75	-12.48	-14.33	387.48	-131.41	-100.16	168.03	1.44	99.73
55582	92.30	-13.56	-14.33	362.25	-152.67	-59.28	193.97	-4.72	95.20
55583	91.89	-12.81	-14.33	376.19	-143.63	-91.54	193.40	0.33	111.07
55584	91.50	-12.07	-14.33	391.26	-113.02	-120.87	190.04	2.67	116.99
55585	93.18	-12.67	-14.33	366.79	-120.17	-100.22	230.73	-4.71	96.48
55586	92.70	-12.15	-14.33	380.55	-111.07	-121.89	228.41	-0.11	117.04
55587	92.22	-11.64	-14.33	394.53	-95.21	-142.31	217.93	3.54	130.38
55588	66.76	-9.49	-14.33	534.88	-117.46	-195.87	21.54	-6.94	95.13
55589	65.73	-9.44	-14.33	520.71	-102.46	-193.66	18.13	-11.90	109.74
55590	64.69	-9.39	-14.33	501.15	-96.98	-192.78	6.81	-20.67	120.84
55591	66.54	-10.47	-14.33	510.10	-163.04	-151.81	16.21	-7.00	99.85
55592	65.64	-10.33	-14.33	500.74	-144.24	-154.19	11.41	-10.66	118.61
55593	64.75	-10.18	-14.33	486.10	-131.36	-157.84	-1.97	-18.25	132.28
55594	66.34	-11.46	-14.33	481.85	-210.86	-109.86	10.19	-10.58	105.90
55595	65.57	-11.21	-14.33	477.01	-197.34	-118.62	2.58	-13.20	125.52
55596	64.82	-10.96	-14.33	471.14	-175.72	-126.18	-5.97	-17.86	142.80
55597	77.88	-9.89	-14.33	516.91	-155.12	-196.15	84.13	0.88	37.40
55598	76.75	-9.88	-14.33	522.85	-158.00	-195.47	71.89	1.14	38.69
55599	75.61	-9.86	-14.33	528.61	-159.05	-195.02	60.27	1.20	40.82
55600	74.49	-9.83	-14.33	534.02	-158.69	-194.84	49.60	1.02	43.67
55601	73.37	-9.80	-14.33	538.85	-157.15	-194.92	40.17	0.60	47.26
55602	72.25	-9.76	-14.33	542.81	-154.57	-195.25	32.21	-0.11	51.63
55603	71.14	-9.71	-14.33	545.59	-151.09	-195.79	25.96	-1.12	56.85
55604	70.03	-9.66	-14.33	546.85	-146.66	-196.48	21.68	-2.42	63.05
55605	68.93	-9.60	-14.33	546.21	-140.88	-197.12	19.74	-3.86	70.53
55606	67.83	-9.54	-14.33	542.77	-131.69	-197.26	20.92	-5.10	80.72
55607	77.85	-11.68	-14.33	457.47	-217.70	-112.09	72.97	0.96	31.41
55608	76.65	-11.64	-14.33	465.23	-219.50	-112.56	61.55	1.60	32.51
55609	75.46	-11.58	-14.33	473.46	-219.03	-113.96	50.47	2.03	34.77
55610	74.29	-11.50	-14.33	481.92	-216.68	-116.26	40.25	2.15	37.82
55611	73.13	-11.40	-14.33	490.24	-212.82	-119.48	31.17	1.91	41.70
55612	71.98	-11.28	-14.33	497.95	-207.81	-123.60	23.46	1.23	46.46
55613	70.85	-11.15	-14.33	504.57	-202.00	-128.60	17.37	0.06	52.21
55614	69.73	-10.99	-14.33	509.59	-195.65	-134.45	13.19	-1.63	59.11
55615	68.62	-10.82	-14.33	512.64	-188.63	-140.98	11.53	-3.71	67.46
55616	67.53	-10.63	-14.33	513.41	-178.82	-147.58	14.75	-5.38	80.63
55617	77.82	-13.48	-14.33	401.67	-262.14	-30.19	62.39	1.36	38.51
55618	76.57	-13.42	-14.33	410.50	-263.15	-31.46	52.34	2.41	39.18
55619	75.34	-13.32	-14.33	420.59	-261.68	-34.37	42.38	3.20	40.98
55620	74.12	-13.19	-14.33	431.52	-258.09	-38.88	33.01	3.59	43.47
55621	72.92	-13.03	-14.33	442.76	-252.84	-44.99	24.48	3.49	46.72
55622	71.75	-12.83	-14.33	453.70	-246.47	-52.66	17.04	2.79	50.82
55623	70.59	-12.61	-14.33	463.62	-239.52	-61.89	10.92	1.38	55.90
55624	69.46	-12.35	-14.33	471.74	-232.58	-72.69	6.48	-0.86	62.21
55625	68.35	-12.06	-14.33	477.36	-226.29	-85.08	4.41	-4.14	70.09
55626	67.26	-11.74	-14.33	480.65	-220.70	-98.79	8.44	-7.91	84.49
55627	77.80	-15.28	-14.33	352.54	-278.38	49.67	53.03	1.77	50.95
55628	76.50	-15.20	-14.33	361.69	-279.22	47.86	44.92	3.27	51.19
55629	75.23	-15.07	-14.33	372.81	-277.84	43.66	36.64	4.46	52.32
55630	73.98	-14.90	-14.33	385.37	-274.56	37.13	28.55	5.17	53.97
55631	72.74	-14.67	-14.33	398.71	-269.83	28.30	20.81	5.27	56.23
55632	71.54	-14.40	-14.33	412.08	-264.23	17.22	13.62	4.63	59.22
55633	70.36	-14.08	-14.33	424.61	-258.44	3.91	7.24	3.10	63.17
55634	69.21	-13.72	-14.33	435.37	-253.30	-11.67	2.07	0.49	68.40
55635	68.09	-13.31	-14.33	443.38	-250.05	-29.71	-1.10	-3.65	75.48
55636	67.00	-12.86	-14.33	448.87	-253.21	-50.69	0.69	-9.15	89.91
55637	77.78	-17.07	-14.33	312.10	-261.53	128.69	45.01	1.98	65.12
55638	76.46	-16.99	-14.33	320.88	-262.82	126.53	39.34	3.86	65.00

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]
55639	75.15	-16.84	-14.33	332.16	-262.82	121.22	33.26	5.39	65.39
55640	73.86	-16.62	-14.33	345.33	-261.71	112.82	26.84	6.38	66.07
55641	72.60	-16.34	-14.33	359.73	-259.85	101.40	20.11	6.67	67.15
55642	71.36	-15.99	-14.33	374.54	-257.72	86.99	13.18	6.12	68.81
55643	70.16	-15.58	-14.33	388.87	-255.91	69.64	6.27	4.60	71.32
55644	68.99	-15.11	-14.33	401.81	-255.26	49.33	-0.22	1.93	75.07
55645	67.85	-14.58	-14.33	412.54	-257.28	25.88	-5.66	-2.22	80.77
55646	66.76	-14.00	-14.33	421.38	-266.42	-1.22	-8.96	-7.69	92.02
55647	77.77	-18.88	-14.33	280.58	-213.26	206.79	38.07	1.88	78.32
55648	76.43	-18.79	-14.33	288.43	-215.42	204.43	35.09	3.93	77.98
55649	75.09	-18.61	-14.33	298.99	-217.81	198.17	31.46	5.60	77.72
55650	73.77	-18.35	-14.33	311.76	-220.50	188.08	26.93	6.75	77.45
55651	72.48	-18.01	-14.33	326.13	-223.68	174.20	21.37	7.23	77.29
55652	71.22	-17.59	-14.33	341.35	-227.60	156.59	14.78	6.92	77.44
55653	69.98	-17.09	-14.33	356.62	-232.55	135.30	7.29	5.71	78.17
55654	68.79	-16.51	-14.33	371.14	-239.08	110.37	-0.84	3.49	79.83
55655	67.64	-15.87	-14.33	384.21	-248.19	81.76	-9.25	0.13	82.97
55656	66.54	-15.15	-14.33	396.01	-262.44	49.25	-17.94	-4.02	89.35
55657	61.65	-9.56	-14.33	419.76	-212.00	-191.14	-15.62	-40.74	92.76
55658	62.26	-10.65	-14.33	418.84	-230.28	-143.22	-44.89	-32.44	95.69
55659	62.93	-11.69	-14.33	413.33	-258.78	-100.72	-64.19	-21.04	103.52
55660	62.66	-9.48	-14.33	452.55	-168.66	-192.57	-16.36	-38.17	107.60
55661	63.08	-10.42	-14.33	446.55	-195.27	-151.13	-41.27	-32.47	114.67
55662	63.54	-11.34	-14.33	435.42	-233.46	-114.86	-56.23	-22.45	124.60
55663	63.67	-9.40	-14.33	479.13	-123.91	-193.12	-11.91	-31.84	119.39
55664	63.90	-10.21	-14.33	468.99	-154.59	-157.73	-30.54	-28.85	130.06
55665	64.15	-11.00	-14.33	459.34	-196.79	-126.09	-44.84	-22.15	142.21
55666	65.52	-14.37	-14.33	405.86	-280.23	13.46	-30.30	-7.88	98.13
55667	65.80	-13.39	-14.33	428.74	-279.63	-29.92	-16.96	-12.28	107.70
55668	66.09	-12.43	-14.33	452.59	-259.65	-71.21	-1.38	-13.89	110.51
55669	64.59	-13.54	-14.33	411.80	-294.11	-24.55	-46.96	-10.43	107.45
55670	64.97	-12.78	-14.33	432.30	-288.64	-58.86	-31.59	-14.68	123.15
55671	65.35	-12.03	-14.33	452.70	-259.50	-89.57	-12.48	-16.04	129.15
55672	63.71	-12.66	-14.33	412.27	-292.08	-63.11	-63.43	-12.34	111.14
55673	64.17	-12.13	-14.33	432.48	-281.13	-86.81	-49.87	-15.89	130.88
55674	64.64	-11.61	-14.33	451.50	-262.23	-108.84	-27.33	-17.96	143.27
55675	66.76	-9.49	-13.00	448.29	-49.87	-193.40	21.06	-36.93	18.95
55676	65.73	-9.44	-13.00	434.43	-51.22	-191.11	19.07	-49.93	30.15
55677	64.69	-9.39	-13.00	418.30	-56.74	-191.02	15.65	-66.39	38.91
55678	66.54	-10.47	-13.00	423.63	-94.18	-152.05	10.18	-35.09	35.16
55679	65.64	-10.33	-13.00	414.26	-92.06	-155.17	7.56	-46.44	43.16
55680	64.75	-10.18	-13.00	404.08	-92.22	-159.59	4.54	-60.47	48.74
55681	66.34	-11.46	-13.00	399.61	-128.30	-111.76	0.63	-35.07	48.64
55682	65.57	-11.21	-13.00	395.46	-123.69	-121.70	-1.65	-43.95	53.16
55683	64.82	-10.96	-13.00	389.24	-122.61	-131.88	-5.92	-54.84	55.19
55684	77.88	-9.89	-13.00	457.09	-56.08	-191.12	73.89	-1.47	-45.97
55685	76.75	-9.88	-13.00	461.52	-58.47	-190.84	64.32	-1.36	-44.09
55686	75.61	-9.86	-13.00	465.33	-59.66	-190.77	55.38	-1.81	-41.16
55687	74.49	-9.83	-13.00	468.39	-59.88	-190.95	47.17	-2.88	-37.19
55688	73.37	-9.80	-13.00	470.55	-59.32	-191.42	39.88	-4.67	-32.25
55689	72.25	-9.76	-13.00	471.61	-58.16	-192.15	33.67	-7.27	-26.37
55690	71.14	-9.71	-13.00	471.35	-56.58	-193.12	28.70	-10.80	-19.60
55691	70.03	-9.66	-13.00	469.51	-54.76	-194.19	25.10	-15.34	-11.92
55692	68.93	-9.60	-13.00	465.63	-52.77	-195.05	23.01	-20.95	-3.17
55693	67.83	-9.54	-13.00	458.83	-50.61	-195.02	22.03	-27.87	6.81
55694	77.85	-11.68	-13.00	402.77	-128.99	-101.44	63.53	-0.62	-22.04
55695	76.65	-11.64	-13.00	408.48	-130.34	-102.60	54.27	0.65	-20.47
55696	75.46	-11.58	-13.00	414.13	-129.99	-104.82	45.56	1.24	-17.81
55697	74.29	-11.50	-13.00	419.52	-128.13	-108.11	37.52	0.99	-14.16
55698	73.13	-11.40	-13.00	424.39	-125.01	-112.47	30.34	-0.26	-9.61
55699	71.98	-11.28	-13.00	428.46	-120.90	-117.90	24.16	-2.68	-4.24
55700	70.85	-11.15	-13.00	431.44	-116.04	-124.36	19.13	-6.42	1.90
55701	69.73	-10.99	-13.00	433.00	-110.68	-131.71	15.40	-11.58	8.76
55702	68.62	-10.82	-13.00	432.80	-104.91	-139.63	13.16	-18.14	16.54
55703	67.53	-10.63	-13.00	430.03	-98.68	-147.13	11.76	-25.99	25.29
55704	77.82	-13.48	-13.00	353.30	-172.08	-12.17	53.91	0.35	5.54
55705	76.57	-13.42	-13.00	359.66	-172.97	-14.31	45.48	2.87	6.51
55706	75.34	-13.32	-13.00	366.60	-171.94	-18.39	37.51	4.53	8.33
55707	74.12	-13.19	-13.00	373.79	-169.21	-24.40	30.04	5.12	10.91
55708	72.92	-13.03	-13.00	380.87	-165.09	-32.32	23.23	4.39	14.21
55709	71.75	-12.83	-13.00	387.45	-159.91	-42.12	17.22	2.10	18.21
55710	70.59	-12.61	-13.00	393.11	-153.99	-53.78	12.17	-1.98	22.92
55711	69.46	-12.35	-13.00	397.47	-147.64	-67.27	8.20	-8.04	28.38
55712	68.35	-12.06	-13.00	400.30	-141.13	-82.48	5.53	-16.06	34.92
55713	67.26	-11.74	-13.00	401.25	-134.09	-98.61	3.20	-25.79	42.04
55714	77.80	-15.28	-13.00	308.36	-190.52	71.75	45.22	1.27	40.49
55715	76.50	-15.20	-13.00	314.85	-191.34	69.02	38.20	4.97	40.65
55716	75.23	-15.07	-13.00	322.52	-190.37	63.46	31.45	7.69	41.12
55717	73.98	-14.90	-13.00	330.96	-187.88	55.13	24.94	9.11	41.92
55718	72.74	-14.67	-13.00	339.74	-184.15	44.09	18.77	8.93	43.07
55719	71.54	-14.40	-13.00	348.37	-179.54	30.39	13.06	6.86	44.69
55720	70.36	-14.08	-13.00	356.35	-174.40	14.07	7.96	2.61	46.94
55721	69.21	-13.72	-13.00	363.24	-169.11	-4.93	3.67	-4.07	50.03
55722	68.09	-13.31	-13.00	368.88	-164.07	-26.76	0.36	-13.20	54.51
55723	67.00	-12.86	-13.00	373.21	-158.74	-51.23	-3.08	-24.25	60.31
55724	77.78	-17.07	-13.00	268.89	-184.99	150.99	37.58	1.76	77.72
55725	76.46	-16.99	-13.00	275.06	-186.10	147.96	32.41	6.34	77.11
55726	75.15	-16.84	-13.00	282.89	-186.02	141.29	27.28	9.87	76.13
55727	73.86	-16.62	-13.00	291.96	-184.96	131.04	22.03	11.99	74.90
55728	72.60	-16.34	-13.00	301.81	-183.14	117.31	16.69	12.36	73.57
55729	71.36	-15.99	-13.00	311.94	-180.83	100.17	11.34	10.66	72.37
55730	70.16	-15.58	-13.00	321.83	-178.31	79.67	6.12	6.63	71.63
55731	68.99	-15.11	-13.00	331.03	-175.92	55.78	1.25	0.04	71.74
55732	67.85	-14.58	-13.00	339.38	-174.03	28.31	-3.11	-9.08	73.37
55733	66.76	-14.00	-13.00	346.83	-172.09	-2.88	-7.69	-20.13	76.63
55734	77.77	-18.88	-13.00	234.64	-158.42	223.91	30.86	1.47	109.19
55735	76.43	-18.79	-13.00	240.13	-160.06	220.84	27.75	6.28	108.09
55736	75.09	-18.61	-13.00	247.58	-161.43	213.50	24.42	10.07	106.10
55737	73.77	-18.35	-13.00	256.65	-162.69	201.94	20.61	12.53	103.35

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]
55738	72.48	-18.01	-13.00	266.94	-163.90	186.22	16.25	13.33	100.08
55739	71.22	-17.59	-13.00	277.95	-165.15	166.40	11.35	12.18	96.61
55740	69.98	-17.09	-13.00	289.19	-166.51	142.55	6.03	8.83	93.35
55741	68.79	-16.51	-13.00	300.20	-168.11	114.69	0.47	3.09	90.77
55742	67.64	-15.87	-13.00	310.70	-170.10	82.75	-5.15	-5.04	89.46
55743	66.54	-15.15	-13.00	320.51	-172.03	46.65	-11.05	-15.02	89.88
55744	61.65	-9.56	-13.00	353.10	-107.76	-193.45	15.64	-111.47	51.34
55745	62.26	-10.65	-13.00	346.48	-131.54	-148.76	-5.20	-91.32	65.12
55746	62.93	-11.69	-13.00	340.42	-147.07	-107.63	-18.09	-69.95	74.31
55747	62.66	-9.48	-13.00	378.82	-88.72	-193.86	11.92	-99.31	47.51
55748	63.08	-10.42	-13.00	369.53	-117.64	-155.77	-3.52	-84.18	59.50
55749	63.54	-11.34	-13.00	361.21	-138.59	-121.36	-13.59	-67.55	67.65
55750	63.67	-9.40	-13.00	399.44	-70.12	-192.68	12.56	-84.74	44.57
55751	63.90	-10.21	-13.00	388.42	-101.11	-160.47	1.33	-74.85	54.04
55752	64.15	-11.00	-13.00	378.15	-126.44	-131.89	-5.98	-63.41	59.76
55753	65.52	-14.37	-13.00	328.73	-172.10	7.58	-16.94	-26.03	90.22
55754	65.80	-13.39	-13.00	352.65	-168.47	-34.92	-12.39	-31.06	78.82
55755	66.09	-12.43	-13.00	375.42	-152.78	-74.06	-6.54	-34.82	64.43
55756	64.59	-13.54	-13.00	334.86	-168.53	-32.38	-22.45	-37.49	89.61
55757	64.97	-12.78	-13.00	356.63	-161.72	-65.27	-16.57	-41.02	79.15
55758	65.35	-12.03	-13.00	376.21	-146.35	-93.45	-9.64	-42.91	66.14
55759	63.71	-12.66	-13.00	337.55	-159.13	-70.50	-24.51	-50.51	84.48
55760	64.17	-12.13	-13.00	357.42	-151.27	-92.89	-18.27	-52.34	75.42
55761	64.64	-11.61	-13.00	374.98	-134.02	-110.11	-11.58	-52.75	64.11
55762	66.76	-9.49	-11.67	374.18	-15.42	-187.47	18.48	-67.15	-35.23
55763	65.73	-9.44	-11.67	363.44	-18.91	-189.73	18.06	-84.72	-23.73
55764	64.69	-9.39	-11.67	351.35	-24.02	-192.83	18.18	-104.67	-12.70
55765	66.54	-10.47	-11.67	352.34	-45.70	-146.52	8.60	-62.37	-12.88
55766	65.64	-10.33	-11.67	345.55	-45.16	-153.85	8.19	-77.94	-5.37
55767	64.75	-10.18	-11.67	337.90	-45.50	-161.56	8.70	-95.52	1.56
55768	66.34	-11.46	-11.67	330.60	-70.64	-105.46	0.40	-57.58	10.31
55769	65.57	-11.21	-11.67	327.54	-67.11	-118.16	0.05	-70.63	13.84
55770	64.82	-10.96	-11.67	323.57	-63.38	-130.63	1.12	-85.95	17.41
55771	77.88	-9.89	-11.67	393.72	-6.73	-167.57	62.33	-4.19	-114.46
55772	76.75	-9.88	-11.67	397.24	-8.90	-168.02	54.74	-5.05	-111.91
55773	75.61	-9.86	-11.67	399.80	-10.36	-168.78	47.60	-6.69	-108.03
55774	74.49	-9.83	-11.67	401.34	-11.27	-169.91	41.01	-9.22	-102.81
55775	73.37	-9.80	-11.67	401.76	-11.75	-171.46	35.12	-12.78	-96.33
55776	72.25	-9.76	-11.67	401.01	-11.96	-173.46	30.04	-17.52	-88.64
55777	71.14	-9.71	-11.67	398.97	-12.04	-175.94	25.90	-23.62	-79.85
55778	70.03	-9.66	-11.67	395.51	-12.15	-178.81	22.78	-31.31	-70.04
55779	68.93	-9.60	-11.67	390.39	-12.48	-181.88	20.65	-40.89	-59.31
55780	67.83	-9.54	-11.67	383.27	-13.21	-184.94	19.38	-52.80	-47.94
55781	77.85	-11.68	-11.67	346.00	-66.96	-73.93	52.96	-2.94	-73.07
55782	76.65	-11.64	-11.67	350.43	-68.05	-76.08	45.39	-2.01	-71.12
55783	75.46	-11.58	-11.67	354.35	-67.91	-79.53	38.22	-2.05	-68.01
55784	74.29	-11.50	-11.67	357.67	-66.69	-84.29	31.61	-3.28	-63.79
55785	73.13	-11.40	-11.67	360.27	-64.56	-90.37	25.68	-5.91	-58.57
55786	71.98	-11.28	-11.67	362.05	-61.71	-97.77	20.55	-10.18	-52.46
55787	70.85	-11.15	-11.67	362.88	-58.36	-106.44	16.33	-16.31	-45.57
55788	69.73	-10.99	-11.67	362.59	-54.73	-116.22	13.11	-24.51	-38.03
55789	68.62	-10.82	-11.67	360.95	-51.03	-126.72	10.86	-34.98	-30.04
55790	67.53	-10.63	-11.67	357.57	-47.55	-137.49	9.51	-48.00	-21.85
55791	77.82	-13.48	-11.67	301.06	-108.87	21.47	44.21	-1.61	-26.33
55792	76.57	-13.42	-11.67	305.86	-109.42	18.02	37.11	1.26	-25.17
55793	75.34	-13.32	-11.67	310.69	-108.45	12.16	30.37	2.92	-23.27
55794	74.12	-13.19	-11.67	315.39	-106.14	3.92	24.10	3.06	-20.65
55795	72.92	-13.03	-11.67	319.80	-102.67	-6.65	18.41	1.37	-17.38
55796	71.75	-12.83	-11.67	323.76	-98.26	-19.51	13.39	-2.46	-13.51
55797	70.59	-12.61	-11.67	327.09	-93.14	-34.55	9.16	-8.70	-9.12
55798	69.46	-12.35	-11.67	329.65	-87.53	-51.55	5.76	-17.54	-4.29
55799	68.35	-12.06	-11.67	331.25	-81.61	-70.08	3.15	-29.06	0.80
55800	67.26	-11.74	-11.67	331.58	-75.50	-89.36	1.40	-43.45	5.56
55801	77.80	-15.28	-11.67	259.08	-130.84	110.82	36.36	-0.40	26.41
55802	76.50	-15.20	-11.67	263.86	-131.23	106.58	30.27	4.30	26.53
55803	75.23	-15.07	-11.67	269.22	-130.12	98.87	24.45	7.61	26.68
55804	73.98	-14.90	-11.67	274.96	-127.68	87.75	18.93	9.09	26.92
55805	72.74	-14.67	-11.67	280.87	-124.11	73.32	13.78	8.36	27.30
55806	71.54	-14.40	-11.67	286.72	-119.61	55.72	9.07	5.04	27.93
55807	70.36	-14.08	-11.67	292.30	-114.40	35.10	4.88	-1.16	28.89
55808	69.21	-13.72	-11.67	297.45	-108.66	11.67	1.28	-10.41	30.30
55809	68.09	-13.31	-11.67	301.98	-102.40	-14.16	-1.81	-22.67	32.09
55810	67.00	-12.86	-11.67	305.55	-95.71	-41.52	-4.35	-37.77	34.01
55811	77.78	-17.07	-11.67	220.20	-133.69	189.34	29.53	0.27	80.84
55812	76.46	-16.99	-11.67	224.69	-134.23	184.85	24.96	6.34	79.92
55813	75.15	-16.84	-11.67	230.27	-133.64	176.01	20.50	10.92	78.14
55814	73.86	-16.62	-11.67	236.74	-132.03	162.93	16.10	13.51	75.68
55815	72.60	-16.34	-11.67	243.83	-129.57	145.76	11.73	13.67	72.77
55816	71.36	-15.99	-11.67	251.28	-126.38	124.66	7.46	11.02	69.69
55817	70.16	-15.58	-11.67	258.83	-122.61	99.83	3.32	5.23	66.75
55818	68.99	-15.11	-11.67	266.27	-118.33	71.49	-0.60	-3.83	64.29
55819	67.85	-14.58	-11.67	273.40	-113.48	39.98	-4.30	-16.08	62.47
55820	66.76	-14.00	-11.67	279.87	-107.79	6.08	-7.70	-31.20	61.04
55821	77.77	-18.88	-11.67	184.33	-118.89	253.51	23.67	-0.05	127.15
55822	76.43	-18.79	-11.67	188.33	-119.83	249.29	20.93	6.41	125.55
55823	75.09	-18.61	-11.67	193.85	-120.32	240.29	18.12	11.45	122.42
55824	73.77	-18.35	-11.67	200.70	-120.42	226.57	15.06	14.61	117.98
55825	72.48	-18.01	-11.67	208.61	-120.14	208.24	11.67	15.44	112.55
55826	71.22	-17.59	-11.67	217.28	-119.50	185.42	7.92	13.56	106.56
55827	69.98	-17.09	-11.67	226.41	-118.48	158.28	3.85	8.64	100.45
55828	68.79	-16.51	-11.67	235.73	-117.01	126.99	-0.46	0.49	94.68
55829	67.64	-15.87	-11.67	245.01	-114.94	91.81	-4.92	-10.91	89.60
55830	66.54	-15.15	-11.67	253.93	-111.89	53.27	-9.38	-25.22	85.28
55831	61.65	-9.56	-11.67	300.84	-55.29	-187.97	21.62	-164.94	23.00
55832	62.26	-10.65	-11.67	290.78	-71.33	-145.40	3.69	-137.70	40.85
55833	62.93	-11.69	-11.67	281.68	-83.60	-104.21	-7.94	-110.35	54.87
55834	62.66	-9.48	-11.67	319.89	-43.37	-192.23	19.40	-145.98	10.09
55835	63.08	-10.42	-11.67	309.28	-61.69	-154.79	5.51	-125.32	25.81
55836	63.54	-11.34	-11.67	298.80	-76.42	-118.30	-4.32	-104.35	40.29

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]
55837	63.67	-9.40	-11.67	336.43	-32.60	-194.22	18.36	-126.17	-1.29
55838	63.90	-10.21	-11.67	325.38	-51.51	-162.31	7.71	-112.15	11.95
55839	64.15	-11.00	-11.67	314.57	-67.38	-130.86	-1.25	-97.25	26.16
55840	65.52	-14.37	-11.67	261.88	-107.09	13.23	-13.05	-42.13	80.01
55841	65.80	-13.39	-11.67	285.25	-101.17	-26.77	-10.23	-47.40	58.16
55842	66.09	-12.43	-11.67	307.71	-89.51	-65.87	-5.84	-52.93	34.69
55843	64.59	-13.54	-11.67	268.97	-100.79	-26.50	-15.26	-61.44	74.12
55844	64.97	-12.78	-11.67	289.53	-94.27	-57.04	-11.24	-64.06	54.56
55845	65.35	-12.03	-11.67	308.71	-83.70	-86.14	-6.36	-66.20	34.27
55846	63.71	-12.66	-11.67	274.78	-93.14	-65.10	-14.35	-83.54	66.43
55847	64.17	-12.13	-11.67	292.52	-86.69	-86.01	-9.96	-83.14	49.86
55848	64.64	-11.61	-11.67	308.82	-78.95	-105.77	-4.98	-81.98	33.22
55849	23.13	-8.70	-9.50	985.87	245.92	-858.42	473.35	-2129.92	-56.30
55850	24.66	-8.70	-9.50	326.45	-53.51	-619.04	286.14	-2282.95	42.07
55851	26.20	-8.70	-9.50	216.53	2.49	-253.63	327.66	-2093.80	-38.14
55852	27.73	-8.70	-9.50	185.07	-1.29	-111.33	327.92	-1929.09	-41.96
55853	29.26	-8.70	-9.50	179.85	3.12	-37.50	322.65	-1828.57	-34.66
55854	30.79	-8.70	-9.50	182.16	3.52	-4.50	313.36	-1770.40	-25.71
55855	32.33	-8.70	-9.50	188.63	3.27	10.41	304.66	-1738.53	-19.20
55856	33.86	-8.70	-9.50	198.29	2.39	18.07	297.85	-1722.13	-15.54
55857	35.39	-8.70	-9.50	210.63	1.36	23.61	293.15	-1714.21	-14.40
55858	36.93	-8.70	-9.50	224.90	0.33	28.84	290.25	-1710.60	-14.98
55859	38.46	-8.70	-9.50	240.18	-0.63	34.03	288.76	-1708.96	-16.47
55860	39.99	-8.70	-9.50	255.51	-1.49	38.75	288.43	-1708.25	-18.05
55861	41.52	-8.70	-9.50	270.05	-2.26	42.31	289.17	-1708.35	-18.93
55862	43.06	-8.70	-9.50	283.09	-2.88	44.05	291.04	-1710.08	-18.26
55863	44.59	-8.70	-9.50	294.24	-3.24	43.86	294.23	-1715.27	-15.21
55864	46.12	-8.70	-9.50	303.67	-3.16	43.09	298.77	-1727.28	-9.05
55865	47.66	-8.70	-9.50	312.33	-2.22	46.42	304.17	-1751.75	0.42
55866	49.19	-8.70	-9.50	321.73	-0.17	64.57	308.75	-1797.77	12.44
55867	50.72	-8.70	-9.50	332.72	4.99	120.10	307.84	-1879.20	22.06
55868	52.25	-8.70	-9.50	336.33	7.76	241.57	296.03	-2013.22	19.08
55869	53.79	-8.70	-9.50	305.93	42.62	553.04	246.83	-2157.17	-53.83
55870	55.32	-8.70	-9.50	-35.96	-97.41	734.21	246.90	-2013.74	70.68
55871	23.35	-8.10	-9.50	484.19	234.58	-872.56	827.37	-1610.23	255.48
55872	24.86	-8.10	-9.50	226.90	-9.52	-670.00	998.23	-1808.27	186.45
55873	26.37	-8.10	-9.50	122.81	-8.31	-401.74	1029.65	-1659.10	62.56
55874	27.88	-8.10	-9.50	109.68	2.70	-252.96	1034.22	-1556.79	13.06
55875	29.39	-8.10	-9.50	121.88	8.87	-145.99	1016.03	-1485.36	-4.17
55876	30.91	-8.10	-9.50	141.25	10.94	-81.28	992.99	-1440.37	-10.34
55877	32.42	-8.10	-9.50	160.74	9.45	-44.60	972.09	-1414.17	-11.96
55878	33.93	-8.10	-9.50	178.91	6.28	-25.81	956.04	-1399.88	-12.54
55879	35.44	-8.10	-9.50	195.98	2.42	-17.56	944.88	-1392.35	-13.41
55880	36.96	-8.10	-9.50	212.48	-1.52	-15.17	937.71	-1388.21	-14.88
55881	38.47	-8.10	-9.50	228.78	-5.24	-15.57	933.55	-1385.44	-16.73
55882	39.98	-8.10	-9.50	245.16	-8.60	-16.61	931.68	-1383.00	-18.53
55883	41.49	-8.10	-9.50	261.91	-11.49	-16.44	931.80	-1380.58	-19.80
55884	43.01	-8.10	-9.50	279.49	-13.66	-12.92	934.01	-1378.63	-20.10
55885	44.52	-8.10	-9.50	298.68	-14.67	-3.14	938.64	-1378.55	-19.17
55886	46.03	-8.10	-9.50	320.69	-13.77	17.29	945.90	-1383.04	-17.23
55887	47.54	-8.10	-9.50	346.91	-9.87	54.92	955.05	-1396.68	-15.59
55888	49.06	-8.10	-9.50	377.92	-1.54	118.56	962.80	-1426.14	-17.67
55889	50.57	-8.10	-9.50	410.69	12.57	220.20	961.00	-1479.70	-30.16
55890	52.08	-8.10	-9.50	431.88	31.42	358.04	932.37	-1563.43	-74.09
55891	53.59	-8.10	-9.50	394.57	56.17	595.99	843.89	-1690.17	-177.94
55892	55.10	-8.10	-9.50	157.95	-63.39	707.19	620.75	-1504.22	-212.58
55893	23.13	-8.70	-10.50	-337.02	76.22	-855.75	887.24	-1547.69	175.60
55894	24.66	-8.70	-10.50	-294.03	17.64	-190.33	502.62	-1037.16	42.76
55895	26.20	-8.70	-10.50	-67.49	24.16	-87.02	413.16	-828.84	-2.95
55896	27.73	-8.70	-10.50	103.91	10.09	-35.24	389.34	-718.45	-8.14
55897	29.26	-8.70	-10.50	185.75	6.24	-12.77	383.07	-662.66	-9.19
55898	30.79	-8.70	-10.50	212.80	3.27	-2.16	379.75	-637.76	-7.54
55899	32.33	-8.70	-10.50	215.89	2.01	2.28	377.24	-628.41	-6.14
55900	33.86	-8.70	-10.50	212.58	1.64	4.49	375.19	-625.98	-5.62
55901	35.39	-8.70	-10.50	210.53	1.96	6.05	373.73	-626.23	-5.97
55902	36.93	-8.70	-10.50	211.75	2.70	7.53	372.89	-627.21	-6.94
55903	38.46	-8.70	-10.50	215.50	3.67	9.00	372.62	-628.03	-8.21
55904	39.99	-8.70	-10.50	220.02	4.66	10.35	372.87	-628.41	-9.44
55905	41.52	-8.70	-10.50	223.32	5.48	11.38	373.63	-628.38	-10.27
55906	43.06	-8.70	-10.50	223.78	5.94	11.89	374.93	-628.27	-10.33
55907	44.59	-8.70	-10.50	220.92	5.82	11.84	376.74	-628.84	-9.24
55908	46.12	-8.70	-10.50	217.04	4.95	11.65	378.86	-631.77	-6.73
55909	47.66	-8.70	-10.50	220.17	3.17	12.72	380.85	-640.61	-2.85
55910	49.19	-8.70	-10.50	248.85	0.26	18.83	382.17	-662.90	1.63
55911	50.72	-8.70	-10.50	337.06	-3.91	35.33	383.67	-712.21	3.34
55912	52.25	-8.70	-10.50	532.05	-10.61	80.44	392.91	-811.30	1.14
55913	53.79	-8.70	-10.50	836.30	-14.94	167.70	455.55	-991.39	-50.91
55914	55.32	-8.70	-10.50	1268.06	66.40	732.95	582.53	-1482.92	-109.89
55915	23.35	-8.10	-10.50	-983.88	12.30	-898.02	1488.44	-1165.30	441.42
55916	24.86	-8.10	-10.50	-341.30	98.19	-123.89	1253.03	-702.10	148.06
55917	26.37	-8.10	-10.50	-68.34	32.69	-110.79	1081.62	-575.95	63.66
55918	27.88	-8.10	-10.50	88.16	25.43	-57.68	1036.24	-503.99	23.28
55919	29.39	-8.10	-10.50	162.87	18.95	-32.38	1019.44	-462.81	6.10
55920	30.91	-8.10	-10.50	192.00	15.25	-16.25	1010.33	-442.60	-0.77
55921	32.42	-8.10	-10.50	199.99	12.54	-8.05	1003.07	-433.83	-3.78
55922	33.93	-8.10	-10.50	201.40	11.36	-4.01	997.17	-430.74	-5.68
55923	35.44	-8.10	-10.50	202.87	11.63	-2.31	992.83	-430.09	-7.57
55924	36.96	-8.10	-10.50	206.50	13.05	-1.81	990.08	-430.18	-9.70
55925	38.47	-8.10	-10.50	212.10	15.11	-1.84	988.77	-430.20	-11.98
55926	39.98	-8.10	-10.50	218.51	17.21	-2.00	988.72	-429.80	-14.14
55927	41.49	-8.10	-10.50	224.34	18.68	-1.91	989.86	-428.92	-15.86
55928	43.01	-8.10	-10.50	228.55	18.90	-1.18	992.15	-427.79	-16.83
55929	44.52	-8.10	-10.50	231.14	17.36	0.82	995.46	-427.07	-16.85
55930	46.03	-8.10	-10.50	234.48	13.86	5.13	999.28	-428.21	-16.08
55931	47.54	-8.10	-10.50	245.68	8.67	13.35	1002.50	-434.17	-15.51
55932	49.06	-8.10	-10.50	280.24	2.95	28.69	1003.84	-450.38	-17.82
55933	50.57	-8.10	-10.50	366.15	-2.15	52.47	1004.54	-486.20	-29.08
55934	52.08	-8.10	-10.50	547.04	-4.37	100.06	1017.44	-552.56	-61.76
55935	53.59	-8.10	-10.50	890.74	-23.70	122.43	1091.81	-679.99	-139.68

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]
55936	55.10	-8.10	-10.50	1573.75	161.47	742.71	1156.28	-1118.32	-340.54
55937	23.61	-7.26	-9.50	736.35	200.27	-422.51	1216.22	-926.15	437.20
55938	25.10	-7.26	-9.50	287.51	52.40	-328.78	1654.52	-958.03	401.08
55939	26.59	-7.26	-9.50	107.39	36.13	-190.57	1771.05	-803.76	236.07
55940	28.07	-7.26	-9.50	53.30	42.09	-135.36	1784.75	-720.52	137.60
55941	29.56	-7.26	-9.50	59.85	46.88	-80.52	1760.90	-670.90	76.59
55942	31.05	-7.26	-9.50	87.70	43.09	-47.39	1726.75	-641.83	41.26
55943	32.53	-7.26	-9.50	119.67	33.41	-28.19	1695.30	-626.37	22.19
55944	34.02	-7.26	-9.50	148.95	20.54	-18.86	1670.61	-618.73	12.96
55945	35.51	-7.26	-9.50	174.21	6.63	-15.66	1652.92	-615.09	9.34
55946	36.99	-7.26	-9.50	196.21	-7.10	-15.98	1640.96	-613.18	8.72
55947	38.48	-7.26	-9.50	216.31	-20.05	-17.98	1633.26	-611.75	9.42
55948	39.97	-7.26	-9.50	235.96	-31.87	-20.22	1628.68	-610.14	10.27
55949	41.46	-7.26	-9.50	256.65	-42.24	-21.39	1626.56	-608.16	10.22
55950	42.94	-7.26	-9.50	279.95	-50.58	-20.04	1626.80	-606.05	8.06
55951	44.43	-7.26	-9.50	307.52	-55.91	-14.28	1629.57	-604.68	2.13
55952	45.92	-7.26	-9.50	340.73	-56.60	-1.62	1634.86	-605.93	-10.00
55953	47.40	-7.26	-9.50	379.35	-50.32	21.28	1641.28	-613.30	-32.00
55954	48.89	-7.26	-9.50	418.80	-34.41	57.68	1643.70	-632.49	-69.02
55955	50.38	-7.26	-9.50	445.36	-6.45	113.16	1628.66	-671.16	-128.29
55956	51.86	-7.26	-9.50	425.05	30.14	169.52	1567.93	-743.37	-218.16
55957	53.35	-7.26	-9.50	284.42	71.75	304.27	1400.02	-873.87	-351.16
55958	54.84	-7.26	-9.50	-144.01	20.75	302.28	982.50	-848.36	-366.70
55959	23.91	-6.17	-9.50	986.73	228.64	-55.84	1079.31	-393.70	106.27
55960	25.37	-6.17	-9.50	393.32	209.77	-0.14	1309.71	-340.02	130.10
55961	26.83	-6.17	-9.50	113.62	195.81	40.79	1381.97	-178.52	61.62
55962	28.29	-6.17	-9.50	11.59	161.73	14.25	1394.82	-92.87	36.08
55963	29.75	-6.17	-9.50	3.84	130.86	10.98	1384.81	-50.38	20.27
55964	31.21	-6.17	-9.50	34.77	99.72	6.53	1368.48	-29.72	12.06
55965	32.66	-6.17	-9.50	76.10	70.86	4.00	1352.54	-21.02	7.50
55966	34.12	-6.17	-9.50	115.78	45.45	2.53	1339.26	-18.04	4.95
55967	35.58	-6.17	-9.50	150.26	23.79	1.83	1329.05	-17.45	3.54
55968	37.04	-6.17	-9.50	179.82	5.53	1.56	1321.58	-17.62	2.76
55969	38.50	-6.17	-9.50	206.14	-10.08	1.53	1316.28	-17.82	2.21
55970	39.95	-6.17	-9.50	231.31	-23.88	1.56	1312.57	-17.77	1.56
55971	41.41	-6.17	-9.50	257.46	-36.67	1.49	1309.95	-17.44	0.49
55972	42.87	-6.17	-9.50	286.70	-49.09	1.16	1307.96	-17.02	-1.36
55973	44.33	-6.17	-9.50	320.83	-61.43	0.36	1306.07	-17.12	-4.36
55974	45.79	-6.17	-9.50	360.50	-73.41	-1.22	1303.41	-19.15	-8.97
55975	47.24	-6.17	-9.50	403.16	-83.85	-3.83	1298.09	-26.03	-15.73
55976	48.70	-6.17	-9.50	438.75	-90.34	-8.23	1286.14	-43.28	-25.54
55977	50.16	-6.17	-9.50	442.72	-88.49	-12.16	1259.06	-80.25	-40.66
55978	51.62	-6.17	-9.50	364.25	-76.64	-33.24	1201.00	-156.24	-60.64
55979	53.08	-6.17	-9.50	121.47	-27.22	19.09	1087.77	-285.45	-105.83
55980	54.54	-6.17	-9.50	-417.99	20.48	-37.48	868.46	-348.34	-71.67
55981	24.17	-5.07	-9.50	813.06	197.62	-81.00	1150.51	-301.74	-54.39
55982	25.60	-5.07	-9.50	309.56	214.24	-9.32	1268.63	-304.15	9.29
55983	27.04	-5.07	-9.50	45.93	210.06	22.92	1281.80	-161.87	-23.85
55984	28.47	-5.07	-9.50	-40.85	186.23	3.71	1277.01	-82.38	-9.93
55985	29.90	-5.07	-9.50	-36.26	154.19	3.32	1271.87	-43.06	-1.43
55986	31.34	-5.07	-9.50	2.92	119.50	1.33	1268.56	-23.84	2.81
55987	32.77	-5.07	-9.50	49.89	86.86	0.18	1266.26	-15.35	4.09
55988	34.21	-5.07	-9.50	93.81	58.29	-0.66	1264.21	-12.04	3.99
55989	35.64	-5.07	-9.50	131.78	34.35	-1.30	1262.06	-11.03	3.40
55990	37.07	-5.07	-9.50	164.35	14.58	-1.82	1259.65	-10.92	2.70
55991	38.51	-5.07	-9.50	193.33	-2.01	-2.27	1256.84	-11.07	1.96
55992	39.94	-5.07	-9.50	220.91	-16.61	-2.66	1253.36	-11.24	1.05
55993	41.38	-5.07	-9.50	249.27	-30.42	-2.96	1248.82	-11.41	-0.20
55994	42.81	-5.07	-9.50	280.50	-44.44	-3.17	1242.62	-11.76	-1.96
55995	44.24	-5.07	-9.50	316.33	-59.22	-3.29	1234.00	-12.79	-4.22
55996	45.68	-5.07	-9.50	357.29	-74.44	-3.36	1222.08	-15.61	-6.66
55997	47.11	-5.07	-9.50	400.81	-88.24	-3.40	1206.00	-22.54	-8.33
55998	48.55	-5.07	-9.50	437.09	-96.40	-3.84	1184.98	-38.12	-7.35
55999	49.98	-5.07	-9.50	441.78	-91.10	-3.25	1158.22	-70.57	-1.55
56000	51.41	-5.07	-9.50	364.34	-62.64	-14.70	1123.01	-135.94	12.79
56001	52.85	-5.07	-9.50	132.45	0.49	31.16	1068.85	-234.65	0.57
56002	54.28	-5.07	-9.50	-306.70	74.31	-32.42	949.97	-253.53	72.54
56003	24.37	-3.96	-9.50	467.32	106.80	-294.15	1161.59	-310.02	-224.80
56004	25.79	-3.96	-9.50	80.38	66.20	-184.45	1193.93	-317.45	-178.85
56005	27.20	-3.96	-9.50	-62.82	118.51	-79.00	1151.21	-198.84	-135.03
56006	28.62	-3.96	-9.50	-79.45	133.73	-40.85	1135.71	-138.14	-64.10
56007	30.03	-3.96	-9.50	-45.07	126.75	-10.05	1142.22	-104.08	-24.64
56008	31.44	-3.96	-9.50	2.76	106.73	4.88	1156.06	-83.20	-4.66
56009	32.86	-3.96	-9.50	49.54	82.50	12.03	1169.91	-70.35	4.06
56010	34.27	-3.96	-9.50	90.77	58.96	15.42	1180.67	-62.58	7.39
56011	35.69	-3.96	-9.50	126.19	38.25	17.46	1187.57	-58.15	8.43
56012	37.10	-3.96	-9.50	157.05	20.81	19.14	1190.72	-56.00	8.62
56013	38.52	-3.96	-9.50	184.99	6.11	20.67	1190.43	-55.53	8.46
56014	39.93	-3.96	-9.50	211.61	-6.82	21.84	1186.78	-56.45	7.96
56015	41.35	-3.96	-9.50	238.44	-19.06	22.22	1179.47	-58.73	6.95
56016	42.76	-3.96	-9.50	266.89	-31.48	21.43	1167.84	-62.55	5.27
56017	44.18	-3.96	-9.50	298.24	-44.39	19.36	1151.04	-68.28	3.15
56018	45.59	-3.96	-9.50	333.33	-56.84	16.61	1128.37	-76.48	1.62
56019	47.01	-3.96	-9.50	371.59	-65.59	15.20	1100.11	-88.03	3.39
56020	48.42	-3.96	-9.50	408.61	-63.66	19.03	1068.83	-104.49	14.02
56021	49.83	-3.96	-9.50	430.90	-38.83	35.45	1041.34	-129.19	41.96
56022	51.25	-3.96	-9.50	404.76	24.03	62.62	1030.84	-171.05	99.23
56023	52.66	-3.96	-9.50	263.41	143.24	147.34	1039.83	-235.54	142.33
56024	54.08	-3.96	-9.50	-66.67	174.58	97.90	989.36	-240.07	206.96
56025	23.61	-7.26	-10.50	-1200.91	-310.77	-751.85	1883.91	-891.31	583.21
56026	25.10	-7.26	-10.50	-492.79	-78.38	-28.33	1722.69	-500.34	240.28
56027	26.59	-7.26	-10.50	-134.15	-71.46	-65.97	1610.61	-380.48	150.37
56028	28.07	-7.26	-10.50	36.54	-40.36	-37.73	1564.91	-307.38	80.33
56029	29.56	-7.26	-10.50	117.92	-15.48	-23.44	1546.32	-266.38	41.84
56030	31.05	-7.26	-10.50	154.69	-0.71	-12.99	1534.41	-246.57	21.00
56031	32.53	-7.26	-10.50	171.29	6.79	-7.58	1524.57	-238.10	9.93
56032	34.02	-7.26	-10.50	180.48	10.79	-4.95	1516.44	-235.19	4.06
56033	35.51	-7.26	-10.50	188.14	13.78	-4.10	1510.26	-234.61	0.85
56034	36.99	-7.26	-10.50	196.46	16.94	-4.23	1506.02	-234.69	-1.05

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]
56035	38.48	-7.26	-10.50	205.85	20.47	-4.80	1503.47	-234.64	-2.40
56036	39.97	-7.26	-10.50	215.93	24.07	-5.43	1502.30	-234.12	-3.62
56037	41.46	-7.26	-10.50	226.08	27.27	-5.75	1502.29	-233.06	-5.06
56038	42.94	-7.26	-10.50	235.96	29.75	-5.35	1503.30	-231.64	-7.14
56039	44.43	-7.26	-10.50	246.02	31.72	-3.71	1505.04	-230.50	-10.52
56040	45.92	-7.26	-10.50	258.51	34.46	-0.06	1506.83	-231.10	-16.37
56041	47.40	-7.26	-10.50	279.30	40.82	6.49	1507.27	-236.43	-26.83
56042	48.89	-7.26	-10.50	321.24	55.66	17.79	1504.49	-252.01	-45.67
56043	50.38	-7.26	-10.50	408.94	84.42	32.29	1498.60	-287.29	-79.20
56044	51.86	-7.26	-10.50	588.79	131.40	60.04	1498.48	-354.32	-138.15
56045	53.35	-7.26	-10.50	950.45	190.60	42.75	1523.45	-480.45	-215.30
56046	54.84	-7.26	-10.50	1619.72	474.52	590.27	1558.75	-843.93	-463.27
56047	23.91	-6.17	-10.50	-1204.12	-570.36	-544.61	2059.09	-618.69	468.69
56048	25.37	-6.17	-10.50	-585.25	-306.90	62.20	1947.34	-336.02	125.15
56049	26.83	-6.17	-10.50	-220.33	-212.87	-2.41	1897.96	-222.19	95.09
56050	28.29	-6.17	-10.50	-33.07	-123.02	-0.06	1865.52	-142.79	55.25
56051	29.75	-6.17	-10.50	58.60	-59.18	-1.70	1843.03	-98.03	32.73
56052	31.21	-6.17	-10.50	106.19	-20.84	-0.92	1825.97	-76.83	19.59
56053	32.66	-6.17	-10.50	133.57	-1.14	-0.90	1812.74	-67.69	12.10
56054	34.12	-6.17	-10.50	152.16	8.11	-0.91	1802.82	-64.38	7.94
56055	35.58	-6.17	-10.50	167.24	12.49	-1.08	1795.65	-63.56	5.80
56056	37.04	-6.17	-10.50	181.21	15.18	-1.35	1790.61	-63.58	4.81
56057	38.50	-6.17	-10.50	195.15	17.64	-1.65	1787.10	-63.65	4.31
56058	39.95	-6.17	-10.50	209.49	20.43	-1.94	1784.66	-63.46	3.78
56059	41.41	-6.17	-10.50	224.66	23.81	-2.14	1782.96	-62.97	2.69
56060	42.87	-6.17	-10.50	240.45	28.37	-2.20	1781.80	-62.38	0.49
56061	44.33	-6.17	-10.50	258.38	35.63	-2.05	1781.07	-62.30	-3.46
56062	45.79	-6.17	-10.50	280.34	48.86	-1.59	1780.50	-64.17	-9.95
56063	47.24	-6.17	-10.50	310.96	73.92	-0.91	1779.43	-70.92	-19.92
56064	48.70	-6.17	-10.50	360.14	119.66	0.53	1776.45	-88.15	-34.82
56065	50.16	-6.17	-10.50	448.64	195.28	-0.45	1769.78	-125.84	-56.49
56066	51.62	-6.17	-10.50	620.06	307.71	4.30	1758.38	-194.83	-88.95
56067	53.08	-6.17	-10.50	942.98	448.05	-31.97	1742.98	-313.07	-110.95
56068	54.54	-6.17	-10.50	1484.26	737.73	374.83	1759.15	-562.63	-364.64
56069	24.17	-5.07	-10.50	-1109.69	-554.64	-471.15	2042.94	-488.46	296.48
56070	25.60	-5.07	-10.50	-598.62	-316.41	54.06	1943.05	-255.65	-61.85
56071	27.04	-5.07	-10.50	-271.66	-202.43	4.50	1916.56	-155.19	-33.06
56072	28.47	-5.07	-10.50	-89.68	-109.70	5.38	1888.68	-81.35	-17.85
56073	29.90	-5.07	-10.50	8.30	-49.52	3.39	1861.94	-40.25	-4.70
56074	31.34	-5.07	-10.50	64.84	-15.49	3.01	1841.50	-20.72	1.90
56075	32.77	-5.07	-10.50	100.78	1.34	2.21	1827.49	-11.91	4.59
56076	34.21	-5.07	-10.50	126.42	8.83	1.72	1818.23	-8.28	5.35
56077	35.64	-5.07	-10.50	146.98	12.09	1.41	1812.04	-7.03	5.37
56078	37.07	-5.07	-10.50	165.23	14.03	1.25	1807.68	-6.79	5.17
56079	38.51	-5.07	-10.50	182.69	16.12	1.18	1804.32	-6.92	4.85
56080	39.94	-5.07	-10.50	200.31	19.09	1.14	1801.44	-7.17	4.29
56081	41.38	-5.07	-10.50	218.78	23.50	1.03	1798.73	-7.54	3.28
56082	42.81	-5.07	-10.50	238.91	30.20	0.79	1796.06	-8.21	1.63
56083	44.24	-5.07	-10.50	261.89	40.86	0.34	1793.56	-9.66	-0.68
56084	45.68	-5.07	-10.50	289.77	58.69	-0.35	1791.58	-12.99	-3.24
56085	47.11	-5.07	-10.50	326.44	89.15	-1.34	1790.64	-20.42	-4.87
56086	48.55	-5.07	-10.50	379.58	140.62	-2.00	1790.79	-36.49	-3.37
56087	49.98	-5.07	-10.50	465.04	222.98	-4.26	1790.01	-69.71	4.73
56088	51.41	-5.07	-10.50	615.51	344.48	-1.12	1781.52	-129.35	17.95
56089	52.85	-5.07	-10.50	878.33	500.05	-21.30	1759.29	-228.95	47.15
56090	54.28	-5.07	-10.50	1284.50	751.83	271.43	1781.36	-405.96	-221.96
56091	24.37	-3.96	-10.50	-1033.38	-357.76	-511.25	2043.75	-494.02	219.20
56092	25.79	-3.96	-10.50	-581.79	-123.52	-15.67	1950.70	-241.57	-154.28
56093	27.20	-3.96	-10.50	-297.23	-57.47	-32.05	1930.46	-153.39	-98.01
56094	28.62	-3.96	-10.50	-128.05	-18.94	-12.85	1902.91	-98.93	-57.02
56095	30.03	-3.96	-10.50	-27.55	-0.79	-4.08	1876.50	-69.54	-29.31
56096	31.44	-3.96	-10.50	34.57	7.22	1.19	1857.18	-55.06	-14.49
56097	32.86	-3.96	-10.50	75.45	10.07	3.30	1844.45	-48.01	-6.91
56098	34.27	-3.96	-10.50	104.94	10.78	4.21	1836.29	-44.68	-3.29
56099	35.69	-3.96	-10.50	128.55	10.99	4.63	1830.88	-43.24	-1.71
56100	37.10	-3.96	-10.50	149.37	11.68	4.92	1827.01	-42.79	-1.16
56101	38.52	-3.96	-10.50	169.18	13.47	5.16	1823.93	-42.90	-1.13
56102	39.93	-3.96	-10.50	189.07	16.85	5.31	1821.22	-43.38	-1.37
56103	41.35	-3.96	-10.50	209.84	22.37	5.24	1818.65	-44.23	-1.73
56104	42.76	-3.96	-10.50	232.33	30.79	4.87	1816.12	-45.54	-2.03
56105	44.18	-3.96	-10.50	257.75	43.27	4.19	1813.79	-47.61	-1.90
56106	45.59	-3.96	-10.50	288.09	61.55	3.43	1812.07	-51.01	-0.56
56107	47.01	-3.96	-10.50	326.91	88.23	3.22	1811.69	-56.96	3.57
56108	48.42	-3.96	-10.50	380.62	127.19	5.24	1813.24	-68.10	13.37
56109	49.83	-3.96	-10.50	460.82	183.90	10.10	1815.48	-89.80	33.84
56110	51.25	-3.96	-10.50	588.76	267.27	25.15	1811.11	-130.32	65.62
56111	52.66	-3.96	-10.50	797.47	382.88	29.50	1790.57	-210.18	113.89
56112	54.08	-3.96	-10.50	1112.53	612.52	249.32	1820.10	-361.21	-171.19
56113	24.50	-3.10	-9.50	80.52	77.98	-557.31	1084.31	-436.91	-153.44
56114	25.90	-3.10	-9.50	-128.28	19.80	-391.67	1116.08	-492.59	-114.77
56115	27.30	-3.10	-9.50	-138.37	58.14	-208.07	1064.84	-403.74	-89.88
56116	28.71	-3.10	-9.50	-99.47	61.88	-117.99	1052.99	-352.77	-53.95
56117	30.11	-3.10	-9.50	-47.80	58.96	-56.18	1056.59	-316.69	-36.03
56118	31.51	-3.10	-9.50	2.30	49.61	-21.00	1064.58	-291.01	-26.81
56119	32.91	-3.10	-9.50	46.54	38.08	-1.56	1072.18	-273.41	-22.45
56120	34.32	-3.10	-9.50	84.60	26.40	9.13	1077.84	-262.09	-20.99
56121	35.72	-3.10	-9.50	117.61	15.71	15.41	1081.28	-255.36	-21.47
56122	37.12	-3.10	-9.50	147.01	6.43	19.55	1082.67	-251.94	-23.17
56123	38.52	-3.10	-9.50	174.15	-1.40	22.55	1082.19	-250.93	-25.45
56124	39.93	-3.10	-9.50	200.20	-7.89	24.69	1079.88	-251.80	-27.66
56125	41.33	-3.10	-9.50	226.18	-13.20	25.98	1075.56	-254.39	-29.14
56126	42.73	-3.10	-9.50	253.00	-17.30	26.39	1068.80	-258.85	-29.21
56127	44.13	-3.10	-9.50	281.50	-19.91	26.36	1058.99	-265.57	-27.24
56128	45.54	-3.10	-9.50	312.40	-20.15	27.25	1045.49	-275.10	-22.63
56129	46.94	-3.10	-9.50	345.98	-16.26	32.21	1028.04	-288.04	-14.72
56130	48.34	-3.10	-9.50	381.12	-5.16	46.80	1007.68	-304.85	-2.24
56131	49.74	-3.10	-9.50	413.08	18.86	79.57	988.83	-326.12	17.59
56132	51.15	-3.10	-9.50	427.40	60.35	134.96	981.92	-352.81	52.97
56133	52.55	-3.10	-9.50	383.40	145.35	239.72	1010.93	-384.53	82.80



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]
56134	53.95	-3.10	-9.50	196.76	165.22	222.38	966.99	-325.15	147.99
56135	24.57	-2.50	-9.50	-125.86	84.11	-533.04	1263.46	-538.39	2.28
56136	25.96	-2.50	-9.50	-187.08	76.52	-329.46	1373.40	-681.13	14.98
56137	27.36	-2.50	-9.50	-145.71	67.55	-188.74	1341.68	-609.25	-6.57
56138	28.75	-2.50	-9.50	-99.63	56.21	-127.83	1328.43	-557.29	-7.17
56139	30.15	-2.50	-9.50	-52.29	46.42	-81.75	1323.77	-521.02	-11.13
56140	31.55	-2.50	-9.50	-6.97	36.97	-52.44	1323.38	-497.81	-14.90
56141	32.94	-2.50	-9.50	34.14	27.35	-34.98	1324.46	-484.37	-17.49
56142	34.34	-2.50	-9.50	70.50	17.84	-26.04	1325.73	-477.33	-19.41
56143	35.73	-2.50	-9.50	102.67	8.81	-22.82	1326.55	-474.03	-21.21
56144	37.13	-2.50	-9.50	131.68	0.62	-23.14	1326.54	-472.65	-23.14
56145	38.53	-2.50	-9.50	158.67	-6.41	-25.32	1325.43	-472.03	-25.13
56146	39.92	-2.50	-9.50	184.76	-12.04	-27.99	1322.97	-471.47	-26.87
56147	41.32	-2.50	-9.50	210.94	-15.93	-29.88	1318.86	-470.65	-27.96
56148	42.72	-2.50	-9.50	237.99	-17.60	-29.72	1312.72	-469.59	-28.02
56149	44.11	-2.50	-9.50	266.46	-16.37	-26.13	1304.12	-468.70	-26.80
56150	45.51	-2.50	-9.50	296.43	-11.31	-17.69	1292.68	-469.04	-24.32
56151	46.90	-2.50	-9.50	327.26	-1.44	-3.08	1278.32	-472.41	-20.91
56152	48.30	-2.50	-9.50	357.18	14.13	18.41	1261.80	-481.46	-16.83
56153	49.70	-2.50	-9.50	383.03	35.49	46.80	1246.05	-498.94	-10.89
56154	51.09	-2.50	-9.50	400.33	64.18	80.29	1236.89	-525.30	1.84
56155	52.49	-2.50	-9.50	400.69	100.94	140.19	1247.12	-541.73	8.85
56156	53.88	-2.50	-9.50	353.25	166.31	154.25	1156.94	-402.78	57.14
56157	24.50	-3.10	-10.50	-962.82	-155.95	-562.80	2124.59	-512.92	272.30
56158	25.90	-3.10	-10.50	-558.56	75.65	-69.67	2010.99	-231.56	-101.56
56159	27.30	-3.10	-10.50	-303.36	87.44	-59.90	1991.45	-160.23	-60.27
56160	28.71	-3.10	-10.50	-143.13	74.16	-29.56	1972.79	-123.61	-39.70
56161	30.11	-3.10	-10.50	-43.61	55.74	-14.50	1956.51	-103.12	-26.84
56162	31.51	-3.10	-10.50	19.07	41.40	-5.20	1944.17	-92.60	-19.72
56163	32.91	-3.10	-10.50	60.73	31.57	-0.53	1935.36	-87.45	-15.61
56164	34.32	-3.10	-10.50	91.12	25.45	1.88	1929.09	-85.07	-13.43
56165	35.72	-3.10	-10.50	115.82	22.17	3.14	1924.49	-84.14	-12.58
56166	37.12	-3.10	-10.50	137.94	21.20	3.87	1920.97	-83.95	-12.61
56167	38.52	-3.10	-10.50	159.19	22.30	4.31	1918.13	-84.15	-13.10
56168	39.93	-3.10	-10.50	180.54	25.44	4.56	1915.69	-84.57	-13.63
56169	41.33	-3.10	-10.50	202.66	30.82	4.63	1913.49	-85.18	-13.75
56170	42.73	-3.10	-10.50	226.19	38.80	4.53	1911.40	-86.04	-13.01
56171	44.13	-3.10	-10.50	252.07	49.90	4.38	1909.36	-87.34	-10.99
56172	45.54	-3.10	-10.50	281.99	64.77	4.56	1907.33	-89.47	-7.28
56173	46.94	-3.10	-10.50	319.14	84.11	5.87	1905.27	-93.26	-1.48
56174	48.34	-3.10	-10.50	369.37	108.88	9.99	1902.89	-100.38	7.12
56175	49.74	-3.10	-10.50	442.65	141.04	18.25	1898.89	-113.95	20.50
56176	51.15	-3.10	-10.50	554.66	188.67	37.32	1889.48	-139.71	39.96
56177	52.55	-3.10	-10.50	728.78	266.75	55.67	1869.11	-199.65	79.38
56178	53.95	-3.10	-10.50	978.13	477.84	237.80	1916.45	-338.89	-211.58
56179	24.57	-2.50	-10.50	-896.23	-75.99	-547.71	2204.47	-479.60	354.26
56180	25.96	-2.50	-10.50	-538.36	125.61	-62.72	2071.36	-209.92	-27.27
56181	27.36	-2.50	-10.50	-297.98	124.63	-53.70	2062.17	-158.91	-7.34
56182	28.75	-2.50	-10.50	-144.25	101.69	-31.57	2055.85	-128.83	-8.43
56183	30.15	-2.50	-10.50	-48.76	78.40	-19.98	2048.75	-109.98	-9.26
56184	31.55	-2.50	-10.50	11.40	60.71	-12.01	2041.93	-100.08	-10.23
56185	32.94	-2.50	-10.50	51.77	48.65	-7.57	2036.16	-95.49	-10.76
56186	34.34	-2.50	-10.50	81.83	41.32	-5.23	2031.50	-93.72	-11.16
56187	35.73	-2.50	-10.50	106.88	37.77	-4.25	2027.75	-93.32	-11.70
56188	37.13	-2.50	-10.50	129.77	37.25	-4.09	2024.66	-93.48	-12.44
56189	38.53	-2.50	-10.50	152.00	39.20	-4.34	2021.98	-93.77	-13.28
56190	39.92	-2.50	-10.50	174.36	43.20	-4.71	2019.54	-93.98	-13.98
56191	41.32	-2.50	-10.50	197.32	48.99	-4.93	2017.19	-94.04	-14.21
56192	42.72	-2.50	-10.50	221.26	56.51	-4.74	2014.81	-94.03	-13.68
56193	44.11	-2.50	-10.50	246.80	65.92	-3.84	2012.29	-94.19	-12.11
56194	45.51	-2.50	-10.50	275.16	77.66	-1.89	2009.43	-95.08	-9.41
56195	46.90	-2.50	-10.50	309.01	92.48	1.47	2005.81	-97.73	-5.63
56196	48.30	-2.50	-10.50	353.68	111.60	6.66	2000.49	-103.85	-0.84
56197	49.70	-2.50	-10.50	418.71	137.27	13.46	1991.29	-115.81	5.89
56198	51.09	-2.50	-10.50	518.94	175.28	25.40	1974.50	-135.98	14.97
56199	52.49	-2.50	-10.50	672.64	243.26	43.17	1946.64	-177.48	45.40
56200	53.88	-2.50	-10.50	867.32	420.32	196.90	2000.85	-291.94	-259.15
56201	24.63	-1.65	-9.50	-19.08	96.10	-295.89	1615.28	-321.83	65.07
56202	26.02	-1.65	-9.50	-126.19	135.02	-112.16	1820.65	-430.19	85.46
56203	27.41	-1.65	-9.50	-122.35	103.97	-59.55	1832.54	-363.31	37.20
56204	28.80	-1.65	-9.50	-93.35	74.56	-50.32	1824.33	-322.40	30.58
56205	30.19	-1.65	-9.50	-55.11	53.06	-36.29	1819.08	-297.69	21.91
56206	31.58	-1.65	-9.50	-14.94	36.46	-27.10	1818.69	-283.56	15.21
56207	32.97	-1.65	-9.50	23.30	22.09	-21.60	1821.38	-276.84	11.17
56208	34.36	-1.65	-9.50	57.94	8.56	-19.51	1825.03	-274.37	9.86
56209	35.75	-1.65	-9.50	88.87	-4.38	-20.06	1828.08	-273.91	10.70
56210	37.14	-1.65	-9.50	116.75	-16.39	-22.38	1829.46	-274.11	12.94
56211	38.53	-1.65	-9.50	142.55	-26.91	-25.58	1828.43	-274.16	15.85
56212	39.92	-1.65	-9.50	167.25	-35.17	-28.80	1824.44	-273.62	18.75
56213	41.31	-1.65	-9.50	191.69	-40.23	-31.15	1816.99	-272.30	20.96
56214	42.70	-1.65	-9.50	216.51	-40.93	-31.74	1805.66	-270.18	21.85
56215	44.09	-1.65	-9.50	241.97	-35.95	-29.74	1790.17	-267.59	20.79
56216	45.48	-1.65	-9.50	267.83	-24.04	-24.50	1770.61	-265.33	17.43
56217	46.87	-1.65	-9.50	293.06	-4.60	-15.94	1747.82	-264.97	12.09
56218	48.26	-1.65	-9.50	315.68	21.41	-5.22	1723.82	-268.87	6.64
56219	49.65	-1.65	-9.50	333.10	50.88	5.49	1701.95	-279.62	4.56
56220	51.04	-1.65	-9.50	342.30	81.40	12.25	1685.92	-298.87	14.94
56221	52.43	-1.65	-9.50	337.33	118.01	41.57	1666.31	-305.95	2.61
56222	53.82	-1.65	-9.50	284.83	220.83	17.85	1513.77	-233.84	45.10
56223	24.68	-0.55	-9.50	105.24	126.66	-137.51	1538.85	-61.83	-32.41
56224	26.07	-0.55	-9.50	-44.21	140.25	12.80	1612.34	-110.16	11.94
56225	27.45	-0.55	-9.50	-83.79	119.95	18.73	1616.09	-51.89	-15.05
56226	28.84	-0.55	-9.50	-76.70	86.82	7.02	1625.87	-25.37	-3.90
56227	30.22	-0.55	-9.50	-49.13	60.02	5.63	1638.30	-12.07	-0.29
56228	31.61	-0.55	-9.50	-15.21	38.80	3.95	1650.96	-5.06	1.65
56229	32.99	-0.55	-9.50	18.92	22.51	2.91	1662.37	-2.04	2.62
56230	34.38	-0.55	-9.50	50.80	9.91	2.35	1671.55	-1.14	3.44
56231	35.76	-0.55	-9.50	79.85	0.18	2.18	1677.97	-1.19	4.46
56232	37.15	-0.55	-9.50	106.35	-7.10	2.24	1681.38	-1.58	5.70

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]
56233	38.53	-0.55	-9.50	130.85	-12.02	2.44	1681.66	-2.01	7.04
56234	39.92	-0.55	-9.50	153.87	-14.43	2.68	1678.69	-2.35	8.26
56235	41.30	-0.55	-9.50	175.74	-13.94	2.87	1672.35	-2.56	9.13
56236	42.69	-0.55	-9.50	196.57	-9.94	2.91	1662.43	-2.68	9.43
56237	44.07	-0.55	-9.50	216.17	-1.66	2.72	1648.73	-2.80	9.06
56238	45.46	-0.55	-9.50	233.97	11.72	2.20	1631.18	-3.13	8.18
56239	46.84	-0.55	-9.50	249.00	30.90	1.30	1609.99	-3.99	7.46
56240	48.23	-0.55	-9.50	259.94	56.14	-0.07	1585.91	-5.83	8.44
56241	49.61	-0.55	-9.50	265.27	87.45	-1.96	1560.81	-9.34	13.12
56242	51.00	-0.55	-9.50	263.00	124.56	-2.75	1539.39	-14.71	28.70
56243	52.38	-0.55	-9.50	248.04	181.18	15.76	1530.72	-7.77	11.86
56244	53.77	-0.55	-9.50	181.69	237.75	-77.19	1490.16	-28.26	89.88
56245	24.68	0.55	-9.50	20.18	157.11	-127.98	1513.95	-12.05	-49.14
56246	26.07	0.55	-9.50	-20.53	122.38	10.30	1572.61	-73.61	-10.94
56247	27.45	0.55	-9.50	-52.71	82.79	4.63	1566.05	-31.78	-35.11
56248	28.84	0.55	-9.50	-53.56	58.86	-1.73	1574.88	-14.82	-16.11
56249	30.22	0.55	-9.50	-35.16	39.81	-1.39	1592.11	-6.61	-6.49
56250	31.61	0.55	-9.50	-9.31	24.83	-1.57	1610.66	-2.41	-1.13
56251	32.99	0.55	-9.50	17.96	13.77	-1.79	1627.10	-0.57	1.60
56252	34.38	0.55	-9.50	44.26	6.35	-2.05	1640.02	0.06	3.21
56253	35.76	0.55	-9.50	68.91	2.08	-2.38	1649.01	0.08	4.51
56254	37.15	0.55	-9.50	91.91	0.54	-2.75	1654.08	-0.20	5.81
56255	38.53	0.55	-9.50	113.42	1.42	-3.13	1655.43	-0.65	7.11
56256	39.92	0.55	-9.50	133.53	4.61	-3.45	1653.26	-1.20	8.28
56257	41.30	0.55	-9.50	152.15	10.15	-3.65	1647.70	-1.84	9.12
56258	42.69	0.55	-9.50	168.92	18.31	-3.65	1638.84	-2.56	9.43
56259	44.07	0.55	-9.50	183.26	29.56	-3.32	1626.77	-3.30	9.13
56260	45.46	0.55	-9.50	194.32	44.74	-2.57	1611.73	-3.89	8.37
56261	46.84	0.55	-9.50	201.03	65.13	-1.29	1594.30	-3.96	7.78
56262	48.23	0.55	-9.50	202.17	92.66	0.56	1575.59	-2.94	8.85
56263	49.61	0.55	-9.50	196.56	129.27	2.30	1557.68	-0.41	13.32
56264	51.00	0.55	-9.50	185.06	176.87	9.93	1544.29	6.60	28.15
56265	52.38	0.55	-9.50	177.43	218.97	19.79	1540.74	36.39	10.80
56266	53.77	0.55	-9.50	224.63	224.94	-110.53	1501.24	16.59	93.18
56267	24.63	1.65	-9.50	22.07	141.26	-122.87	1496.28	136.70	-45.19
56268	26.02	1.65	-9.50	-27.36	45.81	-19.12	1640.83	158.57	-52.37
56269	27.41	1.65	-9.50	-41.30	24.25	-7.18	1635.14	195.64	-56.99
56270	28.80	1.65	-9.50	-33.22	14.52	2.39	1637.30	200.96	-24.96
56271	30.19	1.65	-9.50	-15.88	8.33	10.37	1653.01	202.97	-8.26
56272	31.58	1.65	-9.50	4.05	3.12	14.34	1673.37	205.53	0.42
56273	32.97	1.65	-9.50	24.14	0.12	16.73	1692.75	208.49	4.89
56274	34.36	1.65	-9.50	43.88	0.07	19.12	1708.40	211.18	7.96
56275	35.75	1.65	-9.50	63.28	2.98	22.14	1719.39	213.08	10.86
56276	37.14	1.65	-9.50	82.31	8.47	25.80	1725.69	213.95	13.98
56277	38.53	1.65	-9.50	100.77	16.12	29.75	1727.61	213.70	17.21
56278	39.92	1.65	-9.50	118.23	25.53	33.45	1725.58	212.35	20.24
56279	41.31	1.65	-9.50	134.05	36.40	36.18	1720.01	210.01	22.59
56280	42.70	1.65	-9.50	147.40	48.47	37.13	1711.37	206.94	23.71
56281	44.09	1.65	-9.50	157.30	61.66	35.47	1700.30	203.67	23.02
56282	45.48	1.65	-9.50	162.77	76.27	30.53	1687.95	201.29	20.15
56283	46.87	1.65	-9.50	163.02	93.52	22.10	1676.30	201.74	15.29
56284	48.26	1.65	-9.50	157.65	116.32	10.99	1668.58	207.88	10.05
56285	49.65	1.65	-9.50	146.44	149.45	-1.84	1669.15	222.52	7.45
56286	51.04	1.65	-9.50	128.91	198.08	-8.05	1681.41	249.58	14.15
56287	52.43	1.65	-9.50	104.23	260.14	-34.12	1689.24	297.76	-10.72
56288	53.82	1.65	-9.50	128.67	225.78	-222.93	1542.20	218.81	42.86
56289	24.63	-1.65	-10.50	-776.87	-60.95	-430.52	2286.37	-380.36	422.58
56290	26.02	-1.65	-10.50	-475.96	84.70	-8.29	2145.02	-168.91	20.21
56291	27.41	-1.65	-10.50	-268.90	92.06	-20.44	2152.16	-134.80	28.58
56292	28.80	-1.65	-10.50	-135.42	82.16	-14.33	2161.76	-107.04	16.48
56293	30.19	-1.65	-10.50	-51.98	69.50	-10.70	2164.66	-88.94	9.91
56294	31.58	-1.65	-10.50	1.69	58.55	-7.56	2163.82	-79.66	5.05
56295	32.97	-1.65	-10.50	38.95	50.19	-5.86	2161.74	-75.61	2.11
56296	34.36	-1.65	-10.50	67.89	44.70	-5.11	2159.50	-74.36	0.65
56297	35.75	-1.65	-10.50	92.91	42.00	-5.12	2157.34	-74.37	0.21
56298	37.14	-1.65	-10.50	116.33	41.87	-5.62	2155.17	-74.79	0.38
56299	38.53	-1.65	-10.50	139.29	44.01	-6.37	2152.80	-75.15	0.86
56300	39.92	-1.65	-10.50	162.37	48.12	-7.11	2150.08	-75.23	1.45
56301	41.31	-1.65	-10.50	185.80	53.98	-7.62	2146.90	-74.97	1.96
56302	42.70	-1.65	-10.50	209.72	61.54	-7.63	2143.24	-74.42	2.24
56303	44.09	-1.65	-10.50	234.29	71.01	-6.93	2139.11	-73.82	2.18
56304	45.48	-1.65	-10.50	260.07	82.96	-5.34	2134.50	-73.71	1.72
56305	46.87	-1.65	-10.50	288.69	98.39	-2.87	2129.03	-75.10	1.05
56306	48.26	-1.65	-10.50	323.82	118.71	0.24	2121.37	-79.48	0.86
56307	49.65	-1.65	-10.50	372.42	145.89	2.70	2108.13	-88.42	3.40
56308	51.04	-1.65	-10.50	445.45	184.31	7.07	2082.84	-102.32	7.37
56309	52.43	-1.65	-10.50	552.64	247.82	17.91	2042.61	-132.51	33.45
56310	53.82	-1.65	-10.50	680.99	380.04	88.72	2098.49	-198.10	-300.71
56311	24.68	-0.55	-10.50	-573.04	-11.26	-285.19	2321.78	-234.52	389.17
56312	26.07	-0.55	-10.50	-356.08	51.69	30.02	2197.04	-95.11	-20.67
56313	27.45	-0.55	-10.50	-208.47	54.17	4.82	2218.13	-77.56	3.98
56314	28.84	-0.55	-10.50	-112.37	55.21	0.90	2238.17	-54.41	4.25
56315	30.22	-0.55	-10.50	-50.31	52.67	-0.17	2248.01	-39.42	6.06
56316	31.61	-0.55	-10.50	-7.86	48.13	-0.39	2251.91	-32.09	6.11
56317	32.99	-0.55	-10.50	23.94	42.96	-0.72	2253.29	-28.99	5.98
56318	34.38	-0.55	-10.50	50.34	38.33	-1.01	2253.67	-28.09	6.26
56319	35.76	-0.55	-10.50	74.25	34.97	-1.34	2253.43	-28.18	7.15
56320	37.15	-0.55	-10.50	97.16	33.32	-1.73	2252.47	-28.60	8.56
56321	38.53	-0.55	-10.50	119.85	33.60	-2.12	2250.59	-29.02	10.21
56322	39.92	-0.55	-10.50	142.64	36.00	-2.48	2247.68	-29.28	11.78
56323	41.30	-0.55	-10.50	165.59	40.74	-2.75	2243.73	-29.34	12.91
56324	42.69	-0.55	-10.50	188.59	48.17	-2.86	2238.85	-29.22	13.27
56325	44.07	-0.55	-10.50	211.42	58.84	-2.77	2233.33	-29.03	12.64
56326	45.46	-0.55	-10.50	233.87	73.52	-2.44	2227.42	-29.01	11.06
56327	46.84	-0.55	-10.50	255.98	93.12	-1.91	2220.98	-29.58	9.20
56328	48.23	-0.55	-10.50	278.43	118.54	-1.36	2212.56	-31.28	8.56
56329	49.61	-0.55	-10.50	302.82	150.49	-1.66	2198.03	-34.27	12.42
56330	51.00	-0.55	-10.50	331.46	190.83	0.36	2169.90	-38.58	19.31
56331	52.38	-0.55	-10.50	364.94	244.58	11.20	2128.05	-58.74	53.22

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]
56332	53.77	-0.55	-10.50	401.75	315.35	-49.35	2184.72	-62.42	-294.53
56333	24.68	0.55	-10.50	-340.58	93.77	-196.56	2268.58	-107.99	348.86
56334	26.07	0.55	-10.50	-213.85	72.75	19.93	2159.19	-11.79	-62.78
56335	27.45	0.55	-10.50	-134.24	57.46	2.89	2188.93	-8.86	-29.35
56336	28.84	0.55	-10.50	-81.12	53.54	0.36	2211.41	6.00	-16.11
56337	30.22	0.55	-10.50	-43.52	49.18	0.79	2222.51	15.17	-4.85
56338	31.61	0.55	-10.50	-14.07	43.38	1.00	2227.62	19.56	0.86
56339	32.99	0.55	-10.50	11.00	37.16	1.00	2230.26	21.64	3.88
56340	34.38	0.55	-10.50	33.82	31.52	1.09	2231.79	22.53	5.81
56341	35.76	0.55	-10.50	55.63	27.08	1.28	2232.46	22.75	7.52
56342	37.15	0.55	-10.50	77.17	24.23	1.56	2232.16	22.59	9.29
56343	38.53	0.55	-10.50	98.81	23.31	1.90	2230.79	22.16	11.08
56344	39.92	0.55	-10.50	120.64	24.69	2.24	2228.34	21.53	12.69
56345	41.30	0.55	-10.50	142.60	28.84	2.54	2224.95	20.71	13.83
56346	42.69	0.55	-10.50	164.38	36.34	2.75	2220.93	19.74	14.17
56347	44.07	0.55	-10.50	185.45	47.86	2.81	2216.76	18.70	13.50
56348	45.46	0.55	-10.50	204.91	64.13	2.70	2212.90	17.82	11.86
56349	46.84	0.55	-10.50	221.15	85.88	2.51	2209.43	17.54	9.82
56350	48.23	0.55	-10.50	231.46	113.76	2.28	2205.02	18.60	8.76
56351	49.61	0.55	-10.50	231.46	148.02	2.38	2195.63	22.45	11.53
56352	51.00	0.55	-10.50	214.44	188.04	5.78	2174.47	28.99	15.90
56353	52.38	0.55	-10.50	171.94	230.65	27.19	2140.80	24.23	47.48
56354	53.77	0.55	-10.50	100.89	224.52	-166.40	2205.89	82.33	-302.81
56355	24.63	1.65	-10.50	-141.99	197.25	-131.71	2160.89	-28.43	337.54
56356	26.02	1.65	-10.50	-84.77	127.16	8.10	2066.95	45.63	-67.52
56357	27.41	1.65	-10.50	-66.81	93.95	-1.57	2090.86	45.33	-39.49
56358	28.80	1.65	-10.50	-53.61	71.64	0.24	2107.79	50.30	-23.40
56359	30.19	1.65	-10.50	-38.69	55.65	2.73	2114.78	52.36	-11.29
56360	31.58	1.65	-10.50	-21.62	43.00	3.97	2117.40	53.17	-5.25
56361	32.97	1.65	-10.50	-3.31	32.86	4.55	2118.40	53.74	-2.15
56362	34.36	1.65	-10.50	15.74	24.70	5.05	2118.72	54.18	-0.45
56363	35.75	1.65	-10.50	35.38	18.25	5.70	2118.56	54.37	0.66
56364	37.14	1.65	-10.50	55.62	13.45	6.53	2117.89	54.24	1.52
56365	38.53	1.65	-10.50	76.43	10.57	7.45	2116.73	53.72	2.24
56366	39.92	1.65	-10.50	97.72	10.11	8.31	2115.23	52.80	2.81
56367	41.31	1.65	-10.50	119.22	12.82	8.91	2113.66	51.49	3.15
56368	42.70	1.65	-10.50	140.46	19.55	9.05	2112.43	49.90	3.14
56369	44.09	1.65	-10.50	160.59	31.30	8.49	2112.09	48.27	2.63
56370	45.48	1.65	-10.50	178.00	49.02	7.06	2113.14	47.17	1.49
56371	46.87	1.65	-10.50	189.62	73.62	4.74	2115.73	47.66	-0.23
56372	48.26	1.65	-10.50	189.75	105.67	1.53	2118.89	51.38	-2.14
56373	49.65	1.65	-10.50	168.89	145.17	-1.62	2119.29	60.74	-2.85
56374	51.04	1.65	-10.50	113.22	188.82	-4.39	2110.64	75.18	-4.85
56375	52.43	1.65	-10.50	7.67	230.21	9.55	2095.03	85.01	13.91
56376	53.82	1.65	-10.50	-159.84	163.10	-308.97	2168.37	215.79	-332.20
56377	24.57	2.50	-9.50	-9.40	108.17	-118.48	1161.77	223.62	-49.54
56378	25.96	2.50	-9.50	-55.01	42.91	-27.03	1254.05	307.62	-56.00
56379	27.36	2.50	-9.50	-38.72	18.87	-0.33	1225.50	336.90	-52.43
56380	28.75	2.50	-9.50	-21.62	1.11	7.24	1223.62	336.26	-33.81
56381	30.15	2.50	-9.50	-6.21	-6.40	12.68	1232.86	334.46	-26.78
56382	31.55	2.50	-9.50	8.04	-9.96	15.39	1245.00	335.08	-24.51
56383	32.94	2.50	-9.50	22.07	-10.58	17.47	1255.84	337.19	-24.15
56384	34.34	2.50	-9.50	36.54	-9.13	20.04	1264.03	339.49	-24.80
56385	35.73	2.50	-9.50	51.67	-6.13	23.47	1269.41	341.15	-26.21
56386	37.13	2.50	-9.50	67.28	-1.91	27.59	1272.29	341.74	-28.17
56387	38.53	2.50	-9.50	82.91	3.44	31.92	1273.08	341.16	-30.36
56388	39.92	2.50	-9.50	97.92	9.95	35.74	1272.17	339.46	-32.38
56389	41.32	2.50	-9.50	111.43	17.77	38.15	1269.88	336.93	-33.74
56390	42.72	2.50	-9.50	122.42	27.08	38.00	1266.49	334.07	-34.02
56391	44.11	2.50	-9.50	129.71	38.07	33.89	1262.29	331.78	-32.94
56392	45.51	2.50	-9.50	132.10	50.92	24.18	1257.68	331.65	-30.53
56393	46.90	2.50	-9.50	128.53	65.96	7.05	1253.40	336.17	-27.13
56394	48.30	2.50	-9.50	118.54	83.71	-19.24	1250.98	348.84	-23.09
56395	49.70	2.50	-9.50	102.45	105.60	-57.20	1253.87	373.45	-17.26
56396	51.09	2.50	-9.50	80.12	132.56	-104.42	1268.02	413.31	-4.63
56397	52.49	2.50	-9.50	44.92	165.84	-212.84	1309.11	474.13	-3.50
56398	53.88	2.50	-9.50	55.66	183.03	-431.41	1231.98	380.62	59.16
56399	24.50	3.10	-9.50	-207.39	108.52	-96.56	1042.26	130.23	-70.60
56400	25.90	3.10	-9.50	-113.87	89.53	26.95	1103.05	137.24	-61.59
56401	27.30	3.10	-9.50	-48.50	21.52	13.71	1065.55	148.37	-57.20
56402	28.71	3.10	-9.50	-25.01	-10.07	-8.53	1060.08	146.00	-33.84
56403	30.11	3.10	-9.50	-14.84	-23.49	-21.48	1066.94	142.19	-24.75
56404	31.51	3.10	-9.50	-6.33	-26.11	-27.08	1077.22	138.39	-21.68
56405	32.91	3.10	-9.50	3.84	-23.86	-28.79	1086.43	134.83	-21.36
56406	34.32	3.10	-9.50	16.13	-19.51	-29.20	1093.27	131.73	-22.49
56407	35.72	3.10	-9.50	30.09	-14.36	-29.69	1097.70	129.16	-24.57
56408	37.12	3.10	-9.50	45.06	-8.79	-30.74	1100.08	127.12	-27.28
56409	38.52	3.10	-9.50	60.31	-2.65	-32.26	1100.82	125.65	-30.22
56410	39.93	3.10	-9.50	75.11	4.48	-33.96	1100.24	124.87	-32.91
56411	41.33	3.10	-9.50	88.56	13.18	-35.51	1098.49	125.09	-34.77
56412	42.73	3.10	-9.50	99.57	24.08	-36.78	1095.58	126.80	-35.19
56413	44.13	3.10	-9.50	106.74	37.71	-38.18	1091.41	130.70	-33.53
56414	45.54	3.10	-9.50	108.31	54.33	-41.28	1085.92	137.68	-29.15
56415	46.94	3.10	-9.50	102.38	73.46	-49.79	1079.38	148.80	-21.30
56416	48.34	3.10	-9.50	87.79	93.54	-70.49	1073.17	165.16	-8.42
56417	49.74	3.10	-9.50	66.44	110.33	-115.06	1071.53	188.50	13.05
56418	51.15	3.10	-9.50	48.67	122.53	-187.48	1084.46	223.57	54.08
56419	52.55	3.10	-9.50	64.36	103.28	-350.84	1136.07	299.39	95.76
56420	53.95	3.10	-9.50	239.43	172.61	-536.57	1120.16	293.40	179.89
56421	24.57	2.50	-10.50	-27.04	213.27	-110.07	2083.82	13.63	317.15
56422	25.96	2.50	-10.50	-13.72	189.62	10.18	1981.07	77.83	-68.05
56423	27.36	2.50	-10.50	-31.17	127.14	-0.39	1989.82	73.11	-38.83
56424	28.75	2.50	-10.50	-41.58	91.91	0.68	1999.28	68.78	-26.42
56425	30.15	2.50	-10.50	-40.13	67.43	1.67	2002.33	66.15	-18.81
56426	31.55	2.50	-10.50	-30.90	50.35	2.40	2002.74	64.58	-15.18
56427	32.94	2.50	-10.50	-16.95	38.05	2.87	2002.13	63.82	-13.38
56428	34.34	2.50	-10.50	-0.14	29.03	3.41	2001.11	63.45	-12.67
56429	35.73	2.50	-10.50	18.58	22.38	4.08	1999.94	63.14	-12.76
56430	37.13	2.50	-10.50	38.68	17.72	4.89	1998.76	62.69	-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]
56431	38.53	2.50	-10.50	59.82	15.10	5.73	1997.74	62.00	-14.33
56432	39.92	2.50	-10.50	81.68	14.87	6.46	1997.13	61.05	-15.23
56433	41.32	2.50	-10.50	103.81	17.67	6.91	1997.28	59.85	-15.78
56434	42.72	2.50	-10.50	125.54	24.33	6.82	1998.67	58.54	-15.68
56435	44.11	2.50	-10.50	145.71	35.89	5.90	2001.86	57.36	-14.67
56436	45.51	2.50	-10.50	162.18	53.58	3.75	2007.41	56.91	-12.69
56437	46.90	2.50	-10.50	170.98	78.79	-0.09	2015.66	58.23	-9.87
56438	48.30	2.50	-10.50	164.93	112.89	-6.51	2026.23	63.20	-6.33
56439	49.70	2.50	-10.50	132.16	156.55	-15.46	2037.19	74.54	-1.37
56440	51.09	2.50	-10.50	54.93	207.15	-31.27	2043.61	93.35	5.80
56441	52.49	2.50	-10.50	-83.03	243.42	-35.98	2045.74	118.68	36.79
56442	53.88	2.50	-10.50	-314.97	201.75	-420.61	2121.91	309.86	-276.09
56443	24.50	3.10	-10.50	40.98	294.76	-85.74	2033.04	53.14	291.63
56444	25.90	3.10	-10.50	12.50	230.54	16.22	1905.67	99.78	-76.87
56445	27.30	3.10	-10.50	-23.35	156.67	3.73	1917.58	75.58	-38.73
56446	28.71	3.10	-10.50	-42.45	113.80	-2.91	1921.13	64.72	-26.45
56447	30.11	3.10	-10.50	-46.62	86.05	-5.81	1920.78	59.87	-18.48
56448	31.51	3.10	-10.50	-40.99	67.16	-6.77	1918.72	57.41	-14.79
56449	32.91	3.10	-10.50	-29.06	53.98	-6.76	1916.46	55.99	-13.05
56450	34.32	3.10	-10.50	-13.05	44.81	-6.42	1914.38	54.97	-12.44
56451	35.72	3.10	-10.50	5.71	38.67	-6.11	1912.57	54.11	-12.61
56452	37.12	3.10	-10.50	26.39	34.97	-5.92	1911.12	53.29	-13.30
56453	38.52	3.10	-10.50	48.41	33.44	-5.84	1910.19	52.49	-14.19
56454	39.93	3.10	-10.50	71.25	34.04	-5.82	1910.03	51.73	-14.95
56455	41.33	3.10	-10.50	94.35	36.92	-5.78	1911.02	51.03	-15.18
56456	42.73	3.10	-10.50	116.86	42.44	-5.72	1913.69	50.52	-14.42
56457	44.13	3.10	-10.50	137.40	51.23	-5.75	1918.74	50.39	-12.24
56458	45.54	3.10	-10.50	153.54	64.27	-6.30	1927.04	51.05	-8.17
56459	46.94	3.10	-10.50	160.97	83.07	-8.30	1939.49	53.31	-1.69
56460	48.34	3.10	-10.50	152.19	109.43	-13.91	1956.58	58.98	8.10
56461	49.74	3.10	-10.50	115.01	144.72	-24.63	1977.17	71.60	23.90
56462	51.15	3.10	-10.50	30.67	184.03	-48.92	1997.36	95.98	47.88
56463	52.55	3.10	-10.50	-126.41	211.84	-52.55	2001.97	143.71	104.37
56464	53.95	3.10	-10.50	-417.03	120.98	-489.48	2085.47	374.09	-203.52
56465	24.37	3.96	-9.50	-453.61	106.10	-117.69	1102.13	130.86	-67.98
56466	25.79	3.96	-9.50	-232.55	81.24	48.75	1202.99	66.80	-52.31
56467	27.20	3.96	-9.50	-103.50	-18.84	7.16	1191.79	51.65	-42.33
56468	28.62	3.96	-9.50	-51.52	-69.02	-12.24	1187.79	32.70	-2.57
56469	30.03	3.96	-9.50	-33.08	-85.69	-23.66	1195.88	22.15	16.51
56470	31.44	3.96	-9.50	-24.18	-82.97	-27.90	1208.44	15.43	23.76
56471	32.86	3.96	-9.50	-15.53	-72.05	-28.89	1220.63	10.49	25.03
56472	34.27	3.96	-9.50	-4.53	-58.94	-29.00	1230.24	6.70	24.26
56473	35.69	3.96	-9.50	8.86	-46.18	-29.45	1236.75	3.84	23.25
56474	37.10	3.96	-9.50	23.84	-34.25	-30.53	1240.37	1.83	22.61
56475	38.52	3.96	-9.50	39.41	-22.46	-32.04	1241.46	0.62	22.35
56476	39.93	3.96	-9.50	54.48	-9.56	-33.52	1240.33	0.27	22.17
56477	41.35	3.96	-9.50	67.84	6.04	-34.42	1237.06	0.92	21.74
56478	42.76	3.96	-9.50	78.09	25.99	-34.28	1231.55	2.88	20.82
56479	44.18	3.96	-9.50	83.57	51.71	-32.95	1223.70	6.56	19.59
56480	45.59	3.96	-9.50	82.62	83.77	-31.07	1213.66	12.62	19.13
56481	47.01	3.96	-9.50	74.33	120.94	-30.84	1202.60	22.12	22.41
56482	48.42	3.96	-9.50	60.84	158.78	-36.76	1193.70	37.01	35.66
56483	49.83	3.96	-9.50	52.57	187.92	-58.07	1193.62	61.16	68.51
56484	51.25	3.96	-9.50	80.88	197.76	-88.95	1215.56	108.56	137.76
56485	52.66	3.96	-9.50	215.28	169.43	-185.69	1262.64	219.33	189.16
56486	54.08	3.96	-9.50	552.31	222.16	-355.66	1240.41	211.19	263.54
56487	24.17	5.07	-9.50	-680.68	57.62	-167.95	999.32	223.09	12.94
56488	25.60	5.07	-9.50	-367.45	15.39	40.81	1150.34	130.19	16.44
56489	27.04	5.07	-9.50	-177.63	-46.69	0.45	1188.63	87.27	-1.00
56490	28.47	5.07	-9.50	-88.95	-73.36	2.36	1207.02	46.57	11.75
56491	29.90	5.07	-9.50	-53.95	-77.16	1.95	1218.60	26.12	16.41
56492	31.34	5.07	-9.50	-39.84	-68.85	2.17	1226.48	16.66	17.48
56493	32.77	5.07	-9.50	-30.76	-55.50	2.23	1231.77	12.39	16.54
56494	34.21	5.07	-9.50	-20.49	-41.09	2.39	1235.00	10.47	15.03
56495	35.64	5.07	-9.50	-7.58	-27.29	2.60	1236.64	9.52	13.66
56496	37.07	5.07	-9.50	7.43	-14.27	2.86	1237.15	8.92	12.64
56497	38.51	5.07	-9.50	23.27	-1.37	3.16	1236.99	8.42	11.91
56498	39.94	5.07	-9.50	38.41	12.55	3.47	1236.53	7.92	11.29
56499	41.38	5.07	-9.50	51.14	28.90	3.77	1236.16	7.44	10.55
56500	42.81	5.07	-9.50	59.62	49.23	4.04	1236.26	7.16	9.52
56501	44.24	5.07	-9.50	62.04	75.02	4.29	1237.28	7.54	8.19
56502	45.68	5.07	-9.50	57.34	107.50	4.58	1239.86	9.69	6.93
56503	47.11	5.07	-9.50	47.06	147.12	4.97	1244.98	16.02	6.77
56504	48.55	5.07	-9.50	39.24	193.18	5.84	1253.99	31.48	9.72
56505	49.98	5.07	-9.50	55.85	242.80	4.85	1268.26	64.51	18.08
56506	51.41	5.07	-9.50	147.14	291.66	22.40	1286.39	136.72	34.47
56507	52.85	5.07	-9.50	394.10	329.99	-2.99	1289.85	278.58	3.34
56508	54.28	5.07	-9.50	832.89	325.96	-184.50	1212.13	231.62	108.92
56509	23.91	6.17	-9.50	-844.80	24.48	-194.80	885.53	310.07	139.72
56510	25.37	6.17	-9.50	-447.88	15.37	29.46	1120.49	172.63	95.89
56511	26.83	6.17	-9.50	-240.20	-35.33	-17.90	1203.45	106.32	49.58
56512	28.29	6.17	-9.50	-142.21	-48.67	-9.66	1237.71	56.95	37.48
56513	29.75	6.17	-9.50	-99.84	-48.99	-7.26	1250.92	32.59	28.29
56514	31.21	6.17	-9.50	-79.86	-41.21	-4.79	1254.32	21.60	22.48
56515	32.66	6.17	-9.50	-66.15	-29.90	-3.50	1253.64	17.19	18.43
56516	34.12	6.17	-9.50	-52.13	-17.53	-2.81	1251.65	15.73	15.68
56517	35.58	6.17	-9.50	-36.10	-5.21	-2.58	1249.57	15.38	13.92
56518	37.04	6.17	-9.50	-18.43	6.86	-2.63	1247.96	15.28	12.90
56519	38.50	6.17	-9.50	-0.25	19.08	-2.80	1247.18	15.05	12.33
56520	39.95	6.17	-9.50	17.02	32.13	-2.98	1247.63	14.55	11.92
56521	41.41	6.17	-9.50	31.84	46.88	-3.02	1249.92	13.78	11.36
56522	42.87	6.17	-9.50	42.55	64.30	-2.76	1254.89	12.93	10.30
56523	44.33	6.17	-9.50	47.60	85.37	-1.98	1263.60	12.58	8.36
56524	45.79	6.17	-9.50	46.40	111.05	-0.34	1277.20	14.13	5.10
56525	47.24	6.17	-9.50	41.43	142.17	2.45	1296.50	20.63	-0.07
56526	48.70	6.17	-9.50	42.44	179.56	7.14	1321.00	37.96	-8.24
56527	50.16	6.17	-9.50	73.83	223.63	10.48	1346.33	75.47	-22.67
56528	51.62	6.17	-9.50	185.86	281.84	38.35	1358.13	156.00	-44.83
56529	53.08	6.17	-9.50	455.11	333.86	9.02	1318.36	321.69	-108.77

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]
56530	54.54	6.17	-9.50	1003.67	369.12	-176.59	1142.02	329.36	-27.54
56531	23.61	7.26	-9.50	-700.11	9.34	33.99	933.68	687.34	370.96
56532	25.10	7.26	-9.50	-422.71	87.76	227.60	1326.72	663.74	267.49
56533	26.59	7.26	-9.50	-266.31	51.74	142.44	1455.02	616.61	162.51
56534	28.07	7.26	-9.50	-190.21	23.76	103.02	1498.23	577.79	104.60
56535	29.56	7.26	-9.50	-152.15	8.33	69.86	1509.07	556.38	67.65
56536	31.05	7.26	-9.50	-127.36	3.27	49.48	1507.16	546.62	45.78
56537	32.53	7.26	-9.50	-106.02	4.96	37.84	1501.99	543.59	33.48
56538	34.02	7.26	-9.50	-84.46	10.93	32.61	1497.20	543.78	27.31
56539	35.51	7.26	-9.50	-62.02	19.43	31.52	1493.87	545.10	24.93
56540	36.99	7.26	-9.50	-39.11	29.44	32.96	1492.10	546.46	24.81
56541	38.48	7.26	-9.50	-16.51	40.41	35.65	1491.91	547.37	25.86
56542	39.97	7.26	-9.50	4.99	52.02	38.48	1493.64	547.75	27.17
56543	41.46	7.26	-9.50	24.45	64.00	40.31	1498.15	547.83	27.84
56544	42.94	7.26	-9.50	40.84	75.95	39.71	1506.96	548.24	26.70
56545	44.43	7.26	-9.50	53.06	87.25	34.74	1522.20	550.22	22.06
56546	45.92	7.26	-9.50	60.49	96.97	22.77	1546.30	556.14	11.39
56547	47.40	7.26	-9.50	64.31	103.94	0.16	1581.05	570.13	-9.21
56548	48.89	7.26	-9.50	70.78	107.60	-36.83	1625.52	598.61	-45.49
56549	50.38	7.26	-9.50	95.58	108.74	-95.53	1670.83	649.24	-105.82
56550	51.86	7.26	-9.50	175.65	120.27	-152.25	1694.87	737.58	-201.83
56551	53.35	7.26	-9.50	367.12	178.88	-290.27	1637.08	915.45	-362.95
56552	54.84	7.26	-9.50	804.29	356.54	-531.66	1272.86	878.95	-338.89
56553	24.37	3.96	-10.50	129.12	510.21	-21.99	1947.84	102.66	291.16
56554	25.79	3.96	-10.50	40.40	301.53	17.77	1836.37	122.69	-71.57
56555	27.20	3.96	-10.50	-27.84	210.13	8.71	1845.88	68.74	-32.46
56556	28.62	3.96	-10.50	-59.79	144.47	-2.07	1848.93	46.80	-13.89
56557	30.03	3.96	-10.50	-68.89	102.98	-5.44	1844.61	35.72	-1.58
56558	31.44	3.96	-10.50	-64.88	76.35	-7.10	1839.26	30.23	3.67
56559	32.86	3.96	-10.50	-53.06	59.30	-7.45	1834.90	27.26	5.43
56560	34.27	3.96	-10.50	-36.28	48.31	-7.44	1831.73	25.38	5.66
56561	35.69	3.96	-10.50	-16.25	41.26	-7.47	1829.49	24.04	5.36
56562	37.10	3.96	-10.50	5.98	36.95	-7.66	1827.99	23.01	4.96
56563	38.52	3.96	-10.50	29.67	34.70	-7.97	1827.19	22.22	4.64
56564	39.93	3.96	-10.50	54.21	34.17	-8.26	1827.29	21.67	4.46
56565	41.35	3.96	-10.50	78.94	35.21	-8.40	1828.66	21.41	4.48
56566	42.76	3.96	-10.50	102.99	37.69	-8.26	1831.98	21.57	4.84
56567	44.18	3.96	-10.50	124.90	41.44	-7.82	1838.32	22.41	5.95
56568	45.59	3.96	-10.50	142.20	46.15	-7.33	1849.23	24.51	8.68
56569	47.01	3.96	-10.50	150.46	51.23	-7.45	1866.72	29.10	14.80
56570	48.42	3.96	-10.50	141.67	55.37	-10.20	1892.58	38.95	27.59
56571	49.83	3.96	-10.50	101.45	56.22	-16.81	1926.19	60.58	53.21
56572	51.25	3.96	-10.50	3.16	47.21	-32.50	1958.15	102.59	93.84
56573	52.66	3.96	-10.50	-201.08	32.68	-13.96	1974.19	172.96	160.98
56574	54.08	3.96	-10.50	-555.66	-166.14	-528.59	2040.63	403.89	-185.29
56575	24.17	5.07	-10.50	226.11	624.48	20.98	1855.97	167.32	329.92
56576	25.60	5.07	-10.50	61.35	376.08	2.18	1786.85	158.92	-15.80
56577	27.04	5.07	-10.50	-52.87	239.77	2.78	1802.29	76.15	4.04
56578	28.47	5.07	-10.50	-103.56	150.80	-4.18	1809.86	38.79	12.98
56579	29.90	5.07	-10.50	-115.86	93.71	-3.06	1807.72	19.11	19.09
56580	31.34	5.07	-10.50	-109.51	59.29	-3.01	1802.82	9.58	20.51
56581	32.77	5.07	-10.50	-93.85	39.41	-2.69	1798.22	5.15	19.78
56582	34.21	5.07	-10.50	-73.18	27.94	-2.47	1794.73	3.04	18.44
56583	35.64	5.07	-10.50	-49.58	21.06	-2.37	1792.30	1.91	17.29
56584	37.07	5.07	-10.50	-24.17	16.76	-2.38	1790.75	1.20	16.56
56585	38.51	5.07	-10.50	2.38	14.12	-2.44	1790.01	0.63	16.18
56586	39.94	5.07	-10.50	29.62	12.83	-2.50	1790.23	0.15	15.91
56587	41.38	5.07	-10.50	57.09	12.75	-2.48	1791.82	-0.24	15.49
56588	42.81	5.07	-10.50	84.18	13.59	-2.27	1795.57	-0.35	14.69
56589	44.24	5.07	-10.50	109.79	14.48	-1.81	1802.74	0.27	13.51
56590	45.68	5.07	-10.50	131.80	13.39	-1.04	1815.16	2.71	12.42
56591	47.11	5.07	-10.50	145.97	6.51	0.13	1835.19	9.22	12.69
56592	48.55	5.07	-10.50	143.37	-12.10	0.92	1865.02	24.60	16.76
56593	49.98	5.07	-10.50	104.59	-48.98	2.41	1904.33	59.22	28.35
56594	51.41	5.07	-10.50	-12.97	-106.09	3.91	1945.94	123.55	44.75
56595	52.85	5.07	-10.50	-275.19	-176.62	51.24	1984.85	207.82	78.21
56596	54.28	5.07	-10.50	-702.98	-366.98	-538.26	2047.57	434.90	-256.56
56597	23.91	6.17	-10.50	335.58	596.61	88.80	1749.84	290.26	418.74
56598	25.37	6.17	-10.50	60.98	319.42	-1.73	1713.86	241.33	93.67
56599	26.83	6.17	-10.50	-101.55	198.73	11.26	1737.45	141.64	71.88
56600	28.29	6.17	-10.50	-166.89	117.21	2.64	1748.51	96.44	50.37
56601	29.75	6.17	-10.50	-178.38	65.52	3.71	1750.75	73.14	37.80
56602	31.21	6.17	-10.50	-165.68	34.42	2.95	1748.41	62.43	29.12
56603	32.66	6.17	-10.50	-142.40	17.06	2.67	1744.47	58.23	23.42
56604	34.12	6.17	-10.50	-114.83	7.32	2.55	1740.70	56.96	19.83
56605	35.58	6.17	-10.50	-85.61	1.39	2.61	1737.76	56.76	17.78
56606	37.04	6.17	-10.50	-55.78	-2.73	2.78	1735.86	56.78	16.80
56607	38.50	6.17	-10.50	-25.65	-5.82	3.03	1735.04	56.63	16.44
56608	39.95	6.17	-10.50	4.81	-8.02	3.28	1735.50	56.19	16.25
56609	41.41	6.17	-10.50	35.67	-9.26	3.49	1737.70	55.47	15.75
56610	42.87	6.17	-10.50	66.94	-9.74	3.59	1742.40	54.70	14.39
56611	44.33	6.17	-10.50	98.13	-10.48	3.50	1750.71	54.49	11.53
56612	45.79	6.17	-10.50	127.70	-13.96	3.14	1764.05	56.33	6.38
56613	47.24	6.17	-10.50	151.61	-24.78	2.62	1784.01	63.23	-2.10
56614	48.70	6.17	-10.50	159.90	-49.69	1.24	1812.29	81.14	-15.64
56615	50.16	6.17	-10.50	129.94	-93.43	1.67	1851.74	121.70	-37.24
56616	51.62	6.17	-10.50	9.02	-152.79	1.61	1908.11	195.46	-74.56
56617	53.08	6.17	-10.50	-291.26	-200.43	70.11	1984.42	292.24	-97.54
56618	54.54	6.17	-10.50	-852.47	-398.03	-634.75	2076.22	586.62	-415.05
56619	23.61	7.26	-10.50	342.93	344.52	212.10	1497.15	472.18	463.12
56620	25.10	7.26	-10.50	-6.95	109.29	49.29	1465.00	381.12	157.25
56621	26.59	7.26	-10.50	-190.58	64.89	51.68	1455.60	287.31	92.32
56622	28.07	7.26	-10.50	-252.89	30.75	30.06	1456.01	243.79	52.71
56623	29.56	7.26	-10.50	-256.49	9.23	21.13	1456.87	222.14	31.54
56624	31.05	7.26	-10.50	-232.58	-3.08	14.58	1454.72	212.87	19.30
56625	32.53	7.26	-10.50	-197.93	-10.08	11.08	1450.78	209.98	12.31
56626	34.02	7.26	-10.50	-160.59	-14.72	9.41	1446.65	209.87	8.20
56627	35.51	7.26	-10.50	-123.83	-18.78	8.97	1443.28	210.65	5.68
56628	36.99	7.26	-10.50	-88.46	-22.95	9.25	1441.05	211.41	4.02

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]
56629	38.48	7.26	-10.50	-54.16	-27.18	9.90	1440.10	211.75	2.80
56630	39.97	7.26	-10.50	-20.17	-31.05	10.60	1440.60	211.55	1.73
56631	41.46	7.26	-10.50	14.43	-33.95	11.04	1442.92	210.88	0.53
56632	42.94	7.26	-10.50	50.43	-35.41	10.83	1447.65	209.99	-1.20
56633	44.43	7.26	-10.50	88.09	-35.39	9.43	1455.47	209.60	-4.12
56634	45.92	7.26	-10.50	126.29	-34.71	6.03	1467.05	211.26	-9.47
56635	47.40	7.26	-10.50	160.79	-35.50	-0.29	1482.94	218.07	-19.55
56636	48.89	7.26	-10.50	181.11	-40.96	-11.68	1504.66	235.77	-38.65
56637	50.38	7.26	-10.50	165.37	-53.22	-26.97	1538.58	274.45	-74.67
56638	51.86	7.26	-10.50	71.78	-64.79	-53.41	1609.30	344.07	-141.63
56639	53.35	7.26	-10.50	-205.68	-31.38	-8.35	1763.33	451.22	-222.83
56640	54.84	7.26	-10.50	-876.59	-176.71	-861.82	1938.79	882.24	-539.00
56641	23.35	8.10	-9.50	-564.11	-94.79	247.19	606.32	1145.96	225.93
56642	24.86	8.10	-9.50	-459.05	47.79	365.53	793.74	1337.73	104.23
56643	26.37	8.10	-9.50	-329.26	34.35	256.69	849.65	1319.56	24.06
56644	27.88	8.10	-9.50	-263.48	16.33	167.03	870.64	1283.77	-4.89
56645	29.39	8.10	-9.50	-219.06	8.06	104.73	871.67	1258.33	-14.82
56646	30.91	8.10	-9.50	-182.96	3.92	66.81	866.60	1245.58	-18.30
56647	32.42	8.10	-9.50	-150.40	2.97	45.72	860.53	1241.24	-19.52
56648	33.93	8.10	-9.50	-120.12	3.84	35.46	855.61	1241.39	-20.54
56649	35.44	8.10	-9.50	-91.80	5.78	31.73	852.32	1243.36	-22.07
56650	36.96	8.10	-9.50	-65.32	8.34	31.68	850.56	1245.67	-24.18
56651	38.47	8.10	-9.50	-40.53	11.26	33.35	850.19	1247.64	-26.61
56652	39.98	8.10	-9.50	-17.29	14.43	35.15	851.35	1249.27	-28.97
56653	41.49	8.10	-9.50	4.52	17.71	35.52	854.55	1251.08	-30.79
56654	43.01	8.10	-9.50	24.90	20.91	32.39	860.77	1254.28	-31.61
56655	44.52	8.10	-9.50	43.70	23.72	22.78	871.35	1261.01	-31.10
56656	46.03	8.10	-9.50	60.74	25.58	2.09	887.76	1274.82	-29.42
56657	47.54	8.10	-9.50	76.27	25.92	-36.82	910.96	1301.29	-27.70
56658	49.06	8.10	-9.50	92.35	23.67	-103.78	939.80	1348.14	-29.21
56659	50.57	8.10	-9.50	116.69	20.28	-213.18	969.81	1424.70	-40.16
56660	52.08	8.10	-9.50	165.85	16.93	-364.19	984.85	1539.71	-82.02
56661	53.59	8.10	-9.50	307.56	34.40	-662.17	998.59	1730.62	-195.65
56662	55.10	8.10	-9.50	607.84	339.11	-1022.48	899.97	1596.72	-196.87
56663	23.13	8.70	-9.50	-991.95	-136.72	120.91	331.77	1469.19	16.47
56664	24.66	8.70	-9.50	-632.08	42.48	234.30	236.80	1727.88	21.46
56665	26.20	8.70	-9.50	-469.43	8.44	100.54	274.75	1708.09	-36.42
56666	27.73	8.70	-9.50	-368.99	5.80	22.83	279.26	1639.21	-39.54
56667	29.26	8.70	-9.50	-299.04	1.49	-15.67	278.26	1595.87	-35.43
56668	30.79	8.70	-9.50	-243.35	0.30	-31.95	274.54	1572.94	-30.10
56669	32.33	8.70	-9.50	-196.90	-0.14	-38.93	270.64	1562.66	-26.48
56670	33.86	8.70	-9.50	-157.68	0.04	-43.06	267.49	1559.19	-24.91
56671	35.39	8.70	-9.50	-124.33	0.50	-47.20	265.30	1559.00	-25.17
56672	36.93	8.70	-9.50	-95.54	1.12	-52.20	264.01	1560.17	-26.72
56673	38.46	8.70	-9.50	-70.12	1.85	-57.92	263.55	1561.86	-28.94
56674	39.99	8.70	-9.50	-46.97	2.65	-63.78	263.93	1564.03	-31.16
56675	41.52	8.70	-9.50	-25.06	3.51	-69.00	265.35	1567.32	-32.65
56676	43.06	8.70	-9.50	-3.44	4.42	-72.86	268.18	1573.14	-32.58
56677	44.59	8.70	-9.50	18.75	5.28	-75.13	272.92	1583.86	-30.05
56678	46.12	8.70	-9.50	42.29	5.98	-77.02	280.04	1603.37	-24.18
56679	47.66	8.70	-9.50	67.94	6.14	-83.27	289.62	1637.95	-14.49
56680	49.19	8.70	-9.50	97.48	6.06	-105.11	300.93	1697.72	-1.26
56681	50.72	8.70	-9.50	135.44	2.12	-167.72	309.68	1799.38	11.54
56682	52.25	8.70	-9.50	201.67	11.32	-301.48	317.34	1971.87	15.55
56683	53.79	8.70	-9.50	350.42	-54.54	-714.19	284.21	2209.36	-54.56
56684	55.32	8.70	-9.50	1202.23	326.70	-1097.76	570.35	2184.90	106.14
56685	23.35	8.10	-10.50	151.52	45.12	266.91	1121.64	635.59	334.63
56686	24.86	8.10	-10.50	-151.00	-46.01	92.67	1044.28	547.96	85.79
56687	26.37	8.10	-10.50	-284.64	-23.62	70.91	978.61	469.06	24.08
56688	27.88	8.10	-10.50	-334.05	-24.79	38.88	968.09	425.15	2.00
56689	29.39	8.10	-10.50	-325.67	-22.63	23.14	963.51	403.02	-6.08
56690	30.91	8.10	-10.50	-289.59	-21.05	13.66	959.30	393.65	-9.25
56691	32.42	8.10	-10.50	-243.64	-19.90	8.73	954.65	390.78	-10.79
56692	33.93	8.10	-10.50	-197.07	-19.86	6.34	950.39	390.77	-12.16
56693	35.44	8.10	-10.50	-153.39	-20.95	5.40	947.06	391.69	-13.90
56694	36.96	8.10	-10.50	-113.08	-22.98	5.24	944.89	392.62	-16.06
56695	38.47	8.10	-10.50	-75.25	-25.51	5.44	943.91	393.19	-18.47
56696	39.98	8.10	-10.50	-38.44	-27.97	5.71	944.21	393.29	-20.85
56697	41.49	8.10	-10.50	-1.04	-29.74	5.74	946.03	393.04	-22.89
56698	43.01	8.10	-10.50	38.37	-30.12	5.14	949.77	392.76	-24.27
56699	44.52	8.10	-10.50	80.53	-28.53	3.30	955.82	393.22	-24.79
56700	46.03	8.10	-10.50	124.45	-24.58	-0.88	964.43	395.95	-24.63
56701	47.54	8.10	-10.50	165.44	-18.10	-9.07	975.76	403.97	-24.83
56702	49.06	8.10	-10.50	192.02	-9.83	-25.07	990.78	422.85	-28.26
56703	50.57	8.10	-10.50	184.45	2.73	-49.43	1016.74	461.92	-41.95
56704	52.08	8.10	-10.50	112.15	16.69	-102.22	1077.12	529.83	-79.04
56705	53.59	8.10	-10.50	-47.47	107.59	-105.69	1291.94	649.53	-154.38
56706	55.10	8.10	-10.50	-653.89	133.84	-1036.37	1587.48	1195.48	-408.16
56707	23.13	8.70	-10.50	-444.25	-33.26	147.35	658.80	846.02	155.35
56708	24.66	8.70	-10.50	-277.46	3.38	110.93	421.32	819.04	18.25
56709	26.20	8.70	-10.50	-355.55	-13.22	37.80	380.68	703.15	-11.87
56710	27.73	8.70	-10.50	-394.74	-6.08	11.19	370.25	636.28	-15.33
56711	29.26	8.70	-10.50	-377.16	-5.07	-1.74	367.07	603.97	-14.51
56712	30.79	8.70	-10.50	-330.52	-3.86	-6.90	364.40	590.41	-12.85
56713	32.33	8.70	-10.50	-275.36	-3.60	-9.09	361.97	585.70	-11.67
56714	33.86	8.70	-10.50	-221.78	-3.84	-10.34	359.86	584.78	-11.32
56715	35.39	8.70	-10.50	-173.30	-4.51	-11.55	358.26	585.20	-11.78
56716	36.93	8.70	-10.50	-129.96	-5.48	-12.99	357.21	585.87	-12.85
56717	38.46	8.70	-10.50	-90.32	-6.60	-14.61	356.70	586.36	-14.24
56718	39.99	8.70	-10.50	-52.42	-7.70	-16.26	356.73	586.56	-15.66
56719	41.52	8.70	-10.50	-14.22	-8.59	-17.70	357.38	586.57	-16.77
56720	43.06	8.70	-10.50	26.13	-9.07	-18.75	358.79	586.73	-17.19
56721	44.59	8.70	-10.50	69.72	-8.92	-19.33	361.07	587.78	-16.56
56722	46.12	8.70	-10.50	115.58	-7.87	-19.87	364.25	591.28	-14.57
56723	47.66	8.70	-10.50	158.15	-5.77	-21.84	368.25	600.74	-11.24
56724	49.19	8.70	-10.50	183.53	-1.68	-29.45	373.45	623.94	-7.35
56725	50.72	8.70	-10.50	166.41	3.08	-48.50	382.18	675.37	-6.42
56726	52.25	8.70	-10.50	80.00	20.96	-98.84	411.37	778.36	-9.04
56727	53.79	8.70	-10.50	-35.92	12.77	-199.36	505.65	985.77	-50.45

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]
56728	55.32	8.70	-10.50	69.28	169.78	-1056.21	1007.78	1653.68	-145.97
56729	56.42	-8.10	1.75	302.28	220.97	1125.38	-372.51	-2287.22	326.98
56730	56.65	-8.70	1.75	238.00	75.79	121.03	-144.17	-2132.53	204.57
56731	57.53	-8.10	1.75	320.27	212.55	940.94	-350.05	-1887.88	320.35
56732	57.78	-8.70	1.75	294.58	68.65	76.69	-139.42	-1879.20	200.69
56733	58.64	-8.10	1.75	391.92	157.92	541.90	-326.85	-1620.84	236.69
56734	58.90	-8.70	1.75	417.97	52.75	-8.96	-140.08	-1692.95	155.69
56735	59.75	-8.10	1.75	507.37	73.11	118.30	-304.96	-1457.57	132.36
56736	60.03	-8.70	1.75	586.32	-11.70	-90.86	-115.37	-1527.46	79.65
56737	60.87	-8.10	1.75	561.86	63.30	-96.86	-284.05	-1222.34	34.23
56738	61.16	-8.70	1.75	943.83	111.41	9.09	-237.76	-1347.17	129.52
56739	56.38	-8.10	0.25	118.87	-91.39	878.79	23.26	-2154.40	329.10
56740	56.61	-8.70	0.25	455.94	-141.16	1042.32	34.01	-2332.39	258.81
56741	57.41	-8.10	0.25	124.86	-62.03	623.54	65.21	-1661.77	311.43
56742	57.65	-8.70	0.25	422.22	-71.08	909.95	79.30	-2038.47	260.83
56743	58.44	-8.10	0.25	221.48	-45.73	285.73	56.86	-1393.85	211.63
56744	58.69	-8.70	0.25	404.11	-50.78	603.12	53.81	-1819.43	183.14
56745	59.46	-8.10	0.25	306.20	-51.95	25.61	32.20	-1220.82	137.10
56746	59.74	-8.70	0.25	435.33	-70.03	310.81	49.85	-1610.69	66.77
56747	60.49	-8.10	0.25	314.39	22.24	-74.90	-5.17	-1127.16	-52.45
56748	60.78	-8.70	0.25	631.47	60.73	203.06	-78.31	-1432.94	67.88
56749	56.33	-8.10	-1.25	165.97	278.65	555.09	29.68	-2131.07	287.56
56750	56.57	-8.70	-1.25	945.38	609.16	2341.41	-233.60	-2549.48	666.71
56751	57.28	-8.10	-1.25	81.73	271.43	244.29	142.83	-1707.91	205.75
56752	57.52	-8.70	-1.25	564.66	459.15	1836.34	-117.48	-2081.91	419.85
56753	58.23	-8.10	-1.25	104.25	170.85	58.14	127.28	-1500.22	106.20
56754	58.48	-8.70	-1.25	373.57	290.73	1231.92	-106.40	-1795.82	251.33
56755	59.17	-8.10	-1.25	85.13	113.57	-23.39	102.53	-1325.17	73.53
56756	59.44	-8.70	-1.25	246.34	199.24	740.01	-86.01	-1565.44	142.15
56757	60.12	-8.10	-1.25	52.70	139.66	-83.09	84.75	-1162.01	-78.45
56758	60.40	-8.70	-1.25	192.89	170.34	289.66	-106.91	-1339.98	79.19
56759	23.34	-8.10	1.75	614.05	-112.57	-750.02	-354.20	-2394.16	-176.03
56760	23.13	-8.70	1.75	677.81	-35.25	-216.86	-114.19	-2235.06	-106.38
56761	24.85	-8.10	1.75	592.67	-93.50	-558.52	-376.01	-2608.22	-146.68
56762	24.66	-8.70	1.75	685.83	-23.72	-139.69	-117.46	-2422.75	-82.14
56763	26.37	-8.10	1.75	579.12	-68.13	-366.91	-388.03	-2722.85	-97.83
56764	26.19	-8.70	1.75	680.86	-20.07	-66.11	-120.76	-2551.32	-55.63
56765	27.88	-8.10	1.75	586.29	-43.91	-221.30	-394.57	-2773.17	-57.72
56766	27.73	-8.70	1.75	683.09	-13.08	-20.62	-120.87	-2635.40	-30.92
56767	29.39	-8.10	1.75	599.62	-24.79	-122.64	-399.04	-2794.33	-29.20
56768	29.26	-8.70	1.75	679.86	-7.64	-4.30	-122.61	-2695.83	-14.50
56769	30.91	-8.10	1.75	608.83	-11.24	-57.98	-402.58	-2801.93	-11.21
56770	30.79	-8.70	1.75	669.63	-3.53	-2.94	-125.05	-2738.75	-4.72
56771	32.42	-8.10	1.75	610.58	-2.18	-16.46	-405.22	-2803.54	-0.63
56772	32.33	-8.70	1.75	653.23	-0.78	-8.15	-127.44	-2768.46	0.40
56773	33.93	-8.10	1.75	605.10	3.65	9.69	-407.10	-2803.18	5.06
56774	33.86	-8.70	1.75	632.20	1.00	-15.57	-129.36	-2788.46	2.60
56775	35.44	-8.10	1.75	593.91	7.34	25.83	-408.44	-2803.11	7.71
56776	35.39	-8.70	1.75	607.95	2.11	-23.58	-130.74	-2801.66	3.06
56777	36.96	-8.10	1.75	578.77	9.75	35.84	-409.41	-2804.70	8.59
56778	36.93	-8.70	1.75	581.55	2.83	-31.82	-131.60	-2810.31	2.55
56779	38.47	-8.10	1.75	561.36	11.56	42.75	-410.18	-2808.83	8.64
56780	38.46	-8.70	1.75	553.72	3.37	-40.36	-132.00	-2816.00	1.57
56781	39.98	-8.10	1.75	543.19	13.36	49.22	-410.83	-2816.11	8.60
56782	39.99	-8.70	1.75	524.89	3.92	-49.38	-131.95	-2819.50	0.52
56783	41.49	-8.10	1.75	525.74	15.76	57.98	-411.39	-2826.95	9.22
56784	41.52	-8.70	1.75	495.38	4.65	-59.07	-131.45	-2820.81	-0.23
56785	43.01	-8.10	1.75	510.53	19.46	72.14	-411.83	-2841.56	11.40
56786	43.06	-8.70	1.75	465.50	5.80	-69.54	-130.45	-2819.09	-0.20
56787	44.52	-8.10	1.75	499.13	25.37	95.58	-412.10	-2859.89	16.39
56788	44.59	-8.70	1.75	435.67	7.65	-80.67	-128.90	-2812.71	1.32
56789	46.03	-8.10	1.75	493.01	34.70	133.38	-412.16	-2881.40	26.08
56790	46.12	-8.70	1.75	406.48	10.57	-91.67	-126.85	-2799.25	5.50
56791	47.54	-8.10	1.75	492.93	49.08	192.39	-412.12	-2904.57	43.28
56792	47.66	-8.70	1.75	378.68	15.05	-100.15	-124.61	-2775.63	14.23
56793	49.06	-8.10	1.75	497.19	70.41	281.75	-412.46	-2925.91	72.00
56794	49.19	-8.70	1.75	353.34	21.59	-100.62	-123.23	-2738.35	30.41
56795	50.57	-8.10	1.75	498.27	100.24	412.84	-414.11	-2937.50	117.24
56796	50.72	-8.70	1.75	331.88	29.88	-84.17	-124.64	-2683.76	57.61
56797	52.08	-8.10	1.75	478.74	136.79	596.58	-416.11	-2920.76	180.78
56798	52.26	-8.70	1.75	314.65	39.83	-38.03	-130.05	-2608.89	98.24
56799	53.60	-8.10	1.75	419.98	175.09	824.54	-411.85	-2834.13	254.42
56800	53.79	-8.70	1.75	285.81	45.07	28.75	-130.29	-2498.07	141.26
56801	55.11	-8.10	1.75	340.80	201.99	1033.25	-394.34	-2638.48	301.37
56802	55.32	-8.70	1.75	267.24	63.81	92.51	-131.07	-2349.04	177.70
56803	23.34	-8.10	0.25	580.46	52.62	-752.50	22.66	-2337.34	-150.21
56804	23.13	-8.70	0.25	453.92	51.89	-873.75	-9.98	-2398.41	-133.05
56805	24.86	-8.10	0.25	443.86	20.00	-483.44	35.58	-2520.60	-93.79
56806	24.66	-8.70	0.25	418.99	0.22	-596.46	-33.74	-2605.64	-123.93
56807	26.37	-8.10	0.25	393.21	14.63	-289.25	54.86	-2579.22	-59.07
56808	26.20	-8.70	0.25	473.71	3.72	-343.59	-8.13	-2689.86	-72.90
56809	27.88	-8.10	0.25	396.67	7.80	-175.95	69.47	-2608.42	-34.27
56810	27.73	-8.70	0.25	512.88	-0.21	-200.62	4.53	-2766.97	-44.02
56811	29.39	-8.10	0.25	419.00	3.46	-104.06	76.42	-2626.80	-18.31
56812	29.26	-8.70	0.25	535.53	-0.92	-115.14	11.89	-2833.27	-23.53
56813	30.91	-8.10	0.25	444.82	0.92	-56.77	79.36	-2637.90	-7.80
56814	30.79	-8.70	0.25	544.45	-1.13	-66.67	14.84	-2887.16	-10.21
56815	32.42	-8.10	0.25	467.40	-0.60	-25.26	80.08	-2644.20	-1.45
56816	32.33	-8.70	0.25	544.44	-1.00	-40.66	15.62	-2927.80	-1.96
56817	33.93	-8.10	0.25	484.93	-1.45	-4.37	79.86	-2647.85	2.03
56818	33.86	-8.70	0.25	539.10	-0.81	-28.78	15.43	-2956.59	2.68
56819	35.44	-8.10	0.25	497.83	-1.91	9.20	79.39	-2650.66	3.63
56820	35.39	-8.70	0.25	530.90	-0.62	-25.93	14.96	-2975.97	4.99
56821	36.96	-8.10	0.25	507.42	-2.17	17.87	79.07	-2654.03	4.12
56822	36.93	-8.70	0.25	521.32	-0.46	-28.84	14.60	-2988.45	5.91
56823	38.47	-8.10	0.25	515.36	-2.35	23.67	79.11	-2658.99	4.07
56824	38.46	-8.70	0.25	511.09	-0.33	-35.10	14.54	-2995.95	6.16
56825	39.98	-8.10	0.25	523.39	-2.52	28.53	79.61	-2666.26	3.96
56826	39.99	-8.70	0.25	500.52	-0.19	-42.64	14.88	-2999.51	6.36

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]
56827	41.49	-8.10	0.25	533.27	-2.75	34.39	80.56	-2676.31	4.28
56828	41.52	-8.70	0.25	489.72	-0.01	-49.36	15.61	-2999.15	7.10
56829	43.01	-8.10	0.25	546.66	-3.16	43.34	81.89	-2689.36	5.60
56830	43.06	-8.70	0.25	478.91	0.23	-52.90	16.63	-2993.96	9.09
56831	44.52	-8.10	0.25	564.96	-3.90	57.70	83.33	-2705.34	8.68
56832	44.59	-8.70	0.25	468.65	0.56	-50.14	17.67	-2982.26	13.31
56833	46.03	-8.10	0.25	588.94	-5.21	80.17	84.35	-2723.80	14.57
56834	46.12	-8.70	0.25	460.16	0.94	-36.56	18.18	-2962.12	21.06
56835	47.54	-8.10	0.25	617.69	-7.56	114.09	83.89	-2743.96	24.67
56836	47.66	-8.70	0.25	455.65	1.27	-5.04	17.04	-2932.12	34.10
56837	49.06	-8.10	0.25	646.60	-11.51	164.03	79.86	-2764.79	40.64
56838	49.19	-8.70	0.25	458.87	1.08	55.61	12.16	-2892.51	54.48
56839	50.57	-8.10	0.25	663.10	-18.56	237.04	68.99	-2785.15	64.53
56840	50.72	-8.70	0.25	476.18	0.00	163.50	-0.35	-2846.12	85.07
56841	52.08	-8.10	0.25	640.55	-28.90	347.61	45.02	-2802.64	101.88
56842	52.25	-8.70	0.25	514.90	-6.59	339.43	-23.83	-2795.71	130.22
56843	53.59	-8.10	0.25	522.94	-43.36	530.42	11.88	-2791.30	162.52
56844	53.79	-8.70	0.25	582.42	-6.01	632.83	-67.95	-2752.34	210.51
56845	55.11	-8.10	0.25	277.69	-81.87	779.36	-10.06	-2637.82	242.27
56846	55.32	-8.70	0.25	525.10	-76.22	914.63	-26.48	-2594.95	245.73
56847	23.34	-8.10	-1.25	468.40	-44.89	-771.16	-182.27	-2445.41	-34.10
56848	23.13	-8.70	-1.25	-92.63	-143.58	-1622.53	-235.73	-2672.81	-226.73
56849	24.86	-8.10	-1.25	279.00	19.43	-373.38	-85.76	-2494.92	-77.20
56850	24.66	-8.70	-1.25	225.66	45.08	-845.39	-58.66	-2619.90	-35.96
56851	26.37	-8.10	-1.25	259.11	0.73	-236.81	-48.25	-2527.54	-34.08
56852	26.20	-8.70	-1.25	341.87	-0.50	-547.69	-41.18	-2670.74	-40.30
56853	27.88	-8.10	-1.25	268.16	-1.23	-158.88	-30.54	-2569.87	-23.33
56854	27.73	-8.70	-1.25	414.87	1.42	-346.74	-16.11	-2731.66	-20.88
56855	29.39	-8.10	-1.25	294.60	-1.80	-106.72	-18.50	-2604.31	-12.34
56856	29.26	-8.70	-1.25	449.93	-1.47	-219.07	-4.11	-2794.46	-12.09
56857	30.91	-8.10	-1.25	326.67	-1.91	-69.57	-12.14	-2630.10	-5.16
56858	30.79	-8.70	-1.25	464.45	-1.80	-134.23	2.80	-2847.86	-4.96
56859	32.42	-8.10	-1.25	359.37	-1.41	-42.28	-8.94	-2647.77	-0.33
56860	32.33	-8.70	-1.25	468.69	-1.68	-80.43	6.16	-2889.03	-0.43
56861	33.93	-8.10	-1.25	390.45	-0.90	-22.71	-7.61	-2659.40	2.60
56862	33.86	-8.70	-1.25	469.04	-1.28	-48.95	7.52	-2918.31	2.35
56863	35.44	-8.10	-1.25	419.41	-0.44	-9.29	-7.22	-2667.30	4.23
56864	35.39	-8.70	-1.25	468.89	-0.88	-33.48	7.89	-2937.85	3.86
56865	36.96	-8.10	-1.25	446.78	-0.06	-0.60	-7.17	-2673.36	5.08
56866	36.93	-8.70	-1.25	469.60	-0.52	-28.79	7.92	-2950.13	4.62
56867	38.47	-8.10	-1.25	473.73	0.25	4.88	-7.11	-2679.01	5.56
56868	38.46	-8.70	-1.25	471.32	-0.21	-30.38	8.00	-2957.13	5.03
56869	39.98	-8.10	-1.25	501.77	0.57	8.69	-6.89	-2685.12	6.05
56870	39.99	-8.70	-1.25	473.59	0.11	-34.07	8.26	-2959.96	5.44
56871	41.49	-8.10	-1.25	532.49	0.96	12.43	-6.57	-2692.13	6.91
56872	41.52	-8.70	-1.25	475.80	0.48	-35.65	8.67	-2958.73	6.21
56873	43.01	-8.10	-1.25	567.30	1.48	17.59	-6.41	-2700.00	8.57
56874	43.06	-8.70	-1.25	477.66	0.96	-30.58	8.94	-2952.67	7.73
56875	44.52	-8.10	-1.25	607.12	2.15	25.52	-6.92	-2708.17	11.58
56876	44.59	-8.70	-1.25	479.68	1.52	-13.59	8.54	-2940.42	10.55
56877	46.03	-8.10	-1.25	651.96	2.89	37.30	-8.98	-2715.54	16.58
56878	46.12	-8.70	-1.25	483.87	2.07	21.79	6.54	-2920.68	15.28
56879	47.54	-8.10	-1.25	700.29	3.63	53.73	-13.95	-2720.68	24.23
56880	47.66	-8.70	-1.25	494.81	2.21	83.66	1.47	-2893.33	22.48
56881	49.06	-8.10	-1.25	748.03	3.38	75.44	-23.78	-2722.45	34.95
56882	49.19	-8.70	-1.25	521.09	1.77	183.24	-8.96	-2861.07	32.74
56883	50.57	-8.10	-1.25	787.16	3.19	104.98	-42.34	-2721.79	49.50
56884	50.72	-8.70	-1.25	576.91	-2.43	335.33	-27.47	-2830.95	45.09
56885	52.08	-8.10	-1.25	799.93	-3.12	146.62	-70.69	-2723.19	64.28
56886	52.25	-8.70	-1.25	687.70	-0.35	576.72	-65.53	-2818.11	65.49
56887	53.59	-8.10	-1.25	762.33	-15.51	231.55	-138.38	-2756.01	106.56
56888	53.79	-8.70	-1.25	878.93	-62.62	922.26	-106.15	-2830.02	68.58
56889	55.11	-8.10	-1.25	479.40	1.63	482.52	-264.21	-2770.64	163.33
56890	55.32	-8.70	-1.25	1380.97	164.33	1823.49	-374.68	-3039.66	352.11
56891	17.58	-8.10	1.75	-140.24	-51.64	107.50	-264.92	-900.99	-49.34
56892	17.29	-8.70	1.75	-544.23	-95.67	112.41	-202.39	-1089.84	-102.94
56893	18.70	-8.10	1.75	29.35	-46.88	-149.87	-250.31	-1093.16	-105.18
56894	18.42	-8.70	1.75	-63.03	23.93	59.22	-101.86	-1213.42	-64.15
56895	19.81	-8.10	1.75	247.19	-104.23	-483.42	-263.84	-1260.26	-158.07
56896	19.55	-8.70	1.75	227.88	-33.89	-84.88	-113.60	-1365.69	-104.39
56897	20.92	-8.10	1.75	441.40	-130.01	-768.24	-290.15	-1569.30	-198.79
56898	20.67	-8.70	1.75	470.64	-42.77	-203.59	-111.62	-1605.65	-127.82
56899	22.03	-8.10	1.75	578.32	-129.66	-870.04	-324.48	-2015.06	-193.41
56900	21.80	-8.70	1.75	633.69	-45.95	-260.56	-118.71	-1949.12	-125.06
56901	17.96	-8.10	0.25	108.58	7.97	48.62	-45.65	-741.54	20.98
56902	17.67	-8.70	0.25	-250.10	-51.32	-69.97	-63.03	-1048.96	-56.28
56903	18.99	-8.10	0.25	159.91	49.01	-132.97	27.59	-830.20	-85.00
56904	18.71	-8.70	0.25	38.57	58.74	-254.61	23.38	-1173.52	-41.58
56905	20.01	-8.10	0.25	313.88	36.72	-408.61	50.36	-997.88	-139.35
56906	19.76	-8.70	0.25	193.24	35.05	-552.94	39.10	-1357.63	-109.35
56907	21.04	-8.10	0.25	510.79	56.35	-727.70	61.48	-1298.37	-211.79
56908	20.80	-8.70	0.25	324.23	62.08	-866.70	59.77	-1610.18	-152.10
56909	22.07	-8.10	0.25	647.97	78.33	-909.64	38.15	-1837.57	-220.90
56910	21.84	-8.70	0.25	447.95	110.13	-1015.23	26.26	-2020.35	-134.32
56911	18.33	-8.10	-1.25	238.34	-62.49	-16.59	-23.87	-708.62	54.18
56912	18.05	-8.70	-1.25	80.80	-78.11	-137.99	-117.73	-953.79	-38.97
56913	19.28	-8.10	-1.25	247.56	-84.81	-182.54	12.82	-809.66	-13.38
56914	19.01	-8.70	-1.25	132.46	-110.81	-536.31	-108.28	-1103.23	-73.09
56915	20.22	-8.10	-1.25	306.82	-161.61	-363.29	39.32	-966.23	-35.02
56916	19.97	-8.70	-1.25	132.60	-220.51	-1002.32	-105.75	-1278.98	-171.48
56917	21.17	-8.10	-1.25	417.87	-279.17	-647.61	44.03	-1200.32	-86.50
56918	20.93	-8.70	-1.25	112.71	-394.63	-1586.00	-115.76	-1535.82	-318.94
56919	22.12	-8.10	-1.25	498.51	-306.97	-990.49	-34.05	-1697.88	-92.04
56920	21.88	-8.70	-1.25	10.10	-511.99	-2081.01	-177.47	-2043.01	-491.15
56921	23.35	-8.10	-2.70	580.11	-18.95	-620.25	-228.39	-2340.25	387.04
56922	23.13	-8.70	-2.70	-178.87	-166.42	-1323.57	-253.08	-2616.66	33.40
56923	24.86	-8.10	-2.70	321.55	35.47	-365.02	-82.62	-2330.01	-32.16
56924	24.66	-8.70	-2.70	208.96	63.55	-967.94	-71.07	-2657.52	51.39
56925	26.37	-8.10	-2.70	259.03	2.62	-258.62	-40.21	-2411.41	6.97



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]
56926	26.20	-8.70	-2.70	323.09	-3.87	-663.33	-55.98	-2699.74	-11.72
56927	27.88	-8.10	-2.70	236.63	1.57	-192.02	-20.47	-2482.62	-1.75
56928	27.73	-8.70	-2.70	388.36	1.27	-453.48	-24.65	-2754.91	1.47
56929	29.39	-8.10	-2.70	242.51	-0.65	-141.47	-5.75	-2538.54	0.67
56930	29.26	-8.70	-2.70	412.10	-2.40	-300.75	-11.15	-2811.32	-0.39
56931	30.91	-8.10	-2.70	262.55	-1.59	-101.08	2.30	-2579.93	1.57
56932	30.79	-8.70	-2.70	417.22	-2.66	-190.27	-2.28	-2855.96	1.58
56933	32.42	-8.10	-2.70	291.05	-1.51	-69.23	6.79	-2608.17	2.75
56934	32.33	-8.70	-2.70	415.78	-2.37	-114.34	2.39	-2888.17	2.66
56935	33.93	-8.10	-2.70	324.11	-1.21	-45.54	8.88	-2626.63	3.60
56936	33.86	-8.70	-2.70	414.83	-1.74	-66.31	4.55	-2909.48	3.60
56937	35.44	-8.10	-2.70	359.36	-0.83	-29.11	9.67	-2638.46	4.28
56938	35.39	-8.70	-2.70	417.35	-1.11	-39.57	5.34	-2922.79	4.30
56939	36.96	-8.10	-2.70	395.83	-0.50	-18.61	9.90	-2646.13	4.86
56940	36.93	-8.70	-2.70	423.74	-0.56	-27.60	5.55	-2930.73	4.90
56941	38.47	-8.10	-2.70	433.59	-0.21	-12.37	10.03	-2651.31	5.44
56942	38.46	-8.70	-2.70	433.07	-0.10	-24.25	5.66	-2935.19	5.50
56943	39.98	-8.10	-2.70	473.38	0.07	-8.59	10.22	-2654.93	6.08
56944	39.99	-8.70	-2.70	443.86	0.36	-23.68	5.86	-2937.16	6.15
56945	41.49	-8.10	-2.70	516.16	0.41	-5.54	10.40	-2657.24	6.85
56946	41.52	-8.70	-2.70	454.62	0.90	-20.07	6.05	-2936.80	6.94
56947	43.01	-8.10	-2.70	562.57	0.82	-1.62	10.19	-2657.85	7.84
56948	43.06	-8.70	-2.70	464.34	1.59	-7.30	5.86	-2933.57	7.97
56949	44.52	-8.10	-2.70	612.46	1.27	4.39	8.91	-2655.59	9.18
56950	44.59	-8.70	-2.70	473.12	2.37	21.37	4.56	-2926.30	9.37
56951	46.03	-8.10	-2.70	664.37	1.53	13.20	5.54	-2648.42	10.92
56952	46.12	-8.70	-2.70	483.15	3.11	73.25	1.04	-2913.65	11.25
56953	47.54	-8.10	-2.70	715.26	1.47	24.87	-1.38	-2633.45	13.09
56954	47.66	-8.70	-2.70	500.23	3.24	155.85	-6.20	-2894.73	13.41
56955	49.06	-8.10	-2.70	760.34	-0.51	38.57	-13.42	-2607.29	14.66
56956	49.19	-8.70	-2.70	535.78	2.56	276.74	-19.28	-2870.81	15.92
56957	50.57	-8.10	-2.70	793.36	-2.56	54.56	-34.71	-2567.95	15.96
56958	50.72	-8.70	-2.70	608.69	-2.77	444.60	-39.23	-2845.89	13.64
56959	52.08	-8.10	-2.70	800.11	-10.68	75.13	-60.95	-2512.72	4.24
56960	52.25	-8.70	-2.70	753.98	2.12	675.30	-83.38	-2836.17	20.56
56961	53.59	-8.10	-2.70	779.45	-45.10	118.75	-136.35	-2445.87	13.89
56962	53.79	-8.70	-2.70	993.67	-89.81	1011.82	-93.24	-2843.60	-65.78
56963	55.10	-8.10	-2.70	522.34	66.71	351.76	-243.28	-2426.42	-397.11
56964	55.32	-8.70	-2.70	1695.68	276.37	1453.56	-459.48	-2877.62	-70.14
56965	23.35	-8.10	-4.10	678.70	45.40	-597.47	-127.43	-2489.45	508.90
56966	23.13	-8.70	-4.10	247.33	-7.40	-937.61	-14.13	-2622.63	58.00
56967	24.86	-8.10	-4.10	473.05	22.01	-487.33	-60.69	-2332.57	14.17
56968	24.66	-8.70	-4.10	338.70	33.01	-860.58	-67.63	-2743.16	119.32
56969	26.37	-8.10	-4.10	338.18	1.14	-377.10	-43.26	-2368.83	43.51
56970	26.20	-8.70	-4.10	391.69	2.51	-679.86	-43.65	-2769.40	25.09
56971	27.88	-8.10	-4.10	267.67	0.95	-288.65	-24.28	-2440.60	18.91
56972	27.73	-8.70	-4.10	409.69	0.69	-494.28	-20.75	-2812.36	23.66
56973	29.39	-8.10	-4.10	238.13	-1.70	-214.57	-11.32	-2501.92	13.35
56974	29.26	-8.70	-4.10	400.79	-2.22	-337.77	-7.78	-2853.07	12.79
56975	30.91	-8.10	-4.10	235.66	-2.14	-153.08	-3.62	-2546.96	8.62
56976	30.79	-8.70	-4.10	384.59	-2.81	-215.12	0.49	-2879.24	8.90
56977	32.42	-8.10	-4.10	251.77	-1.91	-105.56	0.57	-2577.03	6.15
56978	32.33	-8.70	-4.10	371.68	-2.48	-127.44	4.79	-2893.33	6.12
56979	33.93	-8.10	-4.10	279.50	-1.41	-71.53	2.42	-2596.23	4.89
56980	33.86	-8.70	-4.10	366.66	-1.85	-70.52	6.65	-2899.58	4.87
56981	35.44	-8.10	-4.10	313.97	-0.91	-49.06	3.02	-2608.00	4.59
56982	35.39	-8.70	-4.10	370.05	-1.22	-37.59	7.20	-2901.82	4.56
56983	36.96	-8.10	-4.10	352.38	-0.49	-35.45	3.13	-2614.79	4.92
56984	36.93	-8.70	-4.10	380.30	-0.71	-21.29	7.26	-2902.53	4.91
56985	38.47	-8.10	-4.10	393.58	-0.14	-27.85	3.19	-2618.07	5.59
56986	38.46	-8.70	-4.10	395.08	-0.28	-14.63	7.30	-2903.05	5.61
56987	39.98	-8.10	-4.10	437.44	0.20	-23.44	3.36	-2618.53	6.36
56988	39.99	-8.70	-4.10	411.98	0.13	-11.13	7.47	-2903.96	6.41
56989	41.49	-8.10	-4.10	484.17	0.59	-19.55	3.53	-2616.21	7.00
56990	41.52	-8.70	-4.10	428.77	0.63	-4.43	7.67	-2905.42	7.07
56991	43.01	-8.10	-4.10	533.56	1.08	-13.64	3.31	-2610.49	7.25
56992	43.06	-8.70	-4.10	443.73	1.26	12.14	7.48	-2907.15	7.32
56993	44.52	-8.10	-4.10	584.25	1.64	-3.33	2.02	-2599.99	6.80
56994	44.59	-8.70	-4.10	456.04	1.98	45.83	6.18	-2908.33	6.84
56995	46.03	-8.10	-4.10	633.01	2.06	13.49	-1.40	-2582.30	5.24
56996	46.12	-8.70	-4.10	466.67	2.57	104.28	2.66	-2907.30	5.25
56997	47.54	-8.10	-4.10	674.23	2.04	38.39	-8.28	-2553.86	2.15
56998	47.66	-8.70	-4.10	479.94	2.54	194.28	-4.56	-2901.35	1.80
56999	49.06	-8.10	-4.10	700.02	0.55	72.09	-20.01	-2510.06	-3.96
57000	49.19	-8.70	-4.10	505.66	0.94	319.67	-17.06	-2887.55	-3.63
57001	50.57	-8.10	-4.10	700.84	-2.47	115.47	-38.59	-2447.84	-12.95
57002	50.72	-8.70	-4.10	561.19	-3.39	478.37	-35.56	-2864.41	-17.93
57003	52.08	-8.10	-4.10	661.65	-6.35	175.13	-59.95	-2369.54	-45.24
57004	52.25	-8.70	-4.10	673.88	-8.44	664.82	-67.56	-2841.01	-29.35
57005	53.59	-8.10	-4.10	569.34	-43.76	276.91	-97.41	-2315.59	-39.32
57006	53.79	-8.70	-4.10	840.34	-55.56	845.11	-64.67	-2821.02	-139.25
57007	55.10	-8.10	-4.10	366.91	90.97	454.75	-72.10	-2442.61	-493.22
57008	55.32	-8.70	-4.10	1119.09	138.47	968.36	-148.08	-2714.21	-69.33
57009	23.35	-8.10	-5.50	565.03	38.38	-616.96	-29.19	-2557.85	468.20
57010	23.13	-8.70	-5.50	505.87	34.46	-662.07	41.27	-2607.93	27.09
57011	24.86	-8.10	-5.50	506.87	9.17	-623.57	-3.97	-2418.92	25.76
57012	24.66	-8.70	-5.50	495.34	12.48	-700.12	-29.11	-2796.36	121.16
57013	26.37	-8.10	-5.50	395.78	1.20	-534.74	-6.87	-2422.28	65.80
57014	26.20	-8.70	-5.50	478.96	6.22	-621.48	-23.08	-2855.87	44.61
57015	27.88	-8.10	-5.50	299.79	-0.37	-415.93	3.20	-2471.71	36.52
57016	27.73	-8.70	-5.50	434.24	1.11	-476.24	-13.65	-2895.76	39.96
57017	29.39	-8.10	-5.50	241.48	-2.45	-301.55	11.26	-2515.00	24.13
57018	29.26	-8.70	-5.50	383.75	-1.84	-325.61	-4.89	-2913.63	22.95
57019	30.91	-8.10	-5.50	219.85	-2.33	-207.91	15.72	-2544.70	14.18
57020	30.79	-8.70	-5.50	344.56	-2.41	-202.33	0.37	-2910.96	14.15
57021	32.42	-8.10	-5.50	224.53	-1.87	-139.22	17.47	-2563.25	8.39
57022	32.33	-8.70	-5.50	322.19	-2.03	-114.56	2.55	-2899.50	8.18
57023	33.93	-8.10	-5.50	245.63	-1.35	-92.99	17.70	-2574.44	5.42
57024	33.86	-8.70	-5.50	315.69	-1.41	-58.26	3.02	-2886.50	5.21

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]
57025	35.44	-8.10	-5.50	276.14	-0.94	-64.46	17.32	-2580.80	4.52
57026	35.39	-8.70	-5.50	321.55	-0.84	-25.73	2.76	-2875.75	4.23
57027	36.96	-8.10	-5.50	311.98	-0.68	-48.48	16.89	-2583.72	4.90
57028	36.93	-8.70	-5.50	335.91	-0.39	-9.14	2.41	-2868.46	4.51
57029	38.47	-8.10	-5.50	351.20	-0.51	-40.29	16.72	-2583.77	5.90
57030	38.46	-8.70	-5.50	355.34	-0.02	-1.63	2.29	-2864.73	5.41
57031	39.98	-8.10	-5.50	393.15	-0.34	-35.68	16.88	-2581.04	7.01
57032	39.99	-8.70	-5.50	376.99	0.33	2.80	2.50	-2864.40	6.43
57033	41.49	-8.10	-5.50	437.59	-0.10	-30.72	17.25	-2575.31	7.71
57034	41.52	-8.70	-5.50	398.45	0.75	9.84	2.93	-2867.51	7.06
57035	43.01	-8.10	-5.50	483.84	0.29	-21.44	17.54	-2566.07	7.42
57036	43.06	-8.70	-5.50	417.64	1.27	25.56	3.27	-2874.28	6.74
57037	44.52	-8.10	-5.50	529.83	0.82	-3.56	17.21	-2552.41	5.44
57038	44.59	-8.70	-5.50	432.78	1.88	56.87	2.92	-2884.69	4.76
57039	46.03	-8.10	-5.50	571.15	1.40	27.61	15.43	-2532.80	0.87
57040	46.12	-8.70	-5.50	442.68	2.38	111.47	1.00	-2897.57	0.31
57041	47.54	-8.10	-5.50	600.10	1.77	76.82	11.07	-2504.74	-7.19
57042	47.66	-8.70	-5.50	447.69	2.32	196.67	-3.74	-2909.16	-7.78
57043	49.06	-8.10	-5.50	605.53	1.11	147.75	2.93	-2464.72	-20.19
57044	49.19	-8.70	-5.50	451.60	0.71	315.58	-12.60	-2911.92	-19.56
57045	50.57	-8.10	-5.50	574.99	-1.05	240.63	-9.59	-2410.98	-36.80
57046	50.72	-8.70	-5.50	464.57	-3.59	458.93	-25.33	-2893.10	-40.46
57047	52.08	-8.10	-5.50	504.49	-5.11	348.86	-18.84	-2352.35	-70.03
57048	52.25	-8.70	-5.50	502.69	-10.47	594.15	-38.87	-2848.91	-50.12
57049	53.59	-8.10	-5.50	421.18	-24.40	452.77	-26.54	-2345.37	-36.74
57050	53.79	-8.70	-5.50	561.16	-28.44	662.25	-15.36	-2779.40	-126.97
57051	55.10	-8.10	-5.50	344.70	77.96	504.17	15.09	-2487.40	-433.78
57052	55.32	-8.70	-5.50	669.59	83.76	653.53	-69.68	-2620.09	-6.76
57053	23.35	-8.10	-6.90	414.14	52.34	-695.46	-32.15	-2504.23	401.60
57054	23.13	-8.70	-6.90	742.28	77.78	-546.80	74.52	-2607.00	-1.13
57055	24.86	-8.10	-6.90	481.90	2.69	-801.95	-58.39	-2466.94	11.63
57056	24.66	-8.70	-6.90	642.04	-18.48	-623.32	-10.06	-2869.71	127.58
57057	26.37	-8.10	-6.90	384.19	7.96	-712.79	-71.32	-2516.34	60.37
57058	26.20	-8.70	-6.90	540.06	-1.38	-555.84	1.48	-2991.48	60.58
57059	27.88	-8.10	-6.90	279.55	1.55	-537.31	-67.30	-2542.60	38.56
57060	27.73	-8.70	-6.90	419.16	-5.33	-405.25	1.56	-3024.62	54.39
57061	29.39	-8.10	-6.90	216.92	-0.92	-370.26	-64.96	-2545.59	25.07
57062	29.26	-8.70	-6.90	333.00	-4.37	-257.87	3.30	-3004.42	31.54
57063	30.91	-8.10	-6.90	193.62	-1.41	-242.71	-63.91	-2541.77	13.41
57064	30.79	-8.70	-6.90	283.25	-3.16	-147.93	2.72	-2964.49	17.52
57065	32.42	-8.10	-6.90	196.82	-1.16	-155.59	-64.13	-2536.60	6.72
57066	32.33	-8.70	-6.90	262.23	-2.03	-74.87	1.10	-2925.55	8.85
57067	33.93	-8.10	-6.90	215.42	-0.49	-101.33	-64.89	-2532.42	3.51
57068	33.86	-8.70	-6.90	261.01	-1.18	-30.30	-0.72	-2894.91	4.94
57069	35.44	-8.10	-6.90	242.19	0.32	-70.71	-65.68	-2529.29	2.71
57070	35.39	-8.70	-6.90	272.36	-0.60	-5.13	-2.23	-2873.69	4.04
57071	36.96	-8.10	-6.90	273.24	1.14	-55.55	-66.16	-2526.41	3.35
57072	36.93	-8.70	-6.90	291.15	-0.22	7.95	-3.19	-2860.52	4.95
57073	38.47	-8.10	-6.90	306.84	1.94	-49.22	-66.18	-2522.81	4.68
57074	38.46	-8.70	-6.90	313.89	0.04	14.39	-3.51	-2853.62	6.69
57075	39.98	-8.10	-6.90	342.52	2.69	-46.25	-65.69	-2517.71	6.08
57076	39.99	-8.70	-6.90	338.22	0.27	18.41	-3.21	-2851.87	8.51
57077	41.49	-8.10	-6.90	380.18	3.37	-41.63	-64.73	-2510.64	6.98
57078	41.52	-8.70	-6.90	362.29	0.56	23.77	-2.35	-2855.13	9.69
57079	43.01	-8.10	-6.90	419.39	3.92	-30.10	-63.46	-2501.53	6.69
57080	43.06	-8.70	-6.90	384.40	0.97	34.64	-1.08	-2864.20	9.38
57081	44.52	-8.10	-6.90	458.54	4.23	-5.45	-62.16	-2490.64	4.36
57082	44.59	-8.70	-6.90	402.51	1.52	56.30	0.32	-2880.39	6.49
57083	46.03	-8.10	-6.90	493.73	4.11	40.00	-61.32	-2478.43	-1.13
57084	46.12	-8.70	-6.90	413.83	2.21	95.75	1.38	-2904.42	-0.31
57085	47.54	-8.10	-6.90	517.57	3.24	115.17	-61.62	-2465.19	-10.88
57086	47.66	-8.70	-6.90	414.46	2.92	161.51	1.40	-2934.24	-12.79
57087	49.06	-8.10	-6.90	518.44	0.95	228.06	-63.80	-2450.11	-26.22
57088	49.19	-8.70	-6.90	399.29	3.20	261.22	-0.38	-2961.30	-31.31
57089	50.57	-8.10	-6.90	482.42	-2.70	379.82	-67.96	-2431.20	-43.30
57090	50.72	-8.70	-6.90	363.95	3.14	394.75	-4.74	-2963.84	-58.04
57091	52.08	-8.10	-6.90	404.52	-11.29	543.23	-70.19	-2399.02	-65.42
57092	52.25	-8.70	-6.90	311.12	-1.95	528.36	-10.24	-2910.73	-65.40
57093	53.59	-8.10	-6.90	335.02	-24.06	629.41	-72.85	-2362.65	-16.15
57094	53.79	-8.70	-6.90	278.07	-1.12	576.77	-0.01	-2778.15	-125.75
57095	55.10	-8.10	-6.90	376.80	51.81	548.99	0.02	-2419.02	-361.68
57096	55.32	-8.70	-6.90	315.12	34.43	510.49	-40.64	-2558.80	24.97
57097	23.35	-8.10	-8.30	510.62	69.75	-952.89	341.14	-2441.09	292.82
57098	23.13	-8.70	-8.30	1006.32	155.69	-642.82	247.05	-2528.49	-100.62
57099	24.86	-8.10	-8.30	458.70	-84.93	-1152.11	422.39	-2797.96	114.79
57100	24.66	-8.70	-8.30	691.24	-53.93	-663.76	114.93	-2857.23	59.32
57101	26.37	-8.10	-8.30	258.03	-71.32	-894.31	471.27	-2903.87	117.05
57102	26.20	-8.70	-8.30	472.59	-25.65	-463.33	168.17	-2965.14	22.40
57103	27.88	-8.10	-8.30	169.70	-44.28	-604.62	478.12	-2870.82	67.98
57104	27.73	-8.70	-8.30	322.94	-19.43	-266.55	170.23	-2918.57	19.99
57105	29.39	-8.10	-8.30	139.83	-25.91	-384.27	464.90	-2811.91	37.70
57106	29.26	-8.70	-8.30	244.96	-10.43	-140.27	164.38	-2843.39	6.60
57107	30.91	-8.10	-8.30	142.09	-13.81	-233.49	448.93	-2759.30	17.82
57108	30.79	-8.70	-8.30	212.15	-5.66	-64.62	155.85	-2774.70	0.19
57109	32.42	-8.10	-8.30	159.37	-7.82	-140.79	434.93	-2720.97	7.60
57110	32.33	-8.70	-8.30	205.67	-3.02	-21.23	148.15	-2723.38	-2.94
57111	33.93	-8.10	-8.30	182.56	-5.86	-89.22	424.46	-2695.89	3.74
57112	33.86	-8.70	-8.30	213.93	-2.03	3.31	142.23	-2688.87	-3.37
57113	35.44	-8.10	-8.30	207.43	-6.49	-64.49	417.34	-2680.22	3.79
57114	35.39	-8.70	-8.30	230.13	-1.99	17.57	138.19	-2667.38	-2.28
57115	36.96	-8.10	-8.30	232.53	-8.53	-55.85	412.90	-2670.11	5.98
57116	36.93	-8.70	-8.30	250.39	-2.50	26.44	135.76	-2654.84	-0.43
57117	38.47	-8.10	-8.30	257.78	-11.17	-55.53	410.47	-2662.64	9.09
57118	38.46	-8.70	-8.30	272.48	-3.22	32.55	134.64	-2648.19	1.70
57119	39.98	-8.10	-8.30	283.74	-13.72	-57.53	409.61	-2655.99	12.20
57120	39.99	-8.70	-8.30	295.06	-3.93	37.31	134.63	-2645.73	3.76
57121	41.49	-8.10	-8.30	311.16	-15.56	-56.45	410.13	-2649.45	14.47
57122	41.52	-8.70	-8.30	317.19	-4.40	41.70	135.66	-2647.19	5.43
57123	43.01	-8.10	-8.30	340.76	-15.96	-46.39	412.11	-2643.44	14.86

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]
57124	43.06	-8.70	-8.30	337.99	-4.40	46.95	137.77	-2653.67	6.26
57125	44.52	-8.10	-8.30	372.84	-14.01	-19.83	415.80	-2639.65	11.99
57126	44.59	-8.70	-8.30	356.23	-3.60	55.30	141.05	-2667.43	5.59
57127	46.03	-8.10	-8.30	406.50	-8.53	33.35	421.46	-2641.01	3.89
57128	46.12	-8.70	-8.30	369.73	-1.59	71.14	145.51	-2691.43	2.50
57129	47.54	-8.10	-8.30	438.30	1.81	126.31	428.91	-2651.29	-11.76
57130	47.66	-8.70	-8.30	374.18	2.19	102.43	150.79	-2728.00	-4.25
57131	49.06	-8.10	-8.30	460.27	18.28	274.03	436.52	-2672.96	-37.65
57132	49.19	-8.70	-8.30	361.26	8.08	162.19	155.83	-2776.17	-15.00
57133	50.57	-8.10	-8.30	457.00	41.31	485.53	439.27	-2702.07	-73.37
57134	50.72	-8.70	-8.30	316.17	17.64	268.54	157.18	-2824.12	-32.76
57135	52.08	-8.10	-8.30	402.89	69.79	753.93	422.95	-2713.58	-124.75
57136	52.25	-8.70	-8.30	220.64	25.34	438.92	145.29	-2838.14	-39.18
57137	53.59	-8.10	-8.30	255.78	76.33	971.21	348.27	-2610.88	-121.26
57138	53.79	-8.70	-8.30	83.93	33.41	597.36	102.17	-2706.71	-75.09
57139	55.10	-8.10	-8.30	194.61	43.25	755.50	278.68	-2298.71	-266.10
57140	55.32	-8.70	-8.30	-11.42	-31.89	561.04	87.16	-2418.40	103.77
57141	55.10	-2.50	1.75	200.91	138.77	786.28	-394.55	-979.95	318.92
57142	55.18	-3.10	1.75	53.47	-70.15	-624.69	-270.57	-792.75	308.45
57143	56.14	-2.50	1.75	132.41	126.90	599.13	-397.36	-914.95	308.29
57144	56.21	-3.10	1.75	-30.58	-86.22	-703.35	-273.26	-827.96	307.71
57145	57.17	-2.50	1.75	77.27	83.26	269.11	-409.09	-972.22	255.73
57146	57.25	-3.10	1.75	-113.12	-86.53	-770.16	-276.22	-888.38	282.77
57147	58.21	-2.50	1.75	27.40	71.69	-117.62	-460.01	-1099.66	228.88
57148	58.29	-3.10	1.75	-109.87	-155.00	-880.45	-319.54	-953.28	289.39
57149	59.24	-2.50	1.75	-201.23	-91.71	-561.98	-627.62	-959.28	349.15
57150	59.33	-3.10	1.75	247.37	-64.64	-737.15	-504.10	-1052.11	491.38
57151	55.06	-2.50	0.25	15.30	-13.92	147.76	54.83	-820.44	352.04
57152	55.14	-3.10	0.25	306.15	-46.24	121.61	55.10	-1081.78	332.95
57153	56.02	-2.50	0.25	12.30	-7.69	-111.10	102.23	-705.93	331.68
57154	56.10	-3.10	0.25	182.69	-3.77	2.85	106.08	-1135.50	325.35
57155	56.98	-2.50	0.25	44.16	-9.72	-378.01	83.39	-732.61	257.35
57156	57.06	-3.10	0.25	46.03	9.04	-205.86	81.60	-1192.39	259.52
57157	57.94	-2.50	0.25	9.24	11.72	-648.62	18.71	-780.97	171.40
57158	58.02	-3.10	0.25	35.14	-16.58	-370.17	8.37	-1240.55	143.39
57159	58.90	-2.50	0.25	-278.30	-106.57	-852.79	-145.65	-778.61	89.09
57160	58.99	-3.10	0.25	318.16	72.86	-369.66	-150.89	-1321.16	178.80
57161	55.02	-2.50	-1.25	-88.61	-40.11	-670.79	24.22	-797.60	471.07
57162	55.10	-3.10	-1.25	710.79	285.81	1126.76	-95.98	-1263.17	550.07
57163	55.91	-2.50	-1.25	-44.00	-46.03	-861.79	78.98	-773.89	335.18
57164	55.98	-3.10	-1.25	378.66	143.54	754.43	-64.30	-1204.81	330.10
57165	56.79	-2.50	-1.25	-28.41	-72.67	-949.91	34.98	-821.37	248.45
57166	56.87	-3.10	-1.25	171.50	82.44	325.60	-106.83	-1220.38	212.38
57167	57.67	-2.50	-1.25	-96.32	-64.36	-989.77	18.41	-851.13	164.87
57168	57.76	-3.10	-1.25	55.09	19.06	-43.32	-127.13	-1252.60	78.10
57169	58.56	-2.50	-1.25	-242.58	-94.55	-925.88	0.03	-883.60	2.35
57170	58.64	-3.10	-1.25	21.93	-12.22	-369.62	-125.74	-1248.49	18.48
57171	24.56	-2.50	1.75	531.74	-67.69	-538.45	-367.61	-751.55	-159.45
57172	24.50	-3.10	1.75	592.17	34.16	121.69	-263.44	-580.18	-144.11
57173	25.96	-2.50	1.75	519.16	-62.67	-438.06	-372.68	-873.93	-138.00
57174	25.90	-3.10	1.75	605.91	33.40	120.32	-254.60	-666.11	-122.12
57175	27.36	-2.50	1.75	510.54	-48.64	-329.71	-375.67	-944.03	-103.30
57176	27.30	-3.10	1.75	613.18	24.18	102.31	-247.49	-739.11	-91.92
57177	28.75	-2.50	1.75	509.45	-35.64	-238.10	-373.87	-978.25	-68.10
57178	28.70	-3.10	1.75	615.88	16.21	75.64	-238.46	-801.43	-59.12
57179	30.15	-2.50	1.75	514.18	-23.93	-165.07	-372.15	-993.72	-40.37
57180	30.11	-3.10	1.75	607.33	9.04	45.89	-231.89	-855.05	-33.41
57181	31.54	-2.50	1.75	518.94	-14.46	-107.26	-371.82	-1000.70	-21.44
57182	31.51	-3.10	1.75	591.08	4.31	18.93	-228.21	-897.76	-16.16
57183	32.94	-2.50	1.75	520.50	-6.82	-60.81	-372.31	-1004.10	-9.34
57184	32.91	-3.10	1.75	570.97	1.69	-3.51	-226.42	-929.76	-5.77
57185	34.34	-2.50	1.75	518.16	-0.48	-22.64	-373.03	-1006.20	-1.76
57186	34.32	-3.10	1.75	549.23	0.70	-21.61	-225.57	-952.60	0.02
57187	35.73	-2.50	1.75	512.49	5.05	9.62	-373.64	-1008.11	3.08
57188	35.72	-3.10	1.75	526.81	0.84	-36.45	-225.10	-968.21	2.99
57189	37.13	-2.50	1.75	504.44	10.12	37.91	-374.00	-1010.53	6.40
57190	37.12	-3.10	1.75	503.99	1.67	-49.44	-224.69	-978.29	4.41
57191	38.53	-2.50	1.75	494.97	15.02	63.94	-374.08	-1014.04	9.01
57192	38.52	-3.10	1.75	480.66	2.86	-61.96	-224.19	-984.12	5.10
57193	39.92	-2.50	1.75	484.98	19.98	89.39	-373.89	-1019.23	11.52
57194	39.93	-3.10	1.75	456.51	4.11	-75.37	-223.54	-986.42	5.73
57195	41.32	-2.50	1.75	475.25	25.25	116.10	-373.44	-1026.78	14.54
57196	41.33	-3.10	1.75	431.10	5.14	-91.05	-222.69	-985.37	6.89
57197	42.72	-2.50	1.75	466.57	31.15	146.21	-372.76	-1037.42	18.85
57198	42.73	-3.10	1.75	403.84	5.63	-110.46	-221.67	-980.59	9.39
57199	44.11	-2.50	1.75	459.64	38.14	182.33	-371.94	-1051.97	25.68
57200	44.13	-3.10	1.75	374.06	5.17	-135.21	-220.60	-971.16	14.42
57201	45.51	-2.50	1.75	454.83	46.83	227.73	-371.24	-1071.27	36.93
57202	45.54	-3.10	1.75	341.07	3.18	-166.99	-219.78	-955.75	23.88
57203	46.91	-2.50	1.75	451.51	58.05	286.34	-371.24	-1095.75	55.61
57204	46.94	-3.10	1.75	304.52	-1.15	-207.40	-219.97	-932.90	40.72
57205	48.30	-2.50	1.75	446.48	72.65	362.46	-373.14	-1124.41	85.80
57206	48.34	-3.10	1.75	265.34	-8.81	-257.48	-222.61	-901.90	69.01
57207	49.70	-2.50	1.75	431.82	91.18	459.87	-378.51	-1152.60	131.47
57208	49.75	-3.10	1.75	226.97	-20.98	-317.49	-229.56	-864.32	112.58
57209	51.09	-2.50	1.75	394.99	111.33	577.80	-386.35	-1167.58	191.77
57210	51.15	-3.10	1.75	194.40	-36.30	-385.46	-240.38	-826.89	170.98
57211	52.49	-2.50	1.75	333.44	131.98	703.78	-389.54	-1148.96	253.09
57212	52.55	-3.10	1.75	160.35	-56.46	-463.79	-246.37	-795.73	229.50
57213	53.89	-2.50	1.75	257.59	138.91	794.61	-389.56	-1082.21	295.09
57214	53.95	-3.10	1.75	132.91	-61.49	-539.89	-255.01	-785.86	275.80
57215	24.56	-2.50	0.25	581.07	13.51	-378.21	41.06	-604.74	-168.49
57216	24.50	-3.10	0.25	421.76	12.80	-392.82	18.96	-760.97	-157.78
57217	25.96	-2.50	0.25	508.33	18.12	-262.44	23.94	-722.47	-126.59
57218	25.90	-3.10	0.25	446.21	-11.99	-291.39	-5.42	-845.39	-135.35
57219	27.36	-2.50	0.25	442.36	11.94	-193.21	41.38	-779.45	-81.80
57220	27.30	-3.10	0.25	506.92	-5.18	-193.24	11.13	-906.64	-85.54
57221	28.75	-2.50	0.25	415.25	8.50	-149.34	58.05	-807.65	-50.69
57222	28.70	-3.10	0.25	534.36	-5.41	-132.44	25.94	-973.46	-54.05

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]
57223	30.15	-2.50	0.25	410.96	5.19	-115.79	67.45	-824.86	-30.38
57224	30.11	-3.10	0.25	536.38	-3.52	-92.18	34.68	-1031.58	-32.72
57225	31.55	-2.50	0.25	416.26	2.89	-85.20	71.72	-835.69	-16.71
57226	31.51	-3.10	0.25	524.47	-2.17	-67.88	38.29	-1078.27	-18.35
57227	32.94	-2.50	0.25	423.61	1.12	-56.16	72.97	-842.39	-7.67
57228	32.91	-3.10	0.25	506.80	-1.19	-54.26	39.07	-1113.76	-8.62
57229	34.34	-2.50	0.25	429.88	-0.26	-28.80	72.87	-846.62	-1.82
57230	34.32	-3.10	0.25	487.65	-0.63	-47.71	38.62	-1139.49	-2.10
57231	35.73	-2.50	0.25	434.40	-1.41	-3.53	72.40	-849.72	1.94
57232	35.72	-3.10	0.25	468.79	-0.39	-45.86	37.88	-1157.24	2.36
57233	37.13	-2.50	0.25	437.62	-2.43	19.56	72.06	-852.88	4.47
57234	37.12	-3.10	0.25	450.56	-0.35	-47.27	37.35	-1168.68	5.59
57235	38.53	-2.50	0.25	440.33	-3.41	40.74	72.07	-857.08	6.41
57236	38.52	-3.10	0.25	432.63	-0.42	-51.07	37.24	-1175.09	8.24
57237	39.92	-2.50	0.25	443.41	-4.39	60.54	72.55	-863.21	8.31
57238	39.93	-3.10	0.25	414.36	-0.50	-56.65	37.61	-1177.21	10.85
57239	41.32	-2.50	0.25	447.72	-5.44	79.61	73.50	-872.05	10.74
57240	41.33	-3.10	0.25	394.96	-0.50	-63.44	38.48	-1175.32	14.01
57241	42.72	-2.50	0.25	454.06	-6.63	98.51	74.84	-884.35	14.39
57242	42.73	-3.10	0.25	373.69	-0.31	-70.71	39.76	-1169.19	18.39
57243	44.11	-2.50	0.25	463.01	-8.06	117.51	76.31	-900.85	20.19
57244	44.13	-3.10	0.25	349.92	0.20	-77.18	41.18	-1158.34	24.94
57245	45.51	-2.50	0.25	474.40	-9.90	136.30	77.23	-922.29	29.44
57246	45.54	-3.10	0.25	323.64	1.20	-80.67	42.06	-1142.19	34.99
57247	46.90	-2.50	0.25	486.12	-12.43	153.81	76.15	-949.36	43.93
57248	46.94	-3.10	0.25	296.33	2.90	-77.56	40.96	-1120.59	50.36
57249	48.30	-2.50	0.25	491.83	-15.85	168.34	70.44	-982.49	65.96
57250	48.34	-3.10	0.25	272.67	5.30	-62.47	35.21	-1094.31	73.39
57251	49.70	-2.50	0.25	477.32	-21.11	178.19	56.14	-1021.26	98.99
57252	49.75	-3.10	0.25	263.10	8.73	-28.27	20.67	-1065.63	107.71
57253	51.09	-2.50	0.25	416.99	-25.89	187.03	28.55	-1061.22	150.05
57254	51.15	-3.10	0.25	284.74	9.52	28.00	-6.20	-1039.46	160.01
57255	52.49	-2.50	0.25	274.81	-37.81	199.00	-3.79	-1073.21	230.41
57256	52.55	-3.10	0.25	353.98	19.84	115.93	-42.21	-1037.17	244.70
57257	53.89	-2.50	0.25	97.28	-31.26	230.56	7.32	-1015.23	302.13
57258	53.95	-3.10	0.25	367.10	-21.81	154.16	-3.38	-1031.30	299.52
57259	24.57	-2.50	-1.25	767.06	35.19	-178.47	-210.72	-605.61	-179.11
57260	24.50	-3.10	-1.25	132.16	-82.11	-1002.95	-195.12	-892.27	-251.29
57261	25.96	-2.50	-1.25	495.80	-3.50	-129.00	-105.21	-728.36	-86.53
57262	25.90	-3.10	-1.25	366.10	29.59	-594.26	-98.13	-862.50	-72.96
57263	27.36	-2.50	-1.25	388.99	0.43	-112.81	-56.48	-773.67	-43.27
57264	27.30	-3.10	-1.25	455.91	-2.00	-423.62	-52.55	-923.53	-46.46
57265	28.75	-2.50	-1.25	344.88	-1.80	-107.51	-32.02	-811.53	-29.62
57266	28.71	-3.10	-1.25	485.26	1.88	-294.96	-24.71	-979.93	-28.70
57267	30.15	-2.50	-1.25	332.32	-1.13	-95.70	-17.40	-841.50	-19.34
57268	30.11	-3.10	-1.25	483.65	-0.22	-206.80	-10.05	-1026.83	-19.21
57269	31.55	-2.50	-1.25	334.31	-1.03	-78.56	-9.79	-863.15	-11.91
57270	31.51	-3.10	-1.25	468.84	-0.39	-144.84	-2.03	-1063.97	-11.71
57271	32.94	-2.50	-1.25	342.69	-0.62	-58.02	-6.05	-877.34	-6.06
57272	32.91	-3.10	-1.25	450.00	-0.50	-102.46	1.87	-1092.25	-5.99
57273	34.34	-2.50	-1.25	353.61	-0.30	-36.69	-4.40	-885.93	-1.44
57274	34.32	-3.10	-1.25	431.64	-0.43	-74.33	3.62	-1112.93	-1.49
57275	35.73	-2.50	-1.25	365.63	0.02	-16.40	-3.72	-891.11	2.24
57276	35.72	-3.10	-1.25	415.27	-0.33	-56.51	4.36	-1127.36	2.04
57277	37.13	-2.50	-1.25	378.48	0.31	1.85	-3.38	-894.90	5.27
57278	37.12	-3.10	-1.25	400.88	-0.21	-45.95	4.73	-1136.77	4.89
57279	38.53	-2.50	-1.25	392.38	0.59	17.69	-3.09	-898.87	7.96
57280	38.52	-3.10	-1.25	387.70	-0.08	-40.19	5.05	-1142.10	7.40
57281	39.92	-2.50	-1.25	407.79	0.87	31.11	-2.77	-904.15	10.66
57282	39.93	-3.10	-1.25	374.73	0.05	-37.03	5.40	-1143.98	9.91
57283	41.32	-2.50	-1.25	425.22	1.18	42.03	-2.45	-911.42	13.78
57284	41.33	-3.10	-1.25	360.95	0.19	-34.35	5.75	-1142.73	12.84
57285	42.72	-2.50	-1.25	445.17	1.53	50.07	-2.38	-920.98	17.75
57286	42.73	-3.10	-1.25	345.58	0.34	-29.79	5.85	-1138.51	16.63
57287	44.11	-2.50	-1.25	467.93	1.93	54.12	-3.05	-932.72	23.05
57288	44.13	-3.10	-1.25	328.41	0.47	-20.47	5.19	-1131.51	21.76
57289	45.51	-2.50	-1.25	493.03	2.36	51.93	-5.43	-946.24	30.13
57290	45.54	-3.10	-1.25	310.37	0.55	-2.51	2.80	-1122.29	28.69
57291	46.90	-2.50	-1.25	518.38	2.94	39.73	-11.25	-961.04	39.43
57292	46.94	-3.10	-1.25	294.72	0.33	29.34	-3.12	-1112.17	37.84
57293	48.30	-2.50	-1.25	538.32	2.92	11.96	-23.36	-977.09	51.46
57294	48.34	-3.10	-1.25	289.09	0.02	82.57	-15.50	-1103.47	49.74
57295	49.70	-2.50	-1.25	540.93	4.56	-37.41	-46.47	-995.62	66.90
57296	49.74	-3.10	-1.25	308.28	-2.90	166.59	-38.82	-1099.73	64.93
57297	51.09	-2.50	-1.25	501.25	-2.35	-118.76	-86.31	-1020.55	88.35
57298	51.15	-3.10	-1.25	380.78	1.09	301.00	-82.99	-1105.35	87.76
57299	52.49	-2.50	-1.25	369.70	13.28	-216.08	-174.20	-1061.02	139.30
57300	52.55	-3.10	-1.25	560.47	-42.75	480.71	-157.28	-1127.08	131.03
57301	53.89	-2.50	-1.25	-12.23	-61.19	-423.82	-314.08	-995.57	352.33
57302	53.95	-3.10	-1.25	1005.11	131.22	944.57	-365.33	-1320.18	406.80
57303	19.21	-2.50	1.75	531.97	66.43	-335.56	-559.34	260.78	-438.11
57304	19.12	-3.10	1.75	104.44	34.41	-127.70	-507.29	117.96	-378.96
57305	20.24	-2.50	1.75	320.87	-110.54	-535.07	-334.43	45.16	-207.02
57306	20.16	-3.10	1.75	441.29	70.29	31.02	-356.01	153.37	-195.08
57307	21.28	-2.50	1.75	361.43	-78.33	-557.43	-312.70	-89.13	-162.38
57308	21.20	-3.10	1.75	509.14	11.04	40.13	-294.27	-26.74	-138.91
57309	22.31	-2.50	1.75	447.54	-80.86	-610.41	-335.87	-286.70	-165.41
57310	22.24	-3.10	1.75	549.45	28.01	67.24	-287.11	-234.96	-147.41
57311	23.35	-2.50	1.75	509.54	-74.22	-614.54	-358.65	-543.82	-169.25
57312	23.27	-3.10	1.75	587.90	31.19	97.11	-280.07	-438.65	-155.56
57313	19.55	-2.50	0.25	617.87	139.04	-164.62	-179.81	432.75	-149.68
57314	19.46	-3.10	0.25	23.61	-42.86	-503.07	-111.24	-62.57	-104.04
57315	20.51	-2.50	0.25	349.51	18.21	-284.59	25.04	276.92	-91.43
57316	20.43	-3.10	0.25	350.30	37.87	-448.30	2.56	-81.28	-83.63
57317	21.47	-2.50	0.25	358.68	21.17	-369.36	84.24	149.49	-151.14
57318	21.39	-3.10	0.25	417.61	2.19	-445.64	79.60	-213.25	-128.51
57319	22.43	-2.50	0.25	483.31	23.51	-437.32	102.68	-28.72	-188.99
57320	22.35	-3.10	0.25	423.15	20.67	-500.31	92.91	-394.27	-157.44
57321	23.39	-2.50	0.25	593.68	20.56	-466.77	74.53	-326.11	-202.76

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]
57322	23.31	-3.10	0.25	437.15	39.69	-486.52	56.11	-618.12	-161.51
57323	19.89	-2.50	-1.25	372.79	-25.46	-269.61	-188.65	379.12	22.12
57324	19.81	-3.10	-1.25	114.15	-81.78	-549.35	-125.75	-33.18	-20.96
57325	20.78	-2.50	-1.25	304.92	-65.14	-240.28	-146.31	311.47	11.47
57326	20.69	-3.10	-1.25	241.32	-79.72	-699.94	-137.73	-124.72	-69.65
57327	21.66	-2.50	-1.25	325.52	-62.32	-221.24	-103.91	188.39	-63.21
57328	21.58	-3.10	-1.25	264.84	-134.02	-845.45	-104.25	-218.71	-150.86
57329	22.54	-2.50	-1.25	436.71	-102.63	-245.40	-53.89	44.50	-103.64
57330	22.47	-3.10	-1.25	240.07	-192.91	-1078.39	-54.76	-349.39	-229.03
57331	23.43	-2.50	-1.25	630.12	-74.78	-274.08	-43.43	-225.07	-188.91
57332	23.35	-3.10	-1.25	175.39	-252.98	-1270.68	-35.28	-619.47	-360.54
57333	24.50	-3.10	-2.70	86.19	-71.03	-910.82	-195.02	-1034.88	49.50
57334	25.90	-3.10	-2.70	348.54	33.71	-733.19	-109.49	-1018.00	48.67
57335	27.30	-3.10	-2.70	422.49	-8.81	-539.01	-54.42	-1042.67	0.18
57336	28.71	-3.10	-2.70	437.32	0.05	-391.56	-25.18	-1066.63	-1.86
57337	30.11	-3.10	-2.70	426.96	-2.01	-280.81	-11.16	-1088.63	-4.77
57338	31.51	-3.10	-2.70	409.04	-1.39	-197.64	-3.11	-1105.60	-4.08
57339	32.91	-3.10	-2.70	390.81	-1.15	-136.45	1.27	-1118.25	-2.12
57340	34.32	-3.10	-2.70	375.28	-0.83	-92.60	3.75	-1127.34	0.50
57341	35.72	-3.10	-2.70	363.05	-0.55	-62.22	5.19	-1133.64	3.19
57342	37.12	-3.10	-2.70	353.61	-0.28	-41.71	6.05	-1137.84	5.76
57343	38.52	-3.10	-2.70	345.92	-0.04	-27.71	6.57	-1140.50	8.20
57344	39.93	-3.10	-2.70	338.83	0.21	-16.95	6.83	-1142.04	10.67
57345	41.33	-3.10	-2.70	331.36	0.48	-6.21	6.72	-1142.77	13.33
57346	42.73	-3.10	-2.70	323.02	0.78	7.79	5.95	-1142.98	16.35
57347	44.13	-3.10	-2.70	314.24	1.11	28.51	3.99	-1143.23	19.77
57348	45.54	-3.10	-2.70	306.98	1.47	59.76	-0.01	-1144.60	23.33
57349	46.94	-3.10	-2.70	305.71	1.64	105.86	-7.47	-1148.93	26.28
57350	48.34	-3.10	-2.70	319.32	2.07	172.34	-20.78	-1158.84	27.32
57351	49.74	-3.10	-2.70	364.17	-0.36	266.66	-43.90	-1177.17	23.52
57352	51.15	-3.10	-2.70	473.68	8.13	400.64	-90.34	-1210.00	14.95
57353	52.55	-3.10	-2.70	709.65	-58.57	589.67	-149.67	-1248.44	-59.51
57354	53.95	-3.10	-2.70	1310.64	233.41	829.60	-433.53	-1335.95	-99.60
57355	24.57	-2.50	-2.70	902.01	98.24	-147.07	-269.56	-643.90	187.34
57356	25.96	-2.50	-2.70	529.59	-4.03	-115.91	-99.27	-654.83	18.37
57357	27.36	-2.50	-2.70	382.83	4.24	-121.30	-49.04	-711.35	6.17
57358	28.75	-2.50	-2.70	315.69	0.80	-119.65	-23.30	-767.19	-3.20
57359	30.15	-2.50	-2.70	287.25	0.58	-107.02	-8.53	-811.86	-4.47
57360	31.55	-2.50	-2.70	278.20	-0.12	-87.70	-0.80	-843.98	-4.11
57361	32.94	-2.50	-2.70	280.71	-0.23	-66.21	3.58	-864.36	-2.08
57362	34.34	-2.50	-2.70	290.73	-0.31	-45.86	6.07	-875.99	0.50
57363	35.73	-2.50	-2.70	305.93	-0.30	-28.31	7.51	-882.16	3.17
57364	37.13	-2.50	-2.70	324.87	-0.27	-14.16	8.38	-885.63	5.69
57365	38.53	-2.50	-2.70	346.71	-0.23	-3.50	8.91	-888.30	8.11
57366	39.92	-2.50	-2.70	371.03	-0.20	3.71	9.17	-891.25	10.53
57367	41.32	-2.50	-2.70	397.57	-0.17	7.33	9.06	-894.83	13.15
57368	42.72	-2.50	-2.70	426.05	-0.18	6.79	8.29	-898.65	16.13
57369	44.11	-2.50	-2.70	455.86	-0.24	0.82	6.34	-901.56	19.49
57370	45.51	-2.50	-2.70	485.78	-0.48	-12.93	2.38	-901.54	23.00
57371	46.90	-2.50	-2.70	513.52	-0.80	-38.30	-4.96	-895.95	25.96
57372	48.30	-2.50	-2.70	534.67	-2.45	-81.23	-18.05	-882.19	26.80
57373	49.70	-2.50	-2.70	540.53	-1.59	-148.84	-41.54	-858.99	24.03
57374	51.09	-2.50	-2.70	509.95	-13.06	-249.63	-79.27	-824.27	10.73
57375	52.49	-2.50	-2.70	401.13	-2.04	-384.09	-177.63	-785.26	-35.15
57376	53.88	-2.50	-2.70	18.10	-22.51	-423.53	-296.30	-720.43	-203.52
57377	24.50	-3.10	-4.10	291.76	37.38	-596.51	3.23	-1069.61	96.27
57378	25.90	-3.10	-4.10	348.28	9.39	-605.64	-61.97	-1150.05	111.41
57379	27.30	-3.10	-4.10	372.12	-1.41	-509.15	-34.68	-1158.98	41.47
57380	28.71	-3.10	-4.10	367.82	0.17	-397.43	-19.45	-1157.50	19.25
57381	30.11	-3.10	-4.10	351.71	-1.06	-296.36	-11.03	-1153.56	6.69
57382	31.51	-3.10	-4.10	335.45	-1.05	-211.19	-5.43	-1148.76	2.66
57383	32.91	-3.10	-4.10	322.63	-1.01	-143.55	-1.58	-1143.75	2.07
57384	34.32	-3.10	-4.10	313.98	-0.85	-92.44	1.15	-1139.11	3.13
57385	35.72	-3.10	-4.10	309.12	-0.65	-55.48	2.98	-1135.38	4.84
57386	37.12	-3.10	-4.10	307.13	-0.44	-29.44	4.16	-1133.02	6.76
57387	38.52	-3.10	-4.10	306.91	-0.23	-10.71	4.83	-1132.32	8.73
57388	39.93	-3.10	-4.10	307.34	-0.02	4.38	5.05	-1133.48	10.67
57389	41.33	-3.10	-4.10	307.61	0.19	19.44	4.70	-1136.62	12.55
57390	42.73	-3.10	-4.10	307.58	0.41	37.97	3.45	-1141.87	14.26
57391	44.13	-3.10	-4.10	308.15	0.59	63.15	0.84	-1149.51	15.58
57392	45.54	-3.10	-4.10	311.82	0.65	97.56	-3.70	-1160.10	15.94
57393	46.94	-3.10	-4.10	323.19	0.46	142.79	-10.86	-1174.64	13.97
57394	48.34	-3.10	-4.10	349.81	-0.23	199.13	-21.43	-1194.43	7.14
57395	49.74	-3.10	-4.10	404.03	-1.45	265.21	-37.16	-1220.10	-11.26
57396	51.15	-3.10	-4.10	507.75	-2.82	337.13	-64.73	-1246.61	-47.19
57397	52.55	-3.10	-4.10	676.59	-31.07	394.63	-70.44	-1245.81	-142.14
57398	53.95	-3.10	-4.10	904.71	120.67	395.27	-118.76	-1166.83	-123.37
57399	24.57	-2.50	-4.10	667.92	67.10	-295.44	-96.93	-811.55	272.39
57400	25.96	-2.50	-4.10	500.68	-2.84	-263.94	-48.42	-688.02	73.82
57401	27.36	-2.50	-4.10	375.33	-0.85	-229.74	-37.15	-705.92	47.44
57402	28.75	-2.50	-4.10	299.64	0.00	-191.76	-21.78	-756.97	17.67
57403	30.15	-2.50	-4.10	255.95	-0.55	-151.46	-13.09	-802.89	7.05
57404	31.55	-2.50	-4.10	233.86	-0.58	-113.53	-7.63	-834.24	2.77
57405	32.94	-2.50	-4.10	228.58	-0.51	-81.98	-3.73	-852.34	2.24
57406	34.34	-2.50	-4.10	236.06	-0.40	-58.00	-1.00	-861.39	3.25
57407	35.73	-2.50	-4.10	252.70	-0.25	-41.06	0.84	-865.24	4.90
57408	37.13	-2.50	-4.10	275.57	-0.11	-30.05	2.02	-866.58	6.76
57409	38.53	-2.50	-4.10	302.64	0.02	-23.85	2.70	-866.95	8.68
57410	39.92	-2.50	-4.10	332.58	0.14	-21.67	2.92	-866.99	10.58
57411	41.32	-2.50	-4.10	364.34	0.25	-23.04	2.55	-866.59	12.41
57412	42.72	-2.50	-4.10	396.73	0.34	-27.82	1.30	-864.92	14.09
57413	44.11	-2.50	-4.10	427.98	0.39	-36.21	-1.30	-860.28	15.39
57414	45.51	-2.50	-4.10	455.44	0.34	-48.77	-5.82	-849.83	15.74
57415	46.90	-2.50	-4.10	475.60	0.17	-66.57	-12.87	-829.50	13.91
57416	48.30	-2.50	-4.10	484.19	-0.60	-91.54	-23.38	-794.57	6.96
57417	49.70	-2.50	-4.10	475.24	-0.50	-125.39	-39.23	-742.25	-9.46
57418	51.09	-2.50	-4.10	435.04	-2.64	-165.46	-60.43	-679.08	-51.44
57419	52.49	-2.50	-4.10	346.31	-15.27	-186.53	-100.74	-641.47	-109.50
57420	53.88	-2.50	-4.10	196.19	90.32	-108.59	-22.10	-730.63	-267.76

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]
57421	24.50	-3.10	-5.50	424.09	43.39	-402.66	74.62	-1059.52	75.04
57422	25.90	-3.10	-5.50	344.66	-4.48	-440.41	18.33	-1190.52	95.71
57423	27.30	-3.10	-5.50	296.91	2.58	-418.57	2.87	-1220.83	44.22
57424	28.71	-3.10	-5.50	267.81	1.87	-353.37	-6.85	-1217.94	24.40
57425	30.11	-3.10	-5.50	251.85	1.10	-270.62	-7.56	-1201.10	12.24
57426	31.51	-3.10	-5.50	244.45	0.55	-190.96	-4.90	-1179.96	7.91
57427	32.91	-3.10	-5.50	242.96	0.23	-124.20	-1.68	-1159.44	6.37
57428	34.32	-3.10	-5.50	245.80	0.08	-72.81	1.02	-1141.88	6.23
57429	35.72	-3.10	-5.50	251.84	0.05	-35.42	2.93	-1128.50	6.82
57430	37.12	-3.10	-5.50	260.04	0.09	-8.96	4.14	-1119.81	7.84
57431	38.52	-3.10	-5.50	269.38	0.15	10.17	4.84	-1115.92	9.07
57432	39.93	-3.10	-5.50	279.00	0.23	25.57	5.07	-1116.74	10.24
57433	41.33	-3.10	-5.50	288.34	0.30	40.67	4.74	-1122.13	11.07
57434	42.73	-3.10	-5.50	297.48	0.35	58.66	3.52	-1131.90	11.25
57435	44.13	-3.10	-5.50	307.43	0.30	82.32	0.97	-1145.71	10.43
57436	45.54	-3.10	-5.50	320.48	0.05	113.38	-3.30	-1162.88	8.16
57437	46.94	-3.10	-5.50	340.35	-0.47	151.35	-9.29	-1182.18	3.50
57438	48.34	-3.10	-5.50	371.48	-1.57	191.56	-15.72	-1201.40	-5.41
57439	49.74	-3.10	-5.50	417.01	-2.06	223.00	-19.13	-1215.62	-24.28
57440	51.15	-3.10	-5.50	471.53	-3.63	227.54	-13.17	-1213.83	-53.19
57441	52.55	-3.10	-5.50	507.30	-7.70	189.38	30.13	-1172.92	-110.73
57442	53.95	-3.10	-5.50	499.21	87.76	136.87	-2.95	-1065.64	-61.45
57443	24.57	-2.50	-5.50	300.60	22.08	-430.62	29.49	-861.08	237.44
57444	25.96	-2.50	-5.50	345.76	4.10	-432.09	35.53	-759.32	63.60
57445	27.36	-2.50	-5.50	316.04	0.66	-364.28	10.20	-763.71	50.73
57446	28.75	-2.50	-5.50	259.65	1.02	-278.28	1.80	-796.76	22.71
57447	30.15	-2.50	-5.50	210.04	-0.31	-199.74	0.90	-823.80	11.98
57448	31.55	-2.50	-5.50	181.33	-0.49	-138.61	3.16	-837.89	7.30
57449	32.94	-2.50	-5.50	173.54	-0.61	-95.83	6.11	-842.82	5.94
57450	34.34	-2.50	-5.50	182.01	-0.63	-68.30	8.61	-843.04	5.98
57451	35.73	-2.50	-5.50	201.51	-0.65	-52.30	10.40	-841.42	6.81
57452	37.13	-2.50	-5.50	227.90	-0.70	-44.53	11.56	-839.33	8.08
57453	38.53	-2.50	-5.50	258.42	-0.75	-42.48	12.22	-837.16	9.54
57454	39.92	-2.50	-5.50	291.36	-0.80	-44.29	12.45	-834.72	10.93
57455	41.32	-2.50	-5.50	325.37	-0.81	-48.58	12.12	-831.48	11.96
57456	42.72	-2.50	-5.50	358.84	-0.77	-54.19	10.94	-826.57	12.32
57457	44.11	-2.50	-5.50	389.14	-0.66	-59.82	8.48	-818.66	11.63
57458	45.51	-2.50	-5.50	412.21	-0.53	-63.73	4.34	-805.62	9.41
57459	46.90	-2.50	-5.50	422.66	-0.44	-63.37	-1.40	-784.19	4.76
57460	48.30	-2.50	-5.50	415.30	-0.71	-55.32	-7.70	-750.14	-4.62
57461	49.70	-2.50	-5.50	389.07	-0.79	-35.93	-11.16	-701.65	-22.33
57462	51.09	-2.50	-5.50	356.26	-1.40	-2.97	-1.85	-650.94	-58.81
57463	52.49	-2.50	-5.50	350.98	-15.23	36.71	11.85	-645.87	-82.77
57464	53.88	-2.50	-5.50	403.64	103.02	65.82	96.07	-760.07	-208.52
57465	24.50	-3.10	-6.90	545.56	74.72	-339.70	146.07	-1078.74	19.10
57466	25.90	-3.10	-6.90	299.38	-20.85	-390.65	43.93	-1216.57	51.96
57467	27.30	-3.10	-6.90	189.07	3.29	-376.95	-1.59	-1273.31	13.89
57468	28.71	-3.10	-6.90	142.09	-4.65	-306.40	-24.71	-1277.11	14.80
57469	30.11	-3.10	-6.90	134.05	-4.94	-219.94	-30.59	-1253.73	12.31
57470	31.51	-3.10	-6.90	142.32	-5.16	-142.24	-30.66	-1221.16	10.55
57471	32.91	-3.10	-6.90	157.44	-4.33	-80.65	-29.36	-1189.11	8.95
57472	34.32	-3.10	-6.90	175.51	-3.26	-35.50	-28.28	-1162.31	8.20
57473	35.72	-3.10	-6.90	194.84	-2.20	-3.77	-27.61	-1142.50	8.39
57474	37.12	-3.10	-6.90	214.56	-1.25	18.28	-27.17	-1129.92	9.36
57475	38.52	-3.10	-6.90	234.11	-0.43	34.06	-26.74	-1124.13	10.76
57476	39.93	-3.10	-6.90	253.13	0.32	46.46	-26.22	-1124.63	12.08
57477	41.33	-3.10	-6.90	271.48	1.09	57.96	-25.68	-1131.02	12.78
57478	42.73	-3.10	-6.90	289.43	1.91	70.92	-25.35	-1142.98	12.27
57479	44.13	-3.10	-6.90	307.76	2.79	87.65	-25.64	-1159.89	10.02
57480	45.54	-3.10	-6.90	327.91	3.55	110.12	-26.99	-1180.28	5.74
57481	46.94	-3.10	-6.90	351.68	3.92	138.91	-29.44	-1200.88	-0.50
57482	48.34	-3.10	-6.90	379.46	2.73	170.63	-31.21	-1215.54	-7.69
57483	49.74	-3.10	-6.90	405.60	1.66	194.60	-27.04	-1214.21	-15.15
57484	51.15	-3.10	-6.90	408.51	-8.31	185.85	-6.44	-1184.88	-17.35
57485	52.55	-3.10	-6.90	350.42	-2.71	112.43	62.32	-1116.63	-54.33
57486	53.95	-3.10	-6.90	172.54	34.34	9.37	75.35	-1024.14	-2.95
57487	24.57	-2.50	-6.90	-69.70	-45.00	-570.83	105.86	-797.18	153.33
57488	25.96	-2.50	-6.90	178.21	-1.72	-567.64	9.85	-788.19	4.50
57489	27.36	-2.50	-6.90	206.33	-6.35	-460.65	-44.75	-825.03	10.28
57490	28.75	-2.50	-6.90	165.16	-2.40	-330.08	-63.02	-836.47	9.63
57491	30.15	-2.50	-6.90	125.20	-2.37	-222.58	-67.13	-826.60	11.58
57492	31.55	-2.50	-6.90	106.95	-1.45	-147.61	-65.46	-810.65	10.99
57493	32.94	-2.50	-6.90	109.72	-0.73	-100.27	-62.99	-795.61	9.79
57494	34.34	-2.50	-6.90	127.14	0.20	-73.42	-61.14	-784.10	8.73
57495	35.73	-2.50	-6.90	153.16	1.20	-60.78	-60.02	-776.20	8.29
57496	37.13	-2.50	-6.90	183.72	2.24	-57.48	-59.34	-770.97	8.48
57497	38.53	-2.50	-6.90	216.51	3.25	-59.91	-58.80	-767.23	9.05
57498	39.92	-2.50	-6.90	250.43	4.16	-65.31	-58.27	-763.91	9.57
57499	41.32	-2.50	-6.90	284.72	4.90	-71.39	-57.77	-760.18	9.54
57500	42.72	-2.50	-6.90	318.23	5.39	-75.99	-57.57	-755.52	8.42
57501	44.11	-2.50	-6.90	348.64	5.51	-76.60	-58.07	-749.67	5.79
57502	45.51	-2.50	-6.90	371.68	5.18	-69.91	-59.76	-742.48	1.48
57503	46.90	-2.50	-6.90	380.97	4.28	-51.31	-62.69	-733.55	-4.13
57504	48.30	-2.50	-6.90	369.82	2.96	-14.79	-65.39	-721.50	-10.07
57505	49.70	-2.50	-6.90	337.96	1.42	44.75	-62.18	-703.40	-13.52
57506	51.09	-2.50	-6.90	309.30	2.32	120.65	-39.87	-674.59	-17.00
57507	52.49	-2.50	-6.90	358.98	-19.63	174.14	0.70	-648.75	-15.89
57508	53.88	-2.50	-6.90	613.63	149.94	156.88	160.16	-686.53	-121.01
57509	24.50	-3.10	-8.30	481.11	63.70	-547.50	436.78	-902.37	-230.29
57510	25.90	-3.10	-8.30	160.64	-64.63	-597.51	282.40	-1055.37	-123.17
57511	27.30	-3.10	-8.30	21.00	-10.06	-425.09	230.81	-1118.06	-61.29
57512	28.71	-3.10	-8.30	-4.95	3.56	-263.23	215.33	-1098.06	-15.39
57513	30.11	-3.10	-8.30	13.42	14.50	-145.76	219.16	-1054.79	4.40
57514	31.51	-3.10	-8.30	46.18	16.42	-67.08	227.36	-1007.46	10.76
57515	32.91	-3.10	-8.30	81.60	14.70	-16.93	234.88	-966.15	10.96
57516	34.32	-3.10	-8.30	115.62	11.20	14.76	240.25	-934.54	9.59
57517	35.72	-3.10	-8.30	147.21	7.26	35.47	243.56	-912.91	8.47
57518	37.12	-3.10	-8.30	176.47	3.45	49.87	245.28	-900.09	8.02
57519	38.52	-3.10	-8.30	203.84	-0.09	60.51	245.77	-894.72	8.03

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]
57520	39.93	-3.10	-8.30	229.83	-3.41	68.60	245.24	-895.80	7.96
57521	41.33	-3.10	-8.30	254.98	-6.69	74.66	243.59	-902.90	7.13
57522	42.73	-3.10	-8.30	279.85	-10.03	79.24	240.50	-916.02	4.84
57523	44.13	-3.10	-8.30	305.09	-13.37	83.54	235.36	-935.30	0.53
57524	45.54	-3.10	-8.30	331.33	-16.27	90.28	227.48	-960.20	-5.72
57525	46.94	-3.10	-8.30	358.74	-17.45	104.42	216.52	-988.33	-12.26
57526	48.34	-3.10	-8.30	385.15	-15.04	133.18	203.95	-1013.73	-14.05
57527	49.74	-3.10	-8.30	401.70	-2.86	184.05	195.10	-1024.92	-2.52
57528	51.15	-3.10	-8.30	383.41	13.59	254.14	203.94	-1003.48	37.61
57529	52.55	-3.10	-8.30	276.16	66.80	301.59	266.24	-911.40	97.42
57530	53.95	-3.10	-8.30	13.74	59.08	149.23	361.75	-797.00	214.81
57531	24.57	-2.50	-8.30	-158.69	-37.27	-649.89	546.41	-838.76	-55.71
57532	25.96	-2.50	-8.30	47.65	5.98	-612.62	450.67	-1068.14	-46.97
57533	27.36	-2.50	-8.30	27.55	-11.60	-458.38	405.23	-1112.39	1.25
57534	28.75	-2.50	-8.30	7.49	-3.31	-312.12	385.64	-1074.21	16.17
57535	30.15	-2.50	-8.30	5.30	-0.88	-208.89	380.59	-1025.51	20.52
57536	31.55	-2.50	-8.30	21.11	0.75	-139.35	381.41	-985.45	17.58
57537	32.94	-2.50	-8.30	47.93	-0.07	-97.60	383.41	-958.00	13.59
57538	34.34	-2.50	-8.30	79.54	-2.56	-76.40	385.16	-941.21	10.93
57539	35.73	-2.50	-8.30	112.11	-6.23	-69.49	386.31	-931.75	10.16
57540	37.13	-2.50	-8.30	143.99	-10.50	-71.74	386.84	-926.53	10.92
57541	38.53	-2.50	-8.30	174.92	-14.88	-79.03	386.81	-923.20	12.53
57542	39.92	-2.50	-8.30	205.36	-18.95	-87.89	386.15	-920.17	14.19
57543	41.32	-2.50	-8.30	235.93	-22.28	-95.19	384.71	-916.51	15.03
57544	42.72	-2.50	-8.30	266.92	-24.40	-97.78	382.17	-911.99	14.14
57545	44.11	-2.50	-8.30	297.76	-24.79	-92.31	378.06	-907.19	10.65
57546	45.51	-2.50	-8.30	326.31	-22.85	-75.19	371.91	-903.68	4.10
57547	46.90	-2.50	-8.30	348.15	-18.27	-42.86	363.60	-903.96	-4.68
57548	48.30	-2.50	-8.30	356.73	-10.86	7.43	354.35	-910.61	-12.28
57549	49.70	-2.50	-8.30	345.68	-2.33	75.24	349.09	-922.71	-10.36
57550	51.09	-2.50	-8.30	318.53	10.62	155.52	359.61	-925.88	8.64
57551	52.49	-2.50	-8.30	315.23	-8.96	201.33	391.93	-871.98	66.10
57552	53.88	-2.50	-8.30	531.85	149.64	163.29	537.96	-691.50	105.35
57553	55.18	3.10	1.75	203.71	103.29	552.96	-290.26	139.63	334.73
57554	55.10	2.50	1.75	37.23	-123.32	-992.94	-335.76	326.37	339.26
57555	56.21	3.10	1.75	104.72	100.76	421.23	-305.73	-89.36	336.26
57556	56.14	2.50	1.75	-84.89	-136.49	-1058.46	-316.14	-0.23	348.00
57557	57.25	3.10	1.75	-1.17	66.82	169.73	-335.80	-414.53	301.23
57558	57.17	2.50	1.75	-234.15	-135.55	-1090.99	-294.53	-326.17	334.79
57559	58.29	3.10	1.75	-108.60	105.21	-189.95	-427.02	-782.73	299.94
57560	58.21	2.50	1.75	-301.78	-170.36	-1205.70	-329.13	-623.00	343.46
57561	59.33	3.10	1.75	-428.81	21.56	-780.33	-632.26	-769.83	462.39
57562	59.24	2.50	1.75	-1.83	23.71	-1080.27	-575.63	-908.88	630.07
57563	55.14	3.10	0.25	2.93	41.07	-427.03	45.58	287.21	349.58
57564	55.06	2.50	0.25	294.24	8.62	-465.91	60.11	61.39	386.07
57565	56.10	3.10	0.25	-19.11	19.07	-627.47	98.18	68.74	344.99
57566	56.02	2.50	0.25	154.00	22.38	-522.62	106.50	-316.10	386.49
57567	57.06	3.10	0.25	-21.75	6.93	-795.25	74.98	-197.23	287.61
57568	56.98	2.50	0.25	-16.27	25.73	-623.86	83.67	-620.14	333.52
57569	58.02	3.10	0.25	-81.54	65.75	-1023.60	4.22	-441.05	191.51
57570	57.94	2.50	0.25	-45.78	40.33	-741.02	8.76	-887.07	205.39
57571	58.99	3.10	0.25	-398.78	-70.67	-1296.35	-131.89	-513.31	170.31
57572	58.90	2.50	0.25	189.74	110.94	-758.55	-159.31	-1164.75	302.15
57573	55.10	3.10	-1.25	-239.78	-308.78	-1685.89	-37.32	351.24	608.20
57574	55.02	2.50	-1.25	576.13	33.56	232.83	-61.88	-111.46	464.57
57575	55.98	3.10	-1.25	-129.32	-282.78	-1720.23	12.41	18.04	451.27
57576	55.91	2.50	-1.25	326.06	-63.89	70.03	-28.00	-398.12	295.57
57577	56.87	3.10	-1.25	-96.54	-253.01	-1663.71	-20.04	-237.24	356.59
57578	56.79	2.50	-1.25	155.17	-70.08	-171.24	-73.28	-624.03	204.88
57579	57.76	3.10	-1.25	-145.73	-225.85	-1669.64	-4.66	-469.46	275.89
57580	57.67	2.50	-1.25	77.69	-96.20	-457.51	-100.72	-850.32	79.96
57581	58.64	3.10	-1.25	-260.30	-280.49	-1547.39	61.73	-643.27	191.10
57582	58.56	2.50	-1.25	18.08	-166.31	-764.71	-46.01	-1046.47	105.71
57583	24.50	3.10	1.75	406.03	-12.91	-225.59	-268.46	663.42	-130.61
57584	24.56	2.50	1.75	454.00	78.42	353.45	-378.46	823.74	-147.29
57585	25.90	3.10	1.75	420.95	-13.92	-177.24	-263.10	637.65	-111.36
57586	25.96	2.50	1.75	496.46	74.07	316.12	-375.78	838.02	-130.60
57587	27.30	3.10	1.75	434.99	-4.83	-131.63	-259.68	631.33	-83.32
57588	27.36	2.50	1.75	528.34	62.22	246.79	-370.98	830.95	-99.98
57589	28.70	3.10	1.75	441.87	1.98	-92.91	-252.50	633.43	-52.38
57590	28.75	2.50	1.75	540.49	49.41	175.36	-363.52	806.45	-66.78
57591	30.11	3.10	1.75	447.88	7.56	-56.98	-247.22	639.95	-27.98
57592	30.15	2.50	1.75	534.24	36.99	113.84	-357.47	775.96	-40.10
57593	31.51	3.10	1.75	452.02	11.01	-24.59	-244.49	646.38	-11.49
57594	31.54	2.50	1.75	518.21	26.71	64.37	-353.77	747.34	-21.64
57595	32.91	3.10	1.75	453.36	12.80	4.00	-243.36	651.06	-1.34
57596	32.94	2.50	1.75	498.50	18.43	25.14	-351.64	723.62	-9.75
57597	34.32	3.10	1.75	451.96	13.42	28.82	-242.95	653.83	4.56
57598	34.34	2.50	1.75	478.08	11.73	-6.48	-350.32	705.43	-2.27
57599	35.72	3.10	1.75	448.42	13.30	50.35	-242.73	655.03	7.86
57600	35.73	2.50	1.75	457.98	6.10	-33.06	-349.36	692.39	2.52
57601	37.12	3.10	1.75	443.46	12.75	69.36	-242.44	654.99	9.69
57602	37.13	2.50	1.75	438.30	1.16	-56.81	-348.51	683.91	5.80
57603	38.52	3.10	1.75	437.79	12.06	86.81	-241.96	653.71	10.81
57604	38.53	2.50	1.75	418.70	-3.42	-79.62	-347.64	679.40	8.36
57605	39.93	3.10	1.75	432.03	11.45	103.87	-241.23	650.79	11.82
57606	39.92	2.50	1.75	398.65	-7.89	-103.22	-346.66	678.38	10.80
57607	41.33	3.10	1.75	426.73	11.22	121.98	-240.26	645.37	13.32
57608	41.32	2.50	1.75	377.45	-12.51	-129.30	-345.49	680.56	13.72
57609	42.73	3.10	1.75	422.41	11.71	142.93	-239.08	636.09	16.15
57610	42.72	2.50	1.75	354.24	-17.57	-159.72	-344.06	685.76	17.89
57611	44.13	3.10	1.75	419.44	13.44	168.94	-237.80	621.00	21.57
57612	44.11	2.50	1.75	327.92	-23.44	-196.59	-342.40	693.93	24.52
57613	45.54	3.10	1.75	417.81	17.11	202.67	-236.76	597.70	31.66
57614	45.51	2.50	1.75	297.33	-30.68	-242.47	-340.65	704.97	35.56
57615	46.94	3.10	1.75	416.45	23.71	246.98	-236.69	563.54	49.58
57616	46.91	2.50	1.75	261.70	-40.04	-300.49	-339.34	718.33	54.06
57617	48.34	3.10	1.75	412.04	34.34	304.14	-239.05	516.54	79.71
57618	48.30	2.50	1.75	221.89	-52.38	-374.38	-339.58	731.90	84.31

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]
57619	49.75	3.10	1.75	397.41	50.14	374.64	-245.68	457.22	126.10
57620	49.70	2.50	1.75	182.38	-68.44	-468.55	-342.77	739.82	130.52
57621	51.15	3.10	1.75	363.08	69.03	453.07	-255.97	391.79	188.09
57622	51.09	2.50	1.75	151.29	-86.65	-586.25	-347.69	728.40	192.36
57623	52.55	3.10	1.75	314.30	90.99	529.46	-262.61	325.20	250.76
57624	52.49	2.50	1.75	128.74	-108.13	-727.73	-345.87	675.74	256.51
57625	53.95	3.10	1.75	251.86	99.42	576.93	-269.92	260.37	299.38
57626	53.89	2.50	1.75	113.56	-113.84	-864.09	-342.29	555.40	304.70
57627	24.50	3.10	0.25	471.96	-19.41	65.27	27.22	891.28	-150.24
57628	24.56	2.50	0.25	305.16	-19.61	40.06	34.36	706.63	-150.24
57629	25.90	3.10	0.25	477.32	7.84	75.98	-5.08	856.94	-126.40
57630	25.96	2.50	0.25	408.77	-19.96	30.26	24.84	715.50	-116.09
57631	27.30	3.10	0.25	431.47	2.08	41.42	13.61	823.58	-80.67
57632	27.36	2.50	0.25	489.30	-13.67	20.47	39.77	682.70	-73.19
57633	28.70	3.10	0.25	404.69	1.96	18.95	28.86	810.64	-50.95
57634	28.75	2.50	0.25	516.90	-10.91	13.40	55.15	636.10	-44.61
57635	30.11	3.10	0.25	393.35	0.29	7.28	37.87	805.91	-30.87
57636	30.15	2.50	0.25	512.67	-7.58	7.45	63.63	594.77	-25.63
57637	31.51	3.10	0.25	389.54	-0.95	6.45	41.85	805.24	-17.05
57638	31.55	2.50	0.25	492.96	-5.28	-0.44	67.25	561.42	-12.71
57639	32.91	3.10	0.25	387.85	-1.84	12.93	42.98	806.18	-7.54
57640	32.94	2.50	0.25	467.55	-3.47	-10.12	68.10	535.66	-3.99
57641	34.32	3.10	0.25	385.82	-2.37	23.55	42.83	807.33	-1.05
57642	34.34	2.50	0.25	441.16	-2.06	-21.11	67.73	516.51	1.79
57643	35.72	3.10	0.25	382.82	-2.63	35.92	42.32	807.97	3.45
57644	35.73	2.50	0.25	415.51	-0.89	-33.07	67.06	503.06	5.65
57645	37.12	3.10	0.25	379.09	-2.72	48.53	41.95	807.63	6.76
57646	37.13	2.50	0.25	390.81	0.12	-45.98	66.57	494.53	8.36
57647	38.52	3.10	0.25	375.24	-2.75	60.51	41.94	805.85	9.50
57648	38.53	2.50	0.25	366.57	1.05	-60.08	66.47	490.32	10.51
57649	39.93	3.10	0.25	372.00	-2.80	71.35	42.39	801.93	12.19
57650	39.92	2.50	0.25	342.03	1.95	-75.81	66.86	489.99	12.63
57651	41.33	3.10	0.25	370.10	-2.95	80.67	43.33	794.81	15.40
57652	41.32	2.50	0.25	316.27	2.88	-93.57	67.74	493.13	15.28
57653	42.73	3.10	0.25	370.22	-3.33	88.01	44.69	783.00	19.81
57654	42.72	2.50	0.25	288.32	3.91	-113.63	69.04	499.34	19.16
57655	44.13	3.10	0.25	372.73	-4.07	92.44	46.23	764.55	26.38
57656	44.11	2.50	0.25	257.24	5.15	-135.81	70.47	508.10	25.24
57657	45.54	3.10	0.25	377.17	-5.36	92.20	47.23	737.10	36.50
57658	45.51	2.50	0.25	222.58	6.76	-159.27	71.32	518.59	34.90
57659	46.94	3.10	0.25	381.01	-7.42	84.11	46.21	698.11	52.08
57660	46.90	2.50	0.25	185.45	9.04	-182.26	70.08	529.51	50.05
57661	48.34	3.10	0.25	377.60	-10.20	63.15	40.40	645.36	75.64
57662	48.30	2.50	0.25	150.56	12.26	-202.47	63.98	538.73	73.22
57663	49.75	3.10	0.25	352.96	-14.09	22.05	25.47	577.75	111.22
57664	49.70	2.50	0.25	129.61	17.35	-218.08	48.89	542.81	108.21
57665	51.15	3.10	0.25	284.11	-14.75	-43.65	-2.32	498.09	166.01
57666	51.09	2.50	0.25	143.95	22.52	-234.30	20.28	534.76	162.47
57667	52.55	3.10	0.25	145.92	-24.60	-151.30	-36.36	432.01	254.23
57668	52.49	2.50	0.25	220.68	36.30	-261.60	-15.08	487.81	247.88
57669	53.95	3.10	0.25	33.41	6.25	-258.82	-7.79	365.23	317.05
57670	53.89	2.50	0.25	299.65	16.09	-355.96	7.63	375.53	321.14
57671	24.50	3.10	-1.25	882.09	88.94	418.15	-219.30	1027.43	-221.65
57672	24.57	2.50	-1.25	258.53	-20.28	-351.37	-165.14	737.46	-192.70
57673	25.90	3.10	-1.25	588.77	-25.38	205.68	-89.18	868.14	-67.92
57674	25.96	2.50	-1.25	455.52	6.36	-233.81	-105.44	727.20	-72.65
57675	27.30	3.10	-1.25	454.35	0.41	128.54	-50.68	818.85	-38.79
57676	27.36	2.50	-1.25	512.15	-2.20	-172.48	-53.52	662.22	-40.04
57677	28.71	3.10	-1.25	386.35	-1.21	70.75	-24.73	788.94	-24.90
57678	28.75	2.50	-1.25	516.61	2.36	-117.19	-30.40	616.59	-26.25
57679	30.11	3.10	-1.25	353.46	0.44	38.11	-10.69	770.44	-15.75
57680	30.15	2.50	-1.25	496.49	1.22	-79.68	-16.48	583.91	-17.01
57681	31.51	3.10	-1.25	337.93	0.69	21.46	-3.12	759.79	-8.75
57682	31.55	2.50	-1.25	466.59	1.22	-55.37	-8.96	559.73	-9.79
57683	32.91	3.10	-1.25	330.36	0.84	15.92	0.65	754.24	-3.17
57684	32.94	2.50	-1.25	434.12	0.84	-41.43	-5.21	541.40	-4.05
57685	34.32	3.10	-1.25	325.94	0.80	17.24	2.37	751.70	1.31
57686	34.34	2.50	-1.25	402.30	0.53	-34.79	-3.45	527.51	0.59
57687	35.72	3.10	-1.25	322.68	0.74	22.27	3.13	750.57	4.92
57688	35.73	2.50	-1.25	372.04	0.24	-33.23	-2.65	517.43	4.36
57689	37.12	3.10	-1.25	320.05	0.66	28.63	3.56	749.68	7.90
57690	37.13	2.50	-1.25	343.13	-0.02	-35.32	-2.19	510.89	7.51
57691	38.52	3.10	-1.25	318.28	0.57	34.47	3.93	748.12	10.56
57692	38.53	2.50	-1.25	314.88	-0.28	-40.23	-1.80	507.69	10.32
57693	39.93	3.10	-1.25	317.98	0.47	38.14	4.35	745.03	13.25
57694	39.92	2.50	-1.25	286.49	-0.54	-47.46	-1.36	507.54	13.16
57695	41.33	3.10	-1.25	319.93	0.35	37.85	4.77	739.50	16.35
57696	41.32	2.50	-1.25	257.18	-0.83	-56.63	-0.94	509.96	16.41
57697	42.73	3.10	-1.25	324.89	0.22	31.42	4.97	730.48	20.33
57698	42.72	2.50	-1.25	226.32	-1.16	-67.09	-0.74	514.07	20.50
57699	44.13	3.10	-1.25	333.31	0.10	15.88	4.41	716.75	25.65
57700	44.11	2.50	-1.25	193.72	-1.56	-77.63	-1.28	518.43	25.92
57701	45.54	3.10	-1.25	344.71	0.01	-13.01	2.09	697.05	32.81
57702	45.51	2.50	-1.25	160.05	-1.99	-86.02	-3.54	520.88	33.13
57703	46.94	3.10	-1.25	356.47	0.21	-61.26	-3.85	670.11	42.26
57704	46.90	2.50	-1.25	127.95	-2.57	-88.59	-9.35	518.53	42.59
57705	48.34	3.10	-1.25	361.68	0.39	-137.47	-16.63	634.72	54.68
57706	48.30	2.50	-1.25	104.02	-2.69	-79.93	-21.66	508.09	54.83
57707	49.74	3.10	-1.25	346.22	3.83	-252.43	-40.75	589.67	70.41
57708	49.70	2.50	-1.25	101.83	-3.86	-54.06	-45.69	486.55	70.97
57709	51.15	3.10	-1.25	281.59	-1.90	-428.30	-86.50	533.34	95.80
57710	51.09	2.50	-1.25	149.42	1.59	-1.18	-88.33	452.23	93.27
57711	52.55	3.10	-1.25	112.19	42.03	-660.68	-174.28	465.11	144.12
57712	52.49	2.50	-1.25	301.86	-16.89	62.65	-171.76	403.71	148.92
57713	53.95	3.10	-1.25	-313.87	-84.53	-1204.50	-334.98	547.86	422.51
57714	53.89	2.50	-1.25	720.33	119.81	231.21	-367.12	217.15	375.29
57715	23.35	2.50	1.75	417.64	76.61	304.09	-384.54	816.01	-148.58
57716	23.27	3.10	1.75	354.72	-13.74	-298.98	-274.49	722.53	-137.60
57717	22.31	2.50	1.75	360.25	67.23	128.65	-386.45	876.70	-128.02



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]
57718	22.24	3.10	1.75	277.08	-21.08	-402.54	-264.00	837.36	-125.11
57719	21.28	2.50	1.75	302.67	38.87	-141.86	-391.85	1053.70	-96.48
57720	21.20	3.10	1.75	182.21	-22.71	-558.72	-246.95	1000.92	-122.13
57721	20.24	2.50	1.75	258.96	43.66	-470.31	-439.31	1293.12	-123.89
57722	20.16	3.10	1.75	167.48	-100.40	-838.83	-260.39	1194.85	-180.64
57723	19.21	2.50	1.75	70.24	-56.10	-831.51	-574.18	1245.50	-228.89
57724	19.12	3.10	1.75	518.43	-6.56	-944.51	-454.65	1354.22	-410.46
57725	23.39	2.50	0.25	268.88	-8.35	-51.10	66.77	650.95	-163.15
57726	23.31	3.10	0.25	422.88	-27.29	-25.02	68.78	979.98	-160.61
57727	22.43	2.50	0.25	262.67	0.18	-269.30	97.75	700.78	-134.86
57728	22.35	3.10	0.25	311.87	3.65	-200.78	101.60	1106.43	-146.40
57729	21.47	2.50	0.25	268.36	-4.22	-519.13	86.74	854.81	-83.97
57730	21.39	3.10	0.25	194.31	14.79	-445.32	83.12	1246.00	-107.80
57731	20.51	2.50	0.25	230.60	15.09	-820.64	23.93	1014.19	-60.11
57732	20.43	3.10	0.25	202.67	-6.47	-659.83	17.80	1380.93	-47.73
57733	19.55	2.50	0.25	-69.71	-92.21	-1044.31	-137.06	1107.57	23.19
57734	19.46	3.10	0.25	541.64	91.93	-742.70	-179.15	1519.52	-115.77
57735	23.43	2.50	-1.25	193.97	-19.27	-517.39	36.49	681.76	-245.95
57736	23.35	3.10	-1.25	632.50	144.48	377.11	-80.16	1081.79	-260.72
57737	22.54	2.50	-1.25	204.82	-50.44	-674.87	29.46	763.46	-158.57
57738	22.47	3.10	-1.25	364.50	14.05	6.33	-113.72	1173.82	-97.76
57739	21.66	2.50	-1.25	189.41	-80.64	-805.49	-24.38	883.56	-108.23
57740	21.58	3.10	-1.25	197.37	-30.68	-365.27	-173.55	1304.97	-21.27
57741	20.78	2.50	-1.25	107.92	-77.93	-942.04	-63.28	985.31	-58.28
57742	20.69	3.10	-1.25	100.12	-102.83	-702.71	-230.97	1447.69	94.68
57743	19.89	2.50	-1.25	-118.15	-158.36	-1032.41	-145.66	1111.96	109.51
57744	19.81	3.10	-1.25	135.59	-128.69	-937.17	-312.98	1503.22	128.41
57745	24.57	2.50	-2.70	290.91	28.06	-372.52	-151.29	520.46	128.90
57746	25.96	2.50	-2.70	473.76	-4.82	-362.88	-109.69	519.64	27.59
57747	27.36	2.50	-2.70	494.74	-8.81	-264.01	-43.86	510.35	6.41
57748	28.75	2.50	-2.70	480.03	-0.74	-184.65	-22.24	505.52	-0.66
57749	30.15	2.50	-2.70	450.95	-1.60	-127.19	-8.61	502.10	-2.24
57750	31.55	2.50	-2.70	418.48	-0.46	-86.92	-1.18	499.26	-1.69
57751	32.94	2.50	-2.70	386.13	-0.23	-59.60	3.00	495.80	0.39
57752	34.34	2.50	-2.70	354.98	-0.02	-41.39	5.44	491.86	3.07
57753	35.73	2.50	-2.70	325.04	0.06	-29.68	6.89	488.15	5.85
57754	37.13	2.50	-2.70	295.93	0.11	-22.73	7.81	485.38	8.51
57755	38.53	2.50	-2.70	267.15	0.12	-19.38	8.40	483.97	11.07
57756	39.92	2.50	-2.70	238.24	0.11	-18.82	8.72	483.93	13.66
57757	41.32	2.50	-2.70	208.96	0.09	-20.36	8.68	484.80	16.45
57758	42.72	2.50	-2.70	179.57	0.07	-23.27	7.99	485.48	19.60
57759	44.11	2.50	-2.70	151.16	0.06	-26.53	6.12	483.91	23.14
57760	45.51	2.50	-2.70	126.07	0.19	-28.46	2.23	476.89	26.79
57761	46.90	2.50	-2.70	108.55	0.38	-26.19	-5.15	460.06	29.78
57762	48.30	2.50	-2.70	106.28	1.49	-14.93	-18.37	428.63	30.47
57763	49.70	2.50	-2.70	133.13	1.57	12.06	-42.71	379.00	27.12
57764	51.09	2.50	-2.70	219.68	9.96	63.14	-85.88	308.01	13.43
57765	52.49	2.50	-2.70	429.36	-16.71	141.10	-165.37	227.30	-39.62
57766	53.88	2.50	-2.70	967.23	193.94	194.49	-415.34	143.60	-199.50
57767	24.50	3.10	-2.70	1085.29	182.79	338.77	-298.20	897.89	69.56
57768	25.90	3.10	-2.70	644.27	-40.47	210.46	-80.76	866.37	41.40
57769	27.30	3.10	-2.70	462.15	3.93	127.44	-52.38	832.23	3.72
57770	28.71	3.10	-2.70	367.48	-0.42	73.54	-23.94	798.40	-0.46
57771	30.11	3.10	-2.70	318.45	0.85	40.87	-10.46	773.44	-2.62
57772	31.51	3.10	-2.70	292.28	0.67	22.15	-2.96	756.05	-1.95
57773	32.91	3.10	-2.70	278.14	0.60	12.64	1.31	745.13	0.14
57774	34.32	3.10	-2.70	270.39	0.42	8.98	3.77	738.88	2.87
57775	35.72	3.10	-2.70	266.20	0.25	8.71	5.25	735.55	5.69
57776	37.12	3.10	-2.70	264.25	0.07	9.70	6.17	733.81	8.39
57777	38.52	3.10	-2.70	264.17	-0.13	9.88	6.77	732.77	10.98
57778	39.93	3.10	-2.70	266.15	-0.35	6.99	7.10	731.81	13.60
57779	41.33	3.10	-2.70	270.69	-0.63	-1.60	7.07	730.46	16.43
57780	42.73	3.10	-2.70	278.31	-0.97	-19.08	6.39	728.37	19.61
57781	44.13	3.10	-2.70	289.19	-1.38	-49.33	4.52	725.34	23.17
57782	45.54	3.10	-2.70	302.73	-1.88	-97.17	0.60	721.45	26.84
57783	46.94	3.10	-2.70	316.64	-2.24	-168.56	-6.81	717.07	29.77
57784	48.34	3.10	-2.70	325.28	-3.25	-271.24	-20.49	712.79	30.56
57785	49.74	3.10	-2.70	316.95	-0.11	-414.77	-44.28	709.14	26.29
57786	51.15	3.10	-2.70	264.32	-12.13	-612.94	-90.35	711.28	15.83
57787	52.55	3.10	-2.70	110.70	43.31	-879.92	-183.57	714.99	-59.29
57788	53.95	3.10	-2.70	-339.85	-78.65	-1119.70	-324.54	791.82	-122.63
57789	24.57	2.50	-4.10	324.81	84.41	-204.40	-8.18	471.11	208.88
57790	25.96	2.50	-4.10	391.60	-11.50	-248.78	-63.02	371.12	75.02
57791	27.36	2.50	-4.10	400.52	-2.20	-210.66	-31.52	377.75	44.20
57792	28.75	2.50	-4.10	388.27	-0.32	-160.56	-20.38	402.79	18.37
57793	30.15	2.50	-4.10	367.67	-0.78	-117.19	-12.42	426.20	8.49
57794	31.55	2.50	-4.10	345.45	-0.25	-82.39	-7.29	442.50	4.77
57795	32.94	2.50	-4.10	322.43	-0.13	-54.99	-3.63	452.09	4.53
57796	34.34	2.50	-4.10	298.60	-0.05	-33.44	-0.97	457.01	5.76
57797	35.73	2.50	-4.10	274.12	-0.05	-16.71	0.87	459.19	7.60
57798	37.13	2.50	-4.10	249.14	-0.09	-4.02	2.08	460.01	9.62
57799	38.53	2.50	-4.10	223.71	-0.16	5.26	2.80	460.26	11.70
57800	39.92	2.50	-4.10	197.90	-0.24	11.62	3.06	460.19	13.75
57801	41.32	2.50	-4.10	172.07	-0.36	15.35	2.73	459.58	15.75
57802	42.72	2.50	-4.10	147.37	-0.49	16.51	1.52	457.59	17.59
57803	44.11	2.50	-4.10	126.19	-0.63	14.83	-1.04	452.49	19.04
57804	45.51	2.50	-4.10	112.58	-0.73	9.75	-5.51	441.27	19.47
57805	46.90	2.50	-4.10	112.46	-0.72	0.67	-12.55	419.47	17.51
57806	48.30	2.50	-4.10	133.66	-0.55	-12.31	-22.96	381.79	10.07
57807	49.70	2.50	-4.10	186.78	0.20	-27.85	-38.83	324.99	-8.14
57808	51.09	2.50	-4.10	290.58	0.48	-46.08	-64.22	257.36	-52.40
57809	52.49	2.50	-4.10	467.09	-3.87	-79.50	-81.60	223.91	-123.48
57810	53.88	2.50	-4.10	683.79	75.25	-154.74	-98.45	321.27	-253.57
57811	24.50	3.10	-4.10	709.33	111.27	79.86	-109.03	719.61	123.37
57812	25.90	3.10	-4.10	526.64	-22.53	69.23	-35.57	808.63	95.17
57813	27.30	3.10	-4.10	403.37	-1.20	47.23	-35.33	809.25	41.00
57814	28.71	3.10	-4.10	322.91	-0.67	28.38	-18.95	787.99	19.33
57815	30.11	3.10	-4.10	274.38	-0.19	15.19	-11.08	765.73	8.15
57816	31.51	3.10	-4.10	244.77	0.24	5.68	-5.96	748.65	4.57

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]
57817	32.91	3.10	-4.10	227.35	0.41	-1.24	-2.22	736.96	4.29
57818	34.32	3.10	-4.10	217.85	0.45	-5.99	0.45	729.45	5.56
57819	35.72	3.10	-4.10	213.37	0.41	-9.13	2.31	724.95	7.43
57820	37.12	3.10	-4.10	212.09	0.31	-11.71	3.52	722.71	9.50
57821	38.52	3.10	-4.10	213.09	0.18	-15.41	4.25	722.40	11.62
57822	39.93	3.10	-4.10	216.10	0.01	-22.47	4.51	723.95	13.72
57823	41.33	3.10	-4.10	221.24	-0.21	-35.68	4.18	727.52	15.77
57824	42.73	3.10	-4.10	228.58	-0.46	-58.34	2.97	733.39	17.67
57825	44.13	3.10	-4.10	237.88	-0.72	-94.16	0.39	742.07	19.18
57826	45.54	3.10	-4.10	248.15	-0.92	-146.94	-4.11	754.34	19.67
57827	46.94	3.10	-4.10	257.35	-0.92	-220.13	-11.19	771.35	17.69
57828	48.34	3.10	-4.10	261.68	-0.74	-316.16	-21.83	794.39	10.34
57829	49.74	3.10	-4.10	253.54	1.11	-434.45	-37.71	824.10	-9.17
57830	51.15	3.10	-4.10	214.68	1.15	-568.23	-62.73	855.90	-50.04
57831	52.55	3.10	-4.10	124.24	13.32	-681.99	-96.65	863.48	-146.74
57832	53.95	3.10	-4.10	8.06	45.04	-671.54	-5.13	789.90	-146.95
57833	24.57	2.50	-5.50	369.80	82.35	-103.68	71.68	461.66	195.92
57834	25.96	2.50	-5.50	306.68	-10.54	-102.01	17.47	331.83	63.17
57835	27.36	2.50	-5.50	270.77	-0.43	-98.22	9.33	324.83	46.23
57836	28.75	2.50	-5.50	260.48	-0.51	-89.07	-0.42	353.15	22.04
57837	30.15	2.50	-5.50	258.64	-0.43	-73.33	-1.20	383.44	12.44
57838	31.55	2.50	-5.50	255.19	-0.06	-53.90	1.13	405.80	8.65
57839	32.94	2.50	-5.50	247.12	0.10	-33.38	4.12	420.47	7.79
57840	34.34	2.50	-5.50	234.74	0.21	-13.65	6.72	429.73	8.16
57841	35.73	2.50	-5.50	219.39	0.31	4.18	8.60	435.39	9.19
57842	37.13	2.50	-5.50	202.19	0.41	19.57	9.83	438.54	10.60
57843	38.53	2.50	-5.50	183.77	0.52	32.35	10.53	439.79	12.18
57844	39.92	2.50	-5.50	164.51	0.61	42.34	10.77	439.46	13.72
57845	41.32	2.50	-5.50	145.02	0.68	49.17	10.43	437.69	14.92
57846	42.72	2.50	-5.50	126.76	0.71	51.94	9.23	434.39	15.49
57847	44.11	2.50	-5.50	112.72	0.70	48.91	6.76	429.09	15.06
57848	45.51	2.50	-5.50	107.98	0.69	37.06	2.66	420.62	13.10
57849	46.90	2.50	-5.50	119.68	0.80	11.80	-2.96	406.67	8.65
57850	48.30	2.50	-5.50	155.50	1.02	-33.06	-8.76	383.77	-0.75
57851	49.70	2.50	-5.50	219.13	2.43	-103.38	-10.94	349.81	-19.58
57852	51.09	2.50	-5.50	298.21	2.78	-200.49	-2.15	314.60	-57.23
57853	52.49	2.50	-5.50	352.19	2.36	-310.41	36.01	318.79	-91.86
57854	53.88	2.50	-5.50	308.73	36.37	-375.70	51.16	410.67	-175.35
57855	24.50	3.10	-5.50	283.84	63.46	-121.57	-4.24	650.81	104.99
57856	25.90	3.10	-5.50	298.54	-2.89	-92.93	32.22	746.97	83.66
57857	27.30	3.10	-5.50	283.31	-1.98	-52.89	2.35	762.66	43.92
57858	28.71	3.10	-5.50	247.42	-1.67	-28.09	-5.08	758.41	24.48
57859	30.11	3.10	-5.50	212.81	-2.01	-18.11	-6.09	748.48	13.70
57860	31.51	3.10	-5.50	187.67	-1.38	-17.62	-3.87	738.78	9.94
57861	32.91	3.10	-5.50	172.27	-1.00	-21.47	-0.84	730.50	8.85
57862	34.32	3.10	-5.50	164.42	-0.75	-26.29	1.76	723.81	9.02
57863	35.72	3.10	-5.50	161.57	-0.64	-30.82	3.65	718.96	9.83
57864	37.12	3.10	-5.50	161.75	-0.62	-35.25	4.87	716.31	11.03
57865	38.52	3.10	-5.50	163.78	-0.64	-40.73	5.58	716.35	12.41
57866	39.93	3.10	-5.50	167.09	-0.69	-49.08	5.83	719.69	13.72
57867	41.33	3.10	-5.50	171.40	-0.73	-62.71	5.51	727.04	14.70
57868	42.73	3.10	-5.50	176.44	-0.73	-84.50	4.30	739.21	15.02
57869	44.13	3.10	-5.50	181.48	-0.62	-117.61	1.78	756.95	14.31
57870	45.54	3.10	-5.50	185.18	-0.28	-164.87	-2.44	780.88	12.08
57871	46.94	3.10	-5.50	185.59	0.38	-227.48	-8.26	811.16	7.32
57872	48.34	3.10	-5.50	181.02	1.48	-302.80	-14.37	846.87	-2.15
57873	49.74	3.10	-5.50	172.26	2.97	-380.82	-16.81	883.01	-22.15
57874	51.15	3.10	-5.50	168.33	4.74	-440.74	-5.46	903.99	-55.47
57875	52.55	3.10	-5.50	191.75	-6.68	-460.28	19.64	872.46	-112.12
57876	53.95	3.10	-5.50	287.65	55.76	-431.52	99.18	750.14	-78.36
57877	24.57	2.50	-6.90	452.25	119.62	-60.52	132.10	384.04	132.28
57878	25.96	2.50	-6.90	208.91	-11.62	-17.39	6.19	298.41	18.87
57879	27.36	2.50	-6.90	135.89	6.14	-14.45	-32.52	306.79	15.47
57880	28.75	2.50	-6.90	134.79	2.50	-22.63	-53.12	329.33	14.33
57881	30.15	2.50	-6.90	152.17	2.24	-23.63	-58.25	348.42	15.39
57882	31.55	2.50	-6.90	165.31	1.74	-15.83	-57.69	362.83	14.74
57883	32.94	2.50	-6.90	170.28	1.36	-2.28	-56.05	373.88	13.63
57884	34.34	2.50	-6.90	168.92	0.82	13.77	-54.75	382.33	12.69
57885	35.73	2.50	-6.90	163.78	0.16	30.33	-53.98	388.36	12.37
57886	37.13	2.50	-6.90	156.50	-0.62	46.20	-53.52	391.98	12.69
57887	38.53	2.50	-6.90	147.80	-1.48	60.56	-53.14	393.25	13.39
57888	39.92	2.50	-6.90	137.84	-2.40	72.54	-52.72	392.39	14.03
57889	41.32	2.50	-6.90	126.81	-3.32	80.96	-52.35	389.87	14.10
57890	42.72	2.50	-6.90	115.54	-4.21	84.02	-52.30	386.46	13.04
57891	44.11	2.50	-6.90	106.27	-5.00	78.92	-53.04	383.30	10.40
57892	45.51	2.50	-6.90	103.37	-5.69	61.29	-55.09	381.91	6.00
57893	46.90	2.50	-6.90	113.58	-6.18	24.52	-58.49	383.76	0.24
57894	48.30	2.50	-6.90	144.24	-7.09	-40.83	-61.53	389.50	-5.77
57895	49.70	2.50	-6.90	196.49	-7.33	-145.48	-57.78	397.31	-9.37
57896	51.09	2.50	-6.90	248.19	-12.35	-291.49	-36.93	398.25	-11.40
57897	52.49	2.50	-6.90	227.57	-14.71	-448.02	30.26	390.10	-18.04
57898	53.88	2.50	-6.90	-20.79	-31.70	-530.81	129.31	394.57	-79.83
57899	24.50	3.10	-6.90	-105.22	8.59	-273.42	80.11	649.97	53.70
57900	25.90	3.10	-6.90	84.99	8.28	-186.64	44.17	719.42	34.60
57901	27.30	3.10	-6.90	144.75	-2.36	-102.88	-12.58	742.34	8.54
57902	28.71	3.10	-6.90	148.06	5.48	-58.94	-31.99	757.00	9.91
57903	30.11	3.10	-6.90	133.55	5.79	-43.87	-37.14	764.22	9.98
57904	31.51	3.10	-6.90	120.01	6.44	-42.49	-36.61	764.71	9.90
57905	32.91	3.10	-6.90	112.35	5.97	-46.25	-34.79	761.30	9.41
57906	34.32	3.10	-6.90	110.13	5.29	-51.13	-33.36	756.40	9.25
57907	35.72	3.10	-6.90	111.48	4.56	-55.98	-32.50	751.82	9.73
57908	37.12	3.10	-6.90	114.75	3.89	-60.92	-31.99	748.83	10.85
57909	38.52	3.10	-6.90	118.83	3.24	-66.64	-31.61	748.48	12.34
57910	39.93	3.10	-6.90	122.99	2.55	-74.16	-31.23	751.76	13.78
57911	41.33	3.10	-6.90	126.72	1.70	-84.89	-30.90	759.75	14.64
57912	42.73	3.10	-6.90	129.37	0.60	-100.75	-30.85	773.60	14.38
57913	44.13	3.10	-6.90	129.97	-0.79	-124.24	-31.50	794.32	12.48
57914	45.54	3.10	-6.90	127.03	-2.36	-158.14	-33.29	822.20	8.65
57915	46.94	3.10	-6.90	119.04	-3.88	-204.52	-36.14	856.04	3.06

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]
57916	48.34	3.10	-6.90	106.55	-4.49	-262.40	-38.14	891.75	-3.34
57917	49.74	3.10	-6.90	98.11	-5.02	-325.30	-33.33	920.40	-9.45
57918	51.15	3.10	-6.90	123.92	2.08	-375.21	-5.99	925.15	-11.52
57919	52.55	3.10	-6.90	231.83	-28.68	-388.29	46.06	875.75	-45.17
57920	53.95	3.10	-6.90	526.79	97.86	-365.65	176.54	773.52	0.42
57921	24.57	2.50	-8.30	283.68	101.59	-118.24	503.02	413.17	-98.64
57922	25.96	2.50	-8.30	47.32	-36.66	-48.69	383.51	491.66	-87.87
57923	27.36	2.50	-8.30	12.92	-15.08	-2.93	343.44	525.68	-32.57
57924	28.75	2.50	-8.30	34.22	-16.74	11.82	328.45	537.92	-5.10
57925	30.15	2.50	-8.30	60.33	-13.59	19.80	330.74	544.15	7.76
57926	31.55	2.50	-8.30	79.25	-11.50	27.26	338.25	552.08	10.55
57927	32.94	2.50	-8.30	91.63	-8.96	36.41	345.48	561.54	9.88
57928	34.34	2.50	-8.30	100.23	-6.03	47.80	350.91	570.55	8.97
57929	35.73	2.50	-8.30	107.12	-2.59	61.22	354.40	577.51	9.04
57930	37.13	2.50	-8.30	113.21	1.25	75.86	356.32	581.56	10.16
57931	38.53	2.50	-8.30	118.47	5.37	90.47	357.06	582.47	11.92
57932	39.92	2.50	-8.30	122.36	9.58	103.37	356.89	580.47	13.68
57933	41.32	2.50	-8.30	124.13	13.69	112.38	355.94	576.23	14.64
57934	42.72	2.50	-8.30	123.21	17.46	114.75	354.18	571.00	13.94
57935	44.11	2.50	-8.30	119.66	20.58	107.04	351.45	566.87	10.73
57936	45.51	2.50	-8.30	114.79	22.74	85.00	347.61	567.17	4.58
57937	46.90	2.50	-8.30	111.86	23.87	43.68	342.92	576.62	-3.64
57938	48.30	2.50	-8.30	115.98	23.74	-22.49	339.07	600.47	-10.25
57939	49.70	2.50	-8.30	131.83	24.76	-118.29	341.93	640.92	-6.79
57940	51.09	2.50	-8.30	154.90	22.00	-254.71	361.99	688.34	15.57
57941	52.49	2.50	-8.30	160.01	40.88	-416.33	424.25	688.98	71.65
57942	53.88	2.50	-8.30	-60.94	9.42	-550.70	547.12	515.47	145.08
57943	24.50	3.10	-8.30	-314.75	-0.22	-230.23	400.13	476.78	-131.08
57944	25.90	3.10	-8.30	-72.52	26.65	-80.05	310.98	499.95	-70.23
57945	27.30	3.10	-8.30	10.88	-18.79	-47.83	254.14	549.82	-25.24
57946	28.71	3.10	-8.30	37.00	-26.47	-53.87	236.42	577.66	7.70
57947	30.11	3.10	-8.30	41.18	-32.18	-66.96	237.96	587.23	20.70
57948	31.51	3.10	-8.30	42.13	-30.73	-75.16	244.81	586.46	22.77
57949	32.91	3.10	-8.30	45.35	-27.46	-79.59	251.57	580.97	20.40
57950	34.32	3.10	-8.30	51.32	-23.59	-82.61	256.53	574.30	17.52
57951	35.72	3.10	-8.30	59.06	-19.95	-86.01	259.69	568.37	15.57
57952	37.12	3.10	-8.30	67.55	-16.66	-90.52	261.45	564.18	14.74
57953	38.52	3.10	-8.30	75.94	-13.55	-96.13	262.20	562.44	14.67
57954	39.93	3.10	-8.30	83.54	-10.33	-102.44	262.15	563.91	14.72
57955	41.33	3.10	-8.30	89.64	-6.61	-109.09	261.31	569.62	14.15
57956	42.73	3.10	-8.30	93.37	-2.06	-116.17	259.45	580.94	12.19
57957	44.13	3.10	-8.30	93.54	3.49	-124.91	256.09	599.32	8.27
57958	45.54	3.10	-8.30	88.64	9.85	-138.53	250.67	625.71	2.50
57959	46.94	3.10	-8.30	77.32	15.95	-163.30	243.00	659.53	-3.26
57960	48.34	3.10	-8.30	60.36	19.88	-209.29	234.62	697.07	-3.56
57961	49.74	3.10	-8.30	45.96	15.54	-289.46	230.88	729.85	11.74
57962	51.15	3.10	-8.30	62.32	7.88	-417.29	249.00	745.56	58.24
57963	52.55	3.10	-8.30	187.01	-52.28	-585.38	305.69	700.63	134.28
57964	53.95	3.10	-8.30	534.98	97.10	-573.98	491.01	622.56	270.08
57965	56.42	8.10	1.75	-51.22	-269.36	-1481.30	-265.65	1694.91	402.56
57966	57.53	8.10	1.75	-275.27	-296.59	-1621.07	-194.63	1017.35	445.25
57967	58.64	8.10	1.75	-599.96	-295.57	-1662.80	-111.57	332.91	439.27
57968	59.75	8.10	1.75	-923.70	-254.76	-1769.28	-96.33	-313.69	386.08
57969	60.87	8.10	1.75	-998.59	-146.05	-1753.88	-228.87	-756.35	558.11
57970	56.65	8.70	1.75	54.56	-90.55	-179.05	-95.40	1554.94	245.34
57971	57.78	8.70	1.75	-168.18	-101.89	-283.88	-66.31	1040.97	274.72
57972	58.90	8.70	1.75	-472.84	-113.32	-451.79	-46.80	471.53	257.58
57973	60.03	8.70	1.75	-811.70	-45.70	-766.50	-51.31	-130.27	239.21
57974	61.16	8.70	1.75	-1367.26	-145.37	-1499.16	-272.05	-397.47	309.71
57975	56.38	8.10	0.25	226.49	97.52	-1246.17	20.57	1513.24	399.89
57976	57.41	8.10	0.25	62.15	88.67	-1320.31	61.74	745.34	437.87
57977	58.44	8.10	0.25	-210.67	76.01	-1358.90	47.52	107.85	402.76
57978	59.46	8.10	0.25	-419.87	133.72	-1512.83	2.93	-471.20	264.73
57979	60.49	8.10	0.25	-558.03	-32.59	-1644.87	7.30	-971.43	424.31
57980	56.61	8.70	0.25	-126.59	153.88	-1434.43	10.91	1564.11	323.02
57981	57.65	8.70	0.25	-268.47	107.49	-1629.10	56.79	964.73	364.27
57982	58.69	8.70	0.25	-432.12	92.44	-1710.01	19.13	404.21	323.55
57983	59.74	8.70	0.25	-593.77	145.42	-1822.86	10.74	-129.09	222.34
57984	60.78	8.70	0.25	-809.15	-44.82	-2086.71	-85.13	-357.81	231.30
57985	56.33	8.10	-1.25	352.16	-279.48	-936.71	-81.67	1304.85	311.26
57986	57.28	8.10	-1.25	235.71	-373.20	-922.50	20.26	604.33	239.07
57987	58.23	8.10	-1.25	46.57	-323.85	-1022.80	17.98	83.01	162.23
57988	59.17	8.10	-1.25	-112.65	-271.64	-1262.68	10.58	-405.56	95.01
57989	60.12	8.10	-1.25	-347.41	-577.58	-1602.28	213.40	-885.12	347.88
57990	56.57	8.70	-1.25	-482.40	-663.98	-3122.70	-195.05	1684.27	778.10
57991	57.52	8.70	-1.25	-369.64	-661.31	-3112.64	-51.48	892.13	648.22
57992	58.48	8.70	-1.25	-416.08	-540.02	-2945.54	-5.23	291.28	522.89
57993	59.44	8.70	-1.25	-517.14	-528.37	-2933.63	106.65	-273.06	519.44
57994	60.40	8.70	-1.25	-533.65	-704.55	-2749.00	254.67	-622.37	593.72
57995	55.11	8.10	1.75	43.82	-230.86	-1204.02	-315.02	2173.90	348.04
57996	55.32	8.70	1.75	136.70	-71.21	-72.18	-96.29	1893.24	202.52
57997	53.60	8.10	1.75	51.58	-198.37	-926.16	-343.50	2416.48	283.98
57998	53.79	8.70	1.75	200.26	-51.42	10.99	-105.34	2093.74	157.53
57999	52.08	8.10	1.75	72.57	-152.24	-669.21	-357.49	2529.92	199.80
58000	52.26	8.70	1.75	248.70	-43.81	75.31	-108.95	2236.99	107.39
58001	50.57	8.10	1.75	116.16	-112.04	-477.67	-361.19	2567.24	130.28
58002	50.72	8.70	1.75	294.11	-32.81	110.63	-106.68	2338.43	62.56
58003	49.06	8.10	1.75	167.31	-80.37	-344.53	-363.01	2571.47	81.94
58004	49.19	8.70	1.75	322.22	-24.28	119.14	-106.90	2414.01	33.04
58005	47.54	8.10	1.75	213.72	-58.08	-253.82	-364.91	2562.21	51.76
58006	47.66	8.70	1.75	337.73	-17.64	115.12	-109.20	2466.56	15.75
58007	46.03	8.10	1.75	251.26	-43.24	-192.81	-366.54	2548.36	33.97
58008	46.12	8.70	1.75	345.97	-13.13	106.03	-112.07	2500.56	6.62
58009	44.52	8.10	1.75	280.34	-33.65	-152.38	-367.73	2534.18	24.04
58010	44.59	8.70	1.75	350.56	-10.17	95.71	-114.59	2520.68	2.36
58011	43.01	8.10	1.75	302.92	-27.51	-126.06	-368.51	2521.75	18.86
58012	43.06	8.70	1.75	353.68	-8.28	85.37	-116.50	2531.16	0.85
58013	41.49	8.10	1.75	321.14	-23.50	-109.18	-369.02	2512.20	16.41
58014	41.52	8.70	1.75	356.59	-7.06	75.11	-117.82	2535.48	0.81

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]
58015	39.98	8.10	1.75	336.89	-20.67	-98.24	-369.42	2506.23	15.37
58016	39.99	8.70	1.75	360.00	-6.20	64.63	-118.64	2536.30	1.43
58017	38.47	8.10	1.75	351.78	-18.32	-90.48	-369.86	2504.35	14.84
58018	38.46	8.70	1.75	364.29	-5.49	53.64	-119.06	2535.46	2.25
58019	36.96	8.10	1.75	367.17	-15.88	-83.44	-370.42	2507.00	14.12
58020	36.93	8.70	1.75	369.68	-4.75	41.88	-119.14	2534.07	2.90
58021	35.44	8.10	1.75	384.28	-12.81	-74.72	-371.15	2514.54	12.56
58022	35.39	8.70	1.75	376.35	-3.81	29.25	-118.92	2532.57	3.06
58023	33.93	8.10	1.75	404.20	-8.52	-61.47	-372.08	2527.19	9.34
58024	33.86	8.70	1.75	384.48	-2.47	15.98	-118.42	2530.77	2.28
58025	32.42	8.10	1.75	427.67	-2.29	-39.99	-373.21	2544.88	3.36
58026	32.33	8.70	1.75	394.10	-0.52	3.04	-117.70	2527.98	-0.09
58027	30.91	8.10	1.75	454.59	6.78	-5.17	-374.63	2566.80	-6.93
58028	30.79	8.70	1.75	404.94	2.35	-7.10	-116.96	2523.00	-5.02
58029	29.39	8.10	1.75	482.61	19.64	49.90	-376.60	2590.66	-23.58
58030	29.26	8.70	1.75	415.91	6.40	-9.21	-116.83	2514.20	-13.95
58031	27.88	8.10	1.75	504.64	36.91	133.53	-379.76	2610.87	-48.95
58032	27.73	8.70	1.75	424.53	11.44	4.87	-118.48	2499.10	-28.43
58033	26.37	8.10	1.75	505.90	56.95	252.04	-383.74	2614.14	-82.73
58034	26.19	8.70	1.75	425.95	17.02	44.95	-123.15	2473.54	-49.09
58035	24.85	8.10	1.75	470.89	74.30	390.53	-385.93	2570.75	-118.91
58036	24.66	8.70	1.75	406.74	18.46	98.92	-124.77	2421.92	-68.07
58037	23.34	8.10	1.75	419.81	86.55	492.16	-380.02	2461.11	-132.54
58038	23.13	8.70	1.75	390.54	28.98	137.92	-131.19	2345.74	-82.95
58039	55.11	8.10	0.25	153.14	75.60	-942.10	-14.49	2106.54	277.62
58040	55.32	8.70	0.25	-92.66	72.71	-1083.45	-40.47	1978.82	292.46
58041	53.59	8.10	0.25	3.72	51.10	-628.91	-3.13	2300.04	186.66
58042	53.79	8.70	0.25	-47.69	8.26	-713.84	-69.75	2203.86	238.95
58043	52.08	8.10	0.25	-54.38	33.10	-432.33	33.79	2358.73	115.87
58044	52.25	8.70	0.25	86.14	8.38	-391.68	-26.94	2312.98	147.69
58045	50.57	8.10	0.25	-36.84	21.08	-314.81	59.68	2378.45	72.73
58046	50.72	8.70	0.25	166.85	0.41	-200.69	-1.67	2417.13	95.90
58047	49.06	8.10	0.25	10.89	13.42	-236.22	71.86	2384.10	46.09
58048	49.19	8.70	0.25	212.30	-0.97	-81.22	11.83	2500.93	62.01
58049	47.54	8.10	0.25	66.18	9.15	-180.49	76.53	2381.19	28.98
58050	47.66	8.70	0.25	237.03	-1.29	-11.21	17.07	2564.42	40.28
58051	46.03	8.10	0.25	118.61	6.71	-140.56	77.25	2373.36	18.48
58052	46.12	8.70	0.25	251.63	-0.94	27.83	18.26	2608.80	26.74
58053	44.52	8.10	0.25	164.86	5.37	-112.36	76.30	2363.48	12.45
58054	44.59	8.70	0.25	261.96	-0.51	47.09	17.64	2637.18	18.80
58055	43.01	8.10	0.25	204.88	4.62	-93.16	74.87	2353.65	9.29
58056	43.06	8.70	0.25	271.22	-0.15	53.67	16.44	2653.37	14.46
58057	41.49	8.10	0.25	239.96	4.17	-80.79	73.54	2345.30	7.83
58058	41.52	8.70	0.25	280.99	0.12	52.01	15.27	2661.06	12.26
58059	39.98	8.10	0.25	271.84	3.85	-73.37	72.59	2339.41	7.29
58060	39.99	8.70	0.25	291.96	0.30	45.07	14.39	2663.30	11.22
58061	38.47	8.10	0.25	302.39	3.56	-69.22	72.12	2336.64	7.10
58062	38.46	8.70	0.25	304.41	0.42	35.01	13.90	2662.24	10.61
58063	36.96	8.10	0.25	333.42	3.24	-66.76	72.12	2337.50	6.79
58064	36.93	8.70	0.25	318.53	0.52	23.60	13.80	2659.14	9.89
58065	35.44	8.10	0.25	366.65	2.82	-64.43	72.52	2342.39	5.96
58066	35.39	8.70	0.25	334.65	0.63	12.60	13.99	2654.49	8.50
58067	33.93	8.10	0.25	403.56	2.20	-60.45	73.14	2351.68	4.09
58068	33.86	8.70	0.25	353.37	0.77	4.08	14.28	2648.27	5.83
58069	32.42	8.10	0.25	445.00	1.26	-52.62	73.65	2365.73	0.58
58070	32.33	8.70	0.25	375.66	0.94	1.09	14.34	2640.41	1.10
58071	30.91	8.10	0.25	490.46	-0.25	-37.81	73.42	2384.95	-5.34
58072	30.79	8.70	0.25	402.84	1.07	8.49	13.50	2631.48	-6.66
58073	29.39	8.10	0.25	536.55	-2.56	-11.23	71.31	2409.95	-14.49
58074	29.26	8.70	0.25	436.41	0.97	34.12	10.63	2623.69	-18.43
58075	27.88	8.10	0.25	574.04	-6.45	34.64	65.71	2441.49	-27.51
58076	27.73	8.70	0.25	477.52	0.45	90.73	3.76	2621.51	-35.31
58077	26.37	8.10	0.25	583.48	-11.65	113.03	53.11	2479.25	-46.66
58078	26.20	8.70	0.25	523.85	-2.54	193.87	-8.13	2628.70	-58.17
58079	24.86	8.10	0.25	522.00	-15.71	251.46	37.96	2503.73	-74.00
58080	24.66	8.70	0.25	567.08	-0.10	375.94	-34.08	2646.56	-98.56
58081	23.34	8.10	0.25	352.82	-53.89	412.14	19.59	2418.12	-116.03
58082	23.13	8.70	0.25	493.53	-50.77	520.93	4.40	2573.54	-98.69
58083	55.11	8.10	-1.25	271.83	59.89	-654.21	-330.98	2081.52	203.03
58084	55.32	8.70	-1.25	-643.65	-134.21	-2200.45	-357.92	2350.01	387.34
58085	53.59	8.10	-1.25	-58.94	11.70	-381.11	-143.62	2189.75	127.75
58086	53.79	8.70	-1.25	-160.41	65.13	-1162.22	-129.52	2249.73	90.56
58087	52.08	8.10	-1.25	-124.97	1.20	-274.26	-75.20	2238.04	74.05
58088	52.25	8.70	-1.25	19.38	-1.85	-742.58	-71.19	2325.48	76.58
58089	50.57	8.10	-1.25	-122.48	-3.96	-212.79	-41.78	2285.64	56.41
58090	50.72	8.70	-1.25	116.24	1.79	-447.15	-28.81	2396.70	51.27
58091	49.06	8.10	-1.25	-84.42	-4.41	-165.91	-21.53	2318.22	40.57
58092	49.19	8.70	-1.25	160.82	-2.65	-258.33	-8.55	2463.16	38.06
58093	47.54	8.10	-1.25	-33.24	-4.28	-129.04	-11.26	2337.28	29.51
58094	47.66	8.70	-1.25	180.60	-2.71	-133.32	2.52	2516.70	27.33
58095	46.03	8.10	-1.25	20.96	-3.34	-99.80	-6.38	2345.54	21.76
58096	46.12	8.70	-1.25	189.69	-2.31	-54.14	7.52	2555.73	20.06
58097	44.52	8.10	-1.25	73.13	-2.46	-77.75	-4.63	2346.63	16.71
58098	44.59	8.70	-1.25	196.15	-1.58	-7.19	9.24	2581.26	15.29
58099	43.01	8.10	-1.25	121.46	-1.71	-62.29	-4.45	2343.77	13.59
58100	43.06	8.70	-1.25	203.82	-0.92	17.11	9.32	2595.92	12.36
58101	41.49	8.10	-1.25	165.90	-1.15	-52.62	-4.93	2339.32	11.72
58102	41.52	8.70	-1.25	214.15	-0.40	25.95	8.76	2602.64	10.64
58103	39.98	8.10	-1.25	207.49	-0.75	-47.67	-5.54	2334.91	10.58
58104	39.99	8.70	-1.25	227.30	-0.02	24.82	8.09	2603.98	9.61
58105	38.47	8.10	-1.25	247.79	-0.44	-46.32	-6.05	2331.51	9.73
58106	38.46	8.70	-1.25	242.95	0.27	18.05	7.57	2601.75	8.85
58107	36.96	8.10	-1.25	288.64	-0.14	-47.47	-6.41	2329.71	8.83
58108	36.93	8.70	-1.25	260.78	0.52	9.27	7.24	2596.94	8.06
58109	35.44	8.10	-1.25	331.91	0.18	-50.13	-6.76	2329.79	7.56
58110	35.39	8.70	-1.25	280.87	0.78	1.79	6.95	2589.87	6.90
58111	33.93	8.10	-1.25	379.24	0.56	-53.42	-7.43	2331.91	5.56
58112	33.86	8.70	-1.25	304.06	1.04	-1.02	6.36	2580.48	5.04
58113	32.42	8.10	-1.25	431.81	0.94	-56.50	-8.95	2336.22	2.41

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]
58114	32.33	8.70	-1.25	332.46	1.26	4.68	4.91	2568.88	2.09
58115	30.91	8.10	-1.25	489.93	1.30	-58.34	-12.10	2343.24	-2.26
58116	30.79	8.70	-1.25	370.06	1.19	23.59	1.71	2556.34	-2.29
58117	29.39	8.10	-1.25	552.48	0.91	-57.24	-17.96	2354.54	-8.72
58118	29.26	8.70	-1.25	423.52	0.61	62.18	-4.40	2546.60	-8.45
58119	27.88	8.10	-1.25	616.16	0.85	-48.67	-28.49	2374.08	-17.52
58120	27.73	8.70	-1.25	502.93	-1.92	129.28	-14.78	2547.40	-15.89
58121	26.37	8.10	-1.25	672.91	-3.12	-24.19	-42.15	2409.09	-25.57
58122	26.20	8.70	-1.25	623.86	-1.73	247.27	-35.76	2573.76	-28.01
58123	24.86	8.10	-1.25	716.42	-17.73	45.47	-81.39	2488.62	-51.71
58124	24.66	8.70	-1.25	793.41	-40.15	430.87	-42.35	2637.95	-21.16
58125	23.34	8.10	-1.25	619.47	70.88	297.88	-115.55	2587.92	-40.33
58126	23.13	8.70	-1.25	1171.16	145.26	961.50	-244.78	2835.93	-190.14
58127	17.58	8.10	1.75	546.28	22.70	-1515.91	-323.22	2572.74	362.52
58128	18.70	8.10	1.75	420.73	-96.92	-1168.82	-425.88	2562.54	92.37
58129	19.81	8.10	1.75	365.51	-8.62	-483.38	-425.63	2295.79	15.29
58130	20.92	8.10	1.75	373.60	56.37	94.62	-396.10	2186.62	-83.49
58131	22.03	8.10	1.75	387.21	85.07	436.36	-380.98	2290.02	-122.91
58132	17.29	8.70	1.75	1012.08	106.58	-1224.11	-256.56	2562.82	30.43
58133	18.42	8.70	1.75	622.62	-77.00	-733.44	-145.01	2586.78	62.89
58134	19.55	8.70	1.75	485.41	-12.49	-322.58	-184.52	2356.66	-15.17
58135	20.67	8.70	1.75	404.70	14.23	-46.04	-161.22	2226.64	-56.48
58136	21.80	8.70	1.75	374.70	32.27	105.74	-148.27	2254.34	-85.20
58137	17.96	8.10	0.25	288.25	-0.68	-1395.67	-43.75	2488.89	422.13
58138	18.99	8.10	0.25	356.78	15.97	-1085.59	46.77	2231.40	25.00
58139	20.01	8.10	0.25	306.82	-5.70	-549.25	61.30	2041.67	31.43
58140	21.04	8.10	0.25	267.98	-22.46	-23.96	65.44	1968.46	-87.00
58141	22.07	8.10	0.25	263.40	-58.67	370.87	39.81	2140.26	-144.61
58142	17.67	8.70	0.25	736.43	93.20	-1389.44	-116.33	2548.59	77.88
58143	18.71	8.70	0.25	396.92	0.62	-979.68	64.45	2610.35	86.89
58144	19.76	8.70	0.25	355.62	7.33	-437.82	69.75	2502.23	11.02
58145	20.80	8.70	0.25	394.62	-18.04	95.72	83.04	2419.51	-61.20
58146	21.84	8.70	0.25	440.05	-83.43	452.37	52.10	2452.52	-86.77
58147	18.33	8.10	-1.25	-71.07	-300.56	-1314.04	-151.79	2380.07	428.30
58148	19.28	8.10	-1.25	151.08	-57.50	-877.15	65.04	2219.14	7.25
58149	20.22	8.10	-1.25	240.64	5.64	-525.58	110.75	2108.69	10.26
58150	21.17	8.10	-1.25	276.28	138.66	-146.06	141.56	2038.49	-64.31
58151	22.12	8.10	-1.25	370.35	238.11	290.57	81.27	2173.23	-110.38
58152	18.05	8.70	-1.25	63.71	-364.91	-1841.34	-478.35	2585.45	409.67
58153	19.01	8.70	-1.25	30.16	-181.95	-1297.27	-287.84	2636.77	249.01
58154	19.97	8.70	-1.25	217.77	-17.65	-544.83	-212.34	2515.87	73.12
58155	20.93	8.70	-1.25	443.00	158.01	241.68	-178.43	2464.22	-80.36
58156	21.88	8.70	-1.25	794.39	390.28	1008.38	-199.10	2563.48	-338.40
58157	55.10	8.10	-2.70	527.82	107.36	-563.35	-362.01	1925.56	-423.99
58158	55.32	8.70	-2.70	-629.98	-141.75	-1815.20	-346.77	2455.67	-119.08
58159	53.59	8.10	-2.70	100.95	29.12	-338.88	-138.03	1959.01	6.13
58160	53.79	8.70	-2.70	-120.45	81.85	-1357.42	-140.76	2419.11	-70.94
58161	52.08	8.10	-2.70	-37.78	7.89	-250.42	-70.40	2066.50	5.78
58162	52.25	8.70	-2.70	41.10	-6.20	-916.07	-87.48	2433.83	20.93
58163	50.57	8.10	-2.70	-89.03	2.09	-192.13	-35.63	2154.36	18.99
58164	50.72	8.70	-2.70	120.63	1.22	-609.01	-40.03	2464.97	16.76
58165	49.06	8.10	-2.70	-88.79	-0.71	-144.99	-12.82	2216.97	19.01
58166	49.19	8.70	-2.70	147.29	-4.18	-387.53	-18.26	2503.52	20.22
58167	47.54	8.10	-2.70	-63.29	-1.97	-105.92	-0.46	2258.45	18.18
58168	47.66	8.70	-2.70	151.90	-4.12	-230.42	-4.70	2534.22	18.49
58169	46.03	8.10	-2.70	-24.48	-1.81	-74.52	6.23	2282.73	16.32
58170	46.12	8.70	-2.70	149.06	-3.58	-123.72	2.25	2555.49	16.66
58171	44.52	8.10	-2.70	19.88	-1.37	-51.05	9.23	2294.97	14.58
58172	44.59	8.70	-2.70	147.06	-2.60	-56.02	5.36	2567.92	14.79
58173	43.01	8.10	-2.70	65.35	-0.83	-35.07	10.14	2299.48	13.07
58174	43.06	8.70	-2.70	149.33	-1.69	-17.41	6.28	2573.55	13.23
58175	41.49	8.10	-2.70	109.78	-0.39	-25.65	10.04	2299.43	11.82
58176	41.52	8.70	-2.70	156.60	-0.95	0.73	6.16	2574.46	11.94
58177	39.98	8.10	-2.70	152.77	-0.06	-21.59	9.60	2296.83	10.75
58178	39.99	8.70	-2.70	168.20	-0.40	5.54	5.68	2572.28	10.84
58179	38.47	8.10	-2.70	194.99	0.19	-21.63	9.13	2292.83	9.77
58180	38.46	8.70	-2.70	183.02	0.03	2.92	5.20	2568.03	9.84
58181	36.96	8.10	-2.70	237.74	0.40	-24.63	8.72	2287.92	8.82
58182	36.93	8.70	-2.70	200.07	0.41	-2.14	4.79	2562.11	8.87
58183	35.44	8.10	-2.70	282.48	0.62	-29.66	8.21	2282.09	7.83
58184	35.39	8.70	-2.70	218.92	0.81	-5.19	4.28	2554.40	7.84
58185	33.93	8.10	-2.70	330.52	0.82	-36.15	7.20	2274.97	6.71
58186	33.86	8.70	-2.70	240.24	1.22	-1.99	3.24	2544.37	6.68
58187	32.42	8.10	-2.70	382.74	0.87	-43.98	5.06	2265.90	5.42
58188	32.33	8.70	-2.70	266.49	1.56	11.54	1.02	2531.37	5.30
58189	30.91	8.10	-2.70	439.59	0.75	-53.40	0.96	2254.25	3.87
58190	30.79	8.70	-2.70	303.14	1.50	39.17	-3.32	2515.18	3.79
58191	29.39	8.10	-2.70	501.24	-0.79	-64.90	-6.01	2239.87	2.59
58192	29.26	8.70	-2.70	360.00	0.75	84.43	-10.90	2497.24	1.68
58193	27.88	8.10	-2.70	568.23	-1.75	-76.91	-18.41	2224.62	0.37
58194	27.73	8.70	-2.70	452.77	-2.50	151.55	-22.05	2480.75	2.71
58195	26.37	8.10	-2.70	638.30	-6.55	-84.28	-29.72	2209.88	7.09
58196	26.20	8.70	-2.70	608.29	-0.05	251.55	-49.06	2476.42	-7.62
58197	24.86	8.10	-2.70	732.00	-43.89	-66.62	-81.16	2197.61	-22.45
58198	24.66	8.70	-2.70	833.20	-66.60	414.23	-26.02	2482.77	42.81
58199	23.35	8.10	-2.70	695.99	165.98	143.04	-98.37	2225.42	289.32
58200	23.13	8.70	-2.70	1448.09	276.63	713.30	-363.01	2460.32	10.79
58201	55.10	8.10	-4.10	589.66	69.05	-717.61	-115.34	2130.38	-501.65
58202	55.32	8.70	-4.10	-39.26	24.10	-1259.33	5.99	2476.07	-98.20
58203	53.59	8.10	-4.10	325.79	24.85	-528.91	-86.92	1967.38	-67.29
58204	53.79	8.70	-4.10	41.39	39.84	-1142.70	-97.81	2564.47	-162.27
58205	52.08	8.10	-4.10	123.43	4.95	-374.92	-64.96	2009.58	-51.99
58206	52.25	8.70	-4.10	123.99	8.14	-901.06	-66.07	2562.50	-38.80
58207	50.57	8.10	-4.10	13.09	1.77	-265.20	-37.10	2092.35	-12.79
58208	50.72	8.70	-4.10	155.81	2.27	-649.82	-34.91	2566.42	-17.56
58209	49.06	8.10	-4.10	-35.66	-1.73	-180.21	-18.48	2160.68	0.02
58210	49.19	8.70	-4.10	150.57	-1.91	-440.65	-15.65	2573.91	0.27
58211	47.54	8.10	-4.10	-45.28	-2.51	-113.80	-7.04	2208.26	7.63
58212	47.66	8.70	-4.10	133.07	-2.94	-279.36	-3.51	2575.47	7.37

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]
58213	46.03	8.10	-4.10	-30.30	-2.34	-64.67	-0.60	2237.83	11.18
58214	46.12	8.70	-4.10	116.00	-2.68	-164.71	3.15	2571.80	11.26
58215	44.52	8.10	-4.10	-1.63	-1.76	-30.74	2.43	2254.55	12.66
58216	44.59	8.70	-4.10	105.06	-1.94	-89.59	6.24	2565.11	12.76
58217	43.01	8.10	-4.10	33.34	-1.14	-9.31	3.45	2262.65	12.84
58218	43.06	8.70	-4.10	101.69	-1.15	-45.02	7.23	2557.45	12.96
58219	41.49	8.10	-4.10	70.30	-0.63	2.42	3.45	2265.03	12.28
58220	41.52	8.70	-4.10	105.06	-0.50	-22.23	7.18	2549.93	12.38
58221	39.98	8.10	-4.10	107.35	-0.24	7.05	3.09	2263.48	11.33
58222	39.99	8.70	-4.10	113.49	-0.02	-13.60	6.77	2542.98	11.40
58223	38.47	8.10	-4.10	144.14	0.06	6.87	2.70	2258.88	10.24
58224	38.46	8.70	-4.10	125.12	0.35	-12.77	6.37	2536.54	10.29
58225	36.96	8.10	-4.10	181.22	0.33	3.81	2.38	2251.45	9.24
58226	36.93	8.70	-4.10	138.37	0.68	-14.37	6.06	2530.26	9.25
58227	35.44	8.10	-4.10	219.35	0.61	-0.53	1.98	2240.86	8.51
58228	35.39	8.70	-4.10	152.18	1.04	-13.59	5.67	2523.54	8.51
58229	33.93	8.10	-4.10	259.04	0.91	-4.90	1.11	2226.24	8.27
58230	33.86	8.70	-4.10	166.41	1.42	-5.85	4.81	2515.34	8.28
58231	32.42	8.10	-4.10	300.18	1.12	-8.58	-0.82	2206.17	8.78
58232	32.33	8.70	-4.10	182.46	1.72	13.10	2.82	2503.99	8.78
58233	30.91	8.10	-4.10	341.91	1.10	-11.53	-4.65	2178.76	10.20
58234	30.79	8.70	-4.10	204.50	1.67	46.61	-1.20	2487.00	10.46
58235	29.39	8.10	-4.10	382.93	0.07	-14.60	-11.22	2141.99	13.33
58236	29.26	8.70	-4.10	241.02	0.68	96.06	-8.26	2461.72	12.83
58237	27.88	8.10	-4.10	421.90	-1.50	-18.03	-22.15	2095.90	16.61
58238	27.73	8.70	-4.10	306.03	-1.85	160.36	-18.57	2426.18	20.64
58239	26.37	8.10	-4.10	453.32	-2.64	-16.24	-33.00	2043.61	34.59
58240	26.20	8.70	-4.10	420.05	-2.77	240.94	-39.82	2387.58	18.64
58241	24.86	8.10	-4.10	471.43	-36.05	13.46	-64.07	2009.04	2.12
58242	24.66	8.70	-4.10	574.18	-44.03	334.11	-27.70	2355.64	86.93
58243	23.35	8.10	-4.10	380.32	115.14	117.87	-62.62	2122.88	416.30
58244	23.13	8.70	-4.10	874.65	162.29	419.67	-163.33	2223.97	62.67
58245	55.10	8.10	-5.50	453.40	61.51	-810.00	12.51	2253.93	-404.28
58246	55.32	8.70	-5.50	354.16	63.07	-907.56	81.02	2472.33	-6.83
58247	53.59	8.10	-5.50	392.50	3.78	-718.99	2.81	2104.95	-58.26
58248	53.79	8.70	-5.50	266.12	5.95	-898.28	-24.21	2618.33	-142.98
58249	52.08	8.10	-5.50	244.59	5.93	-546.58	-13.40	2089.11	-75.45
58250	52.25	8.70	-5.50	237.74	10.28	-780.99	-26.43	2666.43	-59.42
58251	50.57	8.10	-5.50	114.03	1.74	-377.98	-5.21	2131.60	-35.12
58252	50.72	8.70	-5.50	195.22	2.95	-603.23	-21.33	2671.69	-39.83
58253	49.06	8.10	-5.50	30.40	-0.96	-237.43	4.08	2173.28	-14.49
58254	49.19	8.70	-5.50	148.72	-1.18	-424.23	-10.75	2654.80	-14.88
58255	47.54	8.10	-5.50	-7.74	-1.26	-131.58	10.71	2203.04	-0.35
58256	47.66	8.70	-5.50	108.71	-2.48	-278.23	-3.16	2625.02	-1.65
58257	46.03	8.10	-5.50	-14.37	-0.94	-57.89	14.25	2222.00	7.76
58258	46.12	8.70	-5.50	80.29	-2.46	-173.06	0.93	2593.99	6.57
58259	44.52	8.10	-5.50	-2.47	-0.38	-10.18	15.60	2233.27	11.97
58260	44.59	8.70	-5.50	63.67	-1.94	-103.98	2.57	2566.99	10.73
58261	43.01	8.10	-5.50	18.66	0.11	18.01	15.71	2239.14	13.51
58262	43.06	8.70	-5.50	56.76	-1.33	-62.64	2.81	2545.85	12.30
58263	41.49	8.10	-5.50	43.43	0.46	32.42	15.30	2240.91	13.41
58264	41.52	8.70	-5.50	56.88	-0.81	-40.71	2.44	2530.30	12.26
58265	39.98	8.10	-5.50	69.05	0.67	37.71	14.81	2239.19	12.40
58266	39.99	8.70	-5.50	61.47	-0.41	-31.17	1.97	2519.18	11.34
58267	38.47	8.10	-5.50	94.53	0.81	37.60	14.49	2234.12	11.05
58268	38.46	8.70	-5.50	68.34	-0.09	-28.32	1.66	2511.24	10.09
58269	36.96	8.10	-5.50	119.80	0.93	35.18	14.39	2225.51	9.83
58270	36.93	8.70	-5.50	75.67	0.21	-27.42	1.58	2505.43	8.96
58271	35.44	8.10	-5.50	145.00	1.10	33.20	14.41	2212.84	9.16
58272	35.39	8.70	-5.50	81.96	0.55	-24.13	1.63	2500.89	8.37
58273	33.93	8.10	-5.50	169.81	1.35	34.25	14.28	2195.19	9.52
58274	33.86	8.70	-5.50	86.00	0.93	-14.09	1.51	2496.60	8.80
58275	32.42	8.10	-5.50	192.88	1.65	40.76	13.54	2171.04	11.51
58276	32.33	8.70	-5.50	87.11	1.29	7.19	0.72	2490.66	10.78
58277	30.91	8.10	-5.50	211.40	1.89	54.54	11.48	2138.15	15.64
58278	30.79	8.70	-5.50	85.81	1.41	43.66	-1.49	2479.26	15.05
58279	29.39	8.10	-5.50	221.25	1.57	75.59	7.25	2093.68	22.83
58280	29.26	8.70	-5.50	85.39	0.68	96.45	-6.10	2456.13	21.23
58281	27.88	8.10	-5.50	218.27	0.38	100.49	-0.29	2037.06	31.14
58282	27.73	8.70	-5.50	94.48	-1.51	159.35	-13.35	2412.70	33.52
58283	26.37	8.10	-5.50	201.33	-0.27	121.69	-6.98	1976.86	52.75
58284	26.20	8.70	-5.50	128.44	-4.43	213.92	-24.92	2352.13	33.83
58285	24.86	8.10	-5.50	183.31	-21.52	125.97	-19.77	1959.50	12.22
58286	24.66	8.70	-5.50	187.59	-24.38	224.57	-11.56	2292.45	92.47
58287	23.35	8.10	-5.50	144.24	75.27	103.55	-15.37	2102.20	423.56
58288	23.13	8.70	-5.50	326.70	83.29	185.79	-75.13	2111.19	64.07
58289	55.10	8.10	-6.90	336.21	76.78	-910.21	10.59	2256.99	-321.42
58290	55.32	8.70	-6.90	704.49	117.21	-778.78	123.21	2508.02	46.59
58291	53.59	8.10	-6.90	407.29	-17.83	-896.52	-35.48	2218.27	-28.45
58292	53.79	8.70	-6.90	490.08	-32.37	-778.80	4.15	2701.09	-126.99
58293	52.08	8.10	-6.90	286.82	5.26	-710.03	-61.61	2232.78	-61.09
58294	52.25	8.70	-6.90	346.46	0.12	-666.80	10.00	2799.51	-59.80
58295	50.57	8.10	-6.90	156.62	-1.92	-475.99	-61.89	2233.94	-37.70
58296	50.72	8.70	-6.90	214.13	-3.56	-500.11	0.45	2800.01	-48.59
58297	49.06	8.10	-6.90	68.99	-4.75	-277.54	-60.46	2223.95	-19.93
58298	49.19	8.70	-6.90	127.37	-3.13	-345.58	0.76	2751.49	-21.87
58299	47.54	8.10	-6.90	23.62	-6.11	-134.22	-58.32	2215.61	-4.87
58300	47.66	8.70	-6.90	73.52	-2.65	-229.94	0.92	2689.92	-3.82
58301	46.03	8.10	-6.90	7.27	-6.64	-39.24	-57.45	2210.21	4.41
58302	46.12	8.70	-6.90	42.15	-2.02	-151.25	0.41	2635.01	7.90
58303	44.52	8.10	-6.90	7.34	-6.46	18.79	-57.61	2207.46	9.38
58304	44.59	8.70	-6.90	25.32	-1.39	-101.50	-0.66	2592.76	13.97
58305	43.01	8.10	-6.90	15.14	-5.94	50.83	-58.28	2206.07	11.29
58306	43.06	8.70	-6.90	17.40	-0.88	-72.08	-1.90	2563.02	16.23
58307	41.49	8.10	-6.90	25.66	-5.25	65.67	-59.02	2204.58	11.26
58308	41.52	8.70	-6.90	14.56	-0.50	-55.94	-2.97	2543.26	16.09
58309	39.98	8.10	-6.90	36.44	-4.51	69.94	-59.53	2201.75	10.18
58310	39.99	8.70	-6.90	14.17	-0.24	-47.86	-3.67	2530.57	14.62
58311	38.47	8.10	-6.90	46.60	-3.76	68.72	-59.67	2196.68	8.69

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]
58312	38.46	8.70	-6.90	14.37	-0.03	-44.03	-3.90	2522.61	12.66
58313	36.96	8.10	-6.90	55.97	-3.03	66.11	-59.38	2188.70	7.31
58314	36.93	8.70	-6.90	13.66	0.19	-41.37	-3.66	2517.89	10.84
58315	35.44	8.10	-6.90	64.43	-2.37	65.98	-58.69	2177.38	6.57
58316	35.39	8.70	-6.90	10.56	0.46	-36.99	-2.97	2515.68	9.81
58317	33.93	8.10	-6.90	71.34	-1.80	72.39	-57.73	2162.31	7.01
58318	33.86	8.70	-6.90	3.31	0.86	-27.53	-1.96	2515.64	10.26
58319	32.42	8.10	-6.90	74.75	-1.43	89.99	-56.71	2142.91	9.36
58320	32.33	8.70	-6.90	-10.59	1.41	-8.76	-0.83	2517.04	13.07
58321	30.91	8.10	-6.90	70.75	-1.42	123.62	-56.01	2118.01	14.35
58322	30.79	8.70	-6.90	-34.65	2.13	24.34	0.00	2517.17	19.45
58323	29.39	8.10	-6.90	53.06	-2.16	176.34	-56.15	2085.04	23.14
58324	29.26	8.70	-6.90	-73.09	2.70	75.72	-0.06	2508.96	29.64
58325	27.88	8.10	-6.90	14.79	-4.31	243.39	-57.71	2040.48	33.03
58326	27.73	8.70	-6.90	-128.00	3.14	142.03	-1.96	2476.64	46.84
58327	26.37	8.10	-6.90	-42.27	-8.46	297.80	-58.87	1980.27	51.20
58328	26.20	8.70	-6.90	-189.81	-0.22	193.41	-6.53	2402.94	49.68
58329	24.86	8.10	-6.90	-78.59	-23.97	268.22	-59.40	1924.34	3.68
58330	24.66	8.70	-6.90	-220.55	-1.60	161.09	-2.00	2286.09	100.84
58331	23.35	8.10	-6.90	-15.99	39.56	102.91	-25.41	2011.74	383.88
58332	23.13	8.70	-6.90	-177.74	22.33	26.49	-16.18	2042.59	57.85
58333	55.10	8.10	-8.30	516.43	132.27	-1141.78	393.33	2294.20	-196.77
58334	55.32	8.70	-8.30	1090.48	214.19	-883.49	320.85	2500.02	164.03
58335	53.59	8.10	-8.30	447.29	-63.49	-1170.65	426.62	2615.59	-93.42
58336	53.79	8.70	-8.30	613.32	-58.80	-798.19	122.03	2724.30	-44.31
58337	52.08	8.10	-8.30	221.91	-44.44	-828.93	446.25	2657.44	-95.34
58338	52.25	8.70	-8.30	347.68	-16.55	-544.31	167.11	2784.41	-16.72
58339	50.57	8.10	-8.30	114.49	-18.96	-500.00	441.27	2582.14	-51.61
58340	50.72	8.70	-8.30	182.04	-11.18	-342.70	159.92	2706.34	-19.35
58341	49.06	8.10	-8.30	61.60	0.48	-258.50	421.51	2502.26	-20.57
58342	49.19	8.70	-8.30	92.87	-1.86	-224.37	151.24	2613.72	-7.24
58343	47.54	8.10	-8.30	39.29	14.74	-93.79	403.30	2441.56	2.39
58344	47.66	8.70	-8.30	45.50	3.23	-156.61	141.78	2533.03	0.61
58345	46.03	8.10	-8.30	31.24	23.06	8.51	388.94	2402.09	16.12
58346	46.12	8.70	-8.30	19.58	6.29	-118.58	134.04	2472.56	5.71
58347	44.52	8.10	-8.30	28.19	27.01	66.54	378.84	2379.07	22.84
58348	44.59	8.70	-8.30	4.13	7.74	-96.89	128.24	2431.10	7.83
58349	43.01	8.10	-8.30	25.48	27.78	95.16	372.27	2366.55	24.74
58350	43.06	8.70	-8.30	-6.57	8.12	-83.67	124.24	2404.51	7.93
58351	41.49	8.10	-8.30	21.23	26.55	105.38	368.32	2359.64	23.69
58352	41.52	8.70	-8.30	-15.54	7.83	-74.68	121.73	2388.22	6.83
58353	39.98	8.10	-8.30	15.01	24.20	105.05	366.21	2354.91	21.09
58354	39.99	8.70	-8.30	-24.47	7.18	-67.83	120.40	2378.46	5.13
58355	38.47	8.10	-8.30	7.03	21.44	99.88	365.40	2350.20	17.91
58356	38.46	8.70	-8.30	-34.47	6.41	-62.09	120.02	2372.64	3.25
58357	36.96	8.10	-8.30	-2.33	18.83	94.47	365.59	2344.40	14.95
58358	36.93	8.70	-8.30	-46.48	5.70	-56.83	120.46	2369.34	1.52
58359	35.44	8.10	-8.30	-12.73	16.93	93.24	366.74	2337.25	12.94
58360	35.39	8.70	-8.30	-61.55	5.25	-51.31	121.70	2368.22	0.22
58361	33.93	8.10	-8.30	-24.22	16.36	101.24	368.96	2329.22	12.76
58362	33.86	8.70	-8.30	-81.25	5.28	-44.15	123.81	2369.86	-0.25
58363	32.42	8.10	-8.30	-37.76	17.89	124.98	372.40	2321.39	15.64
58364	32.33	8.70	-8.30	-108.20	6.09	-32.62	126.84	2375.37	0.66
58365	30.91	8.10	-8.30	-56.13	22.49	172.80	376.95	2314.92	23.13
58366	30.79	8.70	-8.30	-147.02	8.13	-11.83	130.64	2385.45	3.81
58367	29.39	8.10	-8.30	-85.43	31.41	253.89	381.55	2309.16	37.48
58368	29.26	8.70	-8.30	-205.80	11.64	25.63	134.60	2398.22	9.62
58369	27.88	8.10	-8.30	-136.77	44.79	372.15	382.74	2297.34	59.16
58370	27.73	8.70	-8.30	-297.41	18.22	88.30	136.63	2402.69	21.66
58371	26.37	8.10	-8.30	-224.79	65.52	510.79	369.96	2253.95	95.64
58372	26.20	8.70	-8.30	-435.45	22.80	171.87	131.25	2367.96	26.25
58373	24.86	8.10	-8.30	-355.56	69.67	571.26	319.69	2117.48	86.67
58374	24.66	8.70	-8.30	-587.11	35.28	195.24	96.33	2221.10	59.84
58375	23.35	8.10	-8.30	-354.42	18.61	242.43	236.34	1885.65	296.83
58376	23.13	8.70	-8.30	-705.04	-56.26	12.21	135.39	1895.62	-2.27
58377	16.72	-8.70	4.00	-527.80	-22.15	221.41	-424.36	-498.87	66.02
58378	17.97	-8.70	4.00	-60.13	43.69	42.01	-255.22	-311.15	35.05
58379	19.23	-8.70	4.00	395.92	36.05	48.56	-273.59	-308.05	51.30
58380	20.48	-8.70	4.00	824.22	47.59	41.81	-289.39	-363.69	64.92
58381	21.73	-8.70	4.00	1100.46	46.66	35.38	-310.93	-469.12	77.42
58382	17.02	-8.10	4.00	-100.55	42.87	219.45	-749.76	-337.92	141.63
58383	18.26	-8.10	4.00	85.10	78.58	-23.90	-704.91	-181.54	55.76
58384	19.49	-8.10	4.00	503.60	121.72	-19.62	-722.34	-195.84	71.64
58385	20.73	-8.10	4.00	876.74	142.40	-51.15	-773.43	-244.24	79.98
58386	21.97	-8.10	4.00	1111.76	145.08	-61.81	-830.26	-331.31	88.23
58387	16.98	-8.70	3.00	-678.04	-113.49	281.18	-295.36	-871.29	-10.88
58388	18.17	-8.70	3.00	-72.07	34.04	206.42	-190.56	-840.70	66.83
58389	19.37	-8.70	3.00	297.75	-11.42	154.74	-220.51	-876.68	86.29
58390	20.57	-8.70	3.00	623.15	-9.07	145.16	-225.55	-1030.88	118.14
58391	21.76	-8.70	3.00	842.94	-10.75	129.17	-240.21	-1262.67	136.16
58392	17.27	-8.10	3.00	-304.62	-110.52	180.87	-530.59	-634.15	53.85
58393	18.45	-8.10	3.00	20.88	-36.66	-36.25	-606.56	-656.63	76.61
58394	19.63	-8.10	3.00	323.11	-73.87	-169.96	-646.19	-700.89	73.92
58395	20.81	-8.10	3.00	578.70	-84.51	-273.37	-703.64	-851.69	84.86
58396	21.99	-8.10	3.00	760.97	-85.29	-308.07	-771.24	-1064.06	91.27
58397	17.39	-7.27	4.00	172.74	178.27	182.73	-1022.12	-232.76	145.76
58398	18.60	-7.26	4.00	257.91	135.68	-51.91	-1081.89	-87.67	3.95
58399	19.81	-7.26	4.00	589.54	162.69	-35.27	-1136.15	-94.84	-9.34
58400	21.02	-7.26	4.00	893.95	172.95	-62.18	-1213.04	-127.73	-27.77
58401	22.23	-7.25	4.00	1078.83	171.35	-69.28	-1300.73	-188.56	-27.83
58402	17.80	-6.19	4.00	330.27	260.04	135.97	-1249.05	-145.59	88.51
58403	18.98	-6.18	4.00	399.76	134.83	-38.16	-1370.26	-20.77	-64.27
58404	20.15	-6.17	4.00	647.94	107.32	-7.00	-1449.60	-14.03	-67.23
58405	21.33	-6.16	4.00	876.37	90.92	-16.64	-1524.76	-28.01	-87.04
58406	22.51	-6.15	4.00	1009.21	86.81	-19.39	-1606.24	-56.98	-85.55
58407	18.15	-5.08	4.00	365.10	263.16	104.69	-1390.93	-85.70	47.60
58408	19.31	-5.08	4.00	474.48	107.98	-2.66	-1519.22	17.69	-94.14
58409	20.46	-5.07	4.00	684.40	51.20	15.02	-1590.63	26.21	-64.84
58410	21.62	-5.06	4.00	862.03	27.49	11.71	-1634.61	14.00	-70.59

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]
58411	22.78	-5.05	4.00	956.11	26.94	10.03	-1680.40	-3.18	-68.55
58412	18.43	-3.96	4.00	347.06	204.91	60.14	-1499.73	-38.67	59.42
58413	19.59	-3.96	4.00	514.92	39.73	34.62	-1603.98	29.49	-56.69
58414	20.74	-3.96	4.00	716.01	-17.17	33.43	-1658.52	29.86	-9.71
58415	21.89	-3.95	4.00	860.02	-39.58	31.17	-1682.51	3.52	-8.55
58416	23.05	-3.95	4.00	926.63	-37.86	31.63	-1710.38	-19.94	-7.53
58417	17.63	-7.27	3.00	-170.20	-101.64	71.45	-895.74	-330.27	-16.13
58418	18.79	-7.26	3.00	118.42	-176.84	-84.14	-1120.63	-290.48	-39.14
58419	19.94	-7.26	3.00	335.80	-225.32	-158.14	-1200.01	-302.14	-124.66
58420	21.10	-7.26	3.00	521.10	-251.50	-220.43	-1297.95	-379.68	-165.89
58421	22.25	-7.25	3.00	664.26	-242.52	-234.76	-1413.29	-488.42	-170.55
58422	18.04	-6.19	3.00	-51.78	-3.00	53.29	-989.09	-85.63	-112.41
58423	19.16	-6.18	3.00	242.65	-93.75	-0.44	-1119.22	-8.95	-20.83
58424	20.29	-6.17	3.00	402.16	-97.80	12.48	-1172.04	12.18	-55.82
58425	21.41	-6.16	3.00	533.69	-83.64	17.40	-1209.36	-0.19	-58.79
58426	22.53	-6.15	3.00	637.63	-64.40	18.69	-1241.67	-19.98	-56.16
58427	18.38	-5.08	3.00	101.63	82.21	41.88	-1135.25	-36.18	-173.01
58428	19.49	-5.08	3.00	321.40	7.70	-9.22	-1213.58	-7.15	-36.27
58429	20.59	-5.07	3.00	456.31	9.20	-8.98	-1253.65	12.89	-59.23
58430	21.70	-5.06	3.00	554.06	23.92	-12.73	-1261.20	1.50	-53.51
58431	22.81	-5.05	3.00	632.75	43.25	-14.22	-1261.10	-12.39	-53.08
58432	18.66	-3.96	3.00	190.87	171.84	106.28	-1277.59	90.11	-242.45
58433	19.77	-3.96	3.00	429.17	151.58	144.13	-1374.68	142.20	-110.85
58434	20.87	-3.96	3.00	553.33	84.91	119.00	-1363.28	118.43	-91.38
58435	21.97	-3.95	3.00	633.85	100.96	127.49	-1329.26	68.53	-86.62
58436	23.07	-3.95	3.00	697.91	121.67	135.40	-1295.12	25.82	-93.58
58437	18.61	-3.10	4.00	318.71	173.86	-2.44	-1594.25	13.08	82.41
58438	19.76	-3.10	4.00	542.49	37.97	21.18	-1669.42	28.47	16.20
58439	20.91	-3.10	4.00	734.57	-7.30	13.75	-1713.77	15.84	75.31
58440	22.07	-3.10	4.00	859.09	-18.74	13.55	-1742.22	-19.40	79.53
58441	23.22	-3.10	4.00	911.92	-15.88	14.58	-1776.76	-51.30	81.15
58442	18.70	-2.50	4.00	289.07	173.64	-62.80	-1642.16	70.50	63.71
58443	19.85	-2.50	4.00	560.40	107.33	-36.41	-1716.19	31.83	-0.32
58444	20.99	-2.50	4.00	734.90	81.97	-47.67	-1764.48	4.49	67.07
58445	22.14	-2.50	4.00	849.68	85.99	-46.41	-1804.54	-29.16	72.27
58446	23.29	-2.50	4.00	897.43	90.99	-47.46	-1853.59	-64.11	75.07
58447	18.84	-3.10	3.00	241.36	103.37	36.79	-1100.30	161.93	-127.57
58448	19.94	-3.10	3.00	467.46	57.42	102.87	-1118.30	179.47	81.88
58449	21.04	-3.10	3.00	579.00	1.38	78.42	-1099.51	103.13	132.66
58450	22.14	-3.10	3.00	655.48	11.37	89.60	-1101.42	8.94	147.94
58451	23.24	-3.10	3.00	711.45	20.75	100.12	-1094.81	-82.06	147.27
58452	18.93	-2.50	3.00	346.05	37.07	-209.37	-1131.11	74.23	-175.71
58453	20.02	-2.50	3.00	420.42	-57.11	-242.78	-1130.08	-59.58	52.25
58454	21.12	-2.50	3.00	509.24	-55.73	-231.57	-1147.39	-135.70	106.22
58455	22.22	-2.50	3.00	588.62	-50.36	-238.19	-1200.12	-227.12	121.79
58456	23.32	-2.50	3.00	645.26	-47.53	-236.24	-1242.81	-332.30	123.78
58457	18.79	-1.65	4.00	213.48	80.03	-106.94	-1688.41	115.28	11.01
58458	19.92	-1.65	4.00	541.63	77.21	-25.97	-1779.11	34.15	-103.86
58459	21.06	-1.65	4.00	706.46	87.01	-55.42	-1843.98	-1.53	-31.60
58460	22.19	-1.65	4.00	808.91	109.28	-51.36	-1896.49	-33.34	-28.42
58461	23.33	-1.65	4.00	849.55	115.96	-53.43	-1962.57	-61.02	-26.41
58462	18.85	-0.55	4.00	75.70	-84.97	-146.39	-1784.01	163.57	18.15
58463	19.97	-0.55	4.00	471.47	-46.92	40.49	-1868.85	48.51	-129.61
58464	21.09	-0.55	4.00	647.25	-0.52	-18.98	-1943.24	13.15	-72.70
58465	22.21	-0.55	4.00	737.70	33.39	-13.41	-2001.80	-19.57	-79.79
58466	23.34	-0.55	4.00	767.82	43.79	-15.76	-2070.89	-33.28	-80.45
58467	18.85	0.55	4.00	-98.78	-185.86	-217.46	-1859.49	259.63	100.84
58468	19.97	0.55	4.00	394.59	-85.30	83.74	-1914.57	89.80	-61.23
58469	21.09	0.55	4.00	593.88	-47.16	0.74	-1979.31	56.48	-37.82
58470	22.21	0.55	4.00	677.73	-21.71	11.34	-2026.92	19.20	-64.88
58471	23.34	0.55	4.00	694.17	-14.31	11.06	-2083.05	14.02	-74.52
58472	18.79	1.65	4.00	-268.01	-209.85	-355.90	-1846.63	393.22	185.96
58473	19.92	1.65	4.00	338.76	-52.48	77.05	-1856.92	122.74	19.41
58474	21.06	1.65	4.00	560.35	-63.25	3.35	-1902.82	96.80	24.43
58475	22.19	1.65	4.00	635.08	-74.87	28.53	-1936.81	53.33	-8.22
58476	23.33	1.65	4.00	636.14	-85.26	37.14	-1980.87	49.93	-20.23
58477	19.01	-1.65	3.00	443.07	-24.29	-163.24	-1456.30	110.37	-365.40
58478	20.10	-1.65	3.00	383.72	-180.39	-188.27	-1492.97	-58.87	-181.01
58479	21.18	-1.65	3.00	432.82	-146.20	-188.75	-1553.43	-119.38	-143.03
58480	22.27	-1.65	3.00	506.64	-149.85	-192.80	-1643.26	-167.08	-134.28
58481	23.36	-1.65	3.00	569.48	-152.35	-193.06	-1728.63	-225.04	-135.60
58482	19.07	-0.55	3.00	512.17	66.93	-28.90	-1522.76	212.96	-265.10
58483	20.14	-0.55	3.00	383.90	28.03	52.57	-1502.53	80.94	-44.48
58484	21.22	-0.55	3.00	401.68	14.29	9.50	-1565.61	18.39	-60.84
58485	22.29	-0.55	3.00	472.10	6.24	16.23	-1621.70	1.54	-52.82
58486	23.36	-0.55	3.00	540.68	-3.46	17.56	-1661.94	-9.84	-56.15
58487	19.07	0.55	3.00	515.69	84.58	-85.42	-1557.31	250.53	-203.76
58488	20.14	0.55	3.00	316.27	150.32	49.49	-1579.73	86.87	-6.85
58489	21.22	0.55	3.00	368.15	131.80	-10.02	-1641.00	15.04	-45.70
58490	22.29	0.55	3.00	442.85	117.53	-11.88	-1672.67	-4.51	-50.10
58491	23.36	0.55	3.00	511.80	108.46	-13.63	-1689.37	-11.64	-57.66
58492	19.01	1.65	3.00	319.03	77.25	-227.71	-1671.47	538.97	-84.04
58493	20.10	1.65	3.00	278.03	211.77	57.85	-1843.98	420.72	24.52
58494	21.18	1.65	3.00	391.78	185.30	60.86	-1840.18	304.77	-45.75
58495	22.27	1.65	3.00	472.15	203.55	114.64	-1826.83	257.93	-86.42
58496	23.36	1.65	3.00	535.47	214.98	149.48	-1822.79	246.70	-115.78
58497	18.61	3.10	4.00	-411.25	-214.52	-535.76	-1717.35	552.86	91.10
58498	18.70	2.50	4.00	-366.54	-183.03	-485.70	-1789.64	498.72	164.82
58499	19.76	3.10	4.00	326.05	66.80	-10.06	-1699.31	138.92	-47.77
58500	19.85	2.50	4.00	320.84	32.38	28.78	-1773.64	133.01	28.50
58501	20.91	3.10	4.00	542.52	49.82	-68.45	-1705.36	101.13	40.27
58502	20.99	2.50	4.00	547.81	-13.96	-23.56	-1795.54	110.08	72.12
58503	22.07	3.10	4.00	603.92	40.12	-35.09	-1727.02	58.15	53.38
58504	22.14	2.50	4.00	614.62	-44.01	12.13	-1821.21	65.11	63.78
58505	23.22	3.10	4.00	592.86	24.93	-27.31	-1765.56	49.03	64.11
58506	23.29	2.50	4.00	606.30	-66.75	25.75	-1859.33	59.51	64.87
58507	18.84	3.10	3.00	245.37	-31.19	-714.02	-1013.30	699.02	-208.97
58508	18.93	2.50	3.00	134.96	17.59	-532.21	-1249.25	798.06	-31.79
58509	19.94	3.10	3.00	196.59	-15.30	-377.89	-1004.06	448.73	-16.78



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]
58510	20.02	2.50	3.00	237.61	76.51	-130.75	-1304.11	687.66	107.09
58511	21.04	3.10	3.00	322.72	27.56	-242.26	-1019.33	276.28	61.06
58512	21.12	2.50	3.00	381.65	68.18	-19.28	-1283.86	517.69	110.20
58513	22.14	3.10	3.00	401.90	26.62	-178.10	-1059.88	198.53	98.24
58514	22.22	2.50	3.00	458.39	77.30	81.77	-1289.66	436.91	112.16
58515	23.24	3.10	3.00	454.23	21.40	-138.30	-1079.61	157.32	115.40
58516	23.32	2.50	3.00	511.64	82.49	148.60	-1290.61	408.90	108.82
58517	18.43	3.96	4.00	-454.88	-415.39	-517.58	-1630.77	547.82	27.00
58518	19.59	3.96	4.00	327.32	-84.98	44.73	-1616.79	134.43	-160.27
58519	20.74	3.96	4.00	534.25	-2.79	-63.83	-1620.48	69.70	-48.95
58520	21.89	3.95	4.00	581.50	42.73	-36.80	-1638.02	21.09	-25.53
58521	23.05	3.95	4.00	564.34	46.08	-35.90	-1680.58	12.67	-13.20
58522	18.15	5.08	4.00	-489.78	-649.34	-498.69	-1630.01	535.50	135.50
58523	19.31	5.08	4.00	337.48	-290.57	145.94	-1577.92	129.05	-103.92
58524	20.46	5.07	4.00	537.11	-119.74	-27.03	-1582.94	48.27	-54.78
58525	21.62	5.06	4.00	556.20	-20.88	-8.32	-1606.41	-12.26	-60.31
58526	22.78	5.05	4.00	520.01	2.49	-11.18	-1654.25	-15.27	-57.31
58527	17.80	6.19	4.00	-514.50	-675.67	-577.81	-1661.70	636.96	368.78
58528	18.98	6.18	4.00	398.93	-298.28	169.64	-1543.02	171.06	75.07
58529	20.15	6.17	4.00	574.71	-160.72	-22.05	-1526.45	93.45	19.79
58530	21.33	6.16	4.00	551.79	-63.11	6.89	-1556.02	28.19	-43.90
58531	22.51	6.15	4.00	478.34	-37.56	9.22	-1609.77	34.43	-61.53
58532	17.39	7.27	4.00	-460.77	-423.24	-765.43	-1514.47	858.24	525.81
58533	18.60	7.26	4.00	527.20	-98.98	87.62	-1298.83	275.02	171.77
58534	19.81	7.26	4.00	656.39	-104.62	-49.93	-1241.48	208.82	70.07
58535	21.02	7.26	4.00	577.25	-88.67	15.43	-1271.01	149.56	-4.29
58536	22.23	7.25	4.00	449.53	-96.25	37.22	-1321.28	171.27	-23.64
58537	18.66	3.96	3.00	570.34	-54.13	-436.50	-1083.88	547.61	-364.45
58538	19.77	3.96	3.00	222.94	-30.13	-176.15	-1114.03	224.29	-215.64
58539	20.87	3.96	3.00	276.42	25.44	-161.98	-1160.15	67.52	-128.64
58540	21.97	3.95	3.00	358.77	1.78	-139.41	-1215.82	22.97	-91.66
58541	23.07	3.95	3.00	422.99	-27.57	-130.96	-1248.98	-3.23	-85.29
58542	18.38	5.08	3.00	883.70	94.12	-170.43	-1109.55	510.82	-99.42
58543	19.49	5.08	3.00	330.18	183.21	105.84	-1251.92	186.77	-6.29
58544	20.59	5.07	3.00	285.98	144.84	0.26	-1277.00	26.24	-47.84
58545	21.70	5.06	3.00	355.31	99.10	10.24	-1286.50	-0.95	-37.61
58546	22.81	5.05	3.00	428.08	54.05	13.37	-1284.61	-7.34	-40.32
58547	18.04	6.19	3.00	995.40	139.21	-176.53	-1052.84	582.62	105.92
58548	19.16	6.18	3.00	403.01	206.65	118.15	-1334.26	193.20	95.23
58549	20.29	6.17	3.00	335.39	184.66	-2.88	-1369.02	25.08	-9.82
58550	21.41	6.16	3.00	373.08	153.94	-7.63	-1353.23	-4.76	-35.39
58551	22.53	6.15	3.00	426.99	121.56	-10.36	-1328.66	-5.99	-45.45
58552	17.63	7.27	3.00	770.39	56.12	-590.71	-1214.17	1090.48	504.22
58553	18.79	7.26	3.00	430.20	39.01	-172.47	-1656.19	730.03	320.23
58554	19.94	7.26	3.00	429.17	117.64	-82.55	-1654.60	528.61	63.36
58555	21.10	7.26	3.00	444.10	181.16	57.61	-1607.35	486.77	-56.02
58556	22.25	7.25	3.00	456.56	204.46	136.37	-1582.01	510.51	-112.52
58557	17.02	8.10	4.00	-279.11	-121.37	-895.91	-1178.68	1087.01	417.65
58558	18.26	8.10	4.00	638.88	61.00	0.68	-884.45	417.81	82.42
58559	19.49	8.10	4.00	737.74	-27.11	-71.86	-798.63	345.07	45.59
58560	20.73	8.10	4.00	623.47	-60.58	3.92	-818.09	288.92	32.31
58561	21.97	8.10	4.00	448.87	-85.71	32.52	-849.00	320.52	45.00
58562	16.72	8.70	4.00	83.06	-50.32	-890.49	-672.26	1422.87	181.99
58563	17.97	8.70	4.00	647.57	25.86	-15.63	-320.72	628.43	1.17
58564	19.23	8.70	4.00	797.69	4.91	-60.18	-287.33	470.31	5.80
58565	20.48	8.70	4.00	678.74	-21.09	-29.52	-299.25	405.49	18.48
58566	21.73	8.70	4.00	472.51	-30.44	-22.14	-315.52	446.81	37.93
58567	17.27	8.10	3.00	579.21	91.38	-1109.55	-767.15	1732.26	339.67
58568	18.45	8.10	3.00	494.19	-30.47	-478.60	-930.74	1455.94	140.27
58569	19.63	8.10	3.00	523.10	23.33	-194.74	-920.88	1171.88	28.61
58570	20.81	8.10	3.00	487.11	52.89	36.45	-893.90	1098.42	30.54
58571	21.99	8.10	3.00	441.41	69.20	171.27	-875.42	1147.21	41.33
58572	16.98	8.70	3.00	934.53	131.91	-1131.26	-392.51	2157.80	45.32
58573	18.17	8.70	3.00	593.49	-48.99	-395.04	-269.41	1788.86	14.04
58574	19.37	8.70	3.00	615.00	5.99	-157.01	-305.88	1408.33	-25.48
58575	20.57	8.70	3.00	508.05	3.75	-101.38	-291.71	1295.33	27.08
58576	21.76	8.70	3.00	408.49	10.89	-72.31	-277.57	1348.16	66.32
58577	23.13	-8.70	4.00	1224.71	43.60	47.80	-328.68	-546.48	70.70
58578	24.66	-8.70	4.00	1216.53	33.72	40.16	-340.42	-593.04	56.24
58579	26.19	-8.70	4.00	1165.00	26.15	32.21	-350.67	-623.95	42.33
58580	27.73	-8.70	4.00	1094.90	18.94	23.32	-360.19	-643.15	28.83
58581	29.26	-8.70	4.00	1021.13	12.78	14.75	-367.85	-654.30	17.41
58582	30.79	-8.70	4.00	950.05	7.94	7.39	-373.53	-660.87	8.66
58583	32.33	-8.70	4.00	882.78	4.24	1.69	-377.53	-664.99	2.38
58584	33.86	-8.70	4.00	818.63	1.45	-2.42	-380.18	-667.62	-1.96
58585	35.39	-8.70	4.00	756.46	-0.68	-5.33	-381.81	-669.27	-4.92
58586	36.93	-8.70	4.00	695.17	-2.39	-7.48	-382.66	-670.24	-7.01
58587	38.46	-8.70	4.00	633.80	-3.89	-9.27	-382.89	-670.70	-8.68
58588	39.99	-8.70	4.00	571.46	-5.38	-11.05	-382.59	-670.72	-10.35
58589	41.52	-8.70	4.00	507.29	-7.06	-13.18	-381.72	-670.23	-12.42
58590	43.06	-8.70	4.00	440.46	-9.17	-16.06	-380.14	-669.01	-15.35
58591	44.59	-8.70	4.00	370.09	-11.97	-20.15	-377.60	-666.67	-19.71
58592	46.12	-8.70	4.00	295.33	-15.79	-26.00	-373.72	-662.56	-26.20
58593	47.66	-8.70	4.00	215.48	-20.96	-34.17	-368.03	-655.72	-35.60
58594	49.19	-8.70	4.00	130.56	-27.79	-44.97	-360.05	-644.73	-48.65
58595	50.72	-8.70	4.00	42.39	-36.39	-58.29	-349.45	-627.48	-65.65
58596	52.26	-8.70	4.00	-42.64	-46.20	-73.08	-336.57	-601.45	-85.63
58597	53.79	-8.70	4.00	-111.17	-56.18	-87.12	-323.11	-564.37	-105.72
58598	55.32	-8.70	4.00	-141.67	-67.19	-98.33	-308.92	-513.49	-123.94
58599	56.85	-8.10	4.00	1216.67	134.52	-42.28	-882.03	-398.66	82.60
58600	24.85	-8.10	4.00	1194.65	108.90	-34.86	-913.18	-429.21	67.60
58601	26.37	-8.10	4.00	1139.83	83.98	-23.19	-940.41	-450.27	51.82
58602	27.88	-8.10	4.00	1070.49	59.50	-13.50	-962.98	-460.45	36.26
58603	29.39	-8.10	4.00	998.87	38.48	-6.77	-980.18	-463.76	22.77
58604	30.91	-8.10	4.00	930.26	21.88	-2.70	-992.48	-464.04	11.94
58605	32.42	-8.10	4.00	865.49	9.43	-0.39	-1000.85	-463.42	3.75
58606	33.93	-8.10	4.00	803.81	0.34	0.87	-1006.29	-462.71	-2.22
58607	35.44	-8.10	4.00	744.09	-6.29	1.49	-1009.58	-462.22	-6.56
58608	36.96	-8.10	4.00	685.31	-11.34	1.75	-1011.32	-462.04	-9.85

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]
58609	38.47	-8.10	4.00	626.52	-15.60	1.84	-1011.89	-462.24	-12.63
58610	39.98	-8.10	4.00	566.86	-19.83	1.93	-1011.46	-462.83	-15.39
58611	41.49	-8.10	4.00	505.47	-24.78	2.18	-1010.00	-463.83	-18.66
58612	43.01	-8.10	4.00	441.49	-31.30	2.80	-1007.23	-465.22	-22.98
58613	44.52	-8.10	4.00	374.01	-40.39	4.06	-1002.65	-466.94	-29.00
58614	46.03	-8.10	4.00	302.07	-53.20	6.38	-995.44	-468.78	-37.50
58615	47.55	-8.10	4.00	224.73	-70.98	10.36	-984.47	-470.32	-49.24
58616	49.06	-8.10	4.00	141.43	-94.73	16.90	-968.43	-470.45	-64.84
58617	50.57	-8.10	4.00	53.22	-124.69	27.00	-946.08	-466.70	-84.33
58618	52.08	-8.10	4.00	-34.67	-159.25	40.68	-917.07	-454.98	-106.75
58619	53.60	-8.10	4.00	-110.87	-193.34	56.02	-882.78	-431.57	-129.08
58620	55.11	-8.10	4.00	-159.67	-225.67	66.61	-843.88	-397.84	-148.69
58621	23.13	-8.70	3.00	920.88	-11.90	137.55	-249.55	-1451.90	123.05
58622	24.66	-8.70	3.00	931.42	-11.22	128.04	-258.26	-1580.12	99.30
58623	26.19	-8.70	3.00	914.28	-7.41	106.01	-267.59	-1665.47	75.16
58624	27.73	-8.70	3.00	883.65	-4.83	78.84	-276.20	-1720.28	51.94
58625	29.26	-8.70	3.00	848.79	-2.49	50.70	-282.72	-1754.23	32.57
58626	30.79	-8.70	3.00	810.70	-1.00	25.23	-287.59	-1775.93	17.23
58627	32.33	-8.70	3.00	770.25	-0.12	5.01	-291.01	-1789.88	5.74
58628	33.86	-8.70	3.00	728.04	0.38	-10.01	-293.29	-1798.87	-2.59
58629	35.39	-8.70	3.00	684.47	0.65	-20.99	-294.74	-1804.64	-8.59
58630	36.93	-8.70	3.00	639.72	0.80	-29.38	-295.63	-1808.35	-13.11
58631	38.46	-8.70	3.00	593.84	0.91	-36.55	-296.14	-1810.73	-16.92
58632	39.99	-8.70	3.00	546.78	1.03	-43.77	-296.35	-1812.13	-20.71
58633	41.52	-8.70	3.00	498.44	1.21	-52.28	-296.26	-1812.46	-25.23
58634	43.06	-8.70	3.00	448.71	1.53	-63.49	-295.80	-1811.21	-31.27
58635	44.59	-8.70	3.00	397.52	2.09	-78.98	-294.77	-1807.34	-39.77
58636	46.12	-8.70	3.00	344.88	3.07	-100.53	-292.92	-1799.20	-51.77
58637	47.66	-8.70	3.00	290.92	4.77	-129.73	-290.02	-1784.35	-68.34
58638	49.19	-8.70	3.00	236.15	7.55	-167.28	-285.93	-1759.35	-90.18
58639	50.72	-8.70	3.00	181.48	11.81	-211.43	-280.69	-1719.97	-117.22
58640	52.26	-8.70	3.00	127.40	16.83	-259.22	-273.81	-1659.61	-148.97
58641	53.79	-8.70	3.00	82.75	23.80	-303.22	-267.67	-1573.51	-181.21
58642	55.32	-8.70	3.00	57.36	25.36	-330.53	-263.75	-1453.73	-209.67
58643	23.34	-8.10	3.00	826.60	-75.46	-258.53	-824.49	-1242.38	88.13
58644	24.85	-8.10	3.00	845.96	-58.23	-195.08	-863.69	-1347.49	75.14
58645	26.37	-8.10	3.00	841.50	-40.75	-131.69	-895.22	-1412.55	58.47
58646	27.88	-8.10	3.00	826.43	-24.81	-78.21	-916.77	-1445.59	42.67
58647	29.39	-8.10	3.00	805.58	-12.50	-41.14	-930.74	-1459.88	28.04
58648	30.91	-8.10	3.00	779.38	-4.25	-17.64	-939.51	-1465.35	15.41
58649	32.42	-8.10	3.00	748.41	0.86	-3.28	-944.89	-1467.03	5.25
58650	33.93	-8.10	3.00	713.63	3.84	5.20	-948.13	-1467.36	-2.56
58651	35.44	-8.10	3.00	676.00	5.50	9.99	-950.14	-1467.54	-8.52
58652	36.96	-8.10	3.00	636.27	6.43	12.60	-951.55	-1468.21	-13.26
58653	38.47	-8.10	3.00	595.03	7.04	14.16	-952.78	-1469.75	-17.39
58654	39.98	-8.10	3.00	552.71	7.67	15.63	-954.08	-1472.41	-21.53
58655	41.49	-8.10	3.00	509.69	8.68	18.02	-955.50	-1476.28	-26.30
58656	43.01	-8.10	3.00	466.41	10.48	22.50	-956.94	-1481.33	-32.36
58657	44.52	-8.10	3.00	423.41	13.67	30.60	-958.12	-1487.33	-40.43
58658	46.03	-8.10	3.00	381.38	19.15	44.44	-958.53	-1493.72	-51.25
58659	47.55	-8.10	3.00	341.02	28.29	67.03	-957.44	-1499.24	-65.36
58660	49.06	-8.10	3.00	302.72	42.92	102.55	-953.81	-1501.25	-82.73
58661	50.57	-8.10	3.00	265.81	64.64	155.94	-945.85	-1494.11	-102.49
58662	52.08	-8.10	3.00	228.95	92.70	228.98	-930.84	-1466.89	-123.67
58663	53.60	-8.10	3.00	195.17	122.84	310.91	-906.70	-1405.79	-145.70
58664	55.11	-8.10	3.00	175.24	150.26	384.85	-877.89	-1305.37	-162.01
58665	23.57	-7.25	4.00	1163.37	162.65	-50.91	-1376.54	-235.26	-23.18
58666	25.07	-7.25	4.00	1137.88	138.07	-43.24	-1420.99	-253.62	-16.12
58667	26.56	-7.25	4.00	1087.36	110.19	-30.14	-1457.23	-264.57	-10.13
58668	28.05	-7.25	4.00	1025.43	81.87	-18.89	-1484.36	-267.42	-5.23
58669	29.54	-7.25	4.00	961.30	56.33	-10.37	-1503.13	-265.68	-1.96
58670	31.03	-7.25	4.00	899.09	35.09	-4.51	-1515.38	-262.41	-0.29
58671	32.52	-7.25	4.00	839.61	18.31	-0.67	-1523.02	-259.24	0.24
58672	34.01	-7.25	4.00	782.37	5.39	1.77	-1527.58	-256.76	0.08
58673	35.50	-7.25	4.00	726.58	-4.59	3.29	-1530.14	-255.09	-0.47
58674	36.99	-7.25	4.00	671.45	-12.64	4.26	-1531.41	-254.22	-1.21
58675	38.48	-7.25	4.00	616.21	-19.67	4.96	-1531.82	-254.09	-2.03
58676	39.97	-7.25	4.00	560.14	-26.60	5.66	-1531.59	-254.70	-2.84
58677	41.46	-7.25	4.00	502.51	-34.30	6.62	-1530.72	-256.08	-3.54
58678	42.95	-7.25	4.00	442.59	-43.78	8.15	-1529.00	-258.30	-4.00
58679	44.44	-7.25	4.00	379.60	-56.16	10.61	-1525.95	-261.42	-4.01
58680	45.93	-7.25	4.00	312.73	-72.69	14.55	-1520.68	-265.51	-3.26
58681	47.42	-7.25	4.00	241.14	-94.55	20.65	-1511.75	-270.38	-1.23
58682	48.91	-7.25	4.00	164.20	-122.48	29.76	-1497.04	-275.29	2.72
58683	50.40	-7.25	4.00	82.48	-156.17	42.72	-1473.75	-278.17	9.23
58684	51.89	-7.25	4.00	-0.26	-193.40	59.38	-1439.09	-275.30	18.15
58685	53.38	-7.25	4.00	-75.41	-229.46	77.73	-1391.59	-262.79	28.27
58686	54.88	-7.25	4.00	-130.48	-259.19	90.63	-1332.49	-241.12	37.91
58687	23.83	-6.15	4.00	1073.02	90.67	-9.33	-1676.70	-77.60	-76.36
58688	25.29	-6.15	4.00	1052.36	82.74	-10.85	-1717.93	-84.36	-62.32
58689	26.76	-6.15	4.00	1013.30	71.25	-7.67	-1750.17	-86.83	-46.23
58690	28.23	-6.15	4.00	964.66	57.38	-5.13	-1772.74	-85.71	-31.24
58691	29.69	-6.15	4.00	912.42	43.14	-3.01	-1786.90	-82.85	-18.87
58692	31.16	-6.15	4.00	859.65	29.91	-1.44	-1794.93	-79.66	-9.70
58693	32.63	-6.15	4.00	807.50	18.38	-0.33	-1799.03	-76.86	-3.46
58694	34.09	-6.15	4.00	756.16	8.64	0.44	-1800.84	-74.72	0.51
58695	35.56	-6.15	4.00	705.38	0.41	0.97	-1801.41	-73.25	2.90
58696	37.03	-6.15	4.00	654.80	-6.73	1.36	-1801.38	-72.41	4.31
58697	38.49	-6.15	4.00	603.93	-13.21	1.68	-1801.08	-72.13	5.28
58698	39.96	-6.15	4.00	552.25	-19.47	2.01	-1800.68	-72.39	6.26
58699	41.42	-6.15	4.00	499.22	-25.91	2.41	-1800.23	-73.21	7.72
58700	42.89	-6.15	4.00	444.28	-32.96	2.96	-1799.62	-74.60	10.22
58701	44.36	-6.15	4.00	386.92	-41.07	3.77	-1798.51	-76.60	14.45
58702	45.82	-6.15	4.00	326.70	-50.65	4.97	-1796.17	-79.25	21.31
58703	47.29	-6.15	4.00	263.38	-61.93	6.72	-1791.15	-82.45	31.91
58704	48.76	-6.15	4.00	197.00	-74.70	9.24	-1780.93	-85.85	47.31
58705	50.22	-6.15	4.00	128.48	-88.07	12.69	-1761.88	-88.51	68.02
58706	51.69	-6.15	4.00	60.47	-100.49	16.94	-1729.86	-88.72	93.12
58707	53.16	-6.15	4.00	-1.73	-110.12	21.86	-1681.84	-84.64	119.82

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]
58708	54.62	-6.15	4.00	-50.85	-116.03	23.71	-1618.01	-75.37	142.49
58709	24.08	-5.05	4.00	1003.63	37.32	16.61	-1723.72	-12.86	-63.88
58710	25.52	-5.05	4.00	985.76	37.27	11.06	-1749.10	-14.80	-55.24
58711	26.97	-5.05	4.00	954.28	34.93	8.47	-1769.23	-15.41	-43.30
58712	28.41	-5.05	4.00	914.85	30.59	5.66	-1783.11	-15.20	-30.85
58713	29.85	-5.05	4.00	871.15	25.25	3.41	-1791.40	-14.85	-19.79
58714	31.29	-5.05	4.00	825.42	19.51	1.77	-1795.60	-14.52	-11.07
58715	32.73	-5.05	4.00	778.97	13.71	0.67	-1797.22	-14.21	-4.77
58716	34.18	-5.05	4.00	732.43	8.01	-0.04	-1797.40	-13.92	-0.50
58717	35.62	-5.05	4.00	685.99	2.46	-0.49	-1796.84	-13.68	2.31
58718	37.06	-5.05	4.00	639.51	-2.88	-0.78	-1795.90	-13.51	4.21
58719	38.50	-5.05	4.00	592.71	-7.98	-0.99	-1794.78	-13.43	5.69
58720	39.95	-5.05	4.00	545.18	-12.77	-1.20	-1793.54	-13.42	7.18
58721	41.39	-5.05	4.00	496.46	-17.19	-1.47	-1792.18	-13.47	9.12
58722	42.83	-5.05	4.00	446.10	-21.10	-1.88	-1790.60	-13.52	12.02
58723	44.27	-5.05	4.00	393.72	-24.34	-2.53	-1788.58	-13.46	16.51
58724	45.72	-5.05	4.00	339.18	-26.71	-3.59	-1785.54	-13.15	23.36
58725	47.16	-5.05	4.00	282.76	-27.98	-5.24	-1780.37	-12.42	33.51
58726	48.60	-5.05	4.00	225.29	-27.86	-7.74	-1771.03	-11.16	47.81
58727	50.04	-5.05	4.00	168.28	-26.05	-11.23	-1754.49	-9.48	66.48
58728	51.48	-5.05	4.00	113.90	-22.27	-15.61	-1727.28	-7.55	88.51
58729	52.93	-5.05	4.00	65.13	-16.35	-20.01	-1686.75	-5.33	111.39
58730	54.37	-5.05	4.00	25.84	-8.83	-24.78	-1632.64	-2.44	130.79
58731	24.33	-3.95	4.00	959.23	-24.16	37.85	-1738.96	-33.54	-8.42
58732	25.75	-3.95	4.00	939.11	-16.27	30.79	-1756.12	-37.09	-8.90
58733	27.17	-3.95	4.00	909.20	-7.53	24.58	-1771.04	-40.32	-6.90
58734	28.59	-3.95	4.00	873.32	0.07	17.65	-1782.67	-43.13	-4.57
58735	30.01	-3.95	4.00	833.97	5.51	11.43	-1791.10	-45.75	-2.52
58736	31.43	-3.95	4.00	792.84	8.36	6.47	-1796.76	-48.03	-1.01
58737	32.84	-3.95	4.00	750.96	8.83	2.78	-1800.24	-49.82	-0.06
58738	34.26	-3.95	4.00	708.91	7.38	0.12	-1802.06	-51.10	0.42
58739	35.68	-3.95	4.00	666.88	4.60	-1.83	-1802.63	-51.93	0.57
58740	37.10	-3.95	4.00	624.82	1.08	-3.34	-1802.23	-52.42	0.51
58741	38.52	-3.95	4.00	582.52	-2.66	-4.66	-1800.99	-52.65	0.36
58742	39.93	-3.95	4.00	539.64	-6.08	-5.99	-1798.96	-52.66	0.23
58743	41.35	-3.95	4.00	495.80	-8.65	-7.55	-1796.06	-52.44	0.21
58744	42.77	-3.95	4.00	450.61	-9.76	-9.55	-1792.09	-51.89	0.38
58745	44.19	-3.95	4.00	403.76	-8.67	-12.32	-1786.72	-50.85	0.86
58746	45.61	-3.95	4.00	355.15	-4.50	-16.24	-1779.40	-49.06	1.77
58747	47.02	-3.95	4.00	305.11	3.70	-21.80	-1769.29	-46.28	3.33
58748	48.44	-3.95	4.00	254.64	16.76	-29.52	-1755.16	-42.39	5.83
58749	49.86	-3.95	4.00	205.39	35.03	-39.65	-1735.38	-37.70	9.55
58750	51.28	-3.95	4.00	159.51	57.78	-51.60	-1708.16	-33.07	14.56
58751	52.70	-3.95	4.00	119.07	82.80	-63.56	-1672.04	-29.16	20.63
58752	54.12	-3.95	4.00	86.59	106.22	-74.01	-1626.85	-25.97	26.50
58753	23.57	-7.25	3.00	710.72	-213.31	-199.76	-1504.06	-577.66	-147.50
58754	25.07	-7.25	3.00	746.88	-169.98	-156.06	-1567.74	-625.76	-113.53
58755	26.56	-7.25	3.00	763.96	-123.40	-109.37	-1613.06	-652.13	-79.17
58756	28.05	-7.25	3.00	767.63	-80.77	-68.51	-1640.70	-662.17	-48.86
58757	29.54	-7.25	3.00	760.86	-46.81	-38.08	-1655.84	-662.99	-26.30
58758	31.03	-7.25	3.00	745.01	-21.99	-17.07	-1663.37	-660.22	-11.08
58759	32.52	-7.25	3.00	721.76	-4.62	-3.14	-1666.67	-656.73	-1.49
58760	34.01	-7.25	3.00	692.89	7.41	5.82	-1667.92	-653.78	4.23
58761	35.50	-7.25	3.00	659.97	15.94	11.51	-1668.51	-651.80	7.44
58762	36.99	-7.25	3.00	624.24	22.43	15.22	-1669.34	-650.96	9.19
58763	38.48	-7.25	3.00	586.61	28.04	17.99	-1671.00	-651.31	10.25
58764	39.97	-7.25	3.00	547.82	33.82	20.73	-1673.85	-652.92	11.32
58765	41.46	-7.25	3.00	508.52	40.79	24.36	-1678.09	-655.89	13.08
58766	42.95	-7.25	3.00	469.41	50.18	29.97	-1683.75	-660.32	16.37
58767	44.44	-7.25	3.00	431.37	63.59	38.90	-1690.67	-666.31	22.25
58768	45.93	-7.25	3.00	395.44	83.22	52.94	-1698.34	-673.84	32.22
58769	47.42	-7.25	3.00	362.82	112.08	74.45	-1705.74	-682.56	48.34
58770	48.91	-7.25	3.00	334.42	153.87	106.36	-1710.88	-691.13	73.20
58771	50.40	-7.25	3.00	310.34	211.59	151.61	-1709.98	-696.09	109.29
58772	51.89	-7.25	3.00	289.68	284.01	210.68	-1696.93	-690.54	156.59
58773	53.38	-7.25	3.00	273.04	361.87	275.90	-1665.53	-665.96	208.59
58774	54.88	-7.25	3.00	263.28	431.03	332.60	-1615.17	-617.74	255.06
58775	23.83	-6.15	3.00	665.00	-53.66	20.80	-1259.92	-32.63	-49.95
58776	25.29	-6.15	3.00	703.60	-42.12	16.19	-1276.74	-37.50	-41.27
58777	26.76	-6.15	3.00	726.37	-31.99	10.83	-1291.34	-37.79	-31.64
58778	28.23	-6.15	3.00	734.51	-22.31	6.71	-1301.95	-35.95	-22.08
58779	29.69	-6.15	3.00	730.29	-13.57	3.66	-1308.70	-32.97	-13.75
58780	31.16	-6.15	3.00	716.25	-5.93	1.66	-1312.38	-29.86	-7.32
58781	32.63	-6.15	3.00	694.74	0.71	0.39	-1313.99	-27.20	-2.86
58782	34.09	-6.15	3.00	667.76	6.63	-0.40	-1314.44	-25.18	-0.02
58783	35.56	-6.15	3.00	636.92	12.12	-0.88	-1314.43	-23.80	1.68
58784	37.03	-6.15	3.00	603.37	17.44	-1.16	-1314.46	-22.98	2.66
58785	38.49	-6.15	3.00	567.94	22.84	-1.36	-1314.85	-22.66	3.33
58786	39.96	-6.15	3.00	531.22	28.59	-1.54	-1315.83	-22.80	4.01
58787	41.42	-6.15	3.00	493.71	34.96	-1.79	-1317.51	-23.40	5.07
58788	42.89	-6.15	3.00	455.91	42.26	-2.22	-1319.90	-24.48	6.92
58789	44.36	-6.15	3.00	418.38	50.87	-2.94	-1322.87	-26.08	10.07
58790	45.82	-6.15	3.00	381.85	61.32	-4.12	-1326.09	-28.21	15.21
58791	47.29	-6.15	3.00	347.14	74.28	-5.98	-1328.89	-30.83	23.10
58792	48.76	-6.15	3.00	315.10	90.63	-8.81	-1330.21	-33.63	34.43
58793	50.22	-6.15	3.00	286.36	110.94	-12.97	-1328.66	-35.86	49.29
58794	51.69	-6.15	3.00	261.43	134.82	-18.53	-1323.09	-36.27	66.76
58795	53.16	-6.15	3.00	240.68	160.30	-25.18	-1313.27	-33.77	84.88
58796	54.62	-6.15	3.00	224.25	185.85	-29.74	-1300.76	-27.36	101.01
58797	24.08	-5.05	3.00	652.26	43.64	-10.01	-1254.30	-20.00	-48.97
58798	25.52	-5.05	3.00	684.56	39.31	-8.52	-1253.43	-22.87	-41.89
58799	26.97	-5.05	3.00	704.00	30.46	-6.82	-1252.15	-22.63	-32.81
58800	28.41	-5.05	3.00	710.45	21.00	-4.67	-1250.88	-21.68	-23.40
58801	29.85	-5.05	3.00	705.75	13.15	-2.93	-1249.26	-20.64	-15.05
58802	31.29	-5.05	3.00	692.19	8.13	-1.52	-1247.25	-19.68	-8.52
58803	32.73	-5.05	3.00	671.95	6.11	-0.42	-1245.09	-18.86	-3.89
58804	34.18	-5.05	3.00	646.91	6.59	0.44	-1243.07	-18.20	-0.87
58805	35.62	-5.05	3.00	618.49	8.93	1.14	-1241.37	-17.71	0.97
58806	37.06	-5.05	3.00	587.67	12.53	1.74	-1240.09	-17.38	2.08

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]
58807	38.50	-5.05	3.00	555.15	16.94	2.32	-1239.32	-17.22	2.83
58808	39.95	-5.05	3.00	521.39	21.77	2.90	-1239.14	-17.21	3.57
58809	41.39	-5.05	3.00	486.75	26.68	3.57	-1239.60	-17.32	4.67
58810	42.83	-5.05	3.00	451.56	31.22	4.37	-1240.78	-17.53	6.51
58811	44.27	-5.05	3.00	416.16	34.82	5.38	-1242.69	-17.72	9.59
58812	45.72	-5.05	3.00	381.01	36.68	6.69	-1245.25	-17.79	14.55
58813	47.16	-5.05	3.00	346.66	35.88	8.41	-1248.12	-17.57	22.11
58814	48.60	-5.05	3.00	313.82	31.70	10.69	-1250.62	-16.98	32.91
58815	50.04	-5.05	3.00	283.13	24.30	13.66	-1251.79	-16.01	47.06
58816	51.48	-5.05	3.00	254.97	15.30	17.48	-1250.95	-14.73	63.61
58817	52.93	-5.05	3.00	228.94	7.21	21.35	-1248.39	-12.72	80.74
58818	54.37	-5.05	3.00	203.61	3.45	25.57	-1244.19	-9.20	95.68
58819	24.33	-3.95	3.00	710.27	116.99	133.76	-1262.53	-1.88	-90.63
58820	25.75	-3.95	3.00	725.32	100.69	116.22	-1241.71	-17.51	-79.49
58821	27.17	-3.95	3.00	727.29	77.02	91.14	-1223.47	-29.14	-61.85
58822	28.59	-3.95	3.00	718.94	52.07	64.81	-1207.95	-39.80	-43.08
58823	30.01	-3.95	3.00	703.23	30.73	41.52	-1194.40	-49.27	-26.76
58824	31.43	-3.95	3.00	682.13	15.78	23.07	-1183.03	-57.17	-14.39
58825	32.84	-3.95	3.00	657.42	7.16	9.34	-1174.06	-63.19	-5.76
58826	34.26	-3.95	3.00	630.32	3.55	-0.71	-1167.28	-67.50	-0.02
58827	35.68	-3.95	3.00	601.57	3.46	-8.19	-1162.33	-70.39	3.76
58828	37.10	-3.95	3.00	571.58	5.63	-14.11	-1158.82	-72.20	6.34
58829	38.52	-3.95	3.00	540.52	9.05	-19.34	-1156.50	-73.18	8.38
58830	39.93	-3.95	3.00	508.43	12.88	-24.62	-1155.26	-73.44	10.43
58831	41.35	-3.95	3.00	475.24	16.30	-30.74	-1155.11	-72.98	13.03
58832	42.77	-3.95	3.00	440.79	18.34	-38.57	-1156.23	-71.62	16.81
58833	44.19	-3.95	3.00	404.84	17.68	-49.22	-1158.90	-69.02	22.56
58834	45.61	-3.95	3.00	367.09	12.51	-64.12	-1163.47	-64.71	31.37
58835	47.02	-3.95	3.00	327.30	0.42	-85.06	-1170.16	-58.13	44.71
58836	48.44	-3.95	3.00	285.50	-21.22	-113.99	-1178.70	-49.08	64.31
58837	49.86	-3.95	3.00	242.21	-53.66	-152.03	-1187.69	-38.30	91.38
58838	51.28	-3.95	3.00	198.26	-94.06	-197.81	-1194.95	-27.57	124.83
58839	52.70	-3.95	3.00	155.59	-135.67	-244.62	-1199.20	-19.75	159.80
58840	54.12	-3.95	3.00	113.91	-170.61	-282.55	-1199.69	-14.43	189.37
58841	24.49	-3.10	4.00	934.13	-6.74	22.55	-1806.56	-71.37	73.89
58842	25.90	-3.10	4.00	910.54	-1.82	18.38	-1825.63	-78.02	63.12
58843	27.30	-3.10	4.00	878.61	3.27	14.57	-1843.00	-83.92	50.17
58844	28.70	-3.10	4.00	842.26	7.49	10.31	-1858.32	-88.16	36.77
58845	30.11	-3.10	4.00	804.06	9.72	6.32	-1871.10	-91.13	24.60
58846	31.51	-3.10	4.00	765.40	9.81	3.02	-1881.00	-93.29	14.60
58847	32.91	-3.10	4.00	726.81	8.00	0.53	-1888.08	-94.86	6.81
58848	34.31	-3.10	4.00	688.44	4.75	-1.25	-1892.66	-95.98	0.87
58849	35.72	-3.10	4.00	650.26	0.56	-2.52	-1895.12	-96.73	-3.74
58850	37.12	-3.10	4.00	612.12	-4.12	-3.49	-1895.81	-97.22	-7.52
58851	38.52	-3.10	4.00	573.81	-8.88	-4.33	-1894.93	-97.52	-10.90
58852	39.93	-3.10	4.00	535.06	-13.33	-5.21	-1892.57	-97.68	-14.28
58853	41.33	-3.10	4.00	495.54	-17.10	-6.27	-1888.63	-97.73	-18.09
58854	42.73	-3.10	4.00	454.91	-19.81	-7.68	-1882.82	-97.63	-22.84
58855	44.14	-3.10	4.00	412.83	-20.95	-9.65	-1874.67	-97.28	-29.13
58856	45.54	-3.10	4.00	369.07	-19.95	-12.40	-1863.51	-96.53	-37.75
58857	46.94	-3.10	4.00	323.62	-16.11	-16.23	-1848.51	-95.10	-49.52
58858	48.34	-3.10	4.00	276.96	-8.71	-21.38	-1828.84	-92.70	-65.10
58859	49.75	-3.10	4.00	230.25	2.77	-28.00	-1803.82	-89.00	-84.43
58860	51.15	-3.10	4.00	185.69	18.30	-35.80	-1773.20	-83.96	-106.00
58861	52.55	-3.10	4.00	145.83	36.30	-43.91	-1736.94	-77.84	-126.56
58862	53.96	-3.10	4.00	113.96	55.82	-51.06	-1695.06	-70.94	-142.88
58863	24.56	-2.50	4.00	915.35	91.73	-35.54	-1893.25	-88.26	69.31
58864	25.96	-2.50	4.00	889.64	82.84	-31.51	-1918.50	-97.28	58.80
58865	27.35	-2.50	4.00	856.22	71.38	-24.76	-1941.30	-104.22	46.43
58866	28.75	-2.50	4.00	819.23	58.01	-18.03	-1960.87	-107.83	33.38
58867	30.15	-2.50	4.00	781.71	44.22	-12.31	-1976.74	-109.06	21.60
58868	31.54	-2.50	4.00	744.84	30.92	-7.91	-1988.84	-109.22	11.95
58869	32.94	-2.50	4.00	708.74	18.49	-4.56	-1997.47	-109.06	4.50
58870	34.34	-2.50	4.00	673.17	6.97	-1.96	-2003.12	-108.89	-1.10
58871	35.73	-2.50	4.00	637.86	-3.75	0.14	-2006.30	-108.81	-5.37
58872	37.13	-2.50	4.00	602.59	-13.83	1.93	-2007.43	-108.82	-8.80
58873	38.53	-2.50	4.00	567.15	-23.44	3.56	-2006.78	-108.97	-11.84
58874	39.92	-2.50	4.00	531.33	-32.77	5.17	-2004.48	-109.28	-14.92
58875	41.32	-2.50	4.00	494.86	-42.04	6.90	-2000.46	-109.81	-18.44
58876	42.72	-2.50	4.00	457.44	-51.52	8.94	-1994.43	-110.61	-22.91
58877	44.11	-2.50	4.00	418.74	-61.54	11.56	-1985.90	-111.71	-28.93
58878	45.51	-2.50	4.00	378.39	-72.48	15.10	-1974.15	-113.09	-37.21
58879	46.91	-2.50	4.00	336.06	-84.65	20.04	-1958.27	-114.56	-48.54
58880	48.30	-2.50	4.00	291.60	-98.16	26.89	-1937.28	-115.58	-63.53
58881	49.70	-2.50	4.00	245.57	-112.50	35.92	-1910.31	-115.01	-82.21
58882	51.10	-2.50	4.00	199.83	-126.26	46.48	-1876.99	-111.28	-103.30
58883	52.49	-2.50	4.00	157.95	-136.50	56.63	-1837.44	-103.52	-123.84
58884	53.89	-2.50	4.00	123.68	-141.45	64.19	-1791.93	-92.31	-141.22
58885	24.49	-3.10	3.00	724.57	20.64	107.60	-1083.66	-147.13	133.52
58886	25.90	-3.10	3.00	727.94	17.16	96.68	-1074.75	-185.61	114.25
58887	27.30	-3.10	3.00	720.97	14.04	76.99	-1069.40	-213.56	90.88
58888	28.70	-3.10	3.00	707.06	9.51	54.93	-1066.40	-234.81	67.11
58889	30.11	-3.10	3.00	688.75	5.80	34.42	-1064.20	-251.00	46.00
58890	31.51	-3.10	3.00	666.94	3.62	17.55	-1062.50	-263.34	28.22
58891	32.91	-3.10	3.00	642.69	3.07	4.74	-1061.12	-272.40	13.74
58892	34.31	-3.10	3.00	616.79	3.83	-4.70	-1059.91	-278.83	2.06
58893	35.72	-3.10	3.00	589.73	5.56	-11.79	-1058.76	-283.25	-7.54
58894	37.12	-3.10	3.00	561.76	7.96	-17.48	-1057.59	-286.18	-15.79
58895	38.52	-3.10	3.00	532.98	10.80	-22.60	-1056.35	-288.03	-23.39
58896	39.93	-3.10	3.00	503.37	13.91	-27.91	-1055.01	-289.05	-31.04
58897	41.33	-3.10	3.00	472.80	17.12	-34.15	-1053.54	-289.31	-39.47
58898	42.73	-3.10	3.00	441.08	20.23	-42.12	-1051.90	-288.74	-49.51
58899	44.14	-3.10	3.00	407.93	23.00	-52.83	-1050.05	-287.03	-62.17
58900	45.54	-3.10	3.00	372.97	24.99	-67.48	-1047.94	-283.66	-78.59
58901	46.94	-3.10	3.00	335.82	25.61	-87.55	-1045.52	-277.97	-99.95
58902	48.34	-3.10	3.00	296.17	24.04	-114.57	-1042.75	-269.24	-127.00
58903	49.75	-3.10	3.00	254.02	19.73	-149.34	-1039.50	-257.22	-159.67
58904	51.15	-3.10	3.00	209.45	12.81	-191.22	-1035.53	-242.10	-196.56
58905	52.55	-3.10	3.00	164.94	5.85	-235.02	-1032.49	-225.93	-232.45

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]
58906	53.96	-3.10	3.00	120.60	-4.64	-272.93	-1031.26	-209.90	-259.65
58907	24.56	-2.50	3.00	661.53	-42.23	-205.06	-1269.09	-411.94	116.16
58908	25.96	-2.50	3.00	668.82	-33.67	-170.46	-1284.30	-457.45	100.63
58909	27.35	-2.50	3.00	666.86	-25.60	-132.01	-1296.17	-486.50	79.82
58910	28.75	-2.50	3.00	660.47	-17.22	-94.54	-1304.80	-502.21	58.55
58911	30.15	-2.50	3.00	650.63	-10.04	-63.86	-1310.53	-509.90	39.29
58912	31.54	-2.50	3.00	637.37	-4.39	-40.26	-1314.27	-513.63	22.94
58913	32.94	-2.50	3.00	620.88	0.06	-22.25	-1316.64	-515.60	9.67
58914	34.34	-2.50	3.00	601.72	3.82	-8.21	-1318.01	-516.84	-0.89
58915	35.73	-2.50	3.00	580.50	7.28	3.18	-1318.63	-517.80	-9.38
58916	37.13	-2.50	3.00	557.80	10.70	12.89	-1318.70	-518.73	-16.54
58917	38.53	-2.50	3.00	534.01	14.23	21.74	-1318.35	-519.85	-23.09
58918	39.92	-2.50	3.00	509.47	18.01	30.46	-1317.66	-521.35	-29.72
58919	41.32	-2.50	3.00	484.40	22.15	39.83	-1316.69	-523.45	-37.14
58920	42.72	-2.50	3.00	458.99	26.83	50.84	-1315.42	-526.34	-46.17
58921	44.11	-2.50	3.00	433.41	32.32	64.75	-1313.76	-530.19	-57.73
58922	45.51	-2.50	3.00	407.79	39.05	83.33	-1311.56	-535.09	-72.87
58923	46.91	-2.50	3.00	382.02	47.66	108.89	-1308.56	-540.76	-92.59
58924	48.30	-2.50	3.00	355.55	58.85	144.08	-1304.39	-546.20	-117.50
58925	49.70	-2.50	3.00	327.04	72.86	190.74	-1298.41	-548.80	-147.51
58926	51.10	-2.50	3.00	294.99	88.62	246.85	-1289.82	-544.01	-181.61
58927	52.49	-2.50	3.00	259.06	102.58	302.13	-1279.52	-527.30	-216.15
58928	53.89	-2.50	3.00	221.46	115.31	343.48	-1270.82	-500.27	-243.31
58929	24.60	-1.65	4.00	865.36	114.74	-43.03	-2016.57	-80.06	-25.43
58930	25.99	-1.65	4.00	841.32	102.76	-38.37	-2051.88	-87.30	-22.34
58931	27.38	-1.65	4.00	810.95	86.54	-30.07	-2081.70	-91.95	-19.13
58932	28.78	-1.65	4.00	777.95	68.29	-21.78	-2105.15	-93.26	-15.73
58933	30.17	-1.65	4.00	744.97	50.10	-14.58	-2122.42	-92.41	-12.50
58934	31.56	-1.65	4.00	712.95	33.24	-8.92	-2134.49	-90.78	-9.67
58935	32.96	-1.65	4.00	681.78	18.21	-4.59	-2142.52	-89.22	-7.20
58936	34.35	-1.65	4.00	651.03	4.99	-1.25	-2147.50	-88.05	-4.98
58937	35.74	-1.65	4.00	620.37	-6.73	1.44	-2150.15	-87.29	-2.92
58938	37.14	-1.65	4.00	589.59	-17.33	3.72	-2150.98	-86.89	-0.95
58939	38.53	-1.65	4.00	558.56	-27.23	5.82	-2150.29	-86.83	0.96
58940	39.92	-1.65	4.00	527.15	-36.85	7.90	-2148.23	-87.10	2.85
58941	41.31	-1.65	4.00	495.22	-46.64	10.19	-2144.79	-87.75	4.77
58942	42.71	-1.65	4.00	462.57	-57.10	12.90	-2139.78	-88.85	6.79
58943	44.10	-1.65	4.00	428.95	-68.82	16.37	-2132.80	-90.50	9.05
58944	45.49	-1.65	4.00	393.99	-82.45	21.03	-2123.14	-92.76	11.72
58945	46.89	-1.65	4.00	357.24	-98.54	27.44	-2109.71	-95.49	15.06
58946	48.28	-1.65	4.00	318.28	-117.27	36.21	-2090.91	-98.12	19.36
58947	49.67	-1.65	4.00	277.24	-138.11	47.67	-2064.69	-99.31	24.69
58948	51.07	-1.65	4.00	235.62	-159.30	61.11	-2029.07	-97.10	30.62
58949	52.46	-1.65	4.00	196.64	-177.77	74.28	-1982.88	-90.20	36.06
58950	53.85	-1.65	4.00	163.86	-189.40	85.00	-1927.04	-79.06	39.07
58951	24.60	-0.55	4.00	781.46	47.14	-10.38	-2128.82	-40.24	-77.85
58952	25.99	-0.55	4.00	763.84	42.36	-10.74	-2167.96	-41.78	-69.59
58953	27.38	-0.55	4.00	742.32	35.75	-8.30	-2199.92	-41.94	-58.02
58954	28.78	-0.55	4.00	719.12	27.91	-5.94	-2223.59	-40.86	-45.42
58955	30.17	-0.55	4.00	695.44	19.76	-3.86	-2239.62	-39.20	-33.42
58956	31.56	-0.55	4.00	671.72	11.94	-2.21	-2249.65	-37.53	-22.98
58957	32.96	-0.55	4.00	647.88	4.80	-0.96	-2255.48	-36.18	-14.29
58958	34.35	-0.55	4.00	623.74	-1.52	0.00	-2258.54	-35.21	-7.10
58959	35.74	-0.55	4.00	599.19	-7.06	0.78	-2259.73	-34.58	-1.00
58960	37.14	-0.55	4.00	574.20	-11.96	1.44	-2259.60	-34.22	4.41
58961	38.53	-0.55	4.00	548.81	-16.36	2.06	-2258.42	-34.06	9.48
58962	39.92	-0.55	4.00	523.04	-20.42	2.68	-2256.33	-34.09	14.55
58963	41.31	-0.55	4.00	496.91	-24.29	3.36	-2253.33	-34.30	19.95
58964	42.71	-0.55	4.00	470.37	-28.14	4.18	-2249.27	-34.71	26.11
58965	44.10	-0.55	4.00	443.35	-32.11	5.20	-2243.82	-35.34	33.55
58966	45.49	-0.55	4.00	415.76	-36.31	6.57	-2236.24	-36.16	42.97
58967	46.89	-0.55	4.00	387.47	-40.73	8.45	-2225.19	-37.06	55.13
58968	48.28	-0.55	4.00	358.48	-45.17	11.02	-2208.45	-37.71	70.65
58969	49.67	-0.55	4.00	329.05	-49.22	14.42	-2182.95	-37.45	89.47
58970	51.07	-0.55	4.00	300.14	-52.41	18.47	-2145.49	-35.41	110.26
58971	52.46	-0.55	4.00	273.19	-54.46	22.56	-2094.04	-31.22	130.20
58972	53.85	-0.55	4.00	249.19	-55.36	26.97	-2029.17	-24.79	144.70
58973	24.60	0.55	4.00	701.92	-10.53	14.71	-2131.89	16.81	-76.22
58974	25.99	0.55	4.00	689.69	-11.78	11.43	-2166.05	20.92	-69.79
58975	27.38	0.55	4.00	676.88	-12.65	9.19	-2194.17	23.92	-58.79
58976	28.78	0.55	4.00	663.58	-13.01	6.73	-2214.70	25.65	-46.11
58977	30.17	0.55	4.00	649.25	-12.76	4.57	-2228.19	26.19	-33.83
58978	31.56	0.55	4.00	633.57	-12.09	2.85	-2236.19	26.02	-23.10
58979	32.96	0.55	4.00	616.54	-11.21	1.54	-2240.42	25.59	-14.18
58980	34.35	0.55	4.00	598.36	-10.27	0.52	-2242.24	25.15	-6.84
58981	35.74	0.55	4.00	579.27	-9.28	-0.30	-2242.50	24.80	-0.67
58982	37.14	0.55	4.00	559.52	-8.16	-1.00	-2241.68	24.60	4.77
58983	38.53	0.55	4.00	539.31	-6.83	-1.63	-2239.98	24.56	9.85
58984	39.92	0.55	4.00	518.80	-5.14	-2.25	-2237.48	24.69	14.91
58985	41.31	0.55	4.00	498.12	-2.96	-2.92	-2234.09	25.02	20.30
58986	42.71	0.55	4.00	477.35	-0.10	-3.70	-2229.62	25.62	26.41
58987	44.10	0.55	4.00	456.64	3.67	-4.69	-2223.66	26.59	33.75
58988	45.49	0.55	4.00	436.20	8.54	-6.01	-2215.42	28.07	42.94
58989	46.89	0.55	4.00	416.49	14.67	-7.84	-2203.51	30.21	54.72
58990	48.28	0.55	4.00	398.19	21.99	-10.37	-2185.70	32.96	69.67
58991	49.67	0.55	4.00	382.05	30.13	-13.73	-2158.91	35.99	87.81
58992	51.07	0.55	4.00	368.43	38.38	-17.76	-2119.91	38.53	107.98
58993	52.46	0.55	4.00	356.88	45.63	-22.03	-2066.58	39.73	127.85
58994	53.85	0.55	4.00	345.96	50.93	-23.38	-1999.14	39.47	143.58
58995	24.60	1.65	4.00	634.74	-85.29	41.93	-2019.41	57.14	-25.51
58996	25.99	1.65	4.00	624.51	-81.04	36.12	-2046.88	64.57	-25.04
58997	27.38	1.65	4.00	617.55	-72.03	29.02	-2070.40	69.31	-21.78
58998	28.78	1.65	4.00	611.72	-60.54	21.10	-2088.53	71.06	-17.58
58999	30.17	1.65	4.00	604.97	-48.53	14.00	-2101.45	70.46	-13.45
59000	31.56	1.65	4.00	596.27	-37.29	8.29	-2110.01	68.74	-9.87
59001	32.96	1.65	4.00	585.51	-27.31	3.91	-2115.26	66.83	-6.90
59002	34.35	1.65	4.00	573.05	-18.59	0.56	-2118.09	65.21	-4.41
59003	35.74	1.65	4.00	559.35	-10.83	-2.11	-2119.15	64.03	-2.25
59004	37.14	1.65	4.00	544.86	-3.64	-4.38	-2118.80	63.31	-0.26

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]
59005	38.53	1.65	4.00	529.94	3.40	-6.45	-2117.24	63.02	1.64
59006	39.92	1.65	4.00	514.91	10.72	-8.53	-2114.49	63.14	3.52
59007	41.31	1.65	4.00	500.01	18.75	-10.81	-2110.40	63.68	5.43
59008	42.71	1.65	4.00	485.52	27.99	-13.51	-2104.67	64.71	7.41
59009	44.10	1.65	4.00	471.72	39.00	-16.94	-2096.77	66.35	9.51
59010	45.49	1.65	4.00	459.07	52.43	-21.48	-2085.88	68.77	11.78
59011	46.89	1.65	4.00	448.33	68.87	-27.67	-2070.83	72.05	14.37
59012	48.28	1.65	4.00	440.57	88.61	-36.10	-2049.99	75.95	17.45
59013	49.67	1.65	4.00	436.80	111.27	-47.19	-2021.33	79.51	21.14
59014	51.07	1.65	4.00	437.09	135.26	-60.43	-1982.86	80.92	25.28
59015	52.46	1.65	4.00	439.58	157.58	-74.13	-1933.43	78.57	29.50
59016	53.85	1.65	4.00	441.27	174.38	-83.59	-1873.46	73.17	33.63
59017	24.60	-1.65	3.00	587.11	-143.25	-172.85	-1786.09	-267.09	-125.12
59018	25.99	-1.65	3.00	605.59	-121.89	-146.46	-1819.02	-290.09	-107.16
59019	27.38	-1.65	3.00	614.77	-94.68	-114.26	-1840.86	-303.15	-85.29
59020	28.78	-1.65	3.00	617.71	-66.15	-82.01	-1852.87	-308.02	-62.93
59021	30.17	-1.65	3.00	615.48	-40.80	-54.71	-1858.00	-308.09	-43.53
59022	31.56	-1.65	3.00	608.61	-20.50	-33.24	-1859.36	-306.29	-28.09
59023	32.96	-1.65	3.00	597.62	-4.80	-16.75	-1859.05	-304.29	-16.05
59024	34.35	-1.65	3.00	583.30	7.60	-3.91	-1858.14	-302.73	-6.46
59025	35.74	-1.65	3.00	566.45	17.99	6.46	-1857.14	-301.76	1.53
59026	37.14	-1.65	3.00	547.78	27.38	15.32	-1856.29	-301.35	8.57
59027	38.53	-1.65	3.00	527.84	36.54	23.46	-1855.75	-301.53	15.14
59028	39.92	-1.65	3.00	507.05	46.09	31.57	-1855.67	-302.34	21.71
59029	41.31	-1.65	3.00	485.78	56.70	40.41	-1856.21	-303.90	28.74
59030	42.71	-1.65	3.00	464.34	69.18	50.88	-1857.55	-306.41	36.82
59031	44.10	-1.65	3.00	443.04	84.63	64.15	-1859.85	-310.08	46.75
59032	45.49	-1.65	3.00	422.11	104.66	81.77	-1863.14	-315.11	59.66
59033	46.89	-1.65	3.00	401.59	131.36	105.78	-1867.17	-321.43	77.10
59034	48.28	-1.65	3.00	380.94	166.98	138.42	-1871.01	-328.28	100.82
59035	49.67	-1.65	3.00	358.70	212.41	181.16	-1872.49	-333.41	131.90
59036	51.07	-1.65	3.00	332.85	264.48	232.20	-1868.43	-332.95	168.67
59037	52.46	-1.65	3.00	301.46	315.31	283.42	-1857.15	-323.04	204.96
59038	53.85	-1.65	3.00	263.21	355.81	322.93	-1839.63	-304.49	231.80
59039	24.60	-0.55	3.00	561.38	-9.42	17.67	-1683.78	-12.94	-54.97
59040	25.99	-0.55	3.00	583.90	-8.07	14.66	-1693.91	-13.52	-50.25
59041	27.38	-0.55	3.00	596.05	-4.68	11.05	-1700.75	-12.52	-43.02
59042	28.78	-0.55	3.00	599.61	0.19	7.84	-1704.61	-11.10	-34.63
59043	30.17	-0.55	3.00	596.64	5.22	5.21	-1705.98	-9.46	-26.17
59044	31.56	-0.55	3.00	588.80	9.54	3.20	-1705.65	-7.93	-18.49
59045	32.96	-0.55	3.00	577.30	12.94	1.67	-1704.38	-6.72	-11.92
59046	34.35	-0.55	3.00	563.06	15.66	0.47	-1702.71	-5.87	-6.38
59047	35.74	-0.55	3.00	546.79	18.07	-0.50	-1700.97	-5.33	-1.60
59048	37.14	-0.55	3.00	528.99	20.51	-1.32	-1699.31	-5.00	2.68
59049	38.53	-0.55	3.00	510.03	23.24	-2.07	-1697.83	-4.83	6.73
59050	39.92	-0.55	3.00	490.14	26.48	-2.80	-1696.57	-4.80	10.78
59051	41.31	-0.55	3.00	469.46	30.46	-3.60	-1695.57	-4.88	15.08
59052	42.71	-0.55	3.00	448.05	35.41	-4.54	-1694.83	-5.08	19.93
59053	44.10	-0.55	3.00	425.87	41.67	-5.72	-1694.31	-5.40	25.73
59054	45.49	-0.55	3.00	402.73	49.68	-7.28	-1693.82	-5.79	32.95
59055	46.89	-0.55	3.00	378.20	59.97	-9.40	-1692.96	-6.15	42.11
59056	48.28	-0.55	3.00	351.47	72.99	-12.29	-1690.98	-6.16	53.53
59057	49.67	-0.55	3.00	321.33	88.68	-16.15	-1686.97	-5.33	66.98
59058	51.07	-0.55	3.00	286.20	106.01	-20.95	-1680.29	-3.04	81.33
59059	52.46	-0.55	3.00	244.45	123.18	-25.86	-1671.20	0.82	94.76
59060	53.85	-0.55	3.00	194.56	138.71	-28.70	-1660.01	5.01	104.80
59061	24.60	0.55	3.00	536.79	95.59	-12.75	-1696.21	-9.55	-57.84
59062	25.99	0.55	3.00	559.16	84.83	-11.43	-1697.47	-6.93	-53.43
59063	27.38	0.55	3.00	571.86	72.57	-8.91	-1696.92	-3.91	-45.90
59064	28.78	0.55	3.00	576.27	60.03	-6.10	-1695.27	-1.87	-36.97
59065	30.17	0.55	3.00	574.26	48.38	-3.74	-1692.62	-0.82	-27.99
59066	31.56	0.55	3.00	567.48	38.33	-1.90	-1689.29	-0.44	-19.88
59067	32.96	0.55	3.00	557.29	30.07	-0.50	-1685.74	-0.40	-12.97
59068	34.35	0.55	3.00	544.72	23.38	0.59	-1682.32	-0.47	-7.19
59069	35.74	0.55	3.00	530.43	17.98	1.47	-1679.21	-0.55	-2.27
59070	37.14	0.55	3.00	514.86	13.59	2.23	-1676.47	-0.58	2.10
59071	38.53	0.55	3.00	498.30	9.96	2.94	-1674.10	-0.53	6.19
59072	39.92	0.55	3.00	480.92	6.88	3.67	-1672.09	-0.39	10.25
59073	41.31	0.55	3.00	462.76	4.11	4.48	-1670.42	-0.12	14.53
59074	42.71	0.55	3.00	443.81	1.35	5.44	-1669.02	0.34	19.31
59075	44.10	0.55	3.00	423.88	-1.83	6.66	-1667.80	1.08	24.96
59076	45.49	0.55	3.00	402.66	-5.98	8.25	-1666.50	2.25	31.94
59077	46.89	0.55	3.00	379.60	-11.79	10.39	-1664.61	3.97	40.72
59078	48.28	0.55	3.00	353.94	-19.83	13.28	-1661.27	6.26	51.63
59079	49.67	0.55	3.00	324.56	-30.04	17.16	-1655.25	8.89	64.44
59080	51.07	0.55	3.00	289.72	-41.18	22.04	-1645.45	11.41	78.09
59081	52.46	0.55	3.00	246.91	-51.05	27.50	-1631.59	13.66	91.01
59082	53.85	0.55	3.00	193.61	-57.86	32.83	-1613.73	14.37	101.07
59083	24.60	1.65	3.00	558.66	204.36	152.68	-1822.98	254.77	-119.89
59084	25.99	1.65	3.00	574.41	182.12	134.69	-1821.46	262.85	-108.39
59085	27.38	1.65	3.00	579.93	151.70	106.71	-1817.41	267.09	-88.31
59086	28.78	1.65	3.00	577.75	118.80	76.81	-1810.53	265.96	-66.05
59087	30.17	1.65	3.00	569.89	88.54	50.36	-1801.50	261.32	-45.96
59088	31.56	1.65	3.00	558.36	63.52	29.21	-1792.05	255.54	-29.71
59089	32.96	1.65	3.00	544.79	43.72	12.90	-1783.41	250.17	-17.07
59090	34.35	1.65	3.00	530.10	28.05	0.25	-1776.08	245.85	-7.14
59091	35.74	1.65	3.00	514.72	15.30	-9.94	-1770.12	242.71	0.99
59092	37.14	1.65	3.00	498.82	4.49	-18.64	-1765.42	240.66	8.04
59093	38.53	1.65	3.00	482.41	-5.15	-26.67	-1761.83	239.61	14.57
59094	39.92	1.65	3.00	465.44	-14.27	-34.75	-1759.23	239.47	21.06
59095	41.31	1.65	3.00	447.74	-23.53	-43.59	-1757.50	240.23	27.97
59096	42.71	1.65	3.00	429.01	-33.74	-54.06	-1756.59	241.97	35.83
59097	44.10	1.65	3.00	408.74	-46.01	-67.25	-1756.42	244.86	45.34
59098	45.49	1.65	3.00	386.22	-61.96	-84.64	-1756.78	249.12	57.49
59099	46.89	1.65	3.00	360.56	-83.74	-108.14	-1757.16	254.83	73.68
59100	48.28	1.65	3.00	330.94	-113.80	-140.04	-1756.22	261.47	95.60
59101	49.67	1.65	3.00	296.81	-153.40	-182.02	-1751.15	267.08	124.53
59102	51.07	1.65	3.00	257.71	-200.09	-233.25	-1737.65	267.83	159.46
59103	52.46	1.65	3.00	212.82	-246.92	-286.53	-1711.91	258.81	195.46

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]
59104	53.85	1.65	3.00	158.43	-286.25	-331.78	-1672.34	237.56	226.56
59105	24.56	2.50	4.00	597.43	-73.60	32.87	-1890.29	66.41	59.94
59106	25.96	2.50	4.00	586.22	-72.43	28.74	-1912.32	73.93	51.57
59107	27.35	2.50	4.00	579.97	-66.73	23.01	-1931.98	78.76	40.91
59108	28.75	2.50	4.00	576.24	-58.11	16.57	-1948.82	80.91	29.42
59109	30.15	2.50	4.00	572.59	-48.63	10.79	-1962.36	80.90	18.79
59110	31.54	2.50	4.00	567.59	-39.45	6.22	-1972.54	79.73	9.91
59111	32.94	2.50	4.00	560.78	-31.00	2.81	-1979.63	78.24	2.90
59112	34.34	2.50	4.00	552.32	-23.30	0.26	-1984.09	76.90	-2.51
59113	35.73	2.50	4.00	542.59	-16.14	-1.72	-1986.37	75.88	-6.72
59114	37.13	2.50	4.00	532.04	-9.26	-3.39	-1986.85	75.24	-10.18
59115	38.53	2.50	4.00	521.13	-2.42	-4.92	-1985.72	74.94	-13.28
59116	39.92	2.50	4.00	510.27	4.63	-6.48	-1983.02	74.95	-16.40
59117	41.32	2.50	4.00	499.83	12.09	-8.21	-1978.60	75.25	-19.97
59118	42.72	2.50	4.00	490.17	20.16	-10.26	-1972.11	75.81	-24.50
59119	44.11	2.50	4.00	481.64	29.08	-12.84	-1962.96	76.65	-30.63
59120	45.51	2.50	4.00	474.69	39.08	-16.22	-1950.36	77.81	-39.19
59121	46.91	2.50	4.00	469.92	50.39	-20.75	-1933.33	79.27	-51.08
59122	48.30	2.50	4.00	468.10	63.06	-26.86	-1910.86	80.85	-67.05
59123	49.70	2.50	4.00	469.92	76.77	-34.92	-1882.11	81.88	-87.22
59124	51.10	2.50	4.00	475.32	90.53	-44.59	-1846.78	80.95	-110.34
59125	52.49	2.50	4.00	482.34	102.19	-54.61	-1805.04	76.98	-133.21
59126	53.89	2.50	4.00	488.06	111.14	-61.25	-1757.51	71.22	-153.20
59127	24.49	3.10	4.00	580.54	13.90	-18.68	-1796.14	51.25	63.50
59128	25.90	3.10	4.00	567.32	3.71	-16.24	-1817.35	56.04	55.82
59129	27.30	3.10	4.00	559.39	-5.27	-12.57	-1836.29	59.46	44.94
59130	28.70	3.10	4.00	554.71	-12.85	-8.77	-1852.58	61.94	32.74
59131	30.11	3.10	4.00	551.42	-18.41	-5.31	-1865.90	63.45	21.33
59132	31.51	3.10	4.00	547.87	-21.96	-2.43	-1876.08	64.12	11.77
59133	32.91	3.10	4.00	543.22	-23.75	-0.10	-1883.33	64.26	4.26
59134	34.31	3.10	4.00	537.22	-24.12	1.74	-1888.00	64.14	-1.51
59135	35.72	3.10	4.00	530.06	-23.41	3.20	-1890.52	63.93	-6.02
59136	37.12	3.10	4.00	522.11	-21.95	4.40	-1891.22	63.75	-9.73
59137	38.52	3.10	4.00	513.82	-20.02	5.46	-1890.34	63.61	-13.07
59138	39.93	3.10	4.00	505.68	-17.94	6.50	-1887.95	63.49	-16.45
59139	41.33	3.10	4.00	498.12	-16.10	7.68	-1883.93	63.32	-20.27
59140	42.73	3.10	4.00	491.54	-14.97	9.20	-1878.01	63.00	-25.05
59141	44.14	3.10	4.00	486.32	-15.15	11.32	-1869.67	62.38	-31.38
59142	45.54	3.10	4.00	482.76	-17.43	14.41	-1858.23	61.35	-40.07
59143	46.94	3.10	4.00	481.13	-22.68	18.90	-1842.85	59.82	-51.95
59144	48.34	3.10	4.00	481.60	-31.74	25.21	-1822.67	57.82	-67.77
59145	49.75	3.10	4.00	484.25	-45.04	33.44	-1797.08	55.50	-87.60
59146	51.15	3.10	4.00	488.70	-62.18	43.03	-1766.02	53.03	-110.13
59147	52.55	3.10	4.00	494.05	-80.81	52.54	-1729.72	50.40	-132.50
59148	53.96	3.10	4.00	497.67	-98.80	62.26	-1688.40	48.63	-151.75
59149	24.56	2.50	3.00	533.58	77.69	164.06	-1289.84	413.05	100.15
59150	25.96	2.50	3.00	545.89	69.20	146.39	-1287.20	420.55	86.56
59151	27.35	2.50	3.00	551.94	59.61	115.98	-1286.50	424.94	68.10
59152	28.75	2.50	3.00	551.99	48.46	82.49	-1285.67	423.16	49.03
59153	30.15	2.50	3.00	546.85	38.02	53.10	-1284.07	417.19	31.55
59154	31.54	2.50	3.00	538.11	29.20	30.06	-1282.09	409.85	16.39
59155	32.94	2.50	3.00	527.29	22.02	12.70	-1280.01	402.96	3.76
59156	34.34	2.50	3.00	515.32	16.11	-0.49	-1277.93	397.29	-6.57
59157	35.73	2.50	3.00	502.65	11.11	-10.96	-1275.88	393.06	-15.12
59158	37.13	2.50	3.00	489.53	6.74	-19.87	-1273.87	390.21	-22.49
59159	38.53	2.50	3.00	476.05	2.82	-28.15	-1271.86	388.58	-29.30
59160	39.92	2.50	3.00	462.24	-0.79	-36.58	-1269.79	388.01	-36.20
59161	41.32	2.50	3.00	448.02	-4.22	-45.91	-1267.54	388.35	-43.91
59162	42.72	2.50	3.00	433.21	-7.63	-57.01	-1264.94	389.48	-53.25
59163	44.11	2.50	3.00	417.45	-11.26	-70.93	-1261.77	391.31	-65.26
59164	45.51	2.50	3.00	400.22	-15.50	-89.11	-1257.71	393.77	-81.11
59165	46.91	2.50	3.00	380.84	-20.97	-113.50	-1252.32	396.60	-102.02
59166	48.30	2.50	3.00	358.68	-28.43	-146.47	-1245.03	398.94	-128.83
59167	49.70	2.50	3.00	333.45	-38.40	-190.17	-1234.97	398.53	-161.60
59168	51.10	2.50	3.00	304.97	-50.48	-244.52	-1220.89	390.85	-199.23
59169	52.49	2.50	3.00	272.76	-61.96	-301.94	-1203.02	369.11	-237.49
59170	53.89	2.50	3.00	230.95	-74.50	-354.21	-1182.36	328.81	-268.05
59171	24.49	3.10	3.00	477.83	18.76	-112.43	-1086.17	147.99	114.63
59172	25.90	3.10	3.00	492.96	20.35	-93.28	-1085.87	148.54	101.08
59173	27.30	3.10	3.00	502.92	20.80	-71.51	-1085.11	152.23	81.29
59174	28.70	3.10	3.00	509.57	21.89	-49.55	-1084.83	156.44	59.69
59175	30.11	3.10	3.00	512.20	22.01	-30.30	-1084.35	159.44	39.78
59176	31.51	3.10	3.00	511.47	20.88	-14.28	-1083.81	161.14	22.64
59177	32.91	3.10	3.00	508.01	18.69	-1.38	-1083.21	161.75	8.52
59178	34.31	3.10	3.00	502.47	15.84	8.94	-1082.47	161.71	-2.97
59179	35.72	3.10	3.00	495.44	12.67	17.32	-1081.54	161.37	-12.46
59180	37.12	3.10	3.00	487.42	9.41	24.38	-1080.38	160.95	-20.67
59181	38.52	3.10	3.00	478.82	6.26	30.74	-1078.99	160.50	-28.30
59182	39.93	3.10	3.00	470.00	3.36	37.01	-1077.38	159.88	-36.02
59183	41.33	3.10	3.00	461.23	0.85	43.95	-1075.55	158.83	-44.56
59184	42.73	3.10	3.00	452.73	-1.04	52.50	-1073.47	156.92	-54.73
59185	44.14	3.10	3.00	444.62	-2.01	63.94	-1071.12	153.59	-67.53
59186	45.54	3.10	3.00	436.88	-1.57	79.96	-1068.42	148.16	-84.09
59187	46.94	3.10	3.00	429.20	0.97	102.65	-1065.28	139.92	-105.59
59188	48.34	3.10	3.00	420.70	6.45	134.18	-1061.61	128.38	-132.89
59189	49.75	3.10	3.00	409.77	15.24	175.42	-1057.23	113.70	-166.13
59190	51.15	3.10	3.00	394.77	26.60	224.11	-1052.09	96.18	-204.39
59191	52.55	3.10	3.00	372.38	37.19	272.55	-1048.50	75.70	-243.20
59192	53.96	3.10	3.00	338.90	49.79	308.43	-1049.52	47.05	-275.27
59193	24.33	3.95	4.00	548.74	38.20	-29.98	-1717.30	13.38	-7.98
59194	25.75	3.95	4.00	534.59	25.92	-26.39	-1742.21	16.54	-5.24
59195	27.17	3.95	4.00	526.38	12.80	-20.52	-1762.95	19.36	-2.94
59196	28.59	3.95	4.00	522.34	0.61	-14.25	-1778.98	22.20	-1.03
59197	30.01	3.95	4.00	520.76	-9.32	-8.59	-1790.64	24.80	0.49
59198	31.43	3.95	4.00	519.93	-16.51	-4.02	-1798.66	26.79	1.61
59199	32.84	3.95	4.00	518.65	-21.06	-0.51	-1803.87	28.10	2.41
59200	34.26	3.95	4.00	516.33	-23.43	2.14	-1806.96	28.86	2.97
59201	35.68	3.95	4.00	512.91	-24.12	4.20	-1808.43	29.26	3.37
59202	37.10	3.95	4.00	508.68	-23.67	5.88	-1808.63	29.44	3.66

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]
59203	38.52	3.95	4.00	504.13	-22.56	7.38	-1807.80	29.49	3.87
59204	39.93	3.95	4.00	499.78	-21.30	8.88	-1806.02	29.41	4.09
59205	41.35	3.95	4.00	496.16	-20.43	10.59	-1803.31	29.14	4.40
59206	42.77	3.95	4.00	493.72	-20.61	12.76	-1799.53	28.57	4.92
59207	44.19	3.95	4.00	492.84	-22.63	15.74	-1794.39	27.52	5.85
59208	45.61	3.95	4.00	493.71	-27.45	20.00	-1787.39	25.83	7.43
59209	47.02	3.95	4.00	496.32	-36.06	26.14	-1777.73	23.45	10.00
59210	48.44	3.95	4.00	500.38	-49.32	34.77	-1764.18	20.61	13.92
59211	49.86	3.95	4.00	505.43	-67.50	46.15	-1745.20	18.00	19.36
59212	51.28	3.95	4.00	510.94	-89.69	59.58	-1719.22	16.66	26.06
59213	52.70	3.95	4.00	516.22	-113.67	72.73	-1685.19	16.92	33.02
59214	54.12	3.95	4.00	518.97	-135.17	86.69	-1643.85	18.96	36.98
59215	24.08	5.05	4.00	496.69	1.62	-9.36	-1698.52	-10.44	-53.03
59216	25.52	5.05	4.00	483.80	-4.68	-8.47	-1728.80	-5.86	-44.93
59217	26.97	5.05	4.00	479.17	-9.91	-6.19	-1752.56	-2.26	-34.10
59218	28.41	5.05	4.00	479.93	-13.49	-3.83	-1768.93	0.49	-22.82
59219	29.85	5.05	4.00	483.33	-15.36	-1.84	-1778.89	2.44	-12.64
59220	31.29	5.05	4.00	487.34	-15.79	-0.37	-1784.16	3.68	-4.42
59221	32.73	5.05	4.00	490.66	-15.10	0.64	-1786.49	4.35	1.75
59222	34.18	5.05	4.00	492.71	-13.54	1.30	-1787.15	4.62	6.20
59223	35.62	5.05	4.00	493.49	-11.33	1.75	-1786.89	4.70	9.41
59224	37.06	5.05	4.00	493.36	-8.63	2.06	-1786.13	4.73	11.83
59225	38.50	5.05	4.00	492.88	-5.57	2.32	-1785.09	4.79	13.87
59226	39.95	5.05	4.00	492.68	-2.28	2.58	-1783.87	4.92	15.92
59227	41.39	5.05	4.00	493.34	1.16	2.91	-1782.48	5.12	18.42
59228	42.83	5.05	4.00	495.42	4.63	3.39	-1780.88	5.38	21.91
59229	44.27	5.05	4.00	499.36	8.04	4.13	-1778.83	5.67	27.07
59230	45.72	5.05	4.00	505.47	11.31	5.29	-1775.82	6.02	34.82
59231	47.16	5.05	4.00	513.89	14.38	7.08	-1770.73	6.50	46.21
59232	48.60	5.05	4.00	524.58	17.18	9.77	-1761.56	7.35	62.17
59233	50.04	5.05	4.00	537.21	19.60	13.54	-1745.35	8.97	82.94
59234	51.48	5.05	4.00	551.02	21.24	18.31	-1718.87	11.68	107.26
59235	52.93	5.05	4.00	564.01	21.27	23.08	-1679.96	14.90	132.16
59236	54.37	5.05	4.00	571.45	19.28	31.72	-1628.94	18.06	152.53
59237	23.83	6.15	4.00	437.37	-35.71	10.49	-1660.34	50.46	-62.42
59238	25.29	6.15	4.00	425.62	-37.11	8.91	-1695.04	60.78	-53.19
59239	26.76	6.15	4.00	427.18	-35.68	6.61	-1722.18	66.99	-39.50
59240	28.23	6.15	4.00	435.90	-31.46	4.35	-1740.24	69.48	-25.46
59241	29.69	6.15	4.00	446.73	-25.40	2.40	-1750.51	69.41	-13.32
59242	31.16	6.15	4.00	456.73	-18.65	0.88	-1755.27	68.13	-3.99
59243	32.63	6.15	4.00	464.73	-12.03	-0.26	-1756.76	66.53	2.65
59244	34.09	6.15	4.00	470.62	-5.90	-1.11	-1756.59	65.08	7.13
59245	35.56	6.15	4.00	474.81	-0.29	-1.74	-1755.73	63.99	10.10
59246	37.03	6.15	4.00	477.95	5.00	-2.23	-1754.70	63.35	12.13
59247	38.49	6.15	4.00	480.78	10.23	-2.65	-1753.70	63.18	13.70
59248	39.96	6.15	4.00	484.03	15.74	-3.06	-1752.77	63.51	15.27
59249	41.42	6.15	4.00	488.38	21.89	-3.52	-1751.82	64.41	17.27
59250	42.89	6.15	4.00	494.47	29.16	-4.12	-1750.65	65.96	20.25
59251	44.36	6.15	4.00	502.89	38.13	-4.96	-1748.82	68.32	24.93
59252	45.82	6.15	4.00	514.25	49.42	-6.21	-1745.52	71.71	32.21
59253	47.29	6.15	4.00	529.27	63.57	-8.07	-1739.24	76.31	43.23
59254	48.76	6.15	4.00	548.78	80.73	-10.77	-1727.51	82.11	59.09
59255	50.22	6.15	4.00	573.21	100.33	-14.53	-1706.74	88.50	80.42
59256	51.69	6.15	4.00	601.47	120.82	-19.26	-1672.95	93.88	106.52
59257	53.16	6.15	4.00	629.39	139.74	-25.06	-1623.31	95.79	135.20
59258	54.62	6.15	4.00	648.89	155.10	-24.67	-1557.65	93.18	161.82
59259	23.57	7.25	4.00	377.73	-97.84	40.54	-1368.66	205.18	-25.94
59260	25.07	7.25	4.00	363.45	-89.05	34.49	-1401.40	225.16	-20.87
59261	26.56	7.25	4.00	370.90	-73.76	24.75	-1428.10	237.45	-13.81
59262	28.05	7.25	4.00	388.64	-55.23	15.05	-1447.08	241.91	-7.21
59263	29.54	7.25	4.00	408.13	-36.86	7.23	-1459.02	241.26	-2.33
59264	31.03	7.25	4.00	425.00	-20.55	1.58	-1465.73	238.44	0.60
59265	32.52	7.25	4.00	438.12	-6.99	-2.27	-1469.10	235.28	2.03
59266	34.01	7.25	4.00	447.94	3.96	-4.85	-1470.55	232.62	2.47
59267	35.50	7.25	4.00	455.44	12.86	-6.58	-1471.00	230.73	2.32
59268	36.99	7.25	4.00	461.70	20.40	-7.79	-1470.96	229.66	1.88
59269	38.48	7.25	4.00	467.74	27.33	-8.76	-1470.60	229.39	1.32
59270	39.97	7.25	4.00	474.50	34.42	-9.71	-1469.91	229.90	0.75
59271	41.46	7.25	4.00	482.83	42.52	-10.89	-1468.65	231.21	0.27
59272	42.95	7.25	4.00	493.50	52.64	-12.59	-1466.40	233.38	-0.03
59273	44.44	7.25	4.00	507.31	66.03	-15.20	-1462.46	236.58	-0.02
59274	45.93	7.25	4.00	525.23	84.17	-19.23	-1455.82	240.98	0.52
59275	47.42	7.25	4.00	548.52	108.59	-25.42	-1444.98	246.70	1.93
59276	48.91	7.25	4.00	578.77	140.53	-34.69	-1427.85	253.39	4.71
59277	50.40	7.25	4.00	617.11	180.27	-48.05	-1401.83	259.47	9.41
59278	51.89	7.25	4.00	662.14	226.21	-65.77	-1364.36	261.46	16.08
59279	53.38	7.25	4.00	707.25	274.13	-86.67	-1314.11	254.98	24.19
59280	54.88	7.25	4.00	740.63	319.34	-101.28	-1251.59	240.60	34.21
59281	24.33	3.95	3.00	451.31	-37.63	-118.76	-1260.57	-9.14	-75.53
59282	25.75	3.95	3.00	469.70	-29.85	-101.36	-1260.84	-8.80	-62.96
59283	27.17	3.95	3.00	480.80	-14.66	-77.97	-1257.03	-5.88	-46.63
59284	28.59	3.95	3.00	487.92	2.79	-53.31	-1250.68	-1.01	-29.69
59285	30.01	3.95	3.00	491.61	17.56	-31.68	-1243.18	4.04	-15.11
59286	31.43	3.95	3.00	492.54	27.09	-14.31	-1235.97	8.27	-3.94
59287	32.84	3.95	3.00	491.14	31.51	-0.93	-1229.86	11.26	4.15
59288	34.26	3.95	3.00	487.89	32.09	9.32	-1224.98	13.15	9.93
59289	35.68	3.95	3.00	483.28	30.21	17.36	-1221.15	14.27	14.15
59290	37.10	3.95	3.00	477.74	27.02	24.00	-1218.17	14.84	17.41
59291	38.52	3.95	3.00	471.66	23.42	29.96	-1215.92	15.02	20.20
59292	39.93	3.95	3.00	465.36	20.18	35.94	-1214.41	14.76	23.01
59293	41.35	3.95	3.00	459.11	18.10	42.69	-1213.77	13.92	26.38
59294	42.77	3.95	3.00	453.11	18.15	51.15	-1214.26	12.20	31.00
59295	44.19	3.95	3.00	447.45	21.70	62.58	-1216.22	9.20	37.81
59296	45.61	3.95	3.00	442.03	30.71	78.65	-1220.02	4.42	48.12
59297	47.02	3.95	3.00	436.31	47.76	101.50	-1225.87	-2.55	63.71
59298	48.44	3.95	3.00	428.97	75.64	133.42	-1233.48	-11.64	86.55
59299	49.86	3.95	3.00	417.51	115.63	175.66	-1241.64	-21.74	117.82
59300	51.28	3.95	3.00	398.63	164.63	226.21	-1248.85	-30.95	155.85
59301	52.70	3.95	3.00	367.39	215.55	277.61	-1255.75	-37.45	194.64



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]
59302	54.12	3.95	3.00	318.73	259.33	318.49	-1264.11	-45.21	224.73
59303	24.08	5.05	3.00	460.94	29.47	11.74	-1278.79	-1.77	-37.71
59304	25.52	5.05	3.00	476.14	22.74	9.25	-1272.02	2.92	-32.15
59305	26.97	5.05	3.00	481.57	21.94	6.96	-1265.80	6.68	-24.30
59306	28.41	5.05	3.00	481.40	23.76	4.76	-1260.11	9.20	-16.02
59307	29.85	5.05	3.00	478.56	25.51	2.95	-1254.54	10.85	-8.46
59308	31.29	5.05	3.00	474.63	25.48	1.49	-1249.12	11.78	-2.38
59309	32.73	5.05	3.00	470.29	23.29	0.31	-1244.12	12.20	2.09
59310	34.18	5.05	3.00	465.78	19.32	-0.66	-1239.71	12.29	5.19
59311	35.62	5.05	3.00	461.14	14.27	-1.48	-1235.96	12.24	7.30
59312	37.06	5.05	3.00	456.39	8.73	-2.20	-1232.87	12.19	8.79
59313	38.50	5.05	3.00	451.48	3.21	-2.86	-1230.44	12.23	9.99
59314	39.95	5.05	3.00	446.38	-1.93	-3.52	-1228.64	12.38	11.20
59315	41.39	5.05	3.00	440.94	-6.38	-4.24	-1227.48	12.67	12.78
59316	42.83	5.05	3.00	434.91	-9.76	-5.07	-1226.91	13.10	15.14
59317	44.27	5.05	3.00	427.78	-11.60	-6.11	-1226.82	13.69	18.84
59318	45.72	5.05	3.00	418.64	-11.22	-7.48	-1226.96	14.48	24.57
59319	47.16	5.05	3.00	406.03	-7.79	-9.31	-1226.79	15.57	33.16
59320	48.60	5.05	3.00	387.67	-0.57	-11.77	-1225.36	17.20	45.29
59321	50.04	5.05	3.00	360.45	10.54	-15.00	-1221.51	19.65	61.02
59322	51.48	5.05	3.00	320.40	24.62	-19.14	-1214.52	23.13	79.32
59323	52.93	5.05	3.00	263.04	40.17	-23.08	-1204.71	27.11	98.02
59324	54.37	5.05	3.00	184.93	54.68	-25.61	-1192.40	28.16	114.54
59325	23.83	6.15	3.00	454.58	95.31	-12.92	-1312.71	5.90	-43.93
59326	25.29	6.15	3.00	464.17	78.72	-11.41	-1303.15	14.00	-37.58
59327	26.76	6.15	3.00	466.09	63.91	-7.81	-1296.40	19.49	-28.52
59328	28.23	6.15	3.00	463.63	50.16	-4.44	-1290.88	22.03	-18.99
59329	29.69	6.15	3.00	459.30	37.72	-1.85	-1285.54	22.42	-10.41
59330	31.16	6.15	3.00	454.59	26.55	-0.09	-1280.09	21.69	-3.57
59331	32.63	6.15	3.00	450.23	16.49	1.05	-1274.72	20.58	1.40
59332	34.09	6.15	3.00	446.40	7.35	1.78	-1269.74	19.54	4.81
59333	35.56	6.15	3.00	443.01	-0.99	2.22	-1265.41	18.74	7.08
59334	37.03	6.15	3.00	439.93	-8.63	2.52	-1261.90	18.27	8.63
59335	38.49	6.15	3.00	437.00	-15.69	2.74	-1259.29	18.17	9.84
59336	39.96	6.15	3.00	434.05	-22.38	2.97	-1257.59	18.48	11.02
59337	41.42	6.15	3.00	430.81	-28.99	3.29	-1256.73	19.26	12.53
59338	42.89	6.15	3.00	426.85	-35.94	3.78	-1256.55	20.60	14.77
59339	44.36	6.15	3.00	421.45	-43.82	4.55	-1256.70	22.66	18.28
59340	45.82	6.15	3.00	413.46	-53.41	5.77	-1256.58	25.66	23.75
59341	47.29	6.15	3.00	401.16	-65.71	7.66	-1255.09	29.83	31.99
59342	48.76	6.15	3.00	382.14	-81.74	10.54	-1250.55	35.22	43.68
59343	50.22	6.15	3.00	353.26	-101.98	14.85	-1240.63	41.38	58.95
59344	51.69	6.15	3.00	310.32	-125.41	20.79	-1222.82	47.22	76.89
59345	53.16	6.15	3.00	248.06	-148.91	28.55	-1195.39	51.56	95.68
59346	54.62	6.15	3.00	161.08	-169.55	36.76	-1159.23	50.78	113.71
59347	23.57	7.25	3.00	462.94	191.87	145.16	-1584.21	559.79	-117.78
59348	25.07	7.25	3.00	463.87	162.03	121.33	-1591.52	592.73	-97.96
59349	26.56	7.25	3.00	460.50	123.34	86.21	-1595.08	610.93	-69.60
59350	28.05	7.25	3.00	454.27	84.39	51.90	-1592.39	615.75	-41.68
59351	29.54	7.25	3.00	446.12	51.28	24.53	-1585.20	612.43	-19.51
59352	31.03	7.25	3.00	438.08	25.62	4.81	-1576.16	606.10	-3.84
59353	32.52	7.25	3.00	431.23	6.39	-8.78	-1567.07	599.57	6.55
59354	34.01	7.25	3.00	425.78	-8.03	-17.96	-1558.91	594.11	13.19
59355	35.50	7.25	3.00	421.56	-19.08	-24.19	-1552.26	590.15	17.35
59356	36.99	7.25	3.00	418.29	-27.90	-28.64	-1547.40	587.76	20.04
59357	38.48	7.25	3.00	415.68	-35.44	-32.23	-1544.45	586.92	22.00
59358	39.97	7.25	3.00	413.39	-42.60	-35.80	-1543.36	587.55	23.89
59359	41.46	7.25	3.00	410.98	-50.40	-40.21	-1544.00	589.65	26.36
59360	42.95	7.25	3.00	407.77	-60.13	-46.48	-1546.10	593.26	30.18
59361	44.44	7.25	3.00	402.74	-73.58	-55.96	-1549.17	598.46	36.39
59362	45.93	7.25	3.00	394.43	-93.32	-70.46	-1552.36	605.36	46.45
59363	47.42	7.25	3.00	380.88	-122.84	-92.46	-1554.09	613.80	62.43
59364	48.91	7.25	3.00	359.85	-166.42	-125.19	-1551.42	622.78	87.05
59365	50.40	7.25	3.00	329.26	-227.66	-172.25	-1539.01	629.13	123.19
59366	51.89	7.25	3.00	287.18	-305.96	-235.74	-1508.33	626.02	171.80
59367	53.38	7.25	3.00	229.90	-392.70	-310.02	-1449.49	603.60	228.10
59368	54.88	7.25	3.00	148.49	-474.15	-383.10	-1357.45	553.38	286.00
59369	55.11	8.10	4.00	778.57	270.72	-68.57	-784.61	379.62	-185.36
59370	55.32	8.70	4.00	765.38	79.44	131.23	-289.53	499.86	-151.64
59371	53.60	8.10	4.00	744.65	225.73	-57.32	-825.61	405.56	-156.00
59372	53.79	8.70	4.00	744.87	64.29	111.64	-303.89	539.46	-124.91
59373	52.08	8.10	4.00	694.43	183.31	-41.48	-861.94	422.86	-126.12
59374	52.26	8.70	4.00	698.89	52.22	90.98	-317.30	566.40	-99.42
59375	50.57	8.10	4.00	642.58	143.29	-28.45	-893.06	430.06	-98.26
59376	50.72	8.70	4.00	648.30	41.14	70.86	-330.61	585.67	-75.81
59377	49.06	8.10	4.00	597.36	109.86	-19.17	-917.60	431.31	-75.18
59378	49.19	8.70	4.00	602.82	31.81	53.87	-341.89	599.52	-56.58
59379	47.55	8.10	4.00	560.82	83.93	-13.23	-935.61	430.22	-57.46
59380	47.66	8.70	4.00	564.98	24.52	40.93	-350.56	609.41	-42.28
59381	46.03	8.10	4.00	531.94	64.79	-9.52	-948.09	428.51	-44.55
59382	46.12	8.70	4.00	534.10	19.03	31.75	-356.79	616.15	-32.22
59383	44.52	8.10	4.00	509.15	51.06	-7.24	-956.30	426.75	-35.45
59384	44.59	8.70	4.00	509.02	14.98	25.50	-360.97	620.31	-25.38
59385	43.01	8.10	4.00	491.12	41.30	-5.89	-961.37	425.15	-29.09
59386	43.06	8.70	4.00	488.64	11.99	21.24	-363.59	622.48	-20.79
59387	41.49	8.10	4.00	476.80	34.22	-5.13	-964.28	423.80	-24.50
59388	41.52	8.70	4.00	472.04	9.71	18.22	-365.09	623.26	-17.65
59389	39.98	8.10	4.00	465.33	28.76	-4.72	-965.74	422.79	-20.95
59390	39.99	8.70	4.00	458.41	7.88	15.86	-365.80	623.15	-15.33
59391	38.47	8.10	4.00	455.82	24.07	-4.50	-966.20	422.22	-17.84
59392	38.46	8.70	4.00	446.90	6.25	13.73	-365.95	622.55	-13.37
59393	36.96	8.10	4.00	447.32	19.42	-4.29	-965.93	422.20	-14.71
59394	36.93	8.70	4.00	436.57	4.65	11.48	-365.67	621.71	-11.37
59395	35.44	8.10	4.00	438.75	14.17	-3.95	-964.99	422.79	-11.11
59396	35.39	8.70	4.00	426.30	2.89	8.84	-364.98	620.77	-8.98
59397	33.93	8.10	4.00	428.89	7.64	-3.26	-963.20	424.04	-6.66
59398	33.86	8.70	4.00	414.83	0.78	5.53	-363.80	619.69	-5.84
59399	32.42	8.10	4.00	416.37	-0.88	-1.90	-960.17	425.82	-0.97
59400	32.33	8.70	4.00	400.73	-1.87	1.34	-361.96	618.21	-1.56

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]
59401	30.91	8.10	4.00	399.91	-12.01	0.59	-955.21	427.73	6.27
59402	30.79	8.70	4.00	382.75	-5.27	-3.82	-359.18	615.60	4.23
59403	29.39	8.10	4.00	378.91	-26.18	4.91	-947.44	428.67	15.12
59404	29.26	8.70	4.00	360.52	-9.56	-9.67	-355.11	610.41	11.80
59405	27.88	8.10	4.00	354.84	-43.18	11.76	-935.88	426.23	25.21
59406	27.73	8.70	4.00	336.10	-14.77	-15.58	-349.43	600.01	21.00
59407	26.37	8.10	4.00	333.64	-61.46	20.93	-920.05	416.83	35.58
59408	26.19	8.70	4.00	316.69	-20.39	-20.57	-342.17	581.09	30.86
59409	24.85	8.10	4.00	326.81	-77.41	30.66	-900.78	397.44	44.13
59410	24.66	8.70	4.00	315.88	-25.49	-23.46	-334.14	550.86	39.31
59411	23.34	8.10	4.00	349.33	-88.88	36.69	-878.87	368.48	49.46
59412	23.13	8.70	4.00	352.27	-30.14	-24.02	-325.43	508.56	44.30
59413	55.11	8.10	3.00	281.95	-165.78	-431.15	-725.55	1137.46	-207.16
59414	55.32	8.70	3.00	424.94	-27.05	433.87	-210.95	1280.59	-257.85
59415	53.60	8.10	3.00	332.95	-132.99	-336.34	-779.82	1249.05	-179.77
59416	53.79	8.70	3.00	458.82	-24.82	387.26	-224.26	1408.41	-215.66
59417	52.08	8.10	3.00	360.90	-99.42	-246.67	-819.92	1312.18	-149.18
59418	52.26	8.70	3.00	469.62	-17.27	322.02	-237.33	1493.21	-174.41
59419	50.57	8.10	3.00	380.33	-69.13	-172.48	-845.34	1339.96	-121.67
59420	50.72	8.70	3.00	469.03	-11.90	256.61	-248.70	1552.54	-136.94
59421	49.06	8.10	3.00	394.66	-46.22	-120.29	-860.14	1348.76	-97.77
59422	49.19	8.70	3.00	464.61	-7.53	200.19	-256.81	1593.64	-106.55
59423	47.55	8.10	3.00	403.89	-31.05	-85.76	-868.35	1349.20	-77.95
59424	47.66	8.70	3.00	456.99	-4.78	155.78	-262.68	1621.81	-82.84
59425	46.03	8.10	3.00	408.69	-21.78	-63.44	-872.64	1346.25	-62.46
59426	46.12	8.70	3.00	448.03	-3.15	123.45	-266.74	1639.78	-65.21
59427	44.52	8.10	3.00	410.44	-16.35	-49.28	-874.61	1342.17	-50.86
59428	44.59	8.70	3.00	439.09	-2.25	100.70	-269.36	1650.21	-52.52
59429	43.01	8.10	3.00	410.44	-13.23	-40.49	-875.32	1338.06	-42.28
59430	43.06	8.70	3.00	430.91	-1.75	84.69	-270.96	1655.37	-43.49
59431	41.49	8.10	3.00	409.74	-11.37	-35.18	-875.54	1334.56	-35.81
59432	41.52	8.70	3.00	423.87	-1.46	72.94	-271.89	1657.15	-36.94
59433	39.98	8.10	3.00	409.04	-10.13	-31.95	-875.75	1332.15	-30.62
59434	39.99	8.70	3.00	418.04	-1.24	63.47	-272.43	1657.01	-31.87
59435	38.47	8.10	3.00	408.77	-9.04	-29.77	-876.30	1331.17	-26.02
59436	38.46	8.70	3.00	413.34	-1.03	54.79	-272.74	1656.01	-27.50
59437	36.96	8.10	3.00	409.16	-7.78	-27.73	-877.35	1331.92	-21.44
59438	36.93	8.70	3.00	409.52	-0.77	45.70	-272.92	1654.84	-23.15
59439	35.44	8.10	3.00	410.32	-6.05	-24.89	-878.94	1334.60	-16.35
59440	35.39	8.70	3.00	406.24	-0.42	35.17	-272.99	1653.78	-18.18
59441	33.93	8.10	3.00	412.25	-3.48	-20.14	-880.98	1339.24	-10.30
59442	33.86	8.70	3.00	403.05	0.10	22.25	-272.88	1652.71	-11.97
59443	32.42	8.10	3.00	414.91	0.39	-11.94	-883.22	1345.58	-2.88
59444	32.33	8.70	3.00	399.35	0.87	6.25	-272.48	1650.96	-3.88
59445	30.91	8.10	3.00	418.06	6.22	1.91	-885.28	1352.69	6.06
59446	30.79	8.70	3.00	394.45	2.04	-12.94	-271.68	1647.02	6.64
59447	29.39	8.10	3.00	421.04	14.89	24.43	-886.62	1358.31	16.22
59448	29.26	8.70	3.00	387.56	3.79	-34.13	-270.50	1638.09	19.85
59449	27.88	8.10	3.00	422.32	26.98	59.00	-886.42	1357.65	26.69
59450	27.73	8.70	3.00	378.06	6.27	-54.03	-269.15	1619.59	35.31
59451	26.37	8.10	3.00	420.17	41.54	105.54	-883.54	1341.93	36.38
59452	26.19	8.70	3.00	365.73	8.81	-69.71	-267.67	1584.17	52.12
59453	24.85	8.10	3.00	417.17	55.76	154.33	-877.55	1302.12	44.96
59454	24.66	8.70	3.00	358.20	12.22	-77.81	-268.06	1527.29	66.86
59455	23.34	8.10	3.00	419.93	66.67	189.30	-873.91	1238.39	47.81
59456	23.13	8.70	3.00	363.01	11.92	-76.36	-270.71	1448.28	76.01
59457	56.72	-8.70	4.00	-85.15	-72.18	-91.88	-288.84	-437.20	-129.62
59458	57.97	-8.70	4.00	67.94	-65.68	-93.51	-258.03	-345.20	-111.33
59459	59.22	-8.70	4.00	285.63	-43.86	-84.52	-235.23	-308.38	-84.82
59460	60.48	-8.70	4.00	474.91	-47.14	-68.19	-219.26	-318.88	-60.24
59461	61.73	-8.70	4.00	676.11	32.78	-125.59	-360.17	-458.27	-27.75
59462	56.48	-8.10	4.00	-121.05	-239.17	81.58	-782.57	-331.77	-154.47
59463	57.72	-8.10	4.00	-5.24	-223.16	64.56	-708.16	-255.56	-140.37
59464	58.96	-8.10	4.00	174.11	-174.05	25.09	-638.37	-224.82	-122.62
59465	60.19	-8.10	4.00	334.58	-106.40	18.75	-612.14	-225.88	-99.77
59466	61.43	-8.10	4.00	272.20	-36.80	-177.47	-638.85	-346.55	-114.64
59467	56.69	-8.70	3.00	68.33	23.56	-332.14	-261.19	-1286.09	-218.68
59468	57.88	-8.70	3.00	179.47	21.48	-327.64	-253.87	-1095.53	-186.69
59469	59.08	-8.70	3.00	364.58	18.91	-288.06	-249.98	-980.56	-132.49
59470	60.28	-8.70	3.00	572.86	-29.78	-262.62	-209.21	-940.65	-93.37
59471	61.47	-8.70	3.00	989.15	117.58	-166.67	-316.03	-934.62	37.50
59472	56.46	-8.10	3.00	174.03	166.41	424.98	-837.49	-1139.47	-163.28
59473	57.64	-8.10	3.00	237.69	158.24	357.48	-786.00	-953.39	-148.42
59474	58.82	-8.10	3.00	347.67	121.50	199.42	-733.65	-833.45	-126.97
59475	60.00	-8.10	3.00	496.80	58.04	22.97	-677.06	-798.96	-119.84
59476	61.18	-8.10	3.00	640.50	108.45	-153.63	-563.34	-746.68	-53.76
59477	55.40	-3.95	4.00	66.96	131.16	-79.23	-1550.37	-22.54	36.16
59478	55.67	-5.05	4.00	11.12	1.80	-23.21	-1540.94	3.38	146.93
59479	55.94	-6.15	4.00	-55.14	-116.27	31.01	-1510.40	-54.21	157.49
59480	56.22	-7.25	4.00	-114.19	-272.36	105.67	-1234.13	-193.50	43.87
59481	56.56	-3.95	4.00	45.06	141.61	-81.06	-1447.13	-24.37	50.12
59482	56.83	-5.06	4.00	5.64	-3.93	-22.75	-1421.44	6.69	155.68
59483	57.12	-6.16	4.00	-29.49	-126.57	28.48	-1372.75	-32.31	154.48
59484	57.43	-7.26	4.00	-42.58	-266.76	92.16	-1111.06	-139.30	38.30
59485	57.71	-3.96	4.00	9.45	110.93	-90.67	-1350.37	-48.29	65.57
59486	57.99	-5.07	4.00	8.61	-54.18	-28.10	-1307.59	-17.50	144.56
59487	58.30	-6.17	4.00	25.22	-161.90	14.86	-1242.67	-44.52	109.26
59488	58.64	-7.26	4.00	81.33	-239.60	52.89	-997.48	-125.88	0.31
59489	58.86	-3.96	4.00	-95.91	32.59	-24.02	-1268.09	-94.51	125.53
59490	59.14	-5.08	4.00	-50.09	-159.45	50.38	-1205.50	-67.56	145.38
59491	59.47	-6.18	4.00	28.27	-216.41	77.93	-1137.68	-80.59	55.01
59492	59.85	-7.26	4.00	168.83	-194.81	68.05	-925.00	-139.31	-45.16
59493	60.02	-3.96	4.00	-550.80	-218.35	-320.22	-1165.25	-374.88	11.10
59494	60.30	-5.08	4.00	-404.11	-340.93	-225.72	-1088.95	-273.30	-6.87
59495	60.65	-6.19	4.00	-241.00	-325.88	-184.76	-1026.11	-236.46	-90.50
59496	61.06	-7.27	4.00	-16.32	-199.47	-183.64	-864.39	-273.82	-147.17
59497	55.38	-3.95	3.00	53.52	-194.63	-307.42	-1194.69	-11.56	214.13
59498	55.64	-5.05	3.00	150.82	6.00	30.18	-1239.26	-2.95	108.43
59499	55.92	-6.15	3.00	179.92	208.69	-28.35	-1284.80	-13.53	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]
59500	56.20	-7.25	3.00	241.82	474.24	365.47	-1539.26	-530.56	281.81
59501	56.48	-3.95	3.00	-8.77	-196.77	-312.30	-1177.63	-20.21	224.51
59502	56.75	-5.06	3.00	102.63	20.33	29.08	-1228.16	-0.92	112.92
59503	57.04	-6.16	3.00	161.66	222.04	-25.85	-1259.88	-0.67	115.42
59504	57.35	-7.26	3.00	262.52	463.37	326.87	-1446.08	-433.14	259.77
59505	57.58	-3.96	3.00	-63.05	-192.56	-298.29	-1157.29	-37.92	236.40
59506	57.86	-5.07	3.00	75.67	21.86	23.28	-1216.26	-11.89	117.35
59507	58.16	-6.17	3.00	179.28	203.01	-17.13	-1230.93	-8.11	96.86
59508	58.51	-7.26	3.00	314.47	370.54	217.47	-1360.87	-376.95	170.86
59509	58.68	-3.96	3.00	-70.92	-256.14	-282.57	-1137.64	-125.08	251.14
59510	58.96	-5.08	3.00	136.93	7.72	62.88	-1183.01	-89.14	55.22
59511	59.29	-6.18	3.00	275.65	149.95	23.90	-1168.43	-66.31	10.00
59512	59.66	-7.26	3.00	415.33	236.99	102.28	-1259.79	-384.08	12.49
59513	59.79	-3.96	3.00	209.64	-230.26	-337.21	-1092.18	-346.57	371.41
59514	60.07	-5.08	3.00	478.04	-92.29	-44.62	-1087.91	-264.10	183.12
59515	60.41	-6.19	3.00	614.04	-1.32	-41.18	-984.48	-239.39	90.88
59516	60.82	-7.27	3.00	616.75	89.46	-57.87	-947.84	-455.80	-23.71
59517	55.16	-2.50	4.00	95.96	-132.95	64.80	-1719.41	-75.05	-151.83
59518	55.23	-3.10	4.00	90.35	79.57	-57.89	-1626.74	-61.89	-149.47
59519	56.31	-2.50	4.00	65.52	-104.90	50.35	-1618.80	-64.47	-150.04
59520	56.38	-3.10	4.00	62.60	102.60	-66.26	-1530.79	-59.79	-138.57
59521	57.46	-2.50	4.00	-3.45	-65.42	14.37	-1520.31	-90.43	-147.47
59522	57.54	-3.10	4.00	4.72	111.21	-86.69	-1437.88	-83.46	-116.81
59523	58.60	-2.50	4.00	-178.68	-22.63	43.37	-1440.36	-101.74	-101.25
59524	58.69	-3.10	4.00	-139.22	102.41	-42.57	-1367.75	-111.10	-39.34
59525	59.75	-2.50	4.00	-700.70	-184.12	-375.20	-1365.68	-406.97	-139.49
59526	59.84	-3.10	4.00	-649.07	-139.13	-388.11	-1289.72	-430.58	-79.28
59527	55.13	-2.50	3.00	168.33	120.19	349.74	-1256.43	-462.36	-259.52
59528	55.21	-3.10	3.00	62.65	-15.81	-307.94	-1024.22	-193.83	-268.71
59529	56.23	-2.50	3.00	94.26	105.88	283.56	-1240.19	-444.20	-258.20
59530	56.31	-3.10	3.00	-3.89	-25.37	-341.64	-1009.03	-196.71	-246.25
59531	57.33	-2.50	3.00	12.81	76.86	159.37	-1224.13	-477.67	-237.55
59532	57.41	-3.10	3.00	-71.57	-37.88	-365.55	-981.72	-226.79	-190.98
59533	58.43	-2.50	3.00	-108.18	54.90	14.29	-1232.74	-590.47	-203.63
59534	58.51	-3.10	3.00	-146.94	-97.51	-428.72	-977.26	-326.74	-96.24
59535	59.52	-2.50	3.00	-169.34	-36.66	-360.93	-1172.62	-629.41	21.34
59536	59.61	-3.10	3.00	-48.78	-115.27	-572.59	-968.95	-503.46	160.34
59537	55.12	1.65	4.00	405.08	178.59	-98.34	-1776.55	54.37	37.61
59538	55.11	0.55	4.00	306.69	47.52	-28.70	-1892.18	33.34	153.44
59539	55.11	-0.55	4.00	210.74	-60.02	26.51	-1927.67	-17.40	149.87
59540	55.12	-1.65	4.00	130.22	-192.59	87.58	-1838.94	-62.20	36.40
59541	56.26	1.65	4.00	336.22	166.17	-99.73	-1645.18	21.73	44.55
59542	56.24	0.55	4.00	242.89	29.30	-27.39	-1750.02	18.38	156.29
59543	56.24	-0.55	4.00	157.59	-72.51	25.28	-1794.07	-16.89	140.54
59544	56.26	-1.65	4.00	90.86	-181.69	76.98	-1721.19	-51.59	24.08
59545	57.39	1.65	4.00	181.04	122.25	-111.76	-1520.12	-34.78	59.19
59546	57.36	0.55	4.00	109.86	-27.12	-34.91	-1612.50	-30.12	146.87
59547	57.36	-0.55	4.00	44.66	-109.96	12.51	-1664.13	-57.71	101.90
59548	57.39	-1.65	4.00	3.14	-162.74	46.45	-1606.85	-84.03	-13.46
59549	58.53	1.65	4.00	-104.05	82.08	-22.79	-1396.38	-82.60	136.29
59550	58.48	0.55	4.00	-146.02	-110.87	69.96	-1477.29	-70.31	176.46
59551	58.48	-0.55	4.00	-188.33	-166.07	107.97	-1539.18	-85.60	84.45
59552	58.53	-1.65	4.00	-202.43	-145.66	101.83	-1502.16	-98.10	-29.60
59553	59.66	1.65	4.00	-858.99	-91.83	-426.54	-1200.96	-455.47	101.62
59554	59.61	0.55	4.00	-801.26	-254.25	-330.42	-1300.54	-368.66	69.41
59555	59.61	-0.55	4.00	-770.34	-298.56	-299.52	-1400.91	-340.72	-42.46
59556	59.66	-1.65	4.00	-744.37	-266.96	-330.58	-1407.00	-368.09	-135.08
59557	55.09	1.65	3.00	89.85	-309.99	-369.13	-1601.79	193.45	250.23
59558	55.09	0.55	3.00	124.41	-55.92	35.11	-1582.23	12.73	107.27
59559	55.09	-0.55	3.00	123.96	154.02	-30.03	-1641.48	10.37	109.55
59560	55.09	-1.65	3.00	203.63	376.75	337.33	-1813.58	-276.77	239.75
59561	56.18	1.65	3.00	-33.39	-310.94	-381.14	-1497.63	121.12	258.40
59562	56.16	0.55	3.00	0.85	-44.04	33.34	-1534.96	-0.54	106.01
59563	56.16	-0.55	3.00	11.91	161.77	-29.52	-1617.31	6.40	102.78
59564	56.18	-1.65	3.00	110.36	357.80	300.26	-1791.98	-261.99	209.86
59565	57.27	1.65	3.00	-171.11	-291.12	-372.02	-1390.81	48.67	268.89
59566	57.23	0.55	3.00	-124.10	-26.70	26.19	-1486.21	-21.29	111.74
59567	57.23	-0.55	3.00	-96.83	165.07	-24.57	-1593.98	-13.71	90.50
59568	57.27	-1.65	3.00	9.16	300.44	218.67	-1792.27	-286.32	145.10
59569	58.35	1.65	3.00	-293.07	-304.09	-346.00	-1320.68	-98.46	311.22
59570	58.31	0.55	3.00	-181.08	-0.33	96.39	-1440.34	-131.67	68.26
59571	58.31	-0.55	3.00	-162.11	163.04	48.16	-1547.85	-107.06	17.40
59572	58.35	-1.65	3.00	-105.10	265.27	170.08	-1788.04	-384.30	29.26
59573	59.44	1.65	3.00	-138.18	-118.60	-474.34	-1318.41	-359.06	517.54
59574	59.38	0.55	3.00	40.75	20.57	-125.10	-1478.96	-288.27	304.84
59575	59.38	-0.55	3.00	78.06	47.10	-161.47	-1528.81	-243.54	225.59
59576	59.44	-1.65	3.00	-52.36	47.57	-174.88	-1614.07	-441.93	137.06
59577	55.23	3.10	4.00	457.66	-120.65	55.77	-1621.16	34.77	-165.77
59578	55.16	2.50	4.00	452.17	108.66	-77.78	-1680.17	49.86	-165.40
59579	56.38	3.10	4.00	382.09	-131.08	48.52	-1530.83	3.64	-167.26
59580	56.31	2.50	4.00	380.43	98.87	-83.18	-1573.83	11.13	-161.41
59581	57.54	3.10	4.00	193.85	-118.00	17.05	-1436.56	-61.07	-160.85
59582	57.46	2.50	4.00	206.59	86.61	-104.36	-1467.62	-50.90	-140.36
59583	58.69	3.10	4.00	-168.19	-48.85	67.54	-1332.10	-85.91	-119.73
59584	58.60	2.50	4.00	-116.54	116.62	-42.48	-1363.60	-91.21	-60.59
59585	59.84	3.10	4.00	-984.49	-85.96	-457.37	-1147.49	-462.36	-54.85
59586	59.75	2.50	4.00	-923.57	-8.93	-488.38	-1183.06	-495.19	2.10
59587	55.21	3.10	3.00	283.40	60.07	311.12	-1052.64	-9.84	-298.40
59588	55.13	2.50	3.00	167.99	-83.73	-406.97	-1146.08	249.11	-284.33
59589	56.31	3.10	3.00	162.16	55.66	267.43	-1059.97	-115.65	-300.70
59590	56.23	2.50	3.00	50.68	-88.02	-439.43	-1091.70	121.65	-274.60
59591	57.41	3.10	3.00	3.79	42.35	171.94	-1075.61	-263.61	-281.03
59592	57.33	2.50	3.00	-97.76	-91.68	-459.32	-1027.75	-20.77	-231.58
59593	58.51	3.10	3.00	-242.23	90.58	44.66	-1115.44	-489.10	-227.03
59594	58.43	2.50	3.00	-297.44	-93.69	-526.84	-1000.18	-225.45	-122.19
59595	59.61	3.10	3.00	-446.33	101.55	-444.19	-1116.30	-604.46	62.45
59596	59.52	2.50	3.00	-334.62	-5.85	-746.72	-1020.04	-494.86	224.64
59597	56.22	7.25	4.00	669.68	346.89	-134.52	-1142.08	191.53	46.33
59598	55.94	6.15	4.00	581.99	152.30	-39.74	-1442.18	72.66	186.20

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]
59599	55.67	5.05	4.00	510.91	0.67	25.24	-1540.66	12.36	167.62
59600	55.40	3.95	4.00	469.11	-165.18	83.08	-1573.72	12.18	38.97
59601	57.43	7.26	4.00	494.62	350.16	-142.15	-1001.75	108.35	63.80
59602	57.12	6.16	4.00	437.91	132.62	-39.40	-1292.90	31.77	204.18
59603	56.83	5.06	4.00	395.23	-26.15	26.99	-1429.08	-7.61	170.78
59604	56.56	3.95	4.00	379.10	-185.34	78.72	-1485.13	-9.65	34.70
59605	58.64	7.26	4.00	96.91	289.43	-154.82	-859.92	-8.86	98.56
59606	58.30	6.17	4.00	116.14	57.81	-48.68	-1136.74	-52.70	215.07
59607	57.99	5.07	4.00	130.27	-81.44	13.90	-1307.87	-75.31	154.06
59608	57.71	3.96	4.00	161.11	-191.71	52.30	-1388.54	-75.58	13.65
59609	59.85	7.26	4.00	-544.76	205.10	-16.35	-681.67	-69.21	172.99
59610	59.47	6.18	4.00	-407.61	-48.12	99.26	-944.19	-84.12	235.49
59611	59.14	5.08	4.00	-324.01	-143.97	144.95	-1148.45	-96.73	133.23
59612	58.86	3.96	4.00	-243.76	-167.01	137.45	-1262.14	-95.51	-8.29
59613	61.06	7.27	4.00	-1733.30	-212.11	-655.22	-308.41	-622.10	350.83
59614	60.65	6.19	4.00	-1409.43	-324.22	-496.43	-550.65	-506.47	282.21
59615	60.30	5.08	4.00	-1213.36	-293.30	-411.81	-823.19	-435.67	120.08
59616	60.02	3.96	4.00	-1079.80	-209.64	-413.02	-1026.29	-431.26	-17.25
59617	56.20	7.25	3.00	40.08	-533.95	-459.52	-1205.52	446.28	341.04
59618	55.92	6.15	3.00	62.91	-175.26	38.01	-1108.22	40.35	130.39
59619	55.64	5.05	3.00	95.93	76.52	-31.00	-1183.03	24.12	127.71
59620	55.38	3.95	3.00	254.40	294.75	334.03	-1286.95	-64.46	240.84
59621	57.35	7.26	3.00	-207.81	-556.80	-503.37	-981.65	278.14	381.01
59622	57.04	6.16	3.00	-162.10	-166.38	35.99	-1028.26	7.16	144.32
59623	56.75	5.06	3.00	-97.07	94.45	-33.46	-1170.43	2.32	132.62
59624	56.48	3.95	3.00	103.51	298.74	310.74	-1330.44	-113.87	227.86
59625	58.51	7.26	3.00	-528.56	-513.15	-500.62	-757.42	102.67	398.27
59626	58.16	6.17	3.00	-424.08	-123.78	31.16	-952.71	-32.19	154.65
59627	57.86	5.07	3.00	-316.97	130.43	-31.62	-1167.53	-30.57	128.80
59628	57.58	3.96	3.00	-82.68	287.26	248.39	-1410.39	-196.01	185.87
59629	59.66	7.26	3.00	-914.29	-447.69	-427.41	-606.69	-159.00	474.16
59630	59.29	6.18	3.00	-653.77	-51.65	132.58	-896.10	-180.36	160.45
59631	58.96	5.08	3.00	-514.50	180.88	71.35	-1132.93	-157.28	95.51
59632	58.68	3.96	3.00	-318.60	341.11	234.44	-1469.42	-361.60	106.96
59633	60.82	7.27	3.00	-984.05	-234.56	-695.78	-612.24	-432.70	652.13
59634	60.41	6.19	3.00	-584.69	88.81	-228.85	-950.45	-311.42	380.81
59635	60.07	5.08	3.00	-405.20	222.16	-242.44	-1165.06	-264.49	294.81
59636	59.79	3.96	3.00	-397.37	264.56	-219.53	-1395.97	-430.42	224.48
59637	56.72	8.70	4.00	677.91	88.53	119.79	-267.67	429.62	-171.80
59638	56.48	8.10	4.00	700.43	301.41	-103.12	-715.46	311.45	-203.69
59639	57.97	8.70	4.00	434.20	94.24	114.64	-236.87	296.48	-166.41
59640	57.72	8.10	4.00	491.96	311.16	-112.38	-629.78	196.55	-196.84
59641	59.22	8.70	4.00	-127.36	88.98	68.08	-219.09	126.31	-141.60
59642	58.96	8.10	4.00	17.80	281.28	-136.14	-539.56	52.17	-154.25
59643	60.48	8.70	4.00	-1034.71	144.06	108.16	-136.01	-56.45	-101.23
59644	60.19	8.10	4.00	-763.98	269.25	-44.16	-411.09	-44.55	-60.75
59645	61.73	8.70	4.00	-2746.32	-186.01	-809.62	-169.13	-774.60	130.68
59646	61.43	8.10	4.00	-2148.63	-148.02	-763.28	-189.10	-688.00	251.61
59647	56.69	8.70	3.00	331.37	-25.49	438.46	-193.48	1072.87	-292.37
59648	56.46	8.10	3.00	177.65	-189.34	-538.15	-638.76	925.76	-221.93
59649	57.88	8.70	3.00	64.11	-29.94	404.20	-156.57	743.20	-291.96
59650	57.64	8.10	3.00	-76.18	-198.81	-603.73	-507.59	608.08	-214.55
59651	59.08	8.70	3.00	-373.58	-32.21	289.26	-136.96	346.01	-267.71
59652	58.82	8.10	3.00	-457.22	-187.48	-629.00	-372.71	261.92	-181.42
59653	60.28	8.70	3.00	-1045.83	16.02	3.15	-99.68	-209.82	-154.69
59654	60.00	8.10	3.00	-1027.50	-158.25	-687.19	-284.77	-168.14	-28.89
59655	61.47	8.70	3.00	-1878.57	-156.62	-1007.18	-321.18	-629.59	126.12
59656	61.18	8.10	3.00	-1397.58	-203.55	-1105.00	-350.12	-582.50	326.85