



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

Job No. Sheet No. Rev.

12 Pilgrims Lane  
 Long term (total) movements  
 Input data

Drg. Ref.

Made by Date Checked Date  
 AG

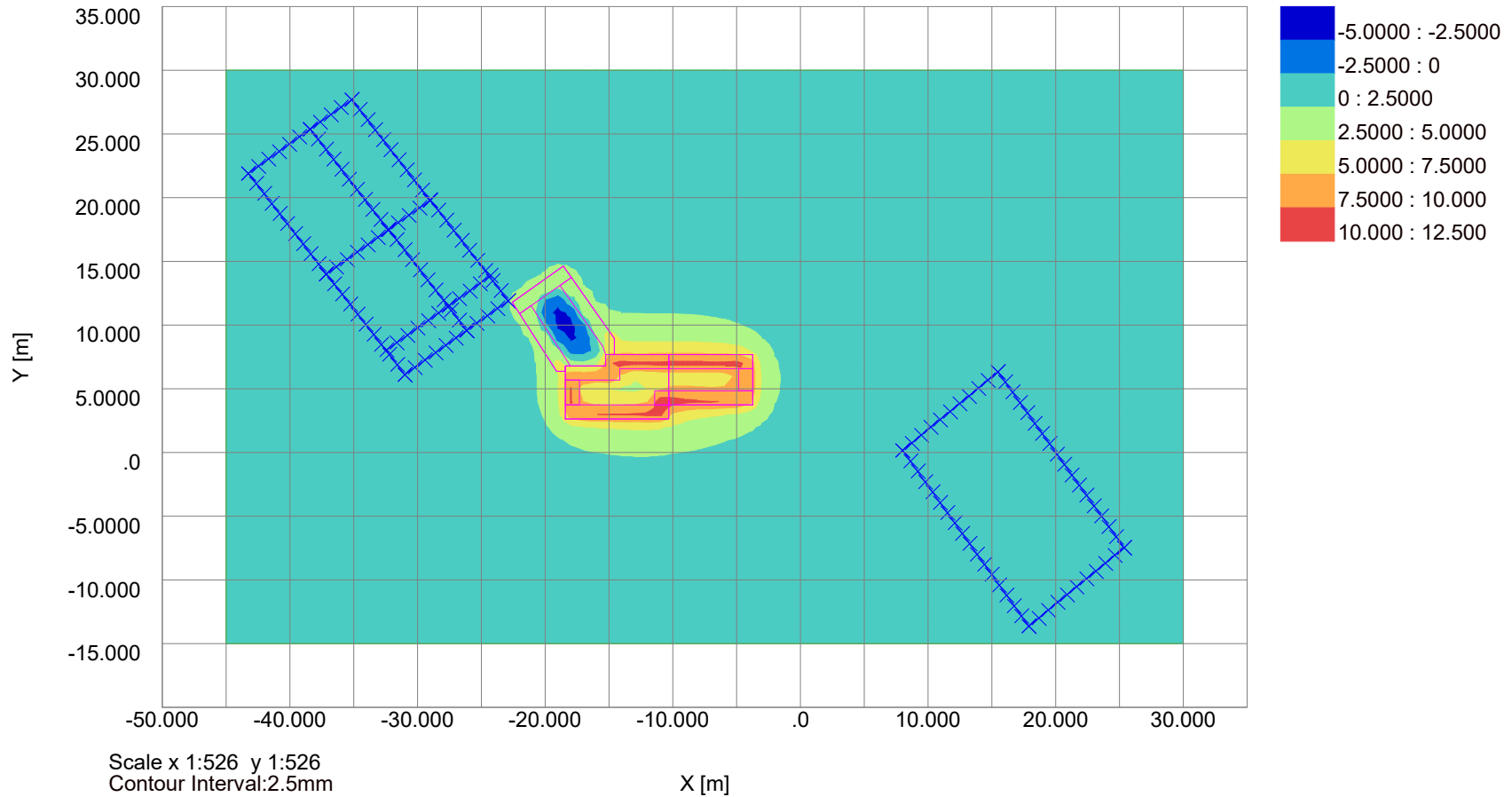
Name	X1	Y1	Z1	X2	Y2	Z2	Intervals	Calculate	Detailed Results
	[m]	[m]	[m]	[m]	[m]	[m]	[No.]		
16 F	-32.31000	17.49000	99.30000	-38.45000	25.38000	99.30000	10	Yes	Yes
16 G	-37.17000	14.01000	99.30000	-43.29000	21.90000	99.30000	10	Yes	Yes
10 A	8.00000	0.17000	97.10000	15.47000	6.32000	97.10000	10	Yes	Yes
10 B	15.48000	6.32000	97.10000	25.36000	-7.51000	97.10000	17	Yes	Yes
10 C	25.37000	-7.51000	97.10000	17.90000	-13.66000	97.10000	10	Yes	Yes
10 D	17.89000	-13.66000	97.10000	8.01000	0.17000	97.10000	17	Yes	Yes

**Displacement Grids**

Name	Extrusion:	X1	Y1	Z1	X2	Y2	Z2	Intervals	Extrusion:	Extrusion:	Calculate
Detailed Results	Direction							Along	Distance	Intervals	
		[m]	[m]	[m]	[m]	[m]	[m]	Line [No.]	[m]	Along [No.]	
PDISP Yes	Global X	-45.00000	-15.00000	99.30000	-	30.00000	99.30000	45	75.00000	75	Yes

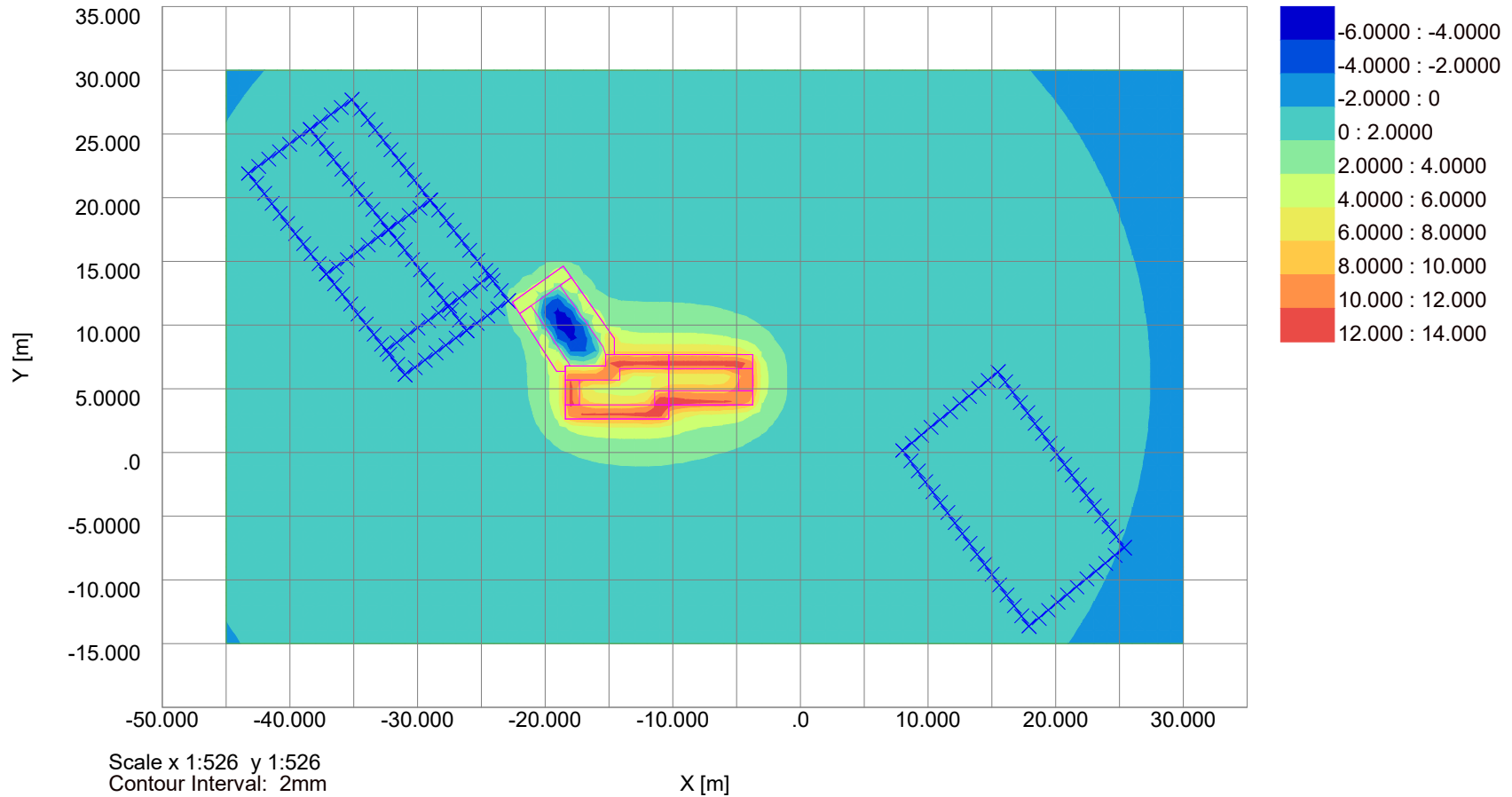
Job No.	Sheet No.	Rev.
J21282		
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Settlement Contours : Grid 1 at 99.30000m



Job No.	Sheet No.	Rev.
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Settlement Contours : Grid 1 at 99.30000m





12 Pilgrims Lane  
Short term movements  
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Job No.	Sheet No.	Rev.
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**Results : Immediate : Load Centres : Polygonal**

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	ex 1	-7.04500	5.73500	96.50000	5.68460	96.230	-19.511	-13.134	-0.0011419
2	ex 2	-14.21044	5.03169	96.50000	4.63002	96.230	-19.895	-21.382	-963.39E-6
3	ex 3	-18.41749	10.16953	96.50000	-3.53047	96.230	-59.190	-115.59	-0.0015590
4	1	-7.04500	7.14000	96.50000	11.09381	96.230	99.709	175.05	0.0031210
5	2	-4.31000	5.73500	96.50000	10.94243	96.230	99.909	178.46	0.0030501
6	3	-7.04500	4.33000	96.50000	11.18910	96.230	99.710	175.19	0.0031175
7	4	-14.39500	3.23000	96.50000	10.77181	96.230	99.692	173.96	0.0031469
8	5	-17.91000	4.74000	96.50000	10.58153	96.230	99.853	177.15	0.0030788
9	6	-14.42904	6.72904	96.50000	11.10222	96.230	99.000	178.90	0.0029706
10	7	-10.88000	4.33000	96.50000	11.55833	96.230	99.614	175.73	0.0030965
11	8	-20.27815	12.79072	96.50000	4.79320	96.230	62.138	99.958	0.0021746
12	9	-20.05053	8.89497	96.50000	4.69348	96.230	63.618	101.18	0.0022556
13	10	-16.52341	10.73790	96.50000	4.59698	96.230	61.790	95.373	0.0022637

**Results : Consolidation : Load Centres : Polygonal**

None

**Results : Total : Load Centres : Polygonal**

None

**Results : Immediate : Displacement Data : Lines**

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	14 A	-31.01000	6.12000	99.30000	0.38777	99.150	0.0	0.0	0.0
1	14 A	-30.20000	6.70000	99.30000	0.43054	99.150	0.0	0.0	0.0
1	14 A	-29.39000	7.28000	99.30000	0.47940	99.150	0.0	0.0	0.0
1	14 A	-28.58000	7.86000	99.30000	0.53568	99.150	0.0	0.0	0.0
1	14 A	-27.77000	8.44000	99.30000	0.60135	99.150	0.0	0.0	0.0
1	14 A	-26.96000	9.02000	99.30000	0.67962	99.150	0.0	0.0	0.0
1	14 A	-26.15000	9.60000	99.30000	0.77632	99.150	0.0	0.0	0.0
2	14 B	-26.16000	9.60000	99.30000	0.77494	99.150	0.0	0.0	0.0
2	14 B	-25.34250	10.18500	99.30000	0.90273	99.150	0.0	0.0	0.0
2	14 B	-24.52500	10.77000	99.30000	1.08887	99.150	0.0	0.0	0.0
2	14 B	-23.70750	11.35500	99.30000	1.41192	99.150	0.0	0.0	0.0
2	14 B	-22.89000	11.94000	99.30000	2.18716	99.150	0.0	0.0	0.0
3	14 C	-32.41000	8.08000	99.30000	0.32667	99.150	0.0	0.0	0.0
3	14 C	-31.60000	8.66000	99.30000	0.35811	99.150	0.0	0.0	0.0
3	14 C	-30.79000	9.24000	99.30000	0.39314	99.150	0.0	0.0	0.0
3	14 C	-29.98000	9.82000	99.30000	0.43238	99.150	0.0	0.0	0.0
3	14 C	-29.17000	10.40000	99.30000	0.47662	99.150	0.0	0.0	0.0
3	14 C	-28.36000	10.98000	99.30000	0.52696	99.150	0.0	0.0	0.0
3	14 C	-27.55000	11.56000	99.30000	0.58493	99.150	0.0	0.0	0.0
4	14 D	-27.56000	11.56000	99.30000	0.58400	99.150	0.0	0.0	0.0
4	14 D	-26.74250	12.14500	99.30000	0.65193	99.150	0.0	0.0	0.0
4	14 D	-25.92500	12.73000	99.30000	0.73100	99.150	0.0	0.0	0.0
4	14 D	-25.10750	13.31500	99.30000	0.81965	99.150	0.0	0.0	0.0
4	14 D	-24.29000	13.90000	99.30000	0.90792	99.150	0.0	0.0	0.0
5	14 E	-22.90000	11.94000	99.30000	2.16811	99.150	0.0	0.0	0.0
5	14 E	-23.51300	12.72900	99.30000	1.34098	99.150	0.0	0.0	0.0
5	14 E	-24.12600	13.51800	99.30000	0.99400	99.150	0.0	0.0	0.0
5	14 E	-24.73900	14.30700	99.30000	0.78813	99.150	0.0	0.0	0.0
5	14 E	-25.35200	15.09600	99.30000	0.64845	99.150	0.0	0.0	0.0
5	14 E	-25.96500	15.88500	99.30000	0.54638	99.150	0.0	0.0	0.0



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Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
5 14 E		-26.57800	16.67400	99.30000	0.46816	99.150	0.0	0.0	0.0
5 14 E		-27.19100	17.46300	99.30000	0.40620	99.150	0.0	0.0	0.0
5 14 E		-27.80400	18.25200	99.30000	0.35589	99.150	0.0	0.0	0.0
5 14 E		-28.41700	19.04100	99.30000	0.31424	99.150	0.0	0.0	0.0
5 14 E		-29.03000	19.83000	99.30000	0.27923	99.150	0.0	0.0	0.0
6 14 F		-31.02000	6.12000	99.30000	0.38729	99.150	0.0	0.0	0.0
6 14 F		-31.63300	6.90900	99.30000	0.35997	99.150	0.0	0.0	0.0
6 14 F		-32.24600	7.69800	99.30000	0.33382	99.150	0.0	0.0	0.0
6 14 F		-32.85900	8.48700	99.30000	0.30898	99.150	0.0	0.0	0.0
6 14 F		-33.47200	9.27600	99.30000	0.28556	99.150	0.0	0.0	0.0
6 14 F		-34.08500	10.06500	99.30000	0.26361	99.150	0.0	0.0	0.0
6 14 F		-34.69800	10.85400	99.30000	0.24315	99.150	0.0	0.0	0.0
6 14 F		-35.31100	11.64300	99.30000	0.22416	99.150	0.0	0.0	0.0
6 14 F		-35.92400	12.43200	99.30000	0.20659	99.150	0.0	0.0	0.0
6 14 F		-36.53700	13.22100	99.30000	0.19039	99.150	0.0	0.0	0.0
6 14 F		-37.15000	14.01000	99.30000	0.17548	99.150	0.0	0.0	0.0
7 14 G		-26.17000	9.60000	99.30000	0.77356	99.150	0.0	0.0	0.0
7 14 G		-26.78200	10.38900	99.30000	0.68726	99.150	0.0	0.0	0.0
7 14 G		-27.39400	11.17800	99.30000	0.60772	99.150	0.0	0.0	0.0
7 14 G		-28.00600	11.96700	99.30000	0.53658	99.150	0.0	0.0	0.0
7 14 G		-28.61800	12.75600	99.30000	0.47428	99.150	0.0	0.0	0.0
7 14 G		-29.23000	13.54500	99.30000	0.42031	99.150	0.0	0.0	0.0
7 14 G		-29.84200	14.33400	99.30000	0.37373	99.150	0.0	0.0	0.0
7 14 G		-30.45400	15.12300	99.30000	0.33348	99.150	0.0	0.0	0.0
7 14 G		-31.06600	15.91200	99.30000	0.29862	99.150	0.0	0.0	0.0
7 14 G		-31.67800	16.70100	99.30000	0.26829	99.150	0.0	0.0	0.0
7 14 G		-32.29000	17.49000	99.30000	0.24178	99.150	0.0	0.0	0.0
8 16 A		-37.16000	14.01000	99.30000	0.17531	99.150	0.0	0.0	0.0
8 16 A		-36.35000	14.59000	99.30000	0.18593	99.150	0.0	0.0	0.0
8 16 A		-35.54000	15.17000	99.30000	0.19685	99.150	0.0	0.0	0.0
8 16 A		-34.73000	15.75000	99.30000	0.20800	99.150	0.0	0.0	0.0
8 16 A		-33.92000	16.33000	99.30000	0.21926	99.150	0.0	0.0	0.0
8 16 A		-33.11000	16.91000	99.30000	0.23051	99.150	0.0	0.0	0.0
8 16 A		-32.30000	17.49000	99.30000	0.24155	99.150	0.0	0.0	0.0
9 16 B		-32.31000	17.49000	99.30000	0.24132	99.150	0.0	0.0	0.0
9 16 B		-31.49250	18.07500	99.30000	0.25204	99.150	0.0	0.0	0.0
9 16 B		-30.67500	18.66000	99.30000	0.26208	99.150	0.0	0.0	0.0
9 16 B		-29.85750	19.24500	99.30000	0.27116	99.150	0.0	0.0	0.0
9 16 B		-29.04000	19.83000	99.30000	0.27899	99.150	0.0	0.0	0.0
10 16 C		-43.29000	21.90000	99.30000	0.07871	99.150	0.0	0.0	0.0
10 16 C		-42.48000	22.48000	99.30000	0.08176	99.150	0.0	0.0	0.0
10 16 C		-41.67000	23.06000	99.30000	0.08476	99.150	0.0	0.0	0.0
10 16 C		-40.86000	23.64000	99.30000	0.08768	99.150	0.0	0.0	0.0
10 16 C		-40.05000	24.22000	99.30000	0.09051	99.150	0.0	0.0	0.0
10 16 C		-39.24000	24.80000	99.30000	0.09320	99.150	0.0	0.0	0.0
10 16 C		-38.43000	25.38000	99.30000	0.09574	99.150	0.0	0.0	0.0
11 16 D		-38.44000	25.38000	99.30000	0.09567	99.150	0.0	0.0	0.0
11 16 D		-37.62250	25.96500	99.30000	0.09806	99.150	0.0	0.0	0.0
11 16 D		-36.80500	26.55000	99.30000	0.10023	99.150	0.0	0.0	0.0
11 16 D		-35.98750	27.13500	99.30000	0.10216	99.150	0.0	0.0	0.0
11 16 D		-35.17000	27.72000	99.30000	0.10384	99.150	0.0	0.0	0.0
12 16 E		-29.05000	19.83000	99.30000	0.27875	99.150	0.0	0.0	0.0
12 16 E		-29.66100	20.61900	99.30000	0.24907	99.150	0.0	0.0	0.0
12 16 E		-30.27200	21.40800	99.30000	0.22353	99.150	0.0	0.0	0.0
12 16 E		-30.88300	22.19700	99.30000	0.20137	99.150	0.0	0.0	0.0
12 16 E		-31.49400	22.98600	99.30000	0.18198	99.150	0.0	0.0	0.0
12 16 E		-32.10500	23.77500	99.30000	0.16492	99.150	0.0	0.0	0.0
12 16 E		-32.71600	24.56400	99.30000	0.14982	99.150	0.0	0.0	0.0
12 16 E		-33.32700	25.35300	99.30000	0.13639	99.150	0.0	0.0	0.0
12 16 E		-33.93800	26.14200	99.30000	0.12438	99.150	0.0	0.0	0.0
12 16 E		-34.54900	26.93100	99.30000	0.11361	99.150	0.0	0.0	0.0
12 16 E		-35.16000	27.72000	99.30000	0.10391	99.150	0.0	0.0	0.0
13 16 F		-32.31000	17.49000	99.30000	0.24132	99.150	0.0	0.0	0.0
13 16 F		-32.92400	18.27900	99.30000	0.21806	99.150	0.0	0.0	0.0
13 16 F		-33.53800	19.06800	99.30000	0.19755	99.150	0.0	0.0	0.0
13 16 F		-34.15200	19.85700	99.30000	0.17938	99.150	0.0	0.0	0.0
13 16 F		-34.76600	20.64600	99.30000	0.16322	99.150	0.0	0.0	0.0
13 16 F		-35.38000	21.43500	99.30000	0.14878	99.150	0.0	0.0	0.0
13 16 F		-35.99400	22.22400	99.30000	0.13584	99.150	0.0	0.0	0.0
13 16 F		-36.60800	23.01300	99.30000	0.12421	99.150	0.0	0.0	0.0
13 16 F		-37.22200	23.80200	99.30000	0.11371	99.150	0.0	0.0	0.0



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Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
13 16 F		-37.83600	24.59100	99.30000	0.10422	99.150	0.0	0.0	0.0
13 16 F		-38.45000	25.38000	99.30000	0.09561	99.150	0.0	0.0	0.0
14 16 G		-37.17000	14.01000	99.30000	0.17514	99.150	0.0	0.0	0.0
14 16 G		-37.78200	14.79900	99.30000	0.16148	99.150	0.0	0.0	0.0
14 16 G		-38.39400	15.58800	99.30000	0.14891	99.150	0.0	0.0	0.0
14 16 G		-39.00600	16.37700	99.30000	0.13737	99.150	0.0	0.0	0.0
14 16 G		-39.61800	17.16600	99.30000	0.12676	99.150	0.0	0.0	0.0
14 16 G		-40.23000	17.95500	99.30000	0.11700	99.150	0.0	0.0	0.0
14 16 G		-40.84200	18.74400	99.30000	0.10803	99.150	0.0	0.0	0.0
14 16 G		-41.45400	19.53300	99.30000	0.09978	99.150	0.0	0.0	0.0
14 16 G		-42.06600	20.32200	99.30000	0.09218	99.150	0.0	0.0	0.0
14 16 G		-42.67800	21.11100	99.30000	0.08517	99.150	0.0	0.0	0.0
14 16 G		-43.29000	21.90000	99.30000	0.07871	99.150	0.0	0.0	0.0
15 10 A		8.00000	0.17000	97.10000	0.34667	96.791	0.0	0.0	0.0
15 10 A		8.74700	0.78500	97.10000	0.32555	96.791	0.0	0.0	0.0
15 10 A		9.49400	1.40000	97.10000	0.30482	96.791	0.0	0.0	0.0
15 10 A		10.24100	2.01500	97.10000	0.28472	96.791	0.0	0.0	0.0
15 10 A		10.98800	2.63000	97.10000	0.26545	96.791	0.0	0.0	0.0
15 10 A		11.73500	3.24500	97.10000	0.24712	96.791	0.0	0.0	0.0
15 10 A		12.48200	3.86000	97.10000	0.22981	96.791	0.0	0.0	0.0
15 10 A		13.22900	4.47500	97.10000	0.21354	96.791	0.0	0.0	0.0
15 10 A		13.97600	5.09000	97.10000	0.19831	96.791	0.0	0.0	0.0
15 10 A		14.72300	5.70500	97.10000	0.18410	96.791	0.0	0.0	0.0
15 10 A		15.47000	6.32000	97.10000	0.17087	96.791	0.0	0.0	0.0
16 10 B		15.48000	6.32000	97.10000	0.17070	96.791	0.0	0.0	0.0
16 10 B		16.06118	5.50647	97.10000	0.16149	96.791	0.0	0.0	0.0
16 10 B		16.64235	4.69294	97.10000	0.15250	96.791	0.0	0.0	0.0
16 10 B		17.22353	3.87941	97.10000	0.14378	96.791	0.0	0.0	0.0
16 10 B		17.80471	3.06588	97.10000	0.13537	96.791	0.0	0.0	0.0
16 10 B		18.38588	2.25235	97.10000	0.12728	96.791	0.0	0.0	0.0
16 10 B		18.96706	1.43882	97.10000	0.11955	96.791	0.0	0.0	0.0
16 10 B		19.54824	0.62529	97.10000	0.11218	96.791	0.0	0.0	0.0
16 10 B		20.12941	-0.18824	97.10000	0.10518	96.791	0.0	0.0	0.0
16 10 B		20.71059	-1.00176	97.10000	0.09853	96.791	0.0	0.0	0.0
16 10 B		21.29176	-1.81529	97.10000	0.09224	96.791	0.0	0.0	0.0
16 10 B		21.87294	-2.62882	97.10000	0.08629	96.791	0.0	0.0	0.0
16 10 B		22.45412	-3.44235	97.10000	0.08068	96.791	0.0	0.0	0.0
16 10 B		23.03529	-4.25588	97.10000	0.07538	96.791	0.0	0.0	0.0
16 10 B		23.61647	-5.06941	97.10000	0.07040	96.791	0.0	0.0	0.0
16 10 B		24.19765	-5.88294	97.10000	0.06570	96.791	0.0	0.0	0.0
16 10 B		24.77882	-6.69647	97.10000	0.06128	96.791	0.0	0.0	0.0
16 10 B		25.36000	-7.51000	97.10000	0.05713	96.791	0.0	0.0	0.0
17 10 C		25.37000	-7.51000	97.10000	0.05709	96.791	0.0	0.0	0.0
17 10 C		24.62300	-8.12500	97.10000	0.05942	96.791	0.0	0.0	0.0
17 10 C		23.87600	-8.74000	97.10000	0.06175	96.791	0.0	0.0	0.0
17 10 C		23.12900	-9.35500	97.10000	0.06407	96.791	0.0	0.0	0.0
17 10 C		22.38200	-9.97000	97.10000	0.06635	96.791	0.0	0.0	0.0
17 10 C		21.63500	-10.58500	97.10000	0.06859	96.791	0.0	0.0	0.0
17 10 C		20.88800	-11.20000	97.10000	0.07077	96.791	0.0	0.0	0.0
17 10 C		20.14100	-11.81500	97.10000	0.07288	96.791	0.0	0.0	0.0
17 10 C		19.39400	-12.43000	97.10000	0.07490	96.791	0.0	0.0	0.0
17 10 C		18.64700	-13.04500	97.10000	0.07682	96.791	0.0	0.0	0.0
17 10 C		17.90000	-13.66000	97.10000	0.07862	96.791	0.0	0.0	0.0
18 10 D		17.89000	-13.66000	97.10000	0.07868	96.791	0.0	0.0	0.0
18 10 D		17.30882	-12.84647	97.10000	0.08531	96.791	0.0	0.0	0.0
18 10 D		16.72765	-12.03294	97.10000	0.09253	96.791	0.0	0.0	0.0
18 10 D		16.14647	-11.21941	97.10000	0.10040	96.791	0.0	0.0	0.0
18 10 D		15.56529	-10.40588	97.10000	0.10900	96.791	0.0	0.0	0.0
18 10 D		14.98412	-9.59235	97.10000	0.11841	96.791	0.0	0.0	0.0
18 10 D		14.40294	-8.77882	97.10000	0.12872	96.791	0.0	0.0	0.0
18 10 D		13.82176	-7.96529	97.10000	0.14003	96.791	0.0	0.0	0.0
18 10 D		13.24059	-7.15176	97.10000	0.15248	96.791	0.0	0.0	0.0
18 10 D		12.65941	-6.33824	97.10000	0.16619	96.791	0.0	0.0	0.0
18 10 D		12.07824	-5.52471	97.10000	0.18133	96.791	0.0	0.0	0.0
18 10 D		11.49706	-4.71118	97.10000	0.19807	96.791	0.0	0.0	0.0
18 10 D		10.91588	-3.89765	97.10000	0.21664	96.791	0.0	0.0	0.0
18 10 D		10.33471	-3.08412	97.10000	0.23726	96.791	0.0	0.0	0.0
18 10 D		9.75353	-2.27059	97.10000	0.26021	96.791	0.0	0.0	0.0
18 10 D		9.17235	-1.45706	97.10000	0.28579	96.791	0.0	0.0	0.0
18 10 D		8.59118	-0.64353	97.10000	0.31435	96.791	0.0	0.0	0.0
18 10 D		8.01000	0.17000	97.10000	0.34627	96.791	0.0	0.0	0.0



12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]

**Results : Consolidation : Displacement Data : Lines**

None

**Results : Total : Displacement Data : Lines**

None

**Results : Immediate : Displacement Data : Grids**

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-45.00000	-15.00000	99.30000	0.05494	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-15.00000	99.30000	0.05895	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-15.00000	99.30000	0.06320	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-15.00000	99.30000	0.06772	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-15.00000	99.30000	0.07252	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-15.00000	99.30000	0.07760	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-15.00000	99.30000	0.08300	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-15.00000	99.30000	0.08871	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-15.00000	99.30000	0.09474	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-15.00000	99.30000	0.10112	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-15.00000	99.30000	0.10784	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-15.00000	99.30000	0.11491	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-15.00000	99.30000	0.12233	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-15.00000	99.30000	0.13009	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-15.00000	99.30000	0.13819	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-15.00000	99.30000	0.14662	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-15.00000	99.30000	0.15533	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-15.00000	99.30000	0.16430	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-15.00000	99.30000	0.17349	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-15.00000	99.30000	0.18283	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-15.00000	99.30000	0.19226	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-15.00000	99.30000	0.20170	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-15.00000	99.30000	0.21105	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-15.00000	99.30000	0.22021	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-15.00000	99.30000	0.22907	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-15.00000	99.30000	0.23749	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-15.00000	99.30000	0.24537	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-15.00000	99.30000	0.25258	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-15.00000	99.30000	0.25900	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-15.00000	99.30000	0.26452	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-15.00000	99.30000	0.26904	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-15.00000	99.30000	0.27249	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-15.00000	99.30000	0.27481	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-15.00000	99.30000	0.27595	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-15.00000	99.30000	0.27591	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-15.00000	99.30000	0.27468	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-15.00000	99.30000	0.27229	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-15.00000	99.30000	0.26879	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-15.00000	99.30000	0.26425	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-15.00000	99.30000	0.25875	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-15.00000	99.30000	0.25239	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-15.00000	99.30000	0.24527	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-15.00000	99.30000	0.23750	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-15.00000	99.30000	0.22919	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-15.00000	99.30000	0.22047	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-15.00000	99.30000	0.21144	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-15.00000	99.30000	0.20222	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-15.00000	99.30000	0.19289	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-15.00000	99.30000	0.18355	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-15.00000	99.30000	0.17429	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-15.00000	99.30000	0.16516	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	6.00000	-15.00000	99.30000	0.15622	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-15.00000	99.30000	0.14752	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-15.00000	99.30000	0.13911	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-15.00000	99.30000	0.13099	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-15.00000	99.30000	0.12320	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-15.00000	99.30000	0.11575	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-15.00000	99.30000	0.10864	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-15.00000	99.30000	0.10188	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-15.00000	99.30000	0.09545	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-15.00000	99.30000	0.08937	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-15.00000	99.30000	0.08361	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-15.00000	99.30000	0.07816	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-15.00000	99.30000	0.07303	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-15.00000	99.30000	0.06819	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-15.00000	99.30000	0.06362	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-15.00000	99.30000	0.05933	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-15.00000	99.30000	0.05529	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-15.00000	99.30000	0.05149	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-15.00000	99.30000	0.04792	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-15.00000	99.30000	0.04456	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-15.00000	99.30000	0.04140	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-15.00000	99.30000	0.03844	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-15.00000	99.30000	0.03565	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-15.00000	99.30000	0.03303	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-15.00000	99.30000	0.03058	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-14.00000	99.30000	0.05749	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-14.00000	99.30000	0.06175	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-14.00000	99.30000	0.06628	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-14.00000	99.30000	0.07111	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-14.00000	99.30000	0.07624	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-14.00000	99.30000	0.08171	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-14.00000	99.30000	0.08752	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-14.00000	99.30000	0.09369	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-14.00000	99.30000	0.10023	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-14.00000	99.30000	0.10717	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-14.00000	99.30000	0.11451	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-14.00000	99.30000	0.12227	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-14.00000	99.30000	0.13044	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-14.00000	99.30000	0.13903	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-14.00000	99.30000	0.14803	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-14.00000	99.30000	0.15743	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-14.00000	99.30000	0.16720	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-14.00000	99.30000	0.17732	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-14.00000	99.30000	0.18772	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-14.00000	99.30000	0.19836	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-14.00000	99.30000	0.20914	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-14.00000	99.30000	0.21999	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-14.00000	99.30000	0.23079	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-14.00000	99.30000	0.24141	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-14.00000	99.30000	0.25171	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-14.00000	99.30000	0.26156	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-14.00000	99.30000	0.27079	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-14.00000	99.30000	0.27926	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-14.00000	99.30000	0.28681	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-14.00000	99.30000	0.29332	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-14.00000	99.30000	0.29865	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-14.00000	99.30000	0.30272	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-14.00000	99.30000	0.30545	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-14.00000	99.30000	0.30678	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-14.00000	99.30000	0.30671	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-14.00000	99.30000	0.30523	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-14.00000	99.30000	0.30239	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-14.00000	99.30000	0.29824	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-14.00000	99.30000	0.29287	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-14.00000	99.30000	0.28638	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-14.00000	99.30000	0.27889	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-14.00000	99.30000	0.27053	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-14.00000	99.30000	0.26143	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-14.00000	99.30000	0.25175	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-14.00000	99.30000	0.24162	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-14.00000	99.30000	0.23117	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	1.00000	-14.00000	99.30000	0.22054	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-14.00000	99.30000	0.20984	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-14.00000	99.30000	0.19917	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-14.00000	99.30000	0.18863	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-14.00000	99.30000	0.17829	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-14.00000	99.30000	0.16822	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-14.00000	99.30000	0.15846	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-14.00000	99.30000	0.14906	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-14.00000	99.30000	0.14004	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-14.00000	99.30000	0.13142	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-14.00000	99.30000	0.12321	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-14.00000	99.30000	0.11540	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-14.00000	99.30000	0.10801	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-14.00000	99.30000	0.10101	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-14.00000	99.30000	0.09440	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-14.00000	99.30000	0.08818	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-14.00000	99.30000	0.08231	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-14.00000	99.30000	0.07679	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-14.00000	99.30000	0.07160	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-14.00000	99.30000	0.06673	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-14.00000	99.30000	0.06215	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-14.00000	99.30000	0.05785	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-14.00000	99.30000	0.05382	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-14.00000	99.30000	0.05004	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-14.00000	99.30000	0.04649	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-14.00000	99.30000	0.04317	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-14.00000	99.30000	0.04005	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-14.00000	99.30000	0.03712	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-14.00000	99.30000	0.03438	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-14.00000	99.30000	0.03181	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-13.00000	99.30000	0.06007	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-13.00000	99.30000	0.06458	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-13.00000	99.30000	0.06941	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-13.00000	99.30000	0.07455	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-13.00000	99.30000	0.08005	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-13.00000	99.30000	0.08591	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-13.00000	99.30000	0.09216	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-13.00000	99.30000	0.09882	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-13.00000	99.30000	0.10591	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-13.00000	99.30000	0.11346	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-13.00000	99.30000	0.12147	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-13.00000	99.30000	0.12998	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-13.00000	99.30000	0.13897	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-13.00000	99.30000	0.14848	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-13.00000	99.30000	0.15848	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-13.00000	99.30000	0.16898	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-13.00000	99.30000	0.17996	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-13.00000	99.30000	0.19137	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-13.00000	99.30000	0.20318	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-13.00000	99.30000	0.21532	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-13.00000	99.30000	0.22770	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-13.00000	99.30000	0.24021	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-13.00000	99.30000	0.25272	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-13.00000	99.30000	0.26509	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-13.00000	99.30000	0.27714	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-13.00000	99.30000	0.28870	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-13.00000	99.30000	0.29958	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-13.00000	99.30000	0.30959	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-13.00000	99.30000	0.31853	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-13.00000	99.30000	0.32624	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-13.00000	99.30000	0.33257	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-13.00000	99.30000	0.33740	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-13.00000	99.30000	0.34062	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-13.00000	99.30000	0.34218	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-13.00000	99.30000	0.34207	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-13.00000	99.30000	0.34028	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-13.00000	99.30000	0.33687	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-13.00000	99.30000	0.33191	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-13.00000	99.30000	0.32552	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-13.00000	99.30000	0.31781	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-13.00000	99.30000	0.30894	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-4.00000	-13.00000	99.30000	0.29908	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-13.00000	99.30000	0.28839	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-13.00000	99.30000	0.27705	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-13.00000	99.30000	0.26523	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-13.00000	99.30000	0.25309	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-13.00000	99.30000	0.24079	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-13.00000	99.30000	0.22846	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-13.00000	99.30000	0.21624	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-13.00000	99.30000	0.20422	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-13.00000	99.30000	0.19249	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-13.00000	99.30000	0.18113	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-13.00000	99.30000	0.17017	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-13.00000	99.30000	0.15966	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-13.00000	99.30000	0.14963	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-13.00000	99.30000	0.14008	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-13.00000	99.30000	0.13103	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-13.00000	99.30000	0.12247	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-13.00000	99.30000	0.11438	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-13.00000	99.30000	0.10677	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-13.00000	99.30000	0.09960	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-13.00000	99.30000	0.09287	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-13.00000	99.30000	0.08656	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-13.00000	99.30000	0.08063	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-13.00000	99.30000	0.07508	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-13.00000	99.30000	0.06988	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-13.00000	99.30000	0.06500	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-13.00000	99.30000	0.06044	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-13.00000	99.30000	0.05617	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-13.00000	99.30000	0.05218	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-13.00000	99.30000	0.04844	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-13.00000	99.30000	0.04494	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-13.00000	99.30000	0.04166	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-13.00000	99.30000	0.03859	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-13.00000	99.30000	0.03572	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-13.00000	99.30000	0.03303	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-12.00000	99.30000	0.06266	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-12.00000	99.30000	0.06745	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-12.00000	99.30000	0.07257	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-12.00000	99.30000	0.07805	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-12.00000	99.30000	0.08392	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-12.00000	99.30000	0.09019	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-12.00000	99.30000	0.09691	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-12.00000	99.30000	0.10410	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-12.00000	99.30000	0.11177	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-12.00000	99.30000	0.11997	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-12.00000	99.30000	0.12872	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-12.00000	99.30000	0.13803	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-12.00000	99.30000	0.14794	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-12.00000	99.30000	0.15845	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-12.00000	99.30000	0.16957	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-12.00000	99.30000	0.18131	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-12.00000	99.30000	0.19365	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-12.00000	99.30000	0.20655	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-12.00000	99.30000	0.21998	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-12.00000	99.30000	0.23387	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-12.00000	99.30000	0.24811	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-12.00000	99.30000	0.26259	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-12.00000	99.30000	0.27715	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-12.00000	99.30000	0.29162	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-12.00000	99.30000	0.30580	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-12.00000	99.30000	0.31945	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-12.00000	99.30000	0.33235	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-12.00000	99.30000	0.34424	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-12.00000	99.30000	0.35490	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-12.00000	99.30000	0.36410	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-12.00000	99.30000	0.37166	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-12.00000	99.30000	0.37741	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-12.00000	99.30000	0.38124	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-12.00000	99.30000	0.38308	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-12.00000	99.30000	0.38289	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-12.00000	99.30000	0.38071	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-9.00000	-12.00000	99.30000	0.37659	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-12.00000	99.30000	0.37063	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-12.00000	99.30000	0.36296	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-12.00000	99.30000	0.35376	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-12.00000	99.30000	0.34321	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-12.00000	99.30000	0.33150	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-12.00000	99.30000	0.31887	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-12.00000	99.30000	0.30552	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-12.00000	99.30000	0.29166	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-12.00000	99.30000	0.27749	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-12.00000	99.30000	0.26321	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-12.00000	99.30000	0.24897	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-12.00000	99.30000	0.23492	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-12.00000	99.30000	0.22118	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-12.00000	99.30000	0.20785	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-12.00000	99.30000	0.19500	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-12.00000	99.30000	0.18268	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-12.00000	99.30000	0.17092	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-12.00000	99.30000	0.15976	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-12.00000	99.30000	0.14919	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-12.00000	99.30000	0.13921	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-12.00000	99.30000	0.12982	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-12.00000	99.30000	0.12099	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-12.00000	99.30000	0.11271	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-12.00000	99.30000	0.10495	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-12.00000	99.30000	0.09768	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-12.00000	99.30000	0.09089	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-12.00000	99.30000	0.08454	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-12.00000	99.30000	0.07860	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-12.00000	99.30000	0.07306	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-12.00000	99.30000	0.06788	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-12.00000	99.30000	0.06305	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-12.00000	99.30000	0.05853	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-12.00000	99.30000	0.05432	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-12.00000	99.30000	0.05038	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-12.00000	99.30000	0.04670	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-12.00000	99.30000	0.04326	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-12.00000	99.30000	0.04005	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-12.00000	99.30000	0.03705	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-12.00000	99.30000	0.03425	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-11.00000	99.30000	0.06526	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-11.00000	99.30000	0.07032	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-11.00000	99.30000	0.07575	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-11.00000	99.30000	0.08158	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-11.00000	99.30000	0.08783	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-11.00000	99.30000	0.09455	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-11.00000	99.30000	0.10176	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-11.00000	99.30000	0.10950	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-11.00000	99.30000	0.11779	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-11.00000	99.30000	0.12669	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-11.00000	99.30000	0.13622	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-11.00000	99.30000	0.14642	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-11.00000	99.30000	0.15732	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-11.00000	99.30000	0.16894	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-11.00000	99.30000	0.18131	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-11.00000	99.30000	0.19444	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-11.00000	99.30000	0.20832	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-11.00000	99.30000	0.22293	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-11.00000	99.30000	0.23823	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-11.00000	99.30000	0.25415	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-11.00000	99.30000	0.27059	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-11.00000	99.30000	0.28741	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-11.00000	99.30000	0.30444	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-11.00000	99.30000	0.32146	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-11.00000	99.30000	0.33823	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-11.00000	99.30000	0.35445	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-11.00000	99.30000	0.36984	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-11.00000	99.30000	0.38407	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-11.00000	99.30000	0.39686	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-11.00000	99.30000	0.40791	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-11.00000	99.30000	0.41699	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-14.00000	-11.00000	99.30000	0.42389	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-11.00000	99.30000	0.42846	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-11.00000	99.30000	0.43062	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-11.00000	99.30000	0.43035	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-11.00000	99.30000	0.42765	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-11.00000	99.30000	0.42263	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-11.00000	99.30000	0.41541	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-11.00000	99.30000	0.40616	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-11.00000	99.30000	0.39510	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-11.00000	99.30000	0.38246	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-11.00000	99.30000	0.36849	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-11.00000	99.30000	0.35347	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-11.00000	99.30000	0.33767	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-11.00000	99.30000	0.32134	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-11.00000	99.30000	0.30473	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-11.00000	99.30000	0.28808	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-11.00000	99.30000	0.27157	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-11.00000	99.30000	0.25538	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-11.00000	99.30000	0.23963	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-11.00000	99.30000	0.22445	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-11.00000	99.30000	0.20989	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-11.00000	99.30000	0.19602	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-11.00000	99.30000	0.18287	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-11.00000	99.30000	0.17044	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-11.00000	99.30000	0.15874	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-11.00000	99.30000	0.14775	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-11.00000	99.30000	0.13745	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-11.00000	99.30000	0.12782	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-11.00000	99.30000	0.11882	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-11.00000	99.30000	0.11042	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-11.00000	99.30000	0.10259	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-11.00000	99.30000	0.09529	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-11.00000	99.30000	0.08849	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-11.00000	99.30000	0.08216	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-11.00000	99.30000	0.07626	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-11.00000	99.30000	0.07077	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-11.00000	99.30000	0.06565	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-11.00000	99.30000	0.06089	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-11.00000	99.30000	0.05645	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-11.00000	99.30000	0.05231	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-11.00000	99.30000	0.04845	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-11.00000	99.30000	0.04485	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-11.00000	99.30000	0.04149	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-11.00000	99.30000	0.03836	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-11.00000	99.30000	0.03544	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-10.00000	99.30000	0.06785	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-10.00000	99.30000	0.07319	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-10.00000	99.30000	0.07894	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-10.00000	99.30000	0.08512	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-10.00000	99.30000	0.09178	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-10.00000	99.30000	0.09895	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-10.00000	99.30000	0.10668	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-10.00000	99.30000	0.11499	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-10.00000	99.30000	0.12395	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-10.00000	99.30000	0.13359	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-10.00000	99.30000	0.14396	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-10.00000	99.30000	0.15512	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-10.00000	99.30000	0.16710	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-10.00000	99.30000	0.17994	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-10.00000	99.30000	0.19369	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-10.00000	99.30000	0.20837	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-10.00000	99.30000	0.22400	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-10.00000	99.30000	0.24056	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-10.00000	99.30000	0.25802	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-10.00000	99.30000	0.27633	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-10.00000	99.30000	0.29537	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-10.00000	99.30000	0.31499	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-10.00000	99.30000	0.33500	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-10.00000	99.30000	0.35513	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-10.00000	99.30000	0.37508	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-10.00000	99.30000	0.39449	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-19.00000	-10.00000	99.30000	0.41298	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-10.00000	99.30000	0.43015	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-10.00000	99.30000	0.44560	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-10.00000	99.30000	0.45898	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-10.00000	99.30000	0.46996	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-10.00000	99.30000	0.47828	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-10.00000	99.30000	0.48378	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-10.00000	99.30000	0.48632	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-10.00000	99.30000	0.48590	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-10.00000	99.30000	0.48255	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-10.00000	99.30000	0.47638	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-10.00000	99.30000	0.46756	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-10.00000	99.30000	0.45632	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-10.00000	99.30000	0.44293	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-10.00000	99.30000	0.42768	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-10.00000	99.30000	0.41091	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-10.00000	99.30000	0.39294	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-10.00000	99.30000	0.37413	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-10.00000	99.30000	0.35478	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-10.00000	99.30000	0.33522	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-10.00000	99.30000	0.31572	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-10.00000	99.30000	0.29650	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-10.00000	99.30000	0.27778	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-10.00000	99.30000	0.25969	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-10.00000	99.30000	0.24235	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-10.00000	99.30000	0.22585	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-10.00000	99.30000	0.21022	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-10.00000	99.30000	0.19549	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-10.00000	99.30000	0.18166	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-10.00000	99.30000	0.16871	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-10.00000	99.30000	0.15661	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-10.00000	99.30000	0.14533	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-10.00000	99.30000	0.13483	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-10.00000	99.30000	0.12507	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-10.00000	99.30000	0.11599	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-10.00000	99.30000	0.10757	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-10.00000	99.30000	0.09974	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-10.00000	99.30000	0.09248	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-10.00000	99.30000	0.08573	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-10.00000	99.30000	0.07947	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-10.00000	99.30000	0.07365	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-10.00000	99.30000	0.06825	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-10.00000	99.30000	0.06323	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-10.00000	99.30000	0.05856	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-10.00000	99.30000	0.05421	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-10.00000	99.30000	0.05017	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-10.00000	99.30000	0.04641	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-10.00000	99.30000	0.04291	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-10.00000	99.30000	0.03965	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-10.00000	99.30000	0.03661	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-9.00000	99.30000	0.07041	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-9.00000	99.30000	0.07604	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-9.00000	99.30000	0.08211	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-9.00000	99.30000	0.08867	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-9.00000	99.30000	0.09574	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-9.00000	99.30000	0.10338	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-9.00000	99.30000	0.11164	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-9.00000	99.30000	0.12057	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-9.00000	99.30000	0.13021	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-9.00000	99.30000	0.14064	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-9.00000	99.30000	0.15192	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-9.00000	99.30000	0.16410	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-9.00000	99.30000	0.17725	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-9.00000	99.30000	0.19143	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-9.00000	99.30000	0.20671	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-9.00000	99.30000	0.22312	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-9.00000	99.30000	0.24072	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-9.00000	99.30000	0.25950	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-9.00000	99.30000	0.27947	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-9.00000	99.30000	0.30056	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-9.00000	99.30000	0.32268	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-24.00000	-9.00000	99.30000	0.34567	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-9.00000	99.30000	0.36930	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-9.00000	99.30000	0.39325	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-9.00000	99.30000	0.41715	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-9.00000	99.30000	0.44055	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-9.00000	99.30000	0.46295	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-9.00000	99.30000	0.48383	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-9.00000	99.30000	0.50267	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-9.00000	99.30000	0.51898	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-9.00000	99.30000	0.53236	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-9.00000	99.30000	0.54248	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-9.00000	99.30000	0.54911	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-9.00000	99.30000	0.55211	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-9.00000	99.30000	0.55146	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-9.00000	99.30000	0.54724	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-9.00000	99.30000	0.53958	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-9.00000	99.30000	0.52872	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-9.00000	99.30000	0.51496	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-9.00000	99.30000	0.49862	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-9.00000	99.30000	0.48011	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-9.00000	99.30000	0.45982	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-9.00000	99.30000	0.43819	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-9.00000	99.30000	0.41565	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-9.00000	99.30000	0.39261	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-9.00000	99.30000	0.36944	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-9.00000	99.30000	0.34649	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-9.00000	99.30000	0.32404	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-9.00000	99.30000	0.30231	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-9.00000	99.30000	0.28147	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-9.00000	99.30000	0.26165	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-9.00000	99.30000	0.24291	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-9.00000	99.30000	0.22529	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-9.00000	99.30000	0.20879	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-9.00000	99.30000	0.19340	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-9.00000	99.30000	0.17907	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-9.00000	99.30000	0.16577	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-9.00000	99.30000	0.15343	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-9.00000	99.30000	0.14200	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-9.00000	99.30000	0.13143	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-9.00000	99.30000	0.12164	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-9.00000	99.30000	0.11259	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-9.00000	99.30000	0.10421	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-9.00000	99.30000	0.09647	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-9.00000	99.30000	0.08930	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-9.00000	99.30000	0.08266	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-9.00000	99.30000	0.07651	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-9.00000	99.30000	0.07082	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-9.00000	99.30000	0.06553	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-9.00000	99.30000	0.06064	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-9.00000	99.30000	0.05609	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-9.00000	99.30000	0.05187	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-9.00000	99.30000	0.04794	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-9.00000	99.30000	0.04430	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-9.00000	99.30000	0.04091	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-9.00000	99.30000	0.03775	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-8.00000	99.30000	0.07294	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-8.00000	99.30000	0.07886	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-8.00000	99.30000	0.08526	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-8.00000	99.30000	0.09219	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-8.00000	99.30000	0.09969	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-8.00000	99.30000	0.10781	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-8.00000	99.30000	0.11662	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-8.00000	99.30000	0.12618	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-8.00000	99.30000	0.13655	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-8.00000	99.30000	0.14781	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-8.00000	99.30000	0.16004	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-8.00000	99.30000	0.17332	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-8.00000	99.30000	0.18773	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-8.00000	99.30000	0.20337	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-8.00000	99.30000	0.22032	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-8.00000	99.30000	0.23867	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-29.00000	-8.00000	99.30000	0.25848	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-8.00000	99.30000	0.27980	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-8.00000	99.30000	0.30265	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-8.00000	99.30000	0.32701	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-8.00000	99.30000	0.35279	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-8.00000	99.30000	0.37984	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-8.00000	99.30000	0.40789	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-8.00000	99.30000	0.43658	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-8.00000	99.30000	0.46544	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-8.00000	99.30000	0.49389	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-8.00000	99.30000	0.52128	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-8.00000	99.30000	0.54690	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-8.00000	99.30000	0.57008	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-8.00000	99.30000	0.59015	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-8.00000	99.30000	0.60660	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-8.00000	99.30000	0.61897	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-8.00000	99.30000	0.62700	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-8.00000	99.30000	0.63053	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-8.00000	99.30000	0.62954	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-8.00000	99.30000	0.62414	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-8.00000	99.30000	0.61454	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-8.00000	99.30000	0.60105	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-8.00000	99.30000	0.58405	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-8.00000	99.30000	0.56397	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-8.00000	99.30000	0.54131	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-8.00000	99.30000	0.51660	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-8.00000	99.30000	0.49037	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-8.00000	99.30000	0.46318	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-8.00000	99.30000	0.43554	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-8.00000	99.30000	0.40795	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-8.00000	99.30000	0.38081	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-8.00000	99.30000	0.35446	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-8.00000	99.30000	0.32917	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-8.00000	99.30000	0.30511	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-8.00000	99.30000	0.28240	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-8.00000	99.30000	0.26110	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-8.00000	99.30000	0.24122	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-8.00000	99.30000	0.22275	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-8.00000	99.30000	0.20563	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-8.00000	99.30000	0.18980	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-8.00000	99.30000	0.17519	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-8.00000	99.30000	0.16171	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-8.00000	99.30000	0.14930	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-8.00000	99.30000	0.13786	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-8.00000	99.30000	0.12733	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-8.00000	99.30000	0.11762	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-8.00000	99.30000	0.10868	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-8.00000	99.30000	0.10044	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-8.00000	99.30000	0.09283	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-8.00000	99.30000	0.08581	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-8.00000	99.30000	0.07933	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-8.00000	99.30000	0.07334	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-8.00000	99.30000	0.06780	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-8.00000	99.30000	0.06267	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-8.00000	99.30000	0.05792	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-8.00000	99.30000	0.05352	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-8.00000	99.30000	0.04943	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-8.00000	99.30000	0.04564	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-8.00000	99.30000	0.04212	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-8.00000	99.30000	0.03885	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-7.00000	99.30000	0.07541	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-7.00000	99.30000	0.08163	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-7.00000	99.30000	0.08836	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-7.00000	99.30000	0.09566	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-7.00000	99.30000	0.10359	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-7.00000	99.30000	0.11221	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-7.00000	99.30000	0.12158	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-7.00000	99.30000	0.13179	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-7.00000	99.30000	0.14291	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-7.00000	99.30000	0.15504	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-7.00000	99.30000	0.16827	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-34.00000	-7.00000	99.30000	0.18272	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-7.00000	99.30000	0.19849	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-7.00000	99.30000	0.21570	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-7.00000	99.30000	0.23449	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-7.00000	99.30000	0.25496	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-7.00000	99.30000	0.27725	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-7.00000	99.30000	0.30145	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-7.00000	99.30000	0.32763	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-7.00000	99.30000	0.35581	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-7.00000	99.30000	0.38596	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-7.00000	99.30000	0.41791	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-7.00000	99.30000	0.45140	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-7.00000	99.30000	0.48602	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-7.00000	99.30000	0.52116	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-7.00000	99.30000	0.55609	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-7.00000	99.30000	0.58993	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-7.00000	99.30000	0.62172	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-7.00000	99.30000	0.65053	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-7.00000	99.30000	0.67548	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-7.00000	99.30000	0.69585	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-7.00000	99.30000	0.71110	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-7.00000	99.30000	0.72087	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-7.00000	99.30000	0.72498	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-7.00000	99.30000	0.72346	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-7.00000	99.30000	0.71646	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-7.00000	99.30000	0.70429	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-7.00000	99.30000	0.68737	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-7.00000	99.30000	0.66618	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-7.00000	99.30000	0.64129	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-7.00000	99.30000	0.61333	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-7.00000	99.30000	0.58297	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-7.00000	99.30000	0.55091	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-7.00000	99.30000	0.51786	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-7.00000	99.30000	0.48449	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-7.00000	99.30000	0.45141	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-7.00000	99.30000	0.41914	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-7.00000	99.30000	0.38809	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-7.00000	99.30000	0.35854	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-7.00000	99.30000	0.33068	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-7.00000	99.30000	0.30463	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-7.00000	99.30000	0.28040	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-7.00000	99.30000	0.25799	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-7.00000	99.30000	0.23731	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-7.00000	99.30000	0.21829	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-7.00000	99.30000	0.20082	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-7.00000	99.30000	0.18480	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-7.00000	99.30000	0.17012	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-7.00000	99.30000	0.15666	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-7.00000	99.30000	0.14432	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-7.00000	99.30000	0.13301	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-7.00000	99.30000	0.12263	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-7.00000	99.30000	0.11311	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-7.00000	99.30000	0.10436	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-7.00000	99.30000	0.09631	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-7.00000	99.30000	0.08891	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-7.00000	99.30000	0.08209	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-7.00000	99.30000	0.07580	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-7.00000	99.30000	0.07000	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-7.00000	99.30000	0.06465	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-7.00000	99.30000	0.05970	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-7.00000	99.30000	0.05511	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-7.00000	99.30000	0.05087	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-7.00000	99.30000	0.04694	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-7.00000	99.30000	0.04330	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-7.00000	99.30000	0.03992	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-6.00000	99.30000	0.07782	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-6.00000	99.30000	0.08432	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-6.00000	99.30000	0.09138	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-6.00000	99.30000	0.09906	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-6.00000	99.30000	0.10742	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-6.00000	99.30000	0.11654	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-39.00000	-6.00000	99.30000	0.12649	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-6.00000	99.30000	0.13736	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-6.00000	99.30000	0.14926	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-6.00000	99.30000	0.16229	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-6.00000	99.30000	0.17656	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-6.00000	99.30000	0.19223	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-6.00000	99.30000	0.20944	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-6.00000	99.30000	0.22834	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-6.00000	99.30000	0.24911	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-6.00000	99.30000	0.27193	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-6.00000	99.30000	0.29698	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-6.00000	99.30000	0.32443	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-6.00000	99.30000	0.35443	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-6.00000	99.30000	0.38708	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-6.00000	99.30000	0.42241	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-6.00000	99.30000	0.46032	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-6.00000	99.30000	0.50056	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-6.00000	99.30000	0.54265	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-6.00000	99.30000	0.58586	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-6.00000	99.30000	0.62922	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-6.00000	99.30000	0.67153	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-6.00000	99.30000	0.71147	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-6.00000	99.30000	0.74772	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-6.00000	99.30000	0.77907	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-6.00000	99.30000	0.80456	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-6.00000	99.30000	0.82347	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-6.00000	99.30000	0.83538	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-6.00000	99.30000	0.84011	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-6.00000	99.30000	0.83774	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-6.00000	99.30000	0.82852	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-6.00000	99.30000	0.81290	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-6.00000	99.30000	0.79144	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-6.00000	99.30000	0.76478	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-6.00000	99.30000	0.73366	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-6.00000	99.30000	0.69885	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-6.00000	99.30000	0.66122	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-6.00000	99.30000	0.62168	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-6.00000	99.30000	0.58116	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-6.00000	99.30000	0.54054	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-6.00000	99.30000	0.50061	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-6.00000	99.30000	0.46201	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-6.00000	99.30000	0.42523	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-6.00000	99.30000	0.39059	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-6.00000	99.30000	0.35828	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-6.00000	99.30000	0.32835	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-6.00000	99.30000	0.30079	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-6.00000	99.30000	0.27551	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-6.00000	99.30000	0.25240	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-6.00000	99.30000	0.23130	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-6.00000	99.30000	0.21207	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-6.00000	99.30000	0.19455	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-6.00000	99.30000	0.17858	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-6.00000	99.30000	0.16403	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-6.00000	99.30000	0.15075	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-6.00000	99.30000	0.13864	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-6.00000	99.30000	0.12758	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-6.00000	99.30000	0.11746	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-6.00000	99.30000	0.10820	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-6.00000	99.30000	0.09971	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-6.00000	99.30000	0.09192	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-6.00000	99.30000	0.08477	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-6.00000	99.30000	0.07819	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-6.00000	99.30000	0.07213	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-6.00000	99.30000	0.06655	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-6.00000	99.30000	0.06140	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-6.00000	99.30000	0.05665	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-6.00000	99.30000	0.05225	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-6.00000	99.30000	0.04819	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-6.00000	99.30000	0.04442	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-6.00000	99.30000	0.04093	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-5.00000	99.30000	0.08013	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-44.00000	-5.00000	99.30000	0.08692	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-5.00000	99.30000	0.09430	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-5.00000	99.30000	0.10236	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-5.00000	99.30000	0.11115	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-5.00000	99.30000	0.12077	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-5.00000	99.30000	0.13130	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-5.00000	99.30000	0.14285	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-5.00000	99.30000	0.15553	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-5.00000	99.30000	0.16947	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-5.00000	99.30000	0.18484	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-5.00000	99.30000	0.20178	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-5.00000	99.30000	0.22049	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-5.00000	99.30000	0.24119	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-5.00000	99.30000	0.26409	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-5.00000	99.30000	0.28945	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-5.00000	99.30000	0.31755	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-5.00000	99.30000	0.34864	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-5.00000	99.30000	0.38299	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-5.00000	99.30000	0.42085	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-5.00000	99.30000	0.46235	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-5.00000	99.30000	0.50751	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-5.00000	99.30000	0.55615	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-5.00000	99.30000	0.60777	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-5.00000	99.30000	0.66149	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-5.00000	99.30000	0.71603	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-5.00000	99.30000	0.76971	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-5.00000	99.30000	0.82063	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-5.00000	99.30000	0.86687	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-5.00000	99.30000	0.90674	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-5.00000	99.30000	0.93894	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-5.00000	99.30000	0.96255	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-5.00000	99.30000	0.97709	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-5.00000	99.30000	0.98240	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-5.00000	99.30000	0.97866	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-5.00000	99.30000	0.96628	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-5.00000	99.30000	0.94594	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-5.00000	99.30000	0.91840	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-5.00000	99.30000	0.88453	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-5.00000	99.30000	0.84523	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-5.00000	99.30000	0.80148	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-5.00000	99.30000	0.75438	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-5.00000	99.30000	0.70512	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-5.00000	99.30000	0.65495	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-5.00000	99.30000	0.60504	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-5.00000	99.30000	0.55645	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-5.00000	99.30000	0.50998	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-5.00000	99.30000	0.46621	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-5.00000	99.30000	0.42547	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-5.00000	99.30000	0.38791	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-5.00000	99.30000	0.35351	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-5.00000	99.30000	0.32217	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-5.00000	99.30000	0.29370	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-5.00000	99.30000	0.26791	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-5.00000	99.30000	0.24456	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-5.00000	99.30000	0.22344	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-5.00000	99.30000	0.20432	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-5.00000	99.30000	0.18702	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-5.00000	99.30000	0.17133	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-5.00000	99.30000	0.15710	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-5.00000	99.30000	0.14417	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-5.00000	99.30000	0.13241	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-5.00000	99.30000	0.12170	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-5.00000	99.30000	0.11192	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-5.00000	99.30000	0.10299	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-5.00000	99.30000	0.09483	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-5.00000	99.30000	0.08734	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-5.00000	99.30000	0.08048	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-5.00000	99.30000	0.07417	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-5.00000	99.30000	0.06837	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-5.00000	99.30000	0.06303	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-5.00000	99.30000	0.05811	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	27.00000	-5.00000	99.30000	0.05356	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-5.00000	99.30000	0.04936	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-5.00000	99.30000	0.04548	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-5.00000	99.30000	0.04189	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-4.00000	99.30000	0.08234	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-4.00000	99.30000	0.08940	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-4.00000	99.30000	0.09710	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-4.00000	99.30000	0.10553	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-4.00000	99.30000	0.11475	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-4.00000	99.30000	0.12486	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-4.00000	99.30000	0.13596	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-4.00000	99.30000	0.14818	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-4.00000	99.30000	0.16165	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-4.00000	99.30000	0.17653	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-4.00000	99.30000	0.19300	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-4.00000	99.30000	0.21126	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-4.00000	99.30000	0.23154	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-4.00000	99.30000	0.25411	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-4.00000	99.30000	0.27927	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-4.00000	99.30000	0.30737	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-4.00000	99.30000	0.33878	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-4.00000	99.30000	0.37391	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-4.00000	99.30000	0.41319	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-4.00000	99.30000	0.45705	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-4.00000	99.30000	0.50586	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-4.00000	99.30000	0.55984	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-4.00000	99.30000	0.61899	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-4.00000	99.30000	0.68289	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-4.00000	99.30000	0.75053	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-4.00000	99.30000	0.82021	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-4.00000	99.30000	0.88952	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-4.00000	99.30000	0.95561	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-4.00000	99.30000	1.01559	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-4.00000	99.30000	1.06702	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-4.00000	99.30000	1.10810	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-4.00000	99.30000	1.13776	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-4.00000	99.30000	1.15547	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-4.00000	99.30000	1.16116	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-4.00000	99.30000	1.15516	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-4.00000	99.30000	1.13817	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-4.00000	99.30000	1.11120	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-4.00000	99.30000	1.07541	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-4.00000	99.30000	1.03190	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-4.00000	99.30000	0.98179	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-4.00000	99.30000	0.92624	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-4.00000	99.30000	0.86662	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-4.00000	99.30000	0.80452	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-4.00000	99.30000	0.74165	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-4.00000	99.30000	0.67967	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-4.00000	99.30000	0.62000	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-4.00000	99.30000	0.56366	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-4.00000	99.30000	0.51131	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-4.00000	99.30000	0.46325	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-4.00000	99.30000	0.41953	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-4.00000	99.30000	0.37999	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-4.00000	99.30000	0.34438	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-4.00000	99.30000	0.31239	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-4.00000	99.30000	0.28368	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-4.00000	99.30000	0.25793	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-4.00000	99.30000	0.23480	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-4.00000	99.30000	0.21403	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-4.00000	99.30000	0.19533	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-4.00000	99.30000	0.17849	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-4.00000	99.30000	0.16328	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-4.00000	99.30000	0.14953	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-4.00000	99.30000	0.13708	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-4.00000	99.30000	0.12577	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-4.00000	99.30000	0.11549	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-4.00000	99.30000	0.10613	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-4.00000	99.30000	0.09759	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-4.00000	99.30000	0.08979	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	22.00000	-4.00000	99.30000	0.08265	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-4.00000	99.30000	0.07610	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-4.00000	99.30000	0.07009	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-4.00000	99.30000	0.06456	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-4.00000	99.30000	0.05948	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-4.00000	99.30000	0.05479	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-4.00000	99.30000	0.05047	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-4.00000	99.30000	0.04648	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-4.00000	99.30000	0.04278	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-3.00000	99.30000	0.08442	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-3.00000	99.30000	0.09174	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-3.00000	99.30000	0.09976	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-3.00000	99.30000	0.10854	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-3.00000	99.30000	0.11817	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-3.00000	99.30000	0.12876	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-3.00000	99.30000	0.14043	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-3.00000	99.30000	0.15332	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-3.00000	99.30000	0.16757	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-3.00000	99.30000	0.18338	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-3.00000	99.30000	0.20096	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-3.00000	99.30000	0.22055	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-3.00000	99.30000	0.24243	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-3.00000	99.30000	0.26694	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-3.00000	99.30000	0.29447	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-3.00000	99.30000	0.32546	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-3.00000	99.30000	0.36043	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-3.00000	99.30000	0.39998	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-3.00000	99.30000	0.44475	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-3.00000	99.30000	0.49547	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-3.00000	99.30000	0.55285	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-3.00000	99.30000	0.61752	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-3.00000	99.30000	0.68986	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-3.00000	99.30000	0.76973	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-3.00000	99.30000	0.85613	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-3.00000	99.30000	0.94686	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-3.00000	99.30000	1.03837	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-3.00000	99.30000	1.12613	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-3.00000	99.30000	1.20555	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-3.00000	99.30000	1.27290	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-3.00000	99.30000	1.32585	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-3.00000	99.30000	1.36326	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-3.00000	99.30000	1.38472	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-3.00000	99.30000	1.39028	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-3.00000	99.30000	1.38047	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-3.00000	99.30000	1.35646	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-3.00000	99.30000	1.31994	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-3.00000	99.30000	1.27269	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-3.00000	99.30000	1.21619	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-3.00000	99.30000	1.15165	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-3.00000	99.30000	1.08033	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-3.00000	99.30000	1.00385	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-3.00000	99.30000	0.92441	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-3.00000	99.30000	0.84448	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-3.00000	99.30000	0.76651	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-3.00000	99.30000	0.69244	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-3.00000	99.30000	0.62361	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-3.00000	99.30000	0.56069	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-3.00000	99.30000	0.50386	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-3.00000	99.30000	0.45295	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-3.00000	99.30000	0.40755	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-3.00000	99.30000	0.36720	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-3.00000	99.30000	0.33135	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-3.00000	99.30000	0.29952	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-3.00000	99.30000	0.27121	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-3.00000	99.30000	0.24601	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-3.00000	99.30000	0.22352	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-3.00000	99.30000	0.20342	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-3.00000	99.30000	0.18540	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-3.00000	99.30000	0.16923	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-3.00000	99.30000	0.15466	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-3.00000	99.30000	0.14152	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	17.00000	-3.00000	99.30000	0.12964	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-3.00000	99.30000	0.11887	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-3.00000	99.30000	0.10909	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-3.00000	99.30000	0.10020	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-3.00000	99.30000	0.09208	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-3.00000	99.30000	0.08468	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-3.00000	99.30000	0.07790	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-3.00000	99.30000	0.07169	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-3.00000	99.30000	0.06599	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-3.00000	99.30000	0.06075	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-3.00000	99.30000	0.05593	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-3.00000	99.30000	0.05149	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-3.00000	99.30000	0.04740	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-3.00000	99.30000	0.04361	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-2.00000	99.30000	0.08635	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-2.00000	99.30000	0.09393	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-2.00000	99.30000	0.10223	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-2.00000	99.30000	0.11135	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-2.00000	99.30000	0.12138	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-2.00000	99.30000	0.13244	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-2.00000	99.30000	0.14466	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-2.00000	99.30000	0.15819	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-2.00000	99.30000	0.17321	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-2.00000	99.30000	0.18994	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-2.00000	99.30000	0.20861	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-2.00000	99.30000	0.22953	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-2.00000	99.30000	0.25302	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-2.00000	99.30000	0.27950	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-2.00000	99.30000	0.30945	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-2.00000	99.30000	0.34345	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-2.00000	99.30000	0.38217	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-2.00000	99.30000	0.42645	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-2.00000	99.30000	0.47725	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-2.00000	99.30000	0.53567	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-2.00000	99.30000	0.60297	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-2.00000	99.30000	0.68045	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-2.00000	99.30000	0.76926	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-2.00000	99.30000	0.87004	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-2.00000	99.30000	0.98223	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-2.00000	99.30000	1.10321	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-2.00000	99.30000	1.22761	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-2.00000	99.30000	1.34776	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-2.00000	99.30000	1.45563	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-2.00000	99.30000	1.54536	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-2.00000	99.30000	1.61417	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-2.00000	99.30000	1.66141	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-2.00000	99.30000	1.68717	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-2.00000	99.30000	1.69154	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-2.00000	99.30000	1.67514	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-2.00000	99.30000	1.63988	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-2.00000	99.30000	1.58891	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-2.00000	99.30000	1.52533	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-2.00000	99.30000	1.45113	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-2.00000	99.30000	1.36725	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-2.00000	99.30000	1.27457	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-2.00000	99.30000	1.17490	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-2.00000	99.30000	1.07134	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-2.00000	99.30000	0.96783	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-2.00000	99.30000	0.86813	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-2.00000	99.30000	0.77507	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-2.00000	99.30000	0.69029	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-2.00000	99.30000	0.61435	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-2.00000	99.30000	0.54706	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-2.00000	99.30000	0.48782	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-2.00000	99.30000	0.43584	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-2.00000	99.30000	0.39027	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-2.00000	99.30000	0.35028	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-2.00000	99.30000	0.31515	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-2.00000	99.30000	0.28420	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-2.00000	99.30000	0.25687	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-2.00000	99.30000	0.23265	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	12.00000	-2.00000	99.30000	0.21115	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-2.00000	99.30000	0.19198	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-2.00000	99.30000	0.17485	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-2.00000	99.30000	0.15949	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-2.00000	99.30000	0.14569	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-2.00000	99.30000	0.13325	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-2.00000	99.30000	0.12202	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-2.00000	99.30000	0.11184	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-2.00000	99.30000	0.10261	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-2.00000	99.30000	0.09421	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-2.00000	99.30000	0.08655	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-2.00000	99.30000	0.07956	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-2.00000	99.30000	0.07316	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-2.00000	99.30000	0.06730	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-2.00000	99.30000	0.06192	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-2.00000	99.30000	0.05698	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-2.00000	99.30000	0.05243	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-2.00000	99.30000	0.04824	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-2.00000	99.30000	0.04437	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-1.00000	99.30000	0.08812	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-1.00000	99.30000	0.09593	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-1.00000	99.30000	0.10451	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-1.00000	99.30000	0.11395	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-1.00000	99.30000	0.12435	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-1.00000	99.30000	0.13585	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-1.00000	99.30000	0.14858	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-1.00000	99.30000	0.16273	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-1.00000	99.30000	0.17849	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-1.00000	99.30000	0.19610	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-1.00000	99.30000	0.21584	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-1.00000	99.30000	0.23805	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-1.00000	99.30000	0.26313	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-1.00000	99.30000	0.29157	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-1.00000	99.30000	0.32395	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-1.00000	99.30000	0.36100	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-1.00000	99.30000	0.40359	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-1.00000	99.30000	0.45283	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-1.00000	99.30000	0.51004	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-1.00000	99.30000	0.57689	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-1.00000	99.30000	0.65540	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-1.00000	99.30000	0.74794	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-1.00000	99.30000	0.85708	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-1.00000	99.30000	0.98523	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-1.00000	99.30000	1.13347	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-1.00000	99.30000	1.29963	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-1.00000	99.30000	1.47573	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-1.00000	99.30000	1.64748	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-1.00000	99.30000	1.79912	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-1.00000	99.30000	1.92076	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-1.00000	99.30000	2.01034	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-1.00000	99.30000	2.06972	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-1.00000	99.30000	2.10032	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-1.00000	99.30000	2.10171	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-1.00000	99.30000	2.07346	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-1.00000	99.30000	2.01860	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-1.00000	99.30000	1.94408	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-1.00000	99.30000	1.85639	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-1.00000	99.30000	1.75802	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-1.00000	99.30000	1.64829	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-1.00000	99.30000	1.52632	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-1.00000	99.30000	1.39366	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-1.00000	99.30000	1.25518	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-1.00000	99.30000	1.11772	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-1.00000	99.30000	0.98763	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-1.00000	99.30000	0.86909	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-1.00000	99.30000	0.76384	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-1.00000	99.30000	0.67189	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-1.00000	99.30000	0.59226	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-1.00000	99.30000	0.52356	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-1.00000	99.30000	0.46430	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-1.00000	99.30000	0.41312	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	7.00000	-1.00000	99.30000	0.36879	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-1.00000	99.30000	0.33025	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-1.00000	99.30000	0.29663	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-1.00000	99.30000	0.26717	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-1.00000	99.30000	0.24126	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-1.00000	99.30000	0.21838	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-1.00000	99.30000	0.19810	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-1.00000	99.30000	0.18005	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-1.00000	99.30000	0.16395	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-1.00000	99.30000	0.14952	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-1.00000	99.30000	0.13656	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-1.00000	99.30000	0.12489	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-1.00000	99.30000	0.11435	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-1.00000	99.30000	0.10480	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-1.00000	99.30000	0.09613	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-1.00000	99.30000	0.08824	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-1.00000	99.30000	0.08105	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-1.00000	99.30000	0.07449	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-1.00000	99.30000	0.06848	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-1.00000	99.30000	0.06297	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-1.00000	99.30000	0.05792	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-1.00000	99.30000	0.05327	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-1.00000	99.30000	0.04899	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-1.00000	99.30000	0.04505	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	0.00000	99.30000	0.08970	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	0.00000	99.30000	0.09773	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	0.00000	99.30000	0.10656	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	0.00000	99.30000	0.11629	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	0.00000	99.30000	0.12704	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	0.00000	99.30000	0.13894	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	0.00000	99.30000	0.15216	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	0.00000	99.30000	0.16688	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	0.00000	99.30000	0.18333	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	0.00000	99.30000	0.20178	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	0.00000	99.30000	0.22253	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	0.00000	99.30000	0.24598	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	0.00000	99.30000	0.27259	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	0.00000	99.30000	0.30292	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	0.00000	99.30000	0.33768	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	0.00000	99.30000	0.37774	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	0.00000	99.30000	0.42420	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	0.00000	99.30000	0.47845	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	0.00000	99.30000	0.54230	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	0.00000	99.30000	0.61807	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	0.00000	99.30000	0.70879	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	0.00000	99.30000	0.81842	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	0.00000	99.30000	0.95195	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	0.00000	99.30000	1.11531	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	0.00000	99.30000	1.31429	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	0.00000	99.30000	1.55090	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	0.00000	99.30000	1.81527	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	0.00000	99.30000	2.07800	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	0.00000	99.30000	2.30184	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	0.00000	99.30000	2.46884	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	0.00000	99.30000	2.58367	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	0.00000	99.30000	2.65695	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	0.00000	99.30000	2.69362	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	0.00000	99.30000	2.69004	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	0.00000	99.30000	2.63936	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	0.00000	99.30000	2.54552	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	0.00000	99.30000	2.42787	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	0.00000	99.30000	2.30282	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	0.00000	99.30000	2.17197	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	0.00000	99.30000	2.02850	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	0.00000	99.30000	1.86586	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	0.00000	99.30000	1.68398	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	0.00000	99.30000	1.49161	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	0.00000	99.30000	1.30254	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	0.00000	99.30000	1.12843	99.150	0.0	0.0	0.0
1	PDISP	0.00000	0.00000	99.30000	0.97515	99.150	0.0	0.0	0.0
1	PDISP	1.00000	0.00000	99.30000	0.84369	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	2.00000	0.00000	99.30000	0.73235	99.150	0.0	0.0	0.0
1	PDISP	3.00000	0.00000	99.30000	0.63847	99.150	0.0	0.0	0.0
1	PDISP	4.00000	0.00000	99.30000	0.55925	99.150	0.0	0.0	0.0
1	PDISP	5.00000	0.00000	99.30000	0.49219	99.150	0.0	0.0	0.0
1	PDISP	6.00000	0.00000	99.30000	0.43516	99.150	0.0	0.0	0.0
1	PDISP	7.00000	0.00000	99.30000	0.38639	99.150	0.0	0.0	0.0
1	PDISP	8.00000	0.00000	99.30000	0.34446	99.150	0.0	0.0	0.0
1	PDISP	9.00000	0.00000	99.30000	0.30821	99.150	0.0	0.0	0.0
1	PDISP	10.00000	0.00000	99.30000	0.27669	99.150	0.0	0.0	0.0
1	PDISP	11.00000	0.00000	99.30000	0.24916	99.150	0.0	0.0	0.0
1	PDISP	12.00000	0.00000	99.30000	0.22498	99.150	0.0	0.0	0.0
1	PDISP	13.00000	0.00000	99.30000	0.20365	99.150	0.0	0.0	0.0
1	PDISP	14.00000	0.00000	99.30000	0.18476	99.150	0.0	0.0	0.0
1	PDISP	15.00000	0.00000	99.30000	0.16795	99.150	0.0	0.0	0.0
1	PDISP	16.00000	0.00000	99.30000	0.15296	99.150	0.0	0.0	0.0
1	PDISP	17.00000	0.00000	99.30000	0.13952	99.150	0.0	0.0	0.0
1	PDISP	18.00000	0.00000	99.30000	0.12745	99.150	0.0	0.0	0.0
1	PDISP	19.00000	0.00000	99.30000	0.11657	99.150	0.0	0.0	0.0
1	PDISP	20.00000	0.00000	99.30000	0.10674	99.150	0.0	0.0	0.0
1	PDISP	21.00000	0.00000	99.30000	0.09783	99.150	0.0	0.0	0.0
1	PDISP	22.00000	0.00000	99.30000	0.08974	99.150	0.0	0.0	0.0
1	PDISP	23.00000	0.00000	99.30000	0.08237	99.150	0.0	0.0	0.0
1	PDISP	24.00000	0.00000	99.30000	0.07565	99.150	0.0	0.0	0.0
1	PDISP	25.00000	0.00000	99.30000	0.06952	99.150	0.0	0.0	0.0
1	PDISP	26.00000	0.00000	99.30000	0.06389	99.150	0.0	0.0	0.0
1	PDISP	27.00000	0.00000	99.30000	0.05874	99.150	0.0	0.0	0.0
1	PDISP	28.00000	0.00000	99.30000	0.05400	99.150	0.0	0.0	0.0
1	PDISP	29.00000	0.00000	99.30000	0.04965	99.150	0.0	0.0	0.0
1	PDISP	30.00000	0.00000	99.30000	0.04564	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	1.00000	99.30000	0.09109	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	1.00000	99.30000	0.09931	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	1.00000	99.30000	0.10836	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	1.00000	99.30000	0.11836	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	1.00000	99.30000	0.12941	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	1.00000	99.30000	0.14168	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	1.00000	99.30000	0.15534	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	1.00000	99.30000	0.17058	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	1.00000	99.30000	0.18766	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	1.00000	99.30000	0.20688	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	1.00000	99.30000	0.22857	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	1.00000	99.30000	0.25317	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	1.00000	99.30000	0.28120	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	1.00000	99.30000	0.31332	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	1.00000	99.30000	0.35034	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	1.00000	99.30000	0.39328	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	1.00000	99.30000	0.44346	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	1.00000	99.30000	0.50261	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	1.00000	99.30000	0.57301	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	1.00000	99.30000	0.65776	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	1.00000	99.30000	0.76113	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	1.00000	99.30000	0.88913	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	1.00000	99.30000	1.05034	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	1.00000	99.30000	1.25697	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	1.00000	99.30000	1.52573	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	1.00000	99.30000	1.87554	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	1.00000	99.30000	2.30951	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	1.00000	99.30000	2.76342	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	1.00000	99.30000	3.11956	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	1.00000	99.30000	3.34602	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	1.00000	99.30000	3.48402	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	1.00000	99.30000	3.57036	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	1.00000	99.30000	3.61786	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	1.00000	99.30000	3.61242	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	1.00000	99.30000	3.51692	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	1.00000	99.30000	3.32583	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	1.00000	99.30000	3.11333	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	1.00000	99.30000	2.92795	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	1.00000	99.30000	2.75671	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	1.00000	99.30000	2.57237	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	1.00000	99.30000	2.35275	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	1.00000	99.30000	2.09136	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-3.00000	1.00000	99.30000	1.80722	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	1.00000	99.30000	1.53357	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	1.00000	99.30000	1.29328	99.150	0.0	0.0	0.0
1	PDISP	0.00000	1.00000	99.30000	1.09249	99.150	0.0	0.0	0.0
1	PDISP	1.00000	1.00000	99.30000	0.92801	99.150	0.0	0.0	0.0
1	PDISP	2.00000	1.00000	99.30000	0.79384	99.150	0.0	0.0	0.0
1	PDISP	3.00000	1.00000	99.30000	0.68406	99.150	0.0	0.0	0.0
1	PDISP	4.00000	1.00000	99.30000	0.59363	99.150	0.0	0.0	0.0
1	PDISP	5.00000	1.00000	99.30000	0.51853	99.150	0.0	0.0	0.0
1	PDISP	6.00000	1.00000	99.30000	0.45564	99.150	0.0	0.0	0.0
1	PDISP	7.00000	1.00000	99.30000	0.40254	99.150	0.0	0.0	0.0
1	PDISP	8.00000	1.00000	99.30000	0.35736	99.150	0.0	0.0	0.0
1	PDISP	9.00000	1.00000	99.30000	0.31862	99.150	0.0	0.0	0.0
1	PDISP	10.00000	1.00000	99.30000	0.28519	99.150	0.0	0.0	0.0
1	PDISP	11.00000	1.00000	99.30000	0.25615	99.150	0.0	0.0	0.0
1	PDISP	12.00000	1.00000	99.30000	0.23079	99.150	0.0	0.0	0.0
1	PDISP	13.00000	1.00000	99.30000	0.20852	99.150	0.0	0.0	0.0
1	PDISP	14.00000	1.00000	99.30000	0.18886	99.150	0.0	0.0	0.0
1	PDISP	15.00000	1.00000	99.30000	0.17144	99.150	0.0	0.0	0.0
1	PDISP	16.00000	1.00000	99.30000	0.15593	99.150	0.0	0.0	0.0
1	PDISP	17.00000	1.00000	99.30000	0.14208	99.150	0.0	0.0	0.0
1	PDISP	18.00000	1.00000	99.30000	0.12966	99.150	0.0	0.0	0.0
1	PDISP	19.00000	1.00000	99.30000	0.11849	99.150	0.0	0.0	0.0
1	PDISP	20.00000	1.00000	99.30000	0.10841	99.150	0.0	0.0	0.0
1	PDISP	21.00000	1.00000	99.30000	0.09929	99.150	0.0	0.0	0.0
1	PDISP	22.00000	1.00000	99.30000	0.09102	99.150	0.0	0.0	0.0
1	PDISP	23.00000	1.00000	99.30000	0.08350	99.150	0.0	0.0	0.0
1	PDISP	24.00000	1.00000	99.30000	0.07665	99.150	0.0	0.0	0.0
1	PDISP	25.00000	1.00000	99.30000	0.07040	99.150	0.0	0.0	0.0
1	PDISP	26.00000	1.00000	99.30000	0.06468	99.150	0.0	0.0	0.0
1	PDISP	27.00000	1.00000	99.30000	0.05944	99.150	0.0	0.0	0.0
1	PDISP	28.00000	1.00000	99.30000	0.05463	99.150	0.0	0.0	0.0
1	PDISP	29.00000	1.00000	99.30000	0.05021	99.150	0.0	0.0	0.0
1	PDISP	30.00000	1.00000	99.30000	0.04614	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	2.00000	99.30000	0.09227	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	2.00000	99.30000	0.10065	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	2.00000	99.30000	0.10989	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	2.00000	99.30000	0.12011	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	2.00000	99.30000	0.13144	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	2.00000	99.30000	0.14403	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	2.00000	99.30000	0.15806	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	2.00000	99.30000	0.17377	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	2.00000	99.30000	0.19141	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	2.00000	99.30000	0.21130	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	2.00000	99.30000	0.23383	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	2.00000	99.30000	0.25947	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	2.00000	99.30000	0.28879	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	2.00000	99.30000	0.32254	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	2.00000	99.30000	0.36161	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	2.00000	99.30000	0.40720	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	2.00000	99.30000	0.46083	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	2.00000	99.30000	0.52454	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	2.00000	99.30000	0.60108	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	2.00000	99.30000	0.69433	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	2.00000	99.30000	0.80987	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	2.00000	99.30000	0.95606	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	2.00000	99.30000	1.14592	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	2.00000	99.30000	1.40069	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	2.00000	99.30000	1.75696	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	2.00000	99.30000	2.28158	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	2.00000	99.30000	3.09216	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	2.00000	99.30000	4.13138	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	2.00000	99.30000	4.76471	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	2.00000	99.30000	5.03324	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	2.00000	99.30000	5.16723	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	2.00000	99.30000	5.25798	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	2.00000	99.30000	5.33213	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	2.00000	99.30000	5.36189	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	2.00000	99.30000	5.18385	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	2.00000	99.30000	4.61397	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	2.00000	99.30000	4.13336	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-8.00000	2.00000	99.30000	3.85794	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	2.00000	99.30000	3.64843	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	2.00000	99.30000	3.42467	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	2.00000	99.30000	3.12661	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	2.00000	99.30000	2.71857	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	2.00000	99.30000	2.24998	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	2.00000	99.30000	1.82332	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	2.00000	99.30000	1.48137	99.150	0.0	0.0	0.0
1	PDISP	0.00000	2.00000	99.30000	1.21709	99.150	0.0	0.0	0.0
1	PDISP	1.00000	2.00000	99.30000	1.01286	99.150	0.0	0.0	0.0
1	PDISP	2.00000	2.00000	99.30000	0.85326	99.150	0.0	0.0	0.0
1	PDISP	3.00000	2.00000	99.30000	0.72677	99.150	0.0	0.0	0.0
1	PDISP	4.00000	2.00000	99.30000	0.62506	99.150	0.0	0.0	0.0
1	PDISP	5.00000	2.00000	99.30000	0.54215	99.150	0.0	0.0	0.0
1	PDISP	6.00000	2.00000	99.30000	0.47373	99.150	0.0	0.0	0.0
1	PDISP	7.00000	2.00000	99.30000	0.41663	99.150	0.0	0.0	0.0
1	PDISP	8.00000	2.00000	99.30000	0.36849	99.150	0.0	0.0	0.0
1	PDISP	9.00000	2.00000	99.30000	0.32754	99.150	0.0	0.0	0.0
1	PDISP	10.00000	2.00000	99.30000	0.29241	99.150	0.0	0.0	0.0
1	PDISP	11.00000	2.00000	99.30000	0.26207	99.150	0.0	0.0	0.0
1	PDISP	12.00000	2.00000	99.30000	0.23568	99.150	0.0	0.0	0.0
1	PDISP	13.00000	2.00000	99.30000	0.21260	99.150	0.0	0.0	0.0
1	PDISP	14.00000	2.00000	99.30000	0.19229	99.150	0.0	0.0	0.0
1	PDISP	15.00000	2.00000	99.30000	0.17434	99.150	0.0	0.0	0.0
1	PDISP	16.00000	2.00000	99.30000	0.15841	99.150	0.0	0.0	0.0
1	PDISP	17.00000	2.00000	99.30000	0.14420	99.150	0.0	0.0	0.0
1	PDISP	18.00000	2.00000	99.30000	0.13148	99.150	0.0	0.0	0.0
1	PDISP	19.00000	2.00000	99.30000	0.12007	99.150	0.0	0.0	0.0
1	PDISP	20.00000	2.00000	99.30000	0.10978	99.150	0.0	0.0	0.0
1	PDISP	21.00000	2.00000	99.30000	0.10049	99.150	0.0	0.0	0.0
1	PDISP	22.00000	2.00000	99.30000	0.09207	99.150	0.0	0.0	0.0
1	PDISP	23.00000	2.00000	99.30000	0.08443	99.150	0.0	0.0	0.0
1	PDISP	24.00000	2.00000	99.30000	0.07747	99.150	0.0	0.0	0.0
1	PDISP	25.00000	2.00000	99.30000	0.07112	99.150	0.0	0.0	0.0
1	PDISP	26.00000	2.00000	99.30000	0.06532	99.150	0.0	0.0	0.0
1	PDISP	27.00000	2.00000	99.30000	0.06001	99.150	0.0	0.0	0.0
1	PDISP	28.00000	2.00000	99.30000	0.05514	99.150	0.0	0.0	0.0
1	PDISP	29.00000	2.00000	99.30000	0.05067	99.150	0.0	0.0	0.0
1	PDISP	30.00000	2.00000	99.30000	0.04655	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	3.00000	99.30000	0.09321	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	3.00000	99.30000	0.10173	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	3.00000	99.30000	0.11113	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	3.00000	99.30000	0.12154	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	3.00000	99.30000	0.13309	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	3.00000	99.30000	0.14594	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	3.00000	99.30000	0.16030	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	3.00000	99.30000	0.17640	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	3.00000	99.30000	0.19451	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	3.00000	99.30000	0.21498	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	3.00000	99.30000	0.23822	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	3.00000	99.30000	0.26475	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	3.00000	99.30000	0.29519	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	3.00000	99.30000	0.33035	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	3.00000	99.30000	0.37123	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	3.00000	99.30000	0.41915	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	3.00000	99.30000	0.47581	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	3.00000	99.30000	0.54352	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	3.00000	99.30000	0.62547	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	3.00000	99.30000	0.72617	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	3.00000	99.30000	0.85237	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	3.00000	99.30000	1.01455	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	3.00000	99.30000	1.23007	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	3.00000	99.30000	1.52976	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	3.00000	99.30000	1.97441	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	3.00000	99.30000	2.70680	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	3.00000	99.30000	4.23903	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	3.00000	99.30000	8.94155	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	3.00000	99.30000	9.90994	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	3.00000	99.30000	9.99705	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	3.00000	99.30000	10.04512	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	3.00000	99.30000	10.11431	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-13.00000	3.00000	99.30000	10.24253	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	3.00000	99.30000	10.48438	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	3.00000	99.30000	10.47894	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	3.00000	99.30000	6.95666	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	3.00000	99.30000	5.79907	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	3.00000	99.30000	5.46348	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	3.00000	99.30000	5.24819	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	3.00000	99.30000	5.01606	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	3.00000	99.30000	4.63375	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	3.00000	99.30000	3.88650	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	3.00000	99.30000	2.90455	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	3.00000	99.30000	2.17296	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	3.00000	99.30000	1.68146	99.150	0.0	0.0	0.0
1	PDISP	0.00000	3.00000	99.30000	1.33929	99.150	0.0	0.0	0.0
1	PDISP	1.00000	3.00000	99.30000	1.09156	99.150	0.0	0.0	0.0
1	PDISP	2.00000	3.00000	99.30000	0.90621	99.150	0.0	0.0	0.0
1	PDISP	3.00000	3.00000	99.30000	0.76371	99.150	0.0	0.0	0.0
1	PDISP	4.00000	3.00000	99.30000	0.65163	99.150	0.0	0.0	0.0
1	PDISP	5.00000	3.00000	99.30000	0.56178	99.150	0.0	0.0	0.0
1	PDISP	6.00000	3.00000	99.30000	0.48856	99.150	0.0	0.0	0.0
1	PDISP	7.00000	3.00000	99.30000	0.42805	99.150	0.0	0.0	0.0
1	PDISP	8.00000	3.00000	99.30000	0.37743	99.150	0.0	0.0	0.0
1	PDISP	9.00000	3.00000	99.30000	0.33465	99.150	0.0	0.0	0.0
1	PDISP	10.00000	3.00000	99.30000	0.29814	99.150	0.0	0.0	0.0
1	PDISP	11.00000	3.00000	99.30000	0.26674	99.150	0.0	0.0	0.0
1	PDISP	12.00000	3.00000	99.30000	0.23952	99.150	0.0	0.0	0.0
1	PDISP	13.00000	3.00000	99.30000	0.21579	99.150	0.0	0.0	0.0
1	PDISP	14.00000	3.00000	99.30000	0.19497	99.150	0.0	0.0	0.0
1	PDISP	15.00000	3.00000	99.30000	0.17660	99.150	0.0	0.0	0.0
1	PDISP	16.00000	3.00000	99.30000	0.16032	99.150	0.0	0.0	0.0
1	PDISP	17.00000	3.00000	99.30000	0.14584	99.150	0.0	0.0	0.0
1	PDISP	18.00000	3.00000	99.30000	0.13289	99.150	0.0	0.0	0.0
1	PDISP	19.00000	3.00000	99.30000	0.12129	99.150	0.0	0.0	0.0
1	PDISP	20.00000	3.00000	99.30000	0.11084	99.150	0.0	0.0	0.0
1	PDISP	21.00000	3.00000	99.30000	0.10141	99.150	0.0	0.0	0.0
1	PDISP	22.00000	3.00000	99.30000	0.09288	99.150	0.0	0.0	0.0
1	PDISP	23.00000	3.00000	99.30000	0.08514	99.150	0.0	0.0	0.0
1	PDISP	24.00000	3.00000	99.30000	0.07810	99.150	0.0	0.0	0.0
1	PDISP	25.00000	3.00000	99.30000	0.07168	99.150	0.0	0.0	0.0
1	PDISP	26.00000	3.00000	99.30000	0.06582	99.150	0.0	0.0	0.0
1	PDISP	27.00000	3.00000	99.30000	0.06045	99.150	0.0	0.0	0.0
1	PDISP	28.00000	3.00000	99.30000	0.05553	99.150	0.0	0.0	0.0
1	PDISP	29.00000	3.00000	99.30000	0.05102	99.150	0.0	0.0	0.0
1	PDISP	30.00000	3.00000	99.30000	0.04686	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	4.00000	99.30000	0.09392	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	4.00000	99.30000	0.10254	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	4.00000	99.30000	0.11206	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	4.00000	99.30000	0.12261	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	4.00000	99.30000	0.13433	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	4.00000	99.30000	0.14740	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	4.00000	99.30000	0.16201	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	4.00000	99.30000	0.17841	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	4.00000	99.30000	0.19690	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	4.00000	99.30000	0.21783	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	4.00000	99.30000	0.24165	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	4.00000	99.30000	0.26890	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	4.00000	99.30000	0.30026	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	4.00000	99.30000	0.33658	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	4.00000	99.30000	0.37895	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	4.00000	99.30000	0.42880	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	4.00000	99.30000	0.48799	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	4.00000	99.30000	0.55902	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	4.00000	99.30000	0.64538	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	4.00000	99.30000	0.75205	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	4.00000	99.30000	0.88652	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	4.00000	99.30000	1.06067	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	4.00000	99.30000	1.29470	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	4.00000	99.30000	1.62586	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	4.00000	99.30000	2.13101	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	4.00000	99.30000	2.99883	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	4.00000	99.30000	4.89658	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-18.00000	4.00000	99.30000	10.15916	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	4.00000	99.30000	7.52187	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	4.00000	99.30000	6.65382	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	4.00000	99.30000	6.52693	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	4.00000	99.30000	6.51123	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	4.00000	99.30000	6.65529	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	4.00000	99.30000	7.42223	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	4.00000	99.30000	11.44775	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	4.00000	99.30000	11.03443	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	4.00000	99.30000	10.47276	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	4.00000	99.30000	10.23409	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	4.00000	99.30000	10.07532	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	4.00000	99.30000	9.93308	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	4.00000	99.30000	9.66173	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	4.00000	99.30000	7.97140	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	4.00000	99.30000	3.78400	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	4.00000	99.30000	2.53113	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	4.00000	99.30000	1.86332	99.150	0.0	0.0	0.0
1	PDISP	0.00000	4.00000	99.30000	1.44263	99.150	0.0	0.0	0.0
1	PDISP	1.00000	4.00000	99.30000	1.15493	99.150	0.0	0.0	0.0
1	PDISP	2.00000	4.00000	99.30000	0.94737	99.150	0.0	0.0	0.0
1	PDISP	3.00000	4.00000	99.30000	0.79170	99.150	0.0	0.0	0.0
1	PDISP	4.00000	4.00000	99.30000	0.67138	99.150	0.0	0.0	0.0
1	PDISP	5.00000	4.00000	99.30000	0.57615	99.150	0.0	0.0	0.0
1	PDISP	6.00000	4.00000	99.30000	0.49929	99.150	0.0	0.0	0.0
1	PDISP	7.00000	4.00000	99.30000	0.43624	99.150	0.0	0.0	0.0
1	PDISP	8.00000	4.00000	99.30000	0.38380	99.150	0.0	0.0	0.0
1	PDISP	9.00000	4.00000	99.30000	0.33968	99.150	0.0	0.0	0.0
1	PDISP	10.00000	4.00000	99.30000	0.30217	99.150	0.0	0.0	0.0
1	PDISP	11.00000	4.00000	99.30000	0.27001	99.150	0.0	0.0	0.0
1	PDISP	12.00000	4.00000	99.30000	0.24221	99.150	0.0	0.0	0.0
1	PDISP	13.00000	4.00000	99.30000	0.21801	99.150	0.0	0.0	0.0
1	PDISP	14.00000	4.00000	99.30000	0.19682	99.150	0.0	0.0	0.0
1	PDISP	15.00000	4.00000	99.30000	0.17817	99.150	0.0	0.0	0.0
1	PDISP	16.00000	4.00000	99.30000	0.16165	99.150	0.0	0.0	0.0
1	PDISP	17.00000	4.00000	99.30000	0.14697	99.150	0.0	0.0	0.0
1	PDISP	18.00000	4.00000	99.30000	0.13387	99.150	0.0	0.0	0.0
1	PDISP	19.00000	4.00000	99.30000	0.12213	99.150	0.0	0.0	0.0
1	PDISP	20.00000	4.00000	99.30000	0.11157	99.150	0.0	0.0	0.0
1	PDISP	21.00000	4.00000	99.30000	0.10205	99.150	0.0	0.0	0.0
1	PDISP	22.00000	4.00000	99.30000	0.09344	99.150	0.0	0.0	0.0
1	PDISP	23.00000	4.00000	99.30000	0.08563	99.150	0.0	0.0	0.0
1	PDISP	24.00000	4.00000	99.30000	0.07853	99.150	0.0	0.0	0.0
1	PDISP	25.00000	4.00000	99.30000	0.07206	99.150	0.0	0.0	0.0
1	PDISP	26.00000	4.00000	99.30000	0.06615	99.150	0.0	0.0	0.0
1	PDISP	27.00000	4.00000	99.30000	0.06075	99.150	0.0	0.0	0.0
1	PDISP	28.00000	4.00000	99.30000	0.05580	99.150	0.0	0.0	0.0
1	PDISP	29.00000	4.00000	99.30000	0.05126	99.150	0.0	0.0	0.0
1	PDISP	30.00000	4.00000	99.30000	0.04708	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	5.00000	99.30000	0.09438	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	5.00000	99.30000	0.10307	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	5.00000	99.30000	0.11267	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	5.00000	99.30000	0.12332	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	5.00000	99.30000	0.13516	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	5.00000	99.30000	0.14837	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	5.00000	99.30000	0.16316	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	5.00000	99.30000	0.17977	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	5.00000	99.30000	0.19853	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	5.00000	99.30000	0.21980	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	5.00000	99.30000	0.24404	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	5.00000	99.30000	0.27182	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	5.00000	99.30000	0.30386	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	5.00000	99.30000	0.34106	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	5.00000	99.30000	0.38459	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	5.00000	99.30000	0.43593	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	5.00000	99.30000	0.49708	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	5.00000	99.30000	0.57069	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	5.00000	99.30000	0.66043	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	5.00000	99.30000	0.77149	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	5.00000	99.30000	0.91160	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	5.00000	99.30000	1.09298	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-23.00000	5.00000	99.30000	1.33638	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	5.00000	99.30000	1.68029	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	5.00000	99.30000	2.20378	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	5.00000	99.30000	3.09528	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	5.00000	99.30000	4.99373	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	5.00000	99.30000	10.06660	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	5.00000	99.30000	6.33515	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	5.00000	99.30000	5.16109	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	5.00000	99.30000	4.97043	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	5.00000	99.30000	4.61686	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	5.00000	99.30000	4.46586	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	5.00000	99.30000	5.05080	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	5.00000	99.30000	7.32740	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	5.00000	99.30000	7.93692	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	5.00000	99.30000	7.92074	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	5.00000	99.30000	7.82632	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	5.00000	99.30000	7.75630	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	5.00000	99.30000	7.82900	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	5.00000	99.30000	9.06398	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	5.00000	99.30000	9.60615	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	5.00000	99.30000	4.37461	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	5.00000	99.30000	2.77615	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	5.00000	99.30000	1.98243	99.150	0.0	0.0	0.0
1	PDISP	0.00000	5.00000	99.30000	1.50741	99.150	0.0	0.0	0.0
1	PDISP	1.00000	5.00000	99.30000	1.19328	99.150	0.0	0.0	0.0
1	PDISP	2.00000	5.00000	99.30000	0.97163	99.150	0.0	0.0	0.0
1	PDISP	3.00000	5.00000	99.30000	0.80786	99.150	0.0	0.0	0.0
1	PDISP	4.00000	5.00000	99.30000	0.68261	99.150	0.0	0.0	0.0
1	PDISP	5.00000	5.00000	99.30000	0.58422	99.150	0.0	0.0	0.0
1	PDISP	6.00000	5.00000	99.30000	0.50525	99.150	0.0	0.0	0.0
1	PDISP	7.00000	5.00000	99.30000	0.44075	99.150	0.0	0.0	0.0
1	PDISP	8.00000	5.00000	99.30000	0.38729	99.150	0.0	0.0	0.0
1	PDISP	9.00000	5.00000	99.30000	0.34242	99.150	0.0	0.0	0.0
1	PDISP	10.00000	5.00000	99.30000	0.30436	99.150	0.0	0.0	0.0
1	PDISP	11.00000	5.00000	99.30000	0.27178	99.150	0.0	0.0	0.0
1	PDISP	12.00000	5.00000	99.30000	0.24366	99.150	0.0	0.0	0.0
1	PDISP	13.00000	5.00000	99.30000	0.21921	99.150	0.0	0.0	0.0
1	PDISP	14.00000	5.00000	99.30000	0.19782	99.150	0.0	0.0	0.0
1	PDISP	15.00000	5.00000	99.30000	0.17901	99.150	0.0	0.0	0.0
1	PDISP	16.00000	5.00000	99.30000	0.16236	99.150	0.0	0.0	0.0
1	PDISP	17.00000	5.00000	99.30000	0.14758	99.150	0.0	0.0	0.0
1	PDISP	18.00000	5.00000	99.30000	0.13439	99.150	0.0	0.0	0.0
1	PDISP	19.00000	5.00000	99.30000	0.12258	99.150	0.0	0.0	0.0
1	PDISP	20.00000	5.00000	99.30000	0.11196	99.150	0.0	0.0	0.0
1	PDISP	21.00000	5.00000	99.30000	0.10239	99.150	0.0	0.0	0.0
1	PDISP	22.00000	5.00000	99.30000	0.09373	99.150	0.0	0.0	0.0
1	PDISP	23.00000	5.00000	99.30000	0.08589	99.150	0.0	0.0	0.0
1	PDISP	24.00000	5.00000	99.30000	0.07876	99.150	0.0	0.0	0.0
1	PDISP	25.00000	5.00000	99.30000	0.07226	99.150	0.0	0.0	0.0
1	PDISP	26.00000	5.00000	99.30000	0.06633	99.150	0.0	0.0	0.0
1	PDISP	27.00000	5.00000	99.30000	0.06091	99.150	0.0	0.0	0.0
1	PDISP	28.00000	5.00000	99.30000	0.05594	99.150	0.0	0.0	0.0
1	PDISP	29.00000	5.00000	99.30000	0.05138	99.150	0.0	0.0	0.0
1	PDISP	30.00000	5.00000	99.30000	0.04719	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	6.00000	99.30000	0.09458	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	6.00000	99.30000	0.10331	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	6.00000	99.30000	0.11295	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	6.00000	99.30000	0.12365	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	6.00000	99.30000	0.13556	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	6.00000	99.30000	0.14884	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	6.00000	99.30000	0.16372	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	6.00000	99.30000	0.18046	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	6.00000	99.30000	0.19937	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	6.00000	99.30000	0.22084	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	6.00000	99.30000	0.24533	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	6.00000	99.30000	0.27345	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	6.00000	99.30000	0.30592	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	6.00000	99.30000	0.34370	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	6.00000	99.30000	0.38800	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	6.00000	99.30000	0.44039	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	6.00000	99.30000	0.50294	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-28.00000	6.00000	99.30000	0.57844	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	6.00000	99.30000	0.67065	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	6.00000	99.30000	0.78486	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	6.00000	99.30000	0.92866	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	6.00000	99.30000	1.11372	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	6.00000	99.30000	1.35942	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	6.00000	99.30000	1.70155	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	6.00000	99.30000	2.21453	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	6.00000	99.30000	3.07629	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	6.00000	99.30000	4.84449	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	6.00000	99.30000	9.52214	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	6.00000	99.30000	9.45698	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	6.00000	99.30000	9.44019	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	6.00000	99.30000	9.79853	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	6.00000	99.30000	6.65429	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	6.00000	99.30000	5.29669	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	6.00000	99.30000	5.38724	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	6.00000	99.30000	5.74113	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	6.00000	99.30000	5.97253	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	6.00000	99.30000	6.02083	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	6.00000	99.30000	5.98925	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	6.00000	99.30000	5.96319	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	6.00000	99.30000	6.12021	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	6.00000	99.30000	8.01977	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	6.00000	99.30000	9.69960	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	6.00000	99.30000	4.47079	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	6.00000	99.30000	2.82246	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	6.00000	99.30000	2.00455	99.150	0.0	0.0	0.0
1	PDISP	0.00000	6.00000	99.30000	1.51887	99.150	0.0	0.0	0.0
1	PDISP	1.00000	6.00000	99.30000	1.19972	99.150	0.0	0.0	0.0
1	PDISP	2.00000	6.00000	99.30000	0.97550	99.150	0.0	0.0	0.0
1	PDISP	3.00000	6.00000	99.30000	0.81032	99.150	0.0	0.0	0.0
1	PDISP	4.00000	6.00000	99.30000	0.68425	99.150	0.0	0.0	0.0
1	PDISP	5.00000	6.00000	99.30000	0.58535	99.150	0.0	0.0	0.0
1	PDISP	6.00000	6.00000	99.30000	0.50606	99.150	0.0	0.0	0.0
1	PDISP	7.00000	6.00000	99.30000	0.44134	99.150	0.0	0.0	0.0
1	PDISP	8.00000	6.00000	99.30000	0.38773	99.150	0.0	0.0	0.0
1	PDISP	9.00000	6.00000	99.30000	0.34276	99.150	0.0	0.0	0.0
1	PDISP	10.00000	6.00000	99.30000	0.30463	99.150	0.0	0.0	0.0
1	PDISP	11.00000	6.00000	99.30000	0.27199	99.150	0.0	0.0	0.0
1	PDISP	12.00000	6.00000	99.30000	0.24383	99.150	0.0	0.0	0.0
1	PDISP	13.00000	6.00000	99.30000	0.21935	99.150	0.0	0.0	0.0
1	PDISP	14.00000	6.00000	99.30000	0.19794	99.150	0.0	0.0	0.0
1	PDISP	15.00000	6.00000	99.30000	0.17910	99.150	0.0	0.0	0.0
1	PDISP	16.00000	6.00000	99.30000	0.16244	99.150	0.0	0.0	0.0
1	PDISP	17.00000	6.00000	99.30000	0.14765	99.150	0.0	0.0	0.0
1	PDISP	18.00000	6.00000	99.30000	0.13445	99.150	0.0	0.0	0.0
1	PDISP	19.00000	6.00000	99.30000	0.12263	99.150	0.0	0.0	0.0
1	PDISP	20.00000	6.00000	99.30000	0.11200	99.150	0.0	0.0	0.0
1	PDISP	21.00000	6.00000	99.30000	0.10243	99.150	0.0	0.0	0.0
1	PDISP	22.00000	6.00000	99.30000	0.09377	99.150	0.0	0.0	0.0
1	PDISP	23.00000	6.00000	99.30000	0.08592	99.150	0.0	0.0	0.0
1	PDISP	24.00000	6.00000	99.30000	0.07878	99.150	0.0	0.0	0.0
1	PDISP	25.00000	6.00000	99.30000	0.07229	99.150	0.0	0.0	0.0
1	PDISP	26.00000	6.00000	99.30000	0.06635	99.150	0.0	0.0	0.0
1	PDISP	27.00000	6.00000	99.30000	0.06093	99.150	0.0	0.0	0.0
1	PDISP	28.00000	6.00000	99.30000	0.05596	99.150	0.0	0.0	0.0
1	PDISP	29.00000	6.00000	99.30000	0.05140	99.150	0.0	0.0	0.0
1	PDISP	30.00000	6.00000	99.30000	0.04721	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	7.00000	99.30000	0.09453	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	7.00000	99.30000	0.10325	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	7.00000	99.30000	0.11290	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	7.00000	99.30000	0.12360	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	7.00000	99.30000	0.13551	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	7.00000	99.30000	0.14880	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	7.00000	99.30000	0.16370	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	7.00000	99.30000	0.18046	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	7.00000	99.30000	0.19940	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	7.00000	99.30000	0.22092	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	7.00000	99.30000	0.24549	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	7.00000	99.30000	0.27372	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-33.00000	7.00000	99.30000	0.30637	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	7.00000	99.30000	0.34441	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	7.00000	99.30000	0.38910	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	7.00000	99.30000	0.44207	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	7.00000	99.30000	0.50550	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	7.00000	99.30000	0.58230	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	7.00000	99.30000	0.67641	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	7.00000	99.30000	0.79327	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	7.00000	99.30000	0.94046	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	7.00000	99.30000	1.12900	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	7.00000	99.30000	1.37649	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	7.00000	99.30000	1.71596	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	7.00000	99.30000	2.22368	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	7.00000	99.30000	3.19849	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	7.00000	99.30000	5.67488	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	7.00000	99.30000	3.50616	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	7.00000	99.30000	3.03379	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	7.00000	99.30000	4.17467	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	7.00000	99.30000	9.70913	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	7.00000	99.30000	10.72596	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	7.00000	99.30000	10.46485	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	7.00000	99.30000	10.47492	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	7.00000	99.30000	10.57997	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	7.00000	99.30000	10.66438	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	7.00000	99.30000	10.68572	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	7.00000	99.30000	10.65649	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	7.00000	99.30000	10.60732	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	7.00000	99.30000	10.59308	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	7.00000	99.30000	10.71276	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	7.00000	99.30000	9.16131	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	7.00000	99.30000	4.11571	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	7.00000	99.30000	2.65827	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	7.00000	99.30000	1.92292	99.150	0.0	0.0	0.0
1	PDISP	0.00000	7.00000	99.30000	1.47399	99.150	0.0	0.0	0.0
1	PDISP	1.00000	7.00000	99.30000	1.17286	99.150	0.0	0.0	0.0
1	PDISP	2.00000	7.00000	99.30000	0.95831	99.150	0.0	0.0	0.0
1	PDISP	3.00000	7.00000	99.30000	0.79872	99.150	0.0	0.0	0.0
1	PDISP	4.00000	7.00000	99.30000	0.67610	99.150	0.0	0.0	0.0
1	PDISP	5.00000	7.00000	99.30000	0.57943	99.150	0.0	0.0	0.0
1	PDISP	6.00000	7.00000	99.30000	0.50164	99.150	0.0	0.0	0.0
1	PDISP	7.00000	7.00000	99.30000	0.43796	99.150	0.0	0.0	0.0
1	PDISP	8.00000	7.00000	99.30000	0.38510	99.150	0.0	0.0	0.0
1	PDISP	9.00000	7.00000	99.30000	0.34068	99.150	0.0	0.0	0.0
1	PDISP	10.00000	7.00000	99.30000	0.30296	99.150	0.0	0.0	0.0
1	PDISP	11.00000	7.00000	99.30000	0.27063	99.150	0.0	0.0	0.0
1	PDISP	12.00000	7.00000	99.30000	0.24271	99.150	0.0	0.0	0.0
1	PDISP	13.00000	7.00000	99.30000	0.21842	99.150	0.0	0.0	0.0
1	PDISP	14.00000	7.00000	99.30000	0.19716	99.150	0.0	0.0	0.0
1	PDISP	15.00000	7.00000	99.30000	0.17845	99.150	0.0	0.0	0.0
1	PDISP	16.00000	7.00000	99.30000	0.16189	99.150	0.0	0.0	0.0
1	PDISP	17.00000	7.00000	99.30000	0.14717	99.150	0.0	0.0	0.0
1	PDISP	18.00000	7.00000	99.30000	0.13404	99.150	0.0	0.0	0.0
1	PDISP	19.00000	7.00000	99.30000	0.12227	99.150	0.0	0.0	0.0
1	PDISP	20.00000	7.00000	99.30000	0.11170	99.150	0.0	0.0	0.0
1	PDISP	21.00000	7.00000	99.30000	0.10216	99.150	0.0	0.0	0.0
1	PDISP	22.00000	7.00000	99.30000	0.09354	99.150	0.0	0.0	0.0
1	PDISP	23.00000	7.00000	99.30000	0.08571	99.150	0.0	0.0	0.0
1	PDISP	24.00000	7.00000	99.30000	0.07860	99.150	0.0	0.0	0.0
1	PDISP	25.00000	7.00000	99.30000	0.07213	99.150	0.0	0.0	0.0
1	PDISP	26.00000	7.00000	99.30000	0.06621	99.150	0.0	0.0	0.0
1	PDISP	27.00000	7.00000	99.30000	0.06080	99.150	0.0	0.0	0.0
1	PDISP	28.00000	7.00000	99.30000	0.05585	99.150	0.0	0.0	0.0
1	PDISP	29.00000	7.00000	99.30000	0.05130	99.150	0.0	0.0	0.0
1	PDISP	30.00000	7.00000	99.30000	0.04712	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	8.00000	99.30000	0.09421	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	8.00000	99.30000	0.10290	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	8.00000	99.30000	0.11251	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	8.00000	99.30000	0.12316	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	8.00000	99.30000	0.13502	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	8.00000	99.30000	0.14825	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	8.00000	99.30000	0.16307	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-38.00000	8.00000	99.30000	0.17976	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	8.00000	99.30000	0.19861	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	8.00000	99.30000	0.22003	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	8.00000	99.30000	0.24450	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	8.00000	99.30000	0.27263	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	8.00000	99.30000	0.30518	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	8.00000	99.30000	0.34315	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	8.00000	99.30000	0.38782	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	8.00000	99.30000	0.44091	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	8.00000	99.30000	0.50469	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	8.00000	99.30000	0.58229	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	8.00000	99.30000	0.67803	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	8.00000	99.30000	0.79795	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	8.00000	99.30000	0.95051	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	8.00000	99.30000	1.14772	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	8.00000	99.30000	1.40791	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	8.00000	99.30000	1.76806	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	8.00000	99.30000	2.35935	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	8.00000	99.30000	4.12086	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	8.00000	99.30000	3.17175	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	8.00000	99.30000	-1.20919	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	8.00000	99.30000	-1.24489	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	8.00000	99.30000	0.72790	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	8.00000	99.30000	6.78025	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	8.00000	99.30000	6.69078	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	8.00000	99.30000	6.66137	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	8.00000	99.30000	6.68190	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	8.00000	99.30000	6.72386	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	8.00000	99.30000	6.75259	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	8.00000	99.30000	6.74740	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	8.00000	99.30000	6.70284	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	8.00000	99.30000	6.61632	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	8.00000	99.30000	6.46357	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	8.00000	99.30000	6.10718	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	8.00000	99.30000	5.02621	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	8.00000	99.30000	3.28405	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	8.00000	99.30000	2.33058	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	8.00000	99.30000	1.76014	99.150	0.0	0.0	0.0
1	PDISP	0.00000	8.00000	99.30000	1.38282	99.150	0.0	0.0	0.0
1	PDISP	1.00000	8.00000	99.30000	1.11742	99.150	0.0	0.0	0.0
1	PDISP	2.00000	8.00000	99.30000	0.92244	99.150	0.0	0.0	0.0
1	PDISP	3.00000	8.00000	99.30000	0.77436	99.150	0.0	0.0	0.0
1	PDISP	4.00000	8.00000	99.30000	0.65890	99.150	0.0	0.0	0.0
1	PDISP	5.00000	8.00000	99.30000	0.56690	99.150	0.0	0.0	0.0
1	PDISP	6.00000	8.00000	99.30000	0.49226	99.150	0.0	0.0	0.0
1	PDISP	7.00000	8.00000	99.30000	0.43080	99.150	0.0	0.0	0.0
1	PDISP	8.00000	8.00000	99.30000	0.37952	99.150	0.0	0.0	0.0
1	PDISP	9.00000	8.00000	99.30000	0.33626	99.150	0.0	0.0	0.0
1	PDISP	10.00000	8.00000	99.30000	0.29941	99.150	0.0	0.0	0.0
1	PDISP	11.00000	8.00000	99.30000	0.26775	99.150	0.0	0.0	0.0
1	PDISP	12.00000	8.00000	99.30000	0.24034	99.150	0.0	0.0	0.0
1	PDISP	13.00000	8.00000	99.30000	0.21646	99.150	0.0	0.0	0.0
1	PDISP	14.00000	8.00000	99.30000	0.19552	99.150	0.0	0.0	0.0
1	PDISP	15.00000	8.00000	99.30000	0.17706	99.150	0.0	0.0	0.0
1	PDISP	16.00000	8.00000	99.30000	0.16071	99.150	0.0	0.0	0.0
1	PDISP	17.00000	8.00000	99.30000	0.14617	99.150	0.0	0.0	0.0
1	PDISP	18.00000	8.00000	99.30000	0.13318	99.150	0.0	0.0	0.0
1	PDISP	19.00000	8.00000	99.30000	0.12153	99.150	0.0	0.0	0.0
1	PDISP	20.00000	8.00000	99.30000	0.11105	99.150	0.0	0.0	0.0
1	PDISP	21.00000	8.00000	99.30000	0.10160	99.150	0.0	0.0	0.0
1	PDISP	22.00000	8.00000	99.30000	0.09304	99.150	0.0	0.0	0.0
1	PDISP	23.00000	8.00000	99.30000	0.08528	99.150	0.0	0.0	0.0
1	PDISP	24.00000	8.00000	99.30000	0.07822	99.150	0.0	0.0	0.0
1	PDISP	25.00000	8.00000	99.30000	0.07179	99.150	0.0	0.0	0.0
1	PDISP	26.00000	8.00000	99.30000	0.06591	99.150	0.0	0.0	0.0
1	PDISP	27.00000	8.00000	99.30000	0.06054	99.150	0.0	0.0	0.0
1	PDISP	28.00000	8.00000	99.30000	0.05561	99.150	0.0	0.0	0.0
1	PDISP	29.00000	8.00000	99.30000	0.05109	99.150	0.0	0.0	0.0
1	PDISP	30.00000	8.00000	99.30000	0.04693	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	9.00000	99.30000	0.09365	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	9.00000	99.30000	0.10226	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-43.00000	9.00000	99.30000	0.11179	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	9.00000	99.30000	0.12234	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	9.00000	99.30000	0.13408	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	9.00000	99.30000	0.14718	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	9.00000	99.30000	0.16186	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	9.00000	99.30000	0.17836	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	9.00000	99.30000	0.19701	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	9.00000	99.30000	0.21819	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	9.00000	99.30000	0.24237	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	9.00000	99.30000	0.27017	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	9.00000	99.30000	0.30234	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	9.00000	99.30000	0.33990	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	9.00000	99.30000	0.38413	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	9.00000	99.30000	0.43682	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	9.00000	99.30000	0.50038	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	9.00000	99.30000	0.57823	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	9.00000	99.30000	0.67534	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	9.00000	99.30000	0.79917	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	9.00000	99.30000	0.96113	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	9.00000	99.30000	1.17889	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	9.00000	99.30000	1.48143	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	9.00000	99.30000	1.92834	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	9.00000	99.30000	2.71778	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	9.00000	99.30000	4.16418	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	9.00000	99.30000	-1.36482	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	9.00000	99.30000	-2.88159	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	9.00000	99.30000	-2.06650	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	9.00000	99.30000	2.06520	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	9.00000	99.30000	6.56820	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	9.00000	99.30000	4.54341	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	9.00000	99.30000	4.26803	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	9.00000	99.30000	4.25928	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	9.00000	99.30000	4.27498	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	9.00000	99.30000	4.27926	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	9.00000	99.30000	4.25806	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	9.00000	99.30000	4.20264	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	9.00000	99.30000	4.10168	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	9.00000	99.30000	3.92830	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	9.00000	99.30000	3.62241	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	9.00000	99.30000	3.11570	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	9.00000	99.30000	2.49463	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	9.00000	99.30000	1.95995	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	9.00000	99.30000	1.55962	99.150	0.0	0.0	0.0
1	PDISP	0.00000	9.00000	99.30000	1.26406	99.150	0.0	0.0	0.0
1	PDISP	1.00000	9.00000	99.30000	1.04235	99.150	0.0	0.0	0.0
1	PDISP	2.00000	9.00000	99.30000	0.87253	99.150	0.0	0.0	0.0
1	PDISP	3.00000	9.00000	99.30000	0.73980	99.150	0.0	0.0	0.0
1	PDISP	4.00000	9.00000	99.30000	0.63415	99.150	0.0	0.0	0.0
1	PDISP	5.00000	9.00000	99.30000	0.54867	99.150	0.0	0.0	0.0
1	PDISP	6.00000	9.00000	99.30000	0.47852	99.150	0.0	0.0	0.0
1	PDISP	7.00000	9.00000	99.30000	0.42023	99.150	0.0	0.0	0.0
1	PDISP	8.00000	9.00000	99.30000	0.37124	99.150	0.0	0.0	0.0
1	PDISP	9.00000	9.00000	99.30000	0.32968	99.150	0.0	0.0	0.0
1	PDISP	10.00000	9.00000	99.30000	0.29411	99.150	0.0	0.0	0.0
1	PDISP	11.00000	9.00000	99.30000	0.26343	99.150	0.0	0.0	0.0
1	PDISP	12.00000	9.00000	99.30000	0.23679	99.150	0.0	0.0	0.0
1	PDISP	13.00000	9.00000	99.30000	0.21350	99.150	0.0	0.0	0.0
1	PDISP	14.00000	9.00000	99.30000	0.19304	99.150	0.0	0.0	0.0
1	PDISP	15.00000	9.00000	99.30000	0.17497	99.150	0.0	0.0	0.0
1	PDISP	16.00000	9.00000	99.30000	0.15894	99.150	0.0	0.0	0.0
1	PDISP	17.00000	9.00000	99.30000	0.14465	99.150	0.0	0.0	0.0
1	PDISP	18.00000	9.00000	99.30000	0.13187	99.150	0.0	0.0	0.0
1	PDISP	19.00000	9.00000	99.30000	0.12040	99.150	0.0	0.0	0.0
1	PDISP	20.00000	9.00000	99.30000	0.11007	99.150	0.0	0.0	0.0
1	PDISP	21.00000	9.00000	99.30000	0.10074	99.150	0.0	0.0	0.0
1	PDISP	22.00000	9.00000	99.30000	0.09229	99.150	0.0	0.0	0.0
1	PDISP	23.00000	9.00000	99.30000	0.08462	99.150	0.0	0.0	0.0
1	PDISP	24.00000	9.00000	99.30000	0.07764	99.150	0.0	0.0	0.0
1	PDISP	25.00000	9.00000	99.30000	0.07128	99.150	0.0	0.0	0.0
1	PDISP	26.00000	9.00000	99.30000	0.06546	99.150	0.0	0.0	0.0
1	PDISP	27.00000	9.00000	99.30000	0.06013	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	28.00000	9.00000	99.30000	0.05525	99.150	0.0	0.0	0.0
1	PDISP	29.00000	9.00000	99.30000	0.05076	99.150	0.0	0.0	0.0
1	PDISP	30.00000	9.00000	99.30000	0.04664	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	10.00000	99.30000	0.09283	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	10.00000	99.30000	0.10134	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	10.00000	99.30000	0.11074	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	10.00000	99.30000	0.12115	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	10.00000	99.30000	0.13272	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	10.00000	99.30000	0.14562	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	10.00000	99.30000	0.16006	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	10.00000	99.30000	0.17629	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	10.00000	99.30000	0.19461	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	10.00000	99.30000	0.21540	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	10.00000	99.30000	0.23912	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	10.00000	99.30000	0.26637	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	10.00000	99.30000	0.29789	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	10.00000	99.30000	0.33467	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	10.00000	99.30000	0.37802	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	10.00000	99.30000	0.42974	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	10.00000	99.30000	0.49236	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	10.00000	99.30000	0.56962	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	10.00000	99.30000	0.66731	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	10.00000	99.30000	0.79504	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	10.00000	99.30000	0.97004	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	10.00000	99.30000	1.22540	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	10.00000	99.30000	1.62522	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	10.00000	99.30000	2.40240	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	10.00000	99.30000	4.66378	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	10.00000	99.30000	0.46263	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	10.00000	99.30000	-2.99611	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	10.00000	99.30000	-3.17647	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	10.00000	99.30000	-0.84447	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	10.00000	99.30000	4.76441	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	10.00000	99.30000	3.40589	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	10.00000	99.30000	3.24740	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	10.00000	99.30000	3.15942	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	10.00000	99.30000	3.15042	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	10.00000	99.30000	3.15347	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	10.00000	99.30000	3.14580	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	10.00000	99.30000	3.11707	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	10.00000	99.30000	3.05958	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	10.00000	99.30000	2.96392	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	10.00000	99.30000	2.81552	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	10.00000	99.30000	2.59584	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	10.00000	99.30000	2.29951	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	10.00000	99.30000	1.96075	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	10.00000	99.30000	1.63673	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	10.00000	99.30000	1.36059	99.150	0.0	0.0	0.0
1	PDISP	0.00000	10.00000	99.30000	1.13664	99.150	0.0	0.0	0.0
1	PDISP	1.00000	10.00000	99.30000	0.95752	99.150	0.0	0.0	0.0
1	PDISP	2.00000	10.00000	99.30000	0.81404	99.150	0.0	0.0	0.0
1	PDISP	3.00000	10.00000	99.30000	0.69822	99.150	0.0	0.0	0.0
1	PDISP	4.00000	10.00000	99.30000	0.60378	99.150	0.0	0.0	0.0
1	PDISP	5.00000	10.00000	99.30000	0.52597	99.150	0.0	0.0	0.0
1	PDISP	6.00000	10.00000	99.30000	0.46120	99.150	0.0	0.0	0.0
1	PDISP	7.00000	10.00000	99.30000	0.40678	99.150	0.0	0.0	0.0
1	PDISP	8.00000	10.00000	99.30000	0.36064	99.150	0.0	0.0	0.0
1	PDISP	9.00000	10.00000	99.30000	0.32120	99.150	0.0	0.0	0.0
1	PDISP	10.00000	10.00000	99.30000	0.28725	99.150	0.0	0.0	0.0
1	PDISP	11.00000	10.00000	99.30000	0.25782	99.150	0.0	0.0	0.0
1	PDISP	12.00000	10.00000	99.30000	0.23215	99.150	0.0	0.0	0.0
1	PDISP	13.00000	10.00000	99.30000	0.20964	99.150	0.0	0.0	0.0
1	PDISP	14.00000	10.00000	99.30000	0.18980	99.150	0.0	0.0	0.0
1	PDISP	15.00000	10.00000	99.30000	0.17223	99.150	0.0	0.0	0.0
1	PDISP	16.00000	10.00000	99.30000	0.15660	99.150	0.0	0.0	0.0
1	PDISP	17.00000	10.00000	99.30000	0.14265	99.150	0.0	0.0	0.0
1	PDISP	18.00000	10.00000	99.30000	0.13015	99.150	0.0	0.0	0.0
1	PDISP	19.00000	10.00000	99.30000	0.11891	99.150	0.0	0.0	0.0
1	PDISP	20.00000	10.00000	99.30000	0.10877	99.150	0.0	0.0	0.0
1	PDISP	21.00000	10.00000	99.30000	0.09961	99.150	0.0	0.0	0.0
1	PDISP	22.00000	10.00000	99.30000	0.09130	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	23.00000	10.00000	99.30000	0.08375	99.150	0.0	0.0	0.0
1	PDISP	24.00000	10.00000	99.30000	0.07687	99.150	0.0	0.0	0.0
1	PDISP	25.00000	10.00000	99.30000	0.07059	99.150	0.0	0.0	0.0
1	PDISP	26.00000	10.00000	99.30000	0.06485	99.150	0.0	0.0	0.0
1	PDISP	27.00000	10.00000	99.30000	0.05959	99.150	0.0	0.0	0.0
1	PDISP	28.00000	10.00000	99.30000	0.05477	99.150	0.0	0.0	0.0
1	PDISP	29.00000	10.00000	99.30000	0.05033	99.150	0.0	0.0	0.0
1	PDISP	30.00000	10.00000	99.30000	0.04625	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	11.00000	99.30000	0.09178	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	11.00000	99.30000	0.10014	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	11.00000	99.30000	0.10938	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	11.00000	99.30000	0.11960	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	11.00000	99.30000	0.13095	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	11.00000	99.30000	0.14359	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	11.00000	99.30000	0.15772	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	11.00000	99.30000	0.17358	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	11.00000	99.30000	0.19146	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	11.00000	99.30000	0.21172	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	11.00000	99.30000	0.23481	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	11.00000	99.30000	0.26128	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	11.00000	99.30000	0.29188	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	11.00000	99.30000	0.32753	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	11.00000	99.30000	0.36953	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	11.00000	99.30000	0.41964	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	11.00000	99.30000	0.48043	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	11.00000	99.30000	0.55579	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	11.00000	99.30000	0.65213	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	11.00000	99.30000	0.78098	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	11.00000	99.30000	0.96626	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	11.00000	99.30000	1.26832	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	11.00000	99.30000	1.88742	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	11.00000	99.30000	3.67218	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	11.00000	99.30000	3.66583	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	11.00000	99.30000	-1.75700	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	11.00000	99.30000	-3.10415	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	11.00000	99.30000	-2.14703	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	11.00000	99.30000	3.25914	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	11.00000	99.30000	3.90986	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	11.00000	99.30000	2.62144	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	11.00000	99.30000	2.49066	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	11.00000	99.30000	2.46388	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	11.00000	99.30000	2.45971	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	11.00000	99.30000	2.45654	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	11.00000	99.30000	2.44299	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	11.00000	99.30000	2.41213	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	11.00000	99.30000	2.35838	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	11.00000	99.30000	2.27591	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	11.00000	99.30000	2.15825	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	11.00000	99.30000	2.00074	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	11.00000	99.30000	1.80653	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	11.00000	99.30000	1.59130	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	11.00000	99.30000	1.37753	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	11.00000	99.30000	1.18249	99.150	0.0	0.0	0.0
1	PDISP	0.00000	11.00000	99.30000	1.01354	99.150	0.0	0.0	0.0
1	PDISP	1.00000	11.00000	99.30000	0.87098	99.150	0.0	0.0	0.0
1	PDISP	2.00000	11.00000	99.30000	0.75194	99.150	0.0	0.0	0.0
1	PDISP	3.00000	11.00000	99.30000	0.65272	99.150	0.0	0.0	0.0
1	PDISP	4.00000	11.00000	99.30000	0.56978	99.150	0.0	0.0	0.0
1	PDISP	5.00000	11.00000	99.30000	0.50010	99.150	0.0	0.0	0.0
1	PDISP	6.00000	11.00000	99.30000	0.44119	99.150	0.0	0.0	0.0
1	PDISP	7.00000	11.00000	99.30000	0.39106	99.150	0.0	0.0	0.0
1	PDISP	8.00000	11.00000	99.30000	0.34813	99.150	0.0	0.0	0.0
1	PDISP	9.00000	11.00000	99.30000	0.31112	99.150	0.0	0.0	0.0
1	PDISP	10.00000	11.00000	99.30000	0.27904	99.150	0.0	0.0	0.0
1	PDISP	11.00000	11.00000	99.30000	0.25106	99.150	0.0	0.0	0.0
1	PDISP	12.00000	11.00000	99.30000	0.22655	99.150	0.0	0.0	0.0
1	PDISP	13.00000	11.00000	99.30000	0.20495	99.150	0.0	0.0	0.0
1	PDISP	14.00000	11.00000	99.30000	0.18585	99.150	0.0	0.0	0.0
1	PDISP	15.00000	11.00000	99.30000	0.16888	99.150	0.0	0.0	0.0
1	PDISP	16.00000	11.00000	99.30000	0.15374	99.150	0.0	0.0	0.0
1	PDISP	17.00000	11.00000	99.30000	0.14019	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	18.00000	11.00000	99.30000	0.12803	99.150	0.0	0.0	0.0
1	PDISP	19.00000	11.00000	99.30000	0.11707	99.150	0.0	0.0	0.0
1	PDISP	20.00000	11.00000	99.30000	0.10717	99.150	0.0	0.0	0.0
1	PDISP	21.00000	11.00000	99.30000	0.09821	99.150	0.0	0.0	0.0
1	PDISP	22.00000	11.00000	99.30000	0.09007	99.150	0.0	0.0	0.0
1	PDISP	23.00000	11.00000	99.30000	0.08267	99.150	0.0	0.0	0.0
1	PDISP	24.00000	11.00000	99.30000	0.07592	99.150	0.0	0.0	0.0
1	PDISP	25.00000	11.00000	99.30000	0.06975	99.150	0.0	0.0	0.0
1	PDISP	26.00000	11.00000	99.30000	0.06410	99.150	0.0	0.0	0.0
1	PDISP	27.00000	11.00000	99.30000	0.05892	99.150	0.0	0.0	0.0
1	PDISP	28.00000	11.00000	99.30000	0.05417	99.150	0.0	0.0	0.0
1	PDISP	29.00000	11.00000	99.30000	0.04980	99.150	0.0	0.0	0.0
1	PDISP	30.00000	11.00000	99.30000	0.04577	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	12.00000	99.30000	0.09049	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	12.00000	99.30000	0.09869	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	12.00000	99.30000	0.10772	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	12.00000	99.30000	0.11772	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	12.00000	99.30000	0.12879	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	12.00000	99.30000	0.14111	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	12.00000	99.30000	0.15486	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	12.00000	99.30000	0.17027	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	12.00000	99.30000	0.18761	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	12.00000	99.30000	0.20721	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	12.00000	99.30000	0.22951	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	12.00000	99.30000	0.25501	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	12.00000	99.30000	0.28442	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	12.00000	99.30000	0.31860	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	12.00000	99.30000	0.35878	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	12.00000	99.30000	0.40661	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	12.00000	99.30000	0.46454	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	12.00000	99.30000	0.53633	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	12.00000	99.30000	0.62827	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	12.00000	99.30000	0.75197	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	12.00000	99.30000	0.93237	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	12.00000	99.30000	1.23751	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	12.00000	99.30000	1.97884	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	12.00000	99.30000	4.63200	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	12.00000	99.30000	4.36726	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	12.00000	99.30000	-0.23894	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	12.00000	99.30000	-1.72540	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	12.00000	99.30000	1.60673	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	12.00000	99.30000	4.16442	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	12.00000	99.30000	2.24020	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	12.00000	99.30000	2.08302	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	12.00000	99.30000	2.01145	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	12.00000	99.30000	1.99096	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	12.00000	99.30000	1.98437	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	12.00000	99.30000	1.97668	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	12.00000	99.30000	1.96024	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	12.00000	99.30000	1.93013	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	12.00000	99.30000	1.88254	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	12.00000	99.30000	1.81416	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	12.00000	99.30000	1.72240	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	12.00000	99.30000	1.60671	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	12.00000	99.30000	1.47052	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	12.00000	99.30000	1.32206	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	12.00000	99.30000	1.17204	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	12.00000	99.30000	1.02984	99.150	0.0	0.0	0.0
1	PDISP	0.00000	12.00000	99.30000	0.90110	99.150	0.0	0.0	0.0
1	PDISP	1.00000	12.00000	99.30000	0.78789	99.150	0.0	0.0	0.0
1	PDISP	2.00000	12.00000	99.30000	0.68995	99.150	0.0	0.0	0.0
1	PDISP	3.00000	12.00000	99.30000	0.60590	99.150	0.0	0.0	0.0
1	PDISP	4.00000	12.00000	99.30000	0.53395	99.150	0.0	0.0	0.0
1	PDISP	5.00000	12.00000	99.30000	0.47230	99.150	0.0	0.0	0.0
1	PDISP	6.00000	12.00000	99.30000	0.41935	99.150	0.0	0.0	0.0
1	PDISP	7.00000	12.00000	99.30000	0.37369	99.150	0.0	0.0	0.0
1	PDISP	8.00000	12.00000	99.30000	0.33416	99.150	0.0	0.0	0.0
1	PDISP	9.00000	12.00000	99.30000	0.29978	99.150	0.0	0.0	0.0
1	PDISP	10.00000	12.00000	99.30000	0.26973	99.150	0.0	0.0	0.0
1	PDISP	11.00000	12.00000	99.30000	0.24336	99.150	0.0	0.0	0.0
1	PDISP	12.00000	12.00000	99.30000	0.22012	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
						Level	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
						[mOD]			
1	PDISP	13.00000	12.00000	99.30000	0.19955	99.150	0.0	0.0	0.0
1	PDISP	14.00000	12.00000	99.30000	0.18128	99.150	0.0	0.0	0.0
1	PDISP	15.00000	12.00000	99.30000	0.16499	99.150	0.0	0.0	0.0
1	PDISP	16.00000	12.00000	99.30000	0.15041	99.150	0.0	0.0	0.0
1	PDISP	17.00000	12.00000	99.30000	0.13733	99.150	0.0	0.0	0.0
1	PDISP	18.00000	12.00000	99.30000	0.12555	99.150	0.0	0.0	0.0
1	PDISP	19.00000	12.00000	99.30000	0.11492	99.150	0.0	0.0	0.0
1	PDISP	20.00000	12.00000	99.30000	0.10530	99.150	0.0	0.0	0.0
1	PDISP	21.00000	12.00000	99.30000	0.09657	99.150	0.0	0.0	0.0
1	PDISP	22.00000	12.00000	99.30000	0.08863	99.150	0.0	0.0	0.0
1	PDISP	23.00000	12.00000	99.30000	0.08139	99.150	0.0	0.0	0.0
1	PDISP	24.00000	12.00000	99.30000	0.07479	99.150	0.0	0.0	0.0
1	PDISP	25.00000	12.00000	99.30000	0.06875	99.150	0.0	0.0	0.0
1	PDISP	26.00000	12.00000	99.30000	0.06321	99.150	0.0	0.0	0.0
1	PDISP	27.00000	12.00000	99.30000	0.05813	99.150	0.0	0.0	0.0
1	PDISP	28.00000	12.00000	99.30000	0.05346	99.150	0.0	0.0	0.0
1	PDISP	29.00000	12.00000	99.30000	0.04916	99.150	0.0	0.0	0.0
1	PDISP	30.00000	12.00000	99.30000	0.04520	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	13.00000	99.30000	0.08899	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	13.00000	99.30000	0.09699	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	13.00000	99.30000	0.10579	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	13.00000	99.30000	0.11551	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	13.00000	99.30000	0.12627	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	13.00000	99.30000	0.13822	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	13.00000	99.30000	0.15153	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	13.00000	99.30000	0.16641	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	13.00000	99.30000	0.18311	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	13.00000	99.30000	0.20195	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	13.00000	99.30000	0.22331	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	13.00000	99.30000	0.24768	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	13.00000	99.30000	0.27566	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	13.00000	99.30000	0.30807	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	13.00000	99.30000	0.34600	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	13.00000	99.30000	0.39092	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	13.00000	99.30000	0.44501	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	13.00000	99.30000	0.51156	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	13.00000	99.30000	0.59589	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	13.00000	99.30000	0.70738	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	13.00000	99.30000	0.86423	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	13.00000	99.30000	1.10538	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	13.00000	99.30000	1.51256	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	13.00000	99.30000	2.18585	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	13.00000	99.30000	3.62610	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	13.00000	99.30000	4.56941	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	13.00000	99.30000	2.78942	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	13.00000	99.30000	4.65366	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	13.00000	99.30000	2.60848	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	13.00000	99.30000	1.92715	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	13.00000	99.30000	1.73627	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	13.00000	99.30000	1.67254	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	13.00000	99.30000	1.64931	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	13.00000	99.30000	1.63823	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	13.00000	99.30000	1.62701	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	13.00000	99.30000	1.60933	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	13.00000	99.30000	1.58131	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	13.00000	99.30000	1.54026	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	13.00000	99.30000	1.48431	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	13.00000	99.30000	1.41249	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	13.00000	99.30000	1.32533	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	13.00000	99.30000	1.22546	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	13.00000	99.30000	1.11760	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	13.00000	99.30000	1.00759	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	13.00000	99.30000	0.90084	99.150	0.0	0.0	0.0
1	PDISP	0.00000	13.00000	99.30000	0.80125	99.150	0.0	0.0	0.0
1	PDISP	1.00000	13.00000	99.30000	0.71091	99.150	0.0	0.0	0.0
1	PDISP	2.00000	13.00000	99.30000	0.63048	99.150	0.0	0.0	0.0
1	PDISP	3.00000	13.00000	99.30000	0.55967	99.150	0.0	0.0	0.0
1	PDISP	4.00000	13.00000	99.30000	0.49772	99.150	0.0	0.0	0.0
1	PDISP	5.00000	13.00000	99.30000	0.44365	99.150	0.0	0.0	0.0
1	PDISP	6.00000	13.00000	99.30000	0.39648	99.150	0.0	0.0	0.0
1	PDISP	7.00000	13.00000	99.30000	0.35526	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	8.00000	13.00000	99.30000	0.31918	99.150	0.0	0.0	0.0
1	PDISP	9.00000	13.00000	99.30000	0.28748	99.150	0.0	0.0	0.0
1	PDISP	10.00000	13.00000	99.30000	0.25957	99.150	0.0	0.0	0.0
1	PDISP	11.00000	13.00000	99.30000	0.23490	99.150	0.0	0.0	0.0
1	PDISP	12.00000	13.00000	99.30000	0.21302	99.150	0.0	0.0	0.0
1	PDISP	13.00000	13.00000	99.30000	0.19355	99.150	0.0	0.0	0.0
1	PDISP	14.00000	13.00000	99.30000	0.17618	99.150	0.0	0.0	0.0
1	PDISP	15.00000	13.00000	99.30000	0.16063	99.150	0.0	0.0	0.0
1	PDISP	16.00000	13.00000	99.30000	0.14667	99.150	0.0	0.0	0.0
1	PDISP	17.00000	13.00000	99.30000	0.13410	99.150	0.0	0.0	0.0
1	PDISP	18.00000	13.00000	99.30000	0.12275	99.150	0.0	0.0	0.0
1	PDISP	19.00000	13.00000	99.30000	0.11248	99.150	0.0	0.0	0.0
1	PDISP	20.00000	13.00000	99.30000	0.10316	99.150	0.0	0.0	0.0
1	PDISP	21.00000	13.00000	99.30000	0.09470	99.150	0.0	0.0	0.0
1	PDISP	22.00000	13.00000	99.30000	0.08698	99.150	0.0	0.0	0.0
1	PDISP	23.00000	13.00000	99.30000	0.07994	99.150	0.0	0.0	0.0
1	PDISP	24.00000	13.00000	99.30000	0.07350	99.150	0.0	0.0	0.0
1	PDISP	25.00000	13.00000	99.30000	0.06760	99.150	0.0	0.0	0.0
1	PDISP	26.00000	13.00000	99.30000	0.06219	99.150	0.0	0.0	0.0
1	PDISP	27.00000	13.00000	99.30000	0.05722	99.150	0.0	0.0	0.0
1	PDISP	28.00000	13.00000	99.30000	0.05265	99.150	0.0	0.0	0.0
1	PDISP	29.00000	13.00000	99.30000	0.04843	99.150	0.0	0.0	0.0
1	PDISP	30.00000	13.00000	99.30000	0.04454	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	14.00000	99.30000	0.08729	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	14.00000	99.30000	0.09506	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	14.00000	99.30000	0.10361	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	14.00000	99.30000	0.11302	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	14.00000	99.30000	0.12343	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	14.00000	99.30000	0.13496	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	14.00000	99.30000	0.14777	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	14.00000	99.30000	0.16205	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	14.00000	99.30000	0.17805	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	14.00000	99.30000	0.19603	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	14.00000	99.30000	0.21634	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	14.00000	99.30000	0.23942	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	14.00000	99.30000	0.26580	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	14.00000	99.30000	0.29620	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	14.00000	99.30000	0.33153	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	14.00000	99.30000	0.37306	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	14.00000	99.30000	0.42256	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	14.00000	99.30000	0.48263	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	14.00000	99.30000	0.55719	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	14.00000	99.30000	0.65250	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	14.00000	99.30000	0.77866	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	14.00000	99.30000	0.95131	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	14.00000	99.30000	1.18924	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	14.00000	99.30000	1.50483	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	14.00000	99.30000	1.93214	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	14.00000	99.30000	2.76642	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	14.00000	99.30000	4.83100	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	14.00000	99.30000	3.24680	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	14.00000	99.30000	1.96150	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	14.00000	99.30000	1.60746	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	14.00000	99.30000	1.47025	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	14.00000	99.30000	1.41405	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	14.00000	99.30000	1.38936	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	14.00000	99.30000	1.37533	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	14.00000	99.30000	1.36208	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	14.00000	99.30000	1.34432	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	14.00000	99.30000	1.31893	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	14.00000	99.30000	1.28394	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	14.00000	99.30000	1.23822	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	14.00000	99.30000	1.18144	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	14.00000	99.30000	1.11430	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	14.00000	99.30000	1.03867	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	14.00000	99.30000	0.95745	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	14.00000	99.30000	0.87411	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	14.00000	99.30000	0.79198	99.150	0.0	0.0	0.0
1	PDISP	0.00000	14.00000	99.30000	0.71373	99.150	0.0	0.0	0.0
1	PDISP	1.00000	14.00000	99.30000	0.64106	99.150	0.0	0.0	0.0
1	PDISP	2.00000	14.00000	99.30000	0.57485	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	3.00000	14.00000	99.30000	0.51529	99.150	0.0	0.0	0.0
1	PDISP	4.00000	14.00000	99.30000	0.46216	99.150	0.0	0.0	0.0
1	PDISP	5.00000	14.00000	99.30000	0.41500	99.150	0.0	0.0	0.0
1	PDISP	6.00000	14.00000	99.30000	0.37324	99.150	0.0	0.0	0.0
1	PDISP	7.00000	14.00000	99.30000	0.33629	99.150	0.0	0.0	0.0
1	PDISP	8.00000	14.00000	99.30000	0.30357	99.150	0.0	0.0	0.0
1	PDISP	9.00000	14.00000	99.30000	0.27456	99.150	0.0	0.0	0.0
1	PDISP	10.00000	14.00000	99.30000	0.24879	99.150	0.0	0.0	0.0
1	PDISP	11.00000	14.00000	99.30000	0.22585	99.150	0.0	0.0	0.0
1	PDISP	12.00000	14.00000	99.30000	0.20538	99.150	0.0	0.0	0.0
1	PDISP	13.00000	14.00000	99.30000	0.18707	99.150	0.0	0.0	0.0
1	PDISP	14.00000	14.00000	99.30000	0.17065	99.150	0.0	0.0	0.0
1	PDISP	15.00000	14.00000	99.30000	0.15588	99.150	0.0	0.0	0.0
1	PDISP	16.00000	14.00000	99.30000	0.14257	99.150	0.0	0.0	0.0
1	PDISP	17.00000	14.00000	99.30000	0.13055	99.150	0.0	0.0	0.0
1	PDISP	18.00000	14.00000	99.30000	0.11967	99.150	0.0	0.0	0.0
1	PDISP	19.00000	14.00000	99.30000	0.10979	99.150	0.0	0.0	0.0
1	PDISP	20.00000	14.00000	99.30000	0.10080	99.150	0.0	0.0	0.0
1	PDISP	21.00000	14.00000	99.30000	0.09262	99.150	0.0	0.0	0.0
1	PDISP	22.00000	14.00000	99.30000	0.08515	99.150	0.0	0.0	0.0
1	PDISP	23.00000	14.00000	99.30000	0.07832	99.150	0.0	0.0	0.0
1	PDISP	24.00000	14.00000	99.30000	0.07206	99.150	0.0	0.0	0.0
1	PDISP	25.00000	14.00000	99.30000	0.06632	99.150	0.0	0.0	0.0
1	PDISP	26.00000	14.00000	99.30000	0.06105	99.150	0.0	0.0	0.0
1	PDISP	27.00000	14.00000	99.30000	0.05620	99.150	0.0	0.0	0.0
1	PDISP	28.00000	14.00000	99.30000	0.05173	99.150	0.0	0.0	0.0
1	PDISP	29.00000	14.00000	99.30000	0.04761	99.150	0.0	0.0	0.0
1	PDISP	30.00000	14.00000	99.30000	0.04381	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	15.00000	99.30000	0.08540	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	15.00000	99.30000	0.09293	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	15.00000	99.30000	0.10119	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	15.00000	99.30000	0.11028	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	15.00000	99.30000	0.12029	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	15.00000	99.30000	0.13136	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	15.00000	99.30000	0.14363	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	15.00000	99.30000	0.15728	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	15.00000	99.30000	0.17250	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	15.00000	99.30000	0.18955	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	15.00000	99.30000	0.20873	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	15.00000	99.30000	0.23041	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	15.00000	99.30000	0.25506	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	15.00000	99.30000	0.28327	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	15.00000	99.30000	0.31579	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	15.00000	99.30000	0.35364	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	15.00000	99.30000	0.39815	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	15.00000	99.30000	0.45119	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	15.00000	99.30000	0.51535	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	15.00000	99.30000	0.59423	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	15.00000	99.30000	0.69263	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	15.00000	99.30000	0.81605	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	15.00000	99.30000	0.96886	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	15.00000	99.30000	1.15294	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	15.00000	99.30000	1.37406	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	15.00000	99.30000	1.64835	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	15.00000	99.30000	1.89207	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	15.00000	99.30000	1.77574	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	15.00000	99.30000	1.49631	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	15.00000	99.30000	1.33151	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	15.00000	99.30000	1.24725	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	15.00000	99.30000	1.20529	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	15.00000	99.30000	1.18327	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	15.00000	99.30000	1.16886	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	15.00000	99.30000	1.15519	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	15.00000	99.30000	1.13828	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	15.00000	99.30000	1.11572	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	15.00000	99.30000	1.08606	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	15.00000	99.30000	1.04856	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	15.00000	99.30000	1.00316	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	15.00000	99.30000	0.95046	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	15.00000	99.30000	0.89177	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	15.00000	99.30000	0.82896	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-2.00000	15.00000	99.30000	0.76424	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	15.00000	99.30000	0.69976	99.150	0.0	0.0	0.0
1	PDISP	0.00000	15.00000	99.30000	0.63736	99.150	0.0	0.0	0.0
1	PDISP	1.00000	15.00000	99.30000	0.57838	99.150	0.0	0.0	0.0
1	PDISP	2.00000	15.00000	99.30000	0.52362	99.150	0.0	0.0	0.0
1	PDISP	3.00000	15.00000	99.30000	0.47347	99.150	0.0	0.0	0.0
1	PDISP	4.00000	15.00000	99.30000	0.42798	99.150	0.0	0.0	0.0
1	PDISP	5.00000	15.00000	99.30000	0.38697	99.150	0.0	0.0	0.0
1	PDISP	6.00000	15.00000	99.30000	0.35016	99.150	0.0	0.0	0.0
1	PDISP	7.00000	15.00000	99.30000	0.31719	99.150	0.0	0.0	0.0
1	PDISP	8.00000	15.00000	99.30000	0.28768	99.150	0.0	0.0	0.0
1	PDISP	9.00000	15.00000	99.30000	0.26127	99.150	0.0	0.0	0.0
1	PDISP	10.00000	15.00000	99.30000	0.23762	99.150	0.0	0.0	0.0
1	PDISP	11.00000	15.00000	99.30000	0.21641	99.150	0.0	0.0	0.0
1	PDISP	12.00000	15.00000	99.30000	0.19736	99.150	0.0	0.0	0.0
1	PDISP	13.00000	15.00000	99.30000	0.18022	99.150	0.0	0.0	0.0
1	PDISP	14.00000	15.00000	99.30000	0.16477	99.150	0.0	0.0	0.0
1	PDISP	15.00000	15.00000	99.30000	0.15081	99.150	0.0	0.0	0.0
1	PDISP	16.00000	15.00000	99.30000	0.13819	99.150	0.0	0.0	0.0
1	PDISP	17.00000	15.00000	99.30000	0.12674	99.150	0.0	0.0	0.0
1	PDISP	18.00000	15.00000	99.30000	0.11634	99.150	0.0	0.0	0.0
1	PDISP	19.00000	15.00000	99.30000	0.10687	99.150	0.0	0.0	0.0
1	PDISP	20.00000	15.00000	99.30000	0.09825	99.150	0.0	0.0	0.0
1	PDISP	21.00000	15.00000	99.30000	0.09037	99.150	0.0	0.0	0.0
1	PDISP	22.00000	15.00000	99.30000	0.08316	99.150	0.0	0.0	0.0
1	PDISP	23.00000	15.00000	99.30000	0.07655	99.150	0.0	0.0	0.0
1	PDISP	24.00000	15.00000	99.30000	0.07049	99.150	0.0	0.0	0.0
1	PDISP	25.00000	15.00000	99.30000	0.06493	99.150	0.0	0.0	0.0
1	PDISP	26.00000	15.00000	99.30000	0.05980	99.150	0.0	0.0	0.0
1	PDISP	27.00000	15.00000	99.30000	0.05508	99.150	0.0	0.0	0.0
1	PDISP	28.00000	15.00000	99.30000	0.05073	99.150	0.0	0.0	0.0
1	PDISP	29.00000	15.00000	99.30000	0.04671	99.150	0.0	0.0	0.0
1	PDISP	30.00000	15.00000	99.30000	0.04300	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	16.00000	99.30000	0.08335	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	16.00000	99.30000	0.09062	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	16.00000	99.30000	0.09858	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	16.00000	99.30000	0.10731	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	16.00000	99.30000	0.11691	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	16.00000	99.30000	0.12749	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	16.00000	99.30000	0.13918	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	16.00000	99.30000	0.15215	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	16.00000	99.30000	0.16655	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	16.00000	99.30000	0.18262	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	16.00000	99.30000	0.20061	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	16.00000	99.30000	0.22084	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	16.00000	99.30000	0.24368	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	16.00000	99.30000	0.26962	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	16.00000	99.30000	0.29924	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	16.00000	99.30000	0.33331	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	16.00000	99.30000	0.37278	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	16.00000	99.30000	0.41889	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	16.00000	99.30000	0.47318	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	16.00000	99.30000	0.53751	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	16.00000	99.30000	0.61388	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	16.00000	99.30000	0.70390	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	16.00000	99.30000	0.80790	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	16.00000	99.30000	0.92430	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	16.00000	99.30000	1.04914	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	16.00000	99.30000	1.17013	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	16.00000	99.30000	1.24835	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	16.00000	99.30000	1.23741	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	16.00000	99.30000	1.16899	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	16.00000	99.30000	1.10361	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	16.00000	99.30000	1.05933	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	16.00000	99.30000	1.03233	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	16.00000	99.30000	1.01536	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	16.00000	99.30000	1.00251	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	16.00000	99.30000	0.98972	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	16.00000	99.30000	0.97432	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	16.00000	99.30000	0.95459	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	16.00000	99.30000	0.92953	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-7.00000	16.00000	99.30000	0.89864	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	16.00000	99.30000	0.86194	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	16.00000	99.30000	0.81991	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	16.00000	99.30000	0.77348	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	16.00000	99.30000	0.72391	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	16.00000	99.30000	0.67266	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	16.00000	99.30000	0.62118	99.150	0.0	0.0	0.0
1	PDISP	0.00000	16.00000	99.30000	0.57077	99.150	0.0	0.0	0.0
1	PDISP	1.00000	16.00000	99.30000	0.52244	99.150	0.0	0.0	0.0
1	PDISP	2.00000	16.00000	99.30000	0.47690	99.150	0.0	0.0	0.0
1	PDISP	3.00000	16.00000	99.30000	0.43456	99.150	0.0	0.0	0.0
1	PDISP	4.00000	16.00000	99.30000	0.39559	99.150	0.0	0.0	0.0
1	PDISP	5.00000	16.00000	99.30000	0.35999	99.150	0.0	0.0	0.0
1	PDISP	6.00000	16.00000	99.30000	0.32763	99.150	0.0	0.0	0.0
1	PDISP	7.00000	16.00000	99.30000	0.29831	99.150	0.0	0.0	0.0
1	PDISP	8.00000	16.00000	99.30000	0.27180	99.150	0.0	0.0	0.0
1	PDISP	9.00000	16.00000	99.30000	0.24786	99.150	0.0	0.0	0.0
1	PDISP	10.00000	16.00000	99.30000	0.22625	99.150	0.0	0.0	0.0
1	PDISP	11.00000	16.00000	99.30000	0.20672	99.150	0.0	0.0	0.0
1	PDISP	12.00000	16.00000	99.30000	0.18907	99.150	0.0	0.0	0.0
1	PDISP	13.00000	16.00000	99.30000	0.17310	99.150	0.0	0.0	0.0
1	PDISP	14.00000	16.00000	99.30000	0.15863	99.150	0.0	0.0	0.0
1	PDISP	15.00000	16.00000	99.30000	0.14550	99.150	0.0	0.0	0.0
1	PDISP	16.00000	16.00000	99.30000	0.13357	99.150	0.0	0.0	0.0
1	PDISP	17.00000	16.00000	99.30000	0.12271	99.150	0.0	0.0	0.0
1	PDISP	18.00000	16.00000	99.30000	0.11281	99.150	0.0	0.0	0.0
1	PDISP	19.00000	16.00000	99.30000	0.10378	99.150	0.0	0.0	0.0
1	PDISP	20.00000	16.00000	99.30000	0.09552	99.150	0.0	0.0	0.0
1	PDISP	21.00000	16.00000	99.30000	0.08795	99.150	0.0	0.0	0.0
1	PDISP	22.00000	16.00000	99.30000	0.08102	99.150	0.0	0.0	0.0
1	PDISP	23.00000	16.00000	99.30000	0.07466	99.150	0.0	0.0	0.0
1	PDISP	24.00000	16.00000	99.30000	0.06880	99.150	0.0	0.0	0.0
1	PDISP	25.00000	16.00000	99.30000	0.06342	99.150	0.0	0.0	0.0
1	PDISP	26.00000	16.00000	99.30000	0.05845	99.150	0.0	0.0	0.0
1	PDISP	27.00000	16.00000	99.30000	0.05387	99.150	0.0	0.0	0.0
1	PDISP	28.00000	16.00000	99.30000	0.04965	99.150	0.0	0.0	0.0
1	PDISP	29.00000	16.00000	99.30000	0.04574	99.150	0.0	0.0	0.0
1	PDISP	30.00000	16.00000	99.30000	0.04212	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	17.00000	99.30000	0.08116	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	17.00000	99.30000	0.08815	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	17.00000	99.30000	0.09578	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	17.00000	99.30000	0.10414	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	17.00000	99.30000	0.11331	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	17.00000	99.30000	0.12338	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	17.00000	99.30000	0.13448	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	17.00000	99.30000	0.14673	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	17.00000	99.30000	0.16030	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	17.00000	99.30000	0.17536	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	17.00000	99.30000	0.19213	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	17.00000	99.30000	0.21087	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	17.00000	99.30000	0.23189	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	17.00000	99.30000	0.25555	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	17.00000	99.30000	0.28231	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	17.00000	99.30000	0.31269	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	17.00000	99.30000	0.34734	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	17.00000	99.30000	0.38703	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	17.00000	99.30000	0.43258	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	17.00000	99.30000	0.48485	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	17.00000	99.30000	0.54448	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	17.00000	99.30000	0.61157	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	17.00000	99.30000	0.68522	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	17.00000	99.30000	0.76295	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	17.00000	99.30000	0.83997	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	17.00000	99.30000	0.90720	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	17.00000	99.30000	0.95081	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	17.00000	99.30000	0.96137	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	17.00000	99.30000	0.94673	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	17.00000	99.30000	0.92392	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	17.00000	99.30000	0.90359	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	17.00000	99.30000	0.88823	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	17.00000	99.30000	0.87649	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-12.00000	17.00000	99.30000	0.86607	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	17.00000	99.30000	0.85490	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	17.00000	99.30000	0.84136	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	17.00000	99.30000	0.82437	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	17.00000	99.30000	0.80324	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	17.00000	99.30000	0.77767	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	17.00000	99.30000	0.74772	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	17.00000	99.30000	0.71377	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	17.00000	99.30000	0.67646	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	17.00000	99.30000	0.63669	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	17.00000	99.30000	0.59546	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	17.00000	99.30000	0.55378	99.150	0.0	0.0	0.0
1	PDISP	0.00000	17.00000	99.30000	0.51258	99.150	0.0	0.0	0.0
1	PDISP	1.00000	17.00000	99.30000	0.47265	99.150	0.0	0.0	0.0
1	PDISP	2.00000	17.00000	99.30000	0.43455	99.150	0.0	0.0	0.0
1	PDISP	3.00000	17.00000	99.30000	0.39867	99.150	0.0	0.0	0.0
1	PDISP	4.00000	17.00000	99.30000	0.36524	99.150	0.0	0.0	0.0
1	PDISP	5.00000	17.00000	99.30000	0.33432	99.150	0.0	0.0	0.0
1	PDISP	6.00000	17.00000	99.30000	0.30590	99.150	0.0	0.0	0.0
1	PDISP	7.00000	17.00000	99.30000	0.27989	99.150	0.0	0.0	0.0
1	PDISP	8.00000	17.00000	99.30000	0.25615	99.150	0.0	0.0	0.0
1	PDISP	9.00000	17.00000	99.30000	0.23452	99.150	0.0	0.0	0.0
1	PDISP	10.00000	17.00000	99.30000	0.21483	99.150	0.0	0.0	0.0
1	PDISP	11.00000	17.00000	99.30000	0.19693	99.150	0.0	0.0	0.0
1	PDISP	12.00000	17.00000	99.30000	0.18064	99.150	0.0	0.0	0.0
1	PDISP	13.00000	17.00000	99.30000	0.16581	99.150	0.0	0.0	0.0
1	PDISP	14.00000	17.00000	99.30000	0.15231	99.150	0.0	0.0	0.0
1	PDISP	15.00000	17.00000	99.30000	0.14000	99.150	0.0	0.0	0.0
1	PDISP	16.00000	17.00000	99.30000	0.12877	99.150	0.0	0.0	0.0
1	PDISP	17.00000	17.00000	99.30000	0.11850	99.150	0.0	0.0	0.0
1	PDISP	18.00000	17.00000	99.30000	0.10912	99.150	0.0	0.0	0.0
1	PDISP	19.00000	17.00000	99.30000	0.10052	99.150	0.0	0.0	0.0
1	PDISP	20.00000	17.00000	99.30000	0.09264	99.150	0.0	0.0	0.0
1	PDISP	21.00000	17.00000	99.30000	0.08541	99.150	0.0	0.0	0.0
1	PDISP	22.00000	17.00000	99.30000	0.07876	99.150	0.0	0.0	0.0
1	PDISP	23.00000	17.00000	99.30000	0.07264	99.150	0.0	0.0	0.0
1	PDISP	24.00000	17.00000	99.30000	0.06701	99.150	0.0	0.0	0.0
1	PDISP	25.00000	17.00000	99.30000	0.06181	99.150	0.0	0.0	0.0
1	PDISP	26.00000	17.00000	99.30000	0.05702	99.150	0.0	0.0	0.0
1	PDISP	27.00000	17.00000	99.30000	0.05258	99.150	0.0	0.0	0.0
1	PDISP	28.00000	17.00000	99.30000	0.04849	99.150	0.0	0.0	0.0
1	PDISP	29.00000	17.00000	99.30000	0.04469	99.150	0.0	0.0	0.0
1	PDISP	30.00000	17.00000	99.30000	0.04117	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	18.00000	99.30000	0.07885	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	18.00000	99.30000	0.08554	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	18.00000	99.30000	0.09284	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	18.00000	99.30000	0.10082	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	18.00000	99.30000	0.10954	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	18.00000	99.30000	0.11909	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	18.00000	99.30000	0.12957	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	18.00000	99.30000	0.14111	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	18.00000	99.30000	0.15382	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	18.00000	99.30000	0.16787	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	18.00000	99.30000	0.18342	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	18.00000	99.30000	0.20069	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	18.00000	99.30000	0.21991	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	18.00000	99.30000	0.24136	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	18.00000	99.30000	0.26536	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	18.00000	99.30000	0.29227	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	18.00000	99.30000	0.32250	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	18.00000	99.30000	0.35648	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	18.00000	99.30000	0.39460	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	18.00000	99.30000	0.43717	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	18.00000	99.30000	0.48421	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	18.00000	99.30000	0.53529	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	18.00000	99.30000	0.58926	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	18.00000	99.30000	0.64393	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	18.00000	99.30000	0.69582	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	18.00000	99.30000	0.74001	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	18.00000	99.30000	0.77114	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	18.00000	99.30000	0.78652	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-17.00000	18.00000	99.30000	0.78870	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	18.00000	99.30000	0.78350	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	18.00000	99.30000	0.77589	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	18.00000	99.30000	0.76820	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	18.00000	99.30000	0.76072	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	18.00000	99.30000	0.75279	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	18.00000	99.30000	0.74347	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	18.00000	99.30000	0.73190	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	18.00000	99.30000	0.71743	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	18.00000	99.30000	0.69966	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	18.00000	99.30000	0.67842	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	18.00000	99.30000	0.65378	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	18.00000	99.30000	0.62605	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	18.00000	99.30000	0.59570	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	18.00000	99.30000	0.56336	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	18.00000	99.30000	0.52975	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	18.00000	99.30000	0.49560	99.150	0.0	0.0	0.0
1	PDISP	0.00000	18.00000	99.30000	0.46160	99.150	0.0	0.0	0.0
1	PDISP	1.00000	18.00000	99.30000	0.42833	99.150	0.0	0.0	0.0
1	PDISP	2.00000	18.00000	99.30000	0.39626	99.150	0.0	0.0	0.0
1	PDISP	3.00000	18.00000	99.30000	0.36574	99.150	0.0	0.0	0.0
1	PDISP	4.00000	18.00000	99.30000	0.33699	99.150	0.0	0.0	0.0
1	PDISP	5.00000	18.00000	99.30000	0.31012	99.150	0.0	0.0	0.0
1	PDISP	6.00000	18.00000	99.30000	0.28518	99.150	0.0	0.0	0.0
1	PDISP	7.00000	18.00000	99.30000	0.26212	99.150	0.0	0.0	0.0
1	PDISP	8.00000	18.00000	99.30000	0.24089	99.150	0.0	0.0	0.0
1	PDISP	9.00000	18.00000	99.30000	0.22140	99.150	0.0	0.0	0.0
1	PDISP	10.00000	18.00000	99.30000	0.20352	99.150	0.0	0.0	0.0
1	PDISP	11.00000	18.00000	99.30000	0.18715	99.150	0.0	0.0	0.0
1	PDISP	12.00000	18.00000	99.30000	0.17216	99.150	0.0	0.0	0.0
1	PDISP	13.00000	18.00000	99.30000	0.15844	99.150	0.0	0.0	0.0
1	PDISP	14.00000	18.00000	99.30000	0.14589	99.150	0.0	0.0	0.0
1	PDISP	15.00000	18.00000	99.30000	0.13438	99.150	0.0	0.0	0.0
1	PDISP	16.00000	18.00000	99.30000	0.12384	99.150	0.0	0.0	0.0
1	PDISP	17.00000	18.00000	99.30000	0.11418	99.150	0.0	0.0	0.0
1	PDISP	18.00000	18.00000	99.30000	0.10530	99.150	0.0	0.0	0.0
1	PDISP	19.00000	18.00000	99.30000	0.09715	99.150	0.0	0.0	0.0
1	PDISP	20.00000	18.00000	99.30000	0.08966	99.150	0.0	0.0	0.0
1	PDISP	21.00000	18.00000	99.30000	0.08276	99.150	0.0	0.0	0.0
1	PDISP	22.00000	18.00000	99.30000	0.07640	99.150	0.0	0.0	0.0
1	PDISP	23.00000	18.00000	99.30000	0.07054	99.150	0.0	0.0	0.0
1	PDISP	24.00000	18.00000	99.30000	0.06513	99.150	0.0	0.0	0.0
1	PDISP	25.00000	18.00000	99.30000	0.06013	99.150	0.0	0.0	0.0
1	PDISP	26.00000	18.00000	99.30000	0.05550	99.150	0.0	0.0	0.0
1	PDISP	27.00000	18.00000	99.30000	0.05122	99.150	0.0	0.0	0.0
1	PDISP	28.00000	18.00000	99.30000	0.04726	99.150	0.0	0.0	0.0
1	PDISP	29.00000	18.00000	99.30000	0.04358	99.150	0.0	0.0	0.0
1	PDISP	30.00000	18.00000	99.30000	0.04017	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	19.00000	99.30000	0.07643	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	19.00000	99.30000	0.08283	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	19.00000	99.30000	0.08979	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	19.00000	99.30000	0.09737	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	19.00000	99.30000	0.10563	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	19.00000	99.30000	0.11465	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	19.00000	99.30000	0.12453	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	19.00000	99.30000	0.13534	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	19.00000	99.30000	0.14720	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	19.00000	99.30000	0.16024	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	19.00000	99.30000	0.17460	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	19.00000	99.30000	0.19044	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	19.00000	99.30000	0.20793	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	19.00000	99.30000	0.22728	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	19.00000	99.30000	0.24870	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	19.00000	99.30000	0.27243	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	19.00000	99.30000	0.29871	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	19.00000	99.30000	0.32775	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	19.00000	99.30000	0.35969	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	19.00000	99.30000	0.39455	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	19.00000	99.30000	0.43212	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	19.00000	99.30000	0.47183	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	19.00000	99.30000	0.51264	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-22.00000	19.00000	99.30000	0.55292	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	19.00000	99.30000	0.59046	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	19.00000	99.30000	0.62262	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	19.00000	99.30000	0.64701	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	19.00000	99.30000	0.66261	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	19.00000	99.30000	0.67033	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	19.00000	99.30000	0.67244	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	19.00000	99.30000	0.67121	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	19.00000	99.30000	0.66812	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	19.00000	99.30000	0.66372	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	19.00000	99.30000	0.65792	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	19.00000	99.30000	0.65037	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	19.00000	99.30000	0.64067	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	19.00000	99.30000	0.62846	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	19.00000	99.30000	0.61354	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	19.00000	99.30000	0.59584	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	19.00000	99.30000	0.57544	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	19.00000	99.30000	0.55258	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	19.00000	99.30000	0.52762	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	19.00000	99.30000	0.50104	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	19.00000	99.30000	0.47335	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	19.00000	99.30000	0.44508	99.150	0.0	0.0	0.0
1	PDISP	0.00000	19.00000	99.30000	0.41676	99.150	0.0	0.0	0.0
1	PDISP	1.00000	19.00000	99.30000	0.38884	99.150	0.0	0.0	0.0
1	PDISP	2.00000	19.00000	99.30000	0.36170	99.150	0.0	0.0	0.0
1	PDISP	3.00000	19.00000	99.30000	0.33563	99.150	0.0	0.0	0.0
1	PDISP	4.00000	19.00000	99.30000	0.31084	99.150	0.0	0.0	0.0
1	PDISP	5.00000	19.00000	99.30000	0.28745	99.150	0.0	0.0	0.0
1	PDISP	6.00000	19.00000	99.30000	0.26554	99.150	0.0	0.0	0.0
1	PDISP	7.00000	19.00000	99.30000	0.24512	99.150	0.0	0.0	0.0
1	PDISP	8.00000	19.00000	99.30000	0.22616	99.150	0.0	0.0	0.0
1	PDISP	9.00000	19.00000	99.30000	0.20862	99.150	0.0	0.0	0.0
1	PDISP	10.00000	19.00000	99.30000	0.19242	99.150	0.0	0.0	0.0
1	PDISP	11.00000	19.00000	99.30000	0.17748	99.150	0.0	0.0	0.0
1	PDISP	12.00000	19.00000	99.30000	0.16373	99.150	0.0	0.0	0.0
1	PDISP	13.00000	19.00000	99.30000	0.15107	99.150	0.0	0.0	0.0
1	PDISP	14.00000	19.00000	99.30000	0.13942	99.150	0.0	0.0	0.0
1	PDISP	15.00000	19.00000	99.30000	0.12871	99.150	0.0	0.0	0.0
1	PDISP	16.00000	19.00000	99.30000	0.11884	99.150	0.0	0.0	0.0
1	PDISP	17.00000	19.00000	99.30000	0.10976	99.150	0.0	0.0	0.0
1	PDISP	18.00000	19.00000	99.30000	0.10140	99.150	0.0	0.0	0.0
1	PDISP	19.00000	19.00000	99.30000	0.09369	99.150	0.0	0.0	0.0
1	PDISP	20.00000	19.00000	99.30000	0.08658	99.150	0.0	0.0	0.0
1	PDISP	21.00000	19.00000	99.30000	0.08002	99.150	0.0	0.0	0.0
1	PDISP	22.00000	19.00000	99.30000	0.07395	99.150	0.0	0.0	0.0
1	PDISP	23.00000	19.00000	99.30000	0.06835	99.150	0.0	0.0	0.0
1	PDISP	24.00000	19.00000	99.30000	0.06317	99.150	0.0	0.0	0.0
1	PDISP	25.00000	19.00000	99.30000	0.05837	99.150	0.0	0.0	0.0
1	PDISP	26.00000	19.00000	99.30000	0.05392	99.150	0.0	0.0	0.0
1	PDISP	27.00000	19.00000	99.30000	0.04980	99.150	0.0	0.0	0.0
1	PDISP	28.00000	19.00000	99.30000	0.04597	99.150	0.0	0.0	0.0
1	PDISP	29.00000	19.00000	99.30000	0.04242	99.150	0.0	0.0	0.0
1	PDISP	30.00000	19.00000	99.30000	0.03913	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	20.00000	99.30000	0.07392	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	20.00000	99.30000	0.08002	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	20.00000	99.30000	0.08664	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	20.00000	99.30000	0.09382	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	20.00000	99.30000	0.10163	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	20.00000	99.30000	0.11013	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	20.00000	99.30000	0.11939	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	20.00000	99.30000	0.12949	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	20.00000	99.30000	0.14052	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	20.00000	99.30000	0.15258	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	20.00000	99.30000	0.16579	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	20.00000	99.30000	0.18025	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	20.00000	99.30000	0.19611	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	20.00000	99.30000	0.21349	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	20.00000	99.30000	0.23256	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	20.00000	99.30000	0.25343	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	20.00000	99.30000	0.27625	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	20.00000	99.30000	0.30108	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-27.00000	20.00000	99.30000	0.32793	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	20.00000	99.30000	0.35670	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	20.00000	99.30000	0.38708	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	20.00000	99.30000	0.41855	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	20.00000	99.30000	0.45029	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	20.00000	99.30000	0.48115	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	20.00000	99.30000	0.50973	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	20.00000	99.30000	0.53456	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	20.00000	99.30000	0.55443	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	20.00000	99.30000	0.56882	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	20.00000	99.30000	0.57804	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	20.00000	99.30000	0.58303	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	20.00000	99.30000	0.58487	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	20.00000	99.30000	0.58440	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	20.00000	99.30000	0.58204	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	20.00000	99.30000	0.57790	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	20.00000	99.30000	0.57190	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	20.00000	99.30000	0.56386	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	20.00000	99.30000	0.55364	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	20.00000	99.30000	0.54112	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	20.00000	99.30000	0.52632	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	20.00000	99.30000	0.50933	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	20.00000	99.30000	0.49035	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	20.00000	99.30000	0.46965	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	20.00000	99.30000	0.44759	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	20.00000	99.30000	0.42456	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	20.00000	99.30000	0.40097	99.150	0.0	0.0	0.0
1	PDISP	0.00000	20.00000	99.30000	0.37719	99.150	0.0	0.0	0.0
1	PDISP	1.00000	20.00000	99.30000	0.35361	99.150	0.0	0.0	0.0
1	PDISP	2.00000	20.00000	99.30000	0.33051	99.150	0.0	0.0	0.0
1	PDISP	3.00000	20.00000	99.30000	0.30815	99.150	0.0	0.0	0.0
1	PDISP	4.00000	20.00000	99.30000	0.28670	99.150	0.0	0.0	0.0
1	PDISP	5.00000	20.00000	99.30000	0.26631	99.150	0.0	0.0	0.0
1	PDISP	6.00000	20.00000	99.30000	0.24705	99.150	0.0	0.0	0.0
1	PDISP	7.00000	20.00000	99.30000	0.22896	99.150	0.0	0.0	0.0
1	PDISP	8.00000	20.00000	99.30000	0.21203	99.150	0.0	0.0	0.0
1	PDISP	9.00000	20.00000	99.30000	0.19626	99.150	0.0	0.0	0.0
1	PDISP	10.00000	20.00000	99.30000	0.18160	99.150	0.0	0.0	0.0
1	PDISP	11.00000	20.00000	99.30000	0.16800	99.150	0.0	0.0	0.0
1	PDISP	12.00000	20.00000	99.30000	0.15541	99.150	0.0	0.0	0.0
1	PDISP	13.00000	20.00000	99.30000	0.14375	99.150	0.0	0.0	0.0
1	PDISP	14.00000	20.00000	99.30000	0.13298	99.150	0.0	0.0	0.0
1	PDISP	15.00000	20.00000	99.30000	0.12302	99.150	0.0	0.0	0.0
1	PDISP	16.00000	20.00000	99.30000	0.11381	99.150	0.0	0.0	0.0
1	PDISP	17.00000	20.00000	99.30000	0.10530	99.150	0.0	0.0	0.0
1	PDISP	18.00000	20.00000	99.30000	0.09744	99.150	0.0	0.0	0.0
1	PDISP	19.00000	20.00000	99.30000	0.09017	99.150	0.0	0.0	0.0
1	PDISP	20.00000	20.00000	99.30000	0.08344	99.150	0.0	0.0	0.0
1	PDISP	21.00000	20.00000	99.30000	0.07721	99.150	0.0	0.0	0.0
1	PDISP	22.00000	20.00000	99.30000	0.07144	99.150	0.0	0.0	0.0
1	PDISP	23.00000	20.00000	99.30000	0.06610	99.150	0.0	0.0	0.0
1	PDISP	24.00000	20.00000	99.30000	0.06115	99.150	0.0	0.0	0.0
1	PDISP	25.00000	20.00000	99.30000	0.05655	99.150	0.0	0.0	0.0
1	PDISP	26.00000	20.00000	99.30000	0.05228	99.150	0.0	0.0	0.0
1	PDISP	27.00000	20.00000	99.30000	0.04832	99.150	0.0	0.0	0.0
1	PDISP	28.00000	20.00000	99.30000	0.04464	99.150	0.0	0.0	0.0
1	PDISP	29.00000	20.00000	99.30000	0.04122	99.150	0.0	0.0	0.0
1	PDISP	30.00000	20.00000	99.30000	0.03803	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	21.00000	99.30000	0.07135	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	21.00000	99.30000	0.07715	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	21.00000	99.30000	0.08342	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	21.00000	99.30000	0.09021	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	21.00000	99.30000	0.09757	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	21.00000	99.30000	0.10554	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	21.00000	99.30000	0.11420	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	21.00000	99.30000	0.12361	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	21.00000	99.30000	0.13384	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	21.00000	99.30000	0.14496	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	21.00000	99.30000	0.15706	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	21.00000	99.30000	0.17024	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	21.00000	99.30000	0.18457	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-32.00000	21.00000	99.30000	0.20016	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	21.00000	99.30000	0.21709	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	21.00000	99.30000	0.23543	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	21.00000	99.30000	0.25524	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	21.00000	99.30000	0.27652	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	21.00000	99.30000	0.29920	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	21.00000	99.30000	0.32313	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	21.00000	99.30000	0.34801	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	21.00000	99.30000	0.37340	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	21.00000	99.30000	0.39867	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	21.00000	99.30000	0.42303	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	21.00000	99.30000	0.44559	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	21.00000	99.30000	0.46546	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	21.00000	99.30000	0.48196	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	21.00000	99.30000	0.49475	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	21.00000	99.30000	0.50391	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	21.00000	99.30000	0.50983	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	21.00000	99.30000	0.51303	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	21.00000	99.30000	0.51395	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	21.00000	99.30000	0.51291	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	21.00000	99.30000	0.51001	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	21.00000	99.30000	0.50528	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	21.00000	99.30000	0.49867	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	21.00000	99.30000	0.49012	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	21.00000	99.30000	0.47963	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	21.00000	99.30000	0.46723	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	21.00000	99.30000	0.45301	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	21.00000	99.30000	0.43714	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	21.00000	99.30000	0.41984	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	21.00000	99.30000	0.40139	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	21.00000	99.30000	0.38209	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	21.00000	99.30000	0.36224	99.150	0.0	0.0	0.0
1	PDISP	0.00000	21.00000	99.30000	0.34215	99.150	0.0	0.0	0.0
1	PDISP	1.00000	21.00000	99.30000	0.32210	99.150	0.0	0.0	0.0
1	PDISP	2.00000	21.00000	99.30000	0.30234	99.150	0.0	0.0	0.0
1	PDISP	3.00000	21.00000	99.30000	0.28308	99.150	0.0	0.0	0.0
1	PDISP	4.00000	21.00000	99.30000	0.26448	99.150	0.0	0.0	0.0
1	PDISP	5.00000	21.00000	99.30000	0.24666	99.150	0.0	0.0	0.0
1	PDISP	6.00000	21.00000	99.30000	0.22971	99.150	0.0	0.0	0.0
1	PDISP	7.00000	21.00000	99.30000	0.21367	99.150	0.0	0.0	0.0
1	PDISP	8.00000	21.00000	99.30000	0.19856	99.150	0.0	0.0	0.0
1	PDISP	9.00000	21.00000	99.30000	0.18439	99.150	0.0	0.0	0.0
1	PDISP	10.00000	21.00000	99.30000	0.17114	99.150	0.0	0.0	0.0
1	PDISP	11.00000	21.00000	99.30000	0.15877	99.150	0.0	0.0	0.0
1	PDISP	12.00000	21.00000	99.30000	0.14726	99.150	0.0	0.0	0.0
1	PDISP	13.00000	21.00000	99.30000	0.13655	99.150	0.0	0.0	0.0
1	PDISP	14.00000	21.00000	99.30000	0.12660	99.150	0.0	0.0	0.0
1	PDISP	15.00000	21.00000	99.30000	0.11736	99.150	0.0	0.0	0.0
1	PDISP	16.00000	21.00000	99.30000	0.10879	99.150	0.0	0.0	0.0
1	PDISP	17.00000	21.00000	99.30000	0.10083	99.150	0.0	0.0	0.0
1	PDISP	18.00000	21.00000	99.30000	0.09345	99.150	0.0	0.0	0.0
1	PDISP	19.00000	21.00000	99.30000	0.08661	99.150	0.0	0.0	0.0
1	PDISP	20.00000	21.00000	99.30000	0.08026	99.150	0.0	0.0	0.0
1	PDISP	21.00000	21.00000	99.30000	0.07436	99.150	0.0	0.0	0.0
1	PDISP	22.00000	21.00000	99.30000	0.06889	99.150	0.0	0.0	0.0
1	PDISP	23.00000	21.00000	99.30000	0.06380	99.150	0.0	0.0	0.0
1	PDISP	24.00000	21.00000	99.30000	0.05908	99.150	0.0	0.0	0.0
1	PDISP	25.00000	21.00000	99.30000	0.05469	99.150	0.0	0.0	0.0
1	PDISP	26.00000	21.00000	99.30000	0.05060	99.150	0.0	0.0	0.0
1	PDISP	27.00000	21.00000	99.30000	0.04680	99.150	0.0	0.0	0.0
1	PDISP	28.00000	21.00000	99.30000	0.04326	99.150	0.0	0.0	0.0
1	PDISP	29.00000	21.00000	99.30000	0.03997	99.150	0.0	0.0	0.0
1	PDISP	30.00000	21.00000	99.30000	0.03690	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	22.00000	99.30000	0.06874	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	22.00000	99.30000	0.07423	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	22.00000	99.30000	0.08016	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	22.00000	99.30000	0.08656	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	22.00000	99.30000	0.09348	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	22.00000	99.30000	0.10095	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	22.00000	99.30000	0.10902	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	22.00000	99.30000	0.11776	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-37.00000	22.00000	99.30000	0.12721	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	22.00000	99.30000	0.13744	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	22.00000	99.30000	0.14851	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	22.00000	99.30000	0.16048	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	22.00000	99.30000	0.17341	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	22.00000	99.30000	0.18736	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	22.00000	99.30000	0.20238	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	22.00000	99.30000	0.21850	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	22.00000	99.30000	0.23573	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	22.00000	99.30000	0.25402	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	22.00000	99.30000	0.27328	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	22.00000	99.30000	0.29335	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	22.00000	99.30000	0.31397	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	22.00000	99.30000	0.33477	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	22.00000	99.30000	0.35528	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	22.00000	99.30000	0.37497	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	22.00000	99.30000	0.39322	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	22.00000	99.30000	0.40949	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	22.00000	99.30000	0.42334	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	22.00000	99.30000	0.43453	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	22.00000	99.30000	0.44303	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	22.00000	99.30000	0.44900	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	22.00000	99.30000	0.45267	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	22.00000	99.30000	0.45430	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	22.00000	99.30000	0.45406	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	22.00000	99.30000	0.45206	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	22.00000	99.30000	0.44834	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	22.00000	99.30000	0.44292	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	22.00000	99.30000	0.43579	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	22.00000	99.30000	0.42699	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	22.00000	99.30000	0.41656	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	22.00000	99.30000	0.40461	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	22.00000	99.30000	0.39127	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	22.00000	99.30000	0.37672	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	22.00000	99.30000	0.36118	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	22.00000	99.30000	0.34489	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	22.00000	99.30000	0.32808	99.150	0.0	0.0	0.0
1	PDISP	0.00000	22.00000	99.30000	0.31100	99.150	0.0	0.0	0.0
1	PDISP	1.00000	22.00000	99.30000	0.29387	99.150	0.0	0.0	0.0
1	PDISP	2.00000	22.00000	99.30000	0.27689	99.150	0.0	0.0	0.0
1	PDISP	3.00000	22.00000	99.30000	0.26023	99.150	0.0	0.0	0.0
1	PDISP	4.00000	22.00000	99.30000	0.24405	99.150	0.0	0.0	0.0
1	PDISP	5.00000	22.00000	99.30000	0.22844	99.150	0.0	0.0	0.0
1	PDISP	6.00000	22.00000	99.30000	0.21350	99.150	0.0	0.0	0.0
1	PDISP	7.00000	22.00000	99.30000	0.19927	99.150	0.0	0.0	0.0
1	PDISP	8.00000	22.00000	99.30000	0.18578	99.150	0.0	0.0	0.0
1	PDISP	9.00000	22.00000	99.30000	0.17305	99.150	0.0	0.0	0.0
1	PDISP	10.00000	22.00000	99.30000	0.16107	99.150	0.0	0.0	0.0
1	PDISP	11.00000	22.00000	99.30000	0.14984	99.150	0.0	0.0	0.0
1	PDISP	12.00000	22.00000	99.30000	0.13932	99.150	0.0	0.0	0.0
1	PDISP	13.00000	22.00000	99.30000	0.12949	99.150	0.0	0.0	0.0
1	PDISP	14.00000	22.00000	99.30000	0.12032	99.150	0.0	0.0	0.0
1	PDISP	15.00000	22.00000	99.30000	0.11177	99.150	0.0	0.0	0.0
1	PDISP	16.00000	22.00000	99.30000	0.10380	99.150	0.0	0.0	0.0
1	PDISP	17.00000	22.00000	99.30000	0.09638	99.150	0.0	0.0	0.0
1	PDISP	18.00000	22.00000	99.30000	0.08947	99.150	0.0	0.0	0.0
1	PDISP	19.00000	22.00000	99.30000	0.08304	99.150	0.0	0.0	0.0
1	PDISP	20.00000	22.00000	99.30000	0.07706	99.150	0.0	0.0	0.0
1	PDISP	21.00000	22.00000	99.30000	0.07149	99.150	0.0	0.0	0.0
1	PDISP	22.00000	22.00000	99.30000	0.06630	99.150	0.0	0.0	0.0
1	PDISP	23.00000	22.00000	99.30000	0.06147	99.150	0.0	0.0	0.0
1	PDISP	24.00000	22.00000	99.30000	0.05698	99.150	0.0	0.0	0.0
1	PDISP	25.00000	22.00000	99.30000	0.05279	99.150	0.0	0.0	0.0
1	PDISP	26.00000	22.00000	99.30000	0.04889	99.150	0.0	0.0	0.0
1	PDISP	27.00000	22.00000	99.30000	0.04525	99.150	0.0	0.0	0.0
1	PDISP	28.00000	22.00000	99.30000	0.04186	99.150	0.0	0.0	0.0
1	PDISP	29.00000	22.00000	99.30000	0.03869	99.150	0.0	0.0	0.0
1	PDISP	30.00000	22.00000	99.30000	0.03574	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	23.00000	99.30000	0.06609	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	23.00000	99.30000	0.07129	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	23.00000	99.30000	0.07688	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-42.00000	23.00000	99.30000	0.08290	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	23.00000	99.30000	0.08938	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	23.00000	99.30000	0.09636	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	23.00000	99.30000	0.10388	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	23.00000	99.30000	0.11198	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	23.00000	99.30000	0.12070	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	23.00000	99.30000	0.13008	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	23.00000	99.30000	0.14018	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	23.00000	99.30000	0.15104	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	23.00000	99.30000	0.16269	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	23.00000	99.30000	0.17517	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	23.00000	99.30000	0.18850	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	23.00000	99.30000	0.20268	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	23.00000	99.30000	0.21768	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	23.00000	99.30000	0.23346	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	23.00000	99.30000	0.24992	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	23.00000	99.30000	0.26688	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	23.00000	99.30000	0.28414	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	23.00000	99.30000	0.30140	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	23.00000	99.30000	0.31833	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	23.00000	99.30000	0.33452	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	23.00000	99.30000	0.34956	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	23.00000	99.30000	0.36309	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	23.00000	99.30000	0.37481	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	23.00000	99.30000	0.38452	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	23.00000	99.30000	0.39217	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	23.00000	99.30000	0.39780	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	23.00000	99.30000	0.40152	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	23.00000	99.30000	0.40344	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	23.00000	99.30000	0.40368	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	23.00000	99.30000	0.40232	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	23.00000	99.30000	0.39939	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	23.00000	99.30000	0.39494	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	23.00000	99.30000	0.38900	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	23.00000	99.30000	0.38160	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	23.00000	99.30000	0.37281	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	23.00000	99.30000	0.36271	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	23.00000	99.30000	0.35144	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	23.00000	99.30000	0.33914	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	23.00000	99.30000	0.32598	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	23.00000	99.30000	0.31214	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	23.00000	99.30000	0.29783	99.150	0.0	0.0	0.0
1	PDISP	0.00000	23.00000	99.30000	0.28322	99.150	0.0	0.0	0.0
1	PDISP	1.00000	23.00000	99.30000	0.26851	99.150	0.0	0.0	0.0
1	PDISP	2.00000	23.00000	99.30000	0.25385	99.150	0.0	0.0	0.0
1	PDISP	3.00000	23.00000	99.30000	0.23940	99.150	0.0	0.0	0.0
1	PDISP	4.00000	23.00000	99.30000	0.22527	99.150	0.0	0.0	0.0
1	PDISP	5.00000	23.00000	99.30000	0.21158	99.150	0.0	0.0	0.0
1	PDISP	6.00000	23.00000	99.30000	0.19838	99.150	0.0	0.0	0.0
1	PDISP	7.00000	23.00000	99.30000	0.18573	99.150	0.0	0.0	0.0
1	PDISP	8.00000	23.00000	99.30000	0.17369	99.150	0.0	0.0	0.0
1	PDISP	9.00000	23.00000	99.30000	0.16225	99.150	0.0	0.0	0.0
1	PDISP	10.00000	23.00000	99.30000	0.15143	99.150	0.0	0.0	0.0
1	PDISP	11.00000	23.00000	99.30000	0.14123	99.150	0.0	0.0	0.0
1	PDISP	12.00000	23.00000	99.30000	0.13164	99.150	0.0	0.0	0.0
1	PDISP	13.00000	23.00000	99.30000	0.12263	99.150	0.0	0.0	0.0
1	PDISP	14.00000	23.00000	99.30000	0.11418	99.150	0.0	0.0	0.0
1	PDISP	15.00000	23.00000	99.30000	0.10627	99.150	0.0	0.0	0.0
1	PDISP	16.00000	23.00000	99.30000	0.09888	99.150	0.0	0.0	0.0
1	PDISP	17.00000	23.00000	99.30000	0.09197	99.150	0.0	0.0	0.0
1	PDISP	18.00000	23.00000	99.30000	0.08551	99.150	0.0	0.0	0.0
1	PDISP	19.00000	23.00000	99.30000	0.07948	99.150	0.0	0.0	0.0
1	PDISP	20.00000	23.00000	99.30000	0.07385	99.150	0.0	0.0	0.0
1	PDISP	21.00000	23.00000	99.30000	0.06860	99.150	0.0	0.0	0.0
1	PDISP	22.00000	23.00000	99.30000	0.06370	99.150	0.0	0.0	0.0
1	PDISP	23.00000	23.00000	99.30000	0.05912	99.150	0.0	0.0	0.0
1	PDISP	24.00000	23.00000	99.30000	0.05485	99.150	0.0	0.0	0.0
1	PDISP	25.00000	23.00000	99.30000	0.05087	99.150	0.0	0.0	0.0
1	PDISP	26.00000	23.00000	99.30000	0.04714	99.150	0.0	0.0	0.0
1	PDISP	27.00000	23.00000	99.30000	0.04367	99.150	0.0	0.0	0.0
1	PDISP	28.00000	23.00000	99.30000	0.04042	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	29.00000	23.00000	99.30000	0.03739	99.150	0.0	0.0	0.0
1	PDISP	30.00000	23.00000	99.30000	0.03455	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	24.00000	99.30000	0.06344	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	24.00000	99.30000	0.06834	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	24.00000	99.30000	0.07361	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	24.00000	99.30000	0.07926	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	24.00000	99.30000	0.08532	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	24.00000	99.30000	0.09183	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	24.00000	99.30000	0.09881	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	24.00000	99.30000	0.10630	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	24.00000	99.30000	0.11432	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	24.00000	99.30000	0.12292	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	24.00000	99.30000	0.13213	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	24.00000	99.30000	0.14197	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	24.00000	99.30000	0.15246	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	24.00000	99.30000	0.16362	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	24.00000	99.30000	0.17545	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	24.00000	99.30000	0.18793	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	24.00000	99.30000	0.20104	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	24.00000	99.30000	0.21471	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	24.00000	99.30000	0.22884	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	24.00000	99.30000	0.24328	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	24.00000	99.30000	0.25787	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	24.00000	99.30000	0.27236	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	24.00000	99.30000	0.28650	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	24.00000	99.30000	0.30000	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	24.00000	99.30000	0.31257	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	24.00000	99.30000	0.32395	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	24.00000	99.30000	0.33392	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	24.00000	99.30000	0.34233	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	24.00000	99.30000	0.34911	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	24.00000	99.30000	0.35426	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	24.00000	99.30000	0.35779	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	24.00000	99.30000	0.35979	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	24.00000	99.30000	0.36030	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	24.00000	99.30000	0.35938	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	24.00000	99.30000	0.35708	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	24.00000	99.30000	0.35342	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	24.00000	99.30000	0.34845	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	24.00000	99.30000	0.34221	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	24.00000	99.30000	0.33478	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	24.00000	99.30000	0.32622	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	24.00000	99.30000	0.31666	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	24.00000	99.30000	0.30620	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	24.00000	99.30000	0.29499	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	24.00000	99.30000	0.28318	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	24.00000	99.30000	0.27092	99.150	0.0	0.0	0.0
1	PDISP	0.00000	24.00000	99.30000	0.25837	99.150	0.0	0.0	0.0
1	PDISP	1.00000	24.00000	99.30000	0.24568	99.150	0.0	0.0	0.0
1	PDISP	2.00000	24.00000	99.30000	0.23298	99.150	0.0	0.0	0.0
1	PDISP	3.00000	24.00000	99.30000	0.22039	99.150	0.0	0.0	0.0
1	PDISP	4.00000	24.00000	99.30000	0.20803	99.150	0.0	0.0	0.0
1	PDISP	5.00000	24.00000	99.30000	0.19597	99.150	0.0	0.0	0.0
1	PDISP	6.00000	24.00000	99.30000	0.18430	99.150	0.0	0.0	0.0
1	PDISP	7.00000	24.00000	99.30000	0.17305	99.150	0.0	0.0	0.0
1	PDISP	8.00000	24.00000	99.30000	0.16228	99.150	0.0	0.0	0.0
1	PDISP	9.00000	24.00000	99.30000	0.15200	99.150	0.0	0.0	0.0
1	PDISP	10.00000	24.00000	99.30000	0.14223	99.150	0.0	0.0	0.0
1	PDISP	11.00000	24.00000	99.30000	0.13297	99.150	0.0	0.0	0.0
1	PDISP	12.00000	24.00000	99.30000	0.12422	99.150	0.0	0.0	0.0
1	PDISP	13.00000	24.00000	99.30000	0.11597	99.150	0.0	0.0	0.0
1	PDISP	14.00000	24.00000	99.30000	0.10820	99.150	0.0	0.0	0.0
1	PDISP	15.00000	24.00000	99.30000	0.10090	99.150	0.0	0.0	0.0
1	PDISP	16.00000	24.00000	99.30000	0.09405	99.150	0.0	0.0	0.0
1	PDISP	17.00000	24.00000	99.30000	0.08762	99.150	0.0	0.0	0.0
1	PDISP	18.00000	24.00000	99.30000	0.08159	99.150	0.0	0.0	0.0
1	PDISP	19.00000	24.00000	99.30000	0.07595	99.150	0.0	0.0	0.0
1	PDISP	20.00000	24.00000	99.30000	0.07067	99.150	0.0	0.0	0.0
1	PDISP	21.00000	24.00000	99.30000	0.06572	99.150	0.0	0.0	0.0
1	PDISP	22.00000	24.00000	99.30000	0.06110	99.150	0.0	0.0	0.0
1	PDISP	23.00000	24.00000	99.30000	0.05677	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	24.00000	24.00000	99.30000	0.05272	99.150	0.0	0.0	0.0
1	PDISP	25.00000	24.00000	99.30000	0.04893	99.150	0.0	0.0	0.0
1	PDISP	26.00000	24.00000	99.30000	0.04539	99.150	0.0	0.0	0.0
1	PDISP	27.00000	24.00000	99.30000	0.04207	99.150	0.0	0.0	0.0
1	PDISP	28.00000	24.00000	99.30000	0.03897	99.150	0.0	0.0	0.0
1	PDISP	29.00000	24.00000	99.30000	0.03606	99.150	0.0	0.0	0.0
1	PDISP	30.00000	24.00000	99.30000	0.03335	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	25.00000	99.30000	0.06078	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	25.00000	99.30000	0.06540	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	25.00000	99.30000	0.07035	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	25.00000	99.30000	0.07564	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	25.00000	99.30000	0.08130	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	25.00000	99.30000	0.08736	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	25.00000	99.30000	0.09383	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	25.00000	99.30000	0.10075	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	25.00000	99.30000	0.10813	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	25.00000	99.30000	0.11600	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	25.00000	99.30000	0.12438	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	25.00000	99.30000	0.13328	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	25.00000	99.30000	0.14273	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	25.00000	99.30000	0.15271	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	25.00000	99.30000	0.16322	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	25.00000	99.30000	0.17424	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	25.00000	99.30000	0.18573	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	25.00000	99.30000	0.19761	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	25.00000	99.30000	0.20980	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	25.00000	99.30000	0.22219	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	25.00000	99.30000	0.23461	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	25.00000	99.30000	0.24689	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	25.00000	99.30000	0.25883	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	25.00000	99.30000	0.27021	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	25.00000	99.30000	0.28083	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	25.00000	99.30000	0.29048	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	25.00000	99.30000	0.29901	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	25.00000	99.30000	0.30629	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	25.00000	99.30000	0.31226	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	25.00000	99.30000	0.31687	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	25.00000	99.30000	0.32014	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	25.00000	99.30000	0.32208	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	25.00000	99.30000	0.32273	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	25.00000	99.30000	0.32213	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	25.00000	99.30000	0.32030	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	25.00000	99.30000	0.31728	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	25.00000	99.30000	0.31312	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	25.00000	99.30000	0.30785	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	25.00000	99.30000	0.30154	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	25.00000	99.30000	0.29426	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	25.00000	99.30000	0.28611	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	25.00000	99.30000	0.27717	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	25.00000	99.30000	0.26758	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	25.00000	99.30000	0.25745	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	25.00000	99.30000	0.24690	99.150	0.0	0.0	0.0
1	PDISP	0.00000	25.00000	99.30000	0.23607	99.150	0.0	0.0	0.0
1	PDISP	1.00000	25.00000	99.30000	0.22508	99.150	0.0	0.0	0.0
1	PDISP	2.00000	25.00000	99.30000	0.21403	99.150	0.0	0.0	0.0
1	PDISP	3.00000	25.00000	99.30000	0.20303	99.150	0.0	0.0	0.0
1	PDISP	4.00000	25.00000	99.30000	0.19218	99.150	0.0	0.0	0.0
1	PDISP	5.00000	25.00000	99.30000	0.18155	99.150	0.0	0.0	0.0
1	PDISP	6.00000	25.00000	99.30000	0.17120	99.150	0.0	0.0	0.0
1	PDISP	7.00000	25.00000	99.30000	0.16119	99.150	0.0	0.0	0.0
1	PDISP	8.00000	25.00000	99.30000	0.15155	99.150	0.0	0.0	0.0
1	PDISP	9.00000	25.00000	99.30000	0.14231	99.150	0.0	0.0	0.0
1	PDISP	10.00000	25.00000	99.30000	0.13348	99.150	0.0	0.0	0.0
1	PDISP	11.00000	25.00000	99.30000	0.12508	99.150	0.0	0.0	0.0
1	PDISP	12.00000	25.00000	99.30000	0.11710	99.150	0.0	0.0	0.0
1	PDISP	13.00000	25.00000	99.30000	0.10955	99.150	0.0	0.0	0.0
1	PDISP	14.00000	25.00000	99.30000	0.10241	99.150	0.0	0.0	0.0
1	PDISP	15.00000	25.00000	99.30000	0.09567	99.150	0.0	0.0	0.0
1	PDISP	16.00000	25.00000	99.30000	0.08933	99.150	0.0	0.0	0.0
1	PDISP	17.00000	25.00000	99.30000	0.08336	99.150	0.0	0.0	0.0
1	PDISP	18.00000	25.00000	99.30000	0.07774	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	19.00000	25.00000	99.30000	0.07247	99.150	0.0	0.0	0.0
1	PDISP	20.00000	25.00000	99.30000	0.06751	99.150	0.0	0.0	0.0
1	PDISP	21.00000	25.00000	99.30000	0.06287	99.150	0.0	0.0	0.0
1	PDISP	22.00000	25.00000	99.30000	0.05851	99.150	0.0	0.0	0.0
1	PDISP	23.00000	25.00000	99.30000	0.05442	99.150	0.0	0.0	0.0
1	PDISP	24.00000	25.00000	99.30000	0.05058	99.150	0.0	0.0	0.0
1	PDISP	25.00000	25.00000	99.30000	0.04699	99.150	0.0	0.0	0.0
1	PDISP	26.00000	25.00000	99.30000	0.04362	99.150	0.0	0.0	0.0
1	PDISP	27.00000	25.00000	99.30000	0.04046	99.150	0.0	0.0	0.0
1	PDISP	28.00000	25.00000	99.30000	0.03750	99.150	0.0	0.0	0.0
1	PDISP	29.00000	25.00000	99.30000	0.03473	99.150	0.0	0.0	0.0
1	PDISP	30.00000	25.00000	99.30000	0.03213	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	26.00000	99.30000	0.05814	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	26.00000	99.30000	0.06248	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	26.00000	99.30000	0.06713	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	26.00000	99.30000	0.07208	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	26.00000	99.30000	0.07735	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	26.00000	99.30000	0.08298	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	26.00000	99.30000	0.08897	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	26.00000	99.30000	0.09535	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	26.00000	99.30000	0.10213	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	26.00000	99.30000	0.10933	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	26.00000	99.30000	0.11695	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	26.00000	99.30000	0.12501	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	26.00000	99.30000	0.13351	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	26.00000	99.30000	0.14245	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	26.00000	99.30000	0.15180	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	26.00000	99.30000	0.16154	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	26.00000	99.30000	0.17163	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	26.00000	99.30000	0.18201	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	26.00000	99.30000	0.19258	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	26.00000	99.30000	0.20326	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	26.00000	99.30000	0.21392	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	26.00000	99.30000	0.22441	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	26.00000	99.30000	0.23458	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	26.00000	99.30000	0.24426	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	26.00000	99.30000	0.25330	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	26.00000	99.30000	0.26155	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	26.00000	99.30000	0.26888	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	26.00000	99.30000	0.27519	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	26.00000	99.30000	0.28042	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	26.00000	99.30000	0.28452	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	26.00000	99.30000	0.28748	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	26.00000	99.30000	0.28931	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	26.00000	99.30000	0.29003	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	26.00000	99.30000	0.28964	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	26.00000	99.30000	0.28818	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	26.00000	99.30000	0.28568	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	26.00000	99.30000	0.28218	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	26.00000	99.30000	0.27771	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	26.00000	99.30000	0.27234	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	26.00000	99.30000	0.26612	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	26.00000	99.30000	0.25914	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	26.00000	99.30000	0.25148	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	26.00000	99.30000	0.24324	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	26.00000	99.30000	0.23451	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	26.00000	99.30000	0.22540	99.150	0.0	0.0	0.0
1	PDISP	0.00000	26.00000	99.30000	0.21601	99.150	0.0	0.0	0.0
1	PDISP	1.00000	26.00000	99.30000	0.20645	99.150	0.0	0.0	0.0
1	PDISP	2.00000	26.00000	99.30000	0.19680	99.150	0.0	0.0	0.0
1	PDISP	3.00000	26.00000	99.30000	0.18717	99.150	0.0	0.0	0.0
1	PDISP	4.00000	26.00000	99.30000	0.17762	99.150	0.0	0.0	0.0
1	PDISP	5.00000	26.00000	99.30000	0.16822	99.150	0.0	0.0	0.0
1	PDISP	6.00000	26.00000	99.30000	0.15904	99.150	0.0	0.0	0.0
1	PDISP	7.00000	26.00000	99.30000	0.15011	99.150	0.0	0.0	0.0
1	PDISP	8.00000	26.00000	99.30000	0.14147	99.150	0.0	0.0	0.0
1	PDISP	9.00000	26.00000	99.30000	0.13315	99.150	0.0	0.0	0.0
1	PDISP	10.00000	26.00000	99.30000	0.12517	99.150	0.0	0.0	0.0
1	PDISP	11.00000	26.00000	99.30000	0.11755	99.150	0.0	0.0	0.0
1	PDISP	12.00000	26.00000	99.30000	0.11028	99.150	0.0	0.0	0.0
1	PDISP	13.00000	26.00000	99.30000	0.10337	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	14.00000	26.00000	99.30000	0.09681	99.150	0.0	0.0	0.0
1	PDISP	15.00000	26.00000	99.30000	0.09060	99.150	0.0	0.0	0.0
1	PDISP	16.00000	26.00000	99.30000	0.08473	99.150	0.0	0.0	0.0
1	PDISP	17.00000	26.00000	99.30000	0.07919	99.150	0.0	0.0	0.0
1	PDISP	18.00000	26.00000	99.30000	0.07397	99.150	0.0	0.0	0.0
1	PDISP	19.00000	26.00000	99.30000	0.06904	99.150	0.0	0.0	0.0
1	PDISP	20.00000	26.00000	99.30000	0.06440	99.150	0.0	0.0	0.0
1	PDISP	21.00000	26.00000	99.30000	0.06004	99.150	0.0	0.0	0.0
1	PDISP	22.00000	26.00000	99.30000	0.05594	99.150	0.0	0.0	0.0
1	PDISP	23.00000	26.00000	99.30000	0.05208	99.150	0.0	0.0	0.0
1	PDISP	24.00000	26.00000	99.30000	0.04846	99.150	0.0	0.0	0.0
1	PDISP	25.00000	26.00000	99.30000	0.04505	99.150	0.0	0.0	0.0
1	PDISP	26.00000	26.00000	99.30000	0.04185	99.150	0.0	0.0	0.0
1	PDISP	27.00000	26.00000	99.30000	0.03885	99.150	0.0	0.0	0.0
1	PDISP	28.00000	26.00000	99.30000	0.03603	99.150	0.0	0.0	0.0
1	PDISP	29.00000	26.00000	99.30000	0.03338	99.150	0.0	0.0	0.0
1	PDISP	30.00000	26.00000	99.30000	0.03090	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	27.00000	99.30000	0.05552	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	27.00000	99.30000	0.05960	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	27.00000	99.30000	0.06395	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	27.00000	99.30000	0.06857	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	27.00000	99.30000	0.07349	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	27.00000	99.30000	0.07871	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	27.00000	99.30000	0.08425	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	27.00000	99.30000	0.09013	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	27.00000	99.30000	0.09635	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	27.00000	99.30000	0.10292	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	27.00000	99.30000	0.10986	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	27.00000	99.30000	0.11716	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	27.00000	99.30000	0.12481	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	27.00000	99.30000	0.13282	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	27.00000	99.30000	0.14115	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	27.00000	99.30000	0.14978	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	27.00000	99.30000	0.15867	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	27.00000	99.30000	0.16776	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	27.00000	99.30000	0.17698	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	27.00000	99.30000	0.18623	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	27.00000	99.30000	0.19543	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	27.00000	99.30000	0.20445	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	27.00000	99.30000	0.21318	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	27.00000	99.30000	0.22148	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	27.00000	99.30000	0.22923	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	27.00000	99.30000	0.23632	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	27.00000	99.30000	0.24265	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	27.00000	99.30000	0.24813	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	27.00000	99.30000	0.25270	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	27.00000	99.30000	0.25633	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	27.00000	99.30000	0.25899	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	27.00000	99.30000	0.26068	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	27.00000	99.30000	0.26140	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	27.00000	99.30000	0.26117	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	27.00000	99.30000	0.26000	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	27.00000	99.30000	0.25792	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	27.00000	99.30000	0.25496	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	27.00000	99.30000	0.25116	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	27.00000	99.30000	0.24657	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	27.00000	99.30000	0.24124	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	27.00000	99.30000	0.23524	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	27.00000	99.30000	0.22865	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	27.00000	99.30000	0.22153	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	27.00000	99.30000	0.21398	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	27.00000	99.30000	0.20608	99.150	0.0	0.0	0.0
1	PDISP	0.00000	27.00000	99.30000	0.19791	99.150	0.0	0.0	0.0
1	PDISP	1.00000	27.00000	99.30000	0.18957	99.150	0.0	0.0	0.0
1	PDISP	2.00000	27.00000	99.30000	0.18112	99.150	0.0	0.0	0.0
1	PDISP	3.00000	27.00000	99.30000	0.17266	99.150	0.0	0.0	0.0
1	PDISP	4.00000	27.00000	99.30000	0.16423	99.150	0.0	0.0	0.0
1	PDISP	5.00000	27.00000	99.30000	0.15591	99.150	0.0	0.0	0.0
1	PDISP	6.00000	27.00000	99.30000	0.14773	99.150	0.0	0.0	0.0
1	PDISP	7.00000	27.00000	99.30000	0.13976	99.150	0.0	0.0	0.0
1	PDISP	8.00000	27.00000	99.30000	0.13201	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	9.00000	27.00000	99.30000	0.12452	99.150	0.0	0.0	0.0
1	PDISP	10.00000	27.00000	99.30000	0.11731	99.150	0.0	0.0	0.0
1	PDISP	11.00000	27.00000	99.30000	0.11039	99.150	0.0	0.0	0.0
1	PDISP	12.00000	27.00000	99.30000	0.10376	99.150	0.0	0.0	0.0
1	PDISP	13.00000	27.00000	99.30000	0.09744	99.150	0.0	0.0	0.0
1	PDISP	14.00000	27.00000	99.30000	0.09142	99.150	0.0	0.0	0.0
1	PDISP	15.00000	27.00000	99.30000	0.08570	99.150	0.0	0.0	0.0
1	PDISP	16.00000	27.00000	99.30000	0.08028	99.150	0.0	0.0	0.0
1	PDISP	17.00000	27.00000	99.30000	0.07514	99.150	0.0	0.0	0.0
1	PDISP	18.00000	27.00000	99.30000	0.07028	99.150	0.0	0.0	0.0
1	PDISP	19.00000	27.00000	99.30000	0.06568	99.150	0.0	0.0	0.0
1	PDISP	20.00000	27.00000	99.30000	0.06135	99.150	0.0	0.0	0.0
1	PDISP	21.00000	27.00000	99.30000	0.05726	99.150	0.0	0.0	0.0
1	PDISP	22.00000	27.00000	99.30000	0.05340	99.150	0.0	0.0	0.0
1	PDISP	23.00000	27.00000	99.30000	0.04977	99.150	0.0	0.0	0.0
1	PDISP	24.00000	27.00000	99.30000	0.04635	99.150	0.0	0.0	0.0
1	PDISP	25.00000	27.00000	99.30000	0.04312	99.150	0.0	0.0	0.0
1	PDISP	26.00000	27.00000	99.30000	0.04009	99.150	0.0	0.0	0.0
1	PDISP	27.00000	27.00000	99.30000	0.03724	99.150	0.0	0.0	0.0
1	PDISP	28.00000	27.00000	99.30000	0.03456	99.150	0.0	0.0	0.0
1	PDISP	29.00000	27.00000	99.30000	0.03204	99.150	0.0	0.0	0.0
1	PDISP	30.00000	27.00000	99.30000	0.02966	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	28.00000	99.30000	0.05294	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	28.00000	99.30000	0.05677	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	28.00000	99.30000	0.06083	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	28.00000	99.30000	0.06515	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	28.00000	99.30000	0.06972	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	28.00000	99.30000	0.07456	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	28.00000	99.30000	0.07968	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	28.00000	99.30000	0.08509	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	28.00000	99.30000	0.09079	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	28.00000	99.30000	0.09680	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	28.00000	99.30000	0.10311	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	28.00000	99.30000	0.10972	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	28.00000	99.30000	0.11662	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	28.00000	99.30000	0.12380	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	28.00000	99.30000	0.13123	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	28.00000	99.30000	0.13890	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	28.00000	99.30000	0.14675	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	28.00000	99.30000	0.15474	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	28.00000	99.30000	0.16280	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	28.00000	99.30000	0.17087	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	28.00000	99.30000	0.17885	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	28.00000	99.30000	0.18666	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	28.00000	99.30000	0.19419	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	28.00000	99.30000	0.20135	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	28.00000	99.30000	0.20804	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	28.00000	99.30000	0.21416	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	28.00000	99.30000	0.21964	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	28.00000	99.30000	0.22441	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	28.00000	99.30000	0.22842	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	28.00000	99.30000	0.23162	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	28.00000	99.30000	0.23400	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	28.00000	99.30000	0.23554	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	28.00000	99.30000	0.23624	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	28.00000	99.30000	0.23611	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	28.00000	99.30000	0.23517	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	28.00000	99.30000	0.23342	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	28.00000	99.30000	0.23092	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	28.00000	99.30000	0.22767	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	28.00000	99.30000	0.22373	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	28.00000	99.30000	0.21915	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	28.00000	99.30000	0.21398	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	28.00000	99.30000	0.20828	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	28.00000	99.30000	0.20211	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	28.00000	99.30000	0.19555	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	28.00000	99.30000	0.18867	99.150	0.0	0.0	0.0
1	PDISP	0.00000	28.00000	99.30000	0.18155	99.150	0.0	0.0	0.0
1	PDISP	1.00000	28.00000	99.30000	0.17424	99.150	0.0	0.0	0.0
1	PDISP	2.00000	28.00000	99.30000	0.16683	99.150	0.0	0.0	0.0
1	PDISP	3.00000	28.00000	99.30000	0.15936	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	4.00000	28.00000	99.30000	0.15191	99.150	0.0	0.0	0.0
1	PDISP	5.00000	28.00000	99.30000	0.14452	99.150	0.0	0.0	0.0
1	PDISP	6.00000	28.00000	99.30000	0.13724	99.150	0.0	0.0	0.0
1	PDISP	7.00000	28.00000	99.30000	0.13011	99.150	0.0	0.0	0.0
1	PDISP	8.00000	28.00000	99.30000	0.12315	99.150	0.0	0.0	0.0
1	PDISP	9.00000	28.00000	99.30000	0.11640	99.150	0.0	0.0	0.0
1	PDISP	10.00000	28.00000	99.30000	0.10987	99.150	0.0	0.0	0.0
1	PDISP	11.00000	28.00000	99.30000	0.10359	99.150	0.0	0.0	0.0
1	PDISP	12.00000	28.00000	99.30000	0.09755	99.150	0.0	0.0	0.0
1	PDISP	13.00000	28.00000	99.30000	0.09177	99.150	0.0	0.0	0.0
1	PDISP	14.00000	28.00000	99.30000	0.08624	99.150	0.0	0.0	0.0
1	PDISP	15.00000	28.00000	99.30000	0.08098	99.150	0.0	0.0	0.0
1	PDISP	16.00000	28.00000	99.30000	0.07597	99.150	0.0	0.0	0.0
1	PDISP	17.00000	28.00000	99.30000	0.07120	99.150	0.0	0.0	0.0
1	PDISP	18.00000	28.00000	99.30000	0.06669	99.150	0.0	0.0	0.0
1	PDISP	19.00000	28.00000	99.30000	0.06241	99.150	0.0	0.0	0.0
1	PDISP	20.00000	28.00000	99.30000	0.05836	99.150	0.0	0.0	0.0
1	PDISP	21.00000	28.00000	99.30000	0.05453	99.150	0.0	0.0	0.0
1	PDISP	22.00000	28.00000	99.30000	0.05090	99.150	0.0	0.0	0.0
1	PDISP	23.00000	28.00000	99.30000	0.04749	99.150	0.0	0.0	0.0
1	PDISP	24.00000	28.00000	99.30000	0.04426	99.150	0.0	0.0	0.0
1	PDISP	25.00000	28.00000	99.30000	0.04122	99.150	0.0	0.0	0.0
1	PDISP	26.00000	28.00000	99.30000	0.03835	99.150	0.0	0.0	0.0
1	PDISP	27.00000	28.00000	99.30000	0.03564	99.150	0.0	0.0	0.0
1	PDISP	28.00000	28.00000	99.30000	0.03309	99.150	0.0	0.0	0.0
1	PDISP	29.00000	28.00000	99.30000	0.03069	99.150	0.0	0.0	0.0
1	PDISP	30.00000	28.00000	99.30000	0.02843	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	29.00000	99.30000	0.05040	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	29.00000	99.30000	0.05399	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	29.00000	99.30000	0.05779	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	29.00000	99.30000	0.06181	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	29.00000	99.30000	0.06606	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	29.00000	99.30000	0.07054	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	29.00000	99.30000	0.07527	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	29.00000	99.30000	0.08024	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	29.00000	99.30000	0.08547	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	29.00000	99.30000	0.09096	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	29.00000	99.30000	0.09670	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	29.00000	99.30000	0.10268	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	29.00000	99.30000	0.10891	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	29.00000	99.30000	0.11535	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	29.00000	99.30000	0.12200	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	29.00000	99.30000	0.12882	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	29.00000	99.30000	0.13578	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	29.00000	99.30000	0.14282	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	29.00000	99.30000	0.14990	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	29.00000	99.30000	0.15696	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	29.00000	99.30000	0.16392	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	29.00000	99.30000	0.17071	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	29.00000	99.30000	0.17725	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	29.00000	99.30000	0.18346	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	29.00000	99.30000	0.18926	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	29.00000	99.30000	0.19458	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	29.00000	99.30000	0.19934	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	29.00000	99.30000	0.20350	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	29.00000	99.30000	0.20701	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	29.00000	99.30000	0.20984	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	29.00000	99.30000	0.21195	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	29.00000	99.30000	0.21334	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	29.00000	99.30000	0.21401	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	29.00000	99.30000	0.21396	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	29.00000	99.30000	0.21319	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	29.00000	99.30000	0.21172	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	29.00000	99.30000	0.20959	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	29.00000	99.30000	0.20681	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	29.00000	99.30000	0.20342	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	29.00000	99.30000	0.19946	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	29.00000	99.30000	0.19498	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	29.00000	99.30000	0.19004	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	29.00000	99.30000	0.18468	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	29.00000	99.30000	0.17896	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Short term movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-1.00000	29.00000	99.30000	0.17296	99.150	0.0	0.0	0.0
1	PDISP	0.00000	29.00000	99.30000	0.16671	99.150	0.0	0.0	0.0
1	PDISP	1.00000	29.00000	99.30000	0.16030	99.150	0.0	0.0	0.0
1	PDISP	2.00000	29.00000	99.30000	0.15377	99.150	0.0	0.0	0.0
1	PDISP	3.00000	29.00000	99.30000	0.14717	99.150	0.0	0.0	0.0
1	PDISP	4.00000	29.00000	99.30000	0.14057	99.150	0.0	0.0	0.0
1	PDISP	5.00000	29.00000	99.30000	0.13399	99.150	0.0	0.0	0.0
1	PDISP	6.00000	29.00000	99.30000	0.12750	99.150	0.0	0.0	0.0
1	PDISP	7.00000	29.00000	99.30000	0.12110	99.150	0.0	0.0	0.0
1	PDISP	8.00000	29.00000	99.30000	0.11485	99.150	0.0	0.0	0.0
1	PDISP	9.00000	29.00000	99.30000	0.10876	99.150	0.0	0.0	0.0
1	PDISP	10.00000	29.00000	99.30000	0.10285	99.150	0.0	0.0	0.0
1	PDISP	11.00000	29.00000	99.30000	0.09714	99.150	0.0	0.0	0.0
1	PDISP	12.00000	29.00000	99.30000	0.09164	99.150	0.0	0.0	0.0
1	PDISP	13.00000	29.00000	99.30000	0.08635	99.150	0.0	0.0	0.0
1	PDISP	14.00000	29.00000	99.30000	0.08128	99.150	0.0	0.0	0.0
1	PDISP	15.00000	29.00000	99.30000	0.07643	99.150	0.0	0.0	0.0
1	PDISP	16.00000	29.00000	99.30000	0.07181	99.150	0.0	0.0	0.0
1	PDISP	17.00000	29.00000	99.30000	0.06740	99.150	0.0	0.0	0.0
1	PDISP	18.00000	29.00000	99.30000	0.06320	99.150	0.0	0.0	0.0
1	PDISP	19.00000	29.00000	99.30000	0.05922	99.150	0.0	0.0	0.0
1	PDISP	20.00000	29.00000	99.30000	0.05544	99.150	0.0	0.0	0.0
1	PDISP	21.00000	29.00000	99.30000	0.05185	99.150	0.0	0.0	0.0
1	PDISP	22.00000	29.00000	99.30000	0.04846	99.150	0.0	0.0	0.0
1	PDISP	23.00000	29.00000	99.30000	0.04524	99.150	0.0	0.0	0.0
1	PDISP	24.00000	29.00000	99.30000	0.04220	99.150	0.0	0.0	0.0
1	PDISP	25.00000	29.00000	99.30000	0.03933	99.150	0.0	0.0	0.0
1	PDISP	26.00000	29.00000	99.30000	0.03662	99.150	0.0	0.0	0.0
1	PDISP	27.00000	29.00000	99.30000	0.03406	99.150	0.0	0.0	0.0
1	PDISP	28.00000	29.00000	99.30000	0.03164	99.150	0.0	0.0	0.0
1	PDISP	29.00000	29.00000	99.30000	0.02936	99.150	0.0	0.0	0.0
1	PDISP	30.00000	29.00000	99.30000	0.02720	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	30.00000	99.30000	0.04791	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	30.00000	99.30000	0.05127	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	30.00000	99.30000	0.05482	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	30.00000	99.30000	0.05856	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	30.00000	99.30000	0.06251	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	30.00000	99.30000	0.06666	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	30.00000	99.30000	0.07102	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	30.00000	99.30000	0.07560	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	30.00000	99.30000	0.08039	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	30.00000	99.30000	0.08540	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	30.00000	99.30000	0.09062	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	30.00000	99.30000	0.09604	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	30.00000	99.30000	0.10166	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	30.00000	99.30000	0.10746	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	30.00000	99.30000	0.11341	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	30.00000	99.30000	0.11949	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	30.00000	99.30000	0.12567	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	30.00000	99.30000	0.13190	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	30.00000	99.30000	0.13814	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	30.00000	99.30000	0.14434	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	30.00000	99.30000	0.15044	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	30.00000	99.30000	0.15638	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	30.00000	99.30000	0.16208	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	30.00000	99.30000	0.16749	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	30.00000	99.30000	0.17254	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	30.00000	99.30000	0.17717	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	30.00000	99.30000	0.18133	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	30.00000	99.30000	0.18497	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	30.00000	99.30000	0.18805	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	30.00000	99.30000	0.19054	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	30.00000	99.30000	0.19242	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	30.00000	99.30000	0.19368	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	30.00000	99.30000	0.19430	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	30.00000	99.30000	0.19429	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	30.00000	99.30000	0.19366	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	30.00000	99.30000	0.19243	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	30.00000	99.30000	0.19060	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	30.00000	99.30000	0.18821	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	30.00000	99.30000	0.18528	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Short term movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-6.00000	30.00000	99.30000	0.18185	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	30.00000	99.30000	0.17797	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	30.00000	99.30000	0.17366	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	30.00000	99.30000	0.16899	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	30.00000	99.30000	0.16399	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	30.00000	99.30000	0.15873	99.150	0.0	0.0	0.0
1	PDISP	0.00000	30.00000	99.30000	0.15324	99.150	0.0	0.0	0.0
1	PDISP	1.00000	30.00000	99.30000	0.14759	99.150	0.0	0.0	0.0
1	PDISP	2.00000	30.00000	99.30000	0.14183	99.150	0.0	0.0	0.0
1	PDISP	3.00000	30.00000	99.30000	0.13598	99.150	0.0	0.0	0.0
1	PDISP	4.00000	30.00000	99.30000	0.13012	99.150	0.0	0.0	0.0
1	PDISP	5.00000	30.00000	99.30000	0.12426	99.150	0.0	0.0	0.0
1	PDISP	6.00000	30.00000	99.30000	0.11845	99.150	0.0	0.0	0.0
1	PDISP	7.00000	30.00000	99.30000	0.11271	99.150	0.0	0.0	0.0
1	PDISP	8.00000	30.00000	99.30000	0.10709	99.150	0.0	0.0	0.0
1	PDISP	9.00000	30.00000	99.30000	0.10159	99.150	0.0	0.0	0.0
1	PDISP	10.00000	30.00000	99.30000	0.09623	99.150	0.0	0.0	0.0
1	PDISP	11.00000	30.00000	99.30000	0.09104	99.150	0.0	0.0	0.0
1	PDISP	12.00000	30.00000	99.30000	0.08602	99.150	0.0	0.0	0.0
1	PDISP	13.00000	30.00000	99.30000	0.08118	99.150	0.0	0.0	0.0
1	PDISP	14.00000	30.00000	99.30000	0.07653	99.150	0.0	0.0	0.0
1	PDISP	15.00000	30.00000	99.30000	0.07207	99.150	0.0	0.0	0.0
1	PDISP	16.00000	30.00000	99.30000	0.06780	99.150	0.0	0.0	0.0
1	PDISP	17.00000	30.00000	99.30000	0.06372	99.150	0.0	0.0	0.0
1	PDISP	18.00000	30.00000	99.30000	0.05983	99.150	0.0	0.0	0.0
1	PDISP	19.00000	30.00000	99.30000	0.05612	99.150	0.0	0.0	0.0
1	PDISP	20.00000	30.00000	99.30000	0.05260	99.150	0.0	0.0	0.0
1	PDISP	21.00000	30.00000	99.30000	0.04924	99.150	0.0	0.0	0.0
1	PDISP	22.00000	30.00000	99.30000	0.04606	99.150	0.0	0.0	0.0
1	PDISP	23.00000	30.00000	99.30000	0.04305	99.150	0.0	0.0	0.0
1	PDISP	24.00000	30.00000	99.30000	0.04019	99.150	0.0	0.0	0.0
1	PDISP	25.00000	30.00000	99.30000	0.03748	99.150	0.0	0.0	0.0
1	PDISP	26.00000	30.00000	99.30000	0.03492	99.150	0.0	0.0	0.0
1	PDISP	27.00000	30.00000	99.30000	0.03249	99.150	0.0	0.0	0.0
1	PDISP	28.00000	30.00000	99.30000	0.03020	99.150	0.0	0.0	0.0
1	PDISP	29.00000	30.00000	99.30000	0.02803	99.150	0.0	0.0	0.0
1	PDISP	30.00000	30.00000	99.30000	0.02599	99.150	0.0	0.0	0.0

**Results : Consolidation : Displacement Data : Grids**

None

**Results : Total : Displacement Data : Grids**

None





12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
J21282		
Drg. Ref.		
Made by	Date	Checked
AG		

**Results : Immediate : Load Centres : Polygonal**

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	ex 1	-7.04500	5.73500	96.50000	6.15746	96.418	-20.857	-38.458	-852.16E-6
2	ex 2	-14.21044	5.03169	96.50000	4.82891	96.418	-20.868	-41.085	-760.46E-6
3	ex 3	-18.41749	10.16953	96.50000	-5.13478	96.418	-59.501	-134.46	-0.0015563
4	1	-7.04500	7.14000	96.50000	13.24601	96.418	103.95	225.55	0.0030494
5	2	-4.31000	5.73500	96.50000	13.16678	96.418	103.95	226.65	0.0030110
6	3	-7.04500	4.33000	96.50000	13.35283	96.418	103.95	225.59	0.0030479
7	4	-14.39500	3.23000	96.50000	12.85821	96.418	103.94	225.21	0.0030611
8	5	-17.91000	4.74000	96.50000	12.74163	96.418	103.95	226.24	0.0030255
9	6	-14.42904	6.72904	96.50000	13.31046	96.418	103.85	226.16	0.0030182
10	7	-10.88000	4.33000	96.50000	13.75571	96.418	103.94	225.72	0.0030430
11	8	-20.27815	12.79072	96.50000	5.70090	96.418	65.380	138.63	0.0020323
12	9	-20.05053	8.89497	96.50000	5.51429	96.418	65.483	139.78	0.0020028
13	10	-16.52341	10.73790	96.50000	5.33278	96.418	65.364	137.10	0.0020849

**Results : Consolidation : Load Centres : Polygonal**

None

**Results : Total : Load Centres : Polygonal**

None

**Results : Immediate : Displacement Data : Lines**

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	14 A	-31.01000	6.12000	99.30000	0.26860	99.150	0.0	0.0	0.0
1	14 A	-30.20000	6.70000	99.30000	0.30927	99.150	0.0	0.0	0.0
1	14 A	-29.39000	7.28000	99.30000	0.35654	99.150	0.0	0.0	0.0
1	14 A	-28.58000	7.86000	99.30000	0.41196	99.150	0.0	0.0	0.0
1	14 A	-27.77000	8.44000	99.30000	0.47790	99.150	0.0	0.0	0.0
1	14 A	-26.96000	9.02000	99.30000	0.55824	99.150	0.0	0.0	0.0
1	14 A	-26.15000	9.60000	99.30000	0.66012	99.150	0.0	0.0	0.0
2	14 B	-26.16000	9.60000	99.30000	0.65867	99.150	0.0	0.0	0.0
2	14 B	-25.34250	10.18500	99.30000	0.79765	99.150	0.0	0.0	0.0
2	14 B	-24.52500	10.77000	99.30000	1.00820	99.150	0.0	0.0	0.0
2	14 B	-23.70750	11.35500	99.30000	1.39140	99.150	0.0	0.0	0.0
2	14 B	-22.89000	11.94000	99.30000	2.33968	99.150	0.0	0.0	0.0
3	14 C	-32.41000	8.08000	99.30000	0.21245	99.150	0.0	0.0	0.0
3	14 C	-31.60000	8.66000	99.30000	0.24169	99.150	0.0	0.0	0.0
3	14 C	-30.79000	9.24000	99.30000	0.27484	99.150	0.0	0.0	0.0
3	14 C	-29.98000	9.82000	99.30000	0.31262	99.150	0.0	0.0	0.0
3	14 C	-29.17000	10.40000	99.30000	0.35602	99.150	0.0	0.0	0.0
3	14 C	-28.36000	10.98000	99.30000	0.40642	99.150	0.0	0.0	0.0
3	14 C	-27.55000	11.56000	99.30000	0.46572	99.150	0.0	0.0	0.0
4	14 D	-27.56000	11.56000	99.30000	0.46477	99.150	0.0	0.0	0.0
4	14 D	-26.74250	12.14500	99.30000	0.53589	99.150	0.0	0.0	0.0
4	14 D	-25.92500	12.73000	99.30000	0.62069	99.150	0.0	0.0	0.0
4	14 D	-25.10750	13.31500	99.30000	0.71786	99.150	0.0	0.0	0.0
4	14 D	-24.29000	13.90000	99.30000	0.81604	99.150	0.0	0.0	0.0
5	14 E	-22.90000	11.94000	99.30000	2.31713	99.150	0.0	0.0	0.0
5	14 E	-23.51300	12.72900	99.30000	1.31530	99.150	0.0	0.0	0.0
5	14 E	-24.12600	13.51800	99.30000	0.91248	99.150	0.0	0.0	0.0
5	14 E	-24.73900	14.30700	99.30000	0.68439	99.150	0.0	0.0	0.0
5	14 E	-25.35200	15.09600	99.30000	0.53527	99.150	0.0	0.0	0.0
5	14 E	-25.96500	15.88500	99.30000	0.42965	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
5	14 E	-26.57800	16.67400	99.30000	0.35091	99.150	0.0	0.0	0.0
5	14 E	-27.19100	17.46300	99.30000	0.29010	99.150	0.0	0.0	0.0
5	14 E	-27.80400	18.25200	99.30000	0.24188	99.150	0.0	0.0	0.0
5	14 E	-28.41700	19.04100	99.30000	0.20288	99.150	0.0	0.0	0.0
5	14 E	-29.03000	19.83000	99.30000	0.17086	99.150	0.0	0.0	0.0
6	14 F	-31.02000	6.12000	99.30000	0.26814	99.150	0.0	0.0	0.0
6	14 F	-31.63300	6.90900	99.30000	0.24287	99.150	0.0	0.0	0.0
6	14 F	-32.24600	7.69800	99.30000	0.21891	99.150	0.0	0.0	0.0
6	14 F	-32.85900	8.48700	99.30000	0.19640	99.150	0.0	0.0	0.0
6	14 F	-33.47200	9.27600	99.30000	0.17542	99.150	0.0	0.0	0.0
6	14 F	-34.08500	10.06500	99.30000	0.15601	99.150	0.0	0.0	0.0
6	14 F	-34.69800	10.85400	99.30000	0.13816	99.150	0.0	0.0	0.0
6	14 F	-35.31100	11.64300	99.30000	0.12185	99.150	0.0	0.0	0.0
6	14 F	-35.92400	12.43200	99.30000	0.10702	99.150	0.0	0.0	0.0
6	14 F	-36.53700	13.22100	99.30000	0.09357	99.150	0.0	0.0	0.0
6	14 F	-37.15000	14.01000	99.30000	0.08143	99.150	0.0	0.0	0.0
7	14 G	-26.17000	9.60000	99.30000	0.65721	99.150	0.0	0.0	0.0
7	14 G	-26.78200	10.38900	99.30000	0.56912	99.150	0.0	0.0	0.0
7	14 G	-27.39400	11.17800	99.30000	0.48847	99.150	0.0	0.0	0.0
7	14 G	-28.00600	11.96700	99.30000	0.41714	99.150	0.0	0.0	0.0
7	14 G	-28.61800	12.75600	99.30000	0.35554	99.150	0.0	0.0	0.0
7	14 G	-29.23000	13.54500	99.30000	0.30302	99.150	0.0	0.0	0.0
7	14 G	-29.84200	14.33400	99.30000	0.25845	99.150	0.0	0.0	0.0
7	14 G	-30.45400	15.12300	99.30000	0.22066	99.150	0.0	0.0	0.0
7	14 G	-31.06600	15.91200	99.30000	0.18853	99.150	0.0	0.0	0.0
7	14 G	-31.67800	16.70100	99.30000	0.16112	99.150	0.0	0.0	0.0
7	14 G	-32.29000	17.49000	99.30000	0.13766	99.150	0.0	0.0	0.0
8	16 A	-37.16000	14.01000	99.30000	0.08129	99.150	0.0	0.0	0.0
8	16 A	-36.35000	14.59000	99.30000	0.08999	99.150	0.0	0.0	0.0
8	16 A	-35.54000	15.17000	99.30000	0.09907	99.150	0.0	0.0	0.0
8	16 A	-34.73000	15.75000	99.30000	0.10847	99.150	0.0	0.0	0.0
8	16 A	-33.92000	16.33000	99.30000	0.11810	99.150	0.0	0.0	0.0
8	16 A	-33.11000	16.91000	99.30000	0.12781	99.150	0.0	0.0	0.0
8	16 A	-32.30000	17.49000	99.30000	0.13746	99.150	0.0	0.0	0.0
9	16 B	-32.31000	17.49000	99.30000	0.13726	99.150	0.0	0.0	0.0
9	16 B	-31.49250	18.07500	99.30000	0.14670	99.150	0.0	0.0	0.0
9	16 B	-30.67500	18.66000	99.30000	0.15560	99.150	0.0	0.0	0.0
9	16 B	-29.85750	19.24500	99.30000	0.16367	99.150	0.0	0.0	0.0
9	16 B	-29.04000	19.83000	99.30000	0.17064	99.150	0.0	0.0	0.0
10	16 C	-43.29000	21.90000	99.30000	0.01137	99.150	0.0	0.0	0.0
10	16 C	-42.48000	22.48000	99.30000	0.01322	99.150	0.0	0.0	0.0
10	16 C	-41.67000	23.06000	99.30000	0.01507	99.150	0.0	0.0	0.0
10	16 C	-40.86000	23.64000	99.30000	0.01690	99.150	0.0	0.0	0.0
10	16 C	-40.05000	24.22000	99.30000	0.01869	99.150	0.0	0.0	0.0
10	16 C	-39.24000	24.80000	99.30000	0.02041	99.150	0.0	0.0	0.0
10	16 C	-38.43000	25.38000	99.30000	0.02205	99.150	0.0	0.0	0.0
11	16 D	-38.44000	25.38000	99.30000	0.02201	99.150	0.0	0.0	0.0
11	16 D	-37.62250	25.96500	99.30000	0.02355	99.150	0.0	0.0	0.0
11	16 D	-36.80500	26.55000	99.30000	0.02497	99.150	0.0	0.0	0.0
11	16 D	-35.98750	27.13500	99.30000	0.02623	99.150	0.0	0.0	0.0
11	16 D	-35.17000	27.72000	99.30000	0.02732	99.150	0.0	0.0	0.0
12	16 E	-29.05000	19.83000	99.30000	0.17042	99.150	0.0	0.0	0.0
12	16 E	-29.66100	20.61900	99.30000	0.14390	99.150	0.0	0.0	0.0
12	16 E	-30.27200	21.40800	99.30000	0.12161	99.150	0.0	0.0	0.0
12	16 E	-30.88300	22.19700	99.30000	0.10274	99.150	0.0	0.0	0.0
12	16 E	-31.49400	22.98600	99.30000	0.08665	99.150	0.0	0.0	0.0
12	16 E	-32.10500	23.77500	99.30000	0.07286	99.150	0.0	0.0	0.0
12	16 E	-32.71600	24.56400	99.30000	0.06098	99.150	0.0	0.0	0.0
12	16 E	-33.32700	25.35300	99.30000	0.05072	99.150	0.0	0.0	0.0
12	16 E	-33.93800	26.14200	99.30000	0.04182	99.150	0.0	0.0	0.0
12	16 E	-34.54900	26.93100	99.30000	0.03409	99.150	0.0	0.0	0.0
12	16 E	-35.16000	27.72000	99.30000	0.02736	99.150	0.0	0.0	0.0
13	16 F	-32.31000	17.49000	99.30000	0.13726	99.150	0.0	0.0	0.0
13	16 F	-32.92400	18.27900	99.30000	0.11712	99.150	0.0	0.0	0.0
13	16 F	-33.53800	19.06800	99.30000	0.09977	99.150	0.0	0.0	0.0
13	16 F	-34.15200	19.85700	99.30000	0.08475	99.150	0.0	0.0	0.0
13	16 F	-34.76600	20.64600	99.30000	0.07173	99.150	0.0	0.0	0.0
13	16 F	-35.38000	21.43500	99.30000	0.06039	99.150	0.0	0.0	0.0
13	16 F	-35.99400	22.22400	99.30000	0.05052	99.150	0.0	0.0	0.0
13	16 F	-36.60800	23.01300	99.30000	0.04189	99.150	0.0	0.0	0.0
13	16 F	-37.22200	23.80200	99.30000	0.03435	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
13 16 F		-37.83600	24.59100	99.30000	0.02775	99.150	0.0	0.0	0.0
13 16 F		-38.45000	25.38000	99.30000	0.02196	99.150	0.0	0.0	0.0
14 16 G		-37.17000	14.01000	99.30000	0.08116	99.150	0.0	0.0	0.0
14 16 G		-37.78200	14.79900	99.30000	0.07027	99.150	0.0	0.0	0.0
14 16 G		-38.39400	15.58800	99.30000	0.06047	99.150	0.0	0.0	0.0
14 16 G		-39.00600	16.37700	99.30000	0.05168	99.150	0.0	0.0	0.0
14 16 G		-39.61800	17.16600	99.30000	0.04381	99.150	0.0	0.0	0.0
14 16 G		-40.23000	17.95500	99.30000	0.03676	99.150	0.0	0.0	0.0
14 16 G		-40.84200	18.74400	99.30000	0.03046	99.150	0.0	0.0	0.0
14 16 G		-41.45400	19.53300	99.30000	0.02483	99.150	0.0	0.0	0.0
14 16 G		-42.06600	20.32200	99.30000	0.01981	99.150	0.0	0.0	0.0
14 16 G		-42.67800	21.11100	99.30000	0.01534	99.150	0.0	0.0	0.0
14 16 G		-43.29000	21.90000	99.30000	0.01137	99.150	0.0	0.0	0.0
15 10 A		8.00000	0.17000	97.10000	0.22958	96.990	0.0	0.0	0.0
15 10 A		8.74700	0.78500	97.10000	0.21035	96.990	0.0	0.0	0.0
15 10 A		9.49400	1.40000	97.10000	0.19164	96.990	0.0	0.0	0.0
15 10 A		10.24100	2.01500	97.10000	0.17369	96.990	0.0	0.0	0.0
15 10 A		10.98800	2.63000	97.10000	0.15667	96.990	0.0	0.0	0.0
15 10 A		11.73500	3.24500	97.10000	0.14068	96.990	0.0	0.0	0.0
15 10 A		12.48200	3.86000	97.10000	0.12578	96.990	0.0	0.0	0.0
15 10 A		13.22900	4.47500	97.10000	0.11199	96.990	0.0	0.0	0.0
15 10 A		13.97600	5.09000	97.10000	0.09928	96.990	0.0	0.0	0.0
15 10 A		14.72300	5.70500	97.10000	0.08763	96.990	0.0	0.0	0.0
15 10 A		15.47000	6.32000	97.10000	0.07698	96.990	0.0	0.0	0.0
16 10 B		15.48000	6.32000	97.10000	0.07685	96.990	0.0	0.0	0.0
16 10 B		16.06118	5.50647	97.10000	0.06957	96.990	0.0	0.0	0.0
16 10 B		16.64235	4.69294	97.10000	0.06257	96.990	0.0	0.0	0.0
16 10 B		17.22353	3.87941	97.10000	0.05589	96.990	0.0	0.0	0.0
16 10 B		17.80471	3.06588	97.10000	0.04956	96.990	0.0	0.0	0.0
16 10 B		18.38588	2.25235	97.10000	0.04359	96.990	0.0	0.0	0.0
16 10 B		18.96706	1.43882	97.10000	0.03801	96.990	0.0	0.0	0.0
16 10 B		19.54824	0.62529	97.10000	0.03280	96.990	0.0	0.0	0.0
16 10 B		20.12941	-0.18824	97.10000	0.02796	96.990	0.0	0.0	0.0
16 10 B		20.71059	-1.00176	97.10000	0.02349	96.990	0.0	0.0	0.0
16 10 B		21.29176	-1.81529	97.10000	0.01937	96.990	0.0	0.0	0.0
16 10 B		21.87294	-2.62882	97.10000	0.01558	96.990	0.0	0.0	0.0
16 10 B		22.45412	-3.44235	97.10000	0.01212	96.990	0.0	0.0	0.0
16 10 B		23.03529	-4.25588	97.10000	0.00896	96.990	0.0	0.0	0.0
16 10 B		23.61647	-5.06941	97.10000	0.00608	96.990	0.0	0.0	0.0
16 10 B		24.19765	-5.88294	97.10000	0.00347	96.990	0.0	0.0	0.0
16 10 B		24.77882	-6.69647	97.10000	0.00110	96.990	0.0	0.0	0.0
16 10 B		25.36000	-7.51000	97.10000	-0.00103	96.990	0.0	0.0	0.0
17 10 C		25.37000	-7.51000	97.10000	-0.00105	96.990	0.0	0.0	0.0
17 10 C		24.62300	-8.12500	97.10000	0.00011	96.990	0.0	0.0	0.0
17 10 C		23.87600	-8.74000	97.10000	0.00130	96.990	0.0	0.0	0.0
17 10 C		23.12900	-9.35500	97.10000	0.00250	96.990	0.0	0.0	0.0
17 10 C		22.38200	-9.97000	97.10000	0.00371	96.990	0.0	0.0	0.0
17 10 C		21.63500	-10.58500	97.10000	0.00491	96.990	0.0	0.0	0.0
17 10 C		20.88800	-11.20000	97.10000	0.00611	96.990	0.0	0.0	0.0
17 10 C		20.14100	-11.81500	97.10000	0.00727	96.990	0.0	0.0	0.0
17 10 C		19.39400	-12.43000	97.10000	0.00840	96.990	0.0	0.0	0.0
17 10 C		18.64700	-13.04500	97.10000	0.00949	96.990	0.0	0.0	0.0
17 10 C		17.90000	-13.66000	97.10000	0.01052	96.990	0.0	0.0	0.0
18 10 D		17.89000	-13.66000	97.10000	0.01055	96.990	0.0	0.0	0.0
18 10 D		17.30882	-12.84647	97.10000	0.01458	96.990	0.0	0.0	0.0
18 10 D		16.72765	-12.03294	97.10000	0.01913	96.990	0.0	0.0	0.0
18 10 D		16.14647	-11.21941	97.10000	0.02428	96.990	0.0	0.0	0.0
18 10 D		15.56529	-10.40588	97.10000	0.03010	96.990	0.0	0.0	0.0
18 10 D		14.98412	-9.59235	97.10000	0.03667	96.990	0.0	0.0	0.0
18 10 D		14.40294	-8.77882	97.10000	0.04409	96.990	0.0	0.0	0.0
18 10 D		13.82176	-7.96529	97.10000	0.05248	96.990	0.0	0.0	0.0
18 10 D		13.24059	-7.15176	97.10000	0.06195	96.990	0.0	0.0	0.0
18 10 D		12.65941	-6.33824	97.10000	0.07266	96.990	0.0	0.0	0.0
18 10 D		12.07824	-5.52471	97.10000	0.08477	96.990	0.0	0.0	0.0
18 10 D		11.49706	-4.71118	97.10000	0.09848	96.990	0.0	0.0	0.0
18 10 D		10.91588	-3.89765	97.10000	0.11401	96.990	0.0	0.0	0.0
18 10 D		10.33471	-3.08412	97.10000	0.13161	96.990	0.0	0.0	0.0
18 10 D		9.75353	-2.27059	97.10000	0.15157	96.990	0.0	0.0	0.0
18 10 D		9.17235	-1.45706	97.10000	0.17423	96.990	0.0	0.0	0.0
18 10 D		8.59118	-0.64353	97.10000	0.19998	96.990	0.0	0.0	0.0
18 10 D		8.01000	0.17000	97.10000	0.22921	96.990	0.0	0.0	0.0



12 Pilgrims Lane  
Long term (total) movements  
Output data

Drg. Ref.

Made by AG	Date	Checked	Date
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Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]

**Results : Consolidation : Displacement Data : Lines**

None

**Results : Total : Displacement Data : Lines**

None

**Results : Immediate : Displacement Data : Grids**

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-45.00000	-15.00000	99.30000	-0.00238	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-15.00000	99.30000	-0.00041	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-15.00000	99.30000	0.00176	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-15.00000	99.30000	0.00417	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-15.00000	99.30000	0.00683	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-15.00000	99.30000	0.00975	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-15.00000	99.30000	0.01294	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-15.00000	99.30000	0.01644	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-15.00000	99.30000	0.02024	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-15.00000	99.30000	0.02438	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-15.00000	99.30000	0.02885	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-15.00000	99.30000	0.03367	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-15.00000	99.30000	0.03885	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-15.00000	99.30000	0.04438	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-15.00000	99.30000	0.05027	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-15.00000	99.30000	0.05651	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-15.00000	99.30000	0.06309	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-15.00000	99.30000	0.06996	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-15.00000	99.30000	0.07710	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-15.00000	99.30000	0.08447	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-15.00000	99.30000	0.09199	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-15.00000	99.30000	0.09961	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-15.00000	99.30000	0.10723	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-15.00000	99.30000	0.11477	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-15.00000	99.30000	0.12210	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-15.00000	99.30000	0.12914	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-15.00000	99.30000	0.13575	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-15.00000	99.30000	0.14184	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-15.00000	99.30000	0.14727	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-15.00000	99.30000	0.15196	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-15.00000	99.30000	0.15581	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-15.00000	99.30000	0.15875	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-15.00000	99.30000	0.16071	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-15.00000	99.30000	0.16168	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-15.00000	99.30000	0.16162	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-15.00000	99.30000	0.16054	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-15.00000	99.30000	0.15848	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-15.00000	99.30000	0.15547	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-15.00000	99.30000	0.15159	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-15.00000	99.30000	0.14690	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-15.00000	99.30000	0.14150	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-15.00000	99.30000	0.13549	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-15.00000	99.30000	0.12897	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-15.00000	99.30000	0.12205	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-15.00000	99.30000	0.11483	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-15.00000	99.30000	0.10743	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-15.00000	99.30000	0.09992	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-15.00000	99.30000	0.09242	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-15.00000	99.30000	0.08498	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-15.00000	99.30000	0.07769	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-15.00000	99.30000	0.07061	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
						Level	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
						[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	6.00000	-15.00000	99.30000	0.06377	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-15.00000	99.30000	0.05722	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-15.00000	99.30000	0.05099	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-15.00000	99.30000	0.04509	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-15.00000	99.30000	0.03953	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-15.00000	99.30000	0.03433	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-15.00000	99.30000	0.02947	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-15.00000	99.30000	0.02496	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-15.00000	99.30000	0.02079	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-15.00000	99.30000	0.01694	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-15.00000	99.30000	0.01341	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-15.00000	99.30000	0.01017	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-15.00000	99.30000	0.00721	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-15.00000	99.30000	0.00452	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-15.00000	99.30000	0.00207	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-15.00000	99.30000	-0.00014	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-15.00000	99.30000	-0.00213	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-15.00000	99.30000	-0.00392	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-15.00000	99.30000	-0.00553	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-15.00000	99.30000	-0.00696	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-15.00000	99.30000	-0.00824	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-15.00000	99.30000	-0.00937	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-15.00000	99.30000	-0.01036	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-15.00000	99.30000	-0.01124	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-15.00000	99.30000	-0.01200	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-14.00000	99.30000	-0.00111	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-14.00000	99.30000	0.00104	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-14.00000	99.30000	0.00343	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-14.00000	99.30000	0.00608	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-14.00000	99.30000	0.00900	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-14.00000	99.30000	0.01222	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-14.00000	99.30000	0.01575	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-14.00000	99.30000	0.01963	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-14.00000	99.30000	0.02386	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-14.00000	99.30000	0.02847	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-14.00000	99.30000	0.03348	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-14.00000	99.30000	0.03889	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-14.00000	99.30000	0.04473	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-14.00000	99.30000	0.05099	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-14.00000	99.30000	0.05769	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-14.00000	99.30000	0.06482	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-14.00000	99.30000	0.07235	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-14.00000	99.30000	0.08027	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-14.00000	99.30000	0.08854	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-14.00000	99.30000	0.09711	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-14.00000	99.30000	0.10590	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-14.00000	99.30000	0.11484	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-14.00000	99.30000	0.12382	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-14.00000	99.30000	0.13274	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-14.00000	99.30000	0.14146	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-14.00000	99.30000	0.14985	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-14.00000	99.30000	0.15775	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-14.00000	99.30000	0.16504	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-14.00000	99.30000	0.17156	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-14.00000	99.30000	0.17720	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-14.00000	99.30000	0.18183	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-14.00000	99.30000	0.18535	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-14.00000	99.30000	0.18771	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-14.00000	99.30000	0.18886	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-14.00000	99.30000	0.18877	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-14.00000	99.30000	0.18745	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-14.00000	99.30000	0.18495	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-14.00000	99.30000	0.18131	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-14.00000	99.30000	0.17662	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-14.00000	99.30000	0.17098	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-14.00000	99.30000	0.16450	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-14.00000	99.30000	0.15731	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-14.00000	99.30000	0.14953	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-14.00000	99.30000	0.14130	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-14.00000	99.30000	0.13274	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-14.00000	99.30000	0.12399	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	1.00000	-14.00000	99.30000	0.11517	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-14.00000	99.30000	0.10637	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-14.00000	99.30000	0.09770	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-14.00000	99.30000	0.08923	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-14.00000	99.30000	0.08103	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-14.00000	99.30000	0.07315	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-14.00000	99.30000	0.06564	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-14.00000	99.30000	0.05852	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-14.00000	99.30000	0.05181	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-14.00000	99.30000	0.04551	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-14.00000	99.30000	0.03964	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-14.00000	99.30000	0.03418	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-14.00000	99.30000	0.02913	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-14.00000	99.30000	0.02447	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-14.00000	99.30000	0.02019	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-14.00000	99.30000	0.01627	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-14.00000	99.30000	0.01268	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-14.00000	99.30000	0.00942	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-14.00000	99.30000	0.00645	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-14.00000	99.30000	0.00377	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-14.00000	99.30000	0.00134	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-14.00000	99.30000	-0.00084	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-14.00000	99.30000	-0.00280	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-14.00000	99.30000	-0.00456	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-14.00000	99.30000	-0.00612	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-14.00000	99.30000	-0.00751	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-14.00000	99.30000	-0.00874	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-14.00000	99.30000	-0.00983	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-14.00000	99.30000	-0.01078	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-14.00000	99.30000	-0.01161	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-13.00000	99.30000	0.00022	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-13.00000	99.30000	0.00256	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-13.00000	99.30000	0.00517	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-13.00000	99.30000	0.00807	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-13.00000	99.30000	0.01127	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-13.00000	99.30000	0.01482	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-13.00000	99.30000	0.01871	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-13.00000	99.30000	0.02300	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-13.00000	99.30000	0.02769	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-13.00000	99.30000	0.03282	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-13.00000	99.30000	0.03841	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-13.00000	99.30000	0.04449	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-13.00000	99.30000	0.05106	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-13.00000	99.30000	0.05814	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-13.00000	99.30000	0.06575	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-13.00000	99.30000	0.07388	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-13.00000	99.30000	0.08252	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-13.00000	99.30000	0.09165	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-13.00000	99.30000	0.10123	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-13.00000	99.30000	0.11120	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-13.00000	99.30000	0.12150	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-13.00000	99.30000	0.13201	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-13.00000	99.30000	0.14263	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-13.00000	99.30000	0.15322	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-13.00000	99.30000	0.16362	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-13.00000	99.30000	0.17366	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-13.00000	99.30000	0.18315	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-13.00000	99.30000	0.19192	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-13.00000	99.30000	0.19979	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-13.00000	99.30000	0.20659	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-13.00000	99.30000	0.21218	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-13.00000	99.30000	0.21644	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-13.00000	99.30000	0.21928	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-13.00000	99.30000	0.22064	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-13.00000	99.30000	0.22050	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-13.00000	99.30000	0.21888	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-13.00000	99.30000	0.21582	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-13.00000	99.30000	0.21140	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-13.00000	99.30000	0.20572	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-13.00000	99.30000	0.19890	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-13.00000	99.30000	0.19109	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-4.00000	-13.00000	99.30000	0.18244	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-13.00000	99.30000	0.17312	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-13.00000	99.30000	0.16330	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-13.00000	99.30000	0.15313	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-13.00000	99.30000	0.14276	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-13.00000	99.30000	0.13235	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-13.00000	99.30000	0.12202	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-13.00000	99.30000	0.11188	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-13.00000	99.30000	0.10203	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-13.00000	99.30000	0.09253	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-13.00000	99.30000	0.08346	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-13.00000	99.30000	0.07484	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-13.00000	99.30000	0.06671	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-13.00000	99.30000	0.05908	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-13.00000	99.30000	0.05196	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-13.00000	99.30000	0.04534	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-13.00000	99.30000	0.03922	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-13.00000	99.30000	0.03357	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-13.00000	99.30000	0.02838	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-13.00000	99.30000	0.02362	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-13.00000	99.30000	0.01928	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-13.00000	99.30000	0.01532	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-13.00000	99.30000	0.01173	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-13.00000	99.30000	0.00847	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-13.00000	99.30000	0.00553	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-13.00000	99.30000	0.00288	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-13.00000	99.30000	0.00050	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-13.00000	99.30000	-0.00164	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-13.00000	99.30000	-0.00355	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-13.00000	99.30000	-0.00525	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-13.00000	99.30000	-0.00676	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-13.00000	99.30000	-0.00810	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-13.00000	99.30000	-0.00928	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-13.00000	99.30000	-0.01031	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-13.00000	99.30000	-0.01121	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-12.00000	99.30000	0.00158	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-12.00000	99.30000	0.00413	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-12.00000	99.30000	0.00698	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-12.00000	99.30000	0.01014	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-12.00000	99.30000	0.01365	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-12.00000	99.30000	0.01753	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-12.00000	99.30000	0.02182	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-12.00000	99.30000	0.02654	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-12.00000	99.30000	0.03174	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-12.00000	99.30000	0.03743	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-12.00000	99.30000	0.04366	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-12.00000	99.30000	0.05046	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-12.00000	99.30000	0.05784	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-12.00000	99.30000	0.06584	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-12.00000	99.30000	0.07447	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-12.00000	99.30000	0.08374	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-12.00000	99.30000	0.09365	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-12.00000	99.30000	0.10418	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-12.00000	99.30000	0.11528	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-12.00000	99.30000	0.12691	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-12.00000	99.30000	0.13899	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-12.00000	99.30000	0.15139	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-12.00000	99.30000	0.16399	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-12.00000	99.30000	0.17661	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-12.00000	99.30000	0.18906	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-12.00000	99.30000	0.20113	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-12.00000	99.30000	0.21259	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-12.00000	99.30000	0.22320	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-12.00000	99.30000	0.23274	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-12.00000	99.30000	0.24100	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-12.00000	99.30000	0.24779	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-12.00000	99.30000	0.25295	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-12.00000	99.30000	0.25638	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-12.00000	99.30000	0.25800	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-12.00000	99.30000	0.25779	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-12.00000	99.30000	0.25578	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
						Level	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
						[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-9.00000	-12.00000	99.30000	0.25201	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-12.00000	99.30000	0.24660	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-12.00000	99.30000	0.23968	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-12.00000	99.30000	0.23139	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-12.00000	99.30000	0.22193	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-12.00000	99.30000	0.21150	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-12.00000	99.30000	0.20029	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-12.00000	99.30000	0.18851	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-12.00000	99.30000	0.17637	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-12.00000	99.30000	0.16406	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-12.00000	99.30000	0.15174	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-12.00000	99.30000	0.13958	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-12.00000	99.30000	0.12771	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-12.00000	99.30000	0.11623	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-12.00000	99.30000	0.10522	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-12.00000	99.30000	0.09476	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-12.00000	99.30000	0.08487	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-12.00000	99.30000	0.07560	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-12.00000	99.30000	0.06693	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-12.00000	99.30000	0.05888	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-12.00000	99.30000	0.05144	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-12.00000	99.30000	0.04457	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-12.00000	99.30000	0.03827	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-12.00000	99.30000	0.03250	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-12.00000	99.30000	0.02723	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-12.00000	99.30000	0.02244	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-12.00000	99.30000	0.01808	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-12.00000	99.30000	0.01414	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-12.00000	99.30000	0.01057	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-12.00000	99.30000	0.00736	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-12.00000	99.30000	0.00447	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-12.00000	99.30000	0.00188	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-12.00000	99.30000	-0.00044	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-12.00000	99.30000	-0.00251	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-12.00000	99.30000	-0.00436	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-12.00000	99.30000	-0.00599	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-12.00000	99.30000	-0.00744	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-12.00000	99.30000	-0.00871	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-12.00000	99.30000	-0.00982	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-12.00000	99.30000	-0.01080	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-11.00000	99.30000	0.00299	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-11.00000	99.30000	0.00575	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-11.00000	99.30000	0.00884	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-11.00000	99.30000	0.01228	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-11.00000	99.30000	0.01610	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-11.00000	99.30000	0.02035	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-11.00000	99.30000	0.02505	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-11.00000	99.30000	0.03025	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-11.00000	99.30000	0.03598	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-11.00000	99.30000	0.04229	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-11.00000	99.30000	0.04921	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-11.00000	99.30000	0.05680	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-11.00000	99.30000	0.06509	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-11.00000	99.30000	0.07410	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-11.00000	99.30000	0.08388	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-11.00000	99.30000	0.09445	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-11.00000	99.30000	0.10580	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-11.00000	99.30000	0.11794	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-11.00000	99.30000	0.13083	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-11.00000	99.30000	0.14441	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-11.00000	99.30000	0.15860	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-11.00000	99.30000	0.17327	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-11.00000	99.30000	0.18826	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-11.00000	99.30000	0.20337	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-11.00000	99.30000	0.21836	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-11.00000	99.30000	0.23295	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-11.00000	99.30000	0.24686	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-11.00000	99.30000	0.25978	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-11.00000	99.30000	0.27142	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-11.00000	99.30000	0.28150	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-11.00000	99.30000	0.28978	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-14.00000	-11.00000	99.30000	0.29607	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-11.00000	99.30000	0.30023	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-11.00000	99.30000	0.30216	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-11.00000	99.30000	0.30185	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-11.00000	99.30000	0.29932	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-11.00000	99.30000	0.29466	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-11.00000	99.30000	0.28800	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-11.00000	99.30000	0.27951	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-11.00000	99.30000	0.26939	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-11.00000	99.30000	0.25787	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-11.00000	99.30000	0.24521	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-11.00000	99.30000	0.23166	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-11.00000	99.30000	0.21748	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-11.00000	99.30000	0.20293	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-11.00000	99.30000	0.18825	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-11.00000	99.30000	0.17364	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-11.00000	99.30000	0.15929	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-11.00000	99.30000	0.14535	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-11.00000	99.30000	0.13196	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-11.00000	99.30000	0.11919	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-11.00000	99.30000	0.10712	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-11.00000	99.30000	0.09578	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-11.00000	99.30000	0.08520	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-11.00000	99.30000	0.07537	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-11.00000	99.30000	0.06629	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-11.00000	99.30000	0.05792	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-11.00000	99.30000	0.05024	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-11.00000	99.30000	0.04323	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-11.00000	99.30000	0.03683	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-11.00000	99.30000	0.03101	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-11.00000	99.30000	0.02573	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-11.00000	99.30000	0.02095	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-11.00000	99.30000	0.01663	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-11.00000	99.30000	0.01274	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-11.00000	99.30000	0.00924	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-11.00000	99.30000	0.00610	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-11.00000	99.30000	0.00329	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-11.00000	99.30000	0.00078	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-11.00000	99.30000	-0.00145	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-11.00000	99.30000	-0.00344	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-11.00000	99.30000	-0.00520	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-11.00000	99.30000	-0.00676	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-11.00000	99.30000	-0.00813	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-11.00000	99.30000	-0.00933	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-11.00000	99.30000	-0.01038	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-10.00000	99.30000	0.00442	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-10.00000	99.30000	0.00740	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-10.00000	99.30000	0.01074	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-10.00000	99.30000	0.01447	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-10.00000	99.30000	0.01863	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-10.00000	99.30000	0.02326	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-10.00000	99.30000	0.02840	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-10.00000	99.30000	0.03409	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-10.00000	99.30000	0.04040	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-10.00000	99.30000	0.04737	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-10.00000	99.30000	0.05505	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-10.00000	99.30000	0.06350	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-10.00000	99.30000	0.07278	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-10.00000	99.30000	0.08292	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-10.00000	99.30000	0.09399	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-10.00000	99.30000	0.10602	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-10.00000	99.30000	0.11902	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-10.00000	99.30000	0.13302	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-10.00000	99.30000	0.14798	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-10.00000	99.30000	0.16387	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-10.00000	99.30000	0.18058	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-10.00000	99.30000	0.19799	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-10.00000	99.30000	0.21591	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-10.00000	99.30000	0.23408	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-10.00000	99.30000	0.25221	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-10.00000	99.30000	0.26996	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-19.00000	-10.00000	99.30000	0.28695	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-10.00000	99.30000	0.30279	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-10.00000	99.30000	0.31708	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-10.00000	99.30000	0.32947	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-10.00000	99.30000	0.33965	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-10.00000	99.30000	0.34735	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-10.00000	99.30000	0.35241	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-10.00000	99.30000	0.35472	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-10.00000	99.30000	0.35425	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-10.00000	99.30000	0.35105	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-10.00000	99.30000	0.34524	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-10.00000	99.30000	0.33697	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-10.00000	99.30000	0.32649	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-10.00000	99.30000	0.31404	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-10.00000	99.30000	0.29994	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-10.00000	99.30000	0.28449	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-10.00000	99.30000	0.26802	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-10.00000	99.30000	0.25088	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-10.00000	99.30000	0.23336	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-10.00000	99.30000	0.21578	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-10.00000	99.30000	0.19838	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-10.00000	99.30000	0.18140	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-10.00000	99.30000	0.16501	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-10.00000	99.30000	0.14935	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-10.00000	99.30000	0.13453	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-10.00000	99.30000	0.12060	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-10.00000	99.30000	0.10760	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-10.00000	99.30000	0.09554	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-10.00000	99.30000	0.08440	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-10.00000	99.30000	0.07416	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-10.00000	99.30000	0.06478	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-10.00000	99.30000	0.05622	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-10.00000	99.30000	0.04842	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-10.00000	99.30000	0.04134	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-10.00000	99.30000	0.03493	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-10.00000	99.30000	0.02913	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-10.00000	99.30000	0.02391	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-10.00000	99.30000	0.01920	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-10.00000	99.30000	0.01497	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-10.00000	99.30000	0.01117	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-10.00000	99.30000	0.00777	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-10.00000	99.30000	0.00474	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-10.00000	99.30000	0.00203	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-10.00000	99.30000	-0.00038	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-10.00000	99.30000	-0.00251	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-10.00000	99.30000	-0.00441	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-10.00000	99.30000	-0.00608	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-10.00000	99.30000	-0.00754	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-10.00000	99.30000	-0.00883	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-10.00000	99.30000	-0.00995	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-9.00000	99.30000	0.00587	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-9.00000	99.30000	0.00908	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-9.00000	99.30000	0.01268	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-9.00000	99.30000	0.01671	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-9.00000	99.30000	0.02122	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-9.00000	99.30000	0.02624	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-9.00000	99.30000	0.03184	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-9.00000	99.30000	0.03807	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-9.00000	99.30000	0.04499	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-9.00000	99.30000	0.05266	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-9.00000	99.30000	0.06115	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-9.00000	99.30000	0.07054	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-9.00000	99.30000	0.08090	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-9.00000	99.30000	0.09229	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-9.00000	99.30000	0.10479	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-9.00000	99.30000	0.11846	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-9.00000	99.30000	0.13335	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-9.00000	99.30000	0.14949	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-9.00000	99.30000	0.16688	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-9.00000	99.30000	0.18548	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-9.00000	99.30000	0.20522	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-24.00000	-9.00000	99.30000	0.22594	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-9.00000	99.30000	0.24744	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-9.00000	99.30000	0.26942	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-9.00000	99.30000	0.29150	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-9.00000	99.30000	0.31324	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-9.00000	99.30000	0.33415	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-9.00000	99.30000	0.35371	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-9.00000	99.30000	0.37140	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-9.00000	99.30000	0.38674	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-9.00000	99.30000	0.39933	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-9.00000	99.30000	0.40882	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-9.00000	99.30000	0.41501	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-9.00000	99.30000	0.41775	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-9.00000	99.30000	0.41704	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-9.00000	99.30000	0.41294	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-9.00000	99.30000	0.40562	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-9.00000	99.30000	0.39529	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-9.00000	99.30000	0.38225	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-9.00000	99.30000	0.36685	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-9.00000	99.30000	0.34947	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-9.00000	99.30000	0.33050	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-9.00000	99.30000	0.31038	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-9.00000	99.30000	0.28952	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-9.00000	99.30000	0.26833	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-9.00000	99.30000	0.24717	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-9.00000	99.30000	0.22638	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-9.00000	99.30000	0.20621	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-9.00000	99.30000	0.18689	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-9.00000	99.30000	0.16856	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-9.00000	99.30000	0.15133	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-9.00000	99.30000	0.13526	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-9.00000	99.30000	0.12036	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-9.00000	99.30000	0.10662	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-9.00000	99.30000	0.09401	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-9.00000	99.30000	0.08249	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-9.00000	99.30000	0.07200	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-9.00000	99.30000	0.06246	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-9.00000	99.30000	0.05383	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-9.00000	99.30000	0.04602	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-9.00000	99.30000	0.03898	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-9.00000	99.30000	0.03264	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-9.00000	99.30000	0.02694	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-9.00000	99.30000	0.02182	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-9.00000	99.30000	0.01723	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-9.00000	99.30000	0.01313	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-9.00000	99.30000	0.00947	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-9.00000	99.30000	0.00620	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-9.00000	99.30000	0.00329	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-9.00000	99.30000	0.00071	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-9.00000	99.30000	-0.00158	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-9.00000	99.30000	-0.00361	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-9.00000	99.30000	-0.00539	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-9.00000	99.30000	-0.00696	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-9.00000	99.30000	-0.00833	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-9.00000	99.30000	-0.00953	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-8.00000	99.30000	0.00733	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-8.00000	99.30000	0.01078	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-8.00000	99.30000	0.01464	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-8.00000	99.30000	0.01898	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-8.00000	99.30000	0.02384	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-8.00000	99.30000	0.02928	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-8.00000	99.30000	0.03536	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-8.00000	99.30000	0.04214	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-8.00000	99.30000	0.04970	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-8.00000	99.30000	0.05812	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-8.00000	99.30000	0.06749	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-8.00000	99.30000	0.07789	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-8.00000	99.30000	0.08942	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-8.00000	99.30000	0.10218	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-8.00000	99.30000	0.11627	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-8.00000	99.30000	0.13178	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-29.00000	-8.00000	99.30000	0.14881	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-8.00000	99.30000	0.16740	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-8.00000	99.30000	0.18761	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-8.00000	99.30000	0.20943	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-8.00000	99.30000	0.23279	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-8.00000	99.30000	0.25755	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-8.00000	99.30000	0.28348	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-8.00000	99.30000	0.31021	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-8.00000	99.30000	0.33729	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-8.00000	99.30000	0.36414	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-8.00000	99.30000	0.39010	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-8.00000	99.30000	0.41448	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-8.00000	99.30000	0.43656	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-8.00000	99.30000	0.45572	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-8.00000	99.30000	0.47140	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-8.00000	99.30000	0.48317	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-8.00000	99.30000	0.49076	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-8.00000	99.30000	0.49401	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-8.00000	99.30000	0.49292	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-8.00000	99.30000	0.48761	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-8.00000	99.30000	0.47829	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-8.00000	99.30000	0.46527	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-8.00000	99.30000	0.44894	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-8.00000	99.30000	0.42974	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-8.00000	99.30000	0.40815	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-8.00000	99.30000	0.38471	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-8.00000	99.30000	0.35995	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-8.00000	99.30000	0.33442	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-8.00000	99.30000	0.30862	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-8.00000	99.30000	0.28305	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-8.00000	99.30000	0.25808	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-8.00000	99.30000	0.23406	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-8.00000	99.30000	0.21121	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-8.00000	99.30000	0.18972	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-8.00000	99.30000	0.16968	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-8.00000	99.30000	0.15112	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-8.00000	99.30000	0.13405	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-8.00000	99.30000	0.11843	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-8.00000	99.30000	0.10418	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-8.00000	99.30000	0.09125	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-8.00000	99.30000	0.07954	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-8.00000	99.30000	0.06896	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-8.00000	99.30000	0.05942	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-8.00000	99.30000	0.05084	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-8.00000	99.30000	0.04313	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-8.00000	99.30000	0.03621	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-8.00000	99.30000	0.03002	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-8.00000	99.30000	0.02447	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-8.00000	99.30000	0.01952	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-8.00000	99.30000	0.01510	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-8.00000	99.30000	0.01117	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-8.00000	99.30000	0.00766	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-8.00000	99.30000	0.00455	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-8.00000	99.30000	0.00179	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-8.00000	99.30000	-0.00065	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-8.00000	99.30000	-0.00281	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-8.00000	99.30000	-0.00471	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-8.00000	99.30000	-0.00637	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-8.00000	99.30000	-0.00783	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-8.00000	99.30000	-0.00911	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-7.00000	99.30000	0.00879	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-7.00000	99.30000	0.01247	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-7.00000	99.30000	0.01661	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-7.00000	99.30000	0.02126	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-7.00000	99.30000	0.02649	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-7.00000	99.30000	0.03235	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-7.00000	99.30000	0.03892	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-7.00000	99.30000	0.04628	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-7.00000	99.30000	0.05452	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-7.00000	99.30000	0.06372	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-7.00000	99.30000	0.07401	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-34.00000	-7.00000	99.30000	0.08549	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-7.00000	99.30000	0.09829	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-7.00000	99.30000	0.11254	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-7.00000	99.30000	0.12838	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-7.00000	99.30000	0.14595	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-7.00000	99.30000	0.16538	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-7.00000	99.30000	0.18679	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-7.00000	99.30000	0.21028	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-7.00000	99.30000	0.23590	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-7.00000	99.30000	0.26361	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-7.00000	99.30000	0.29330	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-7.00000	99.30000	0.32472	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-7.00000	99.30000	0.35747	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-7.00000	99.30000	0.39095	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-7.00000	99.30000	0.42441	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-7.00000	99.30000	0.45698	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-7.00000	99.30000	0.48767	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-7.00000	99.30000	0.51554	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-7.00000	99.30000	0.53969	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-7.00000	99.30000	0.55938	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-7.00000	99.30000	0.57407	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-7.00000	99.30000	0.58340	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-7.00000	99.30000	0.58722	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-7.00000	99.30000	0.58554	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-7.00000	99.30000	0.57854	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-7.00000	99.30000	0.56656	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-7.00000	99.30000	0.54999	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-7.00000	99.30000	0.52936	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-7.00000	99.30000	0.50523	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-7.00000	99.30000	0.47822	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-7.00000	99.30000	0.44902	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-7.00000	99.30000	0.41833	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-7.00000	99.30000	0.38684	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-7.00000	99.30000	0.35525	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-7.00000	99.30000	0.32414	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-7.00000	99.30000	0.29402	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-7.00000	99.30000	0.26528	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-7.00000	99.30000	0.23821	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-7.00000	99.30000	0.21296	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-7.00000	99.30000	0.18963	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-7.00000	99.30000	0.16822	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-7.00000	99.30000	0.14868	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-7.00000	99.30000	0.13093	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-7.00000	99.30000	0.11488	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-7.00000	99.30000	0.10039	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-7.00000	99.30000	0.08736	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-7.00000	99.30000	0.07565	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-7.00000	99.30000	0.06515	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-7.00000	99.30000	0.05575	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-7.00000	99.30000	0.04734	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-7.00000	99.30000	0.03983	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-7.00000	99.30000	0.03312	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-7.00000	99.30000	0.02714	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-7.00000	99.30000	0.02181	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-7.00000	99.30000	0.01707	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-7.00000	99.30000	0.01286	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-7.00000	99.30000	0.00912	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-7.00000	99.30000	0.00580	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-7.00000	99.30000	0.00287	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-7.00000	99.30000	0.00027	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-7.00000	99.30000	-0.00202	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-7.00000	99.30000	-0.00403	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-7.00000	99.30000	-0.00580	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-7.00000	99.30000	-0.00734	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-7.00000	99.30000	-0.00869	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-6.00000	99.30000	0.01023	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-6.00000	99.30000	0.01415	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-6.00000	99.30000	0.01856	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-6.00000	99.30000	0.02353	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-6.00000	99.30000	0.02913	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-6.00000	99.30000	0.03542	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-39.00000	-6.00000	99.30000	0.04250	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-6.00000	99.30000	0.05045	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-6.00000	99.30000	0.05939	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-6.00000	99.30000	0.06942	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-6.00000	99.30000	0.08067	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-6.00000	99.30000	0.09330	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-6.00000	99.30000	0.10746	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-6.00000	99.30000	0.12332	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-6.00000	99.30000	0.14107	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-6.00000	99.30000	0.16090	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-6.00000	99.30000	0.18303	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-6.00000	99.30000	0.20765	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-6.00000	99.30000	0.23493	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-6.00000	99.30000	0.26502	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-6.00000	99.30000	0.29796	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-6.00000	99.30000	0.33370	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-6.00000	99.30000	0.37200	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-6.00000	99.30000	0.41240	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-6.00000	99.30000	0.45419	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-6.00000	99.30000	0.49637	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-6.00000	99.30000	0.53772	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-6.00000	99.30000	0.57686	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-6.00000	99.30000	0.61243	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-6.00000	99.30000	0.64320	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-6.00000	99.30000	0.66816	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-6.00000	99.30000	0.68661	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-6.00000	99.30000	0.69811	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-6.00000	99.30000	0.70250	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-6.00000	99.30000	0.69988	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-6.00000	99.30000	0.69052	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-6.00000	99.30000	0.67491	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-6.00000	99.30000	0.65361	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-6.00000	99.30000	0.62729	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-6.00000	99.30000	0.59670	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-6.00000	99.30000	0.56263	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-6.00000	99.30000	0.52594	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-6.00000	99.30000	0.48756	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-6.00000	99.30000	0.44842	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-6.00000	99.30000	0.40941	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-6.00000	99.30000	0.37132	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-6.00000	99.30000	0.33478	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-6.00000	99.30000	0.30027	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-6.00000	99.30000	0.26809	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-6.00000	99.30000	0.23839	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-6.00000	99.30000	0.21122	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-6.00000	99.30000	0.18652	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-6.00000	99.30000	0.16418	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-6.00000	99.30000	0.14407	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-6.00000	99.30000	0.12602	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-6.00000	99.30000	0.10985	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-6.00000	99.30000	0.09539	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-6.00000	99.30000	0.08248	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-6.00000	99.30000	0.07097	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-6.00000	99.30000	0.06071	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-6.00000	99.30000	0.05158	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-6.00000	99.30000	0.04345	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-6.00000	99.30000	0.03622	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-6.00000	99.30000	0.02980	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-6.00000	99.30000	0.02409	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-6.00000	99.30000	0.01902	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-6.00000	99.30000	0.01453	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-6.00000	99.30000	0.01055	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-6.00000	99.30000	0.00703	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-6.00000	99.30000	0.00392	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-6.00000	99.30000	0.00117	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-6.00000	99.30000	-0.00125	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-6.00000	99.30000	-0.00337	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-6.00000	99.30000	-0.00524	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-6.00000	99.30000	-0.00687	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-6.00000	99.30000	-0.00829	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-5.00000	99.30000	0.01164	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-44.00000	-5.00000	99.30000	0.01579	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-5.00000	99.30000	0.02047	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-5.00000	99.30000	0.02576	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-5.00000	99.30000	0.03173	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-5.00000	99.30000	0.03846	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-5.00000	99.30000	0.04606	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-5.00000	99.30000	0.05461	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-5.00000	99.30000	0.06426	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-5.00000	99.30000	0.07514	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-5.00000	99.30000	0.08741	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-5.00000	99.30000	0.10123	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-5.00000	99.30000	0.11682	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-5.00000	99.30000	0.13440	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-5.00000	99.30000	0.15422	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-5.00000	99.30000	0.17654	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-5.00000	99.30000	0.20167	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-5.00000	99.30000	0.22990	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-5.00000	99.30000	0.26155	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-5.00000	99.30000	0.29688	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-5.00000	99.30000	0.33610	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-5.00000	99.30000	0.37926	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-5.00000	99.30000	0.42622	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-5.00000	99.30000	0.47651	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-5.00000	99.30000	0.52925	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-5.00000	99.30000	0.58312	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-5.00000	99.30000	0.63638	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-5.00000	99.30000	0.68704	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-5.00000	99.30000	0.73310	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-5.00000	99.30000	0.77279	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-5.00000	99.30000	0.80474	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-5.00000	99.30000	0.82805	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-5.00000	99.30000	0.84222	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-5.00000	99.30000	0.84712	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-5.00000	99.30000	0.84296	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-5.00000	99.30000	0.83020	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-5.00000	99.30000	0.80955	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-5.00000	99.30000	0.78184	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-5.00000	99.30000	0.74795	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-5.00000	99.30000	0.70881	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-5.00000	99.30000	0.66541	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-5.00000	99.30000	0.61887	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-5.00000	99.30000	0.57039	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-5.00000	99.30000	0.52124	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-5.00000	99.30000	0.47264	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-5.00000	99.30000	0.42563	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-5.00000	99.30000	0.38104	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-5.00000	99.30000	0.33940	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-5.00000	99.30000	0.30104	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-5.00000	99.30000	0.26606	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-5.00000	99.30000	0.23441	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-5.00000	99.30000	0.20596	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-5.00000	99.30000	0.18048	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-5.00000	99.30000	0.15775	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-5.00000	99.30000	0.13752	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-5.00000	99.30000	0.11953	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-5.00000	99.30000	0.10356	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-5.00000	99.30000	0.08939	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-5.00000	99.30000	0.07682	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-5.00000	99.30000	0.06567	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-5.00000	99.30000	0.05579	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-5.00000	99.30000	0.04704	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-5.00000	99.30000	0.03928	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-5.00000	99.30000	0.03241	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-5.00000	99.30000	0.02632	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-5.00000	99.30000	0.02093	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-5.00000	99.30000	0.01616	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-5.00000	99.30000	0.01195	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-5.00000	99.30000	0.00822	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-5.00000	99.30000	0.00494	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-5.00000	99.30000	0.00205	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-5.00000	99.30000	-0.00050	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	27.00000	-5.00000	99.30000	-0.00273	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-5.00000	99.30000	-0.00469	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-5.00000	99.30000	-0.00640	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-5.00000	99.30000	-0.00789	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-4.00000	99.30000	0.01301	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-4.00000	99.30000	0.01739	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-4.00000	99.30000	0.02234	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-4.00000	99.30000	0.02794	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-4.00000	99.30000	0.03428	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-4.00000	99.30000	0.04145	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-4.00000	99.30000	0.04955	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-4.00000	99.30000	0.05872	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-4.00000	99.30000	0.06909	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-4.00000	99.30000	0.08084	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-4.00000	99.30000	0.09413	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-4.00000	99.30000	0.10920	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-4.00000	99.30000	0.12629	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-4.00000	99.30000	0.14568	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-4.00000	99.30000	0.16770	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-4.00000	99.30000	0.19271	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-4.00000	99.30000	0.22113	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-4.00000	99.30000	0.25341	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-4.00000	99.30000	0.29003	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-4.00000	99.30000	0.33147	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-4.00000	99.30000	0.37818	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-4.00000	99.30000	0.43047	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-4.00000	99.30000	0.48838	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-4.00000	99.30000	0.55155	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-4.00000	99.30000	0.61897	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-4.00000	99.30000	0.68889	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-4.00000	99.30000	0.75877	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-4.00000	99.30000	0.82558	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-4.00000	99.30000	0.88625	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-4.00000	99.30000	0.93818	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-4.00000	99.30000	0.97950	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-4.00000	99.30000	1.00911	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-4.00000	99.30000	1.02651	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-4.00000	99.30000	1.03165	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-4.00000	99.30000	1.02493	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-4.00000	99.30000	1.00712	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-4.00000	99.30000	0.97933	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-4.00000	99.30000	0.94278	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-4.00000	99.30000	0.89866	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-4.00000	99.30000	0.84808	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-4.00000	99.30000	0.79223	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-4.00000	99.30000	0.73250	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-4.00000	99.30000	0.67052	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-4.00000	99.30000	0.60807	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-4.00000	99.30000	0.54685	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-4.00000	99.30000	0.48831	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-4.00000	99.30000	0.43350	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-4.00000	99.30000	0.38303	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-4.00000	99.30000	0.33719	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-4.00000	99.30000	0.29595	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-4.00000	99.30000	0.25913	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-4.00000	99.30000	0.22641	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-4.00000	99.30000	0.19743	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-4.00000	99.30000	0.17183	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-4.00000	99.30000	0.14924	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-4.00000	99.30000	0.12932	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-4.00000	99.30000	0.11176	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-4.00000	99.30000	0.09627	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-4.00000	99.30000	0.08262	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-4.00000	99.30000	0.07057	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-4.00000	99.30000	0.05993	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-4.00000	99.30000	0.05055	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-4.00000	99.30000	0.04226	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-4.00000	99.30000	0.03494	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-4.00000	99.30000	0.02848	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-4.00000	99.30000	0.02277	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-4.00000	99.30000	0.01773	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	22.00000	-4.00000	99.30000	0.01329	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-4.00000	99.30000	0.00937	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-4.00000	99.30000	0.00592	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-4.00000	99.30000	0.00288	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-4.00000	99.30000	0.00021	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-4.00000	99.30000	-0.00213	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-4.00000	99.30000	-0.00418	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-4.00000	99.30000	-0.00596	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-4.00000	99.30000	-0.00752	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-3.00000	99.30000	0.01432	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-3.00000	99.30000	0.01891	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-3.00000	99.30000	0.02413	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-3.00000	99.30000	0.03004	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-3.00000	99.30000	0.03674	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-3.00000	99.30000	0.04433	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-3.00000	99.30000	0.05295	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-3.00000	99.30000	0.06272	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-3.00000	99.30000	0.07382	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-3.00000	99.30000	0.08643	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-3.00000	99.30000	0.10077	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-3.00000	99.30000	0.11711	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-3.00000	99.30000	0.13574	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-3.00000	99.30000	0.15701	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-3.00000	99.30000	0.18135	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-3.00000	99.30000	0.20922	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-3.00000	99.30000	0.24120	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-3.00000	99.30000	0.27792	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-3.00000	99.30000	0.32012	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-3.00000	99.30000	0.36861	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-3.00000	99.30000	0.42419	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-3.00000	99.30000	0.48764	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-3.00000	99.30000	0.55944	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-3.00000	99.30000	0.63957	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-3.00000	99.30000	0.72707	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-3.00000	99.30000	0.81964	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-3.00000	99.30000	0.91350	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-3.00000	99.30000	1.00374	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-3.00000	99.30000	1.08538	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-3.00000	99.30000	1.15442	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-3.00000	99.30000	1.20839	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-3.00000	99.30000	1.24617	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-3.00000	99.30000	1.26738	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-3.00000	99.30000	1.27212	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-3.00000	99.30000	1.26103	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-3.00000	99.30000	1.23541	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-3.00000	99.30000	1.19713	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-3.00000	99.30000	1.14815	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-3.00000	99.30000	1.09003	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-3.00000	99.30000	1.02401	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-3.00000	99.30000	0.95131	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-3.00000	99.30000	0.87362	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-3.00000	99.30000	0.79318	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-3.00000	99.30000	0.71261	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-3.00000	99.30000	0.63447	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-3.00000	99.30000	0.56077	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-3.00000	99.30000	0.49288	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-3.00000	99.30000	0.43143	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-3.00000	99.30000	0.37653	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-3.00000	99.30000	0.32793	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-3.00000	99.30000	0.28515	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-3.00000	99.30000	0.24764	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-3.00000	99.30000	0.21482	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-3.00000	99.30000	0.18612	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-3.00000	99.30000	0.16103	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-3.00000	99.30000	0.13908	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-3.00000	99.30000	0.11987	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-3.00000	99.30000	0.10304	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-3.00000	99.30000	0.08828	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-3.00000	99.30000	0.07532	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-3.00000	99.30000	0.06394	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-3.00000	99.30000	0.05393	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	17.00000	-3.00000	99.30000	0.04512	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-3.00000	99.30000	0.03737	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-3.00000	99.30000	0.03054	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-3.00000	99.30000	0.02452	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-3.00000	99.30000	0.01923	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-3.00000	99.30000	0.01456	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-3.00000	99.30000	0.01045	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-3.00000	99.30000	0.00684	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-3.00000	99.30000	0.00367	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-3.00000	99.30000	0.00089	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-3.00000	99.30000	-0.00155	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-3.00000	99.30000	-0.00369	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-3.00000	99.30000	-0.00555	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-3.00000	99.30000	-0.00717	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-2.00000	99.30000	0.01555	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-2.00000	99.30000	0.02036	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-2.00000	99.30000	0.02582	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-2.00000	99.30000	0.03202	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-2.00000	99.30000	0.03907	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-2.00000	99.30000	0.04708	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-2.00000	99.30000	0.05619	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-2.00000	99.30000	0.06655	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-2.00000	99.30000	0.07836	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-2.00000	99.30000	0.09183	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-2.00000	99.30000	0.10722	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-2.00000	99.30000	0.12482	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-2.00000	99.30000	0.14501	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-2.00000	99.30000	0.16821	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-2.00000	99.30000	0.19493	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-2.00000	99.30000	0.22579	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-2.00000	99.30000	0.26154	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-2.00000	99.30000	0.30307	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-2.00000	99.30000	0.35143	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-2.00000	99.30000	0.40788	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-2.00000	99.30000	0.47383	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-2.00000	99.30000	0.55078	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-2.00000	99.30000	0.64015	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-2.00000	99.30000	0.74279	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-2.00000	99.30000	0.85830	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-2.00000	99.30000	0.98397	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-2.00000	99.30000	1.11399	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-2.00000	99.30000	1.23990	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-2.00000	99.30000	1.35279	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-2.00000	99.30000	1.44625	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-2.00000	99.30000	1.51734	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-2.00000	99.30000	1.56556	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-2.00000	99.30000	1.59111	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-2.00000	99.30000	1.59416	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-2.00000	99.30000	1.57540	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-2.00000	99.30000	1.53700	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-2.00000	99.30000	1.48253	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-2.00000	99.30000	1.41551	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-2.00000	99.30000	1.33806	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-2.00000	99.30000	1.25106	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-2.00000	99.30000	1.15526	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-2.00000	99.30000	1.05248	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-2.00000	99.30000	0.94600	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-2.00000	99.30000	0.84001	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-2.00000	99.30000	0.73855	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-2.00000	99.30000	0.64460	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-2.00000	99.30000	0.55981	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-2.00000	99.30000	0.48467	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-2.00000	99.30000	0.41887	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-2.00000	99.30000	0.36167	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-2.00000	99.30000	0.31215	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-2.00000	99.30000	0.26934	99.150	0.0	0.0	0.0
1	PDISP	7.00000	-2.00000	99.30000	0.23235	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-2.00000	99.30000	0.20037	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-2.00000	99.30000	0.17267	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-2.00000	99.30000	0.14864	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-2.00000	99.30000	0.12775	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	12.00000	-2.00000	99.30000	0.10957	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-2.00000	99.30000	0.09372	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-2.00000	99.30000	0.07987	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-2.00000	99.30000	0.06775	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-2.00000	99.30000	0.05713	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-2.00000	99.30000	0.04782	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-2.00000	99.30000	0.03965	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-2.00000	99.30000	0.03247	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-2.00000	99.30000	0.02616	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-2.00000	99.30000	0.02062	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-2.00000	99.30000	0.01575	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-2.00000	99.30000	0.01146	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-2.00000	99.30000	0.00770	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-2.00000	99.30000	0.00440	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-2.00000	99.30000	0.00151	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-2.00000	99.30000	-0.00102	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-2.00000	99.30000	-0.00324	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-2.00000	99.30000	-0.00517	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-2.00000	99.30000	-0.00685	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	-1.00000	99.30000	0.01669	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	-1.00000	99.30000	0.02170	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	-1.00000	99.30000	0.02740	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	-1.00000	99.30000	0.03388	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	-1.00000	99.30000	0.04125	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	-1.00000	99.30000	0.04966	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	-1.00000	99.30000	0.05924	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	-1.00000	99.30000	0.07017	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	-1.00000	99.30000	0.08267	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	-1.00000	99.30000	0.09697	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	-1.00000	99.30000	0.11337	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	-1.00000	99.30000	0.13222	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	-1.00000	99.30000	0.15395	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	-1.00000	99.30000	0.17907	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	-1.00000	99.30000	0.20820	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	-1.00000	99.30000	0.24212	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	-1.00000	99.30000	0.28177	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	-1.00000	99.30000	0.32835	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	-1.00000	99.30000	0.38333	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	-1.00000	99.30000	0.44856	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	-1.00000	99.30000	0.52632	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	-1.00000	99.30000	0.61932	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	-1.00000	99.30000	0.73061	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	-1.00000	99.30000	0.86312	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	-1.00000	99.30000	1.01842	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	-1.00000	99.30000	1.19448	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	-1.00000	99.30000	1.38257	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	-1.00000	99.30000	1.56656	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	-1.00000	99.30000	1.72854	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	-1.00000	99.30000	1.85742	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	-1.00000	99.30000	1.95123	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	-1.00000	99.30000	2.01243	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	-1.00000	99.30000	2.04284	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	-1.00000	99.30000	2.04193	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	-1.00000	99.30000	2.00913	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	-1.00000	99.30000	1.94794	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	-1.00000	99.30000	1.86647	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	-1.00000	99.30000	1.77224	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	-1.00000	99.30000	1.66796	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	-1.00000	99.30000	1.55252	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	-1.00000	99.30000	1.42458	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	-1.00000	99.30000	1.28555	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	-1.00000	99.30000	1.14068	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	-1.00000	99.30000	0.99747	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	-1.00000	99.30000	0.86288	99.150	0.0	0.0	0.0
1	PDISP	0.00000	-1.00000	99.30000	0.74135	99.150	0.0	0.0	0.0
1	PDISP	1.00000	-1.00000	99.30000	0.63461	99.150	0.0	0.0	0.0
1	PDISP	2.00000	-1.00000	99.30000	0.54246	99.150	0.0	0.0	0.0
1	PDISP	3.00000	-1.00000	99.30000	0.46367	99.150	0.0	0.0	0.0
1	PDISP	4.00000	-1.00000	99.30000	0.39661	99.150	0.0	0.0	0.0
1	PDISP	5.00000	-1.00000	99.30000	0.33958	99.150	0.0	0.0	0.0
1	PDISP	6.00000	-1.00000	99.30000	0.29105	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	7.00000	-1.00000	99.30000	0.24966	99.150	0.0	0.0	0.0
1	PDISP	8.00000	-1.00000	99.30000	0.21426	99.150	0.0	0.0	0.0
1	PDISP	9.00000	-1.00000	99.30000	0.18390	99.150	0.0	0.0	0.0
1	PDISP	10.00000	-1.00000	99.30000	0.15778	99.150	0.0	0.0	0.0
1	PDISP	11.00000	-1.00000	99.30000	0.13524	99.150	0.0	0.0	0.0
1	PDISP	12.00000	-1.00000	99.30000	0.11574	99.150	0.0	0.0	0.0
1	PDISP	13.00000	-1.00000	99.30000	0.09882	99.150	0.0	0.0	0.0
1	PDISP	14.00000	-1.00000	99.30000	0.08411	99.150	0.0	0.0	0.0
1	PDISP	15.00000	-1.00000	99.30000	0.07129	99.150	0.0	0.0	0.0
1	PDISP	16.00000	-1.00000	99.30000	0.06010	99.150	0.0	0.0	0.0
1	PDISP	17.00000	-1.00000	99.30000	0.05032	99.150	0.0	0.0	0.0
1	PDISP	18.00000	-1.00000	99.30000	0.04175	99.150	0.0	0.0	0.0
1	PDISP	19.00000	-1.00000	99.30000	0.03425	99.150	0.0	0.0	0.0
1	PDISP	20.00000	-1.00000	99.30000	0.02767	99.150	0.0	0.0	0.0
1	PDISP	21.00000	-1.00000	99.30000	0.02189	99.150	0.0	0.0	0.0
1	PDISP	22.00000	-1.00000	99.30000	0.01683	99.150	0.0	0.0	0.0
1	PDISP	23.00000	-1.00000	99.30000	0.01238	99.150	0.0	0.0	0.0
1	PDISP	24.00000	-1.00000	99.30000	0.00849	99.150	0.0	0.0	0.0
1	PDISP	25.00000	-1.00000	99.30000	0.00507	99.150	0.0	0.0	0.0
1	PDISP	26.00000	-1.00000	99.30000	0.00208	99.150	0.0	0.0	0.0
1	PDISP	27.00000	-1.00000	99.30000	-0.00054	99.150	0.0	0.0	0.0
1	PDISP	28.00000	-1.00000	99.30000	-0.00283	99.150	0.0	0.0	0.0
1	PDISP	29.00000	-1.00000	99.30000	-0.00482	99.150	0.0	0.0	0.0
1	PDISP	30.00000	-1.00000	99.30000	-0.00655	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	0.00000	99.30000	0.01773	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	0.00000	99.30000	0.02292	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	0.00000	99.30000	0.02883	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	0.00000	99.30000	0.03557	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	0.00000	99.30000	0.04325	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	0.00000	99.30000	0.05202	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	0.00000	99.30000	0.06205	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	0.00000	99.30000	0.07351	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	0.00000	99.30000	0.08665	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	0.00000	99.30000	0.10174	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	0.00000	99.30000	0.11912	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	0.00000	99.30000	0.13917	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	0.00000	99.30000	0.16239	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	0.00000	99.30000	0.18938	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	0.00000	99.30000	0.22088	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	0.00000	99.30000	0.25782	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	0.00000	99.30000	0.30140	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	0.00000	99.30000	0.35313	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	0.00000	99.30000	0.41499	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	0.00000	99.30000	0.48957	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	0.00000	99.30000	0.58030	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	0.00000	99.30000	0.69169	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	0.00000	99.30000	0.82958	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	0.00000	99.30000	1.00107	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	0.00000	99.30000	1.21337	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	0.00000	99.30000	1.46966	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	0.00000	99.30000	1.75941	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	0.00000	99.30000	2.04862	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	0.00000	99.30000	2.29365	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	0.00000	99.30000	2.47386	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	0.00000	99.30000	2.59554	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	0.00000	99.30000	2.67168	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	0.00000	99.30000	2.70822	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	0.00000	99.30000	2.70070	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	0.00000	99.30000	2.64076	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	0.00000	99.30000	2.53296	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	0.00000	99.30000	2.40057	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	0.00000	99.30000	2.26311	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	0.00000	99.30000	2.12213	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	0.00000	99.30000	1.96905	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	0.00000	99.30000	1.79574	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	0.00000	99.30000	1.60154	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	0.00000	99.30000	1.39618	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	0.00000	99.30000	1.19526	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	0.00000	99.30000	1.01181	99.150	0.0	0.0	0.0
1	PDISP	0.00000	0.00000	99.30000	0.85211	99.150	0.0	0.0	0.0
1	PDISP	1.00000	0.00000	99.30000	0.71687	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	2.00000	0.00000	99.30000	0.60389	99.150	0.0	0.0	0.0
1	PDISP	3.00000	0.00000	99.30000	0.50996	99.150	0.0	0.0	0.0
1	PDISP	4.00000	0.00000	99.30000	0.43184	99.150	0.0	0.0	0.0
1	PDISP	5.00000	0.00000	99.30000	0.36670	99.150	0.0	0.0	0.0
1	PDISP	6.00000	0.00000	99.30000	0.31215	99.150	0.0	0.0	0.0
1	PDISP	7.00000	0.00000	99.30000	0.26625	99.150	0.0	0.0	0.0
1	PDISP	8.00000	0.00000	99.30000	0.22743	99.150	0.0	0.0	0.0
1	PDISP	9.00000	0.00000	99.30000	0.19445	99.150	0.0	0.0	0.0
1	PDISP	10.00000	0.00000	99.30000	0.16630	99.150	0.0	0.0	0.0
1	PDISP	11.00000	0.00000	99.30000	0.14217	99.150	0.0	0.0	0.0
1	PDISP	12.00000	0.00000	99.30000	0.12141	99.150	0.0	0.0	0.0
1	PDISP	13.00000	0.00000	99.30000	0.10349	99.150	0.0	0.0	0.0
1	PDISP	14.00000	0.00000	99.30000	0.08797	99.150	0.0	0.0	0.0
1	PDISP	15.00000	0.00000	99.30000	0.07450	99.150	0.0	0.0	0.0
1	PDISP	16.00000	0.00000	99.30000	0.06278	99.150	0.0	0.0	0.0
1	PDISP	17.00000	0.00000	99.30000	0.05256	99.150	0.0	0.0	0.0
1	PDISP	18.00000	0.00000	99.30000	0.04364	99.150	0.0	0.0	0.0
1	PDISP	19.00000	0.00000	99.30000	0.03584	99.150	0.0	0.0	0.0
1	PDISP	20.00000	0.00000	99.30000	0.02901	99.150	0.0	0.0	0.0
1	PDISP	21.00000	0.00000	99.30000	0.02303	99.150	0.0	0.0	0.0
1	PDISP	22.00000	0.00000	99.30000	0.01779	99.150	0.0	0.0	0.0
1	PDISP	23.00000	0.00000	99.30000	0.01320	99.150	0.0	0.0	0.0
1	PDISP	24.00000	0.00000	99.30000	0.00918	99.150	0.0	0.0	0.0
1	PDISP	25.00000	0.00000	99.30000	0.00566	99.150	0.0	0.0	0.0
1	PDISP	26.00000	0.00000	99.30000	0.00258	99.150	0.0	0.0	0.0
1	PDISP	27.00000	0.00000	99.30000	-0.00012	99.150	0.0	0.0	0.0
1	PDISP	28.00000	0.00000	99.30000	-0.00247	99.150	0.0	0.0	0.0
1	PDISP	29.00000	0.00000	99.30000	-0.00451	99.150	0.0	0.0	0.0
1	PDISP	30.00000	0.00000	99.30000	-0.00629	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	1.00000	99.30000	0.01865	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	1.00000	99.30000	0.02400	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	1.00000	99.30000	0.03011	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	1.00000	99.30000	0.03708	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	1.00000	99.30000	0.04504	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	1.00000	99.30000	0.05414	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	1.00000	99.30000	0.06456	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	1.00000	99.30000	0.07652	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	1.00000	99.30000	0.09025	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	1.00000	99.30000	0.10607	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	1.00000	99.30000	0.12435	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	1.00000	99.30000	0.14552	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	1.00000	99.30000	0.17014	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	1.00000	99.30000	0.19890	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	1.00000	99.30000	0.23266	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	1.00000	99.30000	0.27252	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	1.00000	99.30000	0.31990	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	1.00000	99.30000	0.37668	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	1.00000	99.30000	0.44538	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	1.00000	99.30000	0.52944	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	1.00000	99.30000	0.63370	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	1.00000	99.30000	0.76504	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	1.00000	99.30000	0.93345	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	1.00000	99.30000	1.15346	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	1.00000	99.30000	1.44551	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	1.00000	99.30000	1.83376	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	1.00000	99.30000	2.32474	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	1.00000	99.30000	2.84278	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	1.00000	99.30000	3.24490	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	1.00000	99.30000	3.49371	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	1.00000	99.30000	3.64069	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	1.00000	99.30000	3.73063	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	1.00000	99.30000	3.77882	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	1.00000	99.30000	3.76794	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	1.00000	99.30000	3.65216	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	1.00000	99.30000	3.42428	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	1.00000	99.30000	3.17614	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	1.00000	99.30000	2.96684	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	1.00000	99.30000	2.77934	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	1.00000	99.30000	2.58009	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	1.00000	99.30000	2.34194	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	1.00000	99.30000	2.05641	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-3.00000	1.00000	99.30000	1.74537	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	1.00000	99.30000	1.44760	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	1.00000	99.30000	1.18922	99.150	0.0	0.0	0.0
1	PDISP	0.00000	1.00000	99.30000	0.97643	99.150	0.0	0.0	0.0
1	PDISP	1.00000	1.00000	99.30000	0.80483	99.150	0.0	0.0	0.0
1	PDISP	2.00000	1.00000	99.30000	0.66705	99.150	0.0	0.0	0.0
1	PDISP	3.00000	1.00000	99.30000	0.55607	99.150	0.0	0.0	0.0
1	PDISP	4.00000	1.00000	99.30000	0.46608	99.150	0.0	0.0	0.0
1	PDISP	5.00000	1.00000	99.30000	0.39253	99.150	0.0	0.0	0.0
1	PDISP	6.00000	1.00000	99.30000	0.33192	99.150	0.0	0.0	0.0
1	PDISP	7.00000	1.00000	99.30000	0.28158	99.150	0.0	0.0	0.0
1	PDISP	8.00000	1.00000	99.30000	0.23947	99.150	0.0	0.0	0.0
1	PDISP	9.00000	1.00000	99.30000	0.20400	99.150	0.0	0.0	0.0
1	PDISP	10.00000	1.00000	99.30000	0.17395	99.150	0.0	0.0	0.0
1	PDISP	11.00000	1.00000	99.30000	0.14835	99.150	0.0	0.0	0.0
1	PDISP	12.00000	1.00000	99.30000	0.12644	99.150	0.0	0.0	0.0
1	PDISP	13.00000	1.00000	99.30000	0.10761	99.150	0.0	0.0	0.0
1	PDISP	14.00000	1.00000	99.30000	0.09137	99.150	0.0	0.0	0.0
1	PDISP	15.00000	1.00000	99.30000	0.07732	99.150	0.0	0.0	0.0
1	PDISP	16.00000	1.00000	99.30000	0.06512	99.150	0.0	0.0	0.0
1	PDISP	17.00000	1.00000	99.30000	0.05452	99.150	0.0	0.0	0.0
1	PDISP	18.00000	1.00000	99.30000	0.04528	99.150	0.0	0.0	0.0
1	PDISP	19.00000	1.00000	99.30000	0.03722	99.150	0.0	0.0	0.0
1	PDISP	20.00000	1.00000	99.30000	0.03018	99.150	0.0	0.0	0.0
1	PDISP	21.00000	1.00000	99.30000	0.02402	99.150	0.0	0.0	0.0
1	PDISP	22.00000	1.00000	99.30000	0.01863	99.150	0.0	0.0	0.0
1	PDISP	23.00000	1.00000	99.30000	0.01391	99.150	0.0	0.0	0.0
1	PDISP	24.00000	1.00000	99.30000	0.00978	99.150	0.0	0.0	0.0
1	PDISP	25.00000	1.00000	99.30000	0.00617	99.150	0.0	0.0	0.0
1	PDISP	26.00000	1.00000	99.30000	0.00301	99.150	0.0	0.0	0.0
1	PDISP	27.00000	1.00000	99.30000	0.00025	99.150	0.0	0.0	0.0
1	PDISP	28.00000	1.00000	99.30000	-0.00216	99.150	0.0	0.0	0.0
1	PDISP	29.00000	1.00000	99.30000	-0.00425	99.150	0.0	0.0	0.0
1	PDISP	30.00000	1.00000	99.30000	-0.00607	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	2.00000	99.30000	0.01944	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	2.00000	99.30000	0.02493	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	2.00000	99.30000	0.03121	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	2.00000	99.30000	0.03838	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	2.00000	99.30000	0.04658	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	2.00000	99.30000	0.05597	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	2.00000	99.30000	0.06675	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	2.00000	99.30000	0.07914	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	2.00000	99.30000	0.09340	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	2.00000	99.30000	0.10987	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	2.00000	99.30000	0.12895	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	2.00000	99.30000	0.15114	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	2.00000	99.30000	0.17703	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	2.00000	99.30000	0.20741	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	2.00000	99.30000	0.24324	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	2.00000	99.30000	0.28579	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	2.00000	99.30000	0.33671	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	2.00000	99.30000	0.39822	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	2.00000	99.30000	0.47337	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	2.00000	99.30000	0.56647	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	2.00000	99.30000	0.68384	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	2.00000	99.30000	0.83507	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	2.00000	99.30000	1.03536	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	2.00000	99.30000	1.31001	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	2.00000	99.30000	1.70363	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	2.00000	99.30000	2.30022	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	2.00000	99.30000	3.25375	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	2.00000	99.30000	4.50259	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	2.00000	99.30000	5.24707	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	2.00000	99.30000	5.54377	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	2.00000	99.30000	5.68298	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	2.00000	99.30000	5.77622	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	2.00000	99.30000	5.85524	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	2.00000	99.30000	5.88581	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	2.00000	99.30000	5.66281	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	2.00000	99.30000	4.95173	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	2.00000	99.30000	4.36462	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-8.00000	2.00000	99.30000	4.04473	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	2.00000	99.30000	3.81252	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	2.00000	99.30000	3.56845	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	2.00000	99.30000	3.23906	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	2.00000	99.30000	2.77961	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	2.00000	99.30000	2.24907	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	2.00000	99.30000	1.77116	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	2.00000	99.30000	1.39518	99.150	0.0	0.0	0.0
1	PDISP	0.00000	2.00000	99.30000	1.11031	99.150	0.0	0.0	0.0
1	PDISP	1.00000	2.00000	99.30000	0.89437	99.150	0.0	0.0	0.0
1	PDISP	2.00000	2.00000	99.30000	0.72869	99.150	0.0	0.0	0.0
1	PDISP	3.00000	2.00000	99.30000	0.59965	99.150	0.0	0.0	0.0
1	PDISP	4.00000	2.00000	99.30000	0.49763	99.150	0.0	0.0	0.0
1	PDISP	5.00000	2.00000	99.30000	0.41586	99.150	0.0	0.0	0.0
1	PDISP	6.00000	2.00000	99.30000	0.34950	99.150	0.0	0.0	0.0
1	PDISP	7.00000	2.00000	99.30000	0.29504	99.150	0.0	0.0	0.0
1	PDISP	8.00000	2.00000	99.30000	0.24992	99.150	0.0	0.0	0.0
1	PDISP	9.00000	2.00000	99.30000	0.21222	99.150	0.0	0.0	0.0
1	PDISP	10.00000	2.00000	99.30000	0.18049	99.150	0.0	0.0	0.0
1	PDISP	11.00000	2.00000	99.30000	0.15360	99.150	0.0	0.0	0.0
1	PDISP	12.00000	2.00000	99.30000	0.13069	99.150	0.0	0.0	0.0
1	PDISP	13.00000	2.00000	99.30000	0.11108	99.150	0.0	0.0	0.0
1	PDISP	14.00000	2.00000	99.30000	0.09422	99.150	0.0	0.0	0.0
1	PDISP	15.00000	2.00000	99.30000	0.07967	99.150	0.0	0.0	0.0
1	PDISP	16.00000	2.00000	99.30000	0.06708	99.150	0.0	0.0	0.0
1	PDISP	17.00000	2.00000	99.30000	0.05615	99.150	0.0	0.0	0.0
1	PDISP	18.00000	2.00000	99.30000	0.04664	99.150	0.0	0.0	0.0
1	PDISP	19.00000	2.00000	99.30000	0.03836	99.150	0.0	0.0	0.0
1	PDISP	20.00000	2.00000	99.30000	0.03114	99.150	0.0	0.0	0.0
1	PDISP	21.00000	2.00000	99.30000	0.02483	99.150	0.0	0.0	0.0
1	PDISP	22.00000	2.00000	99.30000	0.01931	99.150	0.0	0.0	0.0
1	PDISP	23.00000	2.00000	99.30000	0.01449	99.150	0.0	0.0	0.0
1	PDISP	24.00000	2.00000	99.30000	0.01027	99.150	0.0	0.0	0.0
1	PDISP	25.00000	2.00000	99.30000	0.00659	99.150	0.0	0.0	0.0
1	PDISP	26.00000	2.00000	99.30000	0.00336	99.150	0.0	0.0	0.0
1	PDISP	27.00000	2.00000	99.30000	0.00055	99.150	0.0	0.0	0.0
1	PDISP	28.00000	2.00000	99.30000	-0.00190	99.150	0.0	0.0	0.0
1	PDISP	29.00000	2.00000	99.30000	-0.00404	99.150	0.0	0.0	0.0
1	PDISP	30.00000	2.00000	99.30000	-0.00589	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	3.00000	99.30000	0.02009	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	3.00000	99.30000	0.02570	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	3.00000	99.30000	0.03211	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	3.00000	99.30000	0.03945	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	3.00000	99.30000	0.04785	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	3.00000	99.30000	0.05749	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	3.00000	99.30000	0.06857	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	3.00000	99.30000	0.08132	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	3.00000	99.30000	0.09603	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	3.00000	99.30000	0.11306	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	3.00000	99.30000	0.13284	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	3.00000	99.30000	0.15590	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	3.00000	99.30000	0.18290	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	3.00000	99.30000	0.21470	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	3.00000	99.30000	0.25236	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	3.00000	99.30000	0.29729	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	3.00000	99.30000	0.35134	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	3.00000	99.30000	0.41704	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	3.00000	99.30000	0.49789	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	3.00000	99.30000	0.59897	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	3.00000	99.30000	0.72790	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	3.00000	99.30000	0.89676	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	3.00000	99.30000	1.12585	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	3.00000	99.30000	1.45196	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	3.00000	99.30000	1.94929	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	3.00000	99.30000	2.79729	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	3.00000	99.30000	4.65309	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	3.00000	99.30000	11.02990	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	3.00000	99.30000	12.18439	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	3.00000	99.30000	12.24764	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	3.00000	99.30000	12.27781	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	3.00000	99.30000	12.34250	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-13.00000	3.00000	99.30000	12.48641	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	3.00000	99.30000	12.78087	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	3.00000	99.30000	12.77109	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	3.00000	99.30000	7.79919	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	3.00000	99.30000	6.38079	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	3.00000	99.30000	5.98428	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	3.00000	99.30000	5.74576	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	3.00000	99.30000	5.49398	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	3.00000	99.30000	5.06481	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	3.00000	99.30000	4.18633	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	3.00000	99.30000	3.01867	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	3.00000	99.30000	2.17037	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	3.00000	99.30000	1.61782	99.150	0.0	0.0	0.0
1	PDISP	0.00000	3.00000	99.30000	1.24326	99.150	0.0	0.0	0.0
1	PDISP	1.00000	3.00000	99.30000	0.97827	99.150	0.0	0.0	0.0
1	PDISP	2.00000	3.00000	99.30000	0.78408	99.150	0.0	0.0	0.0
1	PDISP	3.00000	3.00000	99.30000	0.63761	99.150	0.0	0.0	0.0
1	PDISP	4.00000	3.00000	99.30000	0.52448	99.150	0.0	0.0	0.0
1	PDISP	5.00000	3.00000	99.30000	0.43536	99.150	0.0	0.0	0.0
1	PDISP	6.00000	3.00000	99.30000	0.36398	99.150	0.0	0.0	0.0
1	PDISP	7.00000	3.00000	99.30000	0.30600	99.150	0.0	0.0	0.0
1	PDISP	8.00000	3.00000	99.30000	0.25836	99.150	0.0	0.0	0.0
1	PDISP	9.00000	3.00000	99.30000	0.21881	99.150	0.0	0.0	0.0
1	PDISP	10.00000	3.00000	99.30000	0.18569	99.150	0.0	0.0	0.0
1	PDISP	11.00000	3.00000	99.30000	0.15776	99.150	0.0	0.0	0.0
1	PDISP	12.00000	3.00000	99.30000	0.13405	99.150	0.0	0.0	0.0
1	PDISP	13.00000	3.00000	99.30000	0.11381	99.150	0.0	0.0	0.0
1	PDISP	14.00000	3.00000	99.30000	0.09645	99.150	0.0	0.0	0.0
1	PDISP	15.00000	3.00000	99.30000	0.08151	99.150	0.0	0.0	0.0
1	PDISP	16.00000	3.00000	99.30000	0.06860	99.150	0.0	0.0	0.0
1	PDISP	17.00000	3.00000	99.30000	0.05742	99.150	0.0	0.0	0.0
1	PDISP	18.00000	3.00000	99.30000	0.04770	99.150	0.0	0.0	0.0
1	PDISP	19.00000	3.00000	99.30000	0.03925	99.150	0.0	0.0	0.0
1	PDISP	20.00000	3.00000	99.30000	0.03189	99.150	0.0	0.0	0.0
1	PDISP	21.00000	3.00000	99.30000	0.02546	99.150	0.0	0.0	0.0
1	PDISP	22.00000	3.00000	99.30000	0.01984	99.150	0.0	0.0	0.0
1	PDISP	23.00000	3.00000	99.30000	0.01494	99.150	0.0	0.0	0.0
1	PDISP	24.00000	3.00000	99.30000	0.01065	99.150	0.0	0.0	0.0
1	PDISP	25.00000	3.00000	99.30000	0.00691	99.150	0.0	0.0	0.0
1	PDISP	26.00000	3.00000	99.30000	0.00364	99.150	0.0	0.0	0.0
1	PDISP	27.00000	3.00000	99.30000	0.00078	99.150	0.0	0.0	0.0
1	PDISP	28.00000	3.00000	99.30000	-0.00171	99.150	0.0	0.0	0.0
1	PDISP	29.00000	3.00000	99.30000	-0.00387	99.150	0.0	0.0	0.0
1	PDISP	30.00000	3.00000	99.30000	-0.00575	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	4.00000	99.30000	0.02058	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	4.00000	99.30000	0.02628	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	4.00000	99.30000	0.03280	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	4.00000	99.30000	0.04027	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	4.00000	99.30000	0.04883	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	4.00000	99.30000	0.05867	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	4.00000	99.30000	0.06998	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	4.00000	99.30000	0.08302	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	4.00000	99.30000	0.09809	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	4.00000	99.30000	0.11557	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	4.00000	99.30000	0.13592	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	4.00000	99.30000	0.15969	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	4.00000	99.30000	0.18761	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	4.00000	99.30000	0.22058	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	4.00000	99.30000	0.25977	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	4.00000	99.30000	0.30669	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	4.00000	99.30000	0.36338	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	4.00000	99.30000	0.43258	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	4.00000	99.30000	0.51815	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	4.00000	99.30000	0.62568	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	4.00000	99.30000	0.76368	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	4.00000	99.30000	0.94587	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	4.00000	99.30000	1.19595	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	4.00000	99.30000	1.55849	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	4.00000	99.30000	2.12747	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	4.00000	99.30000	3.14015	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	4.00000	99.30000	5.45451	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-18.00000	4.00000	99.30000	12.49956	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	4.00000	99.30000	8.43927	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	4.00000	99.30000	7.31333	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	4.00000	99.30000	7.12207	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	4.00000	99.30000	7.07868	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	4.00000	99.30000	7.24003	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	4.00000	99.30000	8.19678	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	4.00000	99.30000	13.91934	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	4.00000	99.30000	13.44492	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	4.00000	99.30000	12.74961	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	4.00000	99.30000	12.47172	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	4.00000	99.30000	12.30218	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	4.00000	99.30000	12.16353	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	4.00000	99.30000	11.87971	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	4.00000	99.30000	9.86305	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	4.00000	99.30000	4.08294	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	4.00000	99.30000	2.58638	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	4.00000	99.30000	1.82272	99.150	0.0	0.0	0.0
1	PDISP	0.00000	4.00000	99.30000	1.35681	99.150	0.0	0.0	0.0
1	PDISP	1.00000	4.00000	99.30000	1.04638	99.150	0.0	0.0	0.0
1	PDISP	2.00000	4.00000	99.30000	0.82744	99.150	0.0	0.0	0.0
1	PDISP	3.00000	4.00000	99.30000	0.66655	99.150	0.0	0.0	0.0
1	PDISP	4.00000	4.00000	99.30000	0.54453	99.150	0.0	0.0	0.0
1	PDISP	5.00000	4.00000	99.30000	0.44970	99.150	0.0	0.0	0.0
1	PDISP	6.00000	4.00000	99.30000	0.37450	99.150	0.0	0.0	0.0
1	PDISP	7.00000	4.00000	99.30000	0.31390	99.150	0.0	0.0	0.0
1	PDISP	8.00000	4.00000	99.30000	0.26439	99.150	0.0	0.0	0.0
1	PDISP	9.00000	4.00000	99.30000	0.22349	99.150	0.0	0.0	0.0
1	PDISP	10.00000	4.00000	99.30000	0.18937	99.150	0.0	0.0	0.0
1	PDISP	11.00000	4.00000	99.30000	0.16068	99.150	0.0	0.0	0.0
1	PDISP	12.00000	4.00000	99.30000	0.13640	99.150	0.0	0.0	0.0
1	PDISP	13.00000	4.00000	99.30000	0.11571	99.150	0.0	0.0	0.0
1	PDISP	14.00000	4.00000	99.30000	0.09801	99.150	0.0	0.0	0.0
1	PDISP	15.00000	4.00000	99.30000	0.08279	99.150	0.0	0.0	0.0
1	PDISP	16.00000	4.00000	99.30000	0.06966	99.150	0.0	0.0	0.0
1	PDISP	17.00000	4.00000	99.30000	0.05829	99.150	0.0	0.0	0.0
1	PDISP	18.00000	4.00000	99.30000	0.04843	99.150	0.0	0.0	0.0
1	PDISP	19.00000	4.00000	99.30000	0.03986	99.150	0.0	0.0	0.0
1	PDISP	20.00000	4.00000	99.30000	0.03240	99.150	0.0	0.0	0.0
1	PDISP	21.00000	4.00000	99.30000	0.02589	99.150	0.0	0.0	0.0
1	PDISP	22.00000	4.00000	99.30000	0.02021	99.150	0.0	0.0	0.0
1	PDISP	23.00000	4.00000	99.30000	0.01525	99.150	0.0	0.0	0.0
1	PDISP	24.00000	4.00000	99.30000	0.01091	99.150	0.0	0.0	0.0
1	PDISP	25.00000	4.00000	99.30000	0.00713	99.150	0.0	0.0	0.0
1	PDISP	26.00000	4.00000	99.30000	0.00382	99.150	0.0	0.0	0.0
1	PDISP	27.00000	4.00000	99.30000	0.00094	99.150	0.0	0.0	0.0
1	PDISP	28.00000	4.00000	99.30000	-0.00157	99.150	0.0	0.0	0.0
1	PDISP	29.00000	4.00000	99.30000	-0.00376	99.150	0.0	0.0	0.0
1	PDISP	30.00000	4.00000	99.30000	-0.00565	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	5.00000	99.30000	0.02091	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	5.00000	99.30000	0.02667	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	5.00000	99.30000	0.03327	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	5.00000	99.30000	0.04083	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	5.00000	99.30000	0.04950	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	5.00000	99.30000	0.05947	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	5.00000	99.30000	0.07095	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	5.00000	99.30000	0.08420	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	5.00000	99.30000	0.09954	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	5.00000	99.30000	0.11735	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	5.00000	99.30000	0.13811	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	5.00000	99.30000	0.16242	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	5.00000	99.30000	0.19103	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	5.00000	99.30000	0.22491	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	5.00000	99.30000	0.26528	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	5.00000	99.30000	0.31378	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	5.00000	99.30000	0.37254	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	5.00000	99.30000	0.44451	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	5.00000	99.30000	0.53375	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	5.00000	99.30000	0.64611	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	5.00000	99.30000	0.79045	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	5.00000	99.30000	0.98092	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

**12 Pilgrims Lane**  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-23.00000	5.00000	99.30000	1.24202	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	5.00000	99.30000	1.62001	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	5.00000	99.30000	2.21196	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	5.00000	99.30000	3.25546	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	5.00000	99.30000	5.57338	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	5.00000	99.30000	12.37925	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	5.00000	99.30000	7.00551	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	5.00000	99.30000	5.49121	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	5.00000	99.30000	5.21397	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	5.00000	99.30000	4.73462	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	5.00000	99.30000	4.51716	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	5.00000	99.30000	5.24068	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	5.00000	99.30000	8.07936	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	5.00000	99.30000	8.84683	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	5.00000	99.30000	8.83428	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	5.00000	99.30000	8.73347	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	5.00000	99.30000	8.67191	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	5.00000	99.30000	8.80332	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	5.00000	99.30000	10.40762	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	5.00000	99.30000	11.84176	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	5.00000	99.30000	4.79920	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	5.00000	99.30000	2.87293	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	5.00000	99.30000	1.95793	99.150	0.0	0.0	0.0
1	PDISP	0.00000	5.00000	99.30000	1.42848	99.150	0.0	0.0	0.0
1	PDISP	1.00000	5.00000	99.30000	1.08786	99.150	0.0	0.0	0.0
1	PDISP	2.00000	5.00000	99.30000	0.85314	99.150	0.0	0.0	0.0
1	PDISP	3.00000	5.00000	99.30000	0.68334	99.150	0.0	0.0	0.0
1	PDISP	4.00000	5.00000	99.30000	0.55599	99.150	0.0	0.0	0.0
1	PDISP	5.00000	5.00000	99.30000	0.45778	99.150	0.0	0.0	0.0
1	PDISP	6.00000	5.00000	99.30000	0.38038	99.150	0.0	0.0	0.0
1	PDISP	7.00000	5.00000	99.30000	0.31827	99.150	0.0	0.0	0.0
1	PDISP	8.00000	5.00000	99.30000	0.26771	99.150	0.0	0.0	0.0
1	PDISP	9.00000	5.00000	99.30000	0.22605	99.150	0.0	0.0	0.0
1	PDISP	10.00000	5.00000	99.30000	0.19137	99.150	0.0	0.0	0.0
1	PDISP	11.00000	5.00000	99.30000	0.16227	99.150	0.0	0.0	0.0
1	PDISP	12.00000	5.00000	99.30000	0.13767	99.150	0.0	0.0	0.0
1	PDISP	13.00000	5.00000	99.30000	0.11674	99.150	0.0	0.0	0.0
1	PDISP	14.00000	5.00000	99.30000	0.09884	99.150	0.0	0.0	0.0
1	PDISP	15.00000	5.00000	99.30000	0.08347	99.150	0.0	0.0	0.0
1	PDISP	16.00000	5.00000	99.30000	0.07022	99.150	0.0	0.0	0.0
1	PDISP	17.00000	5.00000	99.30000	0.05876	99.150	0.0	0.0	0.0
1	PDISP	18.00000	5.00000	99.30000	0.04883	99.150	0.0	0.0	0.0
1	PDISP	19.00000	5.00000	99.30000	0.04019	99.150	0.0	0.0	0.0
1	PDISP	20.00000	5.00000	99.30000	0.03267	99.150	0.0	0.0	0.0
1	PDISP	21.00000	5.00000	99.30000	0.02612	99.150	0.0	0.0	0.0
1	PDISP	22.00000	5.00000	99.30000	0.02040	99.150	0.0	0.0	0.0
1	PDISP	23.00000	5.00000	99.30000	0.01541	99.150	0.0	0.0	0.0
1	PDISP	24.00000	5.00000	99.30000	0.01105	99.150	0.0	0.0	0.0
1	PDISP	25.00000	5.00000	99.30000	0.00725	99.150	0.0	0.0	0.0
1	PDISP	26.00000	5.00000	99.30000	0.00392	99.150	0.0	0.0	0.0
1	PDISP	27.00000	5.00000	99.30000	0.00102	99.150	0.0	0.0	0.0
1	PDISP	28.00000	5.00000	99.30000	-0.00150	99.150	0.0	0.0	0.0
1	PDISP	29.00000	5.00000	99.30000	-0.00370	99.150	0.0	0.0	0.0
1	PDISP	30.00000	5.00000	99.30000	-0.00560	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	6.00000	99.30000	0.02108	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	6.00000	99.30000	0.02687	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	6.00000	99.30000	0.03351	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	6.00000	99.30000	0.04112	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	6.00000	99.30000	0.04985	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	6.00000	99.30000	0.05990	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	6.00000	99.30000	0.07147	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	6.00000	99.30000	0.08484	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	6.00000	99.30000	0.10033	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	6.00000	99.30000	0.11834	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	6.00000	99.30000	0.13936	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	6.00000	99.30000	0.16402	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	6.00000	99.30000	0.19309	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	6.00000	99.30000	0.22757	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	6.00000	99.30000	0.26877	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	6.00000	99.30000	0.31839	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	6.00000	99.30000	0.37869	99.150	0.0	0.0	0.0



# GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-28.00000	6.00000	99.30000	0.45275	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	6.00000	99.30000	0.54479	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	6.00000	99.30000	0.66078	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	6.00000	99.30000	0.80951	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	6.00000	99.30000	1.00464	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	6.00000	99.30000	1.26932	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	6.00000	99.30000	1.64714	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	6.00000	99.30000	2.23071	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	6.00000	99.30000	3.24733	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	6.00000	99.30000	5.41054	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	6.00000	99.30000	11.72977	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	6.00000	99.30000	11.62189	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	6.00000	99.30000	11.54245	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	6.00000	99.30000	11.95019	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	6.00000	99.30000	7.26733	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	6.00000	99.30000	5.58538	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	6.00000	99.30000	5.67865	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	6.00000	99.30000	6.11229	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	6.00000	99.30000	6.39883	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	6.00000	99.30000	6.46444	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	6.00000	99.30000	6.43938	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	6.00000	99.30000	6.43043	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	6.00000	99.30000	6.66690	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	6.00000	99.30000	9.08006	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	6.00000	99.30000	11.95198	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	6.00000	99.30000	4.91516	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	6.00000	99.30000	2.92748	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	6.00000	99.30000	1.98335	99.150	0.0	0.0	0.0
1	PDISP	0.00000	6.00000	99.30000	1.44134	99.150	0.0	0.0	0.0
1	PDISP	1.00000	6.00000	99.30000	1.09494	99.150	0.0	0.0	0.0
1	PDISP	2.00000	6.00000	99.30000	0.85731	99.150	0.0	0.0	0.0
1	PDISP	3.00000	6.00000	99.30000	0.68594	99.150	0.0	0.0	0.0
1	PDISP	4.00000	6.00000	99.30000	0.55768	99.150	0.0	0.0	0.0
1	PDISP	5.00000	6.00000	99.30000	0.45894	99.150	0.0	0.0	0.0
1	PDISP	6.00000	6.00000	99.30000	0.38118	99.150	0.0	0.0	0.0
1	PDISP	7.00000	6.00000	99.30000	0.31885	99.150	0.0	0.0	0.0
1	PDISP	8.00000	6.00000	99.30000	0.26813	99.150	0.0	0.0	0.0
1	PDISP	9.00000	6.00000	99.30000	0.22637	99.150	0.0	0.0	0.0
1	PDISP	10.00000	6.00000	99.30000	0.19162	99.150	0.0	0.0	0.0
1	PDISP	11.00000	6.00000	99.30000	0.16246	99.150	0.0	0.0	0.0
1	PDISP	12.00000	6.00000	99.30000	0.13782	99.150	0.0	0.0	0.0
1	PDISP	13.00000	6.00000	99.30000	0.11686	99.150	0.0	0.0	0.0
1	PDISP	14.00000	6.00000	99.30000	0.09894	99.150	0.0	0.0	0.0
1	PDISP	15.00000	6.00000	99.30000	0.08355	99.150	0.0	0.0	0.0
1	PDISP	16.00000	6.00000	99.30000	0.07028	99.150	0.0	0.0	0.0
1	PDISP	17.00000	6.00000	99.30000	0.05881	99.150	0.0	0.0	0.0
1	PDISP	18.00000	6.00000	99.30000	0.04887	99.150	0.0	0.0	0.0
1	PDISP	19.00000	6.00000	99.30000	0.04023	99.150	0.0	0.0	0.0
1	PDISP	20.00000	6.00000	99.30000	0.03270	99.150	0.0	0.0	0.0
1	PDISP	21.00000	6.00000	99.30000	0.02614	99.150	0.0	0.0	0.0
1	PDISP	22.00000	6.00000	99.30000	0.02042	99.150	0.0	0.0	0.0
1	PDISP	23.00000	6.00000	99.30000	0.01543	99.150	0.0	0.0	0.0
1	PDISP	24.00000	6.00000	99.30000	0.01107	99.150	0.0	0.0	0.0
1	PDISP	25.00000	6.00000	99.30000	0.00726	99.150	0.0	0.0	0.0
1	PDISP	26.00000	6.00000	99.30000	0.00393	99.150	0.0	0.0	0.0
1	PDISP	27.00000	6.00000	99.30000	0.00103	99.150	0.0	0.0	0.0
1	PDISP	28.00000	6.00000	99.30000	-0.00149	99.150	0.0	0.0	0.0
1	PDISP	29.00000	6.00000	99.30000	-0.00369	99.150	0.0	0.0	0.0
1	PDISP	30.00000	6.00000	99.30000	-0.00560	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	7.00000	99.30000	0.02108	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	7.00000	99.30000	0.02687	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	7.00000	99.30000	0.03351	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	7.00000	99.30000	0.04113	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	7.00000	99.30000	0.04987	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	7.00000	99.30000	0.05993	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	7.00000	99.30000	0.07153	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	7.00000	99.30000	0.08492	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	7.00000	99.30000	0.10046	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	7.00000	99.30000	0.11853	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	7.00000	99.30000	0.13964	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	7.00000	99.30000	0.16443	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

**12 Pilgrims Lane**  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-33.00000	7.00000	99.30000	0.19370	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	7.00000	99.30000	0.22848	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	7.00000	99.30000	0.27013	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	7.00000	99.30000	0.32042	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	7.00000	99.30000	0.38175	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	7.00000	99.30000	0.45734	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	7.00000	99.30000	0.55167	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	7.00000	99.30000	0.67095	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	7.00000	99.30000	0.82405	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	7.00000	99.30000	1.02417	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	7.00000	99.30000	1.29286	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	7.00000	99.30000	1.67163	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	7.00000	99.30000	2.25866	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	7.00000	99.30000	3.43930	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	7.00000	99.30000	6.82435	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	7.00000	99.30000	3.33580	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	7.00000	99.30000	2.69151	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	7.00000	99.30000	4.07447	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	7.00000	99.30000	11.89672	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	7.00000	99.30000	13.09424	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	7.00000	99.30000	12.73082	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	7.00000	99.30000	12.72352	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	7.00000	99.30000	12.84384	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	7.00000	99.30000	12.94580	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	7.00000	99.30000	12.97721	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	7.00000	99.30000	12.95407	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	7.00000	99.30000	12.91521	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	7.00000	99.30000	12.93355	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	7.00000	99.30000	13.14112	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	7.00000	99.30000	11.29931	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	7.00000	99.30000	4.48861	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	7.00000	99.30000	2.73628	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	7.00000	99.30000	1.89105	99.150	0.0	0.0	0.0
1	PDISP	0.00000	7.00000	99.30000	1.39193	99.150	0.0	0.0	0.0
1	PDISP	1.00000	7.00000	99.30000	1.06605	99.150	0.0	0.0	0.0
1	PDISP	2.00000	7.00000	99.30000	0.83920	99.150	0.0	0.0	0.0
1	PDISP	3.00000	7.00000	99.30000	0.67396	99.150	0.0	0.0	0.0
1	PDISP	4.00000	7.00000	99.30000	0.54942	99.150	0.0	0.0	0.0
1	PDISP	5.00000	7.00000	99.30000	0.45303	99.150	0.0	0.0	0.0
1	PDISP	6.00000	7.00000	99.30000	0.37685	99.150	0.0	0.0	0.0
1	PDISP	7.00000	7.00000	99.30000	0.31559	99.150	0.0	0.0	0.0
1	PDISP	8.00000	7.00000	99.30000	0.26564	99.150	0.0	0.0	0.0
1	PDISP	9.00000	7.00000	99.30000	0.22443	99.150	0.0	0.0	0.0
1	PDISP	10.00000	7.00000	99.30000	0.19009	99.150	0.0	0.0	0.0
1	PDISP	11.00000	7.00000	99.30000	0.16124	99.150	0.0	0.0	0.0
1	PDISP	12.00000	7.00000	99.30000	0.13683	99.150	0.0	0.0	0.0
1	PDISP	13.00000	7.00000	99.30000	0.11606	99.150	0.0	0.0	0.0
1	PDISP	14.00000	7.00000	99.30000	0.09828	99.150	0.0	0.0	0.0
1	PDISP	15.00000	7.00000	99.30000	0.08301	99.150	0.0	0.0	0.0
1	PDISP	16.00000	7.00000	99.30000	0.06984	99.150	0.0	0.0	0.0
1	PDISP	17.00000	7.00000	99.30000	0.05844	99.150	0.0	0.0	0.0
1	PDISP	18.00000	7.00000	99.30000	0.04856	99.150	0.0	0.0	0.0
1	PDISP	19.00000	7.00000	99.30000	0.03997	99.150	0.0	0.0	0.0
1	PDISP	20.00000	7.00000	99.30000	0.03248	99.150	0.0	0.0	0.0
1	PDISP	21.00000	7.00000	99.30000	0.02596	99.150	0.0	0.0	0.0
1	PDISP	22.00000	7.00000	99.30000	0.02027	99.150	0.0	0.0	0.0
1	PDISP	23.00000	7.00000	99.30000	0.01530	99.150	0.0	0.0	0.0
1	PDISP	24.00000	7.00000	99.30000	0.01096	99.150	0.0	0.0	0.0
1	PDISP	25.00000	7.00000	99.30000	0.00716	99.150	0.0	0.0	0.0
1	PDISP	26.00000	7.00000	99.30000	0.00385	99.150	0.0	0.0	0.0
1	PDISP	27.00000	7.00000	99.30000	0.00096	99.150	0.0	0.0	0.0
1	PDISP	28.00000	7.00000	99.30000	-0.00155	99.150	0.0	0.0	0.0
1	PDISP	29.00000	7.00000	99.30000	-0.00374	99.150	0.0	0.0	0.0
1	PDISP	30.00000	7.00000	99.30000	-0.00564	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	8.00000	99.30000	0.02091	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	8.00000	99.30000	0.02668	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	8.00000	99.30000	0.03328	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	8.00000	99.30000	0.04086	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	8.00000	99.30000	0.04956	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	8.00000	99.30000	0.05957	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	8.00000	99.30000	0.07111	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-38.00000	8.00000	99.30000	0.08444	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	8.00000	99.30000	0.09990	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	8.00000	99.30000	0.11790	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	8.00000	99.30000	0.13893	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	8.00000	99.30000	0.16364	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	8.00000	99.30000	0.19284	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	8.00000	99.30000	0.22760	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	8.00000	99.30000	0.26930	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	8.00000	99.30000	0.31980	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	8.00000	99.30000	0.38164	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	8.00000	99.30000	0.45831	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	8.00000	99.30000	0.55476	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	8.00000	99.30000	0.67799	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	8.00000	99.30000	0.83811	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	8.00000	99.30000	1.04990	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	8.00000	99.30000	1.33676	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	8.00000	99.30000	1.74760	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	8.00000	99.30000	2.45823	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	8.00000	99.30000	4.92806	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	8.00000	99.30000	3.76769	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	8.00000	99.30000	-2.43776	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	8.00000	99.30000	-2.54994	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	8.00000	99.30000	-0.11640	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	8.00000	99.30000	8.07169	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	8.00000	99.30000	7.54288	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	8.00000	99.30000	7.46857	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	8.00000	99.30000	7.47603	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	8.00000	99.30000	7.51944	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	8.00000	99.30000	7.55346	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	8.00000	99.30000	7.55241	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	8.00000	99.30000	7.51003	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	8.00000	99.30000	7.42404	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	8.00000	99.30000	7.26644	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	8.00000	99.30000	6.86797	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	8.00000	99.30000	5.57209	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	8.00000	99.30000	3.47919	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	8.00000	99.30000	2.35488	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	8.00000	99.30000	1.70745	99.150	0.0	0.0	0.0
1	PDISP	0.00000	8.00000	99.30000	1.29174	99.150	0.0	0.0	0.0
1	PDISP	1.00000	8.00000	99.30000	1.00649	99.150	0.0	0.0	0.0
1	PDISP	2.00000	8.00000	99.30000	0.80146	99.150	0.0	0.0	0.0
1	PDISP	3.00000	8.00000	99.30000	0.64881	99.150	0.0	0.0	0.0
1	PDISP	4.00000	8.00000	99.30000	0.53198	99.150	0.0	0.0	0.0
1	PDISP	5.00000	8.00000	99.30000	0.44055	99.150	0.0	0.0	0.0
1	PDISP	6.00000	8.00000	99.30000	0.36767	99.150	0.0	0.0	0.0
1	PDISP	7.00000	8.00000	99.30000	0.30869	99.150	0.0	0.0	0.0
1	PDISP	8.00000	8.00000	99.30000	0.26036	99.150	0.0	0.0	0.0
1	PDISP	9.00000	8.00000	99.30000	0.22032	99.150	0.0	0.0	0.0
1	PDISP	10.00000	8.00000	99.30000	0.18685	99.150	0.0	0.0	0.0
1	PDISP	11.00000	8.00000	99.30000	0.15866	99.150	0.0	0.0	0.0
1	PDISP	12.00000	8.00000	99.30000	0.13476	99.150	0.0	0.0	0.0
1	PDISP	13.00000	8.00000	99.30000	0.11437	99.150	0.0	0.0	0.0
1	PDISP	14.00000	8.00000	99.30000	0.09691	99.150	0.0	0.0	0.0
1	PDISP	15.00000	8.00000	99.30000	0.08188	99.150	0.0	0.0	0.0
1	PDISP	16.00000	8.00000	99.30000	0.06890	99.150	0.0	0.0	0.0
1	PDISP	17.00000	8.00000	99.30000	0.05766	99.150	0.0	0.0	0.0
1	PDISP	18.00000	8.00000	99.30000	0.04791	99.150	0.0	0.0	0.0
1	PDISP	19.00000	8.00000	99.30000	0.03942	99.150	0.0	0.0	0.0
1	PDISP	20.00000	8.00000	99.30000	0.03202	99.150	0.0	0.0	0.0
1	PDISP	21.00000	8.00000	99.30000	0.02557	99.150	0.0	0.0	0.0
1	PDISP	22.00000	8.00000	99.30000	0.01994	99.150	0.0	0.0	0.0
1	PDISP	23.00000	8.00000	99.30000	0.01502	99.150	0.0	0.0	0.0
1	PDISP	24.00000	8.00000	99.30000	0.01072	99.150	0.0	0.0	0.0
1	PDISP	25.00000	8.00000	99.30000	0.00696	99.150	0.0	0.0	0.0
1	PDISP	26.00000	8.00000	99.30000	0.00368	99.150	0.0	0.0	0.0
1	PDISP	27.00000	8.00000	99.30000	0.00082	99.150	0.0	0.0	0.0
1	PDISP	28.00000	8.00000	99.30000	-0.00167	99.150	0.0	0.0	0.0
1	PDISP	29.00000	8.00000	99.30000	-0.00384	99.150	0.0	0.0	0.0
1	PDISP	30.00000	8.00000	99.30000	-0.00573	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	9.00000	99.30000	0.02057	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	9.00000	99.30000	0.02628	99.150	0.0	0.0	0.0



# GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-43.00000	9.00000	99.30000	0.03282	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	9.00000	99.30000	0.04031	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	9.00000	99.30000	0.04892	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	9.00000	99.30000	0.05881	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	9.00000	99.30000	0.07022	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	9.00000	99.30000	0.08340	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	9.00000	99.30000	0.09867	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	9.00000	99.30000	0.11644	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	9.00000	99.30000	0.13722	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	9.00000	99.30000	0.16163	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	9.00000	99.30000	0.19050	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	9.00000	99.30000	0.22489	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	9.00000	99.30000	0.26622	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	9.00000	99.30000	0.31642	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	9.00000	99.30000	0.37820	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	9.00000	99.30000	0.45542	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	9.00000	99.30000	0.55382	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	9.00000	99.30000	0.68218	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	9.00000	99.30000	0.85435	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	9.00000	99.30000	1.09252	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	9.00000	99.30000	1.43473	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	9.00000	99.30000	1.96312	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	9.00000	99.30000	2.69875	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	9.00000	99.30000	5.04258	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	9.00000	99.30000	-2.54628	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	9.00000	99.30000	-4.48561	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	9.00000	99.30000	-3.50652	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	9.00000	99.30000	1.74469	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	9.00000	99.30000	8.02260	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	9.00000	99.30000	4.93545	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	9.00000	99.30000	4.55571	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	9.00000	99.30000	4.52888	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	9.00000	99.30000	4.54158	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	9.00000	99.30000	4.54658	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	9.00000	99.30000	4.52623	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	9.00000	99.30000	4.47015	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	9.00000	99.30000	4.36510	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	9.00000	99.30000	4.17903	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	9.00000	99.30000	3.83825	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	9.00000	99.30000	3.25621	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	9.00000	99.30000	2.53746	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	9.00000	99.30000	1.92851	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	9.00000	99.30000	1.48331	99.150	0.0	0.0	0.0
1	PDISP	0.00000	9.00000	99.30000	1.16216	99.150	0.0	0.0	0.0
1	PDISP	1.00000	9.00000	99.30000	0.92631	99.150	0.0	0.0	0.0
1	PDISP	2.00000	9.00000	99.30000	0.74918	99.150	0.0	0.0	0.0
1	PDISP	3.00000	9.00000	99.30000	0.61327	99.150	0.0	0.0	0.0
1	PDISP	4.00000	9.00000	99.30000	0.50697	99.150	0.0	0.0	0.0
1	PDISP	5.00000	9.00000	99.30000	0.42244	99.150	0.0	0.0	0.0
1	PDISP	6.00000	9.00000	99.30000	0.35424	99.150	0.0	0.0	0.0
1	PDISP	7.00000	9.00000	99.30000	0.29854	99.150	0.0	0.0	0.0
1	PDISP	8.00000	9.00000	99.30000	0.25254	99.150	0.0	0.0	0.0
1	PDISP	9.00000	9.00000	99.30000	0.21422	99.150	0.0	0.0	0.0
1	PDISP	10.00000	9.00000	99.30000	0.18203	99.150	0.0	0.0	0.0
1	PDISP	11.00000	9.00000	99.30000	0.15481	99.150	0.0	0.0	0.0
1	PDISP	12.00000	9.00000	99.30000	0.13165	99.150	0.0	0.0	0.0
1	PDISP	13.00000	9.00000	99.30000	0.11184	99.150	0.0	0.0	0.0
1	PDISP	14.00000	9.00000	99.30000	0.09483	99.150	0.0	0.0	0.0
1	PDISP	15.00000	9.00000	99.30000	0.08017	99.150	0.0	0.0	0.0
1	PDISP	16.00000	9.00000	99.30000	0.06749	99.150	0.0	0.0	0.0
1	PDISP	17.00000	9.00000	99.30000	0.05648	99.150	0.0	0.0	0.0
1	PDISP	18.00000	9.00000	99.30000	0.04692	99.150	0.0	0.0	0.0
1	PDISP	19.00000	9.00000	99.30000	0.03859	99.150	0.0	0.0	0.0
1	PDISP	20.00000	9.00000	99.30000	0.03133	99.150	0.0	0.0	0.0
1	PDISP	21.00000	9.00000	99.30000	0.02499	99.150	0.0	0.0	0.0
1	PDISP	22.00000	9.00000	99.30000	0.01945	99.150	0.0	0.0	0.0
1	PDISP	23.00000	9.00000	99.30000	0.01460	99.150	0.0	0.0	0.0
1	PDISP	24.00000	9.00000	99.30000	0.01037	99.150	0.0	0.0	0.0
1	PDISP	25.00000	9.00000	99.30000	0.00666	99.150	0.0	0.0	0.0
1	PDISP	26.00000	9.00000	99.30000	0.00343	99.150	0.0	0.0	0.0
1	PDISP	27.00000	9.00000	99.30000	0.00060	99.150	0.0	0.0	0.0



# GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:			Vert. Strain
						Calc. Level	Vertical	Sum Princ.	
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	28.00000	9.00000	99.30000	-0.00186	99.150	0.0	0.0	0.0
1	PDISP	29.00000	9.00000	99.30000	-0.00400	99.150	0.0	0.0	0.0
1	PDISP	30.00000	9.00000	99.30000	-0.00586	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	10.00000	99.30000	0.02007	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	10.00000	99.30000	0.02569	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	10.00000	99.30000	0.03213	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	10.00000	99.30000	0.03950	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	10.00000	99.30000	0.04796	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	10.00000	99.30000	0.05768	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	10.00000	99.30000	0.06888	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	10.00000	99.30000	0.08180	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	10.00000	99.30000	0.09678	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	10.00000	99.30000	0.11420	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	10.00000	99.30000	0.13454	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	10.00000	99.30000	0.15844	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	10.00000	99.30000	0.18669	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	10.00000	99.30000	0.22036	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	10.00000	99.30000	0.26086	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	10.00000	99.30000	0.31018	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	10.00000	99.30000	0.37116	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	10.00000	99.30000	0.44805	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	10.00000	99.30000	0.54760	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	10.00000	99.30000	0.68124	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	10.00000	99.30000	0.87005	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	10.00000	99.30000	1.15575	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	10.00000	99.30000	1.62235	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	10.00000	99.30000	2.57985	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	10.00000	99.30000	5.70911	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	10.00000	99.30000	-0.15331	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	10.00000	99.30000	-4.55263	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	10.00000	99.30000	-4.80844	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	10.00000	99.30000	-1.94561	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	10.00000	99.30000	5.68884	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	10.00000	99.30000	3.55179	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	10.00000	99.30000	3.38130	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	10.00000	99.30000	3.24630	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	10.00000	99.30000	3.22328	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	10.00000	99.30000	3.22231	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	10.00000	99.30000	3.21361	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	10.00000	99.30000	3.18422	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	10.00000	99.30000	3.12495	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	10.00000	99.30000	3.02470	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	10.00000	99.30000	2.86608	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	10.00000	99.30000	2.62644	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	10.00000	99.30000	2.29827	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	10.00000	99.30000	1.92162	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	10.00000	99.30000	1.56416	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	10.00000	99.30000	1.26395	99.150	0.0	0.0	0.0
1	PDISP	0.00000	10.00000	99.30000	1.02461	99.150	0.0	0.0	0.0
1	PDISP	1.00000	10.00000	99.30000	0.83649	99.150	0.0	0.0	0.0
1	PDISP	2.00000	10.00000	99.30000	0.68836	99.150	0.0	0.0	0.0
1	PDISP	3.00000	10.00000	99.30000	0.57076	99.150	0.0	0.0	0.0
1	PDISP	4.00000	10.00000	99.30000	0.47644	99.150	0.0	0.0	0.0
1	PDISP	5.00000	10.00000	99.30000	0.39999	99.150	0.0	0.0	0.0
1	PDISP	6.00000	10.00000	99.30000	0.33739	99.150	0.0	0.0	0.0
1	PDISP	7.00000	10.00000	99.30000	0.28567	99.150	0.0	0.0	0.0
1	PDISP	8.00000	10.00000	99.30000	0.24257	99.150	0.0	0.0	0.0
1	PDISP	9.00000	10.00000	99.30000	0.20639	99.150	0.0	0.0	0.0
1	PDISP	10.00000	10.00000	99.30000	0.17581	99.150	0.0	0.0	0.0
1	PDISP	11.00000	10.00000	99.30000	0.14981	99.150	0.0	0.0	0.0
1	PDISP	12.00000	10.00000	99.30000	0.12761	99.150	0.0	0.0	0.0
1	PDISP	13.00000	10.00000	99.30000	0.10855	99.150	0.0	0.0	0.0
1	PDISP	14.00000	10.00000	99.30000	0.09213	99.150	0.0	0.0	0.0
1	PDISP	15.00000	10.00000	99.30000	0.07793	99.150	0.0	0.0	0.0
1	PDISP	16.00000	10.00000	99.30000	0.06563	99.150	0.0	0.0	0.0
1	PDISP	17.00000	10.00000	99.30000	0.05494	99.150	0.0	0.0	0.0
1	PDISP	18.00000	10.00000	99.30000	0.04563	99.150	0.0	0.0	0.0
1	PDISP	19.00000	10.00000	99.30000	0.03751	99.150	0.0	0.0	0.0
1	PDISP	20.00000	10.00000	99.30000	0.03042	99.150	0.0	0.0	0.0
1	PDISP	21.00000	10.00000	99.30000	0.02422	99.150	0.0	0.0	0.0
1	PDISP	22.00000	10.00000	99.30000	0.01879	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

**12 Pilgrims Lane**  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	23.00000	10.00000	99.30000	0.01405	99.150	0.0	0.0	0.0
1	PDISP	24.00000	10.00000	99.30000	0.00990	99.150	0.0	0.0	0.0
1	PDISP	25.00000	10.00000	99.30000	0.00626	99.150	0.0	0.0	0.0
1	PDISP	26.00000	10.00000	99.30000	0.00309	99.150	0.0	0.0	0.0
1	PDISP	27.00000	10.00000	99.30000	0.00032	99.150	0.0	0.0	0.0
1	PDISP	28.00000	10.00000	99.30000	-0.00210	99.150	0.0	0.0	0.0
1	PDISP	29.00000	10.00000	99.30000	-0.00420	99.150	0.0	0.0	0.0
1	PDISP	30.00000	10.00000	99.30000	-0.00603	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	11.00000	99.30000	0.01941	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	11.00000	99.30000	0.02492	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	11.00000	99.30000	0.03122	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	11.00000	99.30000	0.03843	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	11.00000	99.30000	0.04669	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	11.00000	99.30000	0.05618	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	11.00000	99.30000	0.06710	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	11.00000	99.30000	0.07970	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	11.00000	99.30000	0.09427	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	11.00000	99.30000	0.11120	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	11.00000	99.30000	0.13095	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	11.00000	99.30000	0.15411	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	11.00000	99.30000	0.18148	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	11.00000	99.30000	0.21406	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	11.00000	99.30000	0.25326	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	11.00000	99.30000	0.30103	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	11.00000	99.30000	0.36025	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	11.00000	99.30000	0.43540	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	11.00000	99.30000	0.53395	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	11.00000	99.30000	0.66971	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	11.00000	99.30000	0.87204	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	11.00000	99.30000	1.21714	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	11.00000	99.30000	1.96524	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	11.00000	99.30000	4.23367	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	11.00000	99.30000	4.54369	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	11.00000	99.30000	-2.95689	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	11.00000	99.30000	-4.67444	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	11.00000	99.30000	-3.47830	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	11.00000	99.30000	3.93771	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	11.00000	99.30000	4.52146	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	11.00000	99.30000	2.69365	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	11.00000	99.30000	2.49939	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	11.00000	99.30000	2.45092	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	11.00000	99.30000	2.43777	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	11.00000	99.30000	2.43099	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	11.00000	99.30000	2.41588	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	11.00000	99.30000	2.38387	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	11.00000	99.30000	2.32829	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	11.00000	99.30000	2.24225	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	11.00000	99.30000	2.11800	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	11.00000	99.30000	1.94968	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	11.00000	99.30000	1.74043	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	11.00000	99.30000	1.50809	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	11.00000	99.30000	1.27841	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	11.00000	99.30000	1.07091	99.150	0.0	0.0	0.0
1	PDISP	0.00000	11.00000	99.30000	0.89345	99.150	0.0	0.0	0.0
1	PDISP	1.00000	11.00000	99.30000	0.74582	99.150	0.0	0.0	0.0
1	PDISP	2.00000	11.00000	99.30000	0.62434	99.150	0.0	0.0	0.0
1	PDISP	3.00000	11.00000	99.30000	0.52460	99.150	0.0	0.0	0.0
1	PDISP	4.00000	11.00000	99.30000	0.44249	99.150	0.0	0.0	0.0
1	PDISP	5.00000	11.00000	99.30000	0.37456	99.150	0.0	0.0	0.0
1	PDISP	6.00000	11.00000	99.30000	0.31803	99.150	0.0	0.0	0.0
1	PDISP	7.00000	11.00000	99.30000	0.27072	99.150	0.0	0.0	0.0
1	PDISP	8.00000	11.00000	99.30000	0.23087	99.150	0.0	0.0	0.0
1	PDISP	9.00000	11.00000	99.30000	0.19713	99.150	0.0	0.0	0.0
1	PDISP	10.00000	11.00000	99.30000	0.16840	99.150	0.0	0.0	0.0
1	PDISP	11.00000	11.00000	99.30000	0.14384	99.150	0.0	0.0	0.0
1	PDISP	12.00000	11.00000	99.30000	0.12275	99.150	0.0	0.0	0.0
1	PDISP	13.00000	11.00000	99.30000	0.10457	99.150	0.0	0.0	0.0
1	PDISP	14.00000	11.00000	99.30000	0.08885	99.150	0.0	0.0	0.0
1	PDISP	15.00000	11.00000	99.30000	0.07522	99.150	0.0	0.0	0.0
1	PDISP	16.00000	11.00000	99.30000	0.06337	99.150	0.0	0.0	0.0
1	PDISP	17.00000	11.00000	99.30000	0.05305	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	18.00000	11.00000	99.30000	0.04405	99.150	0.0	0.0	0.0
1	PDISP	19.00000	11.00000	99.30000	0.03618	99.150	0.0	0.0	0.0
1	PDISP	20.00000	11.00000	99.30000	0.02929	99.150	0.0	0.0	0.0
1	PDISP	21.00000	11.00000	99.30000	0.02327	99.150	0.0	0.0	0.0
1	PDISP	22.00000	11.00000	99.30000	0.01799	99.150	0.0	0.0	0.0
1	PDISP	23.00000	11.00000	99.30000	0.01337	99.150	0.0	0.0	0.0
1	PDISP	24.00000	11.00000	99.30000	0.00932	99.150	0.0	0.0	0.0
1	PDISP	25.00000	11.00000	99.30000	0.00578	99.150	0.0	0.0	0.0
1	PDISP	26.00000	11.00000	99.30000	0.00267	99.150	0.0	0.0	0.0
1	PDISP	27.00000	11.00000	99.30000	-0.00004	99.150	0.0	0.0	0.0
1	PDISP	28.00000	11.00000	99.30000	-0.00240	99.150	0.0	0.0	0.0
1	PDISP	29.00000	11.00000	99.30000	-0.00446	99.150	0.0	0.0	0.0
1	PDISP	30.00000	11.00000	99.30000	-0.00625	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	12.00000	99.30000	0.01861	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	12.00000	99.30000	0.02398	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	12.00000	99.30000	0.03011	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	12.00000	99.30000	0.03712	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	12.00000	99.30000	0.04514	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	12.00000	99.30000	0.05435	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	12.00000	99.30000	0.06493	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	12.00000	99.30000	0.07711	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	12.00000	99.30000	0.09118	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	12.00000	99.30000	0.10750	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	12.00000	99.30000	0.12649	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	12.00000	99.30000	0.14874	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	12.00000	99.30000	0.17496	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	12.00000	99.30000	0.20611	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	12.00000	99.30000	0.24351	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	12.00000	99.30000	0.28901	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	12.00000	99.30000	0.34538	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	12.00000	99.30000	0.41693	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	12.00000	99.30000	0.51101	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	12.00000	99.30000	0.64155	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	12.00000	99.30000	0.83918	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	12.00000	99.30000	1.18981	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	12.00000	99.30000	2.09097	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	12.00000	99.30000	5.74189	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	12.00000	99.30000	5.40545	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	12.00000	99.30000	-1.09023	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	12.00000	99.30000	-2.91832	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	12.00000	99.30000	1.63695	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	12.00000	99.30000	5.08403	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	12.00000	99.30000	2.30548	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	12.00000	99.30000	2.06348	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	12.00000	99.30000	1.95883	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	12.00000	99.30000	1.92420	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	12.00000	99.30000	1.91111	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	12.00000	99.30000	1.90033	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	12.00000	99.30000	1.88230	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	12.00000	99.30000	1.85103	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	12.00000	99.30000	1.80200	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	12.00000	99.30000	1.73126	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	12.00000	99.30000	1.63566	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	12.00000	99.30000	1.51429	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	12.00000	99.30000	1.37078	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	12.00000	99.30000	1.21422	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	12.00000	99.30000	1.05661	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	12.00000	99.30000	0.90828	99.150	0.0	0.0	0.0
1	PDISP	0.00000	12.00000	99.30000	0.77533	99.150	0.0	0.0	0.0
1	PDISP	1.00000	12.00000	99.30000	0.65978	99.150	0.0	0.0	0.0
1	PDISP	2.00000	12.00000	99.30000	0.56109	99.150	0.0	0.0	0.0
1	PDISP	3.00000	12.00000	99.30000	0.47753	99.150	0.0	0.0	0.0
1	PDISP	4.00000	12.00000	99.30000	0.40699	99.150	0.0	0.0	0.0
1	PDISP	5.00000	12.00000	99.30000	0.34744	99.150	0.0	0.0	0.0
1	PDISP	6.00000	12.00000	99.30000	0.29706	99.150	0.0	0.0	0.0
1	PDISP	7.00000	12.00000	99.30000	0.25430	99.150	0.0	0.0	0.0
1	PDISP	8.00000	12.00000	99.30000	0.21789	99.150	0.0	0.0	0.0
1	PDISP	9.00000	12.00000	99.30000	0.18676	99.150	0.0	0.0	0.0
1	PDISP	10.00000	12.00000	99.30000	0.16006	99.150	0.0	0.0	0.0
1	PDISP	11.00000	12.00000	99.30000	0.13707	99.150	0.0	0.0	0.0
1	PDISP	12.00000	12.00000	99.30000	0.11721	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	13.00000	12.00000	99.30000	0.10002	99.150	0.0	0.0	0.0
1	PDISP	14.00000	12.00000	99.30000	0.08509	99.150	0.0	0.0	0.0
1	PDISP	15.00000	12.00000	99.30000	0.07210	99.150	0.0	0.0	0.0
1	PDISP	16.00000	12.00000	99.30000	0.06077	99.150	0.0	0.0	0.0
1	PDISP	17.00000	12.00000	99.30000	0.05087	99.150	0.0	0.0	0.0
1	PDISP	18.00000	12.00000	99.30000	0.04221	99.150	0.0	0.0	0.0
1	PDISP	19.00000	12.00000	99.30000	0.03463	99.150	0.0	0.0	0.0
1	PDISP	20.00000	12.00000	99.30000	0.02799	99.150	0.0	0.0	0.0
1	PDISP	21.00000	12.00000	99.30000	0.02216	99.150	0.0	0.0	0.0
1	PDISP	22.00000	12.00000	99.30000	0.01705	99.150	0.0	0.0	0.0
1	PDISP	23.00000	12.00000	99.30000	0.01257	99.150	0.0	0.0	0.0
1	PDISP	24.00000	12.00000	99.30000	0.00864	99.150	0.0	0.0	0.0
1	PDISP	25.00000	12.00000	99.30000	0.00520	99.150	0.0	0.0	0.0
1	PDISP	26.00000	12.00000	99.30000	0.00219	99.150	0.0	0.0	0.0
1	PDISP	27.00000	12.00000	99.30000	-0.00045	99.150	0.0	0.0	0.0
1	PDISP	28.00000	12.00000	99.30000	-0.00275	99.150	0.0	0.0	0.0
1	PDISP	29.00000	12.00000	99.30000	-0.00476	99.150	0.0	0.0	0.0
1	PDISP	30.00000	12.00000	99.30000	-0.00650	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	13.00000	99.30000	0.01767	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	13.00000	99.30000	0.02287	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	13.00000	99.30000	0.02881	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	13.00000	99.30000	0.03559	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	13.00000	99.30000	0.04334	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	13.00000	99.30000	0.05221	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	13.00000	99.30000	0.06239	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	13.00000	99.30000	0.07409	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	13.00000	99.30000	0.08757	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	13.00000	99.30000	0.10317	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	13.00000	99.30000	0.12128	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	13.00000	99.30000	0.14243	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	13.00000	99.30000	0.16727	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	13.00000	99.30000	0.19668	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	13.00000	99.30000	0.23184	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	13.00000	99.30000	0.27441	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	13.00000	99.30000	0.32685	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	13.00000	99.30000	0.39292	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	13.00000	99.30000	0.47887	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	13.00000	99.30000	0.59592	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	13.00000	99.30000	0.76638	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	13.00000	99.30000	1.03923	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	13.00000	99.30000	1.52060	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	13.00000	99.30000	2.34668	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	13.00000	99.30000	4.22437	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	13.00000	99.30000	5.61795	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	13.00000	99.30000	2.95257	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	13.00000	99.30000	5.70147	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	13.00000	99.30000	2.79405	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	13.00000	99.30000	1.92466	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	13.00000	99.30000	1.67317	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	13.00000	99.30000	1.58608	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	13.00000	99.30000	1.55215	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	13.00000	99.30000	1.53580	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	13.00000	99.30000	1.52189	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	13.00000	99.30000	1.50274	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	13.00000	99.30000	1.47374	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	13.00000	99.30000	1.43172	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	13.00000	99.30000	1.37440	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	13.00000	99.30000	1.30057	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	13.00000	99.30000	1.21064	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	13.00000	99.30000	1.10737	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	13.00000	99.30000	0.99586	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	13.00000	99.30000	0.88249	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	13.00000	99.30000	0.77314	99.150	0.0	0.0	0.0
1	PDISP	0.00000	13.00000	99.30000	0.67195	99.150	0.0	0.0	0.0
1	PDISP	1.00000	13.00000	99.30000	0.58109	99.150	0.0	0.0	0.0
1	PDISP	2.00000	13.00000	99.30000	0.50109	99.150	0.0	0.0	0.0
1	PDISP	3.00000	13.00000	99.30000	0.43152	99.150	0.0	0.0	0.0
1	PDISP	4.00000	13.00000	99.30000	0.37144	99.150	0.0	0.0	0.0
1	PDISP	5.00000	13.00000	99.30000	0.31973	99.150	0.0	0.0	0.0
1	PDISP	6.00000	13.00000	99.30000	0.27527	99.150	0.0	0.0	0.0
1	PDISP	7.00000	13.00000	99.30000	0.23702	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	8.00000	13.00000	99.30000	0.20406	99.150	0.0	0.0	0.0
1	PDISP	9.00000	13.00000	99.30000	0.17562	99.150	0.0	0.0	0.0
1	PDISP	10.00000	13.00000	99.30000	0.15101	99.150	0.0	0.0	0.0
1	PDISP	11.00000	13.00000	99.30000	0.12967	99.150	0.0	0.0	0.0
1	PDISP	12.00000	13.00000	99.30000	0.11114	99.150	0.0	0.0	0.0
1	PDISP	13.00000	13.00000	99.30000	0.09500	99.150	0.0	0.0	0.0
1	PDISP	14.00000	13.00000	99.30000	0.08092	99.150	0.0	0.0	0.0
1	PDISP	15.00000	13.00000	99.30000	0.06862	99.150	0.0	0.0	0.0
1	PDISP	16.00000	13.00000	99.30000	0.05785	99.150	0.0	0.0	0.0
1	PDISP	17.00000	13.00000	99.30000	0.04842	99.150	0.0	0.0	0.0
1	PDISP	18.00000	13.00000	99.30000	0.04015	99.150	0.0	0.0	0.0
1	PDISP	19.00000	13.00000	99.30000	0.03289	99.150	0.0	0.0	0.0
1	PDISP	20.00000	13.00000	99.30000	0.02652	99.150	0.0	0.0	0.0
1	PDISP	21.00000	13.00000	99.30000	0.02092	99.150	0.0	0.0	0.0
1	PDISP	22.00000	13.00000	99.30000	0.01599	99.150	0.0	0.0	0.0
1	PDISP	23.00000	13.00000	99.30000	0.01167	99.150	0.0	0.0	0.0
1	PDISP	24.00000	13.00000	99.30000	0.00788	99.150	0.0	0.0	0.0
1	PDISP	25.00000	13.00000	99.30000	0.00455	99.150	0.0	0.0	0.0
1	PDISP	26.00000	13.00000	99.30000	0.00163	99.150	0.0	0.0	0.0
1	PDISP	27.00000	13.00000	99.30000	-0.00092	99.150	0.0	0.0	0.0
1	PDISP	28.00000	13.00000	99.30000	-0.00315	99.150	0.0	0.0	0.0
1	PDISP	29.00000	13.00000	99.30000	-0.00510	99.150	0.0	0.0	0.0
1	PDISP	30.00000	13.00000	99.30000	-0.00679	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	14.00000	99.30000	0.01661	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	14.00000	99.30000	0.02163	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	14.00000	99.30000	0.02734	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	14.00000	99.30000	0.03386	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	14.00000	99.30000	0.04130	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	14.00000	99.30000	0.04980	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	14.00000	99.30000	0.05953	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	14.00000	99.30000	0.07068	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	14.00000	99.30000	0.08351	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	14.00000	99.30000	0.09830	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	14.00000	99.30000	0.11542	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	14.00000	99.30000	0.13533	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	14.00000	99.30000	0.15861	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	14.00000	99.30000	0.18602	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	14.00000	99.30000	0.21859	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	14.00000	99.30000	0.25772	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	14.00000	99.30000	0.30541	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	14.00000	99.30000	0.36463	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	14.00000	99.30000	0.44000	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	14.00000	99.30000	0.53897	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	14.00000	99.30000	0.67393	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	14.00000	99.30000	0.86452	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	14.00000	99.30000	1.13551	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	14.00000	99.30000	1.50571	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	14.00000	99.30000	2.02467	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	14.00000	99.30000	3.03617	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	14.00000	99.30000	6.00739	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	14.00000	99.30000	3.48882	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	14.00000	99.30000	2.01117	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	14.00000	99.30000	1.55719	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	14.00000	99.30000	1.38110	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	14.00000	99.30000	1.30759	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	14.00000	99.30000	1.27443	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	14.00000	99.30000	1.25601	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	14.00000	99.30000	1.24042	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	14.00000	99.30000	1.22139	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	14.00000	99.30000	1.19526	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	14.00000	99.30000	1.15970	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	14.00000	99.30000	1.11335	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	14.00000	99.30000	1.05573	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	14.00000	99.30000	0.98749	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	14.00000	99.30000	0.91057	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	14.00000	99.30000	0.82805	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	14.00000	99.30000	0.74365	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	14.00000	99.30000	0.66091	99.150	0.0	0.0	0.0
1	PDISP	0.00000	14.00000	99.30000	0.58264	99.150	0.0	0.0	0.0
1	PDISP	1.00000	14.00000	99.30000	0.51059	99.150	0.0	0.0	0.0
1	PDISP	2.00000	14.00000	99.30000	0.44561	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	3.00000	14.00000	99.30000	0.38782	99.150	0.0	0.0	0.0
1	PDISP	4.00000	14.00000	99.30000	0.33689	99.150	0.0	0.0	0.0
1	PDISP	5.00000	14.00000	99.30000	0.29228	99.150	0.0	0.0	0.0
1	PDISP	6.00000	14.00000	99.30000	0.25333	99.150	0.0	0.0	0.0
1	PDISP	7.00000	14.00000	99.30000	0.21938	99.150	0.0	0.0	0.0
1	PDISP	8.00000	14.00000	99.30000	0.18979	99.150	0.0	0.0	0.0
1	PDISP	9.00000	14.00000	99.30000	0.16400	99.150	0.0	0.0	0.0
1	PDISP	10.00000	14.00000	99.30000	0.14150	99.150	0.0	0.0	0.0
1	PDISP	11.00000	14.00000	99.30000	0.12184	99.150	0.0	0.0	0.0
1	PDISP	12.00000	14.00000	99.30000	0.10466	99.150	0.0	0.0	0.0
1	PDISP	13.00000	14.00000	99.30000	0.08962	99.150	0.0	0.0	0.0
1	PDISP	14.00000	14.00000	99.30000	0.07643	99.150	0.0	0.0	0.0
1	PDISP	15.00000	14.00000	99.30000	0.06486	99.150	0.0	0.0	0.0
1	PDISP	16.00000	14.00000	99.30000	0.05470	99.150	0.0	0.0	0.0
1	PDISP	17.00000	14.00000	99.30000	0.04576	99.150	0.0	0.0	0.0
1	PDISP	18.00000	14.00000	99.30000	0.03790	99.150	0.0	0.0	0.0
1	PDISP	19.00000	14.00000	99.30000	0.03099	99.150	0.0	0.0	0.0
1	PDISP	20.00000	14.00000	99.30000	0.02490	99.150	0.0	0.0	0.0
1	PDISP	21.00000	14.00000	99.30000	0.01954	99.150	0.0	0.0	0.0
1	PDISP	22.00000	14.00000	99.30000	0.01483	99.150	0.0	0.0	0.0
1	PDISP	23.00000	14.00000	99.30000	0.01068	99.150	0.0	0.0	0.0
1	PDISP	24.00000	14.00000	99.30000	0.00703	99.150	0.0	0.0	0.0
1	PDISP	25.00000	14.00000	99.30000	0.00383	99.150	0.0	0.0	0.0
1	PDISP	26.00000	14.00000	99.30000	0.00102	99.150	0.0	0.0	0.0
1	PDISP	27.00000	14.00000	99.30000	-0.00144	99.150	0.0	0.0	0.0
1	PDISP	28.00000	14.00000	99.30000	-0.00359	99.150	0.0	0.0	0.0
1	PDISP	29.00000	14.00000	99.30000	-0.00547	99.150	0.0	0.0	0.0
1	PDISP	30.00000	14.00000	99.30000	-0.00711	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	15.00000	99.30000	0.01544	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	15.00000	99.30000	0.02025	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	15.00000	99.30000	0.02573	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	15.00000	99.30000	0.03196	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	15.00000	99.30000	0.03906	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	15.00000	99.30000	0.04715	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	15.00000	99.30000	0.05640	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	15.00000	99.30000	0.06697	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	15.00000	99.30000	0.07908	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	15.00000	99.30000	0.09300	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	15.00000	99.30000	0.10904	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	15.00000	99.30000	0.12760	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	15.00000	99.30000	0.14919	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	15.00000	99.30000	0.17444	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	15.00000	99.30000	0.20420	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	15.00000	99.30000	0.23956	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	15.00000	99.30000	0.28208	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	15.00000	99.30000	0.33386	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	15.00000	99.30000	0.39796	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	15.00000	99.30000	0.47869	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	15.00000	99.30000	0.58192	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	15.00000	99.30000	0.71468	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	15.00000	99.30000	0.88307	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	15.00000	99.30000	1.09076	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	15.00000	99.30000	1.34706	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	15.00000	99.30000	1.67545	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	15.00000	99.30000	1.97802	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	15.00000	99.30000	1.81604	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	15.00000	99.30000	1.45650	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	15.00000	99.30000	1.24719	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	15.00000	99.30000	1.14012	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	15.00000	99.30000	1.08623	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	15.00000	99.30000	1.05778	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	15.00000	99.30000	1.03983	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	15.00000	99.30000	1.02422	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	15.00000	99.30000	1.00627	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	15.00000	99.30000	0.98319	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	15.00000	99.30000	0.95328	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	15.00000	99.30000	0.91566	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	15.00000	99.30000	0.87015	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	15.00000	99.30000	0.81734	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	15.00000	99.30000	0.75854	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	15.00000	99.30000	0.69574	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-2.00000	15.00000	99.30000	0.63124	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	15.00000	99.30000	0.56730	99.150	0.0	0.0	0.0
1	PDISP	0.00000	15.00000	99.30000	0.50582	99.150	0.0	0.0	0.0
1	PDISP	1.00000	15.00000	99.30000	0.44817	99.150	0.0	0.0	0.0
1	PDISP	2.00000	15.00000	99.30000	0.39516	99.150	0.0	0.0	0.0
1	PDISP	3.00000	15.00000	99.30000	0.34712	99.150	0.0	0.0	0.0
1	PDISP	4.00000	15.00000	99.30000	0.30404	99.150	0.0	0.0	0.0
1	PDISP	5.00000	15.00000	99.30000	0.26571	99.150	0.0	0.0	0.0
1	PDISP	6.00000	15.00000	99.30000	0.23176	99.150	0.0	0.0	0.0
1	PDISP	7.00000	15.00000	99.30000	0.20180	99.150	0.0	0.0	0.0
1	PDISP	8.00000	15.00000	99.30000	0.17540	99.150	0.0	0.0	0.0
1	PDISP	9.00000	15.00000	99.30000	0.15217	99.150	0.0	0.0	0.0
1	PDISP	10.00000	15.00000	99.30000	0.13173	99.150	0.0	0.0	0.0
1	PDISP	11.00000	15.00000	99.30000	0.11374	99.150	0.0	0.0	0.0
1	PDISP	12.00000	15.00000	99.30000	0.09792	99.150	0.0	0.0	0.0
1	PDISP	13.00000	15.00000	99.30000	0.08398	99.150	0.0	0.0	0.0
1	PDISP	14.00000	15.00000	99.30000	0.07170	99.150	0.0	0.0	0.0
1	PDISP	15.00000	15.00000	99.30000	0.06088	99.150	0.0	0.0	0.0
1	PDISP	16.00000	15.00000	99.30000	0.05134	99.150	0.0	0.0	0.0
1	PDISP	17.00000	15.00000	99.30000	0.04293	99.150	0.0	0.0	0.0
1	PDISP	18.00000	15.00000	99.30000	0.03550	99.150	0.0	0.0	0.0
1	PDISP	19.00000	15.00000	99.30000	0.02895	99.150	0.0	0.0	0.0
1	PDISP	20.00000	15.00000	99.30000	0.02317	99.150	0.0	0.0	0.0
1	PDISP	21.00000	15.00000	99.30000	0.01807	99.150	0.0	0.0	0.0
1	PDISP	22.00000	15.00000	99.30000	0.01357	99.150	0.0	0.0	0.0
1	PDISP	23.00000	15.00000	99.30000	0.00961	99.150	0.0	0.0	0.0
1	PDISP	24.00000	15.00000	99.30000	0.00612	99.150	0.0	0.0	0.0
1	PDISP	25.00000	15.00000	99.30000	0.00305	99.150	0.0	0.0	0.0
1	PDISP	26.00000	15.00000	99.30000	0.00036	99.150	0.0	0.0	0.0
1	PDISP	27.00000	15.00000	99.30000	-0.00201	99.150	0.0	0.0	0.0
1	PDISP	28.00000	15.00000	99.30000	-0.00407	99.150	0.0	0.0	0.0
1	PDISP	29.00000	15.00000	99.30000	-0.00588	99.150	0.0	0.0	0.0
1	PDISP	30.00000	15.00000	99.30000	-0.00745	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	16.00000	99.30000	0.01418	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	16.00000	99.30000	0.01877	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	16.00000	99.30000	0.02399	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	16.00000	99.30000	0.02992	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	16.00000	99.30000	0.03666	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	16.00000	99.30000	0.04432	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	16.00000	99.30000	0.05305	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	16.00000	99.30000	0.06299	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	16.00000	99.30000	0.07435	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	16.00000	99.30000	0.08735	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	16.00000	99.30000	0.10226	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	16.00000	99.30000	0.11942	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	16.00000	99.30000	0.13925	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	16.00000	99.30000	0.16226	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	16.00000	99.30000	0.18911	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	16.00000	99.30000	0.22063	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	16.00000	99.30000	0.25793	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	16.00000	99.30000	0.30240	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	16.00000	99.30000	0.35589	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	16.00000	99.30000	0.42062	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	16.00000	99.30000	0.49910	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	16.00000	99.30000	0.59350	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	16.00000	99.30000	0.70467	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	16.00000	99.30000	0.83142	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	16.00000	99.30000	0.96985	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	16.00000	99.30000	1.10595	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	16.00000	99.30000	1.19223	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	16.00000	99.30000	1.17076	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	16.00000	99.30000	1.08075	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	16.00000	99.30000	0.99674	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	16.00000	99.30000	0.94001	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	16.00000	99.30000	0.90534	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	16.00000	99.30000	0.88376	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	16.00000	99.30000	0.86819	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	16.00000	99.30000	0.85387	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	16.00000	99.30000	0.83767	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	16.00000	99.30000	0.81764	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	16.00000	99.30000	0.79258	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-7.00000	16.00000	99.30000	0.76190	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	16.00000	99.30000	0.72555	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	16.00000	99.30000	0.68399	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	16.00000	99.30000	0.63814	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	16.00000	99.30000	0.58931	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	16.00000	99.30000	0.53900	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	16.00000	99.30000	0.48871	99.150	0.0	0.0	0.0
1	PDISP	0.00000	16.00000	99.30000	0.43977	99.150	0.0	0.0	0.0
1	PDISP	1.00000	16.00000	99.30000	0.39322	99.150	0.0	0.0	0.0
1	PDISP	2.00000	16.00000	99.30000	0.34974	99.150	0.0	0.0	0.0
1	PDISP	3.00000	16.00000	99.30000	0.30971	99.150	0.0	0.0	0.0
1	PDISP	4.00000	16.00000	99.30000	0.27329	99.150	0.0	0.0	0.0
1	PDISP	5.00000	16.00000	99.30000	0.24041	99.150	0.0	0.0	0.0
1	PDISP	6.00000	16.00000	99.30000	0.21093	99.150	0.0	0.0	0.0
1	PDISP	7.00000	16.00000	99.30000	0.18460	99.150	0.0	0.0	0.0
1	PDISP	8.00000	16.00000	99.30000	0.16116	99.150	0.0	0.0	0.0
1	PDISP	9.00000	16.00000	99.30000	0.14035	99.150	0.0	0.0	0.0
1	PDISP	10.00000	16.00000	99.30000	0.12188	99.150	0.0	0.0	0.0
1	PDISP	11.00000	16.00000	99.30000	0.10552	99.150	0.0	0.0	0.0
1	PDISP	12.00000	16.00000	99.30000	0.09102	99.150	0.0	0.0	0.0
1	PDISP	13.00000	16.00000	99.30000	0.07819	99.150	0.0	0.0	0.0
1	PDISP	14.00000	16.00000	99.30000	0.06682	99.150	0.0	0.0	0.0
1	PDISP	15.00000	16.00000	99.30000	0.05676	99.150	0.0	0.0	0.0
1	PDISP	16.00000	16.00000	99.30000	0.04785	99.150	0.0	0.0	0.0
1	PDISP	17.00000	16.00000	99.30000	0.03997	99.150	0.0	0.0	0.0
1	PDISP	18.00000	16.00000	99.30000	0.03299	99.150	0.0	0.0	0.0
1	PDISP	19.00000	16.00000	99.30000	0.02681	99.150	0.0	0.0	0.0
1	PDISP	20.00000	16.00000	99.30000	0.02134	99.150	0.0	0.0	0.0
1	PDISP	21.00000	16.00000	99.30000	0.01651	99.150	0.0	0.0	0.0
1	PDISP	22.00000	16.00000	99.30000	0.01224	99.150	0.0	0.0	0.0
1	PDISP	23.00000	16.00000	99.30000	0.00848	99.150	0.0	0.0	0.0
1	PDISP	24.00000	16.00000	99.30000	0.00515	99.150	0.0	0.0	0.0
1	PDISP	25.00000	16.00000	99.30000	0.00222	99.150	0.0	0.0	0.0
1	PDISP	26.00000	16.00000	99.30000	-0.00035	99.150	0.0	0.0	0.0
1	PDISP	27.00000	16.00000	99.30000	-0.00261	99.150	0.0	0.0	0.0
1	PDISP	28.00000	16.00000	99.30000	-0.00459	99.150	0.0	0.0	0.0
1	PDISP	29.00000	16.00000	99.30000	-0.00632	99.150	0.0	0.0	0.0
1	PDISP	30.00000	16.00000	99.30000	-0.00782	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	17.00000	99.30000	0.01284	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	17.00000	99.30000	0.01721	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	17.00000	99.30000	0.02215	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	17.00000	99.30000	0.02776	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	17.00000	99.30000	0.03412	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	17.00000	99.30000	0.04134	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	17.00000	99.30000	0.04953	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	17.00000	99.30000	0.05883	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	17.00000	99.30000	0.06941	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	17.00000	99.30000	0.08147	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	17.00000	99.30000	0.09523	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	17.00000	99.30000	0.11097	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	17.00000	99.30000	0.12902	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	17.00000	99.30000	0.14978	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	17.00000	99.30000	0.17376	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	17.00000	99.30000	0.20155	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	17.00000	99.30000	0.23388	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	17.00000	99.30000	0.27164	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	17.00000	99.30000	0.31581	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	17.00000	99.30000	0.36746	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	17.00000	99.30000	0.42744	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	17.00000	99.30000	0.49607	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	17.00000	99.30000	0.57255	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	17.00000	99.30000	0.65435	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	17.00000	99.30000	0.73617	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	17.00000	99.30000	0.80754	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	17.00000	99.30000	0.85197	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	17.00000	99.30000	0.85804	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	17.00000	99.30000	0.83519	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	17.00000	99.30000	0.80392	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	17.00000	99.30000	0.77682	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	17.00000	99.30000	0.75666	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	17.00000	99.30000	0.74174	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-12.00000	17.00000	99.30000	0.72933	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	17.00000	99.30000	0.71700	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	17.00000	99.30000	0.70291	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	17.00000	99.30000	0.68579	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	17.00000	99.30000	0.66485	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	17.00000	99.30000	0.63972	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	17.00000	99.30000	0.61040	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	17.00000	99.30000	0.57725	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	17.00000	99.30000	0.54092	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	17.00000	99.30000	0.50230	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	17.00000	99.30000	0.46241	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	17.00000	99.30000	0.42229	99.150	0.0	0.0	0.0
1	PDISP	0.00000	17.00000	99.30000	0.38288	99.150	0.0	0.0	0.0
1	PDISP	1.00000	17.00000	99.30000	0.34496	99.150	0.0	0.0	0.0
1	PDISP	2.00000	17.00000	99.30000	0.30909	99.150	0.0	0.0	0.0
1	PDISP	3.00000	17.00000	99.30000	0.27565	99.150	0.0	0.0	0.0
1	PDISP	4.00000	17.00000	99.30000	0.24481	99.150	0.0	0.0	0.0
1	PDISP	5.00000	17.00000	99.30000	0.21664	99.150	0.0	0.0	0.0
1	PDISP	6.00000	17.00000	99.30000	0.19109	99.150	0.0	0.0	0.0
1	PDISP	7.00000	17.00000	99.30000	0.16802	99.150	0.0	0.0	0.0
1	PDISP	8.00000	17.00000	99.30000	0.14730	99.150	0.0	0.0	0.0
1	PDISP	9.00000	17.00000	99.30000	0.12872	99.150	0.0	0.0	0.0
1	PDISP	10.00000	17.00000	99.30000	0.11212	99.150	0.0	0.0	0.0
1	PDISP	11.00000	17.00000	99.30000	0.09730	99.150	0.0	0.0	0.0
1	PDISP	12.00000	17.00000	99.30000	0.08409	99.150	0.0	0.0	0.0
1	PDISP	13.00000	17.00000	99.30000	0.07233	99.150	0.0	0.0	0.0
1	PDISP	14.00000	17.00000	99.30000	0.06186	99.150	0.0	0.0	0.0
1	PDISP	15.00000	17.00000	99.30000	0.05255	99.150	0.0	0.0	0.0
1	PDISP	16.00000	17.00000	99.30000	0.04427	99.150	0.0	0.0	0.0
1	PDISP	17.00000	17.00000	99.30000	0.03692	99.150	0.0	0.0	0.0
1	PDISP	18.00000	17.00000	99.30000	0.03039	99.150	0.0	0.0	0.0
1	PDISP	19.00000	17.00000	99.30000	0.02459	99.150	0.0	0.0	0.0
1	PDISP	20.00000	17.00000	99.30000	0.01945	99.150	0.0	0.0	0.0
1	PDISP	21.00000	17.00000	99.30000	0.01489	99.150	0.0	0.0	0.0
1	PDISP	22.00000	17.00000	99.30000	0.01086	99.150	0.0	0.0	0.0
1	PDISP	23.00000	17.00000	99.30000	0.00729	99.150	0.0	0.0	0.0
1	PDISP	24.00000	17.00000	99.30000	0.00414	99.150	0.0	0.0	0.0
1	PDISP	25.00000	17.00000	99.30000	0.00136	99.150	0.0	0.0	0.0
1	PDISP	26.00000	17.00000	99.30000	-0.00109	99.150	0.0	0.0	0.0
1	PDISP	27.00000	17.00000	99.30000	-0.00324	99.150	0.0	0.0	0.0
1	PDISP	28.00000	17.00000	99.30000	-0.00513	99.150	0.0	0.0	0.0
1	PDISP	29.00000	17.00000	99.30000	-0.00677	99.150	0.0	0.0	0.0
1	PDISP	30.00000	17.00000	99.30000	-0.00821	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	18.00000	99.30000	0.01144	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	18.00000	99.30000	0.01557	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	18.00000	99.30000	0.02024	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	18.00000	99.30000	0.02552	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	18.00000	99.30000	0.03149	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	18.00000	99.30000	0.03825	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	18.00000	99.30000	0.04589	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	18.00000	99.30000	0.05455	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	18.00000	99.30000	0.06435	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	18.00000	99.30000	0.07545	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	18.00000	99.30000	0.08806	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	18.00000	99.30000	0.10239	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	18.00000	99.30000	0.11870	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	18.00000	99.30000	0.13730	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	18.00000	99.30000	0.15854	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	18.00000	99.30000	0.18283	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	18.00000	99.30000	0.21063	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	18.00000	99.30000	0.24247	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	18.00000	99.30000	0.27881	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	18.00000	99.30000	0.32008	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	18.00000	99.30000	0.36639	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	18.00000	99.30000	0.41738	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	18.00000	99.30000	0.47189	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	18.00000	99.30000	0.52759	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	18.00000	99.30000	0.58062	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	18.00000	99.30000	0.62539	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	18.00000	99.30000	0.65567	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	18.00000	99.30000	0.66835	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-17.00000	18.00000	99.30000	0.66643	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	18.00000	99.30000	0.65681	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	18.00000	99.30000	0.64530	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	18.00000	99.30000	0.63456	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	18.00000	99.30000	0.62491	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	18.00000	99.30000	0.61555	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	18.00000	99.30000	0.60540	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	18.00000	99.30000	0.59348	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	18.00000	99.30000	0.57904	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	18.00000	99.30000	0.56159	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	18.00000	99.30000	0.54093	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	18.00000	99.30000	0.51710	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	18.00000	99.30000	0.49036	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	18.00000	99.30000	0.46120	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	18.00000	99.30000	0.43024	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	18.00000	99.30000	0.39819	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	18.00000	99.30000	0.36580	99.150	0.0	0.0	0.0
1	PDISP	0.00000	18.00000	99.30000	0.33374	99.150	0.0	0.0	0.0
1	PDISP	1.00000	18.00000	99.30000	0.30261	99.150	0.0	0.0	0.0
1	PDISP	2.00000	18.00000	99.30000	0.27285	99.150	0.0	0.0	0.0
1	PDISP	3.00000	18.00000	99.30000	0.24480	99.150	0.0	0.0	0.0
1	PDISP	4.00000	18.00000	99.30000	0.21866	99.150	0.0	0.0	0.0
1	PDISP	5.00000	18.00000	99.30000	0.19452	99.150	0.0	0.0	0.0
1	PDISP	6.00000	18.00000	99.30000	0.17239	99.150	0.0	0.0	0.0
1	PDISP	7.00000	18.00000	99.30000	0.15223	99.150	0.0	0.0	0.0
1	PDISP	8.00000	18.00000	99.30000	0.13395	99.150	0.0	0.0	0.0
1	PDISP	9.00000	18.00000	99.30000	0.11744	99.150	0.0	0.0	0.0
1	PDISP	10.00000	18.00000	99.30000	0.10257	99.150	0.0	0.0	0.0
1	PDISP	11.00000	18.00000	99.30000	0.08920	99.150	0.0	0.0	0.0
1	PDISP	12.00000	18.00000	99.30000	0.07722	99.150	0.0	0.0	0.0
1	PDISP	13.00000	18.00000	99.30000	0.06648	99.150	0.0	0.0	0.0
1	PDISP	14.00000	18.00000	99.30000	0.05688	99.150	0.0	0.0	0.0
1	PDISP	15.00000	18.00000	99.30000	0.04830	99.150	0.0	0.0	0.0
1	PDISP	16.00000	18.00000	99.30000	0.04065	99.150	0.0	0.0	0.0
1	PDISP	17.00000	18.00000	99.30000	0.03382	99.150	0.0	0.0	0.0
1	PDISP	18.00000	18.00000	99.30000	0.02773	99.150	0.0	0.0	0.0
1	PDISP	19.00000	18.00000	99.30000	0.02232	99.150	0.0	0.0	0.0
1	PDISP	20.00000	18.00000	99.30000	0.01750	99.150	0.0	0.0	0.0
1	PDISP	21.00000	18.00000	99.30000	0.01323	99.150	0.0	0.0	0.0
1	PDISP	22.00000	18.00000	99.30000	0.00943	99.150	0.0	0.0	0.0
1	PDISP	23.00000	18.00000	99.30000	0.00607	99.150	0.0	0.0	0.0
1	PDISP	24.00000	18.00000	99.30000	0.00309	99.150	0.0	0.0	0.0
1	PDISP	25.00000	18.00000	99.30000	0.00046	99.150	0.0	0.0	0.0
1	PDISP	26.00000	18.00000	99.30000	-0.00186	99.150	0.0	0.0	0.0
1	PDISP	27.00000	18.00000	99.30000	-0.00390	99.150	0.0	0.0	0.0
1	PDISP	28.00000	18.00000	99.30000	-0.00569	99.150	0.0	0.0	0.0
1	PDISP	29.00000	18.00000	99.30000	-0.00725	99.150	0.0	0.0	0.0
1	PDISP	30.00000	18.00000	99.30000	-0.00862	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	19.00000	99.30000	0.01000	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	19.00000	99.30000	0.01388	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	19.00000	99.30000	0.01827	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	19.00000	99.30000	0.02322	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	19.00000	99.30000	0.02880	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	19.00000	99.30000	0.03510	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	19.00000	99.30000	0.04219	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	19.00000	99.30000	0.05019	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	19.00000	99.30000	0.05922	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	19.00000	99.30000	0.06940	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	19.00000	99.30000	0.08088	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	19.00000	99.30000	0.09385	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	19.00000	99.30000	0.10849	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	19.00000	99.30000	0.12504	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	19.00000	99.30000	0.14373	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	19.00000	99.30000	0.16484	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	19.00000	99.30000	0.18864	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	19.00000	99.30000	0.21539	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	19.00000	99.30000	0.24530	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	19.00000	99.30000	0.27844	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	19.00000	99.30000	0.31463	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	19.00000	99.30000	0.35333	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	19.00000	99.30000	0.39346	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-22.00000	19.00000	99.30000	0.43330	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	19.00000	99.30000	0.47039	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	19.00000	99.30000	0.50181	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	19.00000	99.30000	0.52489	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	19.00000	99.30000	0.53847	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	19.00000	99.30000	0.54364	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	19.00000	99.30000	0.54305	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	19.00000	99.30000	0.53936	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	19.00000	99.30000	0.53425	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	19.00000	99.30000	0.52834	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	19.00000	99.30000	0.52152	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	19.00000	99.30000	0.51340	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	19.00000	99.30000	0.50351	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	19.00000	99.30000	0.49144	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	19.00000	99.30000	0.47695	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	19.00000	99.30000	0.45991	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	19.00000	99.30000	0.44041	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	19.00000	99.30000	0.41866	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	19.00000	99.30000	0.39500	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	19.00000	99.30000	0.36990	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	19.00000	99.30000	0.34388	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	19.00000	99.30000	0.31746	99.150	0.0	0.0	0.0
1	PDISP	0.00000	19.00000	99.30000	0.29116	99.150	0.0	0.0	0.0
1	PDISP	1.00000	19.00000	99.30000	0.26541	99.150	0.0	0.0	0.0
1	PDISP	2.00000	19.00000	99.30000	0.24060	99.150	0.0	0.0	0.0
1	PDISP	3.00000	19.00000	99.30000	0.21699	99.150	0.0	0.0	0.0
1	PDISP	4.00000	19.00000	99.30000	0.19478	99.150	0.0	0.0	0.0
1	PDISP	5.00000	19.00000	99.30000	0.17407	99.150	0.0	0.0	0.0
1	PDISP	6.00000	19.00000	99.30000	0.15492	99.150	0.0	0.0	0.0
1	PDISP	7.00000	19.00000	99.30000	0.13733	99.150	0.0	0.0	0.0
1	PDISP	8.00000	19.00000	99.30000	0.12124	99.150	0.0	0.0	0.0
1	PDISP	9.00000	19.00000	99.30000	0.10660	99.150	0.0	0.0	0.0
1	PDISP	10.00000	19.00000	99.30000	0.09331	99.150	0.0	0.0	0.0
1	PDISP	11.00000	19.00000	99.30000	0.08130	99.150	0.0	0.0	0.0
1	PDISP	12.00000	19.00000	99.30000	0.07047	99.150	0.0	0.0	0.0
1	PDISP	13.00000	19.00000	99.30000	0.06071	99.150	0.0	0.0	0.0
1	PDISP	14.00000	19.00000	99.30000	0.05194	99.150	0.0	0.0	0.0
1	PDISP	15.00000	19.00000	99.30000	0.04407	99.150	0.0	0.0	0.0
1	PDISP	16.00000	19.00000	99.30000	0.03702	99.150	0.0	0.0	0.0
1	PDISP	17.00000	19.00000	99.30000	0.03071	99.150	0.0	0.0	0.0
1	PDISP	18.00000	19.00000	99.30000	0.02506	99.150	0.0	0.0	0.0
1	PDISP	19.00000	19.00000	99.30000	0.02003	99.150	0.0	0.0	0.0
1	PDISP	20.00000	19.00000	99.30000	0.01553	99.150	0.0	0.0	0.0
1	PDISP	21.00000	19.00000	99.30000	0.01153	99.150	0.0	0.0	0.0
1	PDISP	22.00000	19.00000	99.30000	0.00797	99.150	0.0	0.0	0.0
1	PDISP	23.00000	19.00000	99.30000	0.00482	99.150	0.0	0.0	0.0
1	PDISP	24.00000	19.00000	99.30000	0.00202	99.150	0.0	0.0	0.0
1	PDISP	25.00000	19.00000	99.30000	-0.00046	99.150	0.0	0.0	0.0
1	PDISP	26.00000	19.00000	99.30000	-0.00265	99.150	0.0	0.0	0.0
1	PDISP	27.00000	19.00000	99.30000	-0.00457	99.150	0.0	0.0	0.0
1	PDISP	28.00000	19.00000	99.30000	-0.00626	99.150	0.0	0.0	0.0
1	PDISP	29.00000	19.00000	99.30000	-0.00774	99.150	0.0	0.0	0.0
1	PDISP	30.00000	19.00000	99.30000	-0.00903	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	20.00000	99.30000	0.00853	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	20.00000	99.30000	0.01217	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	20.00000	99.30000	0.01627	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	20.00000	99.30000	0.02088	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	20.00000	99.30000	0.02608	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	20.00000	99.30000	0.03191	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	20.00000	99.30000	0.03847	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	20.00000	99.30000	0.04584	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	20.00000	99.30000	0.05410	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	20.00000	99.30000	0.06338	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	20.00000	99.30000	0.07379	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	20.00000	99.30000	0.08546	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	20.00000	99.30000	0.09853	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	20.00000	99.30000	0.11318	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	20.00000	99.30000	0.12955	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	20.00000	99.30000	0.14783	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	20.00000	99.30000	0.16814	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	20.00000	99.30000	0.19062	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-27.00000	20.00000	99.30000	0.21530	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	20.00000	99.30000	0.24209	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	20.00000	99.30000	0.27074	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	20.00000	99.30000	0.30070	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	20.00000	99.30000	0.33113	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	20.00000	99.30000	0.36081	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	20.00000	99.30000	0.38824	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	20.00000	99.30000	0.41182	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	20.00000	99.30000	0.43023	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	20.00000	99.30000	0.44291	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	20.00000	99.30000	0.45025	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	20.00000	99.30000	0.45336	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	20.00000	99.30000	0.45349	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	20.00000	99.30000	0.45159	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	20.00000	99.30000	0.44815	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	20.00000	99.30000	0.44329	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	20.00000	99.30000	0.43690	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	20.00000	99.30000	0.42880	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	20.00000	99.30000	0.41879	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	20.00000	99.30000	0.40677	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	20.00000	99.30000	0.39269	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	20.00000	99.30000	0.37665	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	20.00000	99.30000	0.35881	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	20.00000	99.30000	0.33946	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	20.00000	99.30000	0.31893	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	20.00000	99.30000	0.29760	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	20.00000	99.30000	0.27587	99.150	0.0	0.0	0.0
1	PDISP	0.00000	20.00000	99.30000	0.25413	99.150	0.0	0.0	0.0
1	PDISP	1.00000	20.00000	99.30000	0.23271	99.150	0.0	0.0	0.0
1	PDISP	2.00000	20.00000	99.30000	0.21192	99.150	0.0	0.0	0.0
1	PDISP	3.00000	20.00000	99.30000	0.19198	99.150	0.0	0.0	0.0
1	PDISP	4.00000	20.00000	99.30000	0.17306	99.150	0.0	0.0	0.0
1	PDISP	5.00000	20.00000	99.30000	0.15529	99.150	0.0	0.0	0.0
1	PDISP	6.00000	20.00000	99.30000	0.13871	99.150	0.0	0.0	0.0
1	PDISP	7.00000	20.00000	99.30000	0.12336	99.150	0.0	0.0	0.0
1	PDISP	8.00000	20.00000	99.30000	0.10923	99.150	0.0	0.0	0.0
1	PDISP	9.00000	20.00000	99.30000	0.09627	99.150	0.0	0.0	0.0
1	PDISP	10.00000	20.00000	99.30000	0.08444	99.150	0.0	0.0	0.0
1	PDISP	11.00000	20.00000	99.30000	0.07367	99.150	0.0	0.0	0.0
1	PDISP	12.00000	20.00000	99.30000	0.06391	99.150	0.0	0.0	0.0
1	PDISP	13.00000	20.00000	99.30000	0.05507	99.150	0.0	0.0	0.0
1	PDISP	14.00000	20.00000	99.30000	0.04709	99.150	0.0	0.0	0.0
1	PDISP	15.00000	20.00000	99.30000	0.03990	99.150	0.0	0.0	0.0
1	PDISP	16.00000	20.00000	99.30000	0.03343	99.150	0.0	0.0	0.0
1	PDISP	17.00000	20.00000	99.30000	0.02761	99.150	0.0	0.0	0.0
1	PDISP	18.00000	20.00000	99.30000	0.02240	99.150	0.0	0.0	0.0
1	PDISP	19.00000	20.00000	99.30000	0.01773	99.150	0.0	0.0	0.0
1	PDISP	20.00000	20.00000	99.30000	0.01356	99.150	0.0	0.0	0.0
1	PDISP	21.00000	20.00000	99.30000	0.00983	99.150	0.0	0.0	0.0
1	PDISP	22.00000	20.00000	99.30000	0.00651	99.150	0.0	0.0	0.0
1	PDISP	23.00000	20.00000	99.30000	0.00356	99.150	0.0	0.0	0.0
1	PDISP	24.00000	20.00000	99.30000	0.00093	99.150	0.0	0.0	0.0
1	PDISP	25.00000	20.00000	99.30000	-0.00139	99.150	0.0	0.0	0.0
1	PDISP	26.00000	20.00000	99.30000	-0.00344	99.150	0.0	0.0	0.0
1	PDISP	27.00000	20.00000	99.30000	-0.00525	99.150	0.0	0.0	0.0
1	PDISP	28.00000	20.00000	99.30000	-0.00685	99.150	0.0	0.0	0.0
1	PDISP	29.00000	20.00000	99.30000	-0.00824	99.150	0.0	0.0	0.0
1	PDISP	30.00000	20.00000	99.30000	-0.00945	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	21.00000	99.30000	0.00704	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	21.00000	99.30000	0.01043	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	21.00000	99.30000	0.01425	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	21.00000	99.30000	0.01854	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	21.00000	99.30000	0.02335	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	21.00000	99.30000	0.02874	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	21.00000	99.30000	0.03477	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	21.00000	99.30000	0.04152	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	21.00000	99.30000	0.04905	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	21.00000	99.30000	0.05747	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	21.00000	99.30000	0.06686	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	21.00000	99.30000	0.07731	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	21.00000	99.30000	0.08894	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-32.00000	21.00000	99.30000	0.10186	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	21.00000	99.30000	0.11616	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	21.00000	99.30000	0.13194	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	21.00000	99.30000	0.14926	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	21.00000	99.30000	0.16817	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	21.00000	99.30000	0.18861	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	21.00000	99.30000	0.21045	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	21.00000	99.30000	0.23340	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	21.00000	99.30000	0.25702	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	21.00000	99.30000	0.28066	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	21.00000	99.30000	0.30351	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	21.00000	99.30000	0.32460	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	21.00000	99.30000	0.34302	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	21.00000	99.30000	0.35803	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	21.00000	99.30000	0.36929	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	21.00000	99.30000	0.37691	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	21.00000	99.30000	0.38137	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	21.00000	99.30000	0.38326	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	21.00000	99.30000	0.38311	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	21.00000	99.30000	0.38125	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	21.00000	99.30000	0.37782	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	21.00000	99.30000	0.37284	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	21.00000	99.30000	0.36625	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	21.00000	99.30000	0.35799	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	21.00000	99.30000	0.34802	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	21.00000	99.30000	0.33637	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	21.00000	99.30000	0.32311	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	21.00000	99.30000	0.30840	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	21.00000	99.30000	0.29246	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	21.00000	99.30000	0.27554	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	21.00000	99.30000	0.25793	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	21.00000	99.30000	0.23993	99.150	0.0	0.0	0.0
1	PDISP	0.00000	21.00000	99.30000	0.22184	99.150	0.0	0.0	0.0
1	PDISP	1.00000	21.00000	99.30000	0.20392	99.150	0.0	0.0	0.0
1	PDISP	2.00000	21.00000	99.30000	0.18642	99.150	0.0	0.0	0.0
1	PDISP	3.00000	21.00000	99.30000	0.16952	99.150	0.0	0.0	0.0
1	PDISP	4.00000	21.00000	99.30000	0.15338	99.150	0.0	0.0	0.0
1	PDISP	5.00000	21.00000	99.30000	0.13809	99.150	0.0	0.0	0.0
1	PDISP	6.00000	21.00000	99.30000	0.12374	99.150	0.0	0.0	0.0
1	PDISP	7.00000	21.00000	99.30000	0.11036	99.150	0.0	0.0	0.0
1	PDISP	8.00000	21.00000	99.30000	0.09795	99.150	0.0	0.0	0.0
1	PDISP	9.00000	21.00000	99.30000	0.08650	99.150	0.0	0.0	0.0
1	PDISP	10.00000	21.00000	99.30000	0.07599	99.150	0.0	0.0	0.0
1	PDISP	11.00000	21.00000	99.30000	0.06637	99.150	0.0	0.0	0.0
1	PDISP	12.00000	21.00000	99.30000	0.05759	99.150	0.0	0.0	0.0
1	PDISP	13.00000	21.00000	99.30000	0.04961	99.150	0.0	0.0	0.0
1	PDISP	14.00000	21.00000	99.30000	0.04237	99.150	0.0	0.0	0.0
1	PDISP	15.00000	21.00000	99.30000	0.03582	99.150	0.0	0.0	0.0
1	PDISP	16.00000	21.00000	99.30000	0.02990	99.150	0.0	0.0	0.0
1	PDISP	17.00000	21.00000	99.30000	0.02456	99.150	0.0	0.0	0.0
1	PDISP	18.00000	21.00000	99.30000	0.01977	99.150	0.0	0.0	0.0
1	PDISP	19.00000	21.00000	99.30000	0.01545	99.150	0.0	0.0	0.0
1	PDISP	20.00000	21.00000	99.30000	0.01159	99.150	0.0	0.0	0.0
1	PDISP	21.00000	21.00000	99.30000	0.00813	99.150	0.0	0.0	0.0
1	PDISP	22.00000	21.00000	99.30000	0.00505	99.150	0.0	0.0	0.0
1	PDISP	23.00000	21.00000	99.30000	0.00229	99.150	0.0	0.0	0.0
1	PDISP	24.00000	21.00000	99.30000	-0.00015	99.150	0.0	0.0	0.0
1	PDISP	25.00000	21.00000	99.30000	-0.00233	99.150	0.0	0.0	0.0
1	PDISP	26.00000	21.00000	99.30000	-0.00425	99.150	0.0	0.0	0.0
1	PDISP	27.00000	21.00000	99.30000	-0.00594	99.150	0.0	0.0	0.0
1	PDISP	28.00000	21.00000	99.30000	-0.00743	99.150	0.0	0.0	0.0
1	PDISP	29.00000	21.00000	99.30000	-0.00874	99.150	0.0	0.0	0.0
1	PDISP	30.00000	21.00000	99.30000	-0.00988	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	22.00000	99.30000	0.00555	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	22.00000	99.30000	0.00870	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	22.00000	99.30000	0.01225	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	22.00000	99.30000	0.01621	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	22.00000	99.30000	0.02065	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	22.00000	99.30000	0.02560	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	22.00000	99.30000	0.03112	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	22.00000	99.30000	0.03728	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-37.00000	22.00000	99.30000	0.04413	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	22.00000	99.30000	0.05173	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	22.00000	99.30000	0.06016	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	22.00000	99.30000	0.06950	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	22.00000	99.30000	0.07981	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	22.00000	99.30000	0.09116	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	22.00000	99.30000	0.10362	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	22.00000	99.30000	0.11723	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	22.00000	99.30000	0.13201	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	22.00000	99.30000	0.14795	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	22.00000	99.30000	0.16496	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	22.00000	99.30000	0.18289	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	22.00000	99.30000	0.20149	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	22.00000	99.30000	0.22041	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	22.00000	99.30000	0.23916	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	22.00000	99.30000	0.25718	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	22.00000	99.30000	0.27385	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	22.00000	99.30000	0.28861	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	22.00000	99.30000	0.30098	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	22.00000	99.30000	0.31075	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	22.00000	99.30000	0.31791	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	22.00000	99.30000	0.32265	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	22.00000	99.30000	0.32527	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	22.00000	99.30000	0.32603	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	22.00000	99.30000	0.32515	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	22.00000	99.30000	0.32275	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	22.00000	99.30000	0.31888	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	22.00000	99.30000	0.31354	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	22.00000	99.30000	0.30673	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	22.00000	99.30000	0.29847	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	22.00000	99.30000	0.28880	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	22.00000	99.30000	0.27780	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	22.00000	99.30000	0.26561	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	22.00000	99.30000	0.25240	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	22.00000	99.30000	0.23836	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	22.00000	99.30000	0.22373	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	22.00000	99.30000	0.20873	99.150	0.0	0.0	0.0
1	PDISP	0.00000	22.00000	99.30000	0.19359	99.150	0.0	0.0	0.0
1	PDISP	1.00000	22.00000	99.30000	0.17853	99.150	0.0	0.0	0.0
1	PDISP	2.00000	22.00000	99.30000	0.16374	99.150	0.0	0.0	0.0
1	PDISP	3.00000	22.00000	99.30000	0.14938	99.150	0.0	0.0	0.0
1	PDISP	4.00000	22.00000	99.30000	0.13557	99.150	0.0	0.0	0.0
1	PDISP	5.00000	22.00000	99.30000	0.12241	99.150	0.0	0.0	0.0
1	PDISP	6.00000	22.00000	99.30000	0.10998	99.150	0.0	0.0	0.0
1	PDISP	7.00000	22.00000	99.30000	0.09831	99.150	0.0	0.0	0.0
1	PDISP	8.00000	22.00000	99.30000	0.08742	99.150	0.0	0.0	0.0
1	PDISP	9.00000	22.00000	99.30000	0.07732	99.150	0.0	0.0	0.0
1	PDISP	10.00000	22.00000	99.30000	0.06799	99.150	0.0	0.0	0.0
1	PDISP	11.00000	22.00000	99.30000	0.05941	99.150	0.0	0.0	0.0
1	PDISP	12.00000	22.00000	99.30000	0.05154	99.150	0.0	0.0	0.0
1	PDISP	13.00000	22.00000	99.30000	0.04436	99.150	0.0	0.0	0.0
1	PDISP	14.00000	22.00000	99.30000	0.03781	99.150	0.0	0.0	0.0
1	PDISP	15.00000	22.00000	99.30000	0.03186	99.150	0.0	0.0	0.0
1	PDISP	16.00000	22.00000	99.30000	0.02646	99.150	0.0	0.0	0.0
1	PDISP	17.00000	22.00000	99.30000	0.02159	99.150	0.0	0.0	0.0
1	PDISP	18.00000	22.00000	99.30000	0.01718	99.150	0.0	0.0	0.0
1	PDISP	19.00000	22.00000	99.30000	0.01322	99.150	0.0	0.0	0.0
1	PDISP	20.00000	22.00000	99.30000	0.00965	99.150	0.0	0.0	0.0
1	PDISP	21.00000	22.00000	99.30000	0.00646	99.150	0.0	0.0	0.0
1	PDISP	22.00000	22.00000	99.30000	0.00359	99.150	0.0	0.0	0.0
1	PDISP	23.00000	22.00000	99.30000	0.00104	99.150	0.0	0.0	0.0
1	PDISP	24.00000	22.00000	99.30000	-0.00123	99.150	0.0	0.0	0.0
1	PDISP	25.00000	22.00000	99.30000	-0.00326	99.150	0.0	0.0	0.0
1	PDISP	26.00000	22.00000	99.30000	-0.00505	99.150	0.0	0.0	0.0
1	PDISP	27.00000	22.00000	99.30000	-0.00663	99.150	0.0	0.0	0.0
1	PDISP	28.00000	22.00000	99.30000	-0.00802	99.150	0.0	0.0	0.0
1	PDISP	29.00000	22.00000	99.30000	-0.00924	99.150	0.0	0.0	0.0
1	PDISP	30.00000	22.00000	99.30000	-0.01030	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	23.00000	99.30000	0.00407	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	23.00000	99.30000	0.00699	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	23.00000	99.30000	0.01026	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-42.00000	23.00000	99.30000	0.01392	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	23.00000	99.30000	0.01799	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	23.00000	99.30000	0.02253	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	23.00000	99.30000	0.02757	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	23.00000	99.30000	0.03316	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	23.00000	99.30000	0.03936	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	23.00000	99.30000	0.04620	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	23.00000	99.30000	0.05375	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	23.00000	99.30000	0.06206	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	23.00000	99.30000	0.07117	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	23.00000	99.30000	0.08113	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	23.00000	99.30000	0.09197	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	23.00000	99.30000	0.10371	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	23.00000	99.30000	0.11633	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	23.00000	99.30000	0.12980	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	23.00000	99.30000	0.14403	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	23.00000	99.30000	0.15886	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	23.00000	99.30000	0.17409	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	23.00000	99.30000	0.18944	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	23.00000	99.30000	0.20456	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	23.00000	99.30000	0.21904	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	23.00000	99.30000	0.23248	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	23.00000	99.30000	0.24449	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	23.00000	99.30000	0.25478	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	23.00000	99.30000	0.26316	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	23.00000	99.30000	0.26960	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	23.00000	99.30000	0.27415	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	23.00000	99.30000	0.27695	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	23.00000	99.30000	0.27815	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	23.00000	99.30000	0.27786	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	23.00000	99.30000	0.27619	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	23.00000	99.30000	0.27317	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	23.00000	99.30000	0.26885	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	23.00000	99.30000	0.26325	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	23.00000	99.30000	0.25639	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	23.00000	99.30000	0.24835	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	23.00000	99.30000	0.23920	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	23.00000	99.30000	0.22905	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	23.00000	99.30000	0.21804	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	23.00000	99.30000	0.20634	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	23.00000	99.30000	0.19411	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	23.00000	99.30000	0.18155	99.150	0.0	0.0	0.0
1	PDISP	0.00000	23.00000	99.30000	0.16882	99.150	0.0	0.0	0.0
1	PDISP	1.00000	23.00000	99.30000	0.15611	99.150	0.0	0.0	0.0
1	PDISP	2.00000	23.00000	99.30000	0.14357	99.150	0.0	0.0	0.0
1	PDISP	3.00000	23.00000	99.30000	0.13132	99.150	0.0	0.0	0.0
1	PDISP	4.00000	23.00000	99.30000	0.11948	99.150	0.0	0.0	0.0
1	PDISP	5.00000	23.00000	99.30000	0.10814	99.150	0.0	0.0	0.0
1	PDISP	6.00000	23.00000	99.30000	0.09736	99.150	0.0	0.0	0.0
1	PDISP	7.00000	23.00000	99.30000	0.08719	99.150	0.0	0.0	0.0
1	PDISP	8.00000	23.00000	99.30000	0.07765	99.150	0.0	0.0	0.0
1	PDISP	9.00000	23.00000	99.30000	0.06874	99.150	0.0	0.0	0.0
1	PDISP	10.00000	23.00000	99.30000	0.06048	99.150	0.0	0.0	0.0
1	PDISP	11.00000	23.00000	99.30000	0.05284	99.150	0.0	0.0	0.0
1	PDISP	12.00000	23.00000	99.30000	0.04580	99.150	0.0	0.0	0.0
1	PDISP	13.00000	23.00000	99.30000	0.03934	99.150	0.0	0.0	0.0
1	PDISP	14.00000	23.00000	99.30000	0.03343	99.150	0.0	0.0	0.0
1	PDISP	15.00000	23.00000	99.30000	0.02804	99.150	0.0	0.0	0.0
1	PDISP	16.00000	23.00000	99.30000	0.02314	99.150	0.0	0.0	0.0
1	PDISP	17.00000	23.00000	99.30000	0.01869	99.150	0.0	0.0	0.0
1	PDISP	18.00000	23.00000	99.30000	0.01467	99.150	0.0	0.0	0.0
1	PDISP	19.00000	23.00000	99.30000	0.01103	99.150	0.0	0.0	0.0
1	PDISP	20.00000	23.00000	99.30000	0.00776	99.150	0.0	0.0	0.0
1	PDISP	21.00000	23.00000	99.30000	0.00481	99.150	0.0	0.0	0.0
1	PDISP	22.00000	23.00000	99.30000	0.00217	99.150	0.0	0.0	0.0
1	PDISP	23.00000	23.00000	99.30000	-0.00019	99.150	0.0	0.0	0.0
1	PDISP	24.00000	23.00000	99.30000	-0.00230	99.150	0.0	0.0	0.0
1	PDISP	25.00000	23.00000	99.30000	-0.00418	99.150	0.0	0.0	0.0
1	PDISP	26.00000	23.00000	99.30000	-0.00584	99.150	0.0	0.0	0.0
1	PDISP	27.00000	23.00000	99.30000	-0.00731	99.150	0.0	0.0	0.0
1	PDISP	28.00000	23.00000	99.30000	-0.00860	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
						Level	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
						[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	29.00000	23.00000	99.30000	-0.00974	99.150	0.0	0.0	0.0
1	PDISP	30.00000	23.00000	99.30000	-0.01073	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	24.00000	99.30000	0.00262	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	24.00000	99.30000	0.00531	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	24.00000	99.30000	0.00832	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	24.00000	99.30000	0.01167	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	24.00000	99.30000	0.01540	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	24.00000	99.30000	0.01954	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	24.00000	99.30000	0.02412	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	24.00000	99.30000	0.02919	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	24.00000	99.30000	0.03478	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	24.00000	99.30000	0.04092	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	24.00000	99.30000	0.04766	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	24.00000	99.30000	0.05503	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	24.00000	99.30000	0.06307	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	24.00000	99.30000	0.07180	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	24.00000	99.30000	0.08122	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	24.00000	99.30000	0.09135	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	24.00000	99.30000	0.10214	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	24.00000	99.30000	0.11356	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	24.00000	99.30000	0.12551	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	24.00000	99.30000	0.13787	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	24.00000	99.30000	0.15045	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	24.00000	99.30000	0.16304	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	24.00000	99.30000	0.17538	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	24.00000	99.30000	0.18719	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	24.00000	99.30000	0.19818	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	24.00000	99.30000	0.20807	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	24.00000	99.30000	0.21667	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	24.00000	99.30000	0.22383	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	24.00000	99.30000	0.22949	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	24.00000	99.30000	0.23365	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	24.00000	99.30000	0.23638	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	24.00000	99.30000	0.23774	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	24.00000	99.30000	0.23780	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	24.00000	99.30000	0.23664	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	24.00000	99.30000	0.23428	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	24.00000	99.30000	0.23077	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	24.00000	99.30000	0.22615	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	24.00000	99.30000	0.22046	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	24.00000	99.30000	0.21376	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	24.00000	99.30000	0.20612	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	24.00000	99.30000	0.19764	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	24.00000	99.30000	0.18843	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	24.00000	99.30000	0.17863	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	24.00000	99.30000	0.16836	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	24.00000	99.30000	0.15779	99.150	0.0	0.0	0.0
1	PDISP	0.00000	24.00000	99.30000	0.14705	99.150	0.0	0.0	0.0
1	PDISP	1.00000	24.00000	99.30000	0.13628	99.150	0.0	0.0	0.0
1	PDISP	2.00000	24.00000	99.30000	0.12561	99.150	0.0	0.0	0.0
1	PDISP	3.00000	24.00000	99.30000	0.11514	99.150	0.0	0.0	0.0
1	PDISP	4.00000	24.00000	99.30000	0.10498	99.150	0.0	0.0	0.0
1	PDISP	5.00000	24.00000	99.30000	0.09519	99.150	0.0	0.0	0.0
1	PDISP	6.00000	24.00000	99.30000	0.08584	99.150	0.0	0.0	0.0
1	PDISP	7.00000	24.00000	99.30000	0.07696	99.150	0.0	0.0	0.0
1	PDISP	8.00000	24.00000	99.30000	0.06860	99.150	0.0	0.0	0.0
1	PDISP	9.00000	24.00000	99.30000	0.06076	99.150	0.0	0.0	0.0
1	PDISP	10.00000	24.00000	99.30000	0.05344	99.150	0.0	0.0	0.0
1	PDISP	11.00000	24.00000	99.30000	0.04665	99.150	0.0	0.0	0.0
1	PDISP	12.00000	24.00000	99.30000	0.04037	99.150	0.0	0.0	0.0
1	PDISP	13.00000	24.00000	99.30000	0.03458	99.150	0.0	0.0	0.0
1	PDISP	14.00000	24.00000	99.30000	0.02926	99.150	0.0	0.0	0.0
1	PDISP	15.00000	24.00000	99.30000	0.02439	99.150	0.0	0.0	0.0
1	PDISP	16.00000	24.00000	99.30000	0.01995	99.150	0.0	0.0	0.0
1	PDISP	17.00000	24.00000	99.30000	0.01591	99.150	0.0	0.0	0.0
1	PDISP	18.00000	24.00000	99.30000	0.01224	99.150	0.0	0.0	0.0
1	PDISP	19.00000	24.00000	99.30000	0.00891	99.150	0.0	0.0	0.0
1	PDISP	20.00000	24.00000	99.30000	0.00591	99.150	0.0	0.0	0.0
1	PDISP	21.00000	24.00000	99.30000	0.00321	99.150	0.0	0.0	0.0
1	PDISP	22.00000	24.00000	99.30000	0.00078	99.150	0.0	0.0	0.0
1	PDISP	23.00000	24.00000	99.30000	-0.00140	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	24.00000	24.00000	99.30000	-0.00334	99.150	0.0	0.0	0.0
1	PDISP	25.00000	24.00000	99.30000	-0.00508	99.150	0.0	0.0	0.0
1	PDISP	26.00000	24.00000	99.30000	-0.00661	99.150	0.0	0.0	0.0
1	PDISP	27.00000	24.00000	99.30000	-0.00797	99.150	0.0	0.0	0.0
1	PDISP	28.00000	24.00000	99.30000	-0.00917	99.150	0.0	0.0	0.0
1	PDISP	29.00000	24.00000	99.30000	-0.01022	99.150	0.0	0.0	0.0
1	PDISP	30.00000	24.00000	99.30000	-0.01114	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	25.00000	99.30000	0.00120	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	25.00000	99.30000	0.00367	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	25.00000	99.30000	0.00643	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	25.00000	99.30000	0.00950	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	25.00000	99.30000	0.01290	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	25.00000	99.30000	0.01666	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	25.00000	99.30000	0.02081	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	25.00000	99.30000	0.02539	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	25.00000	99.30000	0.03041	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	25.00000	99.30000	0.03591	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	25.00000	99.30000	0.04191	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	25.00000	99.30000	0.04844	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	25.00000	99.30000	0.05552	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	25.00000	99.30000	0.06316	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	25.00000	99.30000	0.07135	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	25.00000	99.30000	0.08009	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	25.00000	99.30000	0.08934	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	25.00000	99.30000	0.09904	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	25.00000	99.30000	0.10913	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	25.00000	99.30000	0.11948	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	25.00000	99.30000	0.12995	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	25.00000	99.30000	0.14038	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	25.00000	99.30000	0.15056	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	25.00000	99.30000	0.16029	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	25.00000	99.30000	0.16937	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	25.00000	99.30000	0.17759	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	25.00000	99.30000	0.18481	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	25.00000	99.30000	0.19090	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	25.00000	99.30000	0.19582	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	25.00000	99.30000	0.19954	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	25.00000	99.30000	0.20206	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	25.00000	99.30000	0.20344	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	25.00000	99.30000	0.20370	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	25.00000	99.30000	0.20289	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	25.00000	99.30000	0.20104	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	25.00000	99.30000	0.19819	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	25.00000	99.30000	0.19437	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	25.00000	99.30000	0.18963	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	25.00000	99.30000	0.18403	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	25.00000	99.30000	0.17764	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	25.00000	99.30000	0.17053	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	25.00000	99.30000	0.16279	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	25.00000	99.30000	0.15455	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	25.00000	99.30000	0.14590	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	25.00000	99.30000	0.13697	99.150	0.0	0.0	0.0
1	PDISP	0.00000	25.00000	99.30000	0.12787	99.150	0.0	0.0	0.0
1	PDISP	1.00000	25.00000	99.30000	0.11872	99.150	0.0	0.0	0.0
1	PDISP	2.00000	25.00000	99.30000	0.10962	99.150	0.0	0.0	0.0
1	PDISP	3.00000	25.00000	99.30000	0.10065	99.150	0.0	0.0	0.0
1	PDISP	4.00000	25.00000	99.30000	0.09190	99.150	0.0	0.0	0.0
1	PDISP	5.00000	25.00000	99.30000	0.08344	99.150	0.0	0.0	0.0
1	PDISP	6.00000	25.00000	99.30000	0.07533	99.150	0.0	0.0	0.0
1	PDISP	7.00000	25.00000	99.30000	0.06759	99.150	0.0	0.0	0.0
1	PDISP	8.00000	25.00000	99.30000	0.06026	99.150	0.0	0.0	0.0
1	PDISP	9.00000	25.00000	99.30000	0.05336	99.150	0.0	0.0	0.0
1	PDISP	10.00000	25.00000	99.30000	0.04689	99.150	0.0	0.0	0.0
1	PDISP	11.00000	25.00000	99.30000	0.04086	99.150	0.0	0.0	0.0
1	PDISP	12.00000	25.00000	99.30000	0.03526	99.150	0.0	0.0	0.0
1	PDISP	13.00000	25.00000	99.30000	0.03008	99.150	0.0	0.0	0.0
1	PDISP	14.00000	25.00000	99.30000	0.02530	99.150	0.0	0.0	0.0
1	PDISP	15.00000	25.00000	99.30000	0.02092	99.150	0.0	0.0	0.0
1	PDISP	16.00000	25.00000	99.30000	0.01690	99.150	0.0	0.0	0.0
1	PDISP	17.00000	25.00000	99.30000	0.01324	99.150	0.0	0.0	0.0
1	PDISP	18.00000	25.00000	99.30000	0.00990	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	19.00000	25.00000	99.30000	0.00687	99.150	0.0	0.0	0.0
1	PDISP	20.00000	25.00000	99.30000	0.00413	99.150	0.0	0.0	0.0
1	PDISP	21.00000	25.00000	99.30000	0.00166	99.150	0.0	0.0	0.0
1	PDISP	22.00000	25.00000	99.30000	-0.00057	99.150	0.0	0.0	0.0
1	PDISP	23.00000	25.00000	99.30000	-0.00257	99.150	0.0	0.0	0.0
1	PDISP	24.00000	25.00000	99.30000	-0.00436	99.150	0.0	0.0	0.0
1	PDISP	25.00000	25.00000	99.30000	-0.00595	99.150	0.0	0.0	0.0
1	PDISP	26.00000	25.00000	99.30000	-0.00737	99.150	0.0	0.0	0.0
1	PDISP	27.00000	25.00000	99.30000	-0.00863	99.150	0.0	0.0	0.0
1	PDISP	28.00000	25.00000	99.30000	-0.00973	99.150	0.0	0.0	0.0
1	PDISP	29.00000	25.00000	99.30000	-0.01070	99.150	0.0	0.0	0.0
1	PDISP	30.00000	25.00000	99.30000	-0.01154	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	26.00000	99.30000	-0.00018	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	26.00000	99.30000	0.00208	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	26.00000	99.30000	0.00461	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	26.00000	99.30000	0.00740	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	26.00000	99.30000	0.01049	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	26.00000	99.30000	0.01390	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	26.00000	99.30000	0.01765	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	26.00000	99.30000	0.02177	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	26.00000	99.30000	0.02627	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	26.00000	99.30000	0.03118	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	26.00000	99.30000	0.03652	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	26.00000	99.30000	0.04229	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	26.00000	99.30000	0.04852	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	26.00000	99.30000	0.05519	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	26.00000	99.30000	0.06232	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	26.00000	99.30000	0.06986	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	26.00000	99.30000	0.07780	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	26.00000	99.30000	0.08607	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	26.00000	99.30000	0.09462	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	26.00000	99.30000	0.10333	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	26.00000	99.30000	0.11211	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	26.00000	99.30000	0.12080	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	26.00000	99.30000	0.12928	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	26.00000	99.30000	0.13737	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	26.00000	99.30000	0.14492	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	26.00000	99.30000	0.15180	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	26.00000	99.30000	0.15788	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	26.00000	99.30000	0.16307	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	26.00000	99.30000	0.16731	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	26.00000	99.30000	0.17058	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	26.00000	99.30000	0.17286	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	26.00000	99.30000	0.17418	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	26.00000	99.30000	0.17454	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	26.00000	99.30000	0.17397	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	26.00000	99.30000	0.17251	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	26.00000	99.30000	0.17018	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	26.00000	99.30000	0.16702	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	26.00000	99.30000	0.16307	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	26.00000	99.30000	0.15838	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	26.00000	99.30000	0.15301	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	26.00000	99.30000	0.14703	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	26.00000	99.30000	0.14052	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	26.00000	99.30000	0.13356	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	26.00000	99.30000	0.12625	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	26.00000	99.30000	0.11868	99.150	0.0	0.0	0.0
1	PDISP	0.00000	26.00000	99.30000	0.11095	99.150	0.0	0.0	0.0
1	PDISP	1.00000	26.00000	99.30000	0.10315	99.150	0.0	0.0	0.0
1	PDISP	2.00000	26.00000	99.30000	0.09536	99.150	0.0	0.0	0.0
1	PDISP	3.00000	26.00000	99.30000	0.08767	99.150	0.0	0.0	0.0
1	PDISP	4.00000	26.00000	99.30000	0.08013	99.150	0.0	0.0	0.0
1	PDISP	5.00000	26.00000	99.30000	0.07281	99.150	0.0	0.0	0.0
1	PDISP	6.00000	26.00000	99.30000	0.06576	99.150	0.0	0.0	0.0
1	PDISP	7.00000	26.00000	99.30000	0.05901	99.150	0.0	0.0	0.0
1	PDISP	8.00000	26.00000	99.30000	0.05259	99.150	0.0	0.0	0.0
1	PDISP	9.00000	26.00000	99.30000	0.04652	99.150	0.0	0.0	0.0
1	PDISP	10.00000	26.00000	99.30000	0.04081	99.150	0.0	0.0	0.0
1	PDISP	11.00000	26.00000	99.30000	0.03546	99.150	0.0	0.0	0.0
1	PDISP	12.00000	26.00000	99.30000	0.03048	99.150	0.0	0.0	0.0
1	PDISP	13.00000	26.00000	99.30000	0.02585	99.150	0.0	0.0	0.0





**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	14.00000	26.00000	99.30000	0.02157	99.150	0.0	0.0	0.0
1	PDISP	15.00000	26.00000	99.30000	0.01763	99.150	0.0	0.0	0.0
1	PDISP	16.00000	26.00000	99.30000	0.01401	99.150	0.0	0.0	0.0
1	PDISP	17.00000	26.00000	99.30000	0.01069	99.150	0.0	0.0	0.0
1	PDISP	18.00000	26.00000	99.30000	0.00767	99.150	0.0	0.0	0.0
1	PDISP	19.00000	26.00000	99.30000	0.00492	99.150	0.0	0.0	0.0
1	PDISP	20.00000	26.00000	99.30000	0.00242	99.150	0.0	0.0	0.0
1	PDISP	21.00000	26.00000	99.30000	0.00016	99.150	0.0	0.0	0.0
1	PDISP	22.00000	26.00000	99.30000	-0.00187	99.150	0.0	0.0	0.0
1	PDISP	23.00000	26.00000	99.30000	-0.00370	99.150	0.0	0.0	0.0
1	PDISP	24.00000	26.00000	99.30000	-0.00534	99.150	0.0	0.0	0.0
1	PDISP	25.00000	26.00000	99.30000	-0.00680	99.150	0.0	0.0	0.0
1	PDISP	26.00000	26.00000	99.30000	-0.00810	99.150	0.0	0.0	0.0
1	PDISP	27.00000	26.00000	99.30000	-0.00926	99.150	0.0	0.0	0.0
1	PDISP	28.00000	26.00000	99.30000	-0.01027	99.150	0.0	0.0	0.0
1	PDISP	29.00000	26.00000	99.30000	-0.01116	99.150	0.0	0.0	0.0
1	PDISP	30.00000	26.00000	99.30000	-0.01194	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	27.00000	99.30000	-0.00151	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	27.00000	99.30000	0.00056	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	27.00000	99.30000	0.00285	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	27.00000	99.30000	0.00539	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	27.00000	99.30000	0.00819	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	27.00000	99.30000	0.01127	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	27.00000	99.30000	0.01465	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	27.00000	99.30000	0.01835	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	27.00000	99.30000	0.02238	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	27.00000	99.30000	0.02675	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	27.00000	99.30000	0.03148	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	27.00000	99.30000	0.03658	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	27.00000	99.30000	0.04205	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	27.00000	99.30000	0.04789	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	27.00000	99.30000	0.05408	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	27.00000	99.30000	0.06060	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	27.00000	99.30000	0.06742	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	27.00000	99.30000	0.07449	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	27.00000	99.30000	0.08176	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	27.00000	99.30000	0.08913	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	27.00000	99.30000	0.09652	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	27.00000	99.30000	0.10382	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	27.00000	99.30000	0.11092	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	27.00000	99.30000	0.11769	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	27.00000	99.30000	0.12402	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	27.00000	99.30000	0.12980	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	27.00000	99.30000	0.13494	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	27.00000	99.30000	0.13936	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	27.00000	99.30000	0.14300	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	27.00000	99.30000	0.14585	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	27.00000	99.30000	0.14788	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	27.00000	99.30000	0.14909	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	27.00000	99.30000	0.14949	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	27.00000	99.30000	0.14910	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	27.00000	99.30000	0.14794	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	27.00000	99.30000	0.14603	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	27.00000	99.30000	0.14341	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	27.00000	99.30000	0.14011	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	27.00000	99.30000	0.13617	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	27.00000	99.30000	0.13165	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	27.00000	99.30000	0.12661	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	27.00000	99.30000	0.12111	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	27.00000	99.30000	0.11522	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	27.00000	99.30000	0.10902	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	27.00000	99.30000	0.10259	99.150	0.0	0.0	0.0
1	PDISP	0.00000	27.00000	99.30000	0.09600	99.150	0.0	0.0	0.0
1	PDISP	1.00000	27.00000	99.30000	0.08933	99.150	0.0	0.0	0.0
1	PDISP	2.00000	27.00000	99.30000	0.08266	99.150	0.0	0.0	0.0
1	PDISP	3.00000	27.00000	99.30000	0.07604	99.150	0.0	0.0	0.0
1	PDISP	4.00000	27.00000	99.30000	0.06954	99.150	0.0	0.0	0.0
1	PDISP	5.00000	27.00000	99.30000	0.06320	99.150	0.0	0.0	0.0
1	PDISP	6.00000	27.00000	99.30000	0.05707	99.150	0.0	0.0	0.0
1	PDISP	7.00000	27.00000	99.30000	0.05118	99.150	0.0	0.0	0.0
1	PDISP	8.00000	27.00000	99.30000	0.04556	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	9.00000	27.00000	99.30000	0.04022	99.150	0.0	0.0	0.0
1	PDISP	10.00000	27.00000	99.30000	0.03518	99.150	0.0	0.0	0.0
1	PDISP	11.00000	27.00000	99.30000	0.03044	99.150	0.0	0.0	0.0
1	PDISP	12.00000	27.00000	99.30000	0.02602	99.150	0.0	0.0	0.0
1	PDISP	13.00000	27.00000	99.30000	0.02189	99.150	0.0	0.0	0.0
1	PDISP	14.00000	27.00000	99.30000	0.01807	99.150	0.0	0.0	0.0
1	PDISP	15.00000	27.00000	99.30000	0.01453	99.150	0.0	0.0	0.0
1	PDISP	16.00000	27.00000	99.30000	0.01127	99.150	0.0	0.0	0.0
1	PDISP	17.00000	27.00000	99.30000	0.00828	99.150	0.0	0.0	0.0
1	PDISP	18.00000	27.00000	99.30000	0.00555	99.150	0.0	0.0	0.0
1	PDISP	19.00000	27.00000	99.30000	0.00306	99.150	0.0	0.0	0.0
1	PDISP	20.00000	27.00000	99.30000	0.00079	99.150	0.0	0.0	0.0
1	PDISP	21.00000	27.00000	99.30000	-0.00126	99.150	0.0	0.0	0.0
1	PDISP	22.00000	27.00000	99.30000	-0.00312	99.150	0.0	0.0	0.0
1	PDISP	23.00000	27.00000	99.30000	-0.00479	99.150	0.0	0.0	0.0
1	PDISP	24.00000	27.00000	99.30000	-0.00628	99.150	0.0	0.0	0.0
1	PDISP	25.00000	27.00000	99.30000	-0.00762	99.150	0.0	0.0	0.0
1	PDISP	26.00000	27.00000	99.30000	-0.00881	99.150	0.0	0.0	0.0
1	PDISP	27.00000	27.00000	99.30000	-0.00986	99.150	0.0	0.0	0.0
1	PDISP	28.00000	27.00000	99.30000	-0.01079	99.150	0.0	0.0	0.0
1	PDISP	29.00000	27.00000	99.30000	-0.01160	99.150	0.0	0.0	0.0
1	PDISP	30.00000	27.00000	99.30000	-0.01231	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	28.00000	99.30000	-0.00278	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	28.00000	99.30000	-0.00090	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	28.00000	99.30000	0.00118	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	28.00000	99.30000	0.00348	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	28.00000	99.30000	0.00601	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	28.00000	99.30000	0.00878	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	28.00000	99.30000	0.01182	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	28.00000	99.30000	0.01513	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	28.00000	99.30000	0.01872	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	28.00000	99.30000	0.02261	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	28.00000	99.30000	0.02680	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	28.00000	99.30000	0.03130	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	28.00000	99.30000	0.03610	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	28.00000	99.30000	0.04120	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	28.00000	99.30000	0.04658	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	28.00000	99.30000	0.05222	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	28.00000	99.30000	0.05810	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	28.00000	99.30000	0.06416	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	28.00000	99.30000	0.07035	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	28.00000	99.30000	0.07661	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	28.00000	99.30000	0.08286	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	28.00000	99.30000	0.08902	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	28.00000	99.30000	0.09500	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	28.00000	99.30000	0.10069	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	28.00000	99.30000	0.10603	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	28.00000	99.30000	0.11091	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	28.00000	99.30000	0.11526	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	28.00000	99.30000	0.11902	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	28.00000	99.30000	0.12215	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	28.00000	99.30000	0.12462	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	28.00000	99.30000	0.12641	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	28.00000	99.30000	0.12750	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	28.00000	99.30000	0.12791	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	28.00000	99.30000	0.12764	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	28.00000	99.30000	0.12671	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	28.00000	99.30000	0.12514	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	28.00000	99.30000	0.12296	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	28.00000	99.30000	0.12019	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	28.00000	99.30000	0.11688	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	28.00000	99.30000	0.11307	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	28.00000	99.30000	0.10880	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	28.00000	99.30000	0.10414	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	28.00000	99.30000	0.09914	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	28.00000	99.30000	0.09387	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	28.00000	99.30000	0.08839	99.150	0.0	0.0	0.0
1	PDISP	0.00000	28.00000	99.30000	0.08277	99.150	0.0	0.0	0.0
1	PDISP	1.00000	28.00000	99.30000	0.07706	99.150	0.0	0.0	0.0
1	PDISP	2.00000	28.00000	99.30000	0.07133	99.150	0.0	0.0	0.0
1	PDISP	3.00000	28.00000	99.30000	0.06563	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
D J21282		
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	4.00000	28.00000	99.30000	0.06002	99.150	0.0	0.0	0.0
1	PDISP	5.00000	28.00000	99.30000	0.05452	99.150	0.0	0.0	0.0
1	PDISP	6.00000	28.00000	99.30000	0.04919	99.150	0.0	0.0	0.0
1	PDISP	7.00000	28.00000	99.30000	0.04405	99.150	0.0	0.0	0.0
1	PDISP	8.00000	28.00000	99.30000	0.03912	99.150	0.0	0.0	0.0
1	PDISP	9.00000	28.00000	99.30000	0.03443	99.150	0.0	0.0	0.0
1	PDISP	10.00000	28.00000	99.30000	0.02999	99.150	0.0	0.0	0.0
1	PDISP	11.00000	28.00000	99.30000	0.02580	99.150	0.0	0.0	0.0
1	PDISP	12.00000	28.00000	99.30000	0.02187	99.150	0.0	0.0	0.0
1	PDISP	13.00000	28.00000	99.30000	0.01820	99.150	0.0	0.0	0.0
1	PDISP	14.00000	28.00000	99.30000	0.01479	99.150	0.0	0.0	0.0
1	PDISP	15.00000	28.00000	99.30000	0.01162	99.150	0.0	0.0	0.0
1	PDISP	16.00000	28.00000	99.30000	0.00870	99.150	0.0	0.0	0.0
1	PDISP	17.00000	28.00000	99.30000	0.00601	99.150	0.0	0.0	0.0
1	PDISP	18.00000	28.00000	99.30000	0.00354	99.150	0.0	0.0	0.0
1	PDISP	19.00000	28.00000	99.30000	0.00129	99.150	0.0	0.0	0.0
1	PDISP	20.00000	28.00000	99.30000	-0.00076	99.150	0.0	0.0	0.0
1	PDISP	21.00000	28.00000	99.30000	-0.00262	99.150	0.0	0.0	0.0
1	PDISP	22.00000	28.00000	99.30000	-0.00431	99.150	0.0	0.0	0.0
1	PDISP	23.00000	28.00000	99.30000	-0.00582	99.150	0.0	0.0	0.0
1	PDISP	24.00000	28.00000	99.30000	-0.00719	99.150	0.0	0.0	0.0
1	PDISP	25.00000	28.00000	99.30000	-0.00840	99.150	0.0	0.0	0.0
1	PDISP	26.00000	28.00000	99.30000	-0.00948	99.150	0.0	0.0	0.0
1	PDISP	27.00000	28.00000	99.30000	-0.01044	99.150	0.0	0.0	0.0
1	PDISP	28.00000	28.00000	99.30000	-0.01129	99.150	0.0	0.0	0.0
1	PDISP	29.00000	28.00000	99.30000	-0.01203	99.150	0.0	0.0	0.0
1	PDISP	30.00000	28.00000	99.30000	-0.01267	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	29.00000	99.30000	-0.00400	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	29.00000	99.30000	-0.00229	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	29.00000	99.30000	-0.00041	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	29.00000	99.30000	0.00166	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	29.00000	99.30000	0.00394	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	29.00000	99.30000	0.00644	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	29.00000	99.30000	0.00916	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	29.00000	99.30000	0.01211	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	29.00000	99.30000	0.01531	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	29.00000	99.30000	0.01877	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	29.00000	99.30000	0.02247	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	29.00000	99.30000	0.02643	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	29.00000	99.30000	0.03064	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	29.00000	99.30000	0.03509	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	29.00000	99.30000	0.03977	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	29.00000	99.30000	0.04466	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	29.00000	99.30000	0.04972	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	29.00000	99.30000	0.05493	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	29.00000	99.30000	0.06022	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	29.00000	99.30000	0.06555	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	29.00000	99.30000	0.07086	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	29.00000	99.30000	0.07608	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	29.00000	99.30000	0.08113	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	29.00000	99.30000	0.08595	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	29.00000	99.30000	0.09046	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	29.00000	99.30000	0.09459	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	29.00000	99.30000	0.09829	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	29.00000	99.30000	0.10150	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	29.00000	99.30000	0.10419	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	29.00000	99.30000	0.10632	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	29.00000	99.30000	0.10788	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	29.00000	99.30000	0.10886	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	29.00000	99.30000	0.10925	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	29.00000	99.30000	0.10907	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	29.00000	99.30000	0.10832	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	29.00000	99.30000	0.10702	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	29.00000	99.30000	0.10520	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	29.00000	99.30000	0.10287	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	29.00000	99.30000	0.10008	99.150	0.0	0.0	0.0
1	PDISP	-6.00000	29.00000	99.30000	0.09685	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	29.00000	99.30000	0.09324	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	29.00000	99.30000	0.08928	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	29.00000	99.30000	0.08503	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	29.00000	99.30000	0.08054	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD**  
**J21282**

12 Pilgrims Lane  
 Long term (total) movements  
 Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-1.00000	29.00000	99.30000	0.07586	99.150	0.0	0.0	0.0
1	PDISP	0.00000	29.00000	99.30000	0.07105	99.150	0.0	0.0	0.0
1	PDISP	1.00000	29.00000	99.30000	0.06615	99.150	0.0	0.0	0.0
1	PDISP	2.00000	29.00000	99.30000	0.06123	99.150	0.0	0.0	0.0
1	PDISP	3.00000	29.00000	99.30000	0.05631	99.150	0.0	0.0	0.0
1	PDISP	4.00000	29.00000	99.30000	0.05146	99.150	0.0	0.0	0.0
1	PDISP	5.00000	29.00000	99.30000	0.04669	99.150	0.0	0.0	0.0
1	PDISP	6.00000	29.00000	99.30000	0.04205	99.150	0.0	0.0	0.0
1	PDISP	7.00000	29.00000	99.30000	0.03757	99.150	0.0	0.0	0.0
1	PDISP	8.00000	29.00000	99.30000	0.03325	99.150	0.0	0.0	0.0
1	PDISP	9.00000	29.00000	99.30000	0.02913	99.150	0.0	0.0	0.0
1	PDISP	10.00000	29.00000	99.30000	0.02522	99.150	0.0	0.0	0.0
1	PDISP	11.00000	29.00000	99.30000	0.02152	99.150	0.0	0.0	0.0
1	PDISP	12.00000	29.00000	99.30000	0.01804	99.150	0.0	0.0	0.0
1	PDISP	13.00000	29.00000	99.30000	0.01477	99.150	0.0	0.0	0.0
1	PDISP	14.00000	29.00000	99.30000	0.01173	99.150	0.0	0.0	0.0
1	PDISP	15.00000	29.00000	99.30000	0.00890	99.150	0.0	0.0	0.0
1	PDISP	16.00000	29.00000	99.30000	0.00629	99.150	0.0	0.0	0.0
1	PDISP	17.00000	29.00000	99.30000	0.00387	99.150	0.0	0.0	0.0
1	PDISP	18.00000	29.00000	99.30000	0.00166	99.150	0.0	0.0	0.0
1	PDISP	19.00000	29.00000	99.30000	-0.00037	99.150	0.0	0.0	0.0
1	PDISP	20.00000	29.00000	99.30000	-0.00223	99.150	0.0	0.0	0.0
1	PDISP	21.00000	29.00000	99.30000	-0.00391	99.150	0.0	0.0	0.0
1	PDISP	22.00000	29.00000	99.30000	-0.00543	99.150	0.0	0.0	0.0
1	PDISP	23.00000	29.00000	99.30000	-0.00681	99.150	0.0	0.0	0.0
1	PDISP	24.00000	29.00000	99.30000	-0.00804	99.150	0.0	0.0	0.0
1	PDISP	25.00000	29.00000	99.30000	-0.00914	99.150	0.0	0.0	0.0
1	PDISP	26.00000	29.00000	99.30000	-0.01013	99.150	0.0	0.0	0.0
1	PDISP	27.00000	29.00000	99.30000	-0.01100	99.150	0.0	0.0	0.0
1	PDISP	28.00000	29.00000	99.30000	-0.01176	99.150	0.0	0.0	0.0
1	PDISP	29.00000	29.00000	99.30000	-0.01243	99.150	0.0	0.0	0.0
1	PDISP	30.00000	29.00000	99.30000	-0.01301	99.150	0.0	0.0	0.0
1	PDISP	-45.00000	30.00000	99.30000	-0.00515	99.150	0.0	0.0	0.0
1	PDISP	-44.00000	30.00000	99.30000	-0.00361	99.150	0.0	0.0	0.0
1	PDISP	-43.00000	30.00000	99.30000	-0.00191	99.150	0.0	0.0	0.0
1	PDISP	-42.00000	30.00000	99.30000	-0.00004	99.150	0.0	0.0	0.0
1	PDISP	-41.00000	30.00000	99.30000	0.00200	99.150	0.0	0.0	0.0
1	PDISP	-40.00000	30.00000	99.30000	0.00424	99.150	0.0	0.0	0.0
1	PDISP	-39.00000	30.00000	99.30000	0.00667	99.150	0.0	0.0	0.0
1	PDISP	-38.00000	30.00000	99.30000	0.00930	99.150	0.0	0.0	0.0
1	PDISP	-37.00000	30.00000	99.30000	0.01215	99.150	0.0	0.0	0.0
1	PDISP	-36.00000	30.00000	99.30000	0.01520	99.150	0.0	0.0	0.0
1	PDISP	-35.00000	30.00000	99.30000	0.01848	99.150	0.0	0.0	0.0
1	PDISP	-34.00000	30.00000	99.30000	0.02196	99.150	0.0	0.0	0.0
1	PDISP	-33.00000	30.00000	99.30000	0.02565	99.150	0.0	0.0	0.0
1	PDISP	-32.00000	30.00000	99.30000	0.02954	99.150	0.0	0.0	0.0
1	PDISP	-31.00000	30.00000	99.30000	0.03361	99.150	0.0	0.0	0.0
1	PDISP	-30.00000	30.00000	99.30000	0.03784	99.150	0.0	0.0	0.0
1	PDISP	-29.00000	30.00000	99.30000	0.04221	99.150	0.0	0.0	0.0
1	PDISP	-28.00000	30.00000	99.30000	0.04668	99.150	0.0	0.0	0.0
1	PDISP	-27.00000	30.00000	99.30000	0.05122	99.150	0.0	0.0	0.0
1	PDISP	-26.00000	30.00000	99.30000	0.05578	99.150	0.0	0.0	0.0
1	PDISP	-25.00000	30.00000	99.30000	0.06030	99.150	0.0	0.0	0.0
1	PDISP	-24.00000	30.00000	99.30000	0.06474	99.150	0.0	0.0	0.0
1	PDISP	-23.00000	30.00000	99.30000	0.06903	99.150	0.0	0.0	0.0
1	PDISP	-22.00000	30.00000	99.30000	0.07311	99.150	0.0	0.0	0.0
1	PDISP	-21.00000	30.00000	99.30000	0.07694	99.150	0.0	0.0	0.0
1	PDISP	-20.00000	30.00000	99.30000	0.08045	99.150	0.0	0.0	0.0
1	PDISP	-19.00000	30.00000	99.30000	0.08359	99.150	0.0	0.0	0.0
1	PDISP	-18.00000	30.00000	99.30000	0.08633	99.150	0.0	0.0	0.0
1	PDISP	-17.00000	30.00000	99.30000	0.08864	99.150	0.0	0.0	0.0
1	PDISP	-16.00000	30.00000	99.30000	0.09048	99.150	0.0	0.0	0.0
1	PDISP	-15.00000	30.00000	99.30000	0.09183	99.150	0.0	0.0	0.0
1	PDISP	-14.00000	30.00000	99.30000	0.09270	99.150	0.0	0.0	0.0
1	PDISP	-13.00000	30.00000	99.30000	0.09307	99.150	0.0	0.0	0.0
1	PDISP	-12.00000	30.00000	99.30000	0.09294	99.150	0.0	0.0	0.0
1	PDISP	-11.00000	30.00000	99.30000	0.09234	99.150	0.0	0.0	0.0
1	PDISP	-10.00000	30.00000	99.30000	0.09126	99.150	0.0	0.0	0.0
1	PDISP	-9.00000	30.00000	99.30000	0.08973	99.150	0.0	0.0	0.0
1	PDISP	-8.00000	30.00000	99.30000	0.08777	99.150	0.0	0.0	0.0
1	PDISP	-7.00000	30.00000	99.30000	0.08541	99.150	0.0	0.0	0.0



**GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J21282**

12 Pilgrims Lane  
Long term (total) movements  
Output data

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by AG	Date	Checked Date

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m <sup>2</sup> ]	[kN/m <sup>2</sup> ]	[μ]
1	PDISP	-6.00000	30.00000	99.30000	0.08268	99.150	0.0	0.0	0.0
1	PDISP	-5.00000	30.00000	99.30000	0.07961	99.150	0.0	0.0	0.0
1	PDISP	-4.00000	30.00000	99.30000	0.07624	99.150	0.0	0.0	0.0
1	PDISP	-3.00000	30.00000	99.30000	0.07262	99.150	0.0	0.0	0.0
1	PDISP	-2.00000	30.00000	99.30000	0.06879	99.150	0.0	0.0	0.0
1	PDISP	-1.00000	30.00000	99.30000	0.06479	99.150	0.0	0.0	0.0
1	PDISP	0.00000	30.00000	99.30000	0.06066	99.150	0.0	0.0	0.0
1	PDISP	1.00000	30.00000	99.30000	0.05646	99.150	0.0	0.0	0.0
1	PDISP	2.00000	30.00000	99.30000	0.05221	99.150	0.0	0.0	0.0
1	PDISP	3.00000	30.00000	99.30000	0.04797	99.150	0.0	0.0	0.0
1	PDISP	4.00000	30.00000	99.30000	0.04377	99.150	0.0	0.0	0.0
1	PDISP	5.00000	30.00000	99.30000	0.03963	99.150	0.0	0.0	0.0
1	PDISP	6.00000	30.00000	99.30000	0.03560	99.150	0.0	0.0	0.0
1	PDISP	7.00000	30.00000	99.30000	0.03168	99.150	0.0	0.0	0.0
1	PDISP	8.00000	30.00000	99.30000	0.02791	99.150	0.0	0.0	0.0
1	PDISP	9.00000	30.00000	99.30000	0.02429	99.150	0.0	0.0	0.0
1	PDISP	10.00000	30.00000	99.30000	0.02085	99.150	0.0	0.0	0.0
1	PDISP	11.00000	30.00000	99.30000	0.01758	99.150	0.0	0.0	0.0
1	PDISP	12.00000	30.00000	99.30000	0.01450	99.150	0.0	0.0	0.0
1	PDISP	13.00000	30.00000	99.30000	0.01160	99.150	0.0	0.0	0.0
1	PDISP	14.00000	30.00000	99.30000	0.00890	99.150	0.0	0.0	0.0
1	PDISP	15.00000	30.00000	99.30000	0.00637	99.150	0.0	0.0	0.0
1	PDISP	16.00000	30.00000	99.30000	0.00404	99.150	0.0	0.0	0.0
1	PDISP	17.00000	30.00000	99.30000	0.00188	99.150	0.0	0.0	0.0
1	PDISP	18.00000	30.00000	99.30000	-0.00011	99.150	0.0	0.0	0.0
1	PDISP	19.00000	30.00000	99.30000	-0.00194	99.150	0.0	0.0	0.0
1	PDISP	20.00000	30.00000	99.30000	-0.00360	99.150	0.0	0.0	0.0
1	PDISP	21.00000	30.00000	99.30000	-0.00512	99.150	0.0	0.0	0.0
1	PDISP	22.00000	30.00000	99.30000	-0.00649	99.150	0.0	0.0	0.0
1	PDISP	23.00000	30.00000	99.30000	-0.00773	99.150	0.0	0.0	0.0
1	PDISP	24.00000	30.00000	99.30000	-0.00885	99.150	0.0	0.0	0.0
1	PDISP	25.00000	30.00000	99.30000	-0.00984	99.150	0.0	0.0	0.0
1	PDISP	26.00000	30.00000	99.30000	-0.01073	99.150	0.0	0.0	0.0
1	PDISP	27.00000	30.00000	99.30000	-0.01152	99.150	0.0	0.0	0.0
1	PDISP	28.00000	30.00000	99.30000	-0.01221	99.150	0.0	0.0	0.0
1	PDISP	29.00000	30.00000	99.30000	-0.01281	99.150	0.0	0.0	0.0
1	PDISP	30.00000	30.00000	99.30000	-0.01333	99.150	0.0	0.0	0.0

**Results : Consolidation : Displacement Data : Grids**

None

**Results : Total : Displacement Data : Grids**

None



12 Pilgrims Lane  
 XDISP  
 Installation movements

Job No.	Sheet No.	Rev.
J21282		
Drg. Ref.		
Made by AG	Date 11-Dec-2024	Checked Date

**Titles**

Job No.: J21282  
 Job Title: 12 Pilgrims Lane  
 Sub-title: XDISP  
 Calculation Heading: Installation movements  
 Initials: AG  
 Checker:  
 Date Saved: 11-Dec-2024  
 Date Checked:  
 Notes:  
 File Name: XDisp - I.xdd  
 File Path: C:\Users\alex.goodsell\Documents\GMA J21282\Dec 2024

**History**

Date	Time	By	Notes
24-Jun-2022	12:56	Alex.Goodsell	New
24-Jun-2022	15:32	Alex.Goodsell	
24-Jun-2022	16:01	Alex.Goodsell	
09-Dec-2024	17:01	Alex.Goodsell	
11-Dec-2024	17:43	Alex.Goodsell	
11-Dec-2024	17:55	Alex.Goodsell	Open

**Displacement Lines**

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface type for tunnels	Interpolate imported for displacements	Calculate
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]			
1	14 A	-31.01000	6.12000	99.30000	-26.15000	9.60000	99.30000	6	Surface	Yes	Yes
2	14 B	-26.16000	9.60000	99.30000	-22.89000	11.94000	99.30000	4	Surface	Yes	Yes
3	14 C	-32.41000	8.08000	99.30000	-27.55000	11.56000	99.30000	6	Surface	Yes	Yes
4	14 D	-27.56000	11.56000	99.30000	-24.29000	13.90000	99.30000	4	Surface	Yes	Yes
5	14 E	-22.90000	11.94000	99.30000	-29.03000	19.83000	99.30000	10	Surface	Yes	Yes
6	14 F	-31.02000	6.12000	99.30000	-37.15000	14.01000	99.30000	10	Surface	Yes	Yes
7	14 G	-26.17000	9.60000	99.30000	-32.29000	17.49000	99.30000	10	Surface	Yes	Yes
8	16 A	-37.16000	14.01000	99.30000	-32.30000	17.49000	99.30000	6	Surface	Yes	Yes
9	16 B	-32.31000	17.49000	99.30000	-29.04000	19.83000	99.30000	4	Surface	Yes	Yes
10	16 C	-43.29000	21.90000	99.30000	-38.43000	25.38000	99.30000	6	Surface	Yes	Yes
11	16 D	-38.44000	25.38000	99.30000	-35.17000	27.72000	99.30000	4	Surface	Yes	Yes
12	16 E	-29.05000	19.83000	99.30000	-35.16000	27.72000	99.30000	10	Surface	Yes	Yes
13	16 F	-32.31000	17.49000	99.30000	-38.45000	25.38000	99.30000	10	Surface	Yes	Yes
14	16 G	-37.17000	14.01000	99.30000	-43.29000	21.90000	99.30000	10	Surface	Yes	Yes
15	10 A	8.00000	0.17000	97.10000	15.47000	6.32000	97.10000	10	Surface	Yes	Yes
16	10 B	15.48000	6.32000	97.10000	25.36000	-7.51000	97.10000	17	Surface	Yes	Yes
17	10 C	25.37000	-7.51000	97.10000	17.90000	-13.66000	97.10000	10	Surface	Yes	Yes
18	10 D	17.89000	-13.66000	97.10000	8.01000	0.17000	97.10000	17	Surface	Yes	Yes

**Displacement Grids**

Ref.	Name	Extrusion: Surface	Base line	Base line	Base	Base	Base	Base	Base	Extrusion: tunnels	Extrusion: tunnels
		Direction	start: X	start: Y	line start: Z (level)	line end: X	line end: Y	line end: Z (level)	line: Intervals	Distance	Intervals
			[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]	[No.]
1	XDISP	Global X	-45.00000	-15.00000	99.30000	-	30.00000	99.30000	45	75.00000	75



12 Pilgrims Lane  
 XDISP  
 Installation movements

Job No.	Sheet No.	Rev.
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Ref.	Name	Extrusion:	Base line	Base line	Base	Base	Base	Base	Base	Extrusion:	Extrusion:	
Surface	Calculate	Direction	start: X	start: Y	line	line	line	line	line:	Distance	Intervals	type
					start:	end:	end: Y	end:	Intervals			for
Surface	Yes											

**Polygonal Excavations**

Ref. 1  
 Excavation Name: New Instalation  
 Surface level [m]: 99.670  
 Contribution: Positive  
 Surface movement curves which are selected are applied between surface and [m]: 96.500

Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side:	Prev. Side:	Prev. Side:	Next Side:	Next Side:	Next Side:
	[m]	[m]	[m]			d	p1	p2*	d	p1	p2*
						[m]	[%]	[%]	[m]	[%]	[%]
1	-10.330	3.7800	96.500	Yes	No	-	-	-	-	-	-
2	-10.330	2.6800	96.500	Yes	No	-	-	-	-	-	-
3	-18.460	2.6800	96.500	Yes	No	-	-	-	-	-	-
4	-18.460	6.4000	96.500	Yes	No	-	-	-	-	-	-
5	-22.580	11.810	96.500	Yes	No	-	-	-	-	-	-
6	-18.600	14.660	96.500	Yes	No	-	-	-	-	-	-
7	-13.800	7.6900	96.500	Yes	No	-	-	-	-	-	-
8	-3.7600	7.6900	96.500	Yes	No	-	-	-	-	-	-
9	-3.7600	3.7800	96.500	Yes	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	-10.330	3.7800	-10.330	2.6800	No vertical ground movement	No horizontal ground movement
2	-10.330	2.6800	-18.460	2.6800	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
3	-18.460	2.6800	-18.460	6.4000	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
4	-18.460	6.4000	-22.580	11.810	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
5	-22.580	11.810	-18.600	14.660	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
6	-18.600	14.660	-13.800	7.6900	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
7	-13.800	7.6900	-3.7600	7.6900	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
8	-3.7600	7.6900	-3.7600	3.7800	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
9	-3.7600	3.7800	-10.330	3.7800	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))

**Circular Excavations**

**Vertical Ground Movement Curves**

Curve Name: No vertical ground movement  
 Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]  
 [0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
------	-----------	-----------	-----------	-----------	----------------------	------------------------

Curve Fitting Method: Polynomial  
x Order: 1  
y Order: 0  
Polynomial: z = 0.0x + 0.0  
Coeff. of Determination:

**Curve Name:** Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))  
**Coordinates:** [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.050] [0.050,0.000,0.047] [0.100,0.000,0.043] [0.150,0.000,0.040]  
[0.200,0.000,0.037] [0.250,0.000,0.034] [0.300,0.000,0.031] [0.350,0.000,0.028]  
[0.400,0.000,0.025] [0.450,0.000,0.022] [0.500,0.000,0.020] [0.550,0.000,0.018]  
[0.600,0.000,0.015] [0.650,0.000,0.013] [0.700,0.000,0.012] [0.750,0.000,0.010]  
[0.800,0.000,0.008] [0.850,0.000,0.007] [0.900,0.000,0.006] [0.950,0.000,0.005]  
[1.000,0.000,0.004] [1.050,0.000,0.003] [1.100,0.000,0.003] [1.150,0.000,0.002]  
[1.200,0.000,0.002] [1.250,0.000,0.001] [1.300,0.000,0.001] [1.350,0.000,0.001]  
[1.400,0.000,0.001] [1.450,0.000,0.000] [1.500,0.000,0.000]

Curve Fitting Method: Polynomial  
x Order: 4  
y Order: 0  
Polynomial: z = -1.2355E-2x<sup>4</sup> + 3.4814E-2x<sup>3</sup> - 2.8885E-3x<sup>2</sup> - 6.5618E-2x + 4.9987E-2  
Coeff. of Determination: 1.0000

### Horizontal Ground Movement Curves

**Curve Name:** No horizontal ground movement  
**Coordinates:** [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]  
[0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]

Curve Fitting Method: Polynomial  
x Order: 0  
y Order: 0  
Polynomial: z = 0.0  
Coeff. of Determination:

**Curve Name:** Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))  
**Coordinates:** [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]  
[0.000,0.000,0.050] [1.500,0.000,0.000]

Curve Fitting Method: Polynomial  
x Order: 1  
y Order: 0  
Polynomial: z = -3.33E-2x + 5.00E-2  
Coeff. of Determination: 1.00

### Damage Category Strains

Ref.	Name	0 (Negligible)	1 (Very Slight)	2 (Slight)	3 (Moderate)
		to	to	to	to
		1 (Very Slight)	2 (Slight)	3 (Moderate)	4 (Severe)
1	Burland Strain Limits	0.0	500.00E-6	750.00E-6	0.0015000

### Specific Buildings - Geometry

Ref.	Building Name	Sub-Building Name	Displacement Line	Distance Along	Distance Along	Vertical Offsets from	Vertical Displacement	Damage Category Strains
Poisson's Ratio	E/G	Name	Line	Line: Start	Line: End	Line for Vertical	Limit	





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			Movement Calculations		Sensitivity			
			[m]	[m]	[m]	[mm]		
1	14 A	14 A	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
2	14 B	14 B	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
3	14 C	14 C	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
4	14 D	14 D	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
5	14 E	14 E	0.00000	9.99100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
6	14 F	14 F	0.00000	9.99100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
7	14 G	14 G	0.00000	9.98500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
8	16 A	16 A	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
9	16 B	16 B	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
10	16 C	16 C	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
11	16 D	16 D	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
12	16 E	16 E	0.00000	9.97900	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
13	16 F	16 F	0.00000	9.99700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
14	16 G	16 G	0.00000	9.98500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
15	10 A	10 A	0.00000	9.67500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
16	10 B	10 B	0.00000	16.99600	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
17	10 C	10 C	0.00000	9.67500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
18	10 D	10 D	0.00000	16.99600	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							

**Specific Buildings - Bending Parameters**

Ref.	Building Name	Sub-Building Name	Height [m]	Default	Hogging: 2nd Mom. of Area (per unit width) [m³]	Hogging: Dist. of Bending Strain from N.A. [m]	Hogging: Dist. of N.A. from Edge of Beam in Tension [m]	Sagging: 2nd Mom. of Area (per unit width) [m³]	Sagging: Dist. of Bending Strain from N.A. [m]	Sagging: Dist. of N.A. from Edge of Beam in Tension [m]
1	14 A		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
2	14 B		3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
3	14 C		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
4	14 D		3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
5	14 E		3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
6	14 F		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
7	14 G		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
8	16 A		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
9	16 B		3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
10	16 C		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
11	16 D		3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
12	16 E		3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
13	16 F		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
14	16 G		6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
15	10 A		7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500
16	10 B		7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500
17	10 C		7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500
18	10 D		7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500



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Ref.	Building Name	Sub-Building Name	Height Default	Hogging: 2nd Mom. of Area	Hogging: Dist. of Bending	Hogging: Dist. of N.A. from	Sagging: 2nd Mom. of Area	Sagging: Dist. of Bending	Sagging: Dist. of N.A. from
			[m]	[m <sup>3</sup> ]	[m]	Tension [m]	[m <sup>3</sup> ]	[m]	Tension [m]



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**Titles**

Job No.: J21282  
 Job Title: 12 Pilgrims Lane  
 Sub-title: XDISP  
 Calculation Heading: Installation and excavation movements  
 Initials: AG  
 Checker:  
 Date Saved: 09-Dec-2024  
 Date Checked:  
 Notes:  
 File Name: XDisp - I and Ex.xdd  
 File Path: C:\Users\alex.goodsell\Documents\GMA J21282\Dec 2024

**History**

Date	Time	By	Notes
24-Jun-2022	12:56	Alex.Goodsell	New
24-Jun-2022	15:32	Alex.Goodsell	
24-Jun-2022	16:01	Alex.Goodsell	
09-Dec-2024	17:06	Alex.Goodsell	
09-Dec-2024	18:28	Alex.Goodsell	
11-Dec-2024	17:48	Alex.Goodsell	
11-Dec-2024	17:55	Alex.Goodsell	Open

**Displacement Lines**

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface type for tunnels	Interpolate imported for displacements	Calculate
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]			
1	14 A	-31.01000	6.12000	99.30000	-26.15000	9.60000	99.30000	6	Surface	Yes	Yes
2	14 B	-26.16000	9.60000	99.30000	-22.89000	11.94000	99.30000	4	Surface	Yes	Yes
3	14 C	-32.41000	8.08000	99.30000	-27.55000	11.56000	99.30000	6	Surface	Yes	Yes
4	14 D	-27.56000	11.56000	99.30000	-24.29000	13.90000	99.30000	4	Surface	Yes	Yes
5	14 E	-22.90000	11.94000	99.30000	-29.03000	19.83000	99.30000	10	Surface	Yes	Yes
6	14 F	-31.02000	6.12000	99.30000	-37.15000	14.01000	99.30000	10	Surface	Yes	Yes
7	14 G	-26.17000	9.60000	99.30000	-32.29000	17.49000	99.30000	10	Surface	Yes	Yes
8	16 A	-37.16000	14.01000	99.30000	-32.30000	17.49000	99.30000	6	Surface	Yes	Yes
9	16 B	-32.31000	17.49000	99.30000	-29.04000	19.83000	99.30000	4	Surface	Yes	Yes
10	16 C	-43.29000	21.90000	99.30000	-38.43000	25.38000	99.30000	6	Surface	Yes	Yes
11	16 D	-38.44000	25.38000	99.30000	-35.17000	27.72000	99.30000	4	Surface	Yes	Yes
12	16 E	-29.05000	19.83000	99.30000	-35.16000	27.72000	99.30000	10	Surface	Yes	Yes
13	16 F	-32.31000	17.49000	99.30000	-38.45000	25.38000	99.30000	10	Surface	Yes	Yes
14	16 G	-37.17000	14.01000	99.30000	-43.29000	21.90000	99.30000	10	Surface	Yes	Yes
15	10 A	8.00000	0.17000	97.10000	15.47000	6.32000	97.10000	10	Surface	Yes	Yes
16	10 B	15.48000	6.32000	97.10000	25.36000	-7.51000	97.10000	17	Surface	Yes	Yes
17	10 C	25.37000	-7.51000	97.10000	17.90000	-13.66000	97.10000	10	Surface	Yes	Yes
18	10 D	17.89000	-13.66000	97.10000	8.01000	0.17000	97.10000	17	Surface	Yes	Yes

**Displacement Grids**

Ref.	Name	Extrusion: Surface	Base line	Base line	Base	Base	Base	Base	Base	Extrusion:	Extrusion:		
		Calculate	Direction	start: X	start: Y	line start: Z (level)	line end: X	line end: Y	line end: Z (level)	Distance	Intervals	type for tunnels	
				[m]	[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]	[No.]



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Ref.	Name	Extrusion:	Base line	Base line	Base	Base	Base	Base	Base	Extrusion:	Extrusion:	
Surface	Calculate	Direction	start: X	start: Y	line	line	line	line	line:	Distance	Intervals	type
					start:	end:	end: Y	end:	Intervals			for
1	XDISP	Global X	-45.00000	-15.00000	99.30000	-	30.00000	99.30000	45	75.00000	75	
Surface Yes												

**Polygonal Excavations**

Ref. 1  
**Excavation Name:** New Instalation  
 Surface level [m]: 99.670  
 Contribution: Positive  
 Surface movement curves which are selected are applied between surface and [m]: 96.500

Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side: d	Prev. Side: p1	Prev. Side: p2*	Next Side: d	Next Side: p1	Next Side: p2*
	[m]	[m]	[m]			[m]	[%]	[%]	[m]	[%]	[%]
1	-10.330	3.7800	96.500	Yes	No	-	-	-	-	-	-
2	-10.330	2.6800	96.500	Yes	No	-	-	-	-	-	-
3	-18.460	2.6800	96.500	Yes	No	-	-	-	-	-	-
4	-18.460	6.4000	96.500	Yes	No	-	-	-	-	-	-
5	-22.580	11.810	96.500	Yes	No	-	-	-	-	-	-
6	-18.600	14.660	96.500	Yes	No	-	-	-	-	-	-
7	-13.800	7.6900	96.500	Yes	No	-	-	-	-	-	-
8	-3.7600	7.6900	96.500	Yes	No	-	-	-	-	-	-
9	-3.7600	3.7800	96.500	Yes	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	-10.330	3.7800	-10.330	2.6800	No vertical ground movement	No horizontal ground movement
2	-10.330	2.6800	-18.460	2.6800	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
3	-18.460	2.6800	-18.460	6.4000	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
4	-18.460	6.4000	-22.580	11.810	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
5	-22.580	11.810	-18.600	14.660	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
6	-18.600	14.660	-13.800	7.6900	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
7	-13.800	7.6900	-3.7600	7.6900	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
8	-3.7600	7.6900	-3.7600	3.7800	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
9	-3.7600	3.7800	-10.330	3.7800	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))

Ref. 2  
**Excavation Name:** New Excavation  
 Surface level [m]: 99.670  
 Contribution: Positive  
 Surface movement curves which are selected are applied between surface and [m]: 96.500

Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side:	Prev. Side:	Prev. Side:	Next Side:	Next Side:	Next Side:
						Side: d	Side: p1	Side: p2*	Side: d	Side: p1	Side: p2*



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	[m]	[m]	[m]			d [m]	p1 [%]	p2* [%]	d [m]	p1 [%]	p2* [%]
1	-10.330	3.7800	96.500	Yes	No	-	-	-	-	-	-
2	-10.330	2.6800	96.500	Yes	No	-	-	-	-	-	-
3	-18.460	2.6800	96.500	Yes	No	-	-	-	-	-	-
4	-18.460	6.4000	96.500	Yes	No	-	-	-	-	-	-
5	-22.580	11.810	96.500	Yes	No	-	-	-	-	-	-
6	-18.600	14.660	96.500	Yes	No	-	-	-	-	-	-
7	-13.800	7.6900	96.500	Yes	No	-	-	-	-	-	-
8	-3.7600	7.6900	96.500	Yes	No	-	-	-	-	-	-
9	-3.7600	3.7800	96.500	Yes	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	-10.330	3.7800	-10.330	2.6800	No vertical ground movement	No horizontal ground movement
2	-10.330	2.6800	-18.460	2.6800	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
3	-18.460	2.6800	-18.460	6.4000	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
4	-18.460	6.4000	-22.580	11.810	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
5	-22.580	11.810	-18.600	14.660	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
6	-18.600	14.660	-13.800	7.6900	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
7	-13.800	7.6900	-3.7600	7.6900	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
8	-3.7600	7.6900	-3.7600	3.7800	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
9	-3.7600	3.7800	-10.330	3.7800	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))

**Circular Excavations**

**Vertical Ground Movement Curves**

**Curve Name:** No vertical ground movement  
**Coordinates:** [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]  
 [0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]  
**Curve Fitting Method:** Polynomial  
**x Order:** 1  
**y Order:** 0  
**Polynomial:** z = 0.0x + 0.0  
**Coeff. of Determination:**

**Curve Name:** Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))  
**Coordinates:** [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]  
 [0.000,0.000,0.050] [0.050,0.000,0.047] [0.100,0.000,0.043] [0.150,0.000,0.040]  
 [0.200,0.000,0.037] [0.250,0.000,0.034] [0.300,0.000,0.031] [0.350,0.000,0.028]  
 [0.400,0.000,0.025] [0.450,0.000,0.022] [0.500,0.000,0.020] [0.550,0.000,0.018]  
 [0.600,0.000,0.015] [0.650,0.000,0.013] [0.700,0.000,0.012] [0.750,0.000,0.010]  
 [0.800,0.000,0.008] [0.850,0.000,0.007] [0.900,0.000,0.006] [0.950,0.000,0.005]



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Table with columns: Side, x1 [m], y1 [m], x2 [m], y2 [m], G.M. Curve: Vertical, G.M. Curve: Horizontal. Contains coordinate data for vertical and horizontal ground movements.

Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = -1.2355E-2x^4 + 3.4814E-2x^3 - 2.8885E-3x^2 - 6.5618E-2x + 4.9987E-2
Coeff. of Determination: 1.0000

Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

Table of coordinates for the curve: [0.000,0.000,0.039] [0.100,0.000,0.049] [0.200,0.000,0.056] [0.300,0.000,0.062] [0.400,0.000,0.067] [0.500,0.000,0.070] [0.600,0.000,0.072] [0.700,0.000,0.073] [0.800,0.000,0.073] [0.900,0.000,0.072] [1.000,0.000,0.070] [1.100,0.000,0.068] [1.200,0.000,0.065] [1.300,0.000,0.061] [1.400,0.000,0.058] [1.500,0.000,0.054] [1.600,0.000,0.050] [1.700,0.000,0.046] [1.800,0.000,0.042] [1.900,0.000,0.038] [2.000,0.000,0.034] [2.100,0.000,0.030] [2.200,0.000,0.027] [2.300,0.000,0.023] [2.400,0.000,0.020] [2.500,0.000,0.017] [2.600,0.000,0.014] [2.700,0.000,0.012] [2.800,0.000,0.010] [2.900,0.000,0.008] [3.000,0.000,0.007] [3.100,0.000,0.005] [3.200,0.000,0.004] [3.300,0.000,0.004] [3.400,0.000,0.003] [3.500,0.000,0.002] [3.600,0.000,0.002] [3.700,0.000,0.002] [3.800,0.000,0.001] [3.900,0.000,0.001] [4.000,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = -2.6455E-3x^4 + 2.8495E-2x^3 - 1.0051E-1x^2 + 1.0569E-1x + 3.8990E-2
Coeff. of Determination: 9.9991E-1

Horizontal Ground Movement Curves

Curve Name: No horizontal ground movement
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]

Curve Fitting Method: Polynomial
x Order: 0
y Order: 0
Polynomial: z = 0.0
Coeff. of Determination: 0.0

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -3.33E-2x + 5.00E-2
Coeff. of Determination: 1.00

Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C580 Fig. 2.11(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -3.75E-2x + 1.50E-1
Coeff. of Determination: 1.00



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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
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**Damage Category Strains**

Ref.	Name	0 (Negligible) to 1 (Very Slight)	1 (Very Slight) to 2 (Slight)	2 (Slight) to 3 (Moderate)	3 (Moderate) to 4 (Severe)
1	Burland Strain Limits	0.0	500.00E-6	750.00E-6	0.0015000

**Specific Buildings - Geometry**

Ref.	Building Poisson's Ratio	Sub-Building E/G Name	Displacement Line	Distance Along	Distance Along	Vertical Offsets from	Vertical Displacement	Damage Category Strains
				Line: Start [m]	Line: End [m]	Line for Vertical Movement Calculations [m]	Limit Sensitivity [mm]	
1	14 A	14 A	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
2	14 B	14 B	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
3	14 C	14 C	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
4	14 D	14 D	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
5	14 E	14 E	0.00000	9.99100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
6	14 F	14 F	0.00000	9.99100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
7	14 G	14 G	0.00000	9.98500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
8	16 A	16 A	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
9	16 B	16 B	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
10	16 C	16 C	0.00000	5.97700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
11	16 D	16 D	0.00000	4.02100	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
12	16 E	16 E	0.00000	9.97900	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
13	16 F	16 F	0.00000	9.99700	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
14	16 G	16 G	0.00000	9.98500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
15	10 A	10 A	0.00000	9.67500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
16	10 B	10 B	0.00000	16.99600	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
17	10 C	10 C	0.00000	9.67500	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							
18	10 D	10 D	0.00000	16.99600	0.0	0.10000	Burland Strain Limits	
0.20000	2.6000							

**Specific Buildings - Bending Parameters**

Ref.	Building Name	Sub-Building Name	Height Default	Hogging: 2nd Mom. of Area (per unit width)	Hogging: Dist. of Bending Strain from N.A.	Hogging: Dist. of N.A. from Edge of Beam in Tension	Sagging: 2nd Mom. of Area (per unit width)	Sagging: Dist. of Bending Strain from N.A.	Sagging: Dist. of N.A. from Edge of Beam in Tension
			[m]	[m³]	[m]	[m]	[m³]	[m]	[m]



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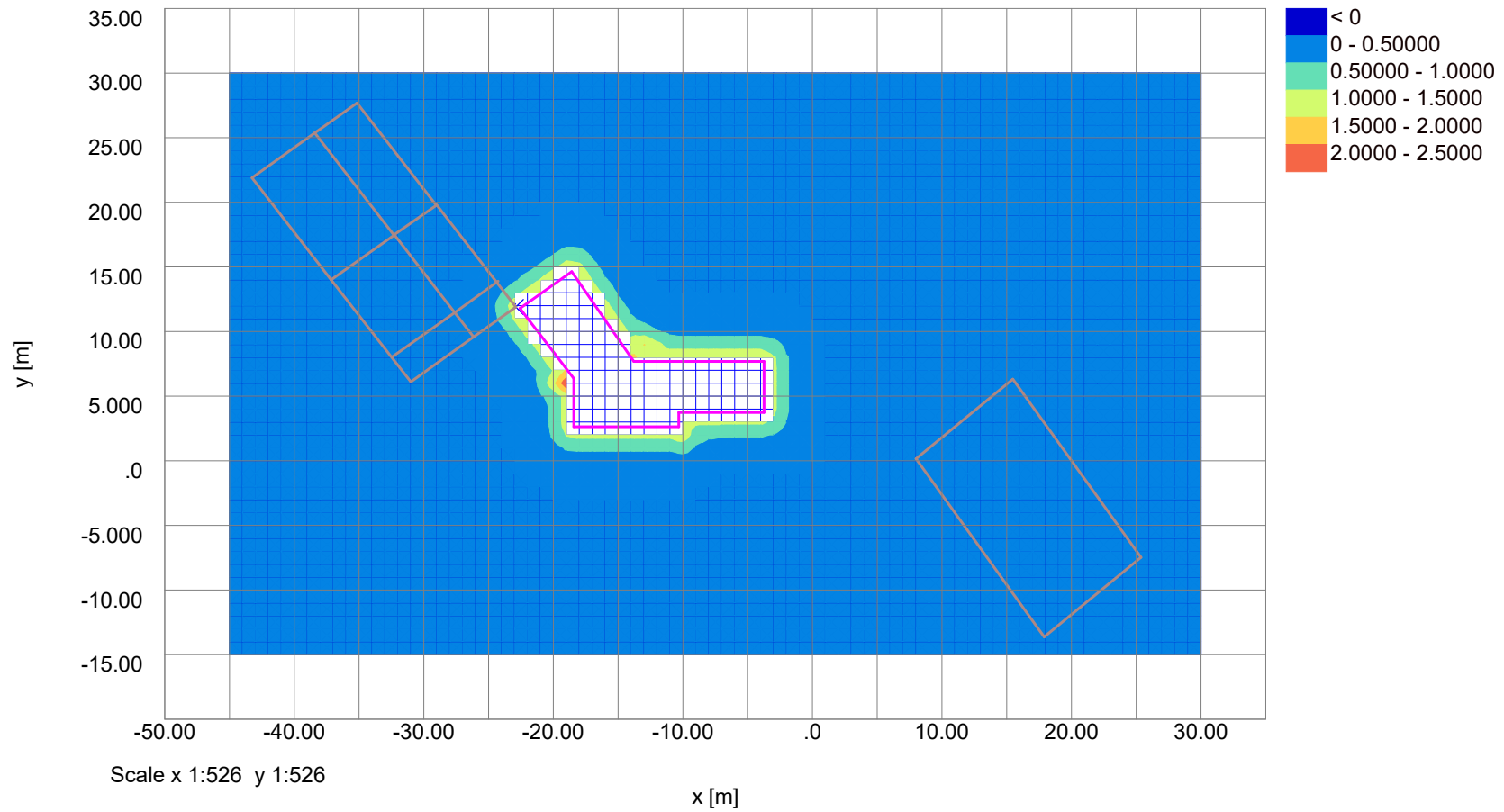
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1	14 A	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
2	14 B	3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
3	14 C	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
4	14 D	3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
5	14 E	3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
6	14 F	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
7	14 G	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
8	16 A	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
9	16 B	3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
10	16 C	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
11	16 D	3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
12	16 E	3.7000	Yes	16.884	3.7000	3.7000	4.2211	1.8500	1.8500
13	16 F	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
14	16 G	6.5000	Yes	91.542	6.5000	6.5000	22.885	3.2500	3.2500
15	10 A	7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500
16	10 B	7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500
17	10 C	7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500
18	10 D	7.1000	Yes	119.30	7.1000	7.1000	29.826	3.5500	3.5500



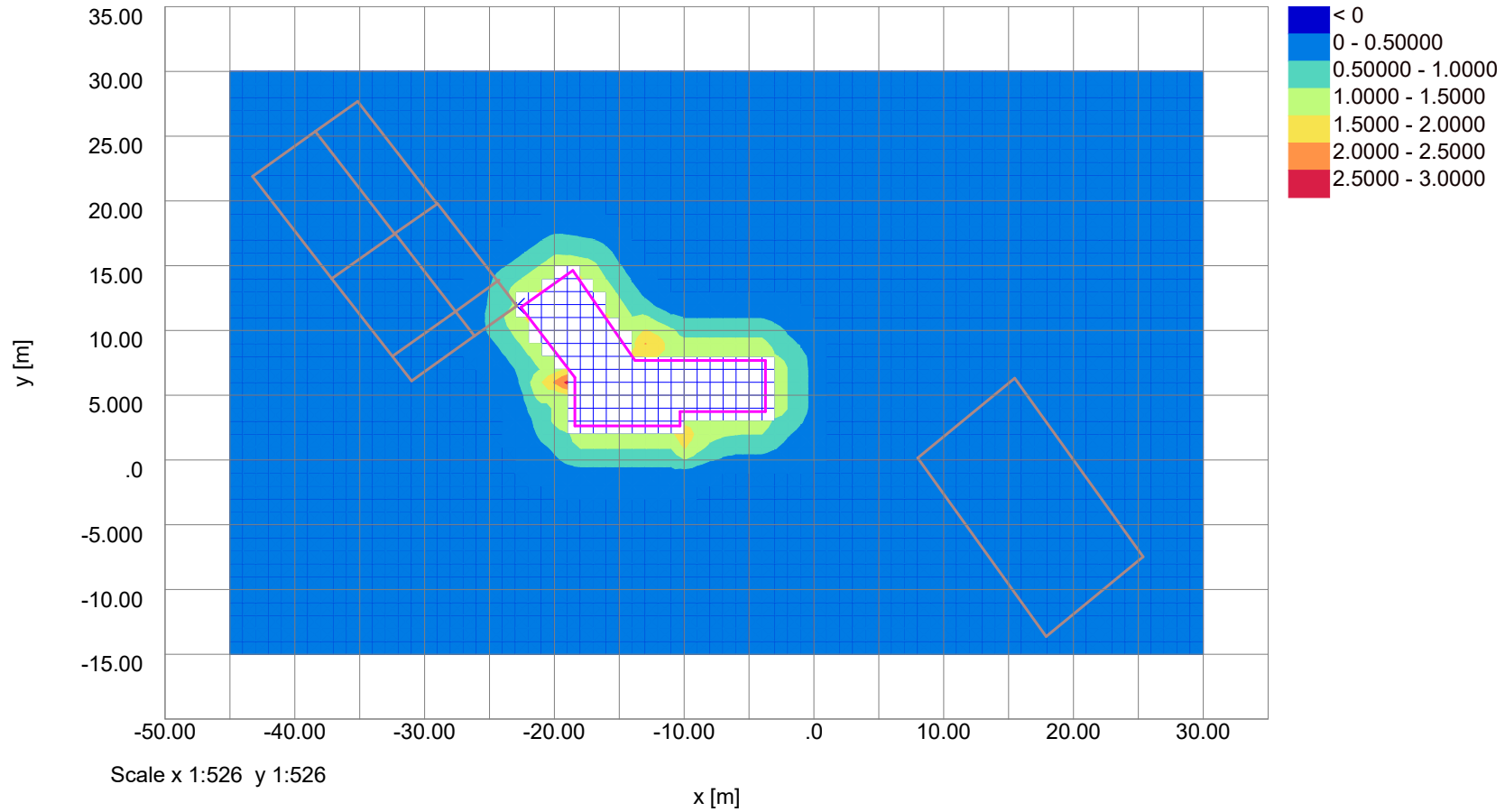
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Vertical Settlement Contours: Grid 1 (level 99.300m) (Interval 0.5mm)



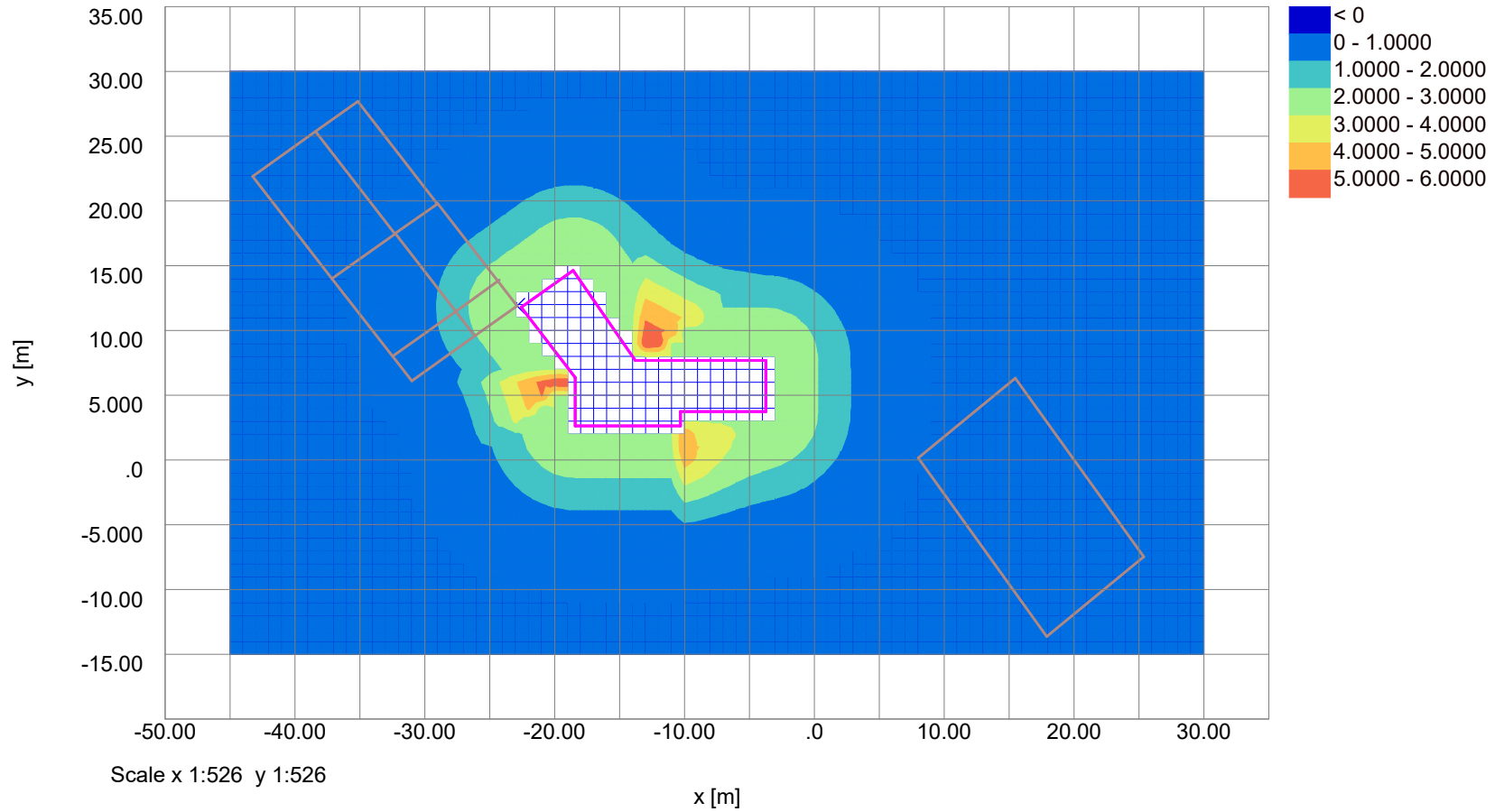
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Horizontal Displacement Contours: Grid 1 (level 99.300m) Interval 0.5mm



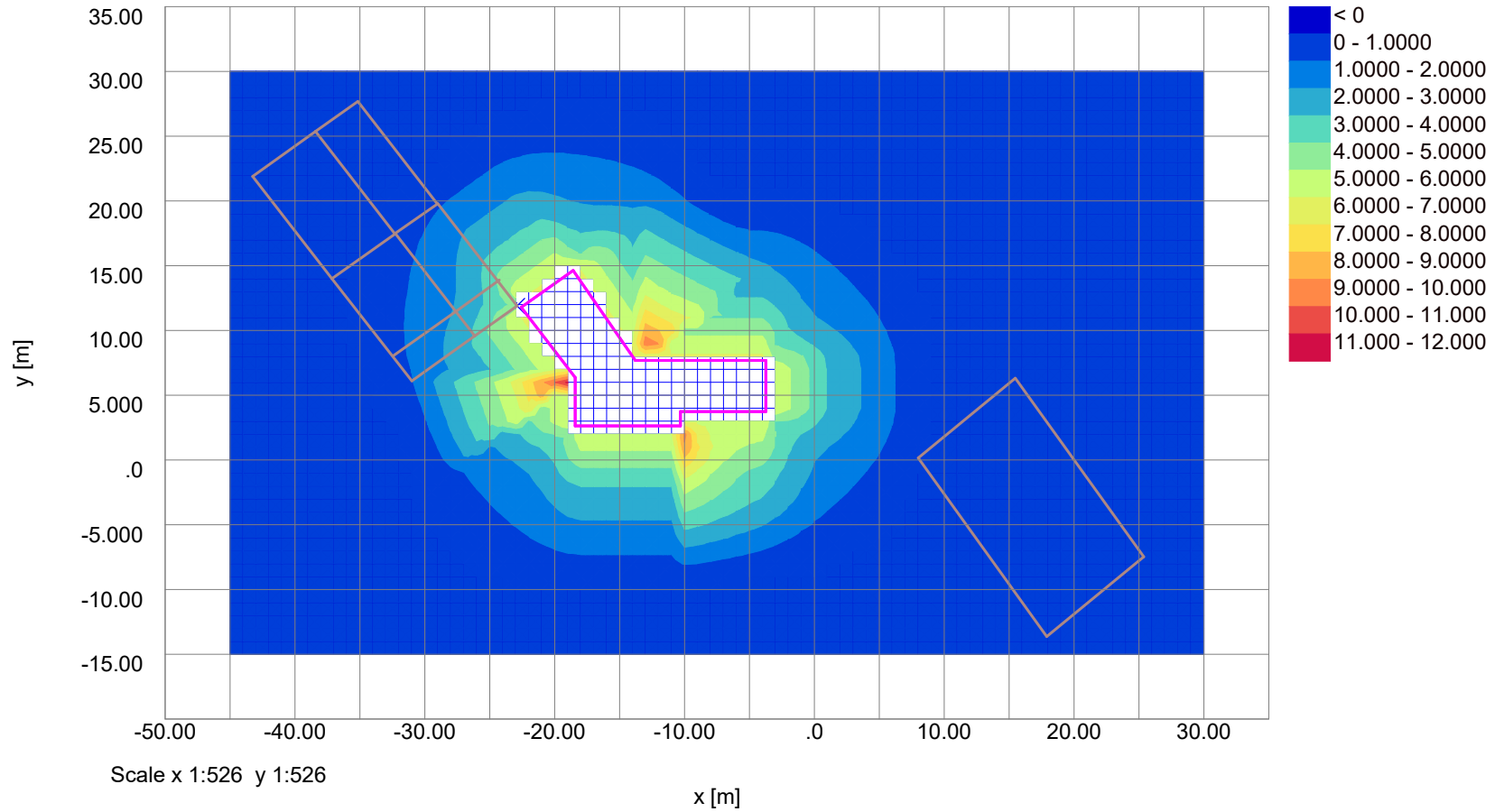
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Vertical Settlement Contours: Grid 1 (level 99.300m) (Interval 1mm)



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Horizontal Displacement Contours: Grid 1 (level 99.300m) Interval 1mm





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**Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building**

Stage: Min Radius of Curvature (Hogging)	Stage: Min Radius of Curvature (Sagging)	Name of Building: Ref.	Specific Damage Category: Building: Ref. Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve
0	Base Model 2	14	B		0.0	0.0053516	0.0010094	-534.60E-6	1.3642	0.0067433	471.60E-6	-534.60E-6
-	- 0 (Negligible)	4	D		0.0	0.0	-0.012743	-83.293E-6	0.22215	0.0025486	127.44E-6	-83.293E-6
-	- 0 (Negligible)	5	E		0.0	0.0061315	0.016670	582.74E-6	1.3582	0.023211	-312.64E-6	582.74E-6
-	- 0 (Negligible)											



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**Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building**

Stage:	Stage:	Name	Specific	Specific	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max Gradient of	Max Gradient of
Min Radius	Min Radius	Damage	Category			Offset from	Ratio	Horizontal		Settlement	Tensile	Horizontal	Vertical
of	of	Building:	Building:		Name	Line for		Strain			Strain	Displacement	Displacement
Curvature	Curvature	Ref.	Name			Vertical						Curve	Curve
(Hogging)	(Sagging)					Movement							
						Calculations							
[m]	[m]					[m]	[%]	[%]		[mm]	[%]		
0	Base Model	1	14	A		0.0	0.0047254	0.050377	-412.76E-6	1.9528	0.050377	-503.51E-6	-412.76E-6
-	- 1 (Very Slight)	2	14	B		0.0	0.0062206	-0.026036	-380.03E-6	2.9284	0.0059206	0.0024488	-380.03E-6
-	- 0 (Negligible)	3	14	C		0.0	0.0041754	0.020277	-353.29E-6	1.6291	0.024858	-276.37E-6	-353.29E-6
-	- 0 (Negligible)	4	14	D		0.0	0.0040586	-0.040351	-335.03E-6	2.5145	0.0082697	914.05E-6	-335.03E-6
-	- 0 (Negligible)	5	14	E		0.0	0.0059600	0.036273	413.65E-6	2.9226	0.043059	868.91E-6	413.65E-6
-	- 0 (Negligible)	6	14	F		0.0	143.49E-6	-0.0031632	21.251E-6	0.14615	637.83E-6	39.165E-6	21.251E-6
-	- 0 (Negligible)	7	14	G		0.0	0.0031454	-0.022980	291.36E-6	1.9461	0.016414	436.64E-6	291.36E-6
-	- 0 (Negligible)	9	16	B		0.0	135.61E-6	-0.0044001	-16.145E-6	0.12462	883.02E-6	49.820E-6	-16.145E-6
-	- 0 (Negligible)	12	16	E		0.0	0.0	0.0	55.409E-6	0.12412	35.763E-9	-360.65E-6	55.409E-6



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