

# SITO DI INTERESSE NAZIONALE AREA EX SI.TO.CO COMUNE DI ORBETELLO (GR) (Parte Privata)

## PROPRIETA' LAGUNA AZZURRA s.r.l.

via Nomentana n° 305 - Roma



### INTERVENTO DI RISANAMENTO AMBIENTALE DELL'AREA EX SI.TO.CO DI ORBETELLO SCALO

#### ATTIVITA' DI BONIFICA - ADB

ZONA	GEN	ELABORATO	REL	SERIE	LAV
GENERALE	GEN	RELAZIONI	REL	LAVORI	LAV

**DESCRIZIONE:** BONIFICA DELL'ACQUICLUDO SUPERFICIALE MEDIANTE MARGINAMENTO FISICO  
E PROGETTO PRELIMINARE DI BONIFICA DELLA FALDA PROFONDA MEDIANTE BARRIERA IDRAULICA DINAMICA

Tabulati di calcolo: Sezione B-B

<b>REDATTO DA:</b> martino associati srl Dott. Ing. Francesco MARTINO Via Paglialunga, 3 58100 - Grosseto tel 0564.411024 fax 0564.418962 studio@martinoassociati.net		Consulenza Geologica: Dott. Geol. Carlo Meoni Via Macchiavelli, 42 56038 - Ponsacco (PI) tel 0587.730312 fax 0587.733933 c.meoni@studiointergeo.it	SCALA -	TAVOLA Allegato a: ADB.GEN.REL.LAV.004.01
	NOME	DATA	FIRMA	
ELABORATO	Martino	08/2009		
APPROVATO				
Rev. N°	Note			DATA
1	Rimodulazione soluzioni progettuali			09/2009



COORDINAMENTO PROGETTAZIONE:



Società Cooperativa Muratori Sterratori Ed Affini

UFFICIO PROGETTI: 51010 Massa e Cozzile (PT) loc. Traversagna Via U. Foscolo, 7 Tel. 0572/9161 Telefax 0572/771791

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element effective stresses

Step : 34

Page : 1

Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
1	1 Sabbia	1	32,067	2,192	-49,248	-113,356	1,138	-48,781	Elastic
		2	32,767	2,192	-49,237	-113,331	0,286	-48,770	Elastic
		3	32,767	2,767	-48,347	-106,588	0,292	-46,480	Elastic
	2 Sabbia	4	32,067	4,108	-45,891	-91,033	1,023	-41,077	Elastic
		5	32,767	3,533	-46,985	-97,656	0,253	-43,392	Elastic
		6	32,767	4,108	-45,823	-91,007	0,253	-41,049	Elastic
	3 Sabbia	7	13,826	2,499	-57,717	-139,068	3,179	-59,036	Elastic
		8	13,682	2,125	-60,593	-142,483	3,060	-60,923	Elastic
		9	14,382	2,125	-60,639	-142,589	3,985	-60,968	Elastic
	4 Sabbia	10	9,433	2,767	-56,009	-132,178	-0,444	-56,456	Elastic
		11	9,433	2,192	-59,051	-138,158	-0,413	-59,163	Elastic
		12	10,133	2,192	-59,415	-139,008	-0,209	-59,527	Elastic
	5 Sabbia	13	6,820	2,767	-55,862	-129,584	-0,458	-55,634	Elastic
		14	6,680	2,192	-58,216	-135,648	-0,410	-58,159	Elastic
		15	7,380	2,192	-58,425	-136,134	-0,515	-58,368	Elastic
	6 Sabbia	16	16,439	2,671	-55,985	-136,630	6,683	-57,784	Elastic
		17	16,435	2,168	-59,879	-141,218	6,857	-60,329	Elastic
		18	17,135	2,168	-59,661	-140,708	7,796	-60,111	Elastic
	7 Sabbia	19	19,233	2,767	-53,951	-132,860	10,418	-56,043	Elastic
		20	19,233	2,192	-58,410	-138,032	10,802	-58,933	Elastic
		21	19,933	2,192	-57,878	-136,791	11,757	-58,401	Elastic
	8 Sabbia	22	22,033	2,767	-52,995	-123,935	13,399	-53,079	Elastic
		23	22,033	2,192	-55,482	-129,528	13,675	-55,503	Elastic
		24	22,733	2,192	-54,132	-126,378	13,714	-54,153	Elastic
	9 Sabbia	25	24,833	2,767	-51,435	-112,607	10,737	-49,213	Elastic
		26	24,833	2,192	-51,988	-119,453	11,292	-51,432	Elastic
		27	25,533	2,192	-51,250	-117,731	10,278	-50,694	Elastic
	10 Sabbia	28	27,332	2,747	-49,706	-108,905	7,134	-47,583	Elastic
		29	26,508	2,187	-50,614	-116,331	8,588	-50,084	Elastic
		30	27,208	2,187	-50,339	-115,688	7,593	-49,808	Elastic
	11	31	29,261	2,631	-49,072	-109,001	4,576	-47,422	Elastic

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Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Sabbia	32	29,090	2,158	-49,722	-114,643	4,968	-49,310	Elastic
		33	29,790	2,158	-49,591	-114,336	4,052	-49,178	Elastic
	12 Sabbia	34	30,471	3,638	-47,036	-96,776	2,857	-43,144	Elastic
		35	31,143	4,135	-45,934	-90,871	1,981	-41,042	Elastic
		36	30,443	4,135	-46,037	-91,050	2,745	-41,126	Elastic
	13 Sabbia	37	30,005	3,638	-47,157	-96,921	3,361	-43,223	Elastic
		38	29,976	4,135	-46,147	-91,191	3,252	-41,201	Elastic
		39	29,276	4,135	-46,371	-91,430	4,025	-41,340	Elastic
	14 Sabbia	40	27,799	3,514	-48,242	-99,456	6,020	-44,309	Elastic
		41	28,375	4,103	-46,791	-92,202	5,006	-41,698	Elastic
		42	27,675	4,103	-47,067	-92,677	5,822	-41,923	Elastic
	15 Sabbia	43	5,933	4,108	-50,052	-114,546	-0,360	-49,380	Elastic
		44	5,233	4,108	-49,950	-114,425	-0,082	-49,313	Elastic
		45	5,233	3,533	-52,523	-120,649	-0,059	-51,952	Elastic
	16 Sabbia	46	5,933	2,192	-58,084	-135,240	-0,219	-57,997	Elastic
		47	5,233	2,767	-55,751	-128,929	-0,085	-55,404	Elastic
		48	5,233	2,192	-58,039	-135,136	-0,061	-57,953	Elastic
	17 Sabbia	49	24,367	3,533	-50,474	-104,614	11,006	-46,526	Elastic
		50	24,367	4,108	-48,861	-97,481	10,860	-43,903	Elastic
		51	23,667	4,108	-48,506	-99,859	12,332	-44,509	Elastic
	18 Sabbia	52	12,515	2,125	-60,425	-141,987	1,629	-60,724	Elastic
53		13,215	2,125	-60,576	-142,338	2,466	-60,874	Elastic	
54		13,360	2,499	-57,841	-138,942	2,566	-59,035	Elastic	
19 Sabbia	55	22,033	3,533	-48,866	-115,411	13,534	-49,283	Elastic	
	56	22,733	4,108	-48,118	-105,405	13,816	-46,057	Elastic	
	57	22,033	4,108	-46,518	-109,895	14,188	-46,924	Elastic	
20 Sabbia	58	8,267	2,192	-58,564	-136,839	-0,616	-58,621	Elastic	
	59	8,967	2,192	-58,911	-137,647	-0,513	-58,967	Elastic	
	60	8,967	2,767	-56,158	-131,791	-0,534	-56,385	Elastic	
21 Sabbia	61	5,513	2,958	-54,953	-126,864	-0,142	-54,545	Elastic	
	62	6,213	2,383	-57,409	-133,344	-0,330	-57,226	Elastic	

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		63	6,353	2,958	-55,013	-127,265	-0,377	-54,683	Elastic
	22	64	21,567	3,533	-48,756	-118,481	13,321	-50,171	Elastic
	Sabbia	65	21,567	4,108	-45,705	-112,664	13,687	-47,511	Elastic
		66	20,867	4,108	-45,040	-116,555	12,493	-48,478	Elastic
	23	67	15,268	2,168	-60,187	-141,963	5,266	-60,645	Elastic
	Sabbia	68	15,968	2,168	-60,000	-141,527	6,221	-60,458	Elastic
		69	15,972	2,671	-56,063	-136,920	6,032	-57,895	Elastic
	24	70	18,767	3,533	-48,665	-126,659	9,255	-52,597	Elastic
	Sabbia	71	18,767	4,108	-44,679	-121,361	8,902	-49,812	Elastic
		72	18,067	4,108	-44,892	-122,135	7,945	-50,108	Elastic
	25	73	18,067	2,192	-59,103	-139,687	9,159	-59,637	Elastic
	Sabbia	74	18,767	2,192	-58,701	-138,750	10,135	-59,235	Elastic
		75	18,767	2,767	-54,185	-133,553	9,680	-56,321	Elastic
	26	76	20,867	2,192	-57,265	-134,345	13,115	-57,483	Elastic
	Sabbia	77	21,567	2,192	-56,006	-131,409	13,513	-56,224	Elastic
		78	21,567	2,767	-52,484	-125,372	13,187	-53,357	Elastic
	27	79	23,667	2,192	-53,376	-122,888	12,877	-52,879	Elastic
	Sabbia	80	24,367	2,192	-52,443	-120,709	11,969	-51,946	Elastic
		81	24,367	2,767	-51,583	-113,732	11,521	-49,595	Elastic
	28	82	14,600	3,728	-48,511	-127,858	3,758	-52,911	Elastic
	Sabbia	83	14,575	4,157	-45,572	-124,006	3,435	-50,873	Elastic
		84	13,875	4,157	-46,179	-123,990	2,385	-51,051	Elastic
	29	85	28,375	2,187	-49,909	-114,713	5,950	-49,387	Elastic
	Sabbia	86	27,799	2,747	-49,466	-108,459	6,447	-47,377	Elastic
		87	27,675	2,187	-50,150	-115,275	6,929	-49,628	Elastic
	30	88	28,089	2,905	-49,050	-106,402	5,998	-46,636	Elastic
	Sabbia	89	28,665	2,344	-49,657	-112,688	5,460	-48,703	Elastic
		90	28,835	2,817	-48,883	-106,994	5,056	-46,763	Elastic
	31	91	8,967	3,533	-52,229	-123,670	-0,728	-52,770	Elastic
	Sabbia	92	8,967	4,108	-49,451	-117,762	-0,962	-50,164	Elastic
		93	8,267	4,108	-49,734	-116,760	-0,934	-49,948	Elastic

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Step : 34

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Cluster	Soil	Stress	X	Y	$\sigma'_{xx}$	$\sigma'_{yy}$	$\sigma'_{xy}$	$\sigma'_{zz}$	Status
	Element	Point	[m]	[m]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	
32	Sabbia	94	6,820	3,533	-52,637	-121,392	-0,511	-52,209	Elastic
		95	7,380	4,108	-49,827	-115,639	-0,814	-49,640	Elastic
		96	6,680	4,108	-50,048	-115,107	-0,583	-49,546	Elastic
33	Sabbia	97	26,508	4,103	-47,756	-93,577	7,286	-42,400	Elastic
		98	27,332	3,514	-48,464	-99,810	6,561	-44,482	Elastic
		99	27,208	4,103	-47,278	-93,016	6,381	-42,088	Elastic
34	Sabbia	100	12,047	3,687	-50,203	-126,643	0,636	-53,054	Elastic
		101	12,887	4,147	-46,692	-123,320	1,180	-51,004	Elastic
		102	12,187	4,147	-47,228	-122,356	0,432	-50,875	Elastic
35	Sabbia	103	11,580	3,687	-50,344	-125,959	0,297	-52,891	Elastic
		104	11,720	4,147	-47,576	-121,715	0,061	-50,787	Elastic
		105	11,020	4,147	-48,215	-120,693	-0,426	-50,672	Elastic
36	Sabbia	106	9,433	3,533	-52,233	-124,466	-0,646	-53,010	Elastic
		107	10,133	4,108	-48,706	-119,498	-0,759	-50,461	Elastic
		108	9,433	4,108	-49,193	-118,446	-0,921	-50,292	Elastic
37	Sabbia	109	25,533	4,108	-48,297	-94,675	8,617	-42,892	Elastic
		110	24,833	4,108	-48,739	-96,154	9,782	-43,468	Elastic
		111	24,833	3,533	-50,089	-103,176	10,285	-45,979	Elastic
38	Sabbia	112	15,066	3,728	-48,410	-127,827	4,378	-52,871	Elastic
		113	15,742	4,157	-45,173	-123,559	5,171	-50,620	Elastic
		114	15,042	4,157	-45,361	-123,908	4,177	-50,781	Elastic
39	Sabbia	115	30,471	2,872	-48,396	-105,724	3,003	-46,236	Elastic
		116	30,443	2,218	-49,368	-113,393	3,194	-48,828	Elastic
		117	31,143	2,218	-49,286	-113,202	2,327	-48,746	Elastic
40	Sabbia	118	16,439	3,438	-50,219	-129,516	6,335	-53,920	Elastic
		119	17,135	4,084	-45,354	-122,943	6,885	-50,489	Elastic
		120	16,435	4,084	-45,504	-123,540	6,098	-50,713	Elastic
41	Sabbia	121	19,233	3,533	-48,286	-125,870	9,835	-52,247	Elastic
		122	19,933	4,108	-44,949	-119,654	10,945	-49,381	Elastic
		123	19,233	4,108	-44,712	-120,749	9,630	-49,638	Elastic
42		124	6,213	3,917	-50,932	-116,877	-0,417	-50,342	Elastic

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Project description : SEZIONE (E-E)

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Output : E.034 - Soil element effective stresses

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Sabbia	125	5,513	3,342	-53,320	-122,714	-0,169	-52,810	Elastic
		126	6,353	3,342	-53,393	-123,148	-0,394	-52,962	Elastic
	43 Sabbia	127	31,376	2,601	-48,693	-108,670	1,964	-47,209	Elastic
		128	31,376	3,751	-46,665	-95,272	1,810	-42,581	Elastic
		129	30,705	3,255	-47,708	-101,171	2,664	-44,664	Elastic
		44 Sabbia	130	26,275	3,720	-48,727	-98,422	7,814	-44,145
	131		26,275	2,570	-50,488	-112,168	8,760	-48,797	Elastic
		132	27,099	3,130	-49,255	-104,445	7,166	-46,110	Elastic
		45 Sabbia	133	10,367	3,725	-50,896	-123,912	-0,471	-52,442
	134		9,667	3,150	-54,069	-128,636	-0,491	-54,812	Elastic
		135	10,367	2,575	-57,083	-135,285	-0,118	-57,710	Elastic
		46 Sabbia	136	14,648	3,086	-53,252	-133,722	4,071	-56,092
	137		14,068	2,739	-55,948	-136,985	3,403	-57,880	Elastic
		138	14,623	2,365	-58,671	-140,301	4,294	-59,692	Elastic
		47 Sabbia	139	22,967	3,725	-48,976	-108,071	13,300	-47,114
140	22,267		3,150	-50,998	-118,388	13,437	-50,816	Elastic	
	141	22,967	2,575	-53,361	-121,748	13,284	-52,532	Elastic	
	48 Sabbia	142	28,665	3,878	-47,163	-94,730	4,806	-42,568	Elastic
143		28,089	3,288	-48,436	-101,880	5,764	-45,095	Elastic	
	144	28,835	3,201	-48,259	-102,515	4,908	-45,232	Elastic	
	49 Sabbia	145	20,167	3,725	-46,930	-121,979	11,273	-50,673	Elastic
146		19,467	3,150	-51,054	-129,199	10,507	-54,076	Elastic	
	147	20,167	2,575	-54,927	-132,671	11,911	-56,279	Elastic	
	50 Sabbia	148	25,767	3,725	-49,025	-99,086	8,619	-44,433	Elastic
149		25,067	3,150	-50,539	-107,139	10,155	-47,304	Elastic	
	150	25,767	2,575	-50,901	-112,881	9,465	-49,135	Elastic	
	51 Sabbia	151	30,061	3,029	-48,202	-103,989	3,479	-45,657	Elastic
152		29,504	2,848	-48,652	-106,321	4,216	-46,492	Elastic	
	153	30,033	2,376	-49,248	-111,689	3,668	-48,281	Elastic	
	52 Sabbia	154	17,368	3,701	-47,996	-126,356	7,322	-52,306	Elastic
155		16,672	3,055	-53,007	-132,909	6,803	-55,775	Elastic	

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Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		156	17,368	2,551	-56,611	-137,004	7,941	-58,085	Elastic
	53	157	7,613	3,725	-51,689	-120,128	-0,732	-51,545	Elastic
	Sabbia	158	7,053	3,150	-54,258	-125,628	-0,528	-53,966	Elastic
		159	7,613	2,575	-56,748	-132,204	-0,576	-56,686	Elastic
	54	160	12,187	2,613	-56,963	-137,055	1,220	-58,205	Elastic
	Sabbia	161	12,887	3,763	-49,285	-126,824	1,481	-52,833	Elastic
		162	12,047	3,303	-52,602	-130,335	0,812	-54,881	Elastic
	55	163	13,835	3,123	-53,198	-133,359	2,910	-55,967	Elastic
	Sabbia	164	14,415	3,470	-50,527	-130,369	3,580	-54,269	Elastic
		165	13,690	3,898	-47,815	-126,128	2,381	-52,183	Elastic
	56	166	15,980	3,295	-51,385	-131,213	5,831	-54,780	Elastic
	Sabbia	167	15,976	3,942	-46,637	-125,224	5,567	-51,558	Elastic
		168	15,301	3,513	-49,975	-129,717	4,818	-53,907	Elastic
	57	169	13,215	3,658	-49,642	-128,107	1,903	-53,325	Elastic
	Sabbia	170	12,515	2,508	-57,839	-138,317	1,615	-58,847	Elastic
		171	13,360	2,882	-55,098	-135,374	2,420	-57,142	Elastic
	58	172	8,033	3,725	-51,479	-120,484	-0,799	-51,589	Elastic
	Sabbia	173	8,033	2,575	-56,958	-132,741	-0,591	-56,910	Elastic
		174	8,733	3,150	-54,180	-127,383	-0,654	-54,469	Elastic
	59	175	15,068	3,129	-52,820	-133,204	4,652	-55,807	Elastic
	Sabbia	176	15,043	2,408	-58,300	-139,805	4,836	-59,431	Elastic
		177	15,747	2,912	-54,317	-134,947	5,663	-56,779	Elastic
	60	178	17,833	3,725	-47,712	-125,776	7,878	-52,047	Elastic
	Sabbia	179	17,833	2,575	-56,162	-136,353	8,527	-57,755	Elastic
		180	18,533	3,150	-51,532	-130,446	9,158	-54,593	Elastic
	61	181	20,633	3,725	-47,384	-120,748	12,147	-50,439	Elastic
	Sabbia	182	20,633	2,575	-54,194	-130,931	12,418	-55,538	Elastic
		183	21,333	3,150	-50,702	-123,344	13,026	-52,214	Elastic
	62	184	23,433	3,725	-49,892	-106,300	12,592	-46,858	Elastic
	Sabbia	185	23,433	2,575	-52,425	-119,182	12,927	-51,482	Elastic
		186	24,133	3,150	-51,019	-109,741	11,659	-48,228	Elastic

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	63 Sabbia	187	29,270	3,232	-48,081	-101,950	4,381	-45,009	Elastic	
		188	29,828	3,413	-47,628	-99,592	3,649	-44,166	Elastic	
		189	29,100	3,909	-46,899	-94,126	4,289	-42,307	Elastic	
	64 Sabbia	190	31,833	3,725	-46,667	-95,508	1,297	-42,653	Elastic	
		191	31,833	2,575	-48,693	-108,905	1,418	-47,279	Elastic	
		192	32,533	3,150	-47,710	-102,113	0,544	-44,947	Elastic	
	65 Sabbia	193	11,020	2,230	-59,278	-139,523	0,338	-59,640	Elastic	
		194	11,720	2,230	-59,618	-140,318	0,889	-59,981	Elastic	
		195	11,580	2,920	-55,139	-133,490	0,586	-56,589	Elastic	
	66 Sabbia	196	10,787	2,613	-57,100	-135,627	0,114	-57,818	Elastic	
		197	11,347	3,303	-52,786	-129,427	0,293	-54,664	Elastic	
		198	10,787	3,763	-50,286	-123,986	-0,299	-52,282	Elastic	
	2	67 Argilla	199	32,781	7,800	-36,667	-58,638	0,169	-28,592	Elastic
			200	32,781	8,550	-35,255	-52,321	0,163	-26,273	Elastic
			201	32,125	8,550	-35,311	-52,328	0,655	-26,292	Elastic
68 Argilla		202	30,710	7,812	-36,823	-58,818	1,850	-28,692	Elastic	
		203	31,279	8,553	-35,374	-52,393	1,269	-26,330	Elastic	
		204	30,623	8,553	-35,499	-52,562	1,790	-26,418	Elastic	
69 Argilla		205	30,272	7,812	-36,867	-58,920	2,203	-28,736	Elastic	
		206	30,185	8,553	-35,575	-52,675	2,150	-26,475	Elastic	
		207	29,529	8,553	-35,718	-52,869	2,691	-26,576	Elastic	
70 Argilla		208	28,005	8,190	-36,605	-56,689	4,125	-27,988	Elastic	
		209	28,634	8,648	-35,700	-52,403	3,429	-26,431	Elastic	
		210	27,978	8,648	-35,892	-52,809	4,069	-26,610	Elastic	
71 Argilla		211	27,568	8,190	-36,625	-56,949	4,521	-28,072	Elastic	
		212	27,540	8,648	-35,929	-53,073	4,486	-26,701	Elastic	
		213	26,884	8,648	-35,977	-53,503	5,145	-26,844	Elastic	
72 Argilla	214	25,130	8,287	-36,236	-57,744	7,101	-28,194	Elastic		
	215	25,946	8,672	-35,862	-54,010	6,129	-26,962	Elastic		
	216	25,290	8,672	-35,788	-54,407	6,852	-27,059	Elastic		
73	217	23,224	7,414	-38,723	-74,170	13,086	-33,868	Elastic		



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	Argilla	218	22,681	7,353	-21,503	-31,753	8,407	-15,977	Elastic
		219	22,681	7,153	-23,033	-28,632	5,734	-15,500	Elastic
	74 Argilla	220	22,028	6,888	-30,706	-83,191	13,487	-34,169	PLASTIC
		221	22,382	7,022	-62,598	-119,758	33,417	-54,707	PLASTIC
		222	22,382	7,222	-39,621	-106,336	14,265	-43,787	PLASTIC
	75 Argilla	223	24,692	8,287	-35,805	-57,715	7,747	-28,056	Elastic
		224	24,853	8,672	-35,945	-54,455	7,433	-27,120	Elastic
		225	24,196	8,672	-37,414	-54,323	8,346	-27,521	Elastic
	76 Argilla	226	22,719	7,867	-35,615	-44,964	10,691	-24,174	Elastic
		227	23,375	8,567	-39,633	-54,887	9,051	-28,356	Elastic
		228	22,719	8,567	-42,637	-49,237	7,306	-27,562	Elastic
	77 Argilla	229	19,784	8,123	-28,258	-80,535	11,174	-32,638	PLASTIC
		230	19,633	8,631	-26,857	-76,178	11,500	-30,910	PLASTIC
		231	18,960	8,631	-26,214	-77,358	9,625	-31,071	PLASTIC
	78 Argilla	232	16,794	8,236	-27,091	-83,764	5,485	-33,257	PLASTIC
		233	16,867	8,659	-25,559	-79,810	5,629	-31,611	PLASTIC
		234	16,194	8,659	-25,496	-80,502	4,294	-31,800	PLASTIC
	79 Argilla	235	14,222	8,001	-27,671	-86,984	0,730	-34,397	PLASTIC
		236	14,204	8,600	-25,220	-80,946	0,703	-31,850	PLASTIC
		237	13,531	8,600	-24,916	-80,219	-0,347	-31,541	PLASTIC
	80 Argilla	238	11,957	8,151	-27,239	-80,528	-2,308	-32,330	Elastic
		239	12,629	8,638	-24,193	-77,439	-1,862	-30,490	Elastic
		240	11,956	8,638	-24,680	-75,495	-2,646	-30,053	Elastic
	81 Argilla	241	8,616	7,928	-30,699	-74,219	-2,409	-31,475	Elastic
242		8,765	8,582	-27,091	-67,048	-2,823	-28,242	Elastic	
243		8,092	8,582	-27,393	-65,627	-2,385	-27,906	Elastic	
82 Argilla	244	5,224	7,800	-32,041	-71,940	-0,133	-31,194	Elastic	
	245	5,897	8,550	-27,970	-63,286	-0,746	-27,377	Elastic	
	246	5,224	8,550	-27,869	-63,148	-0,170	-27,305	Elastic	
83 Argilla	247	6,952	7,887	-31,461	-71,992	-1,381	-31,036	Elastic	
	248	7,339	8,572	-27,641	-64,430	-1,919	-27,621	Elastic	

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		249	6,666	8,572	-27,809	-63,684	-1,292	-27,448	Elastic
	84	250	9,065	7,928	-30,493	-75,322	-2,594	-31,745	Elastic
	Argilla	251	9,886	8,582	-26,283	-69,833	-3,268	-28,835	Elastic
		252	9,213	8,582	-26,894	-68,101	-3,089	-28,499	Elastic
	85	253	11,508	8,151	-27,567	-79,187	-2,599	-32,026	Elastic
	Argilla	254	11,507	8,638	-24,779	-74,057	-2,970	-29,651	Elastic
		255	10,834	8,638	-25,471	-72,063	-3,241	-29,260	Elastic
	86	256	14,670	8,001	-27,625	-86,801	1,313	-34,328	PLASTIC
	Argilla	257	15,326	8,600	-25,618	-81,505	2,702	-32,137	PLASTIC
		258	14,653	8,600	-25,367	-81,215	1,404	-31,975	PLASTIC
	87	259	17,243	8,236	-27,157	-83,252	6,399	-33,123	PLASTIC
	Argilla	260	17,989	8,659	-25,804	-78,408	7,887	-31,264	PLASTIC
		261	17,316	8,659	-25,630	-79,199	6,616	-31,449	PLASTIC
	88	262	20,232	8,123	-28,793	-80,064	12,316	-32,657	PLASTIC
	Argilla	263	20,755	8,631	-26,744	-73,170	12,887	-29,974	PLASTIC
		264	20,082	8,631	-26,679	-75,129	11,812	-30,542	PLASTIC
	89	265	17,594	4,867	-44,142	-114,933	7,065	-47,723	Elastic
	Argilla	266	17,774	4,442	-47,328	-119,059	7,474	-49,916	Elastic
		267	18,474	4,442	-47,196	-118,641	8,373	-49,751	Elastic
	90	268	13,947	5,222	-42,692	-113,603	1,967	-46,889	Elastic
	Argilla	269	13,712	4,530	-47,869	-120,220	2,010	-50,427	Elastic
		270	14,412	4,530	-47,782	-120,590	2,932	-50,511	Elastic
	91	271	20,697	4,981	-42,278	-109,511	11,964	-45,537	Elastic
	Argilla	272	20,649	4,470	-45,927	-113,991	12,153	-47,975	Elastic
		273	21,349	4,470	-45,663	-111,199	13,395	-47,059	Elastic
	92	274	23,556	8,353	-36,597	-54,092	8,957	-27,207	Elastic
	Argilla	275	22,900	7,653	-33,665	-55,822	13,492	-26,846	Elastic
		276	23,443	7,714	-31,535	-58,258	9,946	-26,938	Elastic
	93	277	23,173	4,744	-44,476	-95,651	13,133	-42,038	Elastic
	Argilla	278	22,318	4,411	-45,542	-104,635	14,575	-45,053	Elastic
		279	23,018	4,411	-45,004	-100,091	13,646	-43,529	Elastic

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Cluster	Soil	Stress	X	Y	$\sigma'_{xx}$	$\sigma'_{yy}$	$\sigma'_{xy}$	$\sigma'_{zz}$	Status
	Element	Point	[m]	[m]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	
	94	280	22,480	6,455	-37,778	-80,528	17,825	-35,492	Elastic
	Argilla	281	22,407	6,830	-29,498	-66,285	17,918	-28,735	PLASTIC
		282	22,052	6,696	-42,083	-93,553	14,286	-40,691	Elastic
	95	283	21,572	7,380	-34,997	-88,924	16,523	-37,176	PLASTIC
	Argilla	284	21,825	6,978	-44,450	-92,320	15,974	-41,031	Elastic
		285	22,179	7,312	-33,418	-89,522	14,145	-36,882	PLASTIC
	96	286	23,370	6,902	-40,638	-65,938	7,729	-31,973	Elastic
	Argilla	287	23,396	7,301	-29,462	-61,071	6,812	-27,160	Elastic
		288	22,853	7,041	-43,298	-61,407	12,238	-31,411	Elastic
	97	289	23,640	4,744	-44,385	-92,704	12,000	-41,127	Elastic
	Argilla	290	23,485	4,411	-44,628	-97,404	12,735	-42,610	Elastic
		291	24,185	4,411	-43,804	-94,199	11,179	-41,401	Elastic
	98	292	30,539	5,030	-40,558	-82,725	2,464	-36,985	Elastic
	Argilla	293	30,460	4,482	-41,043	-87,539	2,657	-38,575	Elastic
		294	31,160	4,482	-40,955	-87,359	1,931	-38,494	Elastic
	99	295	30,072	5,030	-40,623	-82,861	2,957	-37,045	Elastic
	Argilla	296	29,293	4,482	-41,266	-87,910	3,872	-38,753	Elastic
		297	29,993	4,482	-41,117	-87,675	3,142	-38,638	Elastic
	100	298	27,327	4,888	-41,507	-85,386	5,785	-38,068	Elastic
	Argilla	299	27,557	4,447	-41,818	-89,163	5,792	-39,295	Elastic
		300	28,257	4,447	-41,593	-88,705	5,030	-39,090	Elastic
	101	301	8,263	7,700	-32,038	-76,213	-2,104	-32,475	Elastic
	Argilla	302	7,738	8,354	-28,753	-67,636	-2,087	-28,917	Elastic
		303	7,351	7,669	-32,458	-75,061	-1,614	-32,256	Elastic
	102	304	5,544	7,572	-33,171	-74,643	-0,396	-32,344	Elastic
	Argilla	305	6,503	7,637	-32,812	-74,550	-1,010	-32,208	Elastic
		306	6,217	8,322	-29,226	-66,260	-0,922	-28,646	Elastic
	103	307	8,172	4,729	-46,975	-109,765	-1,036	-47,022	Elastic
	Argilla	308	8,068	4,407	-48,488	-113,283	-1,002	-48,531	Elastic
		309	8,768	4,407	-48,603	-114,216	-1,084	-48,846	Elastic
	104	310	7,705	4,729	-46,958	-109,232	-0,939	-46,857	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Argilla	311	6,901	4,407	-48,219	-111,901	-0,776	-48,036	Elastic
		312	7,601	4,407	-48,379	-112,692	-0,933	-48,321	Elastic
	105 Argilla	313	10,283	4,908	-46,068	-111,395	-0,968	-47,239	Elastic
		314	9,646	4,452	-48,388	-115,087	-1,043	-49,042	Elastic
	315	10,346	4,452	-48,543	-116,325	-0,844	-49,460	Elastic	
		106	316	22,276	7,867	-28,540	-82,522	10,347	-33,319
	Argilla	317	22,276	8,567	-23,711	-70,543	9,724	-28,276	PLASTIC
		318	21,603	8,567	-23,717	-68,447	10,975	-27,649	PLASTIC
	107 Argilla	319	16,607	4,442	-47,683	-119,939	6,143	-50,287	Elastic
		320	17,307	4,442	-47,478	-119,364	6,937	-50,053	Elastic
	321	17,127	4,867	-44,268	-115,164	6,580	-47,829	Elastic	
		108	322	5,233	5,300	-44,266	-100,890	-0,132	-43,547
	Argilla	323	5,233	4,550	-47,465	-109,491	-0,096	-47,087	Elastic
		324	5,933	4,550	-47,540	-109,622	-0,351	-47,149	Elastic
	109 Argilla	325	12,545	4,530	-48,026	-119,154	0,631	-50,154	Elastic
		326	13,245	4,530	-47,936	-119,831	1,404	-50,330	Elastic
	327	13,480	5,222	-43,078	-113,240	1,283	-46,895	Elastic	
		110	328	15,631	5,049	-43,223	-115,119	4,559	-47,503
	Argilla	329	15,183	4,487	-47,789	-120,813	4,209	-50,580	Elastic
		330	15,883	4,487	-47,513	-120,205	5,217	-50,315	Elastic
	111 Argilla	331	19,483	4,470	-46,783	-117,355	10,094	-49,241	Elastic
		332	20,183	4,470	-46,292	-115,550	11,269	-48,553	Elastic
	333	20,230	4,981	-42,488	-110,928	10,793	-46,025	Elastic	
		112	334	10,749	4,908	-45,881	-112,106	-0,785	-47,396
	Argilla	335	10,812	4,452	-48,625	-117,148	-0,665	-49,732	Elastic
		336	11,512	4,452	-48,717	-118,367	-0,292	-50,125	Elastic
	113 Argilla	337	32,767	5,300	-40,113	-80,065	0,240	-36,053	Elastic
		338	32,067	4,550	-40,813	-86,628	0,956	-38,232	Elastic
	339	32,767	4,550	-40,783	-86,610	0,238	-38,218	Elastic	
		114	340	26,860	4,888	-41,812	-85,736	6,315	-38,264
	Argilla	341	26,390	4,447	-42,326	-89,992	7,169	-39,695	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		342	27,090	4,447	-42,017	-89,491	6,325	-39,452	Elastic
	115	343	23,213	6,690	-39,906	-65,959	12,046	-31,760	Elastic
	Argilla	344	22,697	6,829	-45,510	-80,583	21,728	-37,828	Elastic
		345	22,770	6,454	-38,762	-75,385	15,252	-34,244	Elastic
	116	346	21,897	5,973	-37,773	-94,965	15,490	-39,821	Elastic
	Argilla	347	22,353	6,241	-39,223	-86,988	17,227	-37,863	Elastic
		348	21,925	6,482	-36,781	-93,403	16,852	-39,055	PLASTIC
	117	349	21,091	7,024	-35,919	-89,952	11,707	-37,761	Elastic
	Argilla	350	21,553	6,906	-37,252	-91,159	12,336	-38,523	Elastic
		351	21,300	7,308	-36,545	-89,042	13,376	-37,676	Elastic
	118	352	21,400	8,356	-25,968	-74,883	10,831	-30,255	PLASTIC
	Argilla	353	21,465	7,725	-32,365	-85,779	14,528	-35,443	PLASTIC
		354	22,073	7,656	-28,261	-80,827	10,992	-32,726	PLASTIC
	119	355	24,100	7,154	-36,579	-67,390	7,693	-31,191	Elastic
	Argilla	356	23,708	7,329	-35,424	-66,303	8,210	-30,518	Elastic
		357	23,681	6,930	-36,469	-66,505	7,256	-30,892	Elastic
	120	358	25,190	5,144	-42,745	-84,839	8,244	-38,275	Elastic
	Argilla	359	24,922	4,511	-43,211	-91,443	9,347	-40,396	Elastic
		360	25,622	4,511	-42,815	-90,339	8,259	-39,946	Elastic
	121	361	32,134	6,198	-39,040	-72,320	0,783	-33,408	Elastic
	Argilla	362	32,784	6,087	-39,151	-73,274	0,200	-33,727	Elastic
		363	32,784	6,837	-38,165	-66,834	0,194	-31,500	Elastic
	122	364	5,783	6,297	-39,577	-89,539	-0,392	-38,735	Elastic
	Argilla	365	5,196	6,862	-36,825	-82,904	-0,143	-35,918	Elastic
		366	5,196	6,112	-40,472	-91,600	-0,105	-39,622	Elastic
	123	367	24,436	8,074	-35,930	-59,949	7,948	-28,764	Elastic
	Argilla	368	23,940	8,458	-36,007	-55,463	9,145	-27,441	Elastic
		369	23,827	7,819	-35,063	-60,663	8,914	-28,718	Elastic
	124	370	32,373	7,553	-37,038	-60,743	0,525	-29,334	Elastic
	Argilla	371	31,717	8,303	-35,852	-54,481	0,974	-27,100	Elastic
		372	31,147	7,562	-37,113	-60,820	1,512	-29,380	Elastic

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	125	373	25,534	7,532	-37,250	-63,873	6,468	-30,337	Elastic
	Argilla	374	26,007	8,387	-36,297	-56,372	6,080	-27,801	Elastic
		375	25,191	8,002	-36,504	-60,167	6,931	-29,001	Elastic
	126	376	28,754	7,643	-37,370	-60,932	3,533	-29,491	Elastic
	Argilla	377	28,828	8,397	-36,133	-54,495	3,322	-27,189	Elastic
		378	28,200	7,939	-36,948	-58,675	3,979	-28,687	Elastic
	127	379	14,330	5,409	-41,385	-112,009	2,354	-46,018	Elastic
	Argilla	380	14,794	4,718	-46,037	-118,693	3,451	-49,419	Elastic
		381	15,242	5,279	-41,694	-113,137	3,865	-46,449	Elastic
	128	382	16,810	5,054	-42,852	-113,594	6,124	-46,934	Elastic
	Argilla	383	16,037	5,190	-41,991	-113,130	5,170	-46,536	Elastic
		384	16,289	4,629	-46,333	-118,394	5,709	-49,418	Elastic
	129	385	12,728	7,492	-30,452	-89,154	-1,204	-35,882	Elastic
	Argilla	386	12,822	8,351	-25,715	-80,597	-1,484	-31,894	Elastic
		387	12,150	7,864	-28,757	-84,029	-1,916	-33,836	Elastic
	130	388	19,116	7,461	-30,480	-88,359	9,787	-35,652	PLASTIC
	Argilla	389	19,654	7,830	-29,341	-83,841	10,913	-33,954	PLASTIC
		390	18,831	8,338	-27,150	-80,093	9,424	-32,173	PLASTIC
	131	391	23,467	6,098	-42,596	-77,428	11,197	-36,007	Elastic
	Argilla	392	23,406	6,507	-42,365	-72,253	10,581	-34,385	Elastic
		393	22,963	6,271	-40,904	-76,528	14,089	-35,230	Elastic
	132	394	22,510	5,612	-41,648	-90,832	15,296	-39,744	Elastic
	Argilla	395	22,499	6,023	-40,206	-85,304	16,762	-37,653	Elastic
		396	22,043	5,756	-40,027	-95,750	15,547	-40,733	Elastic
	133	397	20,431	7,607	-32,282	-84,273	12,391	-34,967	Elastic
	Argilla	398	20,811	7,200	-35,062	-88,264	11,753	-36,998	Elastic
		399	21,019	7,484	-33,270	-85,152	12,488	-35,527	Elastic
	134	400	20,478	7,912	-28,922	-80,724	12,145	-32,894	PLASTIC
	Argilla	401	21,067	7,789	-31,179	-83,942	13,781	-34,537	PLASTIC
		402	21,001	8,420	-27,881	-75,562	13,293	-31,033	PLASTIC
	135	403	21,115	6,453	-36,574	-95,723	11,412	-39,689	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Argilla	404	21,507	6,692	-37,152	-93,425	12,282	-39,173	Elastic
		405	21,045	6,811	-36,153	-92,446	11,323	-38,580	Elastic
	136 Argilla	406	24,275	6,642	-39,083	-71,413	7,352	-33,149	Elastic
		407	24,242	6,983	-37,030	-68,368	7,241	-31,620	Elastic
		408	23,823	6,758	-38,828	-69,700	7,692	-32,558	Elastic
	137 Argilla	409	24,529	7,802	-36,066	-61,916	7,697	-29,395	Elastic
		410	23,920	7,547	-35,037	-63,823	8,286	-29,658	Elastic
		411	24,312	7,372	-36,483	-65,404	7,649	-30,566	Elastic
	138 Argilla	412	23,962	4,955	-43,894	-89,062	11,031	-39,887	Elastic
		413	24,507	4,622	-43,665	-91,203	10,062	-40,460	Elastic
		414	24,775	5,255	-42,909	-84,300	8,791	-38,163	Elastic
	139 Argilla	415	26,482	5,099	-41,728	-84,032	6,571	-37,728	Elastic
		416	25,580	5,291	-42,016	-83,122	7,502	-37,541	Elastic
		417	26,012	4,658	-42,541	-88,548	7,539	-39,327	Elastic
	140 Argilla	418	31,850	4,837	-40,605	-84,170	1,177	-37,432	Elastic
		419	32,550	5,587	-39,754	-77,565	0,425	-35,196	Elastic
		420	31,901	5,698	-39,653	-76,683	1,048	-34,901	Elastic
	141 Argilla	421	6,475	7,199	-35,056	-79,595	-0,949	-34,395	Elastic
		422	5,515	7,134	-35,451	-79,768	-0,325	-34,566	Elastic
		423	6,103	6,569	-38,284	-86,610	-0,629	-37,468	Elastic
	142 Argilla	424	6,129	4,862	-46,268	-106,245	-0,488	-45,754	Elastic
		425	6,016	5,797	-41,990	-95,488	-0,464	-41,243	Elastic
		426	5,429	5,612	-42,790	-97,285	-0,182	-42,022	Elastic
	143 Argilla	427	31,150	7,099	-37,847	-64,768	1,591	-30,785	Elastic
		428	31,726	6,451	-38,763	-70,210	1,145	-32,692	Elastic
		429	32,375	7,090	-37,767	-64,677	0,521	-30,733	Elastic
	144 Argilla	430	24,629	7,300	-37,077	-66,100	7,282	-30,953	Elastic
		431	25,190	7,260	-37,752	-66,471	6,691	-31,267	Elastic
		432	24,846	7,730	-36,343	-62,487	7,290	-29,649	Elastic
	145 Argilla	433	21,260	6,244	-36,862	-97,783	12,038	-40,393	Elastic
		434	21,624	5,974	-37,171	-97,606	13,862	-40,433	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		435	21,652	6,483	-36,793	-95,930	12,580	-39,817	Elastic
	146	436	28,026	6,755	-38,848	-68,869	4,383	-32,315	Elastic
	Argilla	437	28,553	7,233	-38,033	-64,504	3,805	-30,761	Elastic
		438	27,999	7,529	-37,655	-62,323	4,233	-29,993	Elastic
	147	439	16,024	7,787	-28,594	-88,448	3,821	-35,113	PLASTIC
	Argilla	440	16,584	8,018	-27,955	-86,197	5,072	-34,246	PLASTIC
		441	15,983	8,441	-26,281	-82,642	3,938	-32,677	PLASTIC
	148	442	13,182	7,455	-30,223	-90,361	-0,773	-36,175	Elastic
	Argilla	443	13,966	7,714	-28,795	-89,386	0,230	-35,454	Elastic
		444	13,276	8,314	-26,113	-82,131	-0,848	-32,473	Elastic
	149	445	11,968	6,936	-33,835	-93,204	-1,416	-38,112	Elastic
	Argilla	446	12,514	7,138	-32,387	-92,363	-1,144	-37,425	Elastic
		447	11,936	7,510	-30,755	-87,065	-1,885	-35,346	Elastic
	150	448	19,955	6,830	-34,124	-93,393	10,341	-38,255	Elastic
	Argilla	449	19,935	7,453	-31,321	-87,055	11,192	-35,513	Elastic
		450	19,397	7,084	-32,225	-91,455	10,113	-37,104	Elastic
	151	451	24,156	6,431	-40,298	-72,880	7,839	-33,953	Elastic
	Argilla	452	23,704	6,547	-39,954	-70,803	8,117	-33,227	Elastic
		453	23,765	6,138	-42,432	-76,525	9,602	-35,687	Elastic
	152	454	22,830	5,643	-42,916	-87,221	14,264	-39,041	Elastic
	Argilla	455	23,323	5,882	-42,348	-80,072	12,144	-36,726	Elastic
		456	22,819	6,055	-41,928	-81,968	14,689	-37,169	Elastic
	153	457	22,665	5,162	-43,456	-94,488	14,377	-41,383	Elastic
	Argilla	458	22,230	4,599	-44,815	-104,145	14,245	-44,688	Elastic
		459	23,085	4,932	-43,876	-93,362	13,358	-41,171	Elastic
	154	460	21,934	4,723	-43,816	-104,494	14,213	-44,493	Elastic
	Argilla	461	22,369	5,287	-42,609	-96,349	14,868	-41,687	Elastic
		462	21,902	5,431	-40,567	-98,953	14,701	-41,856	Elastic
	155	463	20,261	6,817	-34,420	-92,922	10,693	-38,203	Elastic
	Argilla	464	20,621	7,033	-34,754	-90,158	11,414	-37,474	Elastic
		465	20,241	7,440	-32,393	-86,893	11,812	-35,786	Elastic



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	156	466	20,411	6,562	-35,622	-95,454	10,529	-39,323	Elastic
	Argilla	467	20,841	6,421	-36,649	-96,449	10,909	-39,930	Elastic
		468	20,771	6,778	-35,551	-92,773	11,048	-38,497	Elastic
	157	469	9,334	5,448	-43,274	-103,645	-1,269	-44,076	Elastic
	Argilla	470	9,393	4,701	-47,207	-112,045	-1,092	-47,776	Elastic
		471	10,030	5,157	-44,663	-108,080	-1,114	-45,823	Elastic
	158	472	25,129	7,003	-38,286	-68,540	6,709	-32,048	Elastic
	Argilla	473	24,568	7,044	-37,737	-68,390	7,147	-31,838	Elastic
		474	24,601	6,704	-38,662	-71,028	7,020	-32,907	Elastic
	159	475	18,182	5,594	-38,536	-107,273	7,802	-43,743	Elastic
	Argilla	476	17,696	5,155	-41,879	-112,086	7,203	-46,190	Elastic
		477	18,576	4,730	-45,117	-115,803	8,393	-48,276	Elastic
	160	478	21,540	5,413	-40,022	-101,641	13,542	-42,499	Elastic
	Argilla	479	20,920	5,217	-41,222	-107,197	12,108	-44,526	Elastic
		480	21,572	4,706	-43,975	-107,376	13,873	-45,405	Elastic
	161	481	27,862	5,805	-40,294	-77,109	4,856	-35,221	Elastic
	Argilla	482	27,403	5,228	-41,142	-82,349	5,537	-37,047	Elastic
		483	28,333	4,787	-41,231	-85,679	4,781	-38,073	Elastic
	162	484	7,218	6,281	-39,605	-90,988	-1,082	-39,178	Elastic
	Argilla	485	6,900	6,986	-36,118	-82,435	-1,122	-35,566	Elastic
		486	6,528	6,356	-39,253	-89,376	-0,834	-38,589	Elastic
	163	487	31,461	5,631	-39,764	-77,329	1,484	-35,128	Elastic
	Argilla	488	30,789	5,317	-40,229	-80,163	2,175	-36,118	Elastic
		489	31,410	4,770	-40,697	-84,809	1,621	-37,652	Elastic
	164	490	28,993	6,358	-39,225	-71,776	3,644	-33,300	Elastic
	Argilla	491	28,802	6,940	-38,451	-66,891	3,667	-31,603	Elastic
		492	28,274	6,462	-39,272	-71,220	4,242	-33,148	Elastic
	165	493	27,149	7,224	-38,186	-65,387	5,033	-31,072	Elastic
	Argilla	494	27,674	6,753	-38,925	-69,107	4,686	-32,410	Elastic
		495	27,648	7,527	-37,668	-62,533	4,540	-30,060	Elastic
	166	496	16,630	6,943	-31,828	-95,819	5,171	-38,294	PLASTIC

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Argilla	497	16,745	7,643	-29,254	-89,263	5,371	-35,555	PLASTIC
		498	16,186	7,412	-30,119	-92,058	4,212	-36,653	PLASTIC
	167 Argilla	499	20,788	5,543	-39,115	-104,230	11,531	-43,003	Elastic
		500	21,407	5,739	-38,889	-101,128	13,106	-42,005	Elastic
		501	21,044	6,009	-37,260	-99,725	11,849	-41,095	Elastic
	168 Argilla	502	12,380	6,229	-37,469	-101,402	-0,529	-41,661	Elastic
		503	12,625	6,818	-34,024	-95,836	-0,812	-38,958	Elastic
		504	12,079	6,616	-35,525	-96,849	-1,083	-39,712	Elastic
	169 Argilla	505	10,936	6,948	-34,446	-90,618	-1,894	-37,519	Elastic
		506	11,573	6,889	-34,386	-92,784	-1,606	-38,151	Elastic
		507	11,542	7,463	-31,293	-86,637	-2,065	-35,379	Elastic
	170 Argilla	508	19,448	6,161	-36,087	-100,914	9,457	-41,100	Elastic
		509	19,833	6,507	-35,175	-96,924	10,017	-39,630	Elastic
		510	19,275	6,761	-33,458	-95,041	9,671	-38,550	Elastic
	171 Argilla	511	24,772	5,776	-41,931	-79,380	7,928	-36,393	Elastic
		512	24,423	6,238	-41,019	-75,062	7,874	-34,824	Elastic
		513	24,032	5,945	-42,082	-77,746	9,198	-35,948	Elastic
	172 Argilla	514	20,523	5,680	-38,520	-103,727	10,924	-42,674	Elastic
		515	20,779	6,146	-37,139	-98,960	11,057	-40,830	Elastic
		516	20,349	6,287	-36,634	-98,520	10,336	-40,546	Elastic
	173 Argilla	517	23,467	5,668	-43,511	-83,213	11,753	-38,017	Elastic
		518	22,974	5,429	-43,160	-87,875	13,625	-39,311	Elastic
		519	23,394	5,199	-44,234	-88,776	12,407	-39,903	Elastic
	174 Argilla	520	8,923	5,403	-43,651	-103,478	-1,259	-44,139	Elastic
		521	8,385	4,978	-45,783	-107,253	-1,115	-45,911	Elastic
		522	8,982	4,656	-47,340	-111,781	-1,116	-47,736	Elastic
	175 Argilla	523	10,274	6,366	-38,102	-95,508	-1,666	-40,083	Elastic
524		9,555	5,864	-41,001	-99,399	-1,439	-42,120	Elastic	
525		10,250	5,573	-42,346	-104,023	-1,210	-43,911	Elastic	
176 Argilla	526	17,069	6,232	-34,299	-101,470	6,056	-40,731	PLASTIC	
	527	17,319	5,531	-38,692	-108,518	6,610	-44,163	Elastic	

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		528	17,805	5,970	-35,860	-104,212	7,413	-42,022	Elastic
	177	529	25,078	5,974	-41,295	-77,394	7,329	-35,607	Elastic
	Argilla	530	25,256	6,736	-38,825	-70,557	6,584	-32,815	Elastic
		531	24,729	6,436	-39,813	-73,406	7,196	-33,966	Elastic
	178	532	29,211	7,549	-37,430	-61,534	3,163	-29,689	Elastic
	Argilla	533	30,029	7,561	-37,284	-61,113	2,470	-29,519	Elastic
		534	29,286	8,302	-36,214	-55,100	2,934	-27,394	Elastic
	179	535	26,764	6,114	-40,082	-75,072	5,703	-34,546	Elastic
	Argilla	536	27,011	5,560	-40,906	-79,722	5,780	-36,188	Elastic
		537	27,470	6,137	-39,873	-74,429	5,065	-34,291	Elastic
	180	538	8,240	7,237	-34,408	-81,437	-1,884	-34,754	Elastic
	Argilla	539	7,328	7,206	-34,913	-80,486	-1,408	-34,620	Elastic
		540	7,646	6,502	-38,415	-88,980	-1,324	-38,219	Elastic
	181	541	30,068	7,115	-37,966	-64,892	2,503	-30,857	Elastic
	Argilla	542	29,250	7,104	-38,108	-65,302	3,235	-31,023	Elastic
		543	29,441	6,521	-38,945	-70,215	3,205	-32,748	Elastic
	182	544	28,726	4,944	-41,052	-84,169	4,325	-37,566	Elastic
	Argilla	545	28,974	5,859	-39,884	-76,086	3,778	-34,791	Elastic
		546	28,255	5,963	-39,893	-75,496	4,434	-34,617	Elastic
	183	547	26,742	6,464	-39,523	-72,092	5,561	-33,484	Elastic
	Argilla	548	27,448	6,487	-39,325	-71,469	4,962	-33,238	Elastic
		549	26,923	6,959	-38,678	-67,811	5,276	-31,947	Elastic
	184	550	26,727	8,394	-36,325	-55,813	5,333	-27,641	Elastic
	Argilla	551	26,912	7,635	-37,490	-62,100	5,171	-29,877	Elastic
		552	27,411	7,937	-37,006	-59,188	4,697	-28,858	Elastic
	185	553	6,555	4,899	-46,160	-106,119	-0,608	-45,684	Elastic
	Argilla	554	7,132	5,760	-42,062	-96,765	-0,974	-41,648	Elastic
		555	6,442	5,834	-41,785	-95,359	-0,692	-41,143	Elastic
	186	556	15,647	6,708	-32,730	-98,930	3,247	-39,498	PLASTIC
	Argilla	557	16,356	6,709	-32,733	-98,355	4,644	-39,326	PLASTIC
		558	15,912	7,178	-30,940	-94,321	3,708	-37,578	PLASTIC

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil	Stress	X	Y	$\sigma'_{xx}$	$\sigma'_{yy}$	$\sigma'_{xy}$	$\sigma'_{zz}$	Status
	Element	Point	[m]	[m]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	
187	Argilla	559	11,658	5,949	-39,571	-102,914	-0,860	-42,745	Elastic
		560	12,138	6,012	-38,958	-103,249	-0,575	-42,662	Elastic
		561	11,837	6,399	-36,862	-98,546	-1,067	-40,623	Elastic
188	Argilla	562	11,345	6,098	-38,877	-100,671	-1,112	-41,864	Elastic
		563	11,524	6,547	-36,276	-96,280	-1,364	-39,767	Elastic
		564	10,887	6,607	-36,392	-94,236	-1,668	-39,188	Elastic
189	Argilla	565	13,462	5,953	-38,499	-106,072	0,736	-43,371	Elastic
		566	12,971	6,652	-34,615	-98,155	-0,314	-39,831	Elastic
		567	12,726	6,063	-38,258	-103,718	-0,076	-42,593	Elastic
190	Argilla	568	20,251	5,612	-39,296	-105,204	10,472	-43,350	Elastic
		569	20,077	6,219	-36,238	-99,389	10,104	-40,688	Elastic
		570	19,692	5,874	-37,760	-103,570	9,729	-42,399	Elastic
191	Argilla	571	18,543	6,168	-35,283	-101,738	8,604	-41,106	Elastic
		572	19,126	6,077	-36,437	-102,251	9,084	-41,606	Elastic
		573	18,953	6,676	-33,369	-96,249	9,265	-38,885	Elastic
192	Argilla	574	24,617	5,522	-42,428	-81,524	8,602	-37,186	Elastic
		575	23,878	5,691	-42,982	-81,296	10,079	-37,283	Elastic
		576	23,805	5,222	-43,992	-87,150	11,119	-39,343	Elastic
193	Argilla	577	17,540	7,269	-30,857	-92,192	6,923	-36,915	PLASTIC
		578	17,084	7,607	-29,439	-89,230	6,110	-35,601	PLASTIC
		579	16,969	6,907	-31,985	-95,807	5,841	-38,338	PLASTIC
194	Argilla	580	11,125	5,853	-40,426	-102,828	-1,053	-42,976	Elastic
		581	10,666	6,363	-37,813	-96,303	-1,566	-40,235	Elastic
		582	10,643	5,570	-42,273	-104,912	-1,096	-44,155	Elastic
195	Argilla	583	16,127	5,566	-38,867	-109,309	4,868	-44,453	Elastic
		584	16,900	5,430	-39,488	-109,605	6,160	-44,728	Elastic
		585	16,649	6,131	-35,032	-103,717	5,349	-41,625	PLASTIC
196	Argilla	586	17,747	6,948	-31,887	-94,502	7,291	-37,917	PLASTIC
		587	17,176	6,586	-33,335	-98,905	6,282	-39,672	PLASTIC
		588	17,912	6,324	-34,297	-100,235	7,742	-40,359	PLASTIC
197		589	25,654	5,622	-41,513	-79,992	7,052	-36,452	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Argilla	590	26,557	5,431	-41,222	-81,112	6,259	-36,700	Elastic
		591	26,310	5,985	-40,439	-76,482	6,176	-35,076	Elastic
198	Argilla	592	10,632	8,304	-27,377	-75,080	-3,024	-30,737	Elastic
		593	10,701	7,302	-32,729	-86,267	-2,230	-35,699	Elastic
	Argilla	594	11,306	7,817	-29,559	-82,212	-2,415	-33,531	Elastic
		595	15,606	7,728	-28,879	-89,424	3,153	-35,491	PLASTIC
199	Argilla	596	15,564	8,382	-26,335	-83,173	3,012	-32,852	PLASTIC
		597	14,908	7,783	-28,612	-89,143	1,827	-35,326	PLASTIC
200	Argilla	598	25,870	6,988	-38,419	-68,240	6,090	-31,998	Elastic
		599	26,347	6,589	-39,403	-71,314	5,839	-33,215	Elastic
	Argilla	600	26,528	7,084	-38,433	-67,015	5,573	-31,635	Elastic
		601	25,868	7,407	-37,735	-64,766	6,137	-30,750	Elastic
201	Argilla	602	26,527	7,502	-37,698	-63,501	5,536	-30,360	Elastic
		603	26,341	8,262	-36,433	-57,160	5,719	-28,078	Elastic
202	Argilla	604	17,827	7,643	-29,401	-87,984	7,523	-35,215	PLASTIC
		605	18,117	8,405	-26,743	-80,599	8,102	-32,203	PLASTIC
	Argilla	606	17,371	7,982	-28,152	-85,595	6,616	-34,124	PLASTIC
		607	15,808	5,799	-37,741	-107,880	4,285	-43,686	Elastic
203	Argilla	608	16,330	6,365	-33,917	-101,349	4,541	-40,580	PLASTIC
		609	15,621	6,363	-34,113	-102,332	3,310	-40,933	PLASTIC
204	Argilla	610	14,834	7,408	-29,906	-92,393	1,524	-36,690	PLASTIC
		611	15,267	6,882	-32,017	-97,388	2,518	-38,821	PLASTIC
	Argilla	612	15,531	7,353	-30,314	-93,016	3,046	-36,999	PLASTIC
		613	11,973	4,814	-46,228	-115,285	0,007	-48,454	Elastic
205	Argilla	614	12,172	5,616	-41,292	-107,370	-0,257	-44,599	Elastic
		615	11,692	5,553	-41,934	-107,154	-0,594	-44,726	Elastic
206	Argilla	616	12,378	4,798	-46,323	-116,136	0,299	-48,738	Elastic
		617	13,313	5,489	-41,361	-110,482	0,960	-45,553	Elastic
	Argilla	618	12,578	5,600	-41,162	-108,193	0,112	-44,807	Elastic
		619	7,437	5,555	-43,121	-99,492	-1,002	-42,784	Elastic
207	Argilla	620	6,860	4,694	-46,996	-108,637	-0,727	-46,690	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		621	7,664	5,016	-45,627	-105,904	-0,962	-45,459	Elastic
	208	622	18,129	7,030	-31,775	-93,398	8,215	-37,552	PLASTIC
	Argilla	623	18,294	6,406	-34,054	-99,171	8,258	-39,968	PLASTIC
		624	18,704	6,914	-32,441	-94,240	9,082	-38,004	PLASTIC
	209	625	19,312	4,728	-44,657	-114,980	9,462	-47,891	Elastic
	Argilla	626	20,060	5,239	-41,145	-109,160	10,493	-45,092	Elastic
		627	19,501	5,501	-39,810	-107,394	9,593	-44,161	Elastic
	210	628	18,932	4,846	-43,878	-114,264	8,880	-47,443	Elastic
	Argilla	629	19,120	5,619	-39,023	-106,664	8,997	-43,706	Elastic
		630	18,538	5,710	-38,117	-106,257	8,063	-43,312	Elastic
	211	631	29,390	5,702	-40,025	-77,283	3,424	-35,193	Elastic
	Argilla	632	29,142	4,787	-41,040	-85,302	3,960	-37,903	Elastic
		633	29,921	5,335	-40,344	-80,251	3,024	-36,179	Elastic
	212	634	11,652	4,698	-47,046	-115,995	-0,209	-48,912	Elastic
	Argilla	635	11,371	5,437	-42,727	-107,749	-0,717	-45,143	Elastic
		636	10,889	5,154	-44,457	-109,830	-0,819	-46,286	Elastic
	213	637	25,591	6,703	-39,240	-70,849	6,378	-33,026	Elastic
	Argilla	638	25,413	5,940	-40,848	-77,273	7,000	-35,437	Elastic
		639	26,069	6,303	-39,950	-73,884	6,212	-34,150	Elastic
	214	640	18,745	7,376	-30,607	-89,441	9,144	-36,014	PLASTIC
	Argilla	641	18,460	8,254	-27,328	-81,297	8,828	-32,588	PLASTIC
		642	18,171	7,492	-30,084	-89,085	8,201	-35,751	PLASTIC
	215	643	30,614	5,820	-39,633	-75,863	2,257	-34,649	Elastic
	Argilla	644	31,285	6,134	-39,190	-73,006	1,584	-33,659	Elastic
		645	30,709	6,781	-38,394	-67,592	2,006	-31,796	Elastic
	216	646	8,649	5,690	-42,144	-99,688	-1,336	-42,549	Elastic
	Argilla	647	7,885	5,804	-41,838	-97,289	-1,196	-41,738	Elastic
		648	8,111	5,265	-44,456	-103,678	-1,115	-44,440	Elastic
	217	649	30,308	6,799	-38,407	-67,536	2,362	-31,783	Elastic
	Argilla	650	29,682	6,204	-39,321	-72,827	3,043	-33,644	Elastic
		651	30,213	5,838	-39,693	-75,829	2,621	-34,657	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	218	652	14,098	7,195	-31,146	-94,346	0,599	-37,647	Elastic
	Argilla	653	13,314	6,935	-32,976	-96,066	-0,250	-38,712	Elastic
		654	13,805	6,235	-36,398	-103,516	0,999	-41,974	Elastic
		219	655	8,771	6,115	-40,019	-95,215	-1,523	-40,570
	Argilla	656	8,601	6,964	-35,752	-85,301	-1,850	-36,316	Elastic
		657	8,007	6,229	-39,613	-92,562	-1,392	-39,653	Elastic
		220	658	14,417	5,784	-38,839	-108,480	2,234	-44,196
	Argilla	659	15,329	5,654	-39,065	-109,224	3,562	-44,487	Elastic
		660	15,143	6,218	-35,648	-103,992	2,882	-41,892	Elastic
		221	661	14,210	6,147	-36,674	-104,674	1,589	-42,405
	Argilla	662	14,937	6,581	-33,542	-100,639	2,247	-40,254	Elastic
		663	14,504	7,106	-31,362	-95,664	1,387	-38,108	Elastic
		222	664	9,095	7,093	-34,840	-84,840	-2,081	-35,904
	Argilla	665	9,266	6,244	-39,212	-94,716	-1,619	-40,178	Elastic
		666	9,985	6,746	-36,114	-90,553	-1,932	-38,000	Elastic
		223	667	9,312	7,594	-31,998	-79,527	-2,446	-33,458
	Argilla	668	10,202	7,247	-33,371	-85,619	-2,287	-35,697	Elastic
		669	10,134	8,248	-28,038	-74,426	-3,005	-30,739	Elastic
3		224	670	22,389	13,342	-1,324	-16,368	4,655	-5,308
	Limi	671	22,389	13,686	-0,472	-15,756	2,726	-4,868	Tension
		672	22,055	13,686	-0,002	-17,429	-0,203	-5,229	Tension
		225	673	21,254	13,299	-2,865	-21,857	1,621	-7,416
	Limi	674	21,600	13,675	-1,487	-14,985	0,667	-4,942	Elastic
		675	21,249	13,675	-3,021	-17,346	0,535	-6,110	Elastic
		226	676	21,014	13,299	-3,294	-23,055	2,100	-7,905
	Limi	677	21,009	13,675	-4,408	-18,961	0,872	-7,011	Elastic
		678	20,640	13,675	-5,039	-20,606	1,582	-7,694	Elastic
227		679	19,689	13,182	-6,109	-30,785	4,167	-11,068	Elastic
Limi	680	20,119	13,645	-5,903	-22,914	2,509	-8,645	Elastic	
	681	19,732	13,645	-7,082	-24,999	3,504	-9,624	Elastic	
	228	682	19,424	13,182	-6,142	-31,939	4,502	-11,424	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Limi	683	19,467	13,645	-7,443	-26,341	4,028	-10,135	Elastic
		684	19,060	13,645	-7,863	-28,566	4,862	-10,929	Elastic
	229 Limi	685	22,082	12,429	-1,526	-23,374	5,973	-7,470	Tension
		686	22,396	12,432	-0,616	-19,161	3,436	-5,933	Tension
		687	22,396	12,841	-0,199	-20,338	2,012	-6,161	Tension
		230	688	18,073	13,315	-6,000	-35,829	5,294	-12,549
	Limi	689	18,513	13,679	-6,229	-30,510	5,437	-11,022	Elastic
		690	18,085	13,679	-5,757	-32,356	5,718	-11,434	Elastic
	231 Limi	691	17,781	13,315	-6,004	-37,588	5,391	-13,077	Elastic
		692	17,793	13,679	-4,380	-33,552	6,099	-11,380	Elastic
		693	17,343	13,679	-3,372	-36,237	4,992	-11,883	Elastic
		232	694	16,477	13,262	-5,477	-43,671	3,454	-14,744
	Limi	695	16,787	13,665	-5,909	-39,896	4,274	-13,742	Elastic
		696	16,314	13,665	-5,972	-40,977	2,746	-14,085	Elastic
	233 Limi	697	22,082	12,131	-0,511	-27,605	3,755	-8,435	Tension
		698	22,396	11,649	-1,401	-29,288	6,406	-9,207	Tension
		699	22,396	12,135	-1,577	-21,511	5,824	-6,926	Tension
		234	700	16,154	13,262	-5,789	-44,123	2,587	-14,974
	Limi	701	15,991	13,665	-6,276	-41,547	1,780	-14,347	Elastic
		702	15,495	13,665	-6,346	-42,041	0,344	-14,516	Elastic
	235 Limi	703	14,228	13,219	-6,096	-43,016	-2,091	-14,734	Elastic
		704	14,759	13,655	-6,069	-41,100	-0,432	-14,151	Elastic
		705	14,237	13,655	-5,738	-39,818	-1,989	-13,667	Elastic
		236	706	13,871	13,219	-6,291	-42,089	-2,805	-14,514
	Limi	707	13,881	13,655	-5,599	-38,735	-2,917	-13,300	Elastic
		708	13,333	13,655	-5,530	-36,755	-4,476	-12,685	Elastic
	237 Limi	709	11,945	13,230	-8,062	-32,622	-5,219	-12,205	Elastic
		710	12,570	13,658	-5,805	-31,554	-5,468	-11,208	Elastic
		711	11,994	13,658	-7,297	-28,459	-5,565	-10,727	Elastic
		238	712	21,666	10,254	-11,826	-50,182	8,186	-18,603
	Limi	713	22,291	10,337	-11,225	-44,992	7,523	-16,865	Elastic



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		714	22,291	10,914	-7,904	-38,653	7,608	-13,967	Elastic
	239	715	11,551	13,230	-8,156	-30,007	-5,221	-11,449	Elastic
	Limi	716	11,600	13,658	-8,024	-26,090	-5,623	-10,234	Elastic
		717	10,995	13,658	-7,605	-21,898	-4,848	-8,851	Elastic
	240	718	6,000	13,592	-0,104	-10,501	0,060	-3,182	Elastic
	Limi	719	5,250	13,592	-0,207	-10,562	0,055	-3,231	Elastic
		720	5,250	12,967	-4,465	-16,724	0,050	-6,357	Elastic
	241	721	5,796	11,747	-12,378	-29,067	-0,174	-12,434	Elastic
	Limi	722	5,199	12,193	-9,448	-24,480	-0,029	-10,178	Elastic
		723	5,199	11,568	-13,177	-30,860	-0,057	-13,211	Elastic
	242	724	21,483	13,185	-2,833	-19,973	2,926	-6,842	Elastic
	Limi	725	22,162	13,217	-0,021	-18,783	0,630	-5,641	Tension
		726	21,828	13,560	-0,166	-14,564	1,554	-4,419	Tension
	243	727	19,943	13,057	-5,694	-30,781	3,960	-10,943	Elastic
	Limi	728	20,748	13,145	-4,168	-26,123	2,740	-9,087	Elastic
		729	20,373	13,520	-5,261	-23,459	2,395	-8,616	Elastic
	244	730	5,796	11,331	-14,637	-33,371	-0,330	-14,402	Elastic
	Limi	731	5,199	11,151	-15,553	-35,204	-0,100	-15,227	Elastic
		732	5,199	10,526	-19,001	-41,737	-0,096	-18,221	Elastic
	245	733	18,337	13,160	-6,589	-36,617	5,173	-12,962	Elastic
	Limi	734	19,142	13,061	-6,531	-34,708	4,672	-12,372	Elastic
		735	18,777	13,524	-6,459	-31,269	5,205	-11,318	Elastic
	246	736	5,897	9,008	-25,355	-58,050	-0,667	-25,022	Elastic
	Limi	737	5,224	9,633	-22,990	-51,226	-0,188	-22,265	Elastic
		738	5,224	9,008	-25,303	-57,968	-0,169	-24,981	Elastic
	247	739	21,490	12,933	-3,077	-25,340	1,524	-8,525	Elastic
	Limi	740	21,856	12,554	-0,597	-25,611	3,911	-7,862	Tension
		741	22,169	12,966	-1,113	-17,052	4,357	-5,450	Tension
	248	742	16,780	13,141	-6,307	-43,822	4,319	-15,039	Elastic
	Limi	743	17,527	13,181	-5,934	-39,351	5,198	-13,586	Elastic
		744	17,090	13,544	-4,895	-38,048	4,323	-12,883	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	249	745	9,451	13,218	-6,074	-17,230	-2,378	-6,991	Elastic
	Limi	746	10,160	13,654	-6,456	-15,818	-2,795	-6,682	Elastic
		747	9,524	13,654	-3,832	-12,600	-1,449	-4,930	Elastic
	250	748	21,214	11,714	-4,586	-38,962	6,179	-13,065	Elastic
	Limi	749	22,100	11,544	-2,805	-32,514	6,515	-10,596	Elastic
		750	21,787	12,026	-1,737	-30,966	4,986	-9,811	Elastic
	251	751	15,026	12,717	-7,625	-48,211	-0,038	-16,751	Elastic
	Limi	752	14,956	13,420	-6,021	-42,177	-0,209	-14,459	Elastic
		753	14,425	12,985	-7,075	-45,635	-1,395	-15,813	Elastic
	252	754	9,017	13,218	-5,588	-16,411	-1,447	-6,600	Elastic
	Limi	755	9,089	13,654	-0,930	-10,962	-0,185	-3,568	Elastic
		756	8,421	13,654	0,000	-10,292	0,043	-3,088	Tension
	253	757	22,291	9,230	-15,840	-60,313	8,323	-22,846	Elastic
	Limi	758	22,291	9,916	-12,726	-49,685	7,222	-18,723	Elastic
		759	21,666	9,833	-13,578	-54,746	8,679	-20,497	Elastic
	254	760	15,422	12,728	-7,284	-48,442	0,640	-16,718	Elastic
	Limi	761	16,012	13,028	-6,439	-46,631	2,135	-15,921	Elastic
		762	15,353	13,431	-6,183	-42,688	0,226	-14,661	Elastic
	255	763	18,550	9,382	-21,509	-71,317	8,972	-27,848	Elastic
	Limi	764	18,652	8,946	-25,206	-74,727	9,405	-29,980	Elastic
		765	19,325	8,946	-24,742	-74,125	10,347	-29,660	Elastic
	256	766	11,882	9,648	-23,150	-65,680	-2,719	-26,649	Elastic
	Limi	767	11,937	9,012	-27,185	-71,813	-2,595	-29,699	Elastic
		768	12,610	9,012	-27,617	-74,054	-1,823	-30,501	Elastic
	257	769	8,119	9,530	-24,004	-55,179	-2,374	-23,755	Elastic
	Limi	770	7,967	8,983	-26,003	-60,890	-2,344	-26,068	Elastic
		771	8,640	8,983	-26,226	-62,261	-2,795	-26,546	Elastic
	258	772	18,102	9,382	-21,903	-72,194	7,918	-28,229	Elastic
	Limi	773	17,530	8,946	-25,080	-76,570	6,990	-30,495	Elastic
		774	18,203	8,946	-24,938	-75,357	8,340	-30,089	Elastic
	259	775	14,367	9,546	-22,491	-72,885	0,357	-28,613	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Limi	776	13,568	8,987	-27,102	-76,774	-0,332	-31,163	Elastic
		777	14,241	8,987	-26,516	-77,446	0,637	-31,189	Elastic
	260	778	7,671	9,530	-23,896	-54,476	-1,960	-23,512	Elastic
		Limi	779	6,846	8,983	-25,602	-59,077	-1,509	-25,404
		780	7,519	8,983	-25,843	-60,096	-2,019	-25,782	Elastic
		261	781	20,987	12,001	-4,318	-36,978	5,233	-12,389
	Limi	782	21,560	12,313	-1,781	-30,547	4,083	-9,698	Elastic
		783	21,194	12,692	-3,316	-28,123	3,320	-9,432	Elastic
	262	784	11,434	9,648	-23,528	-64,454	-3,095	-26,395	Elastic
		Limi	785	10,815	9,012	-26,631	-68,095	-3,318	-28,418
		786	11,488	9,012	-26,974	-70,336	-2,963	-29,193	Elastic
		263	787	14,816	9,546	-22,258	-73,395	1,255	-28,696
	Limi	788	14,689	8,987	-26,161	-77,810	1,384	-31,191	Elastic
		789	15,363	8,987	-25,500	-78,099	2,568	-31,080	Elastic
	264	790	16,546	9,670	-20,696	-71,899	4,654	-27,779	Elastic
		Limi	791	16,132	9,018	-25,007	-77,394	4,159	-30,720
		792	16,805	9,018	-24,865	-76,840	5,447	-30,511	Elastic
		265	793	20,993	9,604	-15,754	-60,900	9,653	-22,996
	Limi	794	20,272	9,001	-22,194	-71,119	11,317	-27,994	Elastic
		795	20,945	9,001	-18,869	-67,786	10,758	-25,996	Elastic
	266	796	14,246	11,858	-10,603	-53,753	-1,400	-19,307	Elastic
		Limi	797	14,848	12,327	-8,720	-51,282	-0,268	-18,001
		798	14,248	12,594	-8,106	-47,877	-1,728	-16,795	Elastic
		267	799	21,441	9,604	-15,599	-59,297	9,224	-22,469
	Limi	800	21,394	9,001	-18,932	-66,226	10,113	-25,547	Elastic
		801	22,067	9,001	-16,677	-62,618	9,534	-23,788	Elastic
	268	802	9,743	9,606	-23,903	-58,684	-3,278	-24,776	Elastic
		Limi	803	9,383	9,002	-26,321	-63,865	-3,252	-27,056
		804	10,056	9,002	-26,689	-65,988	-3,389	-27,803	Elastic
		269	805	21,109	11,333	-6,307	-42,565	7,237	-14,662
	Limi	806	21,370	10,503	-10,896	-49,645	8,182	-18,162	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		807	21,996	11,163	-5,522	-38,399	7,417	-13,176	Elastic
	270	808	12,681	12,672	-8,998	-41,239	-4,390	-15,071	Elastic
	Limi	809	12,742	13,411	-6,720	-34,828	-4,973	-12,464	Elastic
		810	12,117	12,984	-8,396	-35,678	-4,965	-13,222	Elastic
	271	811	13,069	12,670	-8,637	-43,125	-4,071	-15,528	Elastic
	Limi	812	13,668	12,973	-7,384	-43,512	-3,229	-15,269	Elastic
		813	13,130	13,408	-6,349	-36,705	-4,671	-12,916	Elastic
	272	814	7,574	12,904	-5,782	-17,859	-0,353	-7,092	Elastic
	Limi	815	7,706	13,576	-0,215	-10,717	0,180	-3,280	Elastic
		816	6,956	13,576	-0,340	-10,697	0,180	-3,311	Elastic
	273	817	20,597	12,098	-4,962	-37,908	5,308	-12,861	Elastic
	Limi	818	20,804	12,789	-3,976	-29,303	3,671	-9,984	Elastic
		819	19,999	12,701	-5,641	-34,693	4,355	-12,100	Elastic
	274	820	16,123	12,226	-8,497	-52,059	2,784	-18,167	Elastic
	Limi	821	16,204	12,726	-6,902	-48,077	2,809	-16,494	Elastic
		822	15,615	12,427	-8,131	-51,078	1,410	-17,763	Elastic
	275	823	6,199	13,235	-2,752	-14,086	0,081	-5,051	Elastic
	Limi	824	5,449	12,610	-6,870	-20,279	-0,004	-8,145	Elastic
		825	6,046	12,164	-9,808	-24,909	-0,154	-10,415	Elastic
	276	826	15,178	9,764	-20,860	-71,775	1,776	-27,791	Elastic
	Limi	827	15,725	9,204	-23,955	-76,051	3,206	-30,002	Elastic
		828	16,139	9,857	-19,815	-70,664	3,748	-27,144	Elastic
	277	829	17,791	9,600	-20,576	-70,916	7,191	-27,447	Elastic
	Limi	830	16,961	9,816	-19,724	-70,254	5,465	-26,993	Elastic
		831	17,220	9,163	-23,722	-75,163	6,244	-29,666	Elastic
	278	832	15,281	11,437	-11,920	-58,379	1,089	-21,090	Elastic
	Limi	833	15,106	12,037	-9,466	-53,666	0,348	-18,940	Elastic
		834	14,504	11,568	-11,759	-56,708	-0,602	-20,540	Elastic
	279	835	8,464	9,732	-23,243	-53,848	-2,567	-23,127	Elastic
	Limi	836	8,985	9,184	-25,563	-60,923	-3,005	-25,946	Elastic
		837	9,345	9,789	-23,004	-55,546	-3,122	-23,565	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	280	838	11,105	9,850	-22,428	-61,013	-3,306	-25,032	Elastic
	Limi	839	10,174	9,818	-22,981	-58,149	-3,392	-24,339	Elastic
		840	10,487	9,214	-25,764	-65,220	-3,364	-27,295	Elastic
	281	841	11,851	11,976	-12,041	-43,964	-4,478	-16,802	Elastic
	Limi	842	12,458	12,313	-10,370	-43,653	-4,279	-16,207	Elastic
		843	11,894	12,625	-9,683	-37,963	-4,817	-14,294	Elastic
	282	844	13,248	12,279	-9,876	-47,485	-3,404	-17,209	Elastic
	Limi	845	13,846	11,846	-10,980	-52,843	-2,051	-19,147	Elastic
		846	13,847	12,582	-8,257	-46,868	-2,667	-16,538	Elastic
	283	847	8,750	12,994	-6,425	-17,845	-1,279	-7,281	Elastic
	Limi	848	8,154	13,430	-2,104	-12,557	-0,348	-4,398	Elastic
		849	8,022	12,758	-7,167	-19,588	-0,726	-8,026	Elastic
	284	850	6,502	12,148	-10,078	-25,169	-0,233	-10,574	Elastic
	Limi	851	7,273	12,547	-7,999	-21,314	-0,378	-8,794	Elastic
		852	6,655	13,219	-2,928	-14,329	0,053	-5,177	Elastic
	285	853	16,981	12,226	-8,375	-50,147	4,436	-17,557	Elastic
	Limi	854	16,546	12,676	-7,080	-47,995	3,786	-16,523	Elastic
		855	16,465	12,176	-8,652	-51,872	3,557	-18,157	Elastic
	286	856	15,651	11,526	-11,258	-57,822	1,879	-20,724	Elastic
	Limi	857	15,985	11,926	-9,601	-54,642	2,575	-19,273	Elastic
		858	15,476	12,127	-9,064	-53,136	1,215	-18,660	Elastic
	287	859	10,263	12,655	-10,254	-28,561	-4,438	-11,645	Elastic
	Limi	860	10,345	13,405	-7,072	-20,439	-4,030	-8,253	Elastic
		861	9,636	12,968	-7,849	-21,236	-3,045	-8,726	Elastic
	288	862	10,685	12,658	-9,911	-30,874	-4,877	-12,235	Elastic
	Limi	863	11,322	12,980	-8,746	-31,349	-5,086	-12,029	Elastic
		864	10,766	13,408	-7,875	-23,192	-4,600	-9,320	Elastic
	289	865	14,724	10,388	-17,312	-66,437	0,517	-25,125	Elastic
	Limi	866	15,185	11,024	-13,875	-61,620	1,183	-22,649	Elastic
		867	14,408	11,156	-13,685	-59,767	-0,598	-22,036	Elastic
	290	868	12,529	11,432	-13,808	-51,942	-3,462	-19,725	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Limi	869	12,617	12,015	-11,332	-47,060	-3,972	-17,518	Elastic
		870	12,010	11,678	-13,159	-47,554	-4,099	-18,214	Elastic
291	Limi	871	10,856	12,300	-11,285	-35,624	-4,726	-14,073	Elastic
		872	11,450	11,973	-12,370	-41,998	-4,593	-16,310	Elastic
		873	11,493	12,622	-9,897	-35,926	-5,053	-13,747	Elastic
		874	13,438	9,974	-20,608	-67,697	-1,197	-26,491	Elastic
292	Limi	875	13,367	9,233	-25,261	-74,052	-0,943	-29,794	Elastic
		876	14,166	9,793	-21,208	-70,847	-0,012	-27,616	Elastic
293	Limi	877	19,378	10,063	-15,686	-63,407	8,626	-23,728	Elastic
		878	18,732	9,662	-19,293	-68,999	8,725	-26,488	Elastic
		879	19,507	9,225	-21,745	-71,177	10,476	-27,877	Elastic
		880	17,569	12,896	-6,915	-42,423	5,120	-14,801	Elastic
294	Limi	881	16,822	12,856	-6,594	-45,254	4,268	-15,554	Elastic
		882	17,257	12,406	-7,898	-47,880	4,814	-16,733	Elastic
295	Limi	883	16,764	11,540	-10,882	-56,477	4,248	-20,208	Elastic
		884	17,035	11,942	-9,486	-52,643	4,563	-18,639	Elastic
		885	16,519	11,892	-9,604	-53,987	3,687	-19,077	Elastic
		886	9,285	11,806	-13,723	-33,531	-3,206	-14,176	Elastic
296	Limi	887	9,998	12,256	-11,550	-31,282	-4,071	-12,850	Elastic
		888	9,371	12,568	-10,139	-25,126	-3,154	-10,580	Elastic
297	Limi	889	11,799	10,516	-18,709	-57,506	-3,320	-22,864	Elastic
		890	12,325	11,057	-15,679	-54,589	-3,312	-21,080	Elastic
		891	11,805	11,303	-14,985	-50,064	-3,940	-19,515	Elastic
		892	13,616	11,550	-12,494	-54,887	-2,234	-20,214	Elastic
298	Limi	893	13,019	11,983	-11,056	-48,880	-3,432	-17,981	Elastic
		894	12,931	11,400	-13,626	-53,732	-3,082	-20,207	Elastic
299	Limi	895	16,111	10,255	-17,531	-67,626	3,440	-25,547	Elastic
		896	15,611	10,799	-14,717	-63,529	2,166	-23,474	Elastic
		897	15,150	10,162	-18,465	-68,422	1,543	-26,066	Elastic
		898	18,312	10,732	-13,613	-60,230	7,006	-22,153	Elastic
300	Limi	899	18,433	10,039	-17,179	-65,916	7,828	-24,929	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		900	19,079	10,439	-14,141	-61,060	7,978	-22,560	Elastic
	301	901	12,130	9,895	-21,933	-64,626	-2,705	-25,968	Elastic
	Limi	902	12,858	9,259	-25,304	-72,485	-1,445	-29,337	Elastic
		903	12,929	9,999	-20,823	-66,136	-1,940	-26,088	Elastic
	302	904	10,241	11,342	-15,866	-42,613	-4,092	-17,544	Elastic
	Limi	905	10,216	11,949	-13,060	-36,083	-4,277	-14,743	Elastic
		906	9,503	11,500	-15,105	-37,577	-3,458	-15,805	Elastic
	303	907	14,012	11,004	-14,535	-60,331	-1,159	-22,460	Elastic
	Limi	908	13,599	10,416	-17,978	-64,347	-1,279	-24,698	Elastic
		909	14,327	10,236	-18,509	-67,223	-0,143	-25,720	Elastic
	304	910	8,192	12,358	-9,947	-24,044	-1,298	-10,197	Elastic
	Limi	911	8,834	11,832	-13,702	-31,836	-2,650	-13,661	Elastic
		912	8,920	12,594	-9,205	-23,190	-2,162	-9,719	Elastic
	305	913	12,861	10,392	-18,686	-62,584	-2,330	-24,381	Elastic
	Limi	914	12,589	10,829	-16,527	-57,669	-2,934	-22,259	Elastic
		915	12,063	10,288	-19,682	-60,631	-2,910	-24,094	Elastic
	306	916	6,272	10,491	-19,172	-42,463	-0,694	-18,491	Elastic
	Limi	917	6,064	11,166	-15,830	-35,255	-0,438	-15,326	Elastic
		918	5,467	10,361	-19,605	-43,456	-0,297	-18,918	Elastic
	307	919	17,111	10,193	-17,385	-67,123	5,553	-25,352	Elastic
	Limi	920	17,941	9,977	-18,184	-67,513	7,215	-25,709	Elastic
		921	17,820	10,671	-14,243	-61,719	6,310	-22,789	Elastic
	308	922	19,091	11,353	-9,878	-52,099	6,590	-18,593	Elastic
	Limi	923	18,476	11,061	-11,804	-56,906	6,716	-20,613	Elastic
		924	19,244	10,768	-12,240	-57,248	7,641	-20,846	Elastic
	309	925	9,759	10,421	-20,179	-50,278	-3,417	-21,137	Elastic
	Limi	926	10,127	10,960	-17,546	-45,949	-3,850	-19,049	Elastic
		927	9,389	11,118	-17,127	-41,662	-3,297	-17,637	Elastic
	310	928	11,246	11,663	-13,748	-44,057	-4,386	-17,342	Elastic
	Limi	929	10,651	11,990	-12,760	-37,727	-4,569	-15,146	Elastic
		930	10,677	11,383	-15,376	-44,154	-4,205	-17,859	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	311	931	13,678	11,210	-13,878	-57,732	-1,828	-21,483	Elastic
	Limi	932	12,993	11,060	-15,177	-57,102	-2,736	-21,684	Elastic
		933	13,265	10,622	-17,036	-61,686	-1,983	-23,617	Elastic
	312	934	7,141	11,091	-16,556	-36,773	-1,171	-15,999	Elastic
	Limi	935	6,483	11,348	-14,843	-33,482	-0,630	-14,498	Elastic
		936	6,690	10,674	-18,532	-40,851	-0,929	-17,815	Elastic
	313	937	6,166	9,260	-24,602	-55,598	-0,917	-24,060	Elastic
	Limi	938	6,297	10,015	-21,367	-47,603	-0,856	-20,691	Elastic
		939	5,493	9,885	-21,832	-48,485	-0,294	-21,095	Elastic
	314	940	18,478	11,884	-8,833	-48,969	5,868	-17,341	Elastic
	Limi	941	18,285	11,340	-10,910	-54,758	6,256	-19,701	Elastic
		942	18,900	11,632	-9,154	-50,120	6,218	-17,782	Elastic
	315	943	20,284	11,464	-7,631	-46,285	6,775	-16,175	Elastic
	Limi	944	19,543	11,454	-8,970	-49,469	6,638	-17,532	Elastic
		945	19,696	10,869	-10,926	-54,557	7,570	-19,645	Elastic
	316	946	11,124	10,231	-20,722	-57,596	-3,473	-23,495	Elastic
	Limi	947	10,561	10,738	-18,371	-50,174	-3,797	-20,564	Elastic
		948	10,192	10,200	-21,014	-54,115	-3,522	-22,539	Elastic
	317	949	18,511	12,423	-7,390	-43,560	5,297	-15,285	Elastic
	Limi	950	19,075	12,785	-6,683	-37,881	5,037	-13,369	Elastic
		951	18,270	12,885	-6,869	-39,725	5,102	-13,978	Elastic
	318	952	8,461	10,165	-21,319	-49,116	-2,555	-21,130	Elastic
	Limi	953	9,342	10,223	-21,207	-51,112	-3,110	-21,696	Elastic
		954	8,972	10,919	-18,010	-42,295	-2,887	-18,091	Elastic
	319	955	7,684	10,172	-21,147	-47,523	-1,845	-20,601	Elastic
	Limi	956	7,442	10,797	-18,181	-40,351	-1,452	-17,559	Elastic
		957	6,991	10,380	-19,963	-44,236	-1,288	-19,260	Elastic
	320	958	7,490	9,782	-22,743	-51,314	-1,821	-22,217	Elastic
	Limi	959	6,797	9,989	-21,668	-48,325	-1,268	-20,998	Elastic
		960	6,665	9,234	-24,742	-56,298	-1,242	-24,312	Elastic
	321	961	17,602	11,930	-9,217	-51,123	5,220	-18,102	Elastic



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Limi	962	17,960	11,415	-10,792	-54,853	5,902	-19,694	Elastic
		963	18,154	11,958	-9,003	-49,335	5,679	-17,501	Elastic
	322	964	19,295	12,548	-6,585	-39,429	5,090	-13,804	Elastic
	Limi	965	18,731	12,186	-7,779	-45,275	5,568	-15,916	Elastic
		966	19,152	11,934	-7,957	-46,193	5,980	-16,245	Elastic
	323	967	7,441	12,104	-10,906	-26,144	-0,725	-11,115	Elastic
	Limi	968	6,670	11,706	-12,945	-29,816	-0,583	-12,829	Elastic
		969	7,329	11,448	-14,745	-33,211	-1,171	-14,387	Elastic
	324	970	18,138	12,293	-8,010	-46,077	5,394	-16,226	Elastic
	Limi	971	17,898	12,755	-7,028	-42,166	5,195	-14,758	Elastic
		972	17,586	12,265	-8,422	-48,251	5,168	-17,002	Elastic
	325	973	10,873	11,011	-16,949	-48,867	-3,958	-19,745	Elastic
	Limi	974	11,436	10,504	-19,023	-56,073	-3,533	-22,529	Elastic
		975	11,442	11,291	-15,311	-48,636	-4,128	-19,184	Elastic
	326	976	19,540	11,853	-7,776	-45,515	6,083	-15,987	Elastic
	Limi	977	20,281	11,864	-6,343	-42,156	5,787	-14,550	Elastic
		978	19,683	12,467	-6,057	-38,555	5,102	-13,384	Elastic
	327	979	8,597	11,108	-17,061	-39,178	-2,573	-16,872	Elastic
	Limi	980	7,843	10,979	-17,355	-38,985	-1,713	-16,902	Elastic
		981	8,086	10,355	-20,489	-46,245	-2,137	-20,020	Elastic
	328	982	8,554	11,535	-14,773	-34,126	-2,322	-14,670	Elastic
	Limi	983	7,912	12,061	-11,771	-27,316	-1,301	-11,726	Elastic
		984	7,800	11,406	-15,165	-34,297	-1,561	-14,839	Elastic
	329	985	20,878	10,361	-11,747	-53,697	8,527	-19,633	Elastic
	Limi	986	20,618	11,191	-8,042	-47,294	7,183	-16,601	Elastic
		987	20,029	10,596	-11,894	-56,175	8,211	-20,421	Elastic
	330	988	20,725	9,883	-15,018	-60,025	9,357	-22,513	Elastic
	Limi	989	19,876	10,118	-14,809	-61,193	8,892	-22,801	Elastic
		990	20,005	9,280	-19,818	-68,702	10,365	-26,556	Elastic
	331	991	16,481	11,390	-11,670	-58,130	3,737	-20,940	Elastic
	Limi	992	16,236	11,742	-10,206	-55,719	3,149	-19,777	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		993	15,902	11,342	-12,067	-59,186	2,561	-21,376	Elastic
	332	994	16,536	11,075	-13,115	-60,572	3,961	-22,106	Elastic
	Limi	995	15,957	11,027	-13,489	-61,595	2,747	-22,525	Elastic
		996	16,458	10,484	-16,009	-65,502	4,113	-24,453	Elastic
	333	997	17,686	11,271	-11,657	-56,807	5,701	-20,539	Elastic
	Limi	998	17,327	11,787	-9,761	-53,172	4,990	-18,880	Elastic
		999	17,056	11,385	-11,527	-57,345	4,821	-20,662	Elastic
	334	1000	17,569	10,940	-13,247	-60,097	5,822	-22,003	Elastic
	Limi	1001	16,939	11,054	-13,036	-60,204	4,768	-21,972	Elastic
		1002	16,860	10,462	-15,951	-65,126	4,878	-24,323	Elastic
4	335	1003	9,150	14,717	-0,002	-0,725	-0,038	-0,218	Tension
	Silice	1004	9,250	14,467	0,000	-2,742	0,010	-0,823	Tension
		1005	9,800	14,717	-0,003	-0,704	0,044	-0,212	Tension
	336	1006	8,783	14,550	0,000	-2,201	0,022	-0,660	Tension
	Silice	1007	8,333	14,050	-0,001	-6,335	0,070	-1,901	Tension
		1008	8,883	14,300	0,000	-4,438	-0,011	-1,331	Tension
	337	1009	8,083	14,133	-0,002	-5,448	0,114	-1,635	Tension
	Silice	1010	8,533	14,633	-0,005	-1,381	0,085	-0,416	Tension
		1011	7,883	14,633	-0,011	-1,353	-0,118	-0,409	Elastic
	338	1012	6,650	14,133	-0,002	-5,596	0,113	-1,680	Tension
	Silice	1013	7,200	14,633	0,000	-1,444	-0,006	-0,433	Tension
		1014	6,550	14,633	0,000	-1,421	0,003	-0,426	Tension
	339	1015	5,867	14,633	0,000	-1,421	0,011	-0,426	Tension
	Silice	1016	5,217	14,633	0,000	-1,421	0,002	-0,426	Tension
		1017	5,217	14,133	0,000	-5,634	0,036	-1,690	Tension
	340	1018	5,467	13,967	-0,243	-7,079	-0,092	-2,197	Elastic
	Silice	1019	6,217	13,967	-0,204	-7,079	0,123	-2,185	Elastic
		1020	6,117	14,467	0,000	-2,829	0,031	-0,849	Tension
341	1021	6,933	13,967	-0,155	-7,104	-0,047	-2,178	Elastic	
Silice	1022	7,683	13,967	-0,119	-7,177	0,029	-2,189	Elastic	
	1023	7,483	14,467	-0,003	-2,934	0,090	-0,881	Tension	

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
5	342	1024	11,308	15,717	0,000	0,000	0,000	0,000	Elastic
	Silice	1025	11,483	15,467	0,000	0,000	0,000	0,000	Elastic
		1026	12,058	15,717	0,000	0,000	0,000	0,000	Elastic
		343	1027	10,925	15,550	0,000	0,000	0,000	0,000
	Silice	1028	10,525	15,050	0,000	0,000	0,000	0,000	Elastic
		1029	11,100	15,300	0,000	0,000	0,000	0,000	Elastic
		344	1030	8,083	15,467	0,000	0,000	0,000	0,000
	Silice	1031	7,883	14,967	0,000	0,000	0,000	0,000	Elastic
		1032	8,533	14,967	0,000	0,000	0,000	0,000	Elastic
		345	1033	6,650	15,467	0,000	0,000	0,000	0,000
	Silice	1034	6,550	14,967	0,000	0,000	0,000	0,000	Elastic
		1035	7,200	14,967	0,000	0,000	0,000	0,000	Elastic
		346	1036	5,867	14,967	0,000	0,000	0,000	0,000
	Silice	1037	5,217	15,467	0,000	0,000	0,000	0,000	Elastic
		1038	5,217	14,967	0,000	0,000	0,000	0,000	Elastic
		347	1039	9,867	15,633	0,000	0,000	0,000	0,000
	Silice	1040	10,217	15,133	0,000	0,000	0,000	0,000	Elastic
		1041	10,617	15,633	0,000	0,000	0,000	0,000	Elastic
		348	1042	6,933	15,633	0,000	0,000	0,000	0,000
	Silice	1043	7,483	15,133	0,000	0,000	0,000	0,000	Elastic
		1044	7,683	15,633	0,000	0,000	0,000	0,000	Elastic
349		1045	9,517	15,467	0,000	0,000	0,000	0,000	Elastic
Silice	1046	9,217	14,967	0,000	0,000	0,000	0,000	Elastic	
	1047	9,867	14,967	0,000	0,000	0,000	0,000	Elastic	
	350	1048	5,467	15,633	0,000	0,000	0,000	0,000	Elastic
Silice	1049	6,117	15,133	0,000	0,000	0,000	0,000	Elastic	
	1050	6,217	15,633	0,000	0,000	0,000	0,000	Elastic	
	351	1051	9,150	15,633	0,000	0,000	0,000	0,000	Elastic
Silice	1052	8,400	15,633	0,000	0,000	0,000	0,000	Elastic	
	1053	8,850	15,133	0,000	0,000	0,000	0,000	Elastic	
	6	352	1054	21,977	13,983	-0,582	-8,303	2,197	-2,665

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Cen di pi	1055	21,952	13,846	-0,847	-9,098	2,776	-2,984	Tension
		1056	22,286	13,846	-0,022	-19,388	0,650	-5,823	Tension
353		1057	21,259	14,201	-0,345	-10,536	-0,347	-3,264	Elastic
Cen di pi		1058	21,250	13,900	-0,003	-15,324	-0,202	-4,598	Tension
		1059	21,601	13,900	-0,001	-13,313	0,083	-3,994	Tension
354		1060	21,019	14,201	-0,112	-12,963	0,033	-3,923	Elastic
Cen di pi		1061	20,641	13,900	-1,776	-17,775	0,664	-5,865	Elastic
		1062	21,010	13,900	-0,002	-15,683	0,166	-4,705	Tension
355		1063	19,610	14,166	-0,601	-18,539	3,339	-5,742	Tension
Cen di pi		1064	19,712	13,892	-5,341	-21,677	3,322	-8,105	Elastic
		1065	20,100	13,892	-4,751	-19,508	1,627	-7,278	Elastic
356		1066	21,726	13,946	-0,648	-12,728	-0,399	-4,013	Elastic
Cen di pi		1067	21,751	14,083	-0,440	-12,115	0,346	-3,766	Elastic
		1068	21,384	14,246	-0,373	-10,235	0,286	-3,182	Elastic
357		1069	19,345	14,166	-2,056	-19,913	4,155	-6,591	Elastic
Cen di pi		1070	19,040	13,892	-3,109	-25,361	5,501	-8,541	PLASTIC
		1071	19,447	13,892	-4,794	-23,540	4,350	-8,500	Elastic
358		1072	18,227	14,371	-1,975	-23,096	4,329	-7,521	PLASTIC
Cen di pi		1073	18,124	13,943	-4,188	-29,751	5,760	-10,182	PLASTIC
		1074	18,552	13,943	-2,975	-26,483	4,816	-8,837	PLASTIC
359		1075	17,934	14,371	-2,799	-23,817	5,513	-7,985	PLASTIC
Cen di pi		1076	17,382	13,943	-5,123	-34,960	5,279	-12,025	PLASTIC
		1077	17,831	13,943	-4,596	-29,495	6,543	-10,227	PLASTIC
360		1078	16,210	14,333	-5,558	-37,080	2,844	-12,791	Elastic
Cen di pi		1079	16,247	13,933	-5,247	-38,999	2,422	-13,274	PLASTIC
		1080	16,720	13,933	-5,400	-38,036	4,040	-13,031	PLASTIC
361		1081	20,498	14,065	-0,002	-16,110	0,160	-4,833	Tension
Cen di pi		1082	20,876	14,366	-1,709	-11,901	0,845	-4,083	Elastic
		1083	20,439	14,560	-1,991	-10,335	0,486	-3,698	Elastic
362		1084	15,887	14,333	-5,246	-36,282	0,987	-12,458	Elastic
Cen di pi		1085	15,428	13,933	-5,259	-39,667	0,412	-13,478	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		1086	15,924	13,933	-5,312	-39,822	1,373	-13,540	PLASTIC
	363	1087	14,230	14,370	-4,219	-35,686	-1,110	-11,971	PLASTIC
	Cen di pi	1088	14,238	13,943	-4,890	-38,006	-1,763	-12,869	PLASTIC
		1089	14,759	13,943	-4,867	-38,327	-0,553	-12,958	PLASTIC
	364	1090	13,874	14,370	-3,596	-32,154	-2,805	-10,725	PLASTIC
	Cen di pi	1091	13,333	13,943	-4,919	-35,137	-4,680	-12,017	PLASTIC
		1092	13,881	13,943	-4,591	-36,108	-2,808	-12,210	PLASTIC
	365	1093	11,987	14,336	-4,008	-23,060	-7,298	-8,121	PLASTIC
	Cen di pi	1094	12,004	13,934	-3,100	-25,410	-5,470	-8,553	PLASTIC
		1095	12,580	13,934	-3,734	-28,344	-5,487	-9,624	PLASTIC
	366	1096	20,150	14,551	-0,940	-10,627	0,979	-3,470	Elastic
	Cen di pi	1097	19,719	14,331	-0,959	-14,668	2,344	-4,688	Elastic
		1098	20,209	14,056	-1,125	-17,443	1,146	-5,570	Elastic
	367	1099	9,074	13,883	-0,001	-8,162	0,109	-2,449	Tension
	Cen di pi	1100	8,956	14,133	-0,002	-5,570	-0,101	-1,671	Tension
		1101	8,406	13,883	-0,001	-8,360	0,065	-2,508	Tension
	368	1102	19,101	14,309	-2,069	-18,712	4,275	-6,234	Elastic
	Cen di pi	1103	18,471	14,463	-3,937	-24,132	7,005	-8,421	Elastic
		1104	18,796	14,034	-4,120	-26,556	6,688	-9,203	PLASTIC
	369	1105	9,441	14,050	0,000	-8,666	-0,035	-2,600	Tension
	Cen di pi	1106	9,873	14,550	-0,016	-1,721	0,168	-0,521	Tension
		1107	9,323	14,300	-0,004	-4,925	0,140	-1,479	Tension
	370	1108	11,593	14,336	-4,581	-16,112	-5,627	-6,208	Elastic
	Cen di pi	1109	11,006	13,934	-4,065	-17,883	-4,466	-6,585	Elastic
		1110	11,611	13,934	-3,706	-24,326	-6,677	-8,410	PLASTIC
	371	1111	16,596	15,267	-9,021	-25,256	0,101	-10,283	Elastic
	Cen di pi	1112	16,297	14,667	-4,234	-33,055	2,884	-11,187	Elastic
		1113	16,807	14,267	-3,700	-32,063	3,278	-10,729	PLASTIC
	372	1114	16,950	15,276	-9,293	-24,621	3,365	-10,174	Elastic
	Cen di pi	1115	17,161	14,276	-3,656	-31,726	3,412	-10,615	PLASTIC
		1116	17,714	14,705	-2,389	-25,142	4,226	-8,259	PLASTIC

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373	Cen di pi	1117	11,447	14,753	-3,901	-10,376	-4,877	-4,283	Elastic
		1118	11,231	15,101	-2,759	-2,858	-1,751	-1,685	Elastic
		1119	10,656	14,851	-0,183	-2,063	-0,614	-0,674	Tension
374	Cen di pi	1120	19,527	14,573	-2,762	-12,805	2,596	-4,670	Elastic
		1121	19,957	14,793	-1,906	-7,749	0,838	-2,896	Elastic
		1122	19,438	15,024	-2,642	-6,272	0,732	-2,674	Elastic
375	Cen di pi	1123	11,830	14,920	-6,141	-11,303	-6,197	-5,233	Elastic
		1124	12,189	15,517	-9,421	-6,708	-6,389	-4,838	Elastic
		1125	11,614	15,267	-4,343	-2,742	-2,598	-2,125	Elastic
376	Cen di pi	1126	10,124	14,467	-0,226	-4,293	0,985	-1,356	Tension
		1127	9,692	13,967	-0,007	-7,150	0,225	-2,147	Tension
		1128	10,328	13,967	-2,263	-14,132	-3,252	-4,919	Elastic
377	Cen di pi	1129	18,308	14,947	-9,041	-24,943	8,514	-10,195	Elastic
		1130	18,849	15,243	-3,394	-3,711	1,779	-2,132	Elastic
		1131	18,231	15,518	-6,862	-10,792	5,854	-5,296	Elastic
378	Cen di pi	1132	15,609	15,600	-26,580	-22,865	0,036	-14,833	Elastic
		1133	15,997	15,000	-3,580	-31,567	1,806	-10,544	Elastic
		1134	16,296	15,600	-25,979	-21,503	-0,117	-14,245	Elastic
379	Cen di pi	1135	14,222	15,037	-4,111	-30,365	-1,676	-10,343	Elastic
		1136	14,821	15,609	-28,422	-21,450	0,650	-14,962	Elastic
		1137	14,134	15,609	-28,609	-22,642	-0,106	-15,375	Elastic
380	Cen di pi	1138	18,543	14,705	-4,332	-18,377	6,521	-6,813	Elastic
		1139	19,173	14,551	-3,376	-15,542	3,883	-5,676	Elastic
		1140	19,084	15,002	-5,808	-9,615	2,728	-4,627	Elastic
381	Cen di pi	1141	12,738	15,022	-4,228	-22,584	-7,614	-8,044	PLASTIC
		1142	12,470	15,456	-11,562	-14,894	-6,661	-7,937	Elastic
		1143	12,111	14,858	-6,293	-15,609	-8,305	-6,570	Elastic
382	Cen di pi	1144	11,323	14,503	-3,402	-12,270	-4,462	-4,702	Elastic
		1145	10,532	14,601	-0,772	-5,296	-2,023	-1,820	Tension
		1146	10,736	14,101	-3,367	-14,121	-3,103	-5,247	Elastic
383		1147	17,109	15,610	-23,494	-22,982	0,746	-13,943	Elastic

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	Cen di pi	1148	17,873	15,038	-2,924	-16,137	6,870	-5,718	Tension
		1149	17,796	15,610	-17,730	-17,701	6,447	-10,629	Elastic
	384 Cen di pi	1150	13,086	15,221	-6,908	-21,941	-5,161	-8,655	Elastic
		1151	13,506	15,655	-30,214	-22,981	-0,202	-15,959	Elastic
		1152	12,818	15,655	-21,117	-18,291	-5,276	-11,822	Elastic
		385 Cen di pi	1153	13,345	15,031	-2,435	-26,826	-3,339	-8,778
		1154	13,853	14,892	-2,002	-26,994	-1,335	-8,699	PLASTIC
		1155	13,765	15,465	-18,556	-22,912	-1,113	-12,440	Elastic
	386 Cen di pi	1156	12,816	14,689	-2,698	-22,507	-5,750	-7,562	PLASTIC
		1157	12,190	14,525	-2,893	-21,354	-6,292	-7,274	PLASTIC
		1158	12,783	14,123	-3,724	-29,808	-4,808	-10,060	PLASTIC
		387 Cen di pi	1159	13,161	14,131	-3,204	-28,258	-4,442	-9,438
		1160	13,702	14,559	-3,603	-32,040	-2,946	-10,693	PLASTIC
		1161	13,194	14,697	-2,502	-26,653	-3,644	-8,746	PLASTIC
	388 Cen di pi	1162	15,027	15,276	-12,389	-25,447	-0,706	-11,351	Elastic
		1163	14,427	14,704	-3,243	-32,110	-0,219	-10,606	PLASTIC
		1164	14,957	14,276	-3,590	-33,412	0,505	-11,101	PLASTIC
		389 Cen di pi	1165	15,356	15,267	-12,115	-25,150	2,393	-11,179
		1166	15,286	14,267	-3,628	-33,591	-0,259	-11,166	PLASTIC
		1167	15,745	14,667	-4,103	-35,209	1,187	-11,793	PLASTIC
7	390 Limi	1168	30,122	13,120	-13,758	-6,545	0,360	-6,091	Elastic
		1169	30,226	13,630	-11,594	-1,613	0,086	-3,962	Elastic
		1170	29,653	13,630	-11,923	-1,606	0,110	-4,059	Elastic
	391 Limi	1171	28,458	13,321	-14,171	-4,599	0,479	-5,631	Elastic
		1172	28,959	13,680	-12,223	-1,133	0,082	-4,007	Elastic
		1173	28,424	13,680	-12,674	-1,102	0,100	-4,133	Elastic
	392 Limi	1174	26,968	13,218	-16,485	-5,634	0,885	-6,636	Elastic
		1175	27,052	13,654	-14,407	-1,381	0,214	-4,736	Elastic
		1176	26,586	13,654	-15,146	-1,361	0,248	-4,952	Elastic
		393 Limi	1177	25,825	13,348	-18,131	-4,365	0,990	-6,749
		1178	26,075	13,687	-15,924	-1,036	0,228	-5,088	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		1179	25,640	13,687	-16,784	-0,999	0,177	-5,335	Elastic
	394	1180	24,442	13,254	-23,219	-5,761	2,379	-8,694	Elastic
	Limi	1181	24,483	13,663	-20,152	-1,345	0,507	-6,449	Elastic
		1182	24,104	13,663	-21,871	-1,251	0,688	-6,937	Elastic
	395	1183	23,484	13,415	-29,457	-6,364	4,293	-10,747	Elastic
	Limi	1184	23,682	13,704	-23,676	-0,274	0,614	-7,185	Elastic
		1185	23,329	13,704	-28,052	-1,978	2,071	-9,009	Elastic
	396	1186	22,610	13,342	-20,432	-24,876	10,895	-13,592	Elastic
	Limi	1187	22,939	13,686	-39,750	-4,071	8,156	-13,146	PLASTIC
		1188	22,610	13,686	-64,001	-43,861	32,295	-32,359	Elastic
	397	1189	24,704	13,254	-21,884	-5,497	1,992	-8,214	Elastic
	Limi	1190	25,150	13,663	-18,167	-1,215	0,315	-5,814	Elastic
		1191	24,744	13,663	-19,350	-1,370	0,352	-6,216	Elastic
	398	1192	23,022	12,515	-24,345	-22,641	6,809	-14,096	Elastic
	Limi	1193	22,630	12,862	-24,561	-23,251	6,003	-14,344	Elastic
		1194	22,630	12,454	-24,335	-24,742	5,647	-14,723	Elastic
	399	1195	23,022	12,217	-24,675	-25,063	6,667	-14,922	Elastic
	Limi	1196	22,630	12,156	-24,364	-26,407	5,522	-15,231	Elastic
		1197	22,630	11,671	-24,609	-29,930	5,333	-16,362	Elastic
	400	1198	27,290	13,218	-15,980	-5,586	0,813	-6,470	Elastic
	Limi	1199	27,873	13,654	-13,372	-1,374	0,153	-4,424	Elastic
		1200	27,374	13,654	-13,977	-1,385	0,182	-4,609	Elastic
	401	1201	23,311	10,259	-26,149	-39,305	6,534	-19,636	Elastic
	Limi	1202	22,703	10,916	-25,792	-35,818	5,454	-18,483	Elastic
		1203	22,703	10,338	-26,572	-40,112	5,425	-20,005	Elastic
	402	1204	31,237	13,630	-11,215	-1,617	0,039	-3,849	Elastic
	Limi	1205	30,622	13,630	-11,423	-1,617	0,066	-3,912	Elastic
		1206	30,519	13,120	-13,536	-6,515	0,317	-6,015	Elastic
	403	1207	32,337	11,481	-18,970	-22,762	0,252	-12,520	Elastic
	Limi	1208	32,834	11,502	-18,866	-22,576	0,058	-12,432	Elastic
		1209	32,834	12,127	-16,764	-16,340	0,044	-9,931	Elastic



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	404	1210	27,467	13,098	-16,175	-6,773	0,908	-6,884	Elastic
	Limi	1211	28,085	13,176	-15,127	-5,995	0,684	-6,337	Elastic
		1212	28,051	13,535	-13,724	-2,539	0,302	-4,879	Elastic
	405	1213	26,097	13,202	-18,046	-5,751	1,204	-7,139	Elastic
	Limi	1214	26,729	13,105	-17,238	-6,744	1,149	-7,195	Elastic
		1215	26,347	13,541	-16,167	-2,470	0,477	-5,591	Elastic
	406	1216	24,900	13,141	-21,365	-6,560	2,137	-8,378	Elastic
	Limi	1217	25,531	13,211	-19,339	-5,745	1,455	-7,525	Elastic
		1218	25,347	13,550	-18,413	-2,401	0,666	-6,244	Elastic
	407	1219	32,125	9,008	-26,301	-48,066	0,599	-22,310	Elastic
	Limi	1220	32,781	9,008	-26,280	-48,066	0,148	-22,304	Elastic
		1221	32,781	9,633	-24,635	-41,605	0,145	-19,872	Elastic
	408	1222	24,250	13,158	-23,990	-6,815	3,346	-9,242	Elastic
	Limi	1223	23,912	13,567	-24,702	-2,482	1,382	-8,155	Elastic
		1224	23,714	13,278	-26,811	-5,900	3,894	-9,813	Elastic
	409	1225	22,771	13,246	-30,790	-25,592	10,481	-16,915	Elastic
	Limi	1226	23,256	13,300	-30,243	-8,970	8,792	-11,764	Elastic
		1227	23,101	13,589	-34,706	-5,316	6,684	-12,007	Elastic
	410	1228	23,277	13,070	-29,406	-16,003	9,464	-13,623	Elastic
	Limi	1229	22,792	13,016	-24,146	-21,696	7,309	-13,753	Elastic
		1230	23,184	12,669	-25,300	-20,106	7,895	-13,622	Elastic
	411	1231	32,337	11,065	-20,351	-26,970	0,315	-14,196	Elastic
	Limi	1232	32,834	10,460	-22,243	-33,125	0,092	-16,610	Elastic
		1233	32,834	11,085	-20,236	-26,770	0,080	-14,102	Elastic
	412	1234	32,121	13,592	-11,165	-1,981	0,041	-3,944	Elastic
	Limi	1235	32,780	12,967	-13,617	-8,031	0,027	-6,494	Elastic
		1236	32,780	13,592	-11,092	-1,991	0,013	-3,925	Elastic
	413	1237	23,753	11,675	-24,789	-25,628	6,878	-15,125	Elastic
	Limi	1238	23,303	12,097	-24,886	-24,691	6,942	-14,873	Elastic
		1239	22,911	11,551	-25,200	-30,504	5,985	-16,711	Elastic
	414	1240	22,703	9,231	-27,836	-46,018	5,135	-22,156	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Limi	1241	23,311	9,837	-27,251	-43,563	6,765	-21,244	Elastic
		1242	22,703	9,917	-26,852	-42,389	5,657	-20,772	Elastic
415	Limi	1243	23,967	9,609	-26,973	-45,443	7,476	-21,725	Elastic
		1244	24,015	9,002	-28,156	-50,715	7,571	-23,661	Elastic
	Limi	1245	24,672	9,002	-27,804	-51,320	7,270	-23,737	Elastic
		1246	27,866	12,543	-17,768	-12,336	1,456	-9,031	Elastic
416	Limi	1247	28,038	12,928	-16,130	-8,439	0,957	-7,371	Elastic
		1248	27,421	12,850	-17,243	-9,267	1,304	-7,953	Elastic
417	Limi	1249	25,504	12,419	-21,972	-14,011	3,361	-10,795	Elastic
		1250	25,571	12,928	-20,244	-8,661	2,160	-8,671	Elastic
	Limi	1251	24,940	12,858	-22,459	-9,705	3,131	-9,649	Elastic
		1252	23,530	9,609	-26,732	-44,669	6,846	-21,420	Elastic
418	Limi	1253	22,922	9,002	-29,976	-49,232	6,170	-23,762	Elastic
		1254	23,578	9,002	-28,114	-49,950	7,275	-23,419	Elastic
419	Limi	1255	26,351	9,469	-26,654	-45,440	5,502	-21,628	Elastic
		1256	25,596	8,967	-27,649	-51,366	6,502	-23,704	Elastic
	Limi	1257	26,252	8,967	-27,537	-50,879	5,777	-23,525	Elastic
		1258	24,153	12,928	-24,336	-9,265	4,430	-10,080	Elastic
420	Limi	1259	23,617	13,048	-26,974	-10,382	6,451	-11,207	Elastic
		1260	23,524	12,647	-27,059	-17,905	7,544	-13,489	Elastic
421	Limi	1261	29,523	9,518	-25,478	-43,232	2,435	-20,613	Elastic
		1262	29,342	8,979	-26,792	-48,981	2,747	-22,732	Elastic
	Limi	1263	29,998	8,979	-26,668	-48,748	2,208	-22,625	Elastic
		1264	24,272	12,653	-25,274	-13,746	5,210	-11,706	Elastic
422	Limi	1265	23,643	12,373	-25,198	-18,583	7,000	-13,134	Elastic
		1266	24,094	11,951	-24,943	-21,876	6,579	-14,046	Elastic
423	Limi	1267	26,788	9,469	-26,462	-45,072	5,014	-21,460	Elastic
		1268	26,689	8,967	-27,454	-50,564	5,306	-23,405	Elastic
	Limi	1269	27,346	8,967	-27,312	-50,106	4,618	-23,225	Elastic
		1270	29,086	9,518	-25,630	-43,426	2,816	-20,717	Elastic
424	Limi	1271	28,248	8,979	-26,999	-49,401	3,699	-22,920	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		1272	28,904	8,979	-26,884	-49,149	3,121	-22,810	Elastic
	425	1273	31,111	9,610	-24,868	-41,993	1,244	-20,058	Elastic
	Limi	1274	30,723	9,002	-26,447	-48,306	1,618	-22,426	Elastic
		1275	31,379	9,002	-26,388	-48,217	1,147	-22,382	Elastic
	426	1276	28,674	12,612	-16,728	-11,595	1,074	-8,497	Elastic
	Limi	1277	28,352	12,868	-16,070	-9,062	0,916	-7,539	Elastic
		1278	28,179	12,484	-17,624	-12,881	1,375	-9,152	Elastic
	427	1279	28,899	12,860	-15,604	-9,136	0,783	-7,422	Elastic
	Limi	1280	29,078	13,475	-12,977	-3,063	0,258	-4,812	Elastic
		1281	28,576	13,116	-14,886	-6,610	0,643	-6,449	Elastic
	428	1282	26,624	12,822	-18,539	-9,576	1,637	-8,435	Elastic
	Limi	1283	25,992	12,919	-19,312	-8,675	1,858	-8,396	Elastic
		1284	25,925	12,410	-21,241	-14,080	2,981	-10,596	Elastic
	429	1285	24,491	11,898	-25,056	-21,799	6,034	-14,056	Elastic
	Limi	1286	25,234	12,161	-23,229	-17,008	4,334	-12,071	Elastic
		1287	24,670	12,600	-23,504	-12,605	4,183	-10,833	Elastic
	430	1288	27,192	11,803	-21,024	-20,096	2,788	-12,336	Elastic
	Limi	1289	27,654	12,262	-19,024	-15,187	1,902	-10,263	Elastic
		1290	27,210	12,569	-18,492	-12,052	1,755	-9,163	Elastic
	431	1291	29,223	12,810	-15,480	-9,581	0,740	-7,518	Elastic
	Limi	1292	29,871	12,915	-14,669	-8,547	0,531	-6,965	Elastic
		1293	29,402	13,425	-12,990	-3,595	0,259	-4,976	Elastic
	432	1294	23,826	11,274	-25,624	-29,987	6,902	-16,683	Elastic
	Limi	1295	22,984	11,149	-25,187	-32,808	5,997	-17,398	Elastic
		1296	23,592	10,492	-26,138	-37,360	6,726	-19,049	Elastic
	433	1297	31,813	12,194	-16,592	-15,649	0,336	-9,672	Elastic
	Limi	1298	32,082	11,654	-18,484	-21,081	0,345	-11,870	Elastic
		1299	32,579	12,300	-16,073	-14,595	0,100	-9,200	Elastic
	434	1300	29,872	9,720	-24,846	-41,050	2,109	-19,769	Elastic
	Limi	1301	30,346	9,182	-26,120	-46,551	1,875	-21,801	Elastic
		1302	30,734	9,789	-24,386	-40,139	1,458	-19,358	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	435	1303	28,440	11,875	-19,505	-19,066	1,851	-11,571	Elastic
	Limi	1304	28,696	12,364	-17,553	-14,048	1,288	-9,480	Elastic
		1305	28,201	12,235	-18,512	-15,411	1,633	-10,177	Elastic
	436	1306	32,473	9,836	-24,024	-39,506	0,315	-19,059	Elastic
	Limi	1307	31,549	9,818	-24,180	-39,765	0,924	-19,184	Elastic
		1308	31,817	9,211	-25,843	-46,039	0,817	-21,564	Elastic
	437	1309	28,121	11,679	-20,394	-21,128	2,241	-12,456	Elastic
	Limi	1310	27,882	12,040	-19,533	-17,455	2,030	-11,096	Elastic
		1311	27,420	11,581	-21,295	-22,283	2,851	-13,073	Elastic
	438	1312	26,130	12,122	-21,719	-16,992	3,277	-11,613	Elastic
	Limi	1313	26,811	11,768	-21,454	-20,444	3,152	-12,570	Elastic
		1314	26,828	12,534	-19,261	-12,541	2,053	-9,541	Elastic
	439	1315	30,854	11,469	-19,341	-22,950	0,877	-12,687	Elastic
	Limi	1316	31,650	11,447	-19,198	-23,128	0,553	-12,698	Elastic
		1317	31,382	11,986	-17,484	-17,749	0,533	-10,570	Elastic
	440	1318	31,300	12,656	-15,010	-11,099	0,338	-7,833	Elastic
	Limi	1319	31,407	13,387	-12,155	-3,931	0,122	-4,826	Elastic
		1320	30,688	12,877	-14,440	-8,926	0,389	-7,010	Elastic
	441	1321	29,189	11,927	-18,710	-18,453	1,411	-11,149	Elastic
	Limi	1322	28,943	12,287	-17,687	-14,854	1,251	-9,762	Elastic
		1323	28,687	11,797	-19,474	-19,788	1,780	-11,779	Elastic
	442	1324	25,239	11,023	-24,763	-29,623	5,884	-16,316	Elastic
	Limi	1325	25,377	11,767	-23,828	-21,592	4,926	-13,626	Elastic
		1326	24,634	11,504	-24,729	-25,200	6,115	-14,979	Elastic
	443	1327	27,959	10,772	-22,998	-30,578	3,094	-16,073	Elastic
	Limi	1328	28,140	11,362	-21,252	-24,385	2,510	-13,691	Elastic
		1329	27,440	11,264	-22,212	-25,627	3,178	-14,352	Elastic
	444	1330	31,602	10,228	-22,982	-35,520	0,810	-17,550	Elastic
	Limi	1331	32,526	10,246	-22,853	-35,313	0,282	-17,450	Elastic
		1332	32,029	10,850	-21,114	-29,193	0,479	-15,092	Elastic
	445	1333	30,477	12,461	-16,028	-13,021	0,614	-8,715	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Limi	1334	30,561	11,723	-18,656	-20,446	0,920	-11,730	Elastic
		1335	31,089	12,240	-16,634	-15,216	0,535	-9,555	Elastic
	446	1336	31,170	10,437	-22,536	-33,465	1,027	-16,800	Elastic
		Limi	1337	31,597	11,059	-20,455	-27,038	0,650	-14,248
			1338	30,801	11,082	-20,599	-26,876	1,050	-14,243
	447	1339	24,913	10,675	-25,409	-33,625	6,450	-17,710	Elastic
		Limi	1340	24,308	11,156	-25,268	-29,738	6,668	-16,502
			1341	24,074	10,374	-26,281	-37,920	7,206	-19,261
	448	1342	29,894	12,590	-15,864	-11,755	0,707	-8,286	Elastic
		Limi	1343	29,245	12,485	-16,727	-12,836	0,988	-8,869
			1344	29,491	12,125	-17,858	-16,429	1,148	-10,286
	449	1345	29,084	11,245	-20,933	-25,437	1,936	-13,911	Elastic
		Limi	1346	29,224	11,667	-19,503	-21,078	1,568	-12,174
			1347	28,722	11,537	-20,324	-22,489	1,975	-12,844
	450	1348	28,856	11,005	-21,800	-27,949	2,258	-14,925	Elastic
		Limi	1349	28,494	11,297	-21,182	-24,996	2,300	-13,853
			1350	28,313	10,708	-22,963	-31,172	2,854	-16,241
	451	1351	26,533	11,383	-22,886	-24,675	3,919	-14,268	Elastic
		Limi	1352	25,851	11,737	-22,845	-21,168	4,220	-13,204
			1353	25,713	10,993	-24,588	-29,628	5,375	-16,265
	452	1354	26,941	10,171	-25,096	-37,550	4,556	-18,794	Elastic
		Limi	1355	27,659	10,475	-23,983	-33,872	3,600	-17,357
			1356	27,140	10,966	-23,156	-28,799	3,714	-15,587
	453	1357	29,878	10,137	-23,672	-36,691	1,949	-18,109	Elastic
		Limi	1358	30,741	10,207	-23,257	-35,849	1,362	-17,732
			1359	30,371	10,851	-21,540	-29,310	1,372	-15,255
	454	1360	29,735	11,914	-18,404	-18,528	1,173	-11,079	Elastic
		Limi	1361	30,222	11,641	-19,034	-21,238	1,105	-12,082
			1362	30,138	12,379	-16,554	-13,889	0,760	-9,133
	455	1363	29,155	10,154	-23,940	-36,692	2,489	-18,190	Elastic
		Limi	1364	29,021	10,719	-22,529	-30,876	2,326	-16,021

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
		1365	28,479	10,422	-23,635	-34,102	2,891	-17,321	Elastic
	456	1366	28,244	10,054	-24,587	-38,039	3,298	-18,788	Elastic
	Limi	1367	28,083	9,248	-26,554	-46,719	3,800	-21,982	Elastic
		1368	28,921	9,786	-24,974	-40,608	2,824	-19,675	Elastic
	457	1369	27,779	10,042	-24,910	-38,449	3,767	-19,008	Elastic
	Limi	1370	27,061	9,738	-25,864	-42,045	4,620	-20,373	Elastic
		1371	27,618	9,236	-26,658	-47,029	4,245	-22,106	Elastic
	458	1372	31,866	13,348	-12,231	-4,339	0,082	-4,971	Elastic
	Limi	1373	31,760	12,617	-15,018	-11,459	0,249	-7,943	Elastic
		1374	32,525	12,723	-14,537	-10,416	0,096	-7,486	Elastic
	459	1375	30,039	11,017	-21,082	-27,590	1,491	-14,601	Elastic
	Limi	1376	29,411	10,868	-21,863	-29,249	1,961	-15,334	Elastic
		1377	29,546	10,303	-23,442	-35,121	2,134	-17,569	Elastic
	460	1378	30,041	11,345	-20,133	-24,263	1,344	-13,319	Elastic
	Limi	1379	29,554	11,619	-19,468	-21,545	1,430	-12,304	Elastic
		1380	29,413	11,197	-20,850	-25,850	1,760	-14,010	Elastic
	461	1381	25,874	10,610	-24,920	-33,473	5,438	-17,518	Elastic
	Limi	1382	26,495	10,204	-25,170	-37,384	5,007	-18,766	Elastic
		1383	26,693	11,000	-23,610	-28,802	4,200	-15,723	Elastic
	462	1384	25,422	9,270	-27,259	-48,229	6,608	-22,646	Elastic
	Limi	1385	26,177	9,772	-26,174	-42,297	5,570	-20,541	Elastic
		1386	25,556	10,177	-25,715	-38,427	6,091	-19,243	Elastic
	463	1387	24,935	9,305	-27,214	-48,158	7,065	-22,611	Elastic
	Limi	1388	25,070	10,212	-26,064	-38,546	6,613	-19,383	Elastic
		1389	24,231	9,911	-26,576	-42,180	7,230	-20,627	Elastic
8	464	1390	22,397	14,379	-0,038	-8,382	0,567	-2,526	Tension
	Cen di pi	1391	22,088	14,116	-0,152	-13,841	1,449	-4,198	Tension
		1392	22,397	13,979	-0,177	-14,694	1,614	-4,461	Tension
	465	1393	22,397	14,876	0,000	0,000	0,000	0,000	Tension
	Cen di pi	1394	22,397	15,276	0,000	0,000	0,000	0,000	Tension
1395		22,088	15,303	0,000	0,000	0,000	0,000	Tension	

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	466	1396	21,270	14,763	-1,004	-3,918	0,067	-1,477	Elastic
	Cen di pi	1397	21,637	15,290	-0,608	-0,044	0,164	-0,196	Tension
		1398	21,270	15,323	-0,467	-0,078	0,192	-0,164	Tension
		467	1399	21,760	15,049	-0,783	-0,175	0,370	-0,287
	Cen di pi	1400	21,393	14,522	-0,794	-7,617	0,203	-2,523	Elastic
		1401	21,760	14,359	-0,771	-11,234	0,720	-3,602	Elastic
		468	1402	21,002	14,787	-0,325	-6,616	-0,711	-2,082
	Cen di pi	1403	21,002	15,347	-0,567	-0,139	0,280	-0,212	Tension
		1404	20,565	15,385	-0,353	-0,199	0,265	-0,166	Tension
		469	1405	20,420	15,264	-0,248	-1,665	0,318	-0,574
	Cen di pi	1406	20,420	14,859	-0,049	-6,575	0,107	-1,987	Elastic
		1407	20,857	14,665	-0,053	-8,566	-0,309	-2,586	Elastic
		470	1408	21,985	15,082	-0,394	-2,275	0,947	-0,801
	Cen di pi	1409	21,985	14,392	-0,613	-3,006	1,357	-1,086	Tension
		1410	22,294	14,655	-0,119	-8,166	0,987	-2,486	Tension
		471	1411	20,101	15,074	-0,120	-4,546	0,375	-1,400
	Cen di pi	1412	20,101	15,478	-0,593	-0,422	0,234	-0,305	Elastic
		1413	19,582	15,525	-0,255	-0,330	-0,168	-0,175	Elastic
		472	1414	19,409	15,467	-0,073	-1,427	-0,027	-0,450
Cen di pi	1415	19,409	15,247	0,000	-3,913	-0,022	-1,174	Tension	
	1416	19,928	15,016	-0,013	-4,930	-0,251	-1,483	Tension	
	473	1417	19,029	15,416	-0,008	-2,965	-0,155	-0,892	Tension
Cen di pi	1418	19,029	15,635	-0,004	-0,640	-0,053	-0,193	Tension	
	1419	18,412	15,690	-0,005	-0,919	0,067	-0,277	Tension	
	9	474	1420	22,610	14,333	0,000	0,000	0,000	0,000
Cen di pi		1421	22,610	13,933	0,000	0,000	0,000	0,000	Elastic
		1422	22,939	13,933	0,000	0,000	0,000	0,000	Elastic
		475	1423	23,801	14,131	0,000	0,000	0,000	0,000
Cen di pi		1424	23,408	13,883	0,000	0,000	0,000	0,000	Elastic
		1425	23,761	13,883	0,000	0,000	0,000	0,000	Elastic
	476	1426	24,045	14,131	0,000	0,000	0,000	0,000	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Cen di pi	1427	24,005	13,883	0,000	0,000	0,000	0,000	Elastic
		1428	24,383	13,883	0,000	0,000	0,000	0,000	Elastic
477		1429	25,123	14,090	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1430	24,849	13,873	0,000	0,000	0,000	0,000	Elastic
		1431	25,255	13,873	0,000	0,000	0,000	0,000	Elastic
478		1432	25,404	14,090	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1433	25,535	13,873	0,000	0,000	0,000	0,000	Elastic
		1434	25,970	13,873	0,000	0,000	0,000	0,000	Elastic
479		1435	27,065	14,198	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1436	26,610	13,899	0,000	0,000	0,000	0,000	Elastic
		1437	27,076	13,899	0,000	0,000	0,000	0,000	Elastic
480		1438	25,988	14,996	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1439	26,116	15,299	0,000	0,000	0,000	0,000	Elastic
		1440	25,681	15,299	0,000	0,000	0,000	0,000	Elastic
481		1441	24,530	15,081	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1442	24,505	15,320	0,000	0,000	0,000	0,000	Elastic
		1443	24,126	15,320	0,000	0,000	0,000	0,000	Elastic
482		1444	23,590	15,082	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1445	23,708	15,321	0,000	0,000	0,000	0,000	Elastic
		1446	23,355	15,321	0,000	0,000	0,000	0,000	Elastic
483		1447	22,610	14,867	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1448	22,939	15,267	0,000	0,000	0,000	0,000	Elastic
		1449	22,610	15,267	0,000	0,000	0,000	0,000	Elastic
484		1450	24,792	15,081	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1451	25,172	15,320	0,000	0,000	0,000	0,000	Elastic
		1452	24,766	15,320	0,000	0,000	0,000	0,000	Elastic
485		1453	26,288	14,996	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1454	26,882	15,299	0,000	0,000	0,000	0,000	Elastic
		1455	26,416	15,299	0,000	0,000	0,000	0,000	Elastic
486		1456	27,387	14,198	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1457	27,398	13,899	0,000	0,000	0,000	0,000	Elastic



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		1458	27,897	13,899	0,000	0,000	0,000	0,000	Elastic
	487	1459	28,059	14,990	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1460	28,065	15,298	0,000	0,000	0,000	0,000	Elastic
		1461	27,566	15,298	0,000	0,000	0,000	0,000	Elastic
	488	1462	22,851	14,416	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1463	23,180	14,016	0,000	0,000	0,000	0,000	Elastic
		1464	23,574	14,265	0,000	0,000	0,000	0,000	Elastic
	489	1465	28,992	14,145	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1466	28,557	13,886	0,000	0,000	0,000	0,000	Elastic
		1467	29,093	13,886	0,000	0,000	0,000	0,000	Elastic
	490	1468	28,404	14,990	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1469	28,946	15,298	0,000	0,000	0,000	0,000	Elastic
		1470	28,410	15,298	0,000	0,000	0,000	0,000	Elastic
	491	1471	23,842	15,003	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1472	24,365	15,002	0,000	0,000	0,000	0,000	Elastic
		1473	23,961	15,241	0,000	0,000	0,000	0,000	Elastic
	492	1474	24,875	14,173	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1475	24,263	14,204	0,000	0,000	0,000	0,000	Elastic
		1476	24,601	13,955	0,000	0,000	0,000	0,000	Elastic
	493	1477	22,798	14,787	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1478	23,362	14,949	0,000	0,000	0,000	0,000	Elastic
		1479	23,127	15,187	0,000	0,000	0,000	0,000	Elastic
	494	1480	29,362	14,145	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1481	29,462	13,886	0,000	0,000	0,000	0,000	Elastic
		1482	30,036	13,886	0,000	0,000	0,000	0,000	Elastic
	495	1483	30,261	14,333	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1484	30,261	15,133	0,000	0,000	0,000	0,000	Elastic
		1485	29,687	15,133	0,000	0,000	0,000	0,000	Elastic
	496	1486	25,716	14,916	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1487	25,409	15,219	0,000	0,000	0,000	0,000	Elastic
		1488	25,029	14,980	0,000	0,000	0,000	0,000	Elastic

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
497	Cen di pi	1489	25,944	14,535	0,000	0,000	0,000	0,000	Elastic
		1490	25,506	14,256	0,000	0,000	0,000	0,000	Elastic
		1491	26,072	14,038	0,000	0,000	0,000	0,000	Elastic
498	Cen di pi	1492	26,284	14,562	0,000	0,000	0,000	0,000	Elastic
		1493	26,412	14,065	0,000	0,000	0,000	0,000	Elastic
		1494	26,867	14,363	0,000	0,000	0,000	0,000	Elastic
499	Cen di pi	1495	30,657	14,867	0,000	0,000	0,000	0,000	Elastic
		1496	30,657	14,067	0,000	0,000	0,000	0,000	Elastic
		1497	31,272	14,067	0,000	0,000	0,000	0,000	Elastic
500	Cen di pi	1498	31,477	14,333	0,000	0,000	0,000	0,000	Elastic
		1499	31,477	15,133	0,000	0,000	0,000	0,000	Elastic
		1500	30,862	15,133	0,000	0,000	0,000	0,000	Elastic
501	Cen di pi	1501	27,022	14,630	0,000	0,000	0,000	0,000	Elastic
		1502	27,034	15,132	0,000	0,000	0,000	0,000	Elastic
		1503	26,440	14,828	0,000	0,000	0,000	0,000	Elastic
502	Cen di pi	1504	27,385	14,629	0,000	0,000	0,000	0,000	Elastic
		1505	27,889	14,823	0,000	0,000	0,000	0,000	Elastic
		1506	27,396	15,130	0,000	0,000	0,000	0,000	Elastic
503	Cen di pi	1507	23,652	14,452	0,000	0,000	0,000	0,000	Elastic
		1508	23,493	14,765	0,000	0,000	0,000	0,000	Elastic
		1509	22,929	14,603	0,000	0,000	0,000	0,000	Elastic
504	Cen di pi	1510	28,055	14,556	0,000	0,000	0,000	0,000	Elastic
		1511	27,551	14,362	0,000	0,000	0,000	0,000	Elastic
		1512	28,062	14,064	0,000	0,000	0,000	0,000	Elastic
505	Cen di pi	1513	24,985	14,786	0,000	0,000	0,000	0,000	Elastic
		1514	25,234	14,443	0,000	0,000	0,000	0,000	Elastic
		1515	25,672	14,722	0,000	0,000	0,000	0,000	Elastic
506	Cen di pi	1516	28,370	14,543	0,000	0,000	0,000	0,000	Elastic
		1517	28,377	14,050	0,000	0,000	0,000	0,000	Elastic
		1518	28,811	14,309	0,000	0,000	0,000	0,000	Elastic
507		1519	24,014	14,506	0,000	0,000	0,000	0,000	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element effective stresses

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	$\sigma'_{xx}$ [kN/m <sup>2</sup> ]	$\sigma'_{yy}$ [kN/m <sup>2</sup> ]	$\sigma'_{xy}$ [kN/m <sup>2</sup> ]	$\sigma'_{zz}$ [kN/m <sup>2</sup> ]	Status
	Cen di pi	1520	24,378	14,818	0,000	0,000	0,000	0,000	Elastic
		1521	23,856	14,819	0,000	0,000	0,000	0,000	Elastic
	508	1522	28,990	14,576	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1523	29,091	15,117	0,000	0,000	0,000	0,000	Elastic
		1524	28,549	14,810	0,000	0,000	0,000	0,000	Elastic
	509	1525	24,271	14,391	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1526	24,884	14,360	0,000	0,000	0,000	0,000	Elastic
		1527	24,635	14,703	0,000	0,000	0,000	0,000	Elastic
	510	1528	29,462	14,953	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1529	29,362	14,411	0,000	0,000	0,000	0,000	Elastic
		1530	30,036	14,153	0,000	0,000	0,000	0,000	Elastic
	511	1531	32,780	14,333	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1532	32,780	15,133	0,000	0,000	0,000	0,000	Elastic
		1533	32,121	15,133	0,000	0,000	0,000	0,000	Elastic
	512	1534	32,561	14,067	0,000	0,000	0,000	0,000	Elastic
	Cen di pi	1535	31,902	14,867	0,000	0,000	0,000	0,000	Elastic
		1536	31,902	14,067	0,000	0,000	0,000	0,000	Elastic

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
1	1 Sabbia	1	32,067	2,192	0,000	-132,844	15,476
		2	32,767	2,192	0,000	-132,838	15,475
		3	32,767	2,767	0,000	-127,084	15,475
	2 Sabbia	4	32,067	4,108	0,000	-113,646	15,473
		5	32,767	3,533	0,000	-119,405	15,474
		6	32,767	4,108	0,000	-113,640	15,472
	3 Sabbia	7	13,826	2,499	0,000	-131,772	15,676
		8	13,682	2,125	0,000	-135,535	15,678
		9	14,382	2,125	0,000	-135,436	15,668
	4 Sabbia	10	9,433	2,767	0,000	-129,717	15,738
		11	9,433	2,192	0,000	-135,466	15,738
		12	10,133	2,192	0,000	-135,368	15,728
	5 Sabbia	13	6,820	2,767	0,000	-130,081	15,775
		14	6,680	2,192	0,000	-135,850	15,777
		15	7,380	2,192	0,000	-135,752	15,767
	6 Sabbia	16	16,439	2,671	0,000	-129,675	15,639
		17	16,435	2,168	0,000	-134,710	15,639
		18	17,135	2,168	0,000	-134,609	15,629
	7 Sabbia	19	19,233	2,767	0,000	-128,317	15,598
		20	19,233	2,192	0,000	-134,067	15,598
		21	19,933	2,192	0,000	-133,965	15,588
	8 Sabbia	22	22,033	2,767	0,000	-127,916	15,558
		23	22,033	2,192	0,000	-133,667	15,558

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		24	22,733	2,192	0,000	-133,571	15,549
	9	25	24,833	2,767	0,000	-127,558	15,522
	Sabbia	26	24,833	2,192	0,000	-133,310	15,523
		27	25,533	2,192	0,000	-133,234	15,515
	10	28	27,332	2,747	0,000	-127,509	15,498
	Sabbia	29	26,508	2,187	0,000	-133,187	15,505
		30	27,208	2,187	0,000	-133,126	15,499
	11	31	29,261	2,631	0,000	-128,547	15,485
	Sabbia	32	29,090	2,158	0,000	-133,288	15,486
		33	29,790	2,158	0,000	-133,252	15,483
	12	34	30,471	3,638	0,000	-118,397	15,478
	Sabbia	35	31,143	4,135	0,000	-113,401	15,475
		36	30,443	4,135	0,000	-113,423	15,477
	13	37	30,005	3,638	0,000	-118,416	15,480
	Sabbia	38	29,976	4,135	0,000	-113,442	15,479
		39	29,276	4,135	0,000	-113,475	15,482
	14	40	27,799	3,514	0,000	-119,794	15,493
	Sabbia	41	28,375	4,103	0,000	-113,842	15,488
		42	27,675	4,103	0,000	-113,892	15,493
	15	43	5,933	4,108	0,000	-116,787	15,787
	Sabbia	44	5,233	4,108	0,000	-116,884	15,797
		45	5,233	3,533	0,000	-122,634	15,797
	16	46	5,933	2,192	0,000	-135,953	15,787

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Sabbia	47	5,233	2,767	0,000	-130,301	15,797
		48	5,233	2,192	0,000	-136,051	15,797
17	Sabbia	49	24,367	3,533	0,000	-119,936	15,527
		50	24,367	4,108	0,000	-114,173	15,526
		51	23,667	4,108	0,000	-114,262	15,535
18	Sabbia	52	12,515	2,125	0,000	-135,701	15,695
		53	13,215	2,125	0,000	-135,602	15,685
		54	13,360	2,499	0,000	-131,838	15,683
19	Sabbia	55	22,033	3,533	0,000	-120,245	15,558
		56	22,733	4,108	0,000	-114,389	15,547
		57	22,033	4,108	0,000	-114,488	15,557
20	Sabbia	58	8,267	2,192	0,000	-135,629	15,755
		59	8,967	2,192	0,000	-135,531	15,745
		60	8,967	2,767	0,000	-129,782	15,745
21	Sabbia	61	5,513	2,958	0,000	-128,346	15,793
		62	6,213	2,383	0,000	-133,998	15,783
		63	6,353	2,958	0,000	-128,230	15,781
22	Sabbia	64	21,567	3,533	0,000	-120,311	15,564
		65	21,567	4,108	0,000	-114,556	15,564
		66	20,867	4,108	0,000	-114,659	15,574
23	Sabbia	67	15,268	2,168	0,000	-134,878	15,656
		68	15,968	2,168	0,000	-134,778	15,646
		69	15,972	2,671	0,000	-129,743	15,646

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	24 Sabbia	70	18,767	3,533	0,000	-120,719	15,605
		71	18,767	4,108	0,000	-114,968	15,605
		72	18,067	4,108	0,000	-115,070	15,615
	25 Sabbia	73	18,067	2,192	0,000	-134,236	15,615
		74	18,767	2,192	0,000	-134,134	15,605
		75	18,767	2,767	0,000	-128,385	15,605
	26 Sabbia	76	20,867	2,192	0,000	-133,831	15,575
		77	21,567	2,192	0,000	-133,732	15,565
		78	21,567	2,767	0,000	-127,981	15,565
	27 Sabbia	79	23,667	2,192	0,000	-133,450	15,537
		80	24,367	2,192	0,000	-133,365	15,528
		81	24,367	2,767	0,000	-127,612	15,528
	28 Sabbia	82	14,600	3,728	0,000	-119,370	15,665
		83	14,575	4,157	0,000	-115,087	15,666
		84	13,875	4,157	0,000	-115,186	15,676
	29 Sabbia	85	28,375	2,187	0,000	-133,039	15,491
		86	27,799	2,747	0,000	-127,472	15,494
		87	27,675	2,187	0,000	-133,089	15,496
	30 Sabbia	88	28,089	2,905	0,000	-125,873	15,492
		89	28,665	2,344	0,000	-131,444	15,489
		90	28,835	2,817	0,000	-126,701	15,487
	31 Sabbia	91	8,967	3,533	0,000	-122,115	15,745
		92	8,967	4,108	0,000	-116,365	15,745

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		93	8,267	4,108	0,000	-116,463	15,755
	32	94	6,820	3,533	0,000	-122,415	15,775
	Sabbia	95	7,380	4,108	0,000	-116,586	15,767
		96	6,680	4,108	0,000	-116,683	15,777
	33	97	26,508	4,103	0,000	-113,990	15,502
	Sabbia	98	27,332	3,514	0,000	-119,830	15,497
		99	27,208	4,103	0,000	-113,929	15,496
	34	100	12,047	3,687	0,000	-120,149	15,702
	Sabbia	101	12,887	4,147	0,000	-115,431	15,690
		102	12,187	4,147	0,000	-115,530	15,700
	35	103	11,580	3,687	0,000	-120,215	15,708
	Sabbia	104	11,720	4,147	0,000	-115,596	15,706
		105	11,020	4,147	0,000	-115,694	15,716
	36	106	9,433	3,533	0,000	-122,050	15,738
	Sabbia	107	10,133	4,108	0,000	-116,202	15,728
		108	9,433	4,108	0,000	-116,300	15,738
	37	109	25,533	4,108	0,000	-114,039	15,512
	Sabbia	110	24,833	4,108	0,000	-114,117	15,520
		111	24,833	3,533	0,000	-119,881	15,521
	38	112	15,066	3,728	0,000	-119,304	15,659
	Sabbia	113	15,742	4,157	0,000	-114,920	15,649
		114	15,042	4,157	0,000	-115,020	15,659
	39	115	30,471	2,872	0,000	-126,078	15,480



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

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Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Sabbia	116	30,443	2,218	0,000	-132,622	15,480
		117	31,143	2,218	0,000	-132,600	15,478
	40 Sabbia	118	16,439	3,438	0,000	-122,009	15,639
		119	17,135	4,084	0,000	-115,444	15,629
		120	16,435	4,084	0,000	-115,545	15,639
	41 Sabbia	121	19,233	3,533	0,000	-120,650	15,598
		122	19,933	4,108	0,000	-114,796	15,588
		123	19,233	4,108	0,000	-114,899	15,598
	42 Sabbia	124	6,213	3,917	0,000	-118,665	15,783
		125	5,513	3,342	0,000	-124,512	15,793
		126	6,353	3,342	0,000	-124,396	15,781
	43 Sabbia	127	31,376	2,601	0,000	-128,758	15,477
		128	31,376	3,751	0,000	-117,239	15,475
		129	30,705	3,255	0,000	-122,231	15,478
	44 Sabbia	130	26,275	3,720	0,000	-117,856	15,506
		131	26,275	2,570	0,000	-129,373	15,507
		132	27,099	3,130	0,000	-123,689	15,499
	45 Sabbia	133	10,367	3,725	0,000	-120,002	15,725
134		9,667	3,150	0,000	-125,851	15,735	
135		10,367	2,575	0,000	-131,502	15,725	
46 Sabbia	136	14,648	3,086	0,000	-125,782	15,665	
	137	14,068	2,739	0,000	-129,334	15,673	
	138	14,623	2,365	0,000	-132,997	15,665	

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	47 Sabbia	139	22,967	3,725	0,000	-118,196	15,545
		140	22,267	3,150	0,000	-124,048	15,555
		141	22,967	2,575	0,000	-129,706	15,546
	48 Sabbia	142	28,665	3,878	0,000	-116,087	15,486
		143	28,089	3,288	0,000	-122,034	15,492
		144	28,835	3,201	0,000	-122,862	15,487
	49 Sabbia	145	20,167	3,725	0,000	-118,596	15,585
		146	19,467	3,150	0,000	-124,450	15,595
		147	20,167	2,575	0,000	-130,098	15,585
	50 Sabbia	148	25,767	3,725	0,000	-117,858	15,511
		149	25,067	3,150	0,000	-123,694	15,519
		150	25,767	2,575	0,000	-129,375	15,512
	51 Sabbia	151	30,061	3,029	0,000	-124,515	15,481
		152	29,504	2,848	0,000	-126,353	15,484
		153	30,033	2,376	0,000	-131,061	15,482
	52 Sabbia	154	17,368	3,701	0,000	-119,243	15,625
		155	16,672	3,055	0,000	-125,809	15,635
		156	17,368	2,551	0,000	-130,742	15,625
	53 Sabbia	157	7,613	3,725	0,000	-120,387	15,764
		158	7,053	3,150	0,000	-126,215	15,771
		159	7,613	2,575	0,000	-131,886	15,764
	54 Sabbia	160	12,187	2,613	0,000	-130,862	15,700
		161	12,887	3,763	0,000	-119,264	15,690

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element pore pressures

Step : 34

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		162	12,047	3,303	0,000	-123,982	15,702
	55	163	13,835	3,123	0,000	-125,534	15,676
	Sabbia	164	14,415	3,470	0,000	-121,982	15,668
		165	13,690	3,898	0,000	-117,798	15,678
	56	166	15,980	3,295	0,000	-123,505	15,645
	Sabbia	167	15,976	3,942	0,000	-117,041	15,646
		168	15,301	3,513	0,000	-121,425	15,655
	57	169	13,215	3,658	0,000	-120,269	15,685
	Sabbia	170	12,515	2,508	0,000	-131,868	15,695
		171	13,360	2,882	0,000	-128,005	15,683
	58	172	8,033	3,725	0,000	-120,328	15,758
	Sabbia	173	8,033	2,575	0,000	-131,828	15,758
		174	8,733	3,150	0,000	-125,981	15,748
	59	175	15,068	3,129	0,000	-125,291	15,659
	Sabbia	176	15,043	2,408	0,000	-132,507	15,659
		177	15,747	2,912	0,000	-127,371	15,649
	60	178	17,833	3,725	0,000	-118,937	15,619
	Sabbia	179	17,833	2,575	0,000	-130,437	15,619
		180	18,533	3,150	0,000	-124,586	15,608
	61	181	20,633	3,725	0,000	-118,528	15,578
	Sabbia	182	20,633	2,575	0,000	-130,031	15,578
		183	21,333	3,150	0,000	-124,180	15,568
	62	184	23,433	3,725	0,000	-118,133	15,538

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]	
	Sabbia	185	23,433	2,575	0,000	-129,645	15,539	
		186	24,133	3,150	0,000	-123,803	15,530	
	63 Sabbia	187	29,270	3,232	0,000	-122,526	15,484	
		188	29,828	3,413	0,000	-120,686	15,481	
		189	29,100	3,909	0,000	-115,749	15,484	
	64 Sabbia	190	31,833	3,725	0,000	-117,493	15,474	
		191	31,833	2,575	0,000	-129,012	15,476	
		192	32,533	3,150	0,000	-123,247	15,475	
	65 Sabbia	193	11,020	2,230	0,000	-134,860	15,716	
		194	11,720	2,230	0,000	-134,761	15,706	
		195	11,580	2,920	0,000	-127,881	15,708	
	66 Sabbia	196	10,787	2,613	0,000	-131,059	15,719	
		197	11,347	3,303	0,000	-124,081	15,711	
		198	10,787	3,763	0,000	-119,560	15,719	
	2	67 Argilla	199	32,781	7,800	0,000	-65,123	14,312
			200	32,781	8,550	0,000	-55,121	14,062
			201	32,125	8,550	0,000	-55,123	14,062
		68 Argilla	202	30,710	7,812	0,000	-64,992	14,311
203			31,279	8,553	0,000	-55,091	14,062	
204			30,623	8,553	0,000	-55,100	14,063	
69 Argilla		205	30,272	7,812	0,000	-65,004	14,312	
		206	30,185	8,553	0,000	-55,107	14,064	
		207	29,529	8,553	0,000	-55,122	14,065	

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	70 Argilla	208	28,005	8,190	0,000	-60,041	14,194
		209	28,634	8,648	0,000	-53,882	14,036
		210	27,978	8,648	0,000	-53,907	14,038
	71 Argilla	211	27,568	8,190	0,000	-60,071	14,197
		212	27,540	8,648	0,000	-53,926	14,040
		213	26,884	8,648	0,000	-53,961	14,044
	72 Argilla	214	25,130	8,287	0,000	-59,084	14,195
		215	25,946	8,672	0,000	-53,699	14,042
		216	25,290	8,672	0,000	-53,763	14,048
	73 Argilla	217	23,224	7,414	0,000	-72,454	14,659
		218	22,681	7,353	0,000	-74,177	14,771
		219	22,681	7,153	0,000	-77,765	14,930
	74 Argilla	220	22,028	6,888	0,000	-84,620	15,350
		221	22,382	7,022	0,000	-82,179	15,240
		222	22,382	7,222	0,000	-81,184	15,340
	75 Argilla	223	24,692	8,287	0,000	-59,185	14,205
		224	24,853	8,672	0,000	-53,812	14,053
		225	24,196	8,672	0,000	-53,894	14,061
	76 Argilla	226	22,719	7,867	0,000	-66,140	14,481
		227	23,375	8,567	0,000	-55,497	14,116
		228	22,719	8,567	0,000	-55,588	14,125
	77 Argilla	229	19,784	8,123	0,000	-75,478	15,671
		230	19,633	8,631	0,000	-70,744	15,705

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		231	18,960	8,631	0,000	-70,827	15,713
	78	232	16,794	8,236	0,000	-74,855	15,721
	Argilla	233	16,867	8,659	0,000	-70,736	15,733
		234	16,194	8,659	0,000	-70,783	15,737
	79	235	14,222	8,001	0,000	-77,364	15,737
	Argilla	236	14,204	8,600	0,000	-71,484	15,749
		237	13,531	8,600	0,000	-71,524	15,753
	80	238	11,957	8,151	0,000	-76,048	15,755
	Argilla	239	12,629	8,638	0,000	-71,207	15,758
		240	11,956	8,638	0,000	-71,245	15,762
	81	241	8,616	7,928	0,000	-78,475	15,775
	Argilla	242	8,765	8,582	0,000	-71,972	15,779
		243	8,092	8,582	0,000	-72,010	15,783
	82	244	5,224	7,800	0,000	-79,984	15,798
	Argilla	245	5,897	8,550	0,000	-72,450	15,795
		246	5,224	8,550	0,000	-72,487	15,799
	83	247	6,952	7,887	0,000	-78,992	15,787
	Argilla	248	7,339	8,572	0,000	-72,152	15,787
		249	6,666	8,572	0,000	-72,189	15,791
	84	250	9,065	7,928	0,000	-78,444	15,772
	Argilla	251	9,886	8,582	0,000	-71,910	15,773
		252	9,213	8,582	0,000	-71,947	15,777
	85	253	11,508	8,151	0,000	-76,077	15,758

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Argilla	254	11,507	8,638	0,000	-71,270	15,765
		255	10,834	8,638	0,000	-71,307	15,768
86	Argilla	256	14,670	8,001	0,000	-77,329	15,733
		257	15,326	8,600	0,000	-71,414	15,742
		258	14,653	8,600	0,000	-71,456	15,746
87	Argilla	259	17,243	8,236	0,000	-74,811	15,717
		260	17,989	8,659	0,000	-70,649	15,724
		261	17,316	8,659	0,000	-70,703	15,729
88	Argilla	262	20,232	8,123	0,000	-75,349	15,658
		263	20,755	8,631	0,000	-70,580	15,689
		264	20,082	8,631	0,000	-70,681	15,699
89	Argilla	265	17,594	4,867	0,000	-107,639	15,631
		266	17,774	4,442	0,000	-111,799	15,622
		267	18,474	4,442	0,000	-111,692	15,611
90	Argilla	268	13,947	5,222	0,000	-104,684	15,690
		269	13,712	4,530	0,000	-111,514	15,682
		270	14,412	4,530	0,000	-111,416	15,672
91	Argilla	271	20,697	4,981	0,000	-105,693	15,550
		272	20,649	4,470	0,000	-111,002	15,571
		273	21,349	4,470	0,000	-110,845	15,555
92	Argilla	274	23,556	8,353	0,000	-58,561	14,210
		275	22,900	7,653	0,000	-69,296	14,583
		276	23,443	7,714	0,000	-67,925	14,506

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	93 Argilla	277	23,173	4,744	0,000	-107,068	15,451
		278	22,318	4,411	0,000	-111,262	15,537
		279	23,018	4,411	0,000	-111,107	15,522
	94 Argilla	280	22,480	6,455	0,000	-87,738	15,229
		281	22,407	6,830	0,000	-83,733	15,204
		282	22,052	6,696	0,000	-86,382	15,335
	95 Argilla	283	21,572	7,380	0,000	-81,117	15,492
		284	21,825	6,978	0,000	-84,231	15,401
		285	22,179	7,312	0,000	-80,856	15,397
	96 Argilla	286	23,370	6,902	0,000	-79,513	14,853
		287	23,396	7,301	0,000	-73,822	14,683
		288	22,853	7,041	0,000	-78,965	14,937
	97 Argilla	289	23,640	4,744	0,000	-106,870	15,431
		290	23,485	4,411	0,000	-111,009	15,512
		291	24,185	4,411	0,000	-110,873	15,498
	98 Argilla	292	30,539	5,030	0,000	-102,058	15,236
		293	30,460	4,482	0,000	-109,339	15,416
		294	31,160	4,482	0,000	-109,316	15,414
	99 Argilla	295	30,072	5,030	0,000	-102,077	15,238
		296	29,293	4,482	0,000	-109,392	15,422
		297	29,993	4,482	0,000	-109,357	15,418
	100 Argilla	298	27,327	4,888	0,000	-104,162	15,304
		299	27,557	4,447	0,000	-109,982	15,445



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		300	28,257	4,447	0,000	-109,926	15,440
	101	301	8,263	7,700	0,000	-80,766	15,776
	Argilla	302	7,738	8,354	0,000	-74,298	15,784
		303	7,351	7,669	0,000	-81,135	15,783
	102	304	5,544	7,572	0,000	-82,241	15,796
	Argilla	305	6,503	7,637	0,000	-81,515	15,789
		306	6,217	8,322	0,000	-74,708	15,793
	103	307	8,172	4,729	0,000	-110,298	15,759
	Argilla	308	8,068	4,407	0,000	-113,508	15,758
		309	8,768	4,407	0,000	-113,412	15,748
	104	310	7,705	4,729	0,000	-110,359	15,765
	Argilla	311	6,901	4,407	0,000	-113,668	15,774
		312	7,601	4,407	0,000	-113,572	15,764
	105	313	10,283	4,908	0,000	-108,249	15,733
	Argilla	314	9,646	4,452	0,000	-112,848	15,737
		315	10,346	4,452	0,000	-112,752	15,727
	106	316	22,276	7,867	0,000	-76,552	15,522
	Argilla	317	22,276	8,567	0,000	-70,926	15,659
		318	21,603	8,567	0,000	-71,022	15,669
	107	319	16,607	4,442	0,000	-111,973	15,639
	Argilla	320	17,307	4,442	0,000	-111,869	15,629
		321	17,127	4,867	0,000	-107,716	15,639
	108	322	5,233	5,300	0,000	-104,972	15,797

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Argilla	323	5,233	4,550	0,000	-112,469	15,797
		324	5,933	4,550	0,000	-112,375	15,787
109	Argilla	325	12,545	4,530	0,000	-111,675	15,698
		326	13,245	4,530	0,000	-111,578	15,688
		327	13,480	5,222	0,000	-104,744	15,696
110	Argilla	328	15,631	5,049	0,000	-106,158	15,664
		329	15,183	4,487	0,000	-111,733	15,660
		330	15,883	4,487	0,000	-111,633	15,650
111	Argilla	331	19,483	4,470	0,000	-111,238	15,594
		332	20,183	4,470	0,000	-111,101	15,580
		333	20,230	4,981	0,000	-105,879	15,569
112	Argilla	334	10,749	4,908	0,000	-108,189	15,727
		335	10,812	4,452	0,000	-112,688	15,721
		336	11,512	4,452	0,000	-112,591	15,711
113	Argilla	337	32,767	5,300	0,000	-98,421	15,142
		338	32,067	4,550	0,000	-108,401	15,390
		339	32,767	4,550	0,000	-108,395	15,389
114	Argilla	340	26,860	4,888	0,000	-104,218	15,310
		341	26,390	4,447	0,000	-110,095	15,457
		342	27,090	4,447	0,000	-110,024	15,449
115	Argilla	343	23,213	6,690	0,000	-82,760	14,966
		344	22,697	6,829	0,000	-82,505	15,079
		345	22,770	6,454	0,000	-86,889	15,143

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	116 Argilla	346	21,897	5,973	0,000	-94,213	15,394
		347	22,353	6,241	0,000	-90,441	15,285
		348	21,925	6,482	0,000	-88,823	15,364
	117 Argilla	349	21,091	7,024	0,000	-84,970	15,521
		350	21,553	6,906	0,000	-85,472	15,453
		351	21,300	7,308	0,000	-82,126	15,521
	118 Argilla	352	21,400	8,356	0,000	-72,870	15,643
		353	21,465	7,725	0,000	-78,274	15,552
		354	22,073	7,656	0,000	-78,321	15,488
	119 Argilla	355	24,100	7,154	0,000	-75,221	14,676
		356	23,708	7,329	0,000	-73,173	14,646
		357	23,681	6,930	0,000	-78,745	14,805
	120 Argilla	358	25,190	5,144	0,000	-101,203	15,264
		359	24,922	4,511	0,000	-109,471	15,458
		360	25,622	4,511	0,000	-109,358	15,447
	121 Argilla	361	32,134	6,198	0,000	-86,470	14,845
		362	32,784	6,087	0,000	-87,946	14,882
		363	32,784	6,837	0,000	-77,957	14,633
	122 Argilla	364	5,783	6,297	0,000	-94,953	15,792
		365	5,196	6,862	0,000	-89,365	15,798
		366	5,196	6,112	0,000	-96,863	15,798
	123 Argilla	367	24,436	8,074	0,000	-62,223	14,296
		368	23,940	8,458	0,000	-56,955	14,154

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		369	23,827	7,819	0,000	-66,119	14,431
	124	370	32,373	7,553	0,000	-68,419	14,395
	Argilla	371	31,717	8,303	0,000	-58,422	14,145
		372	31,147	7,562	0,000	-68,318	14,393
	125	373	25,534	7,532	0,000	-69,291	14,461
	Argilla	374	26,007	8,387	0,000	-57,573	14,144
		375	25,191	8,002	0,000	-62,984	14,300
	126	376	28,754	7,643	0,000	-67,314	14,375
	Argilla	377	28,828	8,397	0,000	-57,236	14,120
		378	28,200	7,939	0,000	-63,392	14,278
	127	379	14,330	5,409	0,000	-102,796	15,688
	Argilla	380	14,794	4,718	0,000	-109,525	15,670
		381	15,242	5,279	0,000	-103,951	15,674
	128	382	16,810	5,054	0,000	-105,930	15,647
	Argilla	383	16,037	5,190	0,000	-104,710	15,661
		384	16,289	4,629	0,000	-110,183	15,647
	129	385	12,728	7,492	0,000	-82,478	15,740
	Argilla	386	12,822	8,351	0,000	-74,014	15,753
		387	12,150	7,864	0,000	-78,857	15,750
	130	388	19,116	7,461	0,000	-81,957	15,657
	Argilla	389	19,654	7,830	0,000	-78,273	15,658
		390	18,831	8,338	0,000	-73,631	15,701
	131	391	23,467	6,098	0,000	-90,087	15,106

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Argilla	392	23,406	6,507	0,000	-84,870	14,994
		393	22,963	6,271	0,000	-88,737	15,145
132	Argilla	394	22,510	5,612	0,000	-97,370	15,349
		395	22,499	6,023	0,000	-92,629	15,286
		396	22,043	5,756	0,000	-96,378	15,393
133	Argilla	397	20,431	7,607	0,000	-80,049	15,612
		398	20,811	7,200	0,000	-83,584	15,558
		399	21,019	7,484	0,000	-80,789	15,562
134	Argilla	400	20,478	7,912	0,000	-77,209	15,633
		401	21,067	7,789	0,000	-78,018	15,590
		402	21,001	8,420	0,000	-72,420	15,662
135	Argilla	403	21,115	6,453	0,000	-90,414	15,495
		404	21,507	6,692	0,000	-87,561	15,448
		405	21,045	6,811	0,000	-87,040	15,514
136	Argilla	406	24,275	6,642	0,000	-82,009	14,843
		407	24,242	6,983	0,000	-77,440	14,727
		408	23,823	6,758	0,000	-80,902	14,849
137	Argilla	409	24,529	7,802	0,000	-65,966	14,399
		410	23,920	7,547	0,000	-69,907	14,538
		411	24,312	7,372	0,000	-72,045	14,577
138	Argilla	412	23,962	4,955	0,000	-104,089	15,364
		413	24,507	4,622	0,000	-108,122	15,434
		414	24,775	5,255	0,000	-99,905	15,245

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	139 Argilla	415	26,482	5,099	0,000	-101,482	15,247
		416	25,580	5,291	0,000	-99,161	15,207
		417	26,012	4,658	0,000	-107,369	15,395
	140 Argilla	418	31,850	4,837	0,000	-104,587	15,296
		419	32,550	5,587	0,000	-94,603	15,047
		420	31,901	5,698	0,000	-93,130	15,011
	141 Argilla	421	6,475	7,199	0,000	-85,888	15,788
		422	5,515	7,134	0,000	-86,621	15,796
		423	6,103	6,569	0,000	-92,209	15,790
	142 Argilla	424	6,129	4,862	0,000	-109,238	15,786
		425	6,016	5,797	0,000	-99,920	15,789
		426	5,429	5,612	0,000	-101,834	15,795
	143 Argilla	427	31,150	7,099	0,000	-74,491	14,548
		428	31,726	6,451	0,000	-83,108	14,762
		429	32,375	7,090	0,000	-74,589	14,549
	144 Argilla	430	24,629	7,300	0,000	-72,827	14,583
		431	25,190	7,260	0,000	-73,099	14,570
		432	24,846	7,730	0,000	-66,821	14,412
	145 Argilla	433	21,260	6,244	0,000	-92,306	15,475
		434	21,624	5,974	0,000	-94,599	15,434
		435	21,652	6,483	0,000	-89,364	15,419
	146 Argilla	436	28,026	6,755	0,000	-79,250	14,680
		437	28,553	7,233	0,000	-72,815	14,514

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		438	27,999	7,529	0,000	-68,904	14,419
	147	439	16,024	7,787	0,000	-79,304	15,717
	Argilla	440	16,584	8,018	0,000	-76,997	15,717
		441	15,983	8,441	0,000	-72,924	15,733
	148	442	13,182	7,455	0,000	-82,809	15,736
	Argilla	443	13,966	7,714	0,000	-80,194	15,734
		444	13,276	8,314	0,000	-74,354	15,749
	149	445	11,968	6,936	0,000	-88,021	15,738
	Argilla	446	12,514	7,138	0,000	-85,979	15,736
		447	11,936	7,510	0,000	-82,361	15,747
	150	448	19,955	6,830	0,000	-87,678	15,597
	Argilla	449	19,935	7,453	0,000	-81,735	15,627
		450	19,397	7,084	0,000	-85,481	15,632
	151	451	24,156	6,431	0,000	-84,943	14,925
	Argilla	452	23,704	6,547	0,000	-83,890	14,936
		453	23,765	6,138	0,000	-89,203	15,058
	152	454	22,830	5,643	0,000	-96,564	15,300
	Argilla	455	23,323	5,882	0,000	-93,006	15,182
		456	22,819	6,055	0,000	-91,656	15,220
	153	457	22,665	5,162	0,000	-102,418	15,404
	Argilla	458	22,230	4,599	0,000	-109,156	15,514
		459	23,085	4,932	0,000	-104,853	15,417
	154	460	21,934	4,723	0,000	-107,880	15,512

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Argilla	461	22,369	5,287	0,000	-101,244	15,411
		462	21,902	5,431	0,000	-100,103	15,441
155	Argilla	463	20,261	6,817	0,000	-87,627	15,580
		464	20,621	7,033	0,000	-85,310	15,564
		465	20,241	7,440	0,000	-81,711	15,611
156	Argilla	466	20,411	6,562	0,000	-89,982	15,560
		467	20,841	6,421	0,000	-91,005	15,521
		468	20,771	6,778	0,000	-87,606	15,539
157	Argilla	469	9,334	5,448	0,000	-103,012	15,749
		470	9,393	4,701	0,000	-110,413	15,742
		471	10,030	5,157	0,000	-105,816	15,738
158	Argilla	472	25,129	7,003	0,000	-76,602	14,664
		473	24,568	7,044	0,000	-76,371	14,681
		474	24,601	6,704	0,000	-80,944	14,798
159	Argilla	475	18,182	5,594	0,000	-100,376	15,632
		476	17,696	5,155	0,000	-104,787	15,634
		477	18,576	4,730	0,000	-108,822	15,612
160	Argilla	478	21,540	5,413	0,000	-100,636	15,477
		479	20,920	5,217	0,000	-103,145	15,531
		480	21,572	4,706	0,000	-108,234	15,529
161	Argilla	481	27,862	5,805	0,000	-91,922	14,998
		482	27,403	5,228	0,000	-99,651	15,193
		483	28,333	4,787	0,000	-105,415	15,328



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	162	484	7,218	6,281	0,000	-94,963	15,778
	Argilla	485	6,900	6,986	0,000	-87,975	15,784
		486	6,528	6,356	0,000	-94,292	15,785
	163	487	31,461	5,631	0,000	-94,037	15,034
	Argilla	488	30,789	5,317	0,000	-98,231	15,140
		489	31,410	4,770	0,000	-105,494	15,319
	164	490	28,993	6,358	0,000	-84,463	14,804
	Argilla	491	28,802	6,940	0,000	-76,706	14,611
		492	28,274	6,462	0,000	-83,131	14,775
	165	493	27,149	7,224	0,000	-73,078	14,532
	Argilla	494	27,674	6,753	0,000	-79,318	14,684
		495	27,648	7,527	0,000	-68,966	14,423
	166	496	16,630	6,943	0,000	-87,464	15,690
	Argilla	497	16,745	7,643	0,000	-80,625	15,706
		498	16,186	7,412	0,000	-82,941	15,706
	167	499	20,788	5,543	0,000	-99,872	15,530
	Argilla	500	21,407	5,739	0,000	-97,312	15,470
		501	21,044	6,009	0,000	-94,909	15,500
	168	502	12,380	6,229	0,000	-94,953	15,724
	Argilla	503	12,625	6,818	0,000	-89,125	15,731
		504	12,079	6,616	0,000	-91,170	15,733
	169	505	10,936	6,948	0,000	-87,994	15,748
	Argilla	506	11,573	6,889	0,000	-88,526	15,741

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		507	11,542	7,463	0,000	-82,861	15,749
	170	508	19,448	6,161	0,000	-94,428	15,604
	Argilla	509	19,833	6,507	0,000	-90,875	15,594
		510	19,275	6,761	0,000	-88,650	15,626
	171	511	24,772	5,776	0,000	-93,119	15,088
	Argilla	512	24,423	6,238	0,000	-87,271	14,965
		513	24,032	5,945	0,000	-91,440	15,089
	172	514	20,523	5,680	0,000	-98,655	15,545
	Argilla	515	20,779	6,146	0,000	-93,782	15,525
		516	20,349	6,287	0,000	-92,715	15,559
	173	517	23,467	5,668	0,000	-95,523	15,220
	Argilla	518	22,974	5,429	0,000	-98,966	15,326
		519	23,394	5,199	0,000	-101,396	15,339
	174	520	8,923	5,403	0,000	-103,504	15,754
	Argilla	521	8,385	4,978	0,000	-107,796	15,757
		522	8,982	4,656	0,000	-110,911	15,747
	175	523	10,274	6,366	0,000	-93,822	15,748
	Argilla	524	9,555	5,864	0,000	-98,862	15,750
		525	10,250	5,573	0,000	-101,669	15,740
	176	526	17,069	6,232	0,000	-94,344	15,667
	Argilla	527	17,319	5,531	0,000	-101,171	15,648
		528	17,805	5,970	0,000	-96,776	15,647
	177	529	25,078	5,974	0,000	-90,364	15,010

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Argilla	530	25,256	6,736	0,000	-80,141	14,750
		531	24,729	6,436	0,000	-84,430	14,879
178	Argilla	532	29,211	7,549	0,000	-68,554	14,404
		533	30,029	7,561	0,000	-68,362	14,397
		534	29,286	8,302	0,000	-58,485	14,150
179	Argilla	535	26,764	6,114	0,000	-87,979	14,912
		536	27,011	5,560	0,000	-95,301	15,090
		537	27,470	6,137	0,000	-87,554	14,893
180	Argilla	538	8,240	7,237	0,000	-85,368	15,774
		539	7,328	7,206	0,000	-85,745	15,781
		540	7,646	6,502	0,000	-92,729	15,775
181	Argilla	541	30,068	7,115	0,000	-74,301	14,545
		542	29,250	7,104	0,000	-74,498	14,553
		543	29,441	6,521	0,000	-82,257	14,747
182	Argilla	544	28,726	4,944	0,000	-103,291	15,273
		545	28,974	5,859	0,000	-91,111	14,970
		546	28,255	5,963	0,000	-89,781	14,941
183	Argilla	547	26,742	6,464	0,000	-83,324	14,796
		548	27,448	6,487	0,000	-82,896	14,776
		549	26,923	6,959	0,000	-76,675	14,626
184	Argilla	550	26,727	8,394	0,000	-57,392	14,134
		551	26,912	7,635	0,000	-67,606	14,395
		552	27,411	7,937	0,000	-63,486	14,286

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	185	553	6,555	4,899	0,000	-108,815	15,780
	Argilla	554	7,132	5,760	0,000	-100,168	15,776
		555	6,442	5,834	0,000	-99,504	15,784
	186	556	15,647	6,708	0,000	-89,893	15,697
	Argilla	557	16,356	6,709	0,000	-89,787	15,688
		558	15,912	7,178	0,000	-85,258	15,704
	187	559	11,658	5,949	0,000	-97,795	15,728
	Argilla	560	12,138	6,012	0,000	-97,121	15,724
		561	11,837	6,399	0,000	-93,337	15,732
	188	562	11,345	6,098	0,000	-96,359	15,734
	Argilla	563	11,524	6,547	0,000	-91,900	15,737
		564	10,887	6,607	0,000	-91,372	15,744
	189	565	13,462	5,953	0,000	-97,556	15,708
	Argilla	566	12,971	6,652	0,000	-90,724	15,725
		567	12,726	6,063	0,000	-96,549	15,718
	190	568	20,251	5,612	0,000	-99,494	15,561
	Argilla	569	20,077	6,219	0,000	-93,548	15,574
		570	19,692	5,874	0,000	-97,148	15,589
	191	571	18,543	6,168	0,000	-94,662	15,634
	Argilla	572	19,126	6,077	0,000	-95,377	15,614
		573	18,953	6,676	0,000	-89,582	15,634
	192	574	24,617	5,522	0,000	-96,517	15,173
	Argilla	575	23,878	5,691	0,000	-94,845	15,175

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		576	23,805	5,222	0,000	-100,822	15,304
	193	577	17,540	7,269	0,000	-84,158	15,684
	Argilla	578	17,084	7,607	0,000	-80,933	15,701
		579	16,969	6,907	0,000	-87,766	15,684
	194	580	11,125	5,853	0,000	-98,797	15,733
	Argilla	581	10,666	6,363	0,000	-93,809	15,744
		582	10,643	5,570	0,000	-101,651	15,735
	195	583	16,127	5,566	0,000	-101,013	15,667
	Argilla	584	16,900	5,430	0,000	-102,230	15,653
		585	16,649	6,131	0,000	-95,397	15,671
	196	586	17,747	6,948	0,000	-87,239	15,672
	Argilla	587	17,176	6,586	0,000	-90,863	15,673
		588	17,912	6,324	0,000	-93,287	15,653
	197	589	25,654	5,622	0,000	-94,775	15,100
	Argilla	590	26,557	5,431	0,000	-97,082	15,139
		591	26,310	5,985	0,000	-89,788	14,964
	198	592	10,632	8,304	0,000	-74,619	15,766
	Argilla	593	10,701	7,302	0,000	-84,517	15,754
		594	11,306	7,817	0,000	-79,387	15,755
	199	595	15,606	7,728	0,000	-79,918	15,720
	Argilla	596	15,564	8,382	0,000	-73,529	15,735
		597	14,908	7,783	0,000	-79,446	15,727
	200	598	25,870	6,988	0,000	-76,518	14,640

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Argilla	599	26,347	6,589	0,000	-81,736	14,763
		600	26,528	7,084	0,000	-75,068	14,591
201	Argilla	601	25,868	7,407	0,000	-70,881	14,495
		602	26,527	7,502	0,000	-69,447	14,447
		603	26,341	8,262	0,000	-59,224	14,184
202	Argilla	604	17,827	7,643	0,000	-80,476	15,691
		605	18,117	8,405	0,000	-73,081	15,713
		606	17,371	7,982	0,000	-77,258	15,708
203	Argilla	607	15,808	5,799	0,000	-98,772	15,676
		608	16,330	6,365	0,000	-93,163	15,681
		609	15,621	6,363	0,000	-93,273	15,690
204	Argilla	610	14,834	7,408	0,000	-83,126	15,720
		611	15,267	6,882	0,000	-88,228	15,705
		612	15,531	7,353	0,000	-83,592	15,712
205	Argilla	613	11,973	4,814	0,000	-108,959	15,710
		614	12,172	5,616	0,000	-101,025	15,718
		615	11,692	5,553	0,000	-101,702	15,723
206	Argilla	616	12,378	4,798	0,000	-109,063	15,704
		617	13,313	5,489	0,000	-102,135	15,702
		618	12,578	5,600	0,000	-101,134	15,713
207	Argilla	619	7,437	5,555	0,000	-102,170	15,772
		620	6,860	4,694	0,000	-110,814	15,776
		621	7,664	5,016	0,000	-107,510	15,767

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	208	622	18,129	7,030	0,000	-86,366	15,666
	Argilla	623	18,294	6,406	0,000	-92,400	15,646
		624	18,704	6,914	0,000	-87,345	15,649
	209	625	19,312	4,728	0,000	-108,693	15,597
	Argilla	626	20,060	5,239	0,000	-103,337	15,573
		627	19,501	5,501	0,000	-100,929	15,594
	210	628	18,932	4,846	0,000	-107,602	15,606
	Argilla	629	19,120	5,619	0,000	-99,890	15,608
		630	18,538	5,710	0,000	-99,155	15,626
	211	631	29,390	5,702	0,000	-93,176	15,019
	Argilla	632	29,142	4,787	0,000	-105,351	15,322
		633	29,921	5,335	0,000	-98,031	15,138
	212	634	11,652	4,698	0,000	-110,140	15,712
	Argilla	635	11,371	5,437	0,000	-102,879	15,725
		636	10,889	5,154	0,000	-105,736	15,728
	213	637	25,591	6,703	0,000	-80,453	14,748
	Argilla	638	25,413	5,940	0,000	-90,663	15,007
		639	26,069	6,303	0,000	-85,629	14,866
	214	640	18,745	7,376	0,000	-82,872	15,664
	Argilla	641	18,460	8,254	0,000	-74,492	15,703
		642	18,171	7,492	0,000	-81,883	15,680
	215	643	30,614	5,820	0,000	-91,544	14,974
	Argilla	644	31,285	6,134	0,000	-87,346	14,868

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		645	30,709	6,781	0,000	-78,735	14,655
	216	646	8,649	5,690	0,000	-100,687	15,759
	Argilla	647	7,885	5,804	0,000	-99,642	15,768
		648	8,111	5,265	0,000	-104,978	15,763
	217	649	30,308	6,799	0,000	-78,512	14,650
	Argilla	650	29,682	6,204	0,000	-86,462	14,851
		651	30,213	5,838	0,000	-91,324	14,970
	218	652	14,098	7,195	0,000	-85,283	15,723
	Argilla	653	13,314	6,935	0,000	-87,907	15,726
		654	13,805	6,235	0,000	-94,736	15,709
	219	655	8,771	6,115	0,000	-96,457	15,761
	Argilla	656	8,601	6,964	0,000	-88,047	15,769
		657	8,007	6,229	0,000	-95,406	15,769
	220	658	14,417	5,784	0,000	-99,101	15,694
	Argilla	659	15,329	5,654	0,000	-100,259	15,680
		660	15,143	6,218	0,000	-94,755	15,693
	221	661	14,210	6,147	0,000	-95,560	15,703
	Argilla	662	14,937	6,581	0,000	-91,220	15,703
		663	14,504	7,106	0,000	-86,114	15,717
	222	664	9,095	7,093	0,000	-86,723	15,765
	Argilla	665	9,266	6,244	0,000	-95,125	15,757
		666	9,985	6,746	0,000	-90,087	15,754
	223	667	9,312	7,594	0,000	-81,737	15,768



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	Argilla	668	10,202	7,247	0,000	-85,109	15,757
		669	10,134	8,248	0,000	-75,201	15,768
3	224 Limi	670	22,389	13,342	0,000	-23,937	15,736
		671	22,389	13,686	0,000	-20,524	15,738
		672	22,055	13,686	0,000	-20,532	15,739
	225 Limi	673	21,254	13,299	0,000	-24,391	15,738
		674	21,600	13,675	0,000	-20,650	15,740
		675	21,249	13,675	0,000	-20,658	15,741
	226 Limi	676	21,014	13,299	0,000	-24,397	15,739
		677	21,009	13,675	0,000	-20,664	15,741
		678	20,640	13,675	0,000	-20,674	15,742
	227 Limi	679	19,689	13,182	0,000	-25,603	15,742
		680	20,119	13,645	0,000	-20,980	15,743
		681	19,732	13,645	0,000	-20,991	15,745
	228 Limi	682	19,424	13,182	0,000	-25,611	15,743
		683	19,467	13,645	0,000	-20,998	15,745
		684	19,060	13,645	0,000	-21,010	15,746
	229 Limi	685	22,082	12,429	0,000	-33,020	15,731
		686	22,396	12,432	0,000	-32,981	15,730
		687	22,396	12,841	0,000	-28,926	15,733
230 Limi	688	18,073	13,315	0,000	-24,331	15,748	
	689	18,513	13,679	0,000	-20,695	15,748	
	690	18,085	13,679	0,000	-20,709	15,750	

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	231	691	17,781	13,315	0,000	-24,341	15,749
	Limi	692	17,793	13,679	0,000	-20,718	15,751
		693	17,343	13,679	0,000	-20,733	15,752
	232	694	16,477	13,262	0,000	-24,916	15,754
	Limi	695	16,787	13,665	0,000	-20,883	15,754
		696	16,314	13,665	0,000	-20,899	15,755
	233	697	22,082	12,131	0,000	-35,978	15,729
	Limi	698	22,396	11,649	0,000	-40,756	15,725
		699	22,396	12,135	0,000	-35,938	15,728
	234	700	16,154	13,262	0,000	-24,927	15,755
	Limi	701	15,991	13,665	0,000	-20,911	15,757
		702	15,495	13,665	0,000	-20,928	15,758
	235	703	14,228	13,219	0,000	-25,429	15,762
	Limi	704	14,759	13,655	0,000	-21,062	15,761
		705	14,237	13,655	0,000	-21,081	15,763
	236	706	13,871	13,219	0,000	-25,443	15,763
	Limi	707	13,881	13,655	0,000	-21,095	15,764
		708	13,333	13,655	0,000	-21,115	15,766
	237	709	11,945	13,230	0,000	-25,410	15,771
	Limi	710	12,570	13,658	0,000	-21,117	15,769
		711	11,994	13,658	0,000	-21,140	15,771
	238	712	21,666	10,254	0,000	-54,609	15,715
	Limi	713	22,291	10,337	0,000	-53,766	15,714

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		714	22,291	10,914	0,000	-48,048	15,719
	239	715	11,551	13,230	0,000	-25,426	15,773
	Limi	716	11,600	13,658	0,000	-21,155	15,773
		717	10,995	13,658	0,000	-21,179	15,775
	240	718	6,000	13,592	0,000	-22,042	15,796
	Limi	719	5,250	13,592	0,000	-22,073	15,799
		720	5,250	12,967	0,000	-28,323	15,799
	241	721	5,796	11,747	0,000	-40,491	15,796
	Limi	722	5,199	12,193	0,000	-36,060	15,799
		723	5,199	11,568	0,000	-42,310	15,799
	242	724	21,483	13,185	0,000	-25,522	15,737
	Limi	725	22,162	13,217	0,000	-25,185	15,736
		726	21,828	13,560	0,000	-21,781	15,739
	243	727	19,943	13,057	0,000	-26,840	15,741
	Limi	728	20,748	13,145	0,000	-25,940	15,739
		729	20,373	13,520	0,000	-22,217	15,742
	244	730	5,796	11,331	0,000	-44,657	15,796
	Limi	731	5,199	11,151	0,000	-46,477	15,799
		732	5,199	10,526	0,000	-52,726	15,799
	245	733	18,337	13,160	0,000	-25,860	15,747
	Limi	734	19,142	13,061	0,000	-26,827	15,743
		735	18,777	13,524	0,000	-22,225	15,747
	246	736	5,897	9,008	0,000	-67,871	15,795

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Limi	737	5,224	9,633	0,000	-61,656	15,799
		738	5,224	9,008	0,000	-67,905	15,799
247	Limi	739	21,490	12,933	0,000	-28,022	15,736
		740	21,856	12,554	0,000	-31,780	15,732
		741	22,169	12,966	0,000	-27,685	15,734
		248	742	16,780	13,141	0,000	-26,113
	Limi	743	17,527	13,181	0,000	-25,689	15,749
		744	17,090	13,544	0,000	-22,081	15,752
249	Limi	745	9,451	13,218	0,000	-25,635	15,781
		746	10,160	13,654	0,000	-21,244	15,779
		747	9,524	13,654	0,000	-21,269	15,781
		250	Limi	748	21,214	11,714	0,000
749	22,100			11,544	0,000	-41,806	15,725
		750	21,787	12,026	0,000	-37,028	15,729
		251	Limi	751	15,026	12,717	0,000
752	14,956			13,420	0,000	-23,393	15,760
		753	14,425	12,985	0,000	-27,759	15,761
		252	Limi	754	9,017	13,218	0,000
755	9,089			13,654	0,000	-21,287	15,783
		756	8,421	13,654	0,000	-21,314	15,786
		253	Limi	757	22,291	9,230	0,000
758	22,291			9,916	0,000	-57,935	15,710
		759	21,666	9,833	0,000	-58,778	15,711

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	254	760	15,422	12,728	0,000	-30,280	15,756
	Limi	761	16,012	13,028	0,000	-27,269	15,755
		762	15,353	13,431	0,000	-23,271	15,758
	255	763	18,550	9,382	0,000	-63,450	15,727
	Limi	764	18,652	8,946	0,000	-67,790	15,725
		765	19,325	8,946	0,000	-67,736	15,719
	256	766	11,882	9,648	0,000	-61,176	15,766
	Limi	767	11,937	9,012	0,000	-67,527	15,765
		768	12,610	9,012	0,000	-67,492	15,761
	257	769	8,119	9,530	0,000	-62,545	15,785
	Limi	770	7,967	8,983	0,000	-68,025	15,785
		771	8,640	8,983	0,000	-67,991	15,782
	258	772	18,102	9,382	0,000	-63,480	15,730
	Limi	773	17,530	8,946	0,000	-67,871	15,733
		774	18,203	8,946	0,000	-67,823	15,728
	259	775	14,367	9,546	0,000	-62,069	15,753
	Limi	776	13,568	8,987	0,000	-67,697	15,756
		777	14,241	8,987	0,000	-67,660	15,753
	260	778	7,671	9,530	0,000	-62,567	15,787
	Limi	779	6,846	8,983	0,000	-68,082	15,791
		780	7,519	8,983	0,000	-68,048	15,787
	261	781	20,987	12,001	0,000	-37,300	15,731
	Limi	782	21,560	12,313	0,000	-34,183	15,731

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		783	21,194	12,692	0,000	-30,426	15,735
	262	784	11,434	9,648	0,000	-61,199	15,768
	Limi	785	10,815	9,012	0,000	-67,585	15,771
		786	11,488	9,012	0,000	-67,550	15,767
	263	787	14,816	9,546	0,000	-62,045	15,751
	Limi	788	14,689	8,987	0,000	-67,635	15,750
		789	15,363	8,987	0,000	-67,597	15,746
	264	790	16,546	9,670	0,000	-60,712	15,741
	Limi	791	16,132	9,018	0,000	-67,243	15,742
		792	16,805	9,018	0,000	-67,201	15,738
	265	793	20,993	9,604	0,000	-61,078	15,712
	Limi	794	20,272	9,001	0,000	-67,106	15,712
		795	20,945	9,001	0,000	-67,050	15,706
	266	796	14,246	11,858	0,000	-39,010	15,759
	Limi	797	14,848	12,327	0,000	-34,307	15,757
		798	14,248	12,594	0,000	-31,664	15,760
	267	799	21,441	9,604	0,000	-61,051	15,709
	Limi	800	21,394	9,001	0,000	-67,013	15,702
		801	22,067	9,001	0,000	-66,977	15,699
	268	802	9,743	9,606	0,000	-61,703	15,777
	Limi	803	9,383	9,002	0,000	-67,763	15,778
		804	10,056	9,002	0,000	-67,728	15,774
	269	805	21,109	11,333	0,000	-43,927	15,726

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Limi	806	21,370	10,503	0,000	-52,154	15,718
		807	21,996	11,163	0,000	-45,586	15,722
	270	808	12,681	12,672	0,000	-30,949	15,767
		Limi	809	12,742	13,411	0,000	-23,570
			810	12,117	12,984	0,000	-27,862
	271	811	13,069	12,670	0,000	-30,960	15,766
		Limi	812	13,668	12,973	0,000	-27,909
			813	13,130	13,408	0,000	-23,582
	272	814	7,574	12,904	0,000	-28,855	15,789
		Limi	815	7,706	13,576	0,000	-22,129
			816	6,956	13,576	0,000	-22,160
	273	817	20,597	12,098	0,000	-36,349	15,733
		Limi	818	20,804	12,789	0,000	-29,473
			819	19,999	12,701	0,000	-30,374
	274	820	16,123	12,226	0,000	-35,256	15,752
		Limi	821	16,204	12,726	0,000	-30,265
			822	15,615	12,427	0,000	-33,276
	275	823	6,199	13,235	0,000	-25,602	15,795
		Limi	824	5,449	12,610	0,000	-31,883
			825	6,046	12,164	0,000	-36,314
	276	826	15,178	9,764	0,000	-59,855	15,749
		Limi	827	15,725	9,204	0,000	-65,406
			828	16,139	9,857	0,000	-58,875

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	277	829	17,791	9,600	0,000	-61,334	15,733
	Limi	830	16,961	9,816	0,000	-59,236	15,739
		831	17,220	9,163	0,000	-65,723	15,735
	278	832	15,281	11,437	0,000	-43,164	15,753
	Limi	833	15,106	12,037	0,000	-37,182	15,755
		834	14,504	11,568	0,000	-41,885	15,757
	279	835	8,464	9,732	0,000	-60,514	15,783
	Limi	836	8,985	9,184	0,000	-65,959	15,780
		837	9,345	9,789	0,000	-59,899	15,779
	280	838	11,105	9,850	0,000	-59,202	15,770
	Limi	839	10,174	9,818	0,000	-59,563	15,775
		840	10,487	9,214	0,000	-65,588	15,772
	281	841	11,851	11,976	0,000	-37,935	15,770
	Limi	842	12,458	12,313	0,000	-34,540	15,767
		843	11,894	12,625	0,000	-31,454	15,770
	282	844	13,248	12,279	0,000	-34,851	15,764
	Limi	845	13,846	11,846	0,000	-39,147	15,761
		846	13,847	12,582	0,000	-31,800	15,762
	283	847	8,750	12,994	0,000	-27,904	15,784
	Limi	848	8,154	13,430	0,000	-23,565	15,787
		849	8,022	12,758	0,000	-30,290	15,787
	284	850	6,502	12,148	0,000	-36,452	15,793
	Limi	851	7,273	12,547	0,000	-32,435	15,790



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		852	6,655	13,219	0,000	-25,740	15,793
	285	853	16,981	12,226	0,000	-35,219	15,748
	Limi	854	16,546	12,676	0,000	-30,752	15,751
		855	16,465	12,176	0,000	-35,742	15,750
	286	856	15,651	11,526	0,000	-42,255	15,752
	Limi	857	15,985	11,926	0,000	-38,253	15,751
		858	15,476	12,127	0,000	-36,274	15,754
	287	859	10,263	12,655	0,000	-31,220	15,777
	Limi	860	10,345	13,405	0,000	-23,731	15,778
		861	9,636	12,968	0,000	-28,123	15,780
	288	862	10,685	12,658	0,000	-31,171	15,776
	Limi	863	11,322	12,980	0,000	-27,929	15,773
		864	10,766	13,408	0,000	-23,683	15,776
	289	865	14,724	10,388	0,000	-53,655	15,753
	Limi	866	15,185	11,024	0,000	-47,281	15,752
		867	14,408	11,156	0,000	-46,004	15,756
	290	868	12,529	11,432	0,000	-43,336	15,766
	Limi	869	12,617	12,015	0,000	-37,510	15,766
		870	12,010	11,678	0,000	-40,906	15,768
	291	871	10,856	12,300	0,000	-34,747	15,774
	Limi	872	11,450	11,973	0,000	-37,988	15,771
		873	11,493	12,622	0,000	-31,505	15,772
	292	874	13,438	9,974	0,000	-57,850	15,759

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	Limi	875	13,367	9,233	0,000	-65,244	15,758
		876	14,166	9,793	0,000	-59,617	15,755
	293 Limi	877	19,378	10,063	0,000	-56,630	15,726
		878	18,732	9,662	0,000	-60,659	15,727
		879	19,507	9,225	0,000	-64,946	15,719
	294 Limi	880	17,569	12,896	0,000	-28,522	15,748
		881	16,822	12,856	0,000	-28,947	15,751
		882	17,257	12,406	0,000	-33,414	15,747
	295 Limi	883	16,764	11,540	0,000	-42,064	15,746
		884	17,035	11,942	0,000	-38,046	15,747
		885	16,519	11,892	0,000	-38,570	15,749
	296 Limi	886	9,285	11,806	0,000	-39,743	15,781
		887	9,998	12,256	0,000	-35,222	15,778
		888	9,371	12,568	0,000	-32,126	15,781
	297 Limi	889	11,799	10,516	0,000	-52,521	15,768
		890	12,325	11,057	0,000	-47,089	15,766
		891	11,805	11,303	0,000	-44,659	15,769
	298 Limi	892	13,616	11,550	0,000	-42,106	15,761
		893	13,019	11,983	0,000	-37,811	15,764
		894	12,931	11,400	0,000	-43,636	15,764
	299 Limi	895	16,111	10,255	0,000	-54,901	15,745
		896	15,611	10,799	0,000	-49,506	15,750
		897	15,150	10,162	0,000	-55,879	15,750

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	300	898	18,312	10,732	0,000	-50,029	15,735
	Limi	899	18,433	10,039	0,000	-56,927	15,731
		900	19,079	10,439	0,000	-52,900	15,729
	301	901	12,130	9,895	0,000	-58,700	15,765
	Limi	902	12,858	9,259	0,000	-65,015	15,760
		903	12,929	9,999	0,000	-57,620	15,761
	302	904	10,241	11,342	0,000	-44,342	15,776
	Limi	905	10,216	11,949	0,000	-38,276	15,777
		906	9,503	11,500	0,000	-42,797	15,780
	303	907	14,012	11,004	0,000	-47,539	15,758
	Limi	908	13,599	10,416	0,000	-53,424	15,759
		909	14,327	10,236	0,000	-55,191	15,755
	304	910	8,192	12,358	0,000	-34,276	15,786
	Limi	911	8,834	11,832	0,000	-39,507	15,783
		912	8,920	12,594	0,000	-31,889	15,783
	305	913	12,861	10,392	0,000	-53,704	15,762
	Limi	914	12,589	10,829	0,000	-49,350	15,764
		915	12,063	10,288	0,000	-54,783	15,766
	306	916	6,272	10,491	0,000	-53,028	15,794
	Limi	917	6,064	11,166	0,000	-46,295	15,795
		918	5,467	10,361	0,000	-54,364	15,798
	307	919	17,111	10,193	0,000	-55,472	15,740
	Limi	920	17,941	9,977	0,000	-57,572	15,734

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		921	17,820	10,671	0,000	-50,670	15,738
	308	922	19,091	11,353	0,000	-43,817	15,735
	Limi	923	18,476	11,061	0,000	-46,750	15,736
		924	19,244	10,768	0,000	-49,624	15,730
	309	925	9,759	10,421	0,000	-53,561	15,777
	Limi	926	10,127	10,960	0,000	-48,163	15,776
		927	9,389	11,118	0,000	-46,619	15,780
	310	928	11,246	11,663	0,000	-41,090	15,772
	Limi	929	10,651	11,990	0,000	-37,850	15,775
		930	10,677	11,383	0,000	-43,915	15,774
	311	931	13,678	11,210	0,000	-45,498	15,760
	Limi	932	12,993	11,060	0,000	-47,029	15,763
		933	13,265	10,622	0,000	-51,383	15,761
	312	934	7,141	11,091	0,000	-46,992	15,790
	Limi	935	6,483	11,348	0,000	-44,453	15,793
		936	6,690	10,674	0,000	-51,185	15,792
	313	937	6,166	9,260	0,000	-65,342	15,794
	Limi	938	6,297	10,015	0,000	-57,790	15,794
		939	5,493	9,885	0,000	-59,127	15,798
	314	940	18,478	11,884	0,000	-38,563	15,740
	Limi	941	18,285	11,340	0,000	-43,984	15,738
		942	18,900	11,632	0,000	-41,052	15,737
	315	943	20,284	11,464	0,000	-42,655	15,730

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Limi	944	19,543	11,454	0,000	-42,794	15,733
		945	19,696	10,869	0,000	-48,599	15,729
	316 Limi	946	11,124	10,231	0,000	-55,395	15,771
		947	10,561	10,738	0,000	-50,357	15,774
		948	10,192	10,200	0,000	-55,755	15,775
		317 Limi	949	18,511	12,423	0,000	-33,190
		950	19,075	12,785	0,000	-29,567	15,742
		951	18,270	12,885	0,000	-28,602	15,746
	318 Limi	952	8,461	10,165	0,000	-56,179	15,783
		953	9,342	10,223	0,000	-55,565	15,779
		954	8,972	10,919	0,000	-48,622	15,781
		319 Limi	955	7,684	10,172	0,000	-56,147
		956	7,442	10,797	0,000	-49,916	15,789
		957	6,991	10,380	0,000	-54,109	15,790
	320 Limi	958	7,490	9,782	0,000	-60,062	15,788
		959	6,797	9,989	0,000	-58,024	15,791
		960	6,665	9,234	0,000	-65,576	15,792
		321 Limi	961	17,602	11,930	0,000	-38,139
		962	17,960	11,415	0,000	-43,257	15,740
		963	18,154	11,958	0,000	-37,835	15,742
	322 Limi	964	19,295	12,548	0,000	-31,926	15,740
		965	18,731	12,186	0,000	-35,549	15,740
		966	19,152	11,934	0,000	-38,038	15,737

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	323	967	7,441	12,104	0,000	-36,852	15,789
	Limi	968	6,670	11,706	0,000	-40,869	15,792
		969	7,329	11,448	0,000	-43,409	15,789
	324	970	18,138	12,293	0,000	-34,499	15,743
	Limi	971	17,898	12,755	0,000	-29,911	15,746
		972	17,586	12,265	0,000	-34,801	15,746
	325	973	10,873	11,011	0,000	-47,616	15,773
	Limi	974	11,436	10,504	0,000	-52,654	15,769
		975	11,442	11,291	0,000	-44,791	15,770
	326	976	19,540	11,853	0,000	-38,821	15,735
	Limi	977	20,281	11,864	0,000	-38,685	15,733
		978	19,683	12,467	0,000	-32,712	15,738
	327	979	8,597	11,108	0,000	-46,750	15,783
	Limi	980	7,843	10,979	0,000	-48,076	15,787
		981	8,086	10,355	0,000	-54,307	15,785
	328	982	8,554	11,535	0,000	-42,488	15,784
	Limi	983	7,912	12,061	0,000	-37,257	15,787
		984	7,800	11,406	0,000	-43,814	15,787
	329	985	20,878	10,361	0,000	-53,582	15,719
	Limi	986	20,618	11,191	0,000	-45,355	15,727
		987	20,029	10,596	0,000	-51,295	15,725
	330	988	20,725	9,883	0,000	-58,326	15,716
	Limi	989	19,876	10,118	0,000	-56,048	15,723

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		990	20,005	9,280	0,000	-64,357	15,716
	331	991	16,481	11,390	0,000	-43,572	15,747
	Limi	992	16,236	11,742	0,000	-40,078	15,750
		993	15,902	11,342	0,000	-44,080	15,750
	332	994	16,536	11,075	0,000	-46,704	15,746
	Limi	995	15,957	11,027	0,000	-47,213	15,749
		996	16,458	10,484	0,000	-52,607	15,744
	333	997	17,686	11,271	0,000	-44,698	15,741
	Limi	998	17,327	11,787	0,000	-39,579	15,745
		999	17,056	11,385	0,000	-43,596	15,744
	334	1000	17,569	10,940	0,000	-48,002	15,740
	Limi	1001	16,939	11,054	0,000	-46,902	15,744
		1002	16,860	10,462	0,000	-52,803	15,742
4	335	1003	9,150	14,717	0,000	-10,664	15,783
	Silice	1004	9,250	14,467	0,000	-13,160	15,783
		1005	9,800	14,717	0,000	-10,638	15,780
	336	1006	8,783	14,550	0,000	-12,345	15,785
	Silice	1007	8,333	14,050	0,000	-17,363	15,786
		1008	8,883	14,300	0,000	-14,841	15,784
	337	1009	8,083	14,133	0,000	-16,540	15,787
	Silice	1010	8,533	14,633	0,000	-11,522	15,786
		1011	7,883	14,633	0,000	-11,549	15,788
	338	1012	6,650	14,133	0,000	-16,599	15,793

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]	
	Silice	1013	7,200	14,633	0,000	-11,576	15,791	
		1014	6,550	14,633	0,000	-11,603	15,794	
	339 Silice	1015	5,867	14,633	0,000	-11,631	15,796	
		1016	5,217	14,633	0,000	-11,658	15,799	
	340 Silice	1017	5,217	14,133	0,000	-16,658	15,799	
		1018	5,467	13,967	0,000	-18,314	15,798	
		1019	6,217	13,967	0,000	-18,283	15,795	
	341 Silice	1020	6,117	14,467	0,000	-13,287	15,795	
		1021	6,933	13,967	0,000	-18,254	15,792	
		1022	7,683	13,967	0,000	-18,223	15,789	
	5	342 Silice	1023	7,483	14,467	0,000	-13,231	15,790
			1024	11,308	15,717	0,000	-0,578	15,775
1025			11,483	15,467	0,000	-3,072	15,774	
343 Silice		1026	12,058	15,717	0,000	-0,550	15,772	
		1027	10,925	15,550	0,000	-2,260	15,776	
		1028	10,525	15,050	0,000	-7,276	15,778	
344 Silice		1029	11,100	15,300	0,000	-4,753	15,775	
		1030	8,083	15,467	0,000	-3,207	15,787	
		1031	7,883	14,967	0,000	-8,215	15,788	
345 Silice		1032	8,533	14,967	0,000	-8,189	15,786	
		1033	6,650	15,467	0,000	-3,266	15,793	
	1034	6,550	14,967	0,000	-8,270	15,794		
	1035	7,200	14,967	0,000	-8,243	15,791		



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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	346	1036	5,867	14,967	0,000	-8,298	15,796
	Silice	1037	5,217	15,467	0,000	-3,324	15,799
		1038	5,217	14,967	0,000	-8,324	15,799
		347	1039	9,867	15,633	0,000	-1,469
	Silice	1040	10,217	15,133	0,000	-6,455	15,779
		1041	10,617	15,633	0,000	-1,439	15,777
		348	1042	6,933	15,633	0,000	-1,587
	Silice	1043	7,483	15,133	0,000	-6,565	15,790
		1044	7,683	15,633	0,000	-1,557	15,789
		349	1045	9,517	15,467	0,000	-3,149
	Silice	1046	9,217	14,967	0,000	-8,161	15,783
		1047	9,867	14,967	0,000	-8,135	15,780
		350	1048	5,467	15,633	0,000	-1,647
	Silice	1049	6,117	15,133	0,000	-6,621	15,795
		1050	6,217	15,633	0,000	-1,617	15,795
		351	1051	9,150	15,633	0,000	-1,497
	Silice	1052	8,400	15,633	0,000	-1,528	15,786
		1053	8,850	15,133	0,000	-6,509	15,784
6		352	1054	21,977	13,983	0,000	-17,567
	Cen di pi	1055	21,952	13,846	0,000	-18,940	15,740
		1056	22,286	13,846	0,000	-18,931	15,739
		353	1057	21,259	14,201	0,000	-15,410
	Cen di pi	1058	21,250	13,900	0,000	-18,413	15,741

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		1059	21,601	13,900	0,000	-18,405	15,741
	354	1060	21,019	14,201	0,000	-15,415	15,742
	Cen di pi	1061	20,641	13,900	0,000	-18,428	15,743
		1062	21,010	13,900	0,000	-18,419	15,742
	355	1063	19,610	14,166	0,000	-15,794	15,746
	Cen di pi	1064	19,712	13,892	0,000	-18,538	15,745
		1065	20,100	13,892	0,000	-18,528	15,744
	356	1066	21,726	13,946	0,000	-17,944	15,740
	Cen di pi	1067	21,751	14,083	0,000	-16,572	15,740
		1068	21,384	14,246	0,000	-14,949	15,741
	357	1069	19,345	14,166	0,000	-15,801	15,747
	Cen di pi	1070	19,040	13,892	0,000	-18,557	15,747
		1071	19,447	13,892	0,000	-18,545	15,746
	358	1072	18,227	14,371	0,000	-13,784	15,750
	Cen di pi	1073	18,124	13,943	0,000	-18,072	15,750
		1074	18,552	13,943	0,000	-18,059	15,749
	359	1075	17,934	14,371	0,000	-13,793	15,751
	Cen di pi	1076	17,382	13,943	0,000	-18,095	15,752
		1077	17,831	13,943	0,000	-18,081	15,751
	360	1078	16,210	14,333	0,000	-14,230	15,756
	Cen di pi	1079	16,247	13,933	0,000	-18,228	15,756
		1080	16,720	13,933	0,000	-18,212	15,755
	361	1081	20,498	14,065	0,000	-16,784	15,743

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Cen di pi	1082	20,876	14,366	0,000	-13,771	15,743
		1083	20,439	14,560	0,000	-11,841	15,744
362	Cen di pi	1084	15,887	14,333	0,000	-14,241	15,757
		1085	15,428	13,933	0,000	-18,256	15,759
		1086	15,924	13,933	0,000	-18,239	15,757
363	Cen di pi	1087	14,230	14,370	0,000	-13,931	15,763
		1088	14,238	13,943	0,000	-18,207	15,763
		1089	14,759	13,943	0,000	-18,188	15,761
364	Cen di pi	1090	13,874	14,370	0,000	-13,944	15,765
		1091	13,333	13,943	0,000	-18,240	15,767
		1092	13,881	13,943	0,000	-18,220	15,765
365	Cen di pi	1093	11,987	14,336	0,000	-14,354	15,772
		1094	12,004	13,934	0,000	-18,376	15,772
		1095	12,580	13,934	0,000	-18,354	15,769
366	Cen di pi	1096	20,150	14,551	0,000	-11,934	15,745
		1097	19,719	14,331	0,000	-14,143	15,746
		1098	20,209	14,056	0,000	-16,877	15,744
367	Cen di pi	1099	9,074	13,883	0,000	-19,000	15,783
		1100	8,956	14,133	0,000	-16,505	15,784
		1101	8,406	13,883	0,000	-19,027	15,786
368	Cen di pi	1102	19,101	14,309	0,000	-14,380	15,747
		1103	18,471	14,463	0,000	-12,861	15,749
		1104	18,796	14,034	0,000	-17,136	15,748

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	369	1105	9,441	14,050	0,000	-17,318	15,782
	Cen di pi	1106	9,873	14,550	0,000	-12,301	15,780
		1107	9,323	14,300	0,000	-14,823	15,782
		370	1108	11,593	14,336	0,000	-14,370
	Cen di pi	1109	11,006	13,934	0,000	-18,415	15,776
		1110	11,611	13,934	0,000	-18,391	15,773
		371	1111	16,596	15,267	0,000	-4,885
	Cen di pi	1112	16,297	14,667	0,000	-10,895	15,756
		1113	16,807	14,267	0,000	-14,877	15,754
		372	1114	16,950	15,276	0,000	-4,779
	Cen di pi	1115	17,161	14,276	0,000	-14,770	15,753
		1116	17,714	14,705	0,000	-10,468	15,752
		373	1117	11,447	14,753	0,000	-10,209
	Cen di pi	1118	11,231	15,101	0,000	-6,740	15,775
		1119	10,656	14,851	0,000	-9,263	15,777
		374	1120	19,527	14,573	0,000	-11,731
	Cen di pi	1121	19,957	14,793	0,000	-9,522	15,745
		1122	19,438	15,024	0,000	-7,228	15,747
		375	1123	11,830	14,920	0,000	-8,528
	Cen di pi	1124	12,189	15,517	0,000	-2,537	15,771
		1125	11,614	15,267	0,000	-5,059	15,773
		376	1126	10,124	14,467	0,000	-13,125
	Cen di pi	1127	9,692	13,967	0,000	-18,142	15,781

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		1128	10,328	13,967	0,000	-18,116	15,778
	377	1129	18,308	14,947	0,000	-8,032	15,750
	Cen di pi	1130	18,849	15,243	0,000	-5,048	15,748
		1131	18,231	15,518	0,000	-2,321	15,750
	378	1132	15,609	15,600	0,000	-1,586	15,759
	Cen di pi	1133	15,997	15,000	0,000	-7,572	15,757
		1134	16,296	15,600	0,000	-1,562	15,756
	379	1135	14,222	15,037	0,000	-7,265	15,763
	Cen di pi	1136	14,821	15,609	0,000	-1,521	15,761
		1137	14,134	15,609	0,000	-1,546	15,764
	380	1138	18,543	14,705	0,000	-10,441	15,749
	Cen di pi	1139	19,173	14,551	0,000	-11,960	15,747
		1140	19,084	15,002	0,000	-7,458	15,748
	381	1141	12,738	15,022	0,000	-7,468	15,769
	Cen di pi	1142	12,470	15,456	0,000	-3,139	15,770
		1143	12,111	14,858	0,000	-9,130	15,771
	382	1144	11,323	14,503	0,000	-12,714	15,774
	Cen di pi	1145	10,532	14,601	0,000	-11,768	15,778
		1146	10,736	14,101	0,000	-16,759	15,777
	383	1147	17,109	15,610	0,000	-1,441	15,754
	Cen di pi	1148	17,873	15,038	0,000	-7,130	15,751
		1149	17,796	15,610	0,000	-1,419	15,751
	384	1150	13,086	15,221	0,000	-5,463	15,768

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Cen di pi	1151	13,506	15,655	0,000	-1,108	15,766
		1152	12,818	15,655	0,000	-1,133	15,769
	385 Cen di pi	1153	13,345	15,031	0,000	-7,361	15,767
		1154	13,853	14,892	0,000	-8,725	15,765
		1155	13,765	15,465	0,000	-3,006	15,765
	386 Cen di pi	1156	12,816	14,689	0,000	-10,799	15,769
		1157	12,190	14,525	0,000	-12,460	15,771
		1158	12,783	14,123	0,000	-16,459	15,769
	387 Cen di pi	1159	13,161	14,131	0,000	-16,361	15,767
		1160	13,702	14,559	0,000	-12,064	15,765
		1161	13,194	14,697	0,000	-10,700	15,767
	388 Cen di pi	1162	15,027	15,276	0,000	-4,847	15,761
		1163	14,427	14,704	0,000	-10,591	15,763
		1164	14,957	14,276	0,000	-14,848	15,761
	389 Cen di pi	1165	15,356	15,267	0,000	-4,928	15,759
		1166	15,286	14,267	0,000	-14,929	15,760
		1167	15,745	14,667	0,000	-10,914	15,758
	7	390 Limi	1168	30,122	13,120	0,000	-7,111
1169			30,226	13,630	0,000	-1,791	13,809
1170			29,653	13,630	0,000	-1,789	13,809
391 Limi		1171	28,458	13,321	0,000	-5,031	13,824
		1172	28,959	13,680	0,000	-1,265	13,807
		1173	28,424	13,680	0,000	-1,267	13,807

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	392	1174	26,968	13,218	0,000	-6,117	13,830
	Limi	1175	27,052	13,654	0,000	-1,542	13,809
		1176	26,586	13,654	0,000	-1,541	13,809
	393	1177	25,825	13,348	0,000	-4,767	13,825
	Limi	1178	26,075	13,687	0,000	-1,200	13,807
		1179	25,640	13,687	0,000	-1,201	13,807
	394	1180	24,442	13,254	0,000	-5,758	13,830
	Limi	1181	24,483	13,663	0,000	-1,453	13,809
		1182	24,104	13,663	0,000	-1,452	13,809
	395	1183	23,484	13,415	0,000	-4,082	13,823
	Limi	1184	23,682	13,704	0,000	-1,029	13,807
		1185	23,329	13,704	0,000	-1,029	13,807
	396	1186	22,610	13,342	0,000	-4,849	13,827
	Limi	1187	22,939	13,686	0,000	-1,223	13,808
		1188	22,610	13,686	0,000	-1,225	13,808
	397	1189	24,704	13,254	0,000	-5,756	13,830
	Limi	1190	25,150	13,663	0,000	-1,450	13,808
		1191	24,744	13,663	0,000	-1,452	13,809
	398	1192	23,022	12,515	0,000	-13,453	13,860
	Limi	1193	22,630	12,862	0,000	-9,847	13,847
		1194	22,630	12,454	0,000	-14,094	13,863
	399	1195	23,022	12,217	0,000	-16,551	13,872
	Limi	1196	22,630	12,156	0,000	-17,193	13,875

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		1197	22,630	11,671	0,000	-22,243	13,895
	400	1198	27,290	13,218	0,000	-6,116	13,829
	Limi	1199	27,873	13,654	0,000	-1,540	13,808
		1200	27,374	13,654	0,000	-1,542	13,809
	401	1201	23,311	10,259	0,000	-36,931	13,952
	Limi	1202	22,703	10,916	0,000	-30,103	13,926
		1203	22,703	10,338	0,000	-36,114	13,950
	402	1204	31,237	13,630	0,000	-1,787	13,809
	Limi	1205	30,622	13,630	0,000	-1,790	13,809
		1206	30,519	13,120	0,000	-7,110	13,831
	403	1207	32,337	11,481	0,000	-24,061	13,887
	Limi	1208	32,834	11,502	0,000	-23,850	13,887
		1209	32,834	12,127	0,000	-17,383	13,865
	404	1210	27,467	13,098	0,000	-7,355	13,834
	Limi	1211	28,085	13,176	0,000	-6,547	13,830
		1212	28,051	13,535	0,000	-2,800	13,815
	405	1213	26,097	13,202	0,000	-6,281	13,830
	Limi	1214	26,729	13,105	0,000	-7,290	13,834
		1215	26,347	13,541	0,000	-2,735	13,815
	406	1216	24,900	13,141	0,000	-6,928	13,834
	Limi	1217	25,531	13,211	0,000	-6,191	13,830
		1218	25,347	13,550	0,000	-2,644	13,815
	407	1219	32,125	9,008	0,000	-49,634	13,972



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	Limi	1220	32,781	9,008	0,000	-49,632	13,972
		1221	32,781	9,633	0,000	-43,172	13,951
408	Limi	1222	24,250	13,158	0,000	-6,759	13,834
		1223	23,912	13,567	0,000	-2,474	13,815
	Limi	1224	23,714	13,278	0,000	-5,507	13,829
		1225	22,771	13,246	0,000	-5,850	13,831
409	Limi	1226	23,256	13,300	0,000	-5,279	13,828
		1227	23,101	13,589	0,000	-2,245	13,814
410	Limi	1228	23,277	13,070	0,000	-7,671	13,837
		1229	22,792	13,016	0,000	-8,241	13,840
	Limi	1230	23,184	12,669	0,000	-11,847	13,854
		1231	32,337	11,065	0,000	-28,372	13,902
411	Limi	1232	32,834	10,460	0,000	-34,625	13,922
		1233	32,834	11,085	0,000	-28,161	13,901
412	Limi	1234	32,121	13,592	0,000	-2,186	13,810
		1235	32,780	12,967	0,000	-8,699	13,837
	Limi	1236	32,780	13,592	0,000	-2,188	13,810
		1237	23,753	11,675	0,000	-22,174	13,893
413	Limi	1238	23,303	12,097	0,000	-17,797	13,877
		1239	22,911	11,551	0,000	-23,489	13,899
414	Limi	1240	22,703	9,231	0,000	-47,666	13,998
		1241	23,311	9,837	0,000	-41,320	13,969
	Limi	1242	22,703	9,917	0,000	-40,503	13,968

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	415	1243	23,967	9,609	0,000	-43,675	13,976
	Limi	1244	24,015	9,002	0,000	-49,989	14,001
		1245	24,672	9,002	0,000	-49,942	13,996
	416	1246	27,866	12,543	0,000	-13,096	13,853
	Limi	1247	28,038	12,928	0,000	-9,112	13,839
		1248	27,421	12,850	0,000	-9,919	13,842
	417	1249	25,504	12,419	0,000	-14,418	13,861
	Limi	1250	25,571	12,928	0,000	-9,125	13,841
		1251	24,940	12,858	0,000	-9,862	13,844
	418	1252	23,530	9,609	0,000	-43,697	13,978
	Limi	1253	22,922	9,002	0,000	-50,052	14,007
		1254	23,578	9,002	0,000	-50,021	14,004
	419	1255	26,351	9,469	0,000	-44,997	13,969
	Limi	1256	25,596	8,967	0,000	-50,242	13,992
		1257	26,252	8,967	0,000	-50,203	13,988
	420	1258	24,153	12,928	0,000	-9,146	13,842
	Limi	1259	23,617	13,048	0,000	-7,898	13,838
		1260	23,524	12,647	0,000	-12,073	13,854
	421	1261	29,523	9,518	0,000	-44,398	13,957
	Limi	1262	29,342	8,979	0,000	-49,967	13,976
		1263	29,998	8,979	0,000	-49,955	13,975
	422	1264	24,272	12,653	0,000	-11,996	13,853
	Limi	1265	23,643	12,373	0,000	-14,924	13,865

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		1266	24,094	11,951	0,000	-19,301	13,881
	423	1267	26,788	9,469	0,000	-44,978	13,967
	Limi	1268	26,689	8,967	0,000	-50,181	13,985
		1269	27,346	8,967	0,000	-50,152	13,983
	424	1270	29,086	9,518	0,000	-44,406	13,958
	Limi	1271	28,248	8,979	0,000	-49,996	13,979
		1272	28,904	8,979	0,000	-49,977	13,977
	425	1273	31,111	9,610	0,000	-43,423	13,952
	Limi	1274	30,723	9,002	0,000	-49,706	13,973
		1275	31,379	9,002	0,000	-49,699	13,972
	426	1276	28,674	12,612	0,000	-12,377	13,850
	Limi	1277	28,352	12,868	0,000	-9,725	13,841
		1278	28,179	12,484	0,000	-13,709	13,855
	427	1279	28,899	12,860	0,000	-9,812	13,841
	Limi	1280	29,078	13,475	0,000	-3,411	13,816
		1281	28,576	13,116	0,000	-7,158	13,832
	428	1282	26,624	12,822	0,000	-10,220	13,844
	Limi	1283	25,992	12,919	0,000	-9,215	13,841
		1284	25,925	12,410	0,000	-14,505	13,860
	429	1285	24,491	11,898	0,000	-19,843	13,882
	Limi	1286	25,234	12,161	0,000	-17,096	13,871
		1287	24,670	12,600	0,000	-12,540	13,854
	430	1288	27,192	11,803	0,000	-20,777	13,881

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	Limi	1289	27,654	12,262	0,000	-16,011	13,863
		1290	27,210	12,569	0,000	-12,835	13,853
431	Limi	1291	29,223	12,810	0,000	-10,331	13,843
		1292	29,871	12,915	0,000	-9,234	13,839
		1293	29,402	13,425	0,000	-3,934	13,818
		1294	23,826	11,274	0,000	-26,345	13,909
432	Limi	1295	22,984	11,149	0,000	-27,662	13,916
		1296	23,592	10,492	0,000	-34,486	13,941
433	Limi	1297	31,813	12,194	0,000	-16,688	13,863
		1298	32,082	11,654	0,000	-22,271	13,881
		1299	32,579	12,300	0,000	-15,592	13,859
		1300	29,872	9,720	0,000	-42,298	13,950
434	Limi	1301	30,346	9,182	0,000	-47,856	13,968
		1302	30,734	9,789	0,000	-41,571	13,946
435	Limi	1303	28,440	11,875	0,000	-20,020	13,877
		1304	28,696	12,364	0,000	-14,950	13,859
		1305	28,201	12,235	0,000	-16,283	13,864
		1306	32,473	9,836	0,000	-41,079	13,944
436	Limi	1307	31,549	9,818	0,000	-41,265	13,945
		1308	31,817	9,211	0,000	-47,543	13,965
437	Limi	1309	28,121	11,679	0,000	-22,052	13,884
		1310	27,882	12,040	0,000	-18,315	13,871
		1311	27,420	11,581	0,000	-23,080	13,889

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	438	1312	26,130	12,122	0,000	-17,489	13,871
	Limi	1313	26,811	11,768	0,000	-21,147	13,883
		1314	26,828	12,534	0,000	-13,203	13,854
	439	1315	30,854	11,469	0,000	-24,195	13,888
	Limi	1316	31,650	11,447	0,000	-24,421	13,889
		1317	31,382	11,986	0,000	-18,839	13,870
	440	1318	31,300	12,656	0,000	-11,913	13,847
	Limi	1319	31,407	13,387	0,000	-4,326	13,819
		1320	30,688	12,877	0,000	-9,628	13,840
	441	1321	29,189	11,927	0,000	-19,468	13,874
	Limi	1322	28,943	12,287	0,000	-15,747	13,861
		1323	28,687	11,797	0,000	-20,816	13,879
	442	1324	25,239	11,023	0,000	-28,916	13,915
	Limi	1325	25,377	11,767	0,000	-21,189	13,886
		1326	24,634	11,504	0,000	-23,938	13,898
	443	1327	27,959	10,772	0,000	-31,444	13,917
	Limi	1328	28,140	11,362	0,000	-25,334	13,895
		1329	27,440	11,264	0,000	-26,364	13,900
	444	1330	31,602	10,228	0,000	-37,026	13,931
	Limi	1331	32,526	10,246	0,000	-36,841	13,930
		1332	32,029	10,850	0,000	-30,588	13,909
	445	1333	30,477	12,461	0,000	-13,930	13,854
	Limi	1334	30,561	11,723	0,000	-21,573	13,880

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		1335	31,089	12,240	0,000	-16,216	13,861
	446	1336	31,170	10,437	0,000	-34,868	13,924
	Limi	1337	31,597	11,059	0,000	-28,428	13,902
		1338	30,801	11,082	0,000	-28,203	13,902
	447	1339	24,913	10,675	0,000	-32,544	13,929
	Limi	1340	24,308	11,156	0,000	-27,566	13,912
		1341	24,074	10,374	0,000	-35,705	13,944
	448	1342	29,894	12,590	0,000	-12,593	13,850
	Limi	1343	29,245	12,485	0,000	-13,691	13,854
		1344	29,491	12,125	0,000	-17,413	13,867
	449	1345	29,084	11,245	0,000	-26,532	13,898
	Limi	1346	29,224	11,667	0,000	-22,165	13,883
		1347	28,722	11,537	0,000	-23,513	13,888
	450	1348	28,856	11,005	0,000	-29,017	13,907
	Limi	1349	28,494	11,297	0,000	-25,998	13,897
		1350	28,313	10,708	0,000	-32,106	13,918
	451	1351	26,533	11,383	0,000	-25,149	13,898
	Limi	1352	25,851	11,737	0,000	-21,493	13,886
		1353	25,713	10,993	0,000	-29,216	13,915
	452	1354	26,941	10,171	0,000	-37,707	13,941
	Limi	1355	27,659	10,475	0,000	-34,536	13,928
		1356	27,140	10,966	0,000	-29,457	13,912
	453	1357	29,878	10,137	0,000	-37,981	13,936

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Limi	1358	30,741	10,207	0,000	-37,255	13,932
		1359	30,371	10,851	0,000	-30,591	13,910
	454	1360	29,735	11,914	0,000	-19,594	13,874
		1361	30,222	11,641	0,000	-22,418	13,883
	Limi	1362	30,138	12,379	0,000	-14,775	13,857
		1363	29,155	10,154	0,000	-37,820	13,936
	455	1364	29,021	10,719	0,000	-31,973	13,917
		1365	28,479	10,422	0,000	-35,061	13,928
	456	1366	28,244	10,054	0,000	-38,875	13,942
		1367	28,083	9,248	0,000	-47,221	13,970
	Limi	1368	28,921	9,786	0,000	-41,630	13,949
		1369	27,779	10,042	0,000	-39,012	13,943
	457	1370	27,061	9,738	0,000	-42,184	13,956
		1371	27,618	9,236	0,000	-47,362	13,972
	458	1372	31,866	13,348	0,000	-4,725	13,821
		1373	31,760	12,617	0,000	-12,310	13,848
	Limi	1374	32,525	12,723	0,000	-11,217	13,845
		1375	30,039	11,017	0,000	-28,884	13,905
	459	1376	29,411	10,868	0,000	-30,429	13,911
		1377	29,546	10,303	0,000	-36,275	13,930
	460	1378	30,041	11,345	0,000	-25,479	13,893
		1379	29,554	11,619	0,000	-22,657	13,884
	Limi	1380	29,413	11,197	0,000	-27,023	13,899

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	461 Limi	1381	25,874	10,610	0,000	-33,187	13,929
		1382	26,495	10,204	0,000	-37,372	13,942
		1383	26,693	11,000	0,000	-29,118	13,912
	462 Limi	1384	25,422	9,270	0,000	-47,114	13,981
		1385	26,177	9,772	0,000	-41,868	13,959
		1386	25,556	10,177	0,000	-37,687	13,946
	463 Limi	1387	24,935	9,305	0,000	-46,782	13,983
		1388	25,070	10,212	0,000	-37,347	13,947
		1389	24,231	9,911	0,000	-40,514	13,963
8	464 Cen di pi	1390	22,397	14,379	0,000	-13,600	15,739
		1391	22,088	14,116	0,000	-16,232	15,740
		1392	22,397	13,979	0,000	-17,596	15,739
	465 Cen di pi	1393	22,397	14,876	0,000	-8,638	15,740
		1394	22,397	15,276	0,000	-4,641	15,740
		1395	22,088	15,303	0,000	-4,371	15,740
	466 Cen di pi	1396	21,270	14,763	0,000	-9,787	15,742
		1397	21,637	15,290	0,000	-4,511	15,741
		1398	21,270	15,323	0,000	-4,193	15,742
	467 Cen di pi	1399	21,760	15,049	0,000	-6,917	15,741
		1400	21,393	14,522	0,000	-12,192	15,741
		1401	21,760	14,359	0,000	-13,815	15,741
	468 Cen di pi	1402	21,002	14,787	0,000	-9,555	15,743
		1403	21,002	15,347	0,000	-3,961	15,743



**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		1404	20,565	15,385	0,000	-3,583	15,744
	469	1405	20,420	15,264	0,000	-4,805	15,744
	Cen di pi	1406	20,420	14,859	0,000	-8,847	15,744
		1407	20,857	14,665	0,000	-10,776	15,743
	470	1408	21,985	15,082	0,000	-6,581	15,740
	Cen di pi	1409	21,985	14,392	0,000	-13,479	15,740
		1410	22,294	14,655	0,000	-10,847	15,740
	471	1411	20,101	15,074	0,000	-6,707	15,745
	Cen di pi	1412	20,101	15,478	0,000	-2,665	15,745
		1413	19,582	15,525	0,000	-2,217	15,746
	472	1414	19,409	15,467	0,000	-2,800	15,747
	Cen di pi	1415	19,409	15,247	0,000	-4,995	15,747
		1416	19,928	15,016	0,000	-7,289	15,745
	473	1417	19,029	15,416	0,000	-3,322	15,748
	Cen di pi	1418	19,029	15,635	0,000	-1,126	15,748
		1419	18,412	15,690	0,000	-0,595	15,750
9	474	1420	22,610	14,333	0,000	0,000	14,333
	Cen di pi	1421	22,610	13,933	0,000	0,000	13,933
		1422	22,939	13,933	0,000	0,000	13,933
	475	1423	23,801	14,131	0,000	0,000	14,131
	Cen di pi	1424	23,408	13,883	0,000	0,000	13,883
		1425	23,761	13,883	0,000	0,000	13,883
	476	1426	24,045	14,131	0,000	0,000	14,131

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Cen di pi	1427	24,005	13,883	0,000	0,000	13,883
		1428	24,383	13,883	0,000	0,000	13,883
477	Cen di pi	1429	25,123	14,090	0,000	0,000	14,090
		1430	24,849	13,873	0,000	0,000	13,873
	Cen di pi	1431	25,255	13,873	0,000	0,000	13,873
		1432	25,404	14,090	0,000	0,000	14,090
478	Cen di pi	1433	25,535	13,873	0,000	0,000	13,873
		1434	25,970	13,873	0,000	0,000	13,873
479	Cen di pi	1435	27,065	14,198	0,000	0,000	14,198
		1436	26,610	13,899	0,000	0,000	13,899
	Cen di pi	1437	27,076	13,899	0,000	0,000	13,899
		1438	25,988	14,996	0,000	0,000	14,996
480	Cen di pi	1439	26,116	15,299	0,000	0,000	15,299
		1440	25,681	15,299	0,000	0,000	15,299
481	Cen di pi	1441	24,530	15,081	0,000	0,000	15,081
		1442	24,505	15,320	0,000	0,000	15,320
	Cen di pi	1443	24,126	15,320	0,000	0,000	15,320
		1444	23,590	15,082	0,000	0,000	15,082
482	Cen di pi	1445	23,708	15,321	0,000	0,000	15,321
		1446	23,355	15,321	0,000	0,000	15,321
483	Cen di pi	1447	22,610	14,867	0,000	0,000	14,867
		1448	22,939	15,267	0,000	0,000	15,267
		1449	22,610	15,267	0,000	0,000	15,267

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	484	1450	24,792	15,081	0,000	0,000	15,081
	Cen di pi	1451	25,172	15,320	0,000	0,000	15,320
		1452	24,766	15,320	0,000	0,000	15,320
	485	1453	26,288	14,996	0,000	0,000	14,996
	Cen di pi	1454	26,882	15,299	0,000	0,000	15,299
		1455	26,416	15,299	0,000	0,000	15,299
	486	1456	27,387	14,198	0,000	0,000	14,198
	Cen di pi	1457	27,398	13,899	0,000	0,000	13,899
		1458	27,897	13,899	0,000	0,000	13,899
	487	1459	28,059	14,990	0,000	0,000	14,990
	Cen di pi	1460	28,065	15,298	0,000	0,000	15,298
		1461	27,566	15,298	0,000	0,000	15,298
	488	1462	22,851	14,416	0,000	0,000	14,416
	Cen di pi	1463	23,180	14,016	0,000	0,000	14,016
		1464	23,574	14,265	0,000	0,000	14,265
	489	1465	28,992	14,145	0,000	0,000	14,145
	Cen di pi	1466	28,557	13,886	0,000	0,000	13,886
		1467	29,093	13,886	0,000	0,000	13,886
	490	1468	28,404	14,990	0,000	0,000	14,990
	Cen di pi	1469	28,946	15,298	0,000	0,000	15,298
		1470	28,410	15,298	0,000	0,000	15,298
	491	1471	23,842	15,003	0,000	0,000	15,003
	Cen di pi	1472	24,365	15,002	0,000	0,000	15,002

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
		1473	23,961	15,241	0,000	0,000	15,241
	492	1474	24,875	14,173	0,000	0,000	14,173
	Cen di pi	1475	24,263	14,204	0,000	0,000	14,204
		1476	24,601	13,955	0,000	0,000	13,955
	493	1477	22,798	14,787	0,000	0,000	14,787
	Cen di pi	1478	23,362	14,949	0,000	0,000	14,949
		1479	23,127	15,187	0,000	0,000	15,187
	494	1480	29,362	14,145	0,000	0,000	14,145
	Cen di pi	1481	29,462	13,886	0,000	0,000	13,886
		1482	30,036	13,886	0,000	0,000	13,886
	495	1483	30,261	14,333	0,000	0,000	14,333
	Cen di pi	1484	30,261	15,133	0,000	0,000	15,133
		1485	29,687	15,133	0,000	0,000	15,133
	496	1486	25,716	14,916	0,000	0,000	14,916
	Cen di pi	1487	25,409	15,219	0,000	0,000	15,219
		1488	25,029	14,980	0,000	0,000	14,980
	497	1489	25,944	14,535	0,000	0,000	14,535
	Cen di pi	1490	25,506	14,256	0,000	0,000	14,256
		1491	26,072	14,038	0,000	0,000	14,038
	498	1492	26,284	14,562	0,000	0,000	14,562
	Cen di pi	1493	26,412	14,065	0,000	0,000	14,065
		1494	26,867	14,363	0,000	0,000	14,363
	499	1495	30,657	14,867	0,000	0,000	14,867

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	Cen di pi	1496	30,657	14,067	0,000	0,000	14,067
		1497	31,272	14,067	0,000	0,000	14,067
500	Cen di pi	1498	31,477	14,333	0,000	0,000	14,333
		1499	31,477	15,133	0,000	0,000	15,133
		1500	30,862	15,133	0,000	0,000	15,133
501	Cen di pi	1501	27,022	14,630	0,000	0,000	14,630
		1502	27,034	15,132	0,000	0,000	15,132
		1503	26,440	14,828	0,000	0,000	14,828
502	Cen di pi	1504	27,385	14,629	0,000	0,000	14,629
		1505	27,889	14,823	0,000	0,000	14,823
		1506	27,396	15,130	0,000	0,000	15,130
503	Cen di pi	1507	23,652	14,452	0,000	0,000	14,452
		1508	23,493	14,765	0,000	0,000	14,765
		1509	22,929	14,603	0,000	0,000	14,603
504	Cen di pi	1510	28,055	14,556	0,000	0,000	14,556
		1511	27,551	14,362	0,000	0,000	14,362
		1512	28,062	14,064	0,000	0,000	14,064
505	Cen di pi	1513	24,985	14,786	0,000	0,000	14,786
		1514	25,234	14,443	0,000	0,000	14,443
		1515	25,672	14,722	0,000	0,000	14,722
506	Cen di pi	1516	28,370	14,543	0,000	0,000	14,543
		1517	28,377	14,050	0,000	0,000	14,050
		1518	28,811	14,309	0,000	0,000	14,309

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Cluster	Soil Element	Stress Point	X [m]	Y [m]	P <sub>excess</sub> [kN/m <sup>2</sup> ]	P <sub>active</sub> [kN/m <sup>2</sup> ]	GW-Head [m]
	507 Cen di pi	1519	24,014	14,506	0,000	0,000	14,506
		1520	24,378	14,818	0,000	0,000	14,818
		1521	23,856	14,819	0,000	0,000	14,819
	508 Cen di pi	1522	28,990	14,576	0,000	0,000	14,576
		1523	29,091	15,117	0,000	0,000	15,117
		1524	28,549	14,810	0,000	0,000	14,810
	509 Cen di pi	1525	24,271	14,391	0,000	0,000	14,391
		1526	24,884	14,360	0,000	0,000	14,360
		1527	24,635	14,703	0,000	0,000	14,703
	510 Cen di pi	1528	29,462	14,953	0,000	0,000	14,953
		1529	29,362	14,411	0,000	0,000	14,411
		1530	30,036	14,153	0,000	0,000	14,153
	511 Cen di pi	1531	32,780	14,333	0,000	0,000	14,333
		1532	32,780	15,133	0,000	0,000	15,133
		1533	32,121	15,133	0,000	0,000	15,133
	512 Cen di pi	1534	32,561	14,067	0,000	0,000	14,067
		1535	31,902	14,867	0,000	0,000	14,867
		1536	31,902	14,067	0,000	0,000	14,067

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
1	5,750	15,800	0,000	0,000	0,000	0,000
2	5,000	15,800	0,000	0,000	0,000	0,000
3	5,000	15,300	0,000	0,000	0,000	0,000
4	5,650	15,300	0,000	0,000	0,000	0,000
5	5,000	14,800	0,000	5,033	0,000	0,210
6	5,650	14,800	0,688	4,998	0,019	0,209
7	5,000	14,300	0,000	4,779	0,000	0,200
8	5,650	14,300	0,624	4,690	0,021	0,194
9	5,000	13,800	0,000	4,290	0,000	0,169
10	5,750	13,800	0,721	4,254	0,021	0,170
11	5,000	13,175	0,000	4,098	0,000	0,159
12	6,400	14,300	1,573	4,589	0,035	0,195
13	6,950	14,800	2,290	4,786	0,038	0,212
14	6,300	14,800	1,586	4,912	0,041	0,212
15	6,400	15,300	0,000	0,000	0,000	0,000
16	7,050	14,300	2,238	4,465	0,051	0,200
17	7,050	15,300	0,000	0,000	0,000	0,000
18	7,250	15,800	0,000	0,000	0,000	0,000
19	6,500	15,800	0,000	0,000	0,000	0,000
20	5,750	13,175	0,630	4,075	0,022	0,160
21	5,000	12,550	0,000	3,862	0,000	0,150
22	5,597	12,104	0,353	3,652	0,018	0,144
23	5,000	11,925	0,000	3,576	0,000	0,141
24	5,000	11,300	0,000	3,230	0,000	0,130
25	5,597	11,479	0,261	3,316	0,018	0,134
26	5,000	10,675	0,000	2,838	0,000	0,119

**Plaxis - Finite Element Code for Soil and Rock Analyses**

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
27	7,800	15,300	0,000	0,000	0,000	0,000
28	7,600	14,800	3,367	4,539	0,055	0,226
29	7,800	14,300	3,255	4,186	0,058	0,211
30	8,250	14,800	3,776	4,288	0,052	0,237
31	8,000	15,800	0,000	0,000	0,000	0,000
32	8,450	15,300	0,000	0,000	0,000	0,000
33	8,750	15,800	0,000	0,000	0,000	0,000
34	7,250	13,800	2,285	4,019	0,057	0,179
35	6,500	13,800	1,475	4,155	0,040	0,171
36	7,118	13,128	1,800	3,882	0,064	0,168
37	6,347	12,729	1,004	3,862	0,042	0,156
38	7,868	13,128	2,473	3,700	0,091	0,181
39	6,965	12,057	1,099	3,452	0,063	0,152
40	8,450	14,300	3,957	3,913	0,075	0,228
41	8,595	13,363	3,408	3,542	0,119	0,209
42	8,000	13,800	3,205	3,794	0,073	0,190
43	8,668	13,800	4,167	3,678	0,112	0,217
44	8,550	14,050	4,148	3,734	0,094	0,215
45	5,597	10,854	0,187	2,932	0,017	0,123
46	6,194	11,658	0,558	3,368	0,037	0,140
47	6,402	10,984	0,457	2,926	0,040	0,129
48	6,852	11,401	0,741	3,100	0,056	0,140
49	5,805	10,180	0,165	2,459	0,020	0,110
50	5,000	10,050	0,000	2,404	0,000	0,106
51	5,000	9,425	0,000	1,950	0,000	0,091
52	5,673	9,425	0,090	1,929	0,013	0,091



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
53	5,000	8,800	0,000	1,494	0,000	0,073
54	5,673	8,800	0,072	1,474	0,010	0,073
55	5,000	8,050	0,000	1,291	0,000	0,066
56	5,673	8,050	0,041	1,270	0,009	0,067
57	6,632	8,116	0,104	1,193	0,021	0,068
58	5,959	7,366	0,029	1,063	0,011	0,060
59	5,000	7,300	0,000	1,078	0,000	0,059
60	5,000	6,550	0,000	0,864	0,000	0,050
61	5,587	6,735	0,007	0,906	0,006	0,052
62	5,587	5,985	-0,001	0,695	0,005	0,042
63	5,000	5,800	0,000	0,652	0,000	0,040
64	5,700	5,050	-0,004	0,434	0,004	0,029
65	5,000	5,050	0,000	0,441	0,000	0,029
66	5,000	4,300	0,000	0,239	0,000	0,016
67	5,700	4,300	0,000	0,235	0,002	0,016
68	5,000	3,725	0,000	0,178	0,000	0,013
69	5,700	3,725	-0,002	0,175	0,002	0,013
70	5,840	3,150	-0,003	0,115	0,001	0,009
71	5,000	3,150	0,000	0,118	0,000	0,009
72	5,000	2,575	0,000	0,058	0,000	0,005
73	5,000	2,000	0,000	0,000	0,000	0,000
74	5,700	2,000	0,000	0,000	0,000	0,000
75	5,700	2,575	-0,002	0,057	0,001	0,005
76	9,264	13,363	3,937	2,982	0,155	0,231
77	8,463	12,691	2,424	3,239	0,118	0,193
78	7,736	12,455	1,798	3,460	0,090	0,171

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
79	7,623	11,800	1,238	3,117	0,083	0,158
80	8,377	11,929	1,602	2,815	0,108	0,174
81	9,000	14,550	5,359	3,869	0,123	0,250
82	8,900	14,800	5,293	4,102	0,111	0,255
83	9,200	15,300	0,000	0,000	0,000	0,000
84	9,550	14,800	7,185	3,046	0,176	0,252
85	9,100	14,300	5,244	3,437	0,130	0,234
86	9,218	14,050	5,199	3,309	0,148	0,234
87	9,650	14,550	6,895	2,742	0,185	0,248
88	9,336	13,800	5,061	3,183	0,165	0,234
89	9,972	13,800	5,406	2,018	0,218	0,253
90	9,768	14,300	6,566	2,499	0,199	0,250
91	9,500	15,800	0,000	0,000	0,000	0,000
92	9,850	15,300	0,000	0,000	0,000	0,000
93	10,250	15,800	0,000	0,000	0,000	0,000
94	7,060	10,727	0,548	2,613	0,056	0,129
95	6,609	10,310	0,340	2,435	0,041	0,116
96	6,478	9,555	0,203	1,930	0,030	0,097
97	7,303	10,102	0,405	2,118	0,054	0,116
98	7,511	11,144	0,830	2,743	0,073	0,143
99	8,265	11,273	1,079	2,471	0,095	0,156
100	7,754	10,520	0,601	2,238	0,071	0,130
101	6,346	8,800	0,139	1,409	0,020	0,075
102	7,171	9,348	0,256	1,639	0,040	0,094
103	7,019	8,800	0,205	1,301	0,029	0,076
104	10,600	15,300	0,000	0,000	0,000	0,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
 Project name : sezione E-E  
 Output : E.034 - Soil element displacements Step : 34 Page : 5

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
105	9,105	12,165	2,051	2,341	0,132	0,196
106	9,191	12,927	3,085	2,754	0,146	0,221
107	9,899	13,363	4,213	1,856	0,186	0,240
108	9,818	12,614	2,826	1,589	0,161	0,219
109	7,305	8,116	0,147	1,079	0,029	0,070
110	7,844	9,348	0,323	1,439	0,052	0,097
111	7,692	8,800	0,274	1,144	0,038	0,078
112	8,217	8,146	0,220	0,863	0,040	0,072
113	8,365	8,800	0,348	0,938	0,047	0,080
114	6,546	6,801	0,021	0,859	0,015	0,053
115	6,918	7,431	0,065	0,977	0,021	0,061
116	7,830	7,461	0,108	0,821	0,031	0,063
117	7,236	6,726	0,030	0,759	0,021	0,053
118	6,175	6,170	0,000	0,720	0,010	0,045
119	6,864	6,096	0,000	0,647	0,015	0,044
120	6,287	5,235	-0,009	0,465	0,008	0,031
121	6,977	5,161	-0,014	0,409	0,011	0,030
122	6,540	3,725	-0,005	0,163	0,004	0,013
123	6,400	4,300	-0,002	0,222	0,004	0,016
124	7,100	4,300	-0,003	0,203	0,006	0,016
125	7,204	4,622	-0,011	0,271	0,009	0,022
126	7,240	3,725	-0,007	0,148	0,005	0,013
127	6,680	3,150	-0,006	0,106	0,003	0,009
128	6,400	2,000	0,000	0,000	0,000	0,000
129	6,540	2,575	-0,004	0,053	0,001	0,005
130	7,100	2,000	0,000	0,000	0,000	0,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description	: SEZIONE (E-E)	Date : 16/02/2009
User name	: G.C., Italy	
Project name	: sezione E-E	
Output	: E.034 - Soil element displacements	Step : 34      Page : 6

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
131	7,240	2,575	-0,006	0,049	0,002	0,005
132	11,000	15,800	0,000	0,000	0,000	0,000
133	11,175	15,550	0,000	0,000	0,000	0,000
134	11,750	15,800	0,000	0,000	0,000	0,000
135	10,526	13,051	3,782	0,282	0,195	0,239
136	9,732	11,852	1,887	1,368	0,143	0,194
137	8,508	10,649	0,770	1,927	0,090	0,142
138	9,019	11,403	1,324	1,963	0,117	0,171
139	9,757	11,245	1,365	1,098	0,130	0,174
140	9,389	10,706	0,939	1,272	0,110	0,153
141	7,996	9,895	0,436	1,731	0,065	0,115
142	8,517	9,348	0,389	1,174	0,062	0,100
143	8,878	9,952	0,548	1,303	0,083	0,123
144	10,404	14,300	6,993	0,963	0,228	0,266
145	10,200	14,800	8,502	1,529	0,225	0,265
146	10,992	14,702	8,402	-0,706	0,228	0,278
147	10,775	15,050	9,549	-0,055	0,224	0,275
148	11,350	15,300	10,724	-1,897	0,226	0,285
149	11,567	14,952	9,427	-2,627	0,228	0,289
150	11,925	15,550	12,025	-4,079	0,231	0,294
151	8,148	6,757	0,058	0,613	0,029	0,054
152	7,554	6,022	0,002	0,555	0,019	0,043
153	7,781	5,482	-0,010	0,414	0,017	0,035
154	8,319	5,908	0,011	0,428	0,024	0,042
155	8,890	8,146	0,282	0,649	0,047	0,074
156	9,038	8,800	0,433	0,682	0,054	0,083

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
Project name : sezione E-E	
Output : E.034 - Soil element displacements	Step : 34      Page : 7

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
157	9,399	9,405	0,502	0,742	0,076	0,107
158	9,712	8,800	0,534	0,375	0,062	0,085
159	7,904	4,622	-0,009	0,232	0,011	0,022
160	8,007	4,943	-0,012	0,286	0,014	0,027
161	8,545	5,369	-0,001	0,308	0,020	0,034
162	8,604	4,622	-0,001	0,186	0,014	0,022
163	7,800	3,150	-0,008	0,088	0,004	0,009
164	7,800	4,300	0,000	0,176	0,008	0,016
165	8,500	4,300	0,006	0,142	0,010	0,016
166	8,500	3,725	-0,001	0,108	0,008	0,013
167	7,800	2,000	0,000	0,000	0,000	0,000
168	8,500	2,575	-0,006	0,037	0,003	0,004
169	8,500	2,000	0,000	0,000	0,000	0,000
170	11,164	13,373	4,622	-1,372	0,221	0,258
171	10,608	13,800	5,469	0,349	0,226	0,265
172	11,213	13,800	5,490	-1,474	0,233	0,276
173	11,196	14,202	6,745	-1,394	0,230	0,277
174	11,083	12,623	3,350	-1,084	0,196	0,232
175	10,445	12,301	2,629	0,295	0,172	0,215
176	10,470	11,694	1,977	0,167	0,157	0,195
177	11,039	11,974	2,527	-0,882	0,178	0,209
178	9,563	8,146	0,361	0,393	0,053	0,076
179	8,742	7,492	0,169	0,598	0,040	0,065
180	8,912	6,643	0,085	0,431	0,034	0,053
181	9,631	7,144	0,199	0,291	0,044	0,062
182	9,200	2,000	0,000	0,000	0,000	0,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
183	9,200	2,575	-0,003	0,029	0,003	0,004
184	9,900	2,000	0,000	0,000	0,000	0,000
185	11,769	13,373	4,880	-3,151	0,232	0,270
186	11,818	13,800	5,605	-3,473	0,243	0,289
187	11,801	14,202	6,760	-3,511	0,234	0,288
188	12,394	13,800	5,960	-5,361	0,251	0,299
189	10,128	10,548	1,018	0,476	0,120	0,153
190	10,496	11,087	1,476	0,079	0,142	0,175
191	11,065	11,367	1,953	-0,805	0,162	0,188
192	11,059	10,580	1,374	-0,625	0,138	0,159
193	9,759	10,009	0,700	0,698	0,099	0,131
194	10,072	9,405	0,614	0,309	0,085	0,110
195	10,691	10,041	0,954	-0,151	0,115	0,138
196	12,142	15,202	10,547	-4,996	0,231	0,295
197	11,783	14,605	8,179	-3,420	0,228	0,289
198	12,410	14,768	8,890	-6,057	0,231	0,296
199	12,377	14,202	6,947	-5,606	0,242	0,298
200	12,500	15,800	13,364	-6,967	0,240	0,293
201	12,768	15,366	11,441	-8,068	0,239	0,292
202	13,188	15,800	13,254	-10,209	0,244	0,291
203	11,677	12,296	3,299	-2,353	0,201	0,226
204	11,721	12,945	4,195	-2,804	0,220	0,251
205	12,345	13,373	5,301	-4,827	0,241	0,278
206	12,285	12,634	4,214	-4,021	0,222	0,244
207	9,802	6,296	0,116	0,189	0,036	0,049
208	9,083	5,794	0,033	0,289	0,027	0,041

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

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Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
209	9,142	5,047	0,011	0,193	0,020	0,029
210	9,778	5,503	0,056	0,146	0,028	0,036
211	10,453	7,798	0,421	0,010	0,057	0,073
212	9,200	3,725	0,008	0,081	0,009	0,013
213	9,200	4,300	0,020	0,104	0,012	0,016
214	9,837	4,756	0,037	0,092	0,019	0,024
215	9,900	4,300	0,043	0,060	0,014	0,016
216	9,200	3,150	0,001	0,056	0,006	0,009
217	9,900	3,725	0,026	0,050	0,011	0,013
218	9,900	2,575	0,003	0,021	0,004	0,004
219	12,241	11,985	3,397	-3,359	0,204	0,217
220	11,634	11,647	2,561	-1,917	0,182	0,201
221	11,628	10,860	1,878	-1,506	0,158	0,172
222	12,154	11,401	2,727	-2,705	0,186	0,194
223	11,003	9,436	0,860	-0,378	0,098	0,115
224	10,385	8,800	0,658	0,031	0,068	0,087
225	11,058	8,800	0,808	-0,341	0,075	0,089
226	11,059	8,313	0,661	-0,297	0,068	0,082
227	10,498	6,004	0,157	0,018	0,037	0,045
228	11,127	7,311	0,438	-0,240	0,056	0,066
229	10,521	6,797	0,255	0,000	0,046	0,057
230	11,159	6,737	0,344	-0,200	0,049	0,056
231	10,980	6,287	0,251	-0,112	0,043	0,049
232	10,600	3,150	0,030	0,017	0,008	0,009
233	10,600	2,000	0,000	0,000	0,000	0,000
234	11,160	2,690	0,028	0,004	0,006	0,005

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
Project name : sezione E-E	
Output : E.034 - Soil element displacements	Step : 34      Page : 10

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
235	11,300	2,000	0,000	0,000	0,000	0,000
236	13,455	15,366	11,661	-10,915	0,248	0,293
237	13,036	14,932	9,874	-8,980	0,241	0,293
238	13,003	14,366	8,032	-8,227	0,252	0,303
239	13,544	14,794	9,872	-10,698	0,259	0,303
240	13,875	15,800	13,059	-12,543	0,251	0,299
241	13,963	15,228	11,465	-12,354	0,260	0,304
242	14,563	15,800	12,907	-14,192	0,264	0,307
243	12,909	13,061	5,414	-6,108	0,241	0,268
244	11,732	8,313	0,821	-0,646	0,073	0,083
245	11,731	8,800	0,992	-0,737	0,080	0,090
246	11,676	9,436	1,116	-0,915	0,107	0,117
247	12,404	8,800	1,195	-1,134	0,085	0,092
248	10,537	4,756	0,079	0,020	0,022	0,024
249	10,474	5,212	0,092	0,028	0,027	0,032
250	10,956	5,495	0,162	-0,060	0,033	0,036
251	11,237	4,756	0,137	-0,056	0,024	0,024
252	10,600	4,300	0,076	0,013	0,016	0,016
253	11,160	3,840	0,085	-0,012	0,014	0,013
254	11,300	4,300	0,119	-0,035	0,017	0,016
255	12,761	11,739	3,641	-4,159	0,207	0,208
256	12,848	12,322	4,383	-5,038	0,224	0,233
257	13,448	12,625	5,499	-6,848	0,240	0,247
258	13,446	11,889	4,606	-5,673	0,224	0,214
259	12,148	10,614	2,056	-2,090	0,160	0,164
260	11,622	10,073	1,362	-1,131	0,131	0,142



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
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Output : E.034 - Soil element displacements	Step : 34      Page : 11

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
261	12,349	9,436	1,435	-1,465	0,115	0,119
262	12,420	10,177	1,944	-2,090	0,149	0,147
263	12,673	11,156	2,968	-3,362	0,189	0,184
264	12,946	10,718	2,840	-3,299	0,180	0,166
265	13,359	11,306	3,861	-4,670	0,207	0,189
266	11,765	7,252	0,555	-0,482	0,059	0,065
267	11,733	7,826	0,680	-0,563	0,066	0,075
268	12,405	8,313	1,007	-0,998	0,076	0,084
269	12,311	7,454	0,731	-0,741	0,064	0,069
270	11,617	6,228	0,348	-0,276	0,045	0,048
271	11,796	6,678	0,455	-0,397	0,052	0,056
272	12,343	6,880	0,618	-0,616	0,057	0,059
273	12,097	6,291	0,455	-0,415	0,049	0,050
274	11,438	5,778	0,258	-0,177	0,039	0,041
275	11,719	5,039	0,217	-0,141	0,030	0,029
276	11,918	5,841	0,349	-0,290	0,042	0,042
277	11,860	2,690	0,047	-0,006	0,007	0,005
278	11,720	3,380	0,088	-0,021	0,012	0,010
279	11,860	3,840	0,131	-0,047	0,016	0,013
280	12,560	3,840	0,188	-0,079	0,018	0,014
281	13,509	13,364	6,614	-8,296	0,254	0,282
282	12,970	13,800	6,605	-7,243	0,259	0,308
283	13,518	13,800	7,380	-9,188	0,262	0,304
284	13,511	14,228	8,368	-9,824	0,262	0,305
285	12,983	7,941	1,048	-1,161	0,073	0,078
286	12,700	3,150	0,127	-0,038	0,012	0,009

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
287	12,000	2,000	0,000	0,000	0,000	0,000
288	12,845	2,374	0,044	-0,007	0,004	0,003
289	12,700	2,000	0,000	0,000	0,000	0,000
290	13,767	8,200	1,374	-1,567	0,079	0,086
291	14,057	13,364	7,484	-9,708	0,261	0,282
292	14,066	13,800	8,243	-10,729	0,267	0,304
293	14,059	14,228	9,073	-11,434	0,266	0,304
294	14,588	13,800	9,093	-11,816	0,271	0,307
295	14,051	14,655	10,024	-12,020	0,264	0,306
296	14,651	15,228	11,777	-13,936	0,269	0,309
297	14,580	14,228	9,726	-12,521	0,268	0,310
298	13,148	9,540	2,033	-2,257	0,135	0,120
299	13,077	8,800	1,420	-1,501	0,088	0,093
300	13,750	8,800	1,791	-1,984	0,103	0,083
301	13,876	9,360	2,470	-2,711	0,139	0,104
302	13,218	10,281	2,723	-3,150	0,169	0,148
303	13,631	10,868	3,736	-4,452	0,199	0,169
304	13,947	10,100	3,305	-3,744	0,176	0,135
305	14,046	12,192	5,804	-7,290	0,242	0,226
306	14,048	12,929	6,803	-8,740	0,255	0,261
307	14,579	13,364	8,361	-10,736	0,268	0,283
308	14,648	12,661	7,390	-9,256	0,260	0,246
309	12,199	5,102	0,295	-0,215	0,033	0,030
310	12,000	4,300	0,176	-0,082	0,019	0,016
311	12,700	4,300	0,247	-0,125	0,022	0,017
312	12,935	4,991	0,409	-0,281	0,035	0,029

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description	: SEZIONE (E-E)	Date : 16/02/2009
User name	: G.C., Italy	
Project name	: sezione E-E	
Output	: E.034 - Soil element displacements	Step : 34      Page : 13

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
313	12,399	5,904	0,458	-0,406	0,045	0,043
314	12,644	6,493	0,623	-0,609	0,054	0,053
315	13,135	5,793	0,616	-0,520	0,047	0,042
316	12,889	7,082	0,809	-0,854	0,062	0,063
317	13,673	7,341	1,107	-1,188	0,068	0,070
318	13,380	6,382	0,812	-0,757	0,056	0,052
319	13,400	2,000	0,000	0,000	0,000	0,000
320	13,545	2,374	0,060	-0,011	0,005	0,003
321	14,100	2,000	0,000	0,000	0,000	0,000
322	13,545	3,524	0,240	-0,083	0,017	0,012
323	13,690	2,749	0,128	-0,029	0,009	0,006
324	14,270	3,095	0,228	-0,056	0,015	0,010
325	14,245	2,374	0,079	-0,012	0,005	0,003
326	15,180	14,800	11,489	-14,315	0,276	0,311
327	15,250	15,800	12,784	-15,242	0,275	0,309
328	15,938	15,800	12,779	-15,808	0,287	0,307
329	15,638	15,200	12,252	-15,108	0,280	0,311
330	15,568	14,200	11,243	-13,905	0,279	0,308
331	14,647	11,925	6,379	-7,707	0,247	0,211
332	14,044	11,456	4,912	-5,968	0,224	0,193
333	14,821	11,324	5,874	-6,749	0,237	0,183
334	14,360	10,688	4,450	-5,099	0,208	0,157
335	14,440	8,200	1,774	-1,941	0,097	0,074
336	14,423	8,800	2,270	-2,488	0,118	0,072
337	14,549	9,360	3,096	-3,300	0,153	0,096
338	15,096	8,800	2,849	-2,978	0,134	0,064

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
339	13,635	4,991	0,556	-0,342	0,038	0,030
340	13,400	4,300	0,332	-0,159	0,024	0,017
341	14,100	4,300	0,427	-0,181	0,026	0,018
342	14,125	3,871	0,359	-0,129	0,023	0,015
343	15,423	11,793	7,448	-8,299	0,261	0,202
344	14,164	6,642	1,134	-1,003	0,062	0,059
345	15,113	8,200	2,300	-2,314	0,115	0,065
346	14,457	7,601	1,430	-1,475	0,073	0,079
347	15,155	7,546	1,884	-1,686	0,093	0,067
348	14,890	7,076	1,499	-1,261	0,068	0,074
349	16,326	15,200	12,628	-15,483	0,288	0,306
350	16,027	14,600	11,991	-14,755	0,281	0,307
351	16,065	14,200	11,755	-14,310	0,277	0,300
352	16,537	14,200	12,204	-14,203	0,277	0,300
353	15,179	13,097	8,913	-10,970	0,271	0,268
354	15,110	13,800	9,942	-12,494	0,273	0,311
355	15,606	13,800	10,728	-13,312	0,273	0,303
356	15,769	13,396	10,363	-12,402	0,277	0,279
357	15,249	12,394	8,010	-9,452	0,266	0,231
358	15,838	12,693	9,462	-10,666	0,280	0,244
359	15,757	12,193	8,589	-9,441	0,274	0,220
360	16,103	13,800	11,504	-13,679	0,276	0,297
361	16,265	13,396	11,230	-12,634	0,284	0,276
362	16,575	13,800	12,231	-13,579	0,281	0,299
363	15,137	10,556	5,321	-5,663	0,219	0,147
364	14,675	9,919	3,929	-4,219	0,184	0,120

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

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Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
365	15,222	9,360	3,800	-3,839	0,167	0,091
366	15,637	10,012	5,218	-5,105	0,209	0,120
367	14,825	3,871	0,446	-0,136	0,025	0,017
368	14,335	4,991	0,724	-0,382	0,042	0,031
369	13,871	5,683	0,804	-0,587	0,050	0,042
370	14,597	6,116	1,176	-0,817	0,058	0,052
371	14,783	5,553	1,066	-0,597	0,054	0,043
372	14,800	4,300	0,532	-0,192	0,029	0,020
373	15,248	4,861	0,905	-0,353	0,045	0,032
374	15,500	4,300	0,643	-0,190	0,031	0,022
375	15,811	8,146	2,916	-2,562	0,128	0,060
376	15,587	7,021	1,922	-1,351	0,085	0,064
377	15,852	7,492	2,424	-1,836	0,109	0,059
378	16,411	7,723	3,148	-2,242	0,127	0,060
379	16,296	7,023	2,469	-1,473	0,105	0,058
380	15,323	6,550	1,579	-1,016	0,064	0,067
381	15,509	5,987	1,487	-0,768	0,061	0,058
382	16,031	6,552	1,980	-1,071	0,081	0,062
383	14,825	2,721	0,181	-0,031	0,011	0,007
384	14,850	3,442	0,354	-0,088	0,020	0,013
385	15,529	3,225	0,363	-0,068	0,019	0,012
386	15,525	3,871	0,539	-0,134	0,027	0,018
387	14,800	2,000	0,000	0,000	0,000	0,000
388	15,504	2,503	0,153	-0,018	0,008	0,005
389	15,500	2,000	0,000	0,000	0,000	0,000
390	16,184	9,453	5,008	-4,490	0,195	0,092

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

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Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
391	15,769	8,800	3,528	-3,401	0,147	0,062
392	16,442	8,800	4,217	-3,623	0,163	0,059
393	16,370	8,377	3,731	-3,058	0,147	0,060
394	16,098	10,649	6,798	-6,456	0,246	0,148
395	15,598	11,192	6,868	-7,204	0,251	0,174
396	15,932	11,592	7,984	-8,229	0,268	0,192
397	16,176	11,241	7,833	-7,627	0,266	0,175
398	16,347	12,493	10,050	-10,381	0,290	0,233
399	16,265	11,992	9,148	-9,233	0,283	0,210
400	16,510	11,641	8,989	-8,552	0,284	0,193
401	16,782	12,043	10,065	-9,432	0,297	0,212
402	16,836	14,800	12,944	-15,075	0,287	0,295
403	16,625	15,800	12,779	-15,989	0,299	0,300
404	17,389	15,229	13,337	-15,111	0,299	0,287
405	17,313	15,800	12,720	-15,681	0,298	0,287
406	17,600	14,229	14,174	-13,341	0,308	0,305
407	16,855	7,253	3,174	-1,780	0,121	0,060
408	16,200	2,000	0,000	0,000	0,000	0,000
409	16,204	2,503	0,179	-0,017	0,009	0,006
410	16,900	2,000	0,000	0,000	0,000	0,000
411	16,204	3,653	0,561	-0,105	0,026	0,018
412	16,208	3,007	0,352	-0,048	0,017	0,011
413	16,904	3,653	0,646	-0,104	0,028	0,019
414	16,904	2,503	0,206	-0,016	0,009	0,006
415	18,076	15,229	14,040	-13,537	0,319	0,304
416	18,000	15,800	12,656	-14,125	0,298	0,300

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
417	18,618	15,525	13,745	-12,606	0,314	0,312
418	18,618	15,745	13,458	-12,609	0,312	0,312
419	16,738	13,396	12,052	-12,438	0,293	0,280
420	16,428	12,993	10,966	-11,587	0,292	0,257
421	16,863	12,543	10,991	-10,488	0,302	0,237
422	17,175	13,033	12,221	-11,413	0,307	0,263
423	17,047	13,800	12,913	-13,019	0,287	0,308
424	17,497	13,800	13,791	-12,688	0,299	0,309
425	17,485	13,436	13,219	-11,985	0,306	0,288
426	16,677	10,697	7,707	-6,740	0,263	0,150
427	16,755	11,289	8,799	-7,891	0,283	0,177
428	17,026	11,691	9,882	-8,730	0,299	0,195
429	17,385	11,175	9,576	-7,728	0,300	0,171
430	17,043	8,377	4,414	-3,147	0,163	0,060
431	16,970	7,953	3,945	-2,615	0,148	0,060
432	17,716	8,377	5,086	-3,080	0,178	0,064
433	17,427	7,615	4,085	-2,205	0,148	0,062
434	16,857	9,453	5,789	-4,643	0,212	0,092
435	16,598	10,105	6,601	-5,662	0,238	0,123
436	17,428	9,889	7,296	-5,364	0,252	0,115
437	17,307	10,583	8,419	-6,601	0,279	0,145
438	17,115	8,800	4,902	-3,701	0,180	0,060
439	17,687	9,237	6,335	-4,276	0,222	0,086
440	17,788	8,800	5,577	-3,610	0,196	0,064
441	15,948	4,861	1,090	-0,338	0,049	0,037
442	15,696	5,423	1,334	-0,542	0,059	0,046

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
443	16,218	5,988	1,823	-0,744	0,069	0,059
444	16,468	5,287	1,525	-0,452	0,063	0,050
445	16,200	4,300	0,757	-0,182	0,034	0,024
446	16,900	4,300	0,873	-0,182	0,036	0,025
447	16,721	4,725	1,184	-0,285	0,050	0,037
448	17,935	13,436	13,826	-11,721	0,315	0,286
449	17,947	13,800	14,464	-12,248	0,308	0,308
450	18,050	14,229	14,796	-12,643	0,319	0,305
451	18,375	13,800	14,844	-12,047	0,317	0,304
452	17,610	12,583	12,158	-10,421	0,319	0,239
453	17,298	12,093	10,940	-9,533	0,311	0,214
454	17,657	11,577	10,662	-8,502	0,316	0,189
455	17,850	12,121	11,805	-9,532	0,327	0,214
456	16,990	5,852	2,156	-0,672	0,087	0,062
457	16,740	6,553	2,496	-1,100	0,100	0,055
458	17,311	6,915	3,298	-1,442	0,122	0,065
459	17,476	6,291	2,826	-0,937	0,110	0,068
460	18,172	8,038	5,188	-2,554	0,178	0,071
461	17,883	7,276	4,181	-1,793	0,150	0,068
462	18,048	6,652	3,620	-1,231	0,134	0,073
463	18,457	7,161	4,498	-1,626	0,161	0,078
464	18,478	14,229	15,130	-12,341	0,329	0,301
465	18,153	14,657	14,813	-12,912	0,328	0,302
466	18,783	14,503	15,064	-12,162	0,328	0,304
467	18,694	14,954	14,715	-12,341	0,324	0,309
468	19,107	14,075	15,216	-11,966	0,332	0,299



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
469	18,137	10,367	9,229	-6,136	0,300	0,139
470	17,421	4,725	1,352	-0,297	0,053	0,037
471	17,241	5,151	1,677	-0,416	0,066	0,049
472	17,727	5,590	2,278	-0,619	0,089	0,058
473	18,121	4,725	1,535	-0,326	0,058	0,037
474	17,600	3,150	0,522	-0,059	0,021	0,014
475	17,600	4,300	0,994	-0,191	0,039	0,026
476	18,300	3,725	0,865	-0,122	0,032	0,020
477	18,300	4,300	1,125	-0,203	0,042	0,026
478	17,600	2,000	0,000	0,000	0,000	0,000
479	18,300	2,575	0,304	-0,019	0,011	0,007
480	18,300	2,000	0,000	0,000	0,000	0,000
481	18,360	9,237	7,098	-4,081	0,243	0,093
482	18,258	9,674	7,945	-4,850	0,268	0,111
483	18,904	10,075	9,795	-5,414	0,321	0,133
484	19,033	9,237	7,876	-3,790	0,267	0,106
485	18,209	11,605	11,556	-8,526	0,337	0,188
486	18,015	11,061	10,343	-7,482	0,319	0,166
487	18,783	10,768	11,056	-6,825	0,346	0,154
488	18,630	11,353	11,828	-8,011	0,351	0,176
489	18,162	12,611	12,928	-10,372	0,333	0,237
490	17,922	13,073	13,266	-11,166	0,321	0,265
491	18,362	13,436	14,262	-11,597	0,324	0,282
492	18,727	12,973	14,048	-10,920	0,342	0,251
493	18,402	12,149	12,651	-9,533	0,345	0,212
494	18,967	12,511	13,872	-10,185	0,359	0,223

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

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Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
495	18,824	11,897	12,944	-9,063	0,362	0,196
496	18,802	13,800	15,120	-11,972	0,325	0,299
497	19,167	13,336	14,812	-11,440	0,343	0,267
498	19,210	13,800	15,165	-11,894	0,331	0,296
499	19,324	14,800	15,078	-12,041	0,326	0,309
500	19,235	15,251	14,652	-12,146	0,322	0,312
501	19,235	15,471	14,649	-12,177	0,323	0,313
502	19,755	15,020	15,230	-12,257	0,324	0,311
503	19,235	15,690	14,634	-12,183	0,323	0,314
504	19,755	15,240	15,338	-12,299	0,323	0,313
505	19,755	15,644	15,593	-12,307	0,322	0,315
506	18,622	6,537	3,828	-1,202	0,145	0,079
507	18,212	6,029	2,970	-0,864	0,112	0,071
508	18,606	5,164	2,176	-0,512	0,079	0,048
509	18,795	5,938	3,158	-0,898	0,114	0,064
510	18,747	7,923	5,544	-2,254	0,189	0,084
511	18,462	8,800	6,220	-3,390	0,213	0,073
512	19,135	8,800	6,778	-3,031	0,230	0,091
513	19,285	8,292	6,324	-2,459	0,212	0,096
514	19,000	2,000	0,000	0,000	0,000	0,000
515	19,000	2,575	0,343	-0,015	0,012	0,007
516	19,700	2,000	0,000	0,000	0,000	0,000
517	19,843	14,569	15,381	-12,174	0,327	0,307
518	19,412	14,350	15,249	-11,987	0,329	0,303
519	19,515	14,075	15,268	-11,976	0,332	0,298
520	19,902	14,075	15,376	-12,110	0,332	0,299

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
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 Output : E.034 - Soil element displacements Step : 34 Page : 21

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
521	19,617	13,800	15,220	-11,915	0,334	0,294
522	19,574	13,336	15,109	-11,483	0,351	0,263
523	20,005	13,800	15,312	-12,052	0,335	0,295
524	19,570	7,415	5,368	-1,743	0,185	0,094
525	19,032	7,045	4,680	-1,532	0,169	0,088
526	19,204	6,446	3,986	-1,207	0,142	0,073
527	19,590	6,791	4,586	-1,397	0,159	0,079
528	19,000	3,725	0,973	-0,119	0,035	0,020
529	19,000	3,150	0,666	-0,055	0,024	0,014
530	19,700	3,725	1,085	-0,094	0,037	0,021
531	19,700	2,575	0,384	-0,007	0,013	0,008
532	20,274	15,194	16,094	-12,707	0,322	0,315
533	20,274	14,789	15,655	-12,615	0,325	0,310
534	20,333	14,295	15,591	-12,476	0,329	0,304
535	20,711	14,595	15,872	-12,969	0,326	0,311
536	20,274	15,598	16,581	-12,706	0,320	0,317
537	20,711	14,999	16,207	-13,097	0,322	0,316
538	20,711	15,559	16,690	-13,104	0,320	0,328
539	19,398	11,060	12,682	-7,377	0,388	0,160
540	19,245	11,645	13,298	-8,576	0,382	0,181
541	19,388	12,259	14,251	-9,762	0,380	0,205
542	19,986	11,656	14,696	-8,620	0,423	0,171
543	19,958	8,292	6,575	-2,188	0,218	0,108
544	19,679	9,638	9,954	-4,407	0,335	0,122
545	19,550	10,475	11,827	-6,142	0,381	0,144
546	20,139	11,071	14,150	-7,362	0,439	0,152

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
Project name : sezione E-E	
Output : E.034 - Soil element displacements	Step : 34      Page : 22

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
547	20,399	10,241	12,894	-5,596	0,428	0,134
548	19,808	8,800	7,402	-2,814	0,257	0,098
549	20,528	9,403	10,623	-4,016	0,367	0,111
550	20,481	8,800	8,278	-2,936	0,293	0,093
551	19,189	5,073	2,288	-0,489	0,080	0,044
552	19,000	4,300	1,264	-0,204	0,045	0,026
553	19,700	4,300	1,402	-0,173	0,048	0,027
554	19,748	4,811	2,148	-0,338	0,073	0,040
555	19,377	5,846	3,334	-0,868	0,117	0,060
556	19,763	6,192	3,938	-1,036	0,135	0,067
557	19,936	5,584	3,265	-0,671	0,111	0,057
558	20,128	7,161	5,236	-1,530	0,173	0,090
559	19,962	13,336	15,408	-11,579	0,356	0,260
560	19,531	12,873	14,877	-10,838	0,367	0,236
561	20,129	12,270	15,489	-9,887	0,410	0,194
562	20,336	12,961	15,894	-11,186	0,382	0,231
563	20,400	3,150	0,818	-0,004	0,027	0,016
564	20,400	2,000	0,000	0,000	0,000	0,000
565	21,100	2,575	0,453	0,033	0,014	0,009
566	21,100	2,000	0,000	0,000	0,000	0,000
567	20,631	8,292	7,021	-2,122	0,236	0,107
568	20,108	7,784	6,025	-1,890	0,195	0,105
569	20,696	7,661	5,966	-1,556	0,186	0,110
570	20,488	7,377	5,597	-1,522	0,179	0,099
571	20,766	13,425	16,120	-12,083	0,355	0,267
572	20,392	13,800	15,473	-12,323	0,335	0,296

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
Project name : sezione E-E	
Output : E.034 - Soil element displacements	Step : 34      Page : 23

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
573	20,770	14,101	15,800	-12,798	0,333	0,304
574	20,761	13,800	15,695	-12,622	0,335	0,298
575	20,934	12,358	17,084	-10,141	0,436	0,182
576	20,322	5,929	3,887	-0,773	0,129	0,066
577	20,148	6,537	4,519	-1,167	0,151	0,077
578	20,508	6,753	4,903	-1,180	0,159	0,085
579	20,578	6,396	4,552	-0,946	0,148	0,079
580	21,800	2,000	0,000	0,000	0,000	0,000
581	21,800	2,575	0,469	0,062	0,014	0,010
582	22,500	2,000	0,000	0,000	0,000	0,000
583	20,752	5,788	3,915	-0,534	0,128	0,070
584	20,988	10,836	15,554	-6,758	0,513	0,138
585	20,727	11,667	16,305	-8,617	0,472	0,155
586	21,300	11,979	17,973	-9,210	0,495	0,153
587	21,614	11,497	18,401	-7,947	0,584	0,131
588	20,448	4,811	2,383	-0,219	0,079	0,044
589	20,400	4,300	1,534	-0,094	0,050	0,030
590	21,100	3,725	1,270	0,052	0,040	0,026
591	21,100	4,300	1,645	0,035	0,052	0,034
592	20,496	5,322	3,164	-0,411	0,105	0,056
593	21,148	4,811	2,594	-0,002	0,083	0,052
594	21,115	5,518	3,717	-0,202	0,120	0,072
595	21,201	9,403	11,766	-4,254	0,412	0,099
596	21,148	15,520	16,636	-13,322	0,326	0,360
597	21,148	14,961	16,343	-13,414	0,322	0,321
598	21,515	15,488	16,531	-13,262	0,334	0,375

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
Project name : sezione E-E	
Output : E.034 - Soil element displacements	Step : 34      Page : 24

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
599	21,076	7,253	5,568	-1,150	0,171	0,108
600	20,868	6,969	5,240	-1,126	0,165	0,096
601	20,938	6,612	4,923	-0,887	0,156	0,091
602	21,330	6,851	5,275	-0,738	0,162	0,107
603	21,008	6,255	4,592	-0,641	0,147	0,085
604	21,372	5,985	4,459	-0,202	0,141	0,091
605	21,400	6,493	5,005	-0,459	0,155	0,102
606	21,219	8,169	7,315	-1,919	0,245	0,106
607	21,154	8,800	9,446	-3,225	0,337	0,080
608	21,827	8,800	10,624	-3,648	0,382	0,060
609	21,827	8,100	8,345	-2,199	0,270	0,101
610	21,284	7,537	5,916	-1,166	0,180	0,118
611	21,892	7,469	6,217	-0,644	0,198	0,129
612	21,538	7,135	5,521	-0,687	0,165	0,123
613	21,135	13,425	16,594	-12,277	0,354	0,271
614	21,130	13,800	15,972	-12,919	0,336	0,300
615	21,139	14,101	16,045	-13,099	0,332	0,307
616	21,481	13,800	16,392	-13,115	0,340	0,304
617	21,800	3,725	1,321	0,170	0,040	0,030
618	21,800	3,150	0,910	0,120	0,027	0,020
619	22,500	2,575	0,469	0,092	0,013	0,011
620	22,500	3,725	1,321	0,296	0,038	0,034
621	21,490	14,101	16,322	-13,290	0,332	0,311
622	21,148	14,401	16,073	-13,239	0,327	0,313
623	21,515	14,238	16,307	-13,372	0,328	0,314
624	21,515	14,928	16,570	-13,502	0,320	0,329

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)	Date : 16/02/2009
User name : G.C., Italy	
Project name : sezione E-E	
Output : E.034 - Soil element displacements	Step : 34      Page : 25

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
625	22,187	11,809	20,451	-8,236	0,582	0,135
626	21,507	12,670	18,193	-10,794	0,407	0,193
627	21,141	13,049	17,091	-11,532	0,383	0,239
628	21,486	13,425	17,136	-12,400	0,346	0,266
629	21,820	13,081	18,573	-11,482	0,399	0,243
630	21,874	12,291	19,576	-9,567	0,485	0,171
631	22,187	12,702	20,902	-9,823	0,552	0,254
632	22,187	12,294	20,844	-9,131	0,563	0,187
633	21,874	10,666	17,090	-6,261	0,613	0,125
634	21,248	10,006	13,861	-5,232	0,477	0,119
635	21,874	9,403	12,895	-4,514	0,458	0,087
636	21,874	10,089	15,238	-5,411	0,538	0,113
637	21,768	5,007	3,073	0,299	0,096	0,071
638	23,200	3,150	0,879	0,255	0,023	0,023
639	23,200	2,000	0,000	0,000	0,000	0,000
640	23,900	2,575	0,427	0,142	0,010	0,011
641	23,900	2,000	0,000	0,000	0,000	0,000
642	21,764	6,223	4,930	0,118	0,153	0,113
643	21,735	5,714	4,229	0,247	0,133	0,097
644	22,191	5,982	4,722	0,814	0,145	0,130
645	22,203	5,570	4,075	0,728	0,125	0,109
646	21,857	13,937	16,813	-13,156	0,336	0,317
647	21,832	13,800	16,900	-13,083	0,343	0,314
648	22,166	13,457	19,014	-11,627	0,459	0,326
649	22,166	13,800	18,666	-12,590	0,453	0,351
650	21,882	14,765	16,736	-13,442	0,320	0,336

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
651	21,882	14,075	16,730	-13,237	0,330	0,320
652	22,191	14,337	19,146	-12,495	0,452	0,370
653	22,191	13,937	18,984	-12,681	0,460	0,360
654	21,882	15,455	16,450	-12,931	0,338	0,376
655	22,191	15,427	19,274	-6,050	0,860	1,105
656	22,191	15,027	19,519	-11,366	0,502	0,406
657	22,500	8,100	9,738	-2,403	0,332	0,080
658	22,500	8,800	11,915	-3,947	0,426	0,047
659	22,500	9,486	14,160	-4,782	0,508	0,087
660	22,500	10,173	16,618	-5,619	0,622	0,086
661	22,500	10,750	18,679	-6,342	0,707	0,069
662	22,500	11,327	20,554	-7,186	0,770	0,092
663	22,500	11,812	22,606	-7,774	1,031	0,237
664	22,500	12,297	25,112	-7,737	1,227	0,444
665	22,500	12,706	25,106	-8,058	1,048	0,457
666	22,500	13,114	23,451	-9,059	0,796	0,418
667	22,500	13,457	27,905	-8,758	1,064	0,481
668	22,500	13,457	32,735	2,226	1,614	0,492
669	22,500	12,706	28,704	2,223	1,369	0,492
670	22,500	13,114	30,854	2,224	1,500	0,492
671	22,500	11,812	24,358	2,219	1,101	0,492
672	22,500	12,297	26,656	2,221	1,243	0,492
673	22,500	10,750	19,787	2,214	0,828	0,492
674	22,500	11,327	22,199	2,216	0,969	0,492
675	22,500	10,173	17,501	2,212	0,702	0,491
676	22,500	9,486	14,886	2,210	0,569	0,491



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
677	22,500	8,100	9,807	2,207	0,332	0,491
678	22,500	8,800	12,344	2,208	0,448	0,491
679	22,500	13,800	29,874	-9,403	1,250	0,504
680	22,500	14,200	31,361	-8,286	1,304	0,517
681	22,500	15,400	27,622	0,084	1,516	0,599
682	22,500	14,600	31,511	-7,060	1,257	0,529
683	22,500	15,000	31,654	-3,969	1,189	0,452
684	22,500	4,300	1,714	0,409	0,050	0,047
685	21,800	4,300	1,710	0,213	0,052	0,041
686	22,235	4,863	2,833	0,543	0,086	0,074
687	22,655	4,633	2,367	0,624	0,069	0,066
688	22,146	7,066	5,627	0,216	0,170	0,145
689	22,500	7,400	7,491	-0,651	0,224	0,149
690	22,500	7,200	7,195	0,897	0,222	0,192
691	21,792	6,732	5,361	-0,159	0,159	0,122
692	22,220	6,491	5,370	0,953	0,162	0,156
693	22,146	6,866	5,518	0,705	0,166	0,156
694	22,500	7,200	7,117	1,748	0,224	0,228
695	22,500	7,400	7,301	2,207	0,219	0,491
696	24,600	2,000	0,000	0,000	0,000	0,000
697	24,600	2,575	0,394	0,155	0,009	0,011
698	25,300	2,000	0,000	0,000	0,000	0,000
699	23,900	3,725	1,210	0,479	0,031	0,037
700	23,200	4,300	1,658	0,564	0,046	0,050
701	23,355	4,633	2,252	0,838	0,061	0,071
702	23,900	4,300	1,567	0,674	0,041	0,051

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
703	22,659	5,838	4,436	1,339	0,131	0,142
704	22,670	5,427	3,791	1,070	0,112	0,114
705	23,090	5,196	3,290	1,160	0,092	0,105
706	23,162	5,665	4,002	1,555	0,113	0,136
707	22,574	6,625	5,559	1,859	0,166	0,204
708	22,647	6,250	5,036	1,644	0,150	0,173
709	23,151	6,077	4,608	1,876	0,131	0,163
710	23,090	6,486	5,219	2,176	0,151	0,192
711	24,600	3,725	1,122	0,527	0,027	0,036
712	24,600	3,150	0,766	0,331	0,018	0,023
713	25,300	2,575	0,359	0,164	0,008	0,011
714	25,300	3,725	1,029	0,550	0,024	0,034
715	24,055	4,633	2,091	0,968	0,053	0,070
716	23,510	4,966	2,777	1,141	0,074	0,092
717	23,583	5,435	3,497	1,532	0,095	0,120
718	24,322	5,266	2,983	1,522	0,077	0,104
719	24,600	4,300	1,460	0,741	0,036	0,049
720	25,300	4,300	1,343	0,770	0,032	0,047
721	24,867	4,933	2,332	1,291	0,057	0,081
722	26,000	3,150	0,635	0,357	0,013	0,021
723	26,000	2,000	0,000	0,000	0,000	0,000
724	26,700	2,000	0,000	0,000	0,000	0,000
725	26,824	2,560	0,277	0,167	0,005	0,009
726	23,016	6,861	5,883	2,446	0,177	0,218
727	22,500	7,000	6,357	1,855	0,202	0,223
728	22,500	7,200	6,846	2,599	0,218	0,264

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
 Project name : sezione E-E  
 Output : E.034 - Soil element displacements Step : 34 Page : 29

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
729	23,043	7,260	6,460	2,862	0,199	0,248
730	23,594	6,313	4,761	2,230	0,134	0,173
731	23,655	5,903	4,156	1,922	0,114	0,148
732	24,395	5,734	3,619	1,900	0,095	0,127
733	24,046	6,197	4,405	2,210	0,121	0,157
734	22,500	14,200	37,000	2,228	1,867	0,492
735	22,500	13,800	34,675	2,228	1,730	0,492
736	22,500	13,457	30,701	4,191	1,517	0,549
737	22,830	13,800	31,033	5,436	1,585	0,569
738	22,500	15,000	41,723	2,227	2,145	0,492
739	22,500	15,400	44,091	2,227	2,284	0,492
740	22,830	15,400	0,000	0,000	0,000	0,000
741	22,500	8,100	9,203	4,368	0,319	0,379
742	22,500	7,400	7,212	3,206	0,229	0,301
743	23,156	8,100	8,344	3,661	0,286	0,296
744	23,043	7,460	6,889	3,079	0,217	0,263
745	22,500	11,812	22,832	6,479	1,036	0,572
746	22,500	12,297	24,907	6,412	1,163	0,582
747	22,500	12,706	26,704	6,212	1,273	0,587
748	22,891	12,359	24,254	5,640	1,132	0,505
749	22,830	13,457	29,401	4,925	1,433	0,505
750	22,500	13,114	28,566	5,818	1,385	0,588
751	22,891	12,767	25,993	5,471	1,237	0,509
752	22,985	13,168	27,498	5,187	1,330	0,494
753	23,314	13,511	26,709	6,329	1,314	0,515
754	23,560	7,122	5,990	2,829	0,181	0,218

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
755	23,533	6,722	5,369	2,532	0,156	0,198
756	23,985	6,606	5,007	2,493	0,143	0,178
757	23,951	6,947	5,527	2,709	0,163	0,194
758	27,400	2,000	0,000	0,000	0,000	0,000
759	27,524	2,560	0,245	0,169	0,005	0,009
760	28,100	2,000	0,000	0,000	0,000	0,000
761	26,824	3,710	0,819	0,566	0,018	0,030
762	25,567	4,933	2,137	1,319	0,052	0,076
763	26,000	4,300	1,225	0,786	0,029	0,044
764	26,700	4,300	1,106	0,795	0,026	0,041
765	26,470	4,741	1,665	1,177	0,040	0,061
766	26,037	5,374	2,545	1,681	0,065	0,090
767	28,224	2,560	0,214	0,171	0,004	0,009
768	28,800	2,000	0,000	0,000	0,000	0,000
769	28,971	2,473	0,153	0,144	0,003	0,007
770	29,500	2,000	0,000	0,000	0,000	0,000
771	29,671	2,473	0,127	0,145	0,002	0,007
772	30,200	2,000	0,000	0,000	0,000	0,000
773	30,228	2,654	0,145	0,205	0,003	0,009
774	30,900	2,000	0,000	0,000	0,000	0,000
775	22,500	9,486	13,840	5,866	0,540	0,478
776	22,500	8,800	11,214	5,217	0,421	0,430
777	23,108	9,406	12,490	4,781	0,486	0,376
778	23,156	8,800	10,051	4,242	0,379	0,331
779	22,500	10,173	16,389	6,235	0,668	0,515
780	22,500	10,750	18,585	6,401	0,786	0,539

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
 Project name : sezione E-E  
 Output : E.034 - Soil element displacements Step : 34 Page : 31

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
781	23,108	10,093	15,075	5,153	0,612	0,410
782	22,830	14,200	0,000	0,000	0,000	0,000
783	23,159	13,800	27,456	6,642	1,375	0,552
784	23,552	14,049	0,000	0,000	0,000	0,000
785	23,512	13,800	25,552	7,257	1,289	0,534
786	23,376	12,821	24,727	5,503	1,177	0,458
787	23,470	13,222	25,562	6,071	1,239	0,481
788	23,668	13,511	24,896	6,839	1,230	0,496
789	24,006	13,102	22,933	6,350	1,108	0,439
790	22,891	11,873	22,265	5,726	1,012	0,497
791	22,500	11,327	20,844	6,467	0,917	0,558
792	23,108	10,670	17,218	5,344	0,725	0,432
793	23,342	11,452	19,701	5,214	0,872	0,422
794	23,283	12,420	23,550	5,298	1,100	0,451
795	23,734	11,998	20,800	5,142	0,949	0,394
796	23,912	12,700	22,408	5,742	1,060	0,415
797	23,765	9,406	11,448	4,120	0,446	0,302
798	23,700	8,160	7,924	3,456	0,273	0,255
799	23,813	8,800	9,105	3,770	0,344	0,268
800	24,308	8,415	7,817	3,446	0,280	0,227
801	24,469	8,800	8,283	3,598	0,310	0,230
802	23,587	7,521	6,722	3,076	0,213	0,235
803	23,978	7,346	6,175	2,938	0,192	0,209
804	24,195	7,775	6,786	3,151	0,223	0,215
805	22,830	15,000	0,000	0,000	0,000	0,000
806	22,500	14,600	39,357	2,228	2,006	0,492

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
807	23,223	14,449	0,000	0,000	0,000	0,000
808	23,064	14,762	0,000	0,000	0,000	0,000
809	23,159	15,400	0,000	0,000	0,000	0,000
810	23,394	15,162	0,000	0,000	0,000	0,000
811	23,512	15,400	0,000	0,000	0,000	0,000
812	24,786	6,028	3,861	2,135	0,104	0,134
813	25,135	5,565	3,108	1,806	0,080	0,108
814	25,313	6,328	4,029	2,341	0,113	0,135
815	25,791	5,928	3,313	2,083	0,089	0,114
816	24,437	6,490	4,645	2,436	0,131	0,161
817	24,404	6,830	5,145	2,641	0,151	0,175
818	24,964	6,790	4,812	2,618	0,141	0,158
819	24,370	7,171	5,676	2,830	0,173	0,188
820	24,587	7,600	6,225	3,044	0,201	0,194
821	24,931	7,130	5,306	2,803	0,162	0,170
822	27,524	3,710	0,728	0,571	0,016	0,028
823	27,648	3,121	0,473	0,357	0,010	0,018
824	28,224	3,710	0,636	0,575	0,014	0,027
825	28,395	3,033	0,377	0,329	0,008	0,016
826	27,400	4,300	0,987	0,802	0,023	0,039
827	27,170	4,741	1,494	1,187	0,036	0,058
828	28,100	4,300	0,866	0,808	0,020	0,037
829	29,141	2,946	0,290	0,301	0,006	0,014
830	28,971	3,623	0,512	0,546	0,011	0,025
831	29,699	3,127	0,295	0,366	0,006	0,017
832	26,693	5,737	2,718	1,964	0,073	0,097

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
833	26,940	5,182	2,027	1,548	0,051	0,076
834	27,870	4,741	1,321	1,197	0,032	0,056
835	27,399	5,760	2,451	1,998	0,067	0,093
836	25,969	6,690	4,156	2,574	0,123	0,135
837	26,446	6,291	3,444	2,338	0,098	0,117
838	27,152	6,314	3,116	2,375	0,090	0,111
839	26,627	6,786	3,897	2,649	0,118	0,129
840	23,906	14,049	0,000	0,000	0,000	0,000
841	23,865	13,800	23,901	7,585	1,209	0,512
842	24,203	13,390	22,406	6,990	1,103	0,452
843	24,244	13,800	22,282	7,739	1,128	0,486
844	29,528	3,804	0,489	0,619	0,011	0,027
845	30,928	2,654	0,109	0,206	0,002	0,009
846	30,257	3,308	0,284	0,434	0,006	0,019
847	30,228	3,804	0,391	0,623	0,009	0,027
848	30,928	3,804	0,293	0,626	0,007	0,027
849	31,600	3,150	0,128	0,380	0,003	0,016
850	33,000	2,000	0,000	0,000	0,000	0,000
851	33,000	2,575	0,000	0,181	0,000	0,008
852	32,300	2,000	0,000	0,000	0,000	0,000
853	31,600	2,000	0,000	0,000	0,000	0,000
854	32,300	2,575	0,032	0,181	0,001	0,008
855	33,000	3,150	0,000	0,381	0,000	0,016
856	32,300	3,725	0,095	0,599	0,002	0,025
857	33,000	3,725	0,000	0,600	0,000	0,025
858	23,951	10,795	16,131	4,604	0,686	0,336

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
859	23,717	10,013	13,774	4,436	0,557	0,331
860	24,421	9,406	10,507	3,834	0,409	0,254
861	24,556	10,314	13,395	4,184	0,553	0,274
862	23,787	14,610	0,000	0,000	0,000	0,000
863	23,629	14,924	0,000	0,000	0,000	0,000
864	23,747	15,162	0,000	0,000	0,000	0,000
865	24,151	14,923	0,000	0,000	0,000	0,000
866	23,865	15,400	0,000	0,000	0,000	0,000
867	24,269	15,161	0,000	0,000	0,000	0,000
868	24,244	15,400	0,000	0,000	0,000	0,000
869	24,964	8,415	7,177	3,394	0,257	0,201
870	24,804	8,030	6,740	3,234	0,230	0,197
871	25,147	7,560	5,788	3,017	0,187	0,175
872	25,621	8,415	6,567	3,395	0,235	0,182
873	25,491	7,090	4,925	2,787	0,151	0,155
874	26,149	7,185	4,640	2,853	0,146	0,145
875	25,964	7,945	5,685	3,212	0,194	0,165
876	24,363	12,279	19,827	5,497	0,918	0,364
877	24,184	11,576	18,243	4,918	0,813	0,344
878	24,789	11,096	15,382	4,593	0,667	0,287
879	24,927	11,840	17,086	5,206	0,773	0,312
880	24,582	13,390	20,889	7,168	1,029	0,431
881	24,284	14,049	0,000	0,000	0,000	0,000
882	23,946	14,297	0,000	0,000	0,000	0,000
883	24,558	14,266	0,000	0,000	0,000	0,000
884	24,310	14,609	0,000	0,000	0,000	0,000



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
885	24,622	13,800	20,799	7,840	1,051	0,463
886	24,897	14,018	0,000	0,000	0,000	0,000
887	25,028	13,800	19,313	7,907	0,974	0,440
888	28,329	5,319	1,692	1,684	0,045	0,075
889	27,333	6,809	3,504	2,692	0,108	0,123
890	26,808	7,281	4,315	2,932	0,138	0,139
891	26,623	8,040	5,256	3,290	0,182	0,157
892	27,306	7,583	4,261	3,117	0,142	0,140
893	30,900	4,300	0,375	0,830	0,009	0,035
894	30,200	4,300	0,499	0,825	0,012	0,035
895	29,500	4,300	0,622	0,820	0,015	0,035
896	30,279	4,847	0,762	1,322	0,020	0,055
897	28,800	4,300	0,745	0,814	0,018	0,036
898	29,579	4,847	0,955	1,313	0,025	0,056
899	29,048	5,214	1,364	1,615	0,036	0,069
900	25,260	9,708	10,318	3,829	0,410	0,221
901	25,125	8,800	7,558	3,535	0,281	0,203
902	25,781	8,800	6,888	3,541	0,256	0,185
903	25,880	9,302	8,258	3,687	0,320	0,192
904	24,987	13,390	19,388	7,267	0,955	0,410
905	24,541	12,981	20,640	6,487	0,993	0,401
906	25,172	13,051	18,488	6,805	0,893	0,377
907	25,106	12,542	18,018	6,068	0,847	0,345
908	24,622	15,400	0,000	0,000	0,000	0,000
909	24,648	15,161	0,000	0,000	0,000	0,000
910	25,028	15,400	0,000	0,000	0,000	0,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
 Project name : sezione E-E  
 Output : E.034 - Soil element displacements Step : 34 Page : 36

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
911	28,577	6,233	2,313	2,372	0,068	0,101
912	27,858	6,337	2,773	2,416	0,082	0,107
913	27,832	7,111	3,466	2,893	0,111	0,126
914	28,386	6,816	2,869	2,746	0,090	0,117
915	30,979	4,847	0,567	1,330	0,015	0,055
916	33,000	4,300	0,000	0,836	0,000	0,034
917	32,300	4,300	0,125	0,835	0,003	0,034
918	33,000	5,050	0,000	1,517	0,000	0,061
919	31,600	4,300	0,250	0,833	0,006	0,034
920	32,300	5,050	0,223	1,516	0,006	0,061
921	31,651	5,161	0,456	1,608	0,013	0,065
922	24,922	14,578	0,000	0,000	0,000	0,000
923	24,673	14,921	0,000	0,000	0,000	0,000
924	25,054	15,161	0,000	0,000	0,000	0,000
925	25,361	14,857	0,000	0,000	0,000	0,000
926	25,619	13,461	17,275	7,482	0,852	0,388
927	25,434	13,800	17,922	7,956	0,901	0,421
928	25,302	14,018	0,000	0,000	0,000	0,000
929	25,868	13,800	16,523	7,974	0,828	0,403
930	25,171	14,235	0,000	0,000	0,000	0,000
931	25,609	14,514	0,000	0,000	0,000	0,000
932	25,737	14,018	0,000	0,000	0,000	0,000
933	25,737	12,612	16,185	6,336	0,764	0,327
934	25,803	13,122	16,503	7,029	0,799	0,358
935	26,435	13,024	14,548	6,984	0,700	0,333
936	26,053	13,461	15,916	7,543	0,783	0,373

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
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 Output : E.034 - Soil element displacements Step : 34 Page : 37

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
937	25,532	11,359	14,393	4,894	0,635	0,267
938	25,394	10,615	12,751	4,308	0,538	0,243
939	26,015	10,210	10,543	4,124	0,435	0,212
940	26,214	11,005	12,068	4,715	0,523	0,233
941	25,670	12,103	15,605	5,693	0,717	0,299
942	26,351	11,749	13,207	5,447	0,596	0,263
943	26,369	12,515	14,266	6,331	0,670	0,303
944	26,537	9,302	7,439	3,738	0,288	0,179
945	26,438	8,800	6,229	3,577	0,231	0,172
946	27,121	8,343	5,129	3,452	0,183	0,156
947	27,094	8,800	5,579	3,627	0,207	0,163
948	29,827	5,762	1,407	2,066	0,040	0,085
949	30,358	5,395	1,001	1,787	0,028	0,073
950	31,030	5,709	0,857	2,048	0,025	0,083
951	30,454	6,356	1,391	2,517	0,043	0,101
952	29,296	6,129	1,876	2,323	0,056	0,097
953	29,105	6,711	2,357	2,711	0,074	0,112
954	29,923	6,723	1,870	2,750	0,059	0,111
955	28,360	7,590	3,478	3,186	0,117	0,134
956	28,914	7,294	2,865	3,055	0,094	0,126
957	29,732	7,306	2,297	3,100	0,076	0,124
958	28,988	8,047	3,291	3,452	0,116	0,140
959	27,805	7,885	4,144	3,298	0,142	0,142
960	27,778	8,343	4,544	3,501	0,163	0,150
961	28,434	8,343	3,960	3,551	0,142	0,147
962	33,000	5,800	0,000	2,136	0,000	0,085

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
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 Output : E.034 - Soil element displacements Step : 34 Page : 38

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
963	32,351	5,911	0,306	2,220	0,009	0,088
964	33,000	6,550	0,000	2,686	0,000	0,105
965	31,701	6,022	0,636	2,298	0,019	0,091
966	31,125	6,670	1,123	2,748	0,036	0,108
967	32,351	6,661	0,388	2,760	0,012	0,108
968	26,834	10,599	9,984	4,501	0,423	0,207
969	26,636	9,804	8,545	3,971	0,344	0,188
970	27,193	9,302	6,632	3,804	0,258	0,170
971	27,354	10,108	8,102	4,240	0,334	0,186
972	25,434	15,400	0,000	0,000	0,000	0,000
973	25,741	15,097	0,000	0,000	0,000	0,000
974	25,868	15,400	0,000	0,000	0,000	0,000
975	26,685	13,363	14,016	7,436	0,684	0,347
976	27,050	12,161	12,079	6,010	0,557	0,270
977	26,175	14,297	0,000	0,000	0,000	0,000
978	26,303	13,800	15,214	8,046	0,759	0,390
979	26,758	14,098	0,000	0,000	0,000	0,000
980	26,769	13,800	13,887	7,963	0,690	0,372
981	28,406	8,800	4,296	3,733	0,160	0,154
982	27,750	8,800	4,934	3,680	0,183	0,157
983	27,911	9,606	6,328	4,022	0,252	0,169
984	28,588	9,338	5,008	3,956	0,196	0,160
985	27,552	10,904	9,174	4,853	0,397	0,209
986	27,033	11,395	11,037	5,219	0,490	0,235
987	27,495	11,854	10,656	5,737	0,484	0,249
988	27,734	11,493	9,671	5,405	0,432	0,230

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

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Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
989	26,303	15,400	0,000	0,000	0,000	0,000
990	26,175	15,097	0,000	0,000	0,000	0,000
991	26,769	15,400	0,000	0,000	0,000	0,000
992	26,048	14,793	0,000	0,000	0,000	0,000
993	26,641	15,097	0,000	0,000	0,000	0,000
994	26,630	14,595	0,000	0,000	0,000	0,000
995	29,806	8,059	2,618	3,502	0,092	0,138
996	29,063	8,800	3,665	3,779	0,136	0,151
997	29,244	9,338	4,229	4,006	0,166	0,158
998	29,719	8,800	3,041	3,818	0,113	0,150
999	31,775	7,309	0,860	3,162	0,029	0,123
1000	30,549	7,317	1,725	3,137	0,058	0,123
1001	30,462	8,059	2,075	3,531	0,073	0,137
1002	31,118	8,059	1,535	3,551	0,054	0,137
1003	33,000	7,300	0,000	3,167	0,000	0,122
1004	32,344	8,050	0,533	3,570	0,019	0,137
1005	33,000	8,050	0,000	3,574	0,000	0,136
1006	27,151	13,363	12,752	7,426	0,621	0,336
1007	27,235	13,800	12,615	7,930	0,624	0,359
1008	27,224	14,098	0,000	0,000	0,000	0,000
1009	27,735	13,800	11,322	7,926	0,557	0,349
1010	27,651	13,363	11,465	7,439	0,556	0,326
1011	27,067	12,927	12,749	6,904	0,609	0,312
1012	27,684	13,004	11,220	7,027	0,537	0,306
1013	27,512	12,620	11,384	6,578	0,536	0,287
1014	28,253	11,002	7,983	5,016	0,348	0,206

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
1015	28,072	10,412	7,462	4,536	0,314	0,188
1016	28,749	10,144	5,985	4,420	0,248	0,177
1017	28,615	10,710	6,951	4,812	0,298	0,194
1018	27,224	14,898	0,000	0,000	0,000	0,000
1019	27,213	14,396	0,000	0,000	0,000	0,000
1020	27,723	14,098	0,000	0,000	0,000	0,000
1021	27,717	14,591	0,000	0,000	0,000	0,000
1022	27,235	15,400	0,000	0,000	0,000	0,000
1023	27,728	15,093	0,000	0,000	0,000	0,000
1024	27,735	15,400	0,000	0,000	0,000	0,000
1025	28,268	13,441	9,957	7,553	0,482	0,322
1026	28,129	12,697	9,950	6,695	0,469	0,283
1027	28,302	13,082	9,741	7,128	0,466	0,301
1028	28,624	12,826	8,865	6,820	0,420	0,283
1029	28,803	13,441	8,700	7,448	0,420	0,312
1030	27,957	12,313	10,065	6,267	0,467	0,266
1031	28,196	11,952	9,193	5,899	0,420	0,246
1032	28,452	12,441	9,029	6,415	0,421	0,266
1033	31,031	8,800	1,811	3,871	0,067	0,148
1034	30,375	8,800	2,423	3,848	0,090	0,149
1035	29,900	9,338	3,462	4,049	0,136	0,157
1036	30,763	9,407	2,528	4,119	0,100	0,157
1037	33,000	8,800	0,000	3,899	0,000	0,148
1038	32,344	8,800	0,601	3,897	0,022	0,148
1039	33,000	9,425	0,000	4,159	0,000	0,156
1040	31,688	8,800	1,204	3,888	0,045	0,148

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E) Date : 16/02/2009  
 User name : G.C., Italy  
 Project name : sezione E-E  
 Output : E.034 - Soil element displacements Step : 34 Page : 41

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
1041	31,419	9,407	1,777	4,137	0,070	0,156
1042	32,344	9,425	0,738	4,159	0,029	0,156
1043	28,796	11,299	7,299	5,313	0,323	0,214
1044	28,434	11,591	8,322	5,558	0,374	0,228
1045	28,691	12,080	8,231	6,044	0,378	0,247
1046	28,937	11,721	7,420	5,700	0,335	0,229
1047	29,291	10,442	5,504	4,664	0,233	0,183
1048	29,426	9,877	4,665	4,307	0,191	0,168
1049	30,289	9,946	3,554	4,391	0,146	0,168
1050	29,919	10,590	4,652	4,797	0,199	0,185
1051	29,157	11,007	6,331	5,086	0,277	0,201
1052	29,785	11,155	5,348	5,222	0,236	0,203
1053	29,298	11,429	6,463	5,443	0,288	0,215
1054	28,227	14,293	0,000	0,000	0,000	0,000
1055	28,234	13,800	10,119	7,989	0,495	0,344
1056	28,769	13,800	8,861	7,818	0,431	0,330
1057	28,669	14,059	0,000	0,000	0,000	0,000
1058	30,782	10,659	3,347	4,865	0,144	0,185
1059	31,151	10,015	2,438	4,455	0,101	0,168
1060	32,076	10,032	1,215	4,476	0,050	0,167
1061	31,578	10,637	2,117	4,852	0,091	0,183
1062	29,193	12,210	7,260	6,164	0,335	0,248
1063	28,947	12,570	8,006	6,532	0,375	0,267
1064	29,126	13,185	7,886	7,139	0,377	0,294
1065	29,595	12,675	6,666	6,587	0,313	0,265
1066	29,439	11,850	6,517	5,818	0,296	0,231

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
1067	29,926	11,577	5,396	5,574	0,243	0,217
1068	29,842	12,315	5,987	6,233	0,277	0,247
1069	28,234	15,400	0,000	0,000	0,000	0,000
1070	28,227	15,093	0,000	0,000	0,000	0,000
1071	28,769	15,400	0,000	0,000	0,000	0,000
1072	28,221	14,786	0,000	0,000	0,000	0,000
1073	28,662	14,551	0,000	0,000	0,000	0,000
1074	28,763	15,093	0,000	0,000	0,000	0,000
1075	33,000	10,050	0,000	4,489	0,000	0,168
1076	32,503	10,655	0,739	4,861	0,032	0,182
1077	33,000	10,675	0,000	4,876	0,000	0,183
1078	29,204	14,059	0,000	0,000	0,000	0,000
1079	29,305	13,800	7,657	7,717	0,371	0,321
1080	29,878	13,800	6,384	7,609	0,308	0,313
1081	29,775	13,290	6,502	7,148	0,311	0,291
1082	29,103	14,317	0,000	0,000	0,000	0,000
1083	29,204	14,859	0,000	0,000	0,000	0,000
1084	29,778	14,059	0,000	0,000	0,000	0,000
1085	31,209	11,282	2,962	5,319	0,131	0,202
1086	30,413	11,304	4,342	5,347	0,193	0,206
1087	30,329	12,042	4,893	5,963	0,224	0,233
1088	30,941	11,821	3,650	5,754	0,166	0,222
1089	29,305	15,400	0,000	0,000	0,000	0,000
1090	29,878	14,600	0,000	0,000	0,000	0,000
1091	29,878	15,400	0,000	0,000	0,000	0,000
1092	30,348	13,290	5,290	7,054	0,252	0,284



**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description	: SEZIONE (E-E)	Date : 16/02/2009
User name	: G.C., Italy	
Project name	: sezione E-E	
Output	: E.034 - Soil element displacements	Step : 34      Page : 43

Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
1093	30,452	13,800	5,149	7,445	0,248	0,303
1094	31,067	13,800	3,935	7,498	0,188	0,303
1095	30,452	14,600	0,000	0,000	0,000	0,000
1096	30,244	12,781	5,370	6,619	0,253	0,263
1097	30,857	12,560	4,063	6,391	0,190	0,251
1098	30,963	13,290	4,030	7,040	0,192	0,281
1099	33,000	11,300	0,000	5,305	0,000	0,200
1100	32,503	11,280	0,812	5,294	0,036	0,200
1101	33,000	11,925	0,000	5,763	0,000	0,220
1102	32,005	11,259	1,626	5,287	0,072	0,200
1103	31,737	11,799	2,209	5,706	0,100	0,218
1104	32,503	11,905	0,874	5,760	0,040	0,220
1105	31,469	12,339	2,827	6,156	0,131	0,239
1106	32,234	12,444	1,420	6,196	0,066	0,240
1107	31,575	13,069	2,758	6,727	0,130	0,265
1108	33,000	12,550	0,000	6,241	0,000	0,242
1109	32,341	13,175	1,280	6,784	0,061	0,267
1110	33,000	13,175	0,000	6,659	0,000	0,262
1111	30,452	15,400	0,000	0,000	0,000	0,000
1112	31,067	14,600	0,000	0,000	0,000	0,000
1113	31,682	13,800	2,660	7,258	0,127	0,291
1114	33,000	13,800	0,000	6,984	0,000	0,278
1115	32,341	13,800	1,283	7,342	0,061	0,294
1116	31,067	15,400	0,000	0,000	0,000	0,000
1117	31,682	14,600	0,000	0,000	0,000	0,000
1118	31,682	15,400	0,000	0,000	0,000	0,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Soil element displacements

Step : 34

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Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	ΔUx [10 <sup>-3</sup> m]	ΔUy [10 <sup>-3</sup> m]
1119	32,341	14,600	0,000	0,000	0,000	0,000
1120	32,341	15,400	0,000	0,000	0,000	0,000
1121	33,000	15,400	0,000	0,000	0,000	0,000
1122	33,000	14,600	0,000	0,000	0,000	0,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Beam forces

Step : 34

Page : 1

Beam	Element	Node	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kNm/m]	Np [kN/m]	Mp [kNm/m]	
1	1	739	22,500	15,400	0,736	0,483	0,000	-1,000	-1,000	
		Larssen61	738	22,500	15,000	-0,138	-2,497	-0,403	-1,000	-1,000
			806	22,500	14,600	-1,011	-5,477	-1,998	-1,000	-1,000
	2		806	22,500	14,600	-0,301	-5,532	-1,998	-1,000	-1,000
		Larssen61	734	22,500	14,200	-0,428	-11,722	-5,448	-1,000	-1,000
			735	22,500	13,800	-0,555	-17,912	-11,375	-1,000	-1,000
	3		735	22,500	13,800	11,243	-5,697	-11,375	-1,000	-1,000
		Larssen61	668	22,500	13,457	10,695	-5,195	-13,244	-1,000	-1,000
			670	22,500	13,114	10,147	-4,692	-14,940	-1,000	-1,000
	4		670	22,500	13,114	10,225	-4,245	-14,940	-1,000	-1,000
		Larssen61	669	22,500	12,706	10,198	-1,975	-16,210	-1,000	-1,000
			672	22,500	12,297	10,171	0,295	-16,552	-1,000	-1,000
	5		672	22,500	12,297	10,194	0,280	-16,552	-1,000	-1,000
		Larssen61	671	22,500	11,812	10,206	3,059	-15,742	-1,000	-1,000
			674	22,500	11,327	10,218	5,839	-13,583	-1,000	-1,000
	6		674	22,500	11,327	10,421	6,466	-13,583	-1,000	-1,000
		Larssen61	673	22,500	10,750	9,014	5,970	-9,994	-1,000	-1,000
			675	22,500	10,173	7,606	5,473	-6,692	-1,000	-1,000
	7		675	22,500	10,173	7,514	5,373	-6,692	-1,000	-1,000
		Larssen61	676	22,500	9,486	5,984	2,522	-3,983	-1,000	-1,000
			678	22,500	8,800	4,454	-0,328	-3,230	-1,000	-1,000
	8		678	22,500	8,800	4,477	2,066	-3,230	-1,000	-1,000
		Larssen61	677	22,500	8,100	2,350	2,307	-1,699	-1,000	-1,000
			695	22,500	7,400	0,222	2,548	0,000	-1,000	-1,000

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description : SEZIONE (E-E)

Date : 16/02/2009

User name : G.C., Italy

Project name : sezione E-E

Output : E.034 - Beam displacements

Step : 34

Page : 1

Beam	Element	Node	X [m]	Y [m]	Ux [10 <sup>-3</sup> m]	Uy [10 <sup>-3</sup> m]	
1	1	739	22,500	15,400	44,091	2,227	
		Larssen61	738	22,500	15,000	41,723	2,227
			806	22,500	14,600	39,357	2,228
	2		806	22,500	14,600	39,357	2,228
		Larssen61	734	22,500	14,200	37,000	2,228
			735	22,500	13,800	34,675	2,228
	3		735	22,500	13,800	34,675	2,228
		Larssen61	668	22,500	13,457	32,735	2,226
			670	22,500	13,114	30,854	2,224
	4		670	22,500	13,114	30,854	2,224
		Larssen61	669	22,500	12,706	28,704	2,223
			672	22,500	12,297	26,656	2,221
	5		672	22,500	12,297	26,656	2,221
		Larssen61	671	22,500	11,812	24,358	2,219
			674	22,500	11,327	22,199	2,216
	6		674	22,500	11,327	22,199	2,216
		Larssen61	673	22,500	10,750	19,787	2,214
			675	22,500	10,173	17,501	2,212
	7		675	22,500	10,173	17,501	2,212
		Larssen61	676	22,500	9,486	14,886	2,210
			678	22,500	8,800	12,344	2,208
	8		678	22,500	8,800	12,344	2,208
		Larssen61	677	22,500	8,100	9,807	2,207
			695	22,500	7,400	7,301	2,207

**Plaxis - Finite Element Code for Soil and Rock Analyses**

Project description	: SEZIONE (E-E)	Date	: 16/02/2009
User name	: G.C., Italy		
Project name	: sezione E-E		
Output	: Calculation information	Step	: 64
		Page	: 1

**Step info**

Step : 64 of 64	Extrapolation factor :	0,500
PLASTIC STEP	Relative stiffness :	0,000

**Multipliers**

	Incremental Multipliers		Total Multipliers	
Prescribed displacements	Mdisp:	0,000	Σ-Mdisp:	0,000
Contraction tunnel A	McontrA:	0,000	Σ-McontrA:	0,000
Contraction tunnel B	McontrB:	0,000	Σ-McontrB:	0,000
Load system A	MloadA:	0,000	Σ-MloadA:	1,000
Load system B	MloadB:	0,000	Σ-MloadB:	0,000
Soil weight	Mweight:	0,000	Σ-Mweight:	1,000
Acceleration	Maccel:	0,000	Σ-Maccel:	0,000
Strength reduction factor	Msf:	0,004	Σ-Msf:	2,482
Time	Increment:	0,000	End time:	0,000

**Staged construction**

Active proportion total area	Marea :	0,000	ΣMarea :	0,939
Active proportion of stage	Mstage :	0,000	ΣMstage :	0,000

**Tunnels**

	Input value [%]	Realized value [%]
Contraction tunnel A :	N/A	N/A
Contraction tunnel B :	N/A	N/A

**Forces**

ForceX :	0,000	kN/m
ForceY :	0,000	kN/m

**Consolidation**

Realized Pmax :	0,000	kN/m <sup>2</sup>
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**PLASTIC STEP**

Iter. No.	Global Error	Plastic Points	Plastic Cap + Hard. points	Inacc. Pl. pts.	Plastic Intf. pts.	Inacc. Intf. pts.	Apex & Tension	Inacc. Apx. pts.
1	0,020	937	0	572	43	43	0	0
2	0,018	901	0	75	43	5	0	0