



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	49.00000	0.00000	48.40000	-1.06561	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	0.00000	48.40000	-1.03449	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	0.00000	48.40000	-1.00268	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	0.00000	48.40000	-0.97038	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	0.00000	48.40000	-0.93778	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	0.00000	48.40000	-0.90505	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	0.00000	48.40000	-0.87235	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	0.00000	48.40000	-0.83983	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	0.00000	48.40000	-0.80760	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	0.00000	48.40000	-0.77579	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	0.00000	48.40000	-0.74448	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	0.00000	48.40000	-0.71376	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	1.00000	48.40000	-0.45291	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	1.00000	48.40000	-0.47614	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	1.00000	48.40000	-0.50031	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	1.00000	48.40000	-0.52543	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	1.00000	48.40000	-0.55149	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	1.00000	48.40000	-0.57851	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	1.00000	48.40000	-0.60648	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	1.00000	48.40000	-0.63538	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	1.00000	48.40000	-0.66521	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	1.00000	48.40000	-0.69594	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	1.00000	48.40000	-0.72753	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	1.00000	48.40000	-0.75993	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	1.00000	48.40000	-0.79310	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	1.00000	48.40000	-0.82696	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	1.00000	48.40000	-0.86143	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	1.00000	48.40000	-0.89641	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	1.00000	48.40000	-0.93179	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	1.00000	48.40000	-0.96743	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	1.00000	48.40000	-1.00319	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	1.00000	48.40000	-1.03890	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	1.00000	48.40000	-1.07437	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	1.00000	48.40000	-1.10940	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	1.00000	48.40000	-1.14377	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	1.00000	48.40000	-1.17723	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	1.00000	48.40000	-1.20955	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	1.00000	48.40000	-1.24045	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	1.00000	48.40000	-1.26968	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	1.00000	48.40000	-1.29696	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	1.00000	48.40000	-1.32203	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	1.00000	48.40000	-1.34464	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	1.00000	48.40000	-1.36455	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	1.00000	48.40000	-1.38152	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	1.00000	48.40000	-1.39538	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	1.00000	48.40000	-1.40595	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	1.00000	48.40000	-1.41311	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	1.00000	48.40000	-1.41677	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	1.00000	48.40000	-1.41689	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	1.00000	48.40000	-1.41345	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	1.00000	48.40000	-1.40649	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	1.00000	48.40000	-1.39610	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	1.00000	48.40000	-1.38239	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	1.00000	48.40000	-1.36552	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	1.00000	48.40000	-1.34568	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	1.00000	48.40000	-1.32308	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	1.00000	48.40000	-1.29796	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	1.00000	48.40000	-1.27059	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	1.00000	48.40000	-1.24121	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	1.00000	48.40000	-1.21011	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	1.00000	48.40000	-1.17756	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	1.00000	48.40000	-1.14382	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	1.00000	48.40000	-1.10915	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	1.00000	48.40000	-1.07380	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	1.00000	48.40000	-1.03798	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	1.00000	48.40000	-1.00192	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	1.00000	48.40000	-0.96580	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	1.00000	48.40000	-0.92981	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	1.00000	48.40000	-0.89409	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	1.00000	48.40000	-0.85878	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	1.00000	48.40000	-0.82400	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No.	Sheet No.	Rev.
D J23332		
Drg. Ref.		
Made by AT	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 ²]	[kN/m ²]	[μ]
1	Grid 1	59.00000	1.00000	48.40000	-0.78985	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	1.00000	48.40000	-0.75642	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	2.00000	48.40000	-0.47482	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	2.00000	48.40000	-0.49959	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	2.00000	48.40000	-0.52539	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	2.00000	48.40000	-0.55225	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	2.00000	48.40000	-0.58017	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	2.00000	48.40000	-0.60916	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	2.00000	48.40000	-0.63922	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	2.00000	48.40000	-0.67035	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	2.00000	48.40000	-0.70254	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	2.00000	48.40000	-0.73575	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	2.00000	48.40000	-0.76998	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	2.00000	48.40000	-0.80516	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	2.00000	48.40000	-0.84125	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	2.00000	48.40000	-0.87818	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	2.00000	48.40000	-0.91586	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	2.00000	48.40000	-0.95419	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	2.00000	48.40000	-0.99305	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	2.00000	48.40000	-1.03230	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	2.00000	48.40000	-1.07179	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	2.00000	48.40000	-1.11132	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	2.00000	48.40000	-1.15069	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	2.00000	48.40000	-1.18967	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	2.00000	48.40000	-1.22800	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	2.00000	48.40000	-1.26543	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	2.00000	48.40000	-1.30167	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	2.00000	48.40000	-1.33640	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	2.00000	48.40000	-1.36932	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	2.00000	48.40000	-1.40012	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	2.00000	48.40000	-1.42848	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	2.00000	48.40000	-1.45410	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	2.00000	48.40000	-1.47669	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	2.00000	48.40000	-1.49599	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	2.00000	48.40000	-1.51176	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	2.00000	48.40000	-1.52381	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	2.00000	48.40000	-1.53199	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	2.00000	48.40000	-1.53618	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	2.00000	48.40000	-1.53634	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	2.00000	48.40000	-1.53244	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	2.00000	48.40000	-1.52455	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	2.00000	48.40000	-1.51274	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	2.00000	48.40000	-1.49717	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	2.00000	48.40000	-1.47803	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	2.00000	48.40000	-1.45553	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	2.00000	48.40000	-1.42995	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	2.00000	48.40000	-1.40155	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	2.00000	48.40000	-1.37066	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	2.00000	48.40000	-1.33757	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	2.00000	48.40000	-1.30262	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	2.00000	48.40000	-1.26611	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	2.00000	48.40000	-1.22836	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	2.00000	48.40000	-1.18966	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	2.00000	48.40000	-1.15030	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	2.00000	48.40000	-1.11053	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	2.00000	48.40000	-1.07059	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	2.00000	48.40000	-1.03069	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	2.00000	48.40000	-0.99103	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	2.00000	48.40000	-0.95177	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	2.00000	48.40000	-0.91306	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	2.00000	48.40000	-0.87502	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	2.00000	48.40000	-0.83777	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	2.00000	48.40000	-0.80138	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	3.00000	48.40000	-0.49747	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	3.00000	48.40000	-0.52386	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	3.00000	48.40000	-0.55139	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	3.00000	48.40000	-0.58009	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	3.00000	48.40000	-0.60999	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	3.00000	48.40000	-0.64108	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	3.00000	48.40000	-0.67338	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	3.00000	48.40000	-0.70689	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	8.00000	3.00000	48.40000	-0.74161	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	3.00000	48.40000	-0.77752	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	3.00000	48.40000	-0.81459	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	3.00000	48.40000	-0.85279	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	3.00000	48.40000	-0.89206	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	3.00000	48.40000	-0.93234	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	3.00000	48.40000	-0.97355	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	3.00000	48.40000	-1.01558	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	3.00000	48.40000	-1.05830	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	3.00000	48.40000	-1.10156	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	3.00000	48.40000	-1.14520	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	3.00000	48.40000	-1.18902	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	3.00000	48.40000	-1.23277	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	3.00000	48.40000	-1.27622	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	3.00000	48.40000	-1.31908	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	3.00000	48.40000	-1.36103	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	3.00000	48.40000	-1.40175	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	3.00000	48.40000	-1.44088	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	3.00000	48.40000	-1.47807	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	3.00000	48.40000	-1.51294	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	3.00000	48.40000	-1.54512	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	3.00000	48.40000	-1.57425	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	3.00000	48.40000	-1.59998	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	3.00000	48.40000	-1.62200	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	3.00000	48.40000	-1.64003	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	3.00000	48.40000	-1.65382	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	3.00000	48.40000	-1.66319	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	3.00000	48.40000	-1.66802	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	3.00000	48.40000	-1.66822	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	3.00000	48.40000	-1.66379	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	3.00000	48.40000	-1.65479	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	3.00000	48.40000	-1.64134	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	3.00000	48.40000	-1.62359	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	3.00000	48.40000	-1.60179	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	3.00000	48.40000	-1.57620	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	3.00000	48.40000	-1.54713	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	3.00000	48.40000	-1.51493	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	3.00000	48.40000	-1.47995	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	3.00000	48.40000	-1.44258	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	3.00000	48.40000	-1.40319	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	3.00000	48.40000	-1.36214	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	3.00000	48.40000	-1.31981	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	3.00000	48.40000	-1.27654	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	3.00000	48.40000	-1.23264	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	3.00000	48.40000	-1.18841	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	3.00000	48.40000	-1.14411	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	3.00000	48.40000	-1.09998	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	3.00000	48.40000	-1.05624	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	3.00000	48.40000	-1.01306	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	3.00000	48.40000	-0.97060	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	3.00000	48.40000	-0.92898	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	3.00000	48.40000	-0.88832	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	3.00000	48.40000	-0.84871	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	4.00000	48.40000	-0.52084	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	4.00000	48.40000	-0.54893	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	4.00000	48.40000	-0.57830	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	4.00000	48.40000	-0.60896	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	4.00000	48.40000	-0.64094	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	4.00000	48.40000	-0.67427	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	4.00000	48.40000	-0.70897	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	4.00000	48.40000	-0.74503	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	4.00000	48.40000	-0.78247	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	4.00000	48.40000	-0.82128	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	4.00000	48.40000	-0.86143	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	4.00000	48.40000	-0.90290	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	4.00000	48.40000	-0.94564	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	4.00000	48.40000	-0.98959	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	4.00000	48.40000	-1.03467	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	4.00000	48.40000	-1.08077	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	4.00000	48.40000	-1.12776	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	4.00000	48.40000	-1.17549	48.317	0.0	0.0	0.0



68 Elsworthy Road

GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	18.00000	4.00000	48.40000	-1.22377	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	4.00000	48.40000	-1.27239	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	4.00000	48.40000	-1.32110	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	4.00000	48.40000	-1.36961	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	4.00000	48.40000	-1.41761	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	4.00000	48.40000	-1.46474	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	4.00000	48.40000	-1.51062	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	4.00000	48.40000	-1.55484	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	4.00000	48.40000	-1.59698	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	4.00000	48.40000	-1.63659	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	4.00000	48.40000	-1.67323	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	4.00000	48.40000	-1.70647	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	4.00000	48.40000	-1.73589	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	4.00000	48.40000	-1.76111	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	4.00000	48.40000	-1.78179	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	4.00000	48.40000	-1.79764	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	4.00000	48.40000	-1.80843	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	4.00000	48.40000	-1.81400	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	4.00000	48.40000	-1.81427	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	4.00000	48.40000	-1.80922	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	4.00000	48.40000	-1.79893	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	4.00000	48.40000	-1.78352	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	4.00000	48.40000	-1.76322	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	4.00000	48.40000	-1.73829	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	4.00000	48.40000	-1.70907	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	4.00000	48.40000	-1.67592	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	4.00000	48.40000	-1.63927	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	4.00000	48.40000	-1.59955	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	4.00000	48.40000	-1.55720	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	4.00000	48.40000	-1.51268	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	4.00000	48.40000	-1.46642	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	4.00000	48.40000	-1.41884	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	4.00000	48.40000	-1.37034	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	4.00000	48.40000	-1.32129	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	4.00000	48.40000	-1.27202	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	4.00000	48.40000	-1.22282	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	4.00000	48.40000	-1.17397	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	4.00000	48.40000	-1.12568	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	4.00000	48.40000	-1.07815	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	4.00000	48.40000	-1.03155	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	4.00000	48.40000	-0.98600	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	4.00000	48.40000	-0.94162	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	4.00000	48.40000	-0.89849	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	5.00000	48.40000	-0.54491	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	5.00000	48.40000	-0.57481	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	5.00000	48.40000	-0.60610	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	5.00000	48.40000	-0.63883	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	5.00000	48.40000	-0.67303	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	5.00000	48.40000	-0.70875	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	5.00000	48.40000	-0.74599	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	5.00000	48.40000	-0.78478	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	5.00000	48.40000	-0.82514	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	5.00000	48.40000	-0.86707	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	5.00000	48.40000	-0.91055	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	5.00000	48.40000	-0.95557	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	5.00000	48.40000	-1.00208	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	5.00000	48.40000	-1.05004	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	5.00000	48.40000	-1.09936	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	5.00000	48.40000	-1.14995	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	5.00000	48.40000	-1.20167	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	5.00000	48.40000	-1.25437	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	5.00000	48.40000	-1.30785	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	5.00000	48.40000	-1.36187	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	5.00000	48.40000	-1.41618	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	5.00000	48.40000	-1.47044	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	5.00000	48.40000	-1.52431	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	5.00000	48.40000	-1.57738	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	5.00000	48.40000	-1.62921	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	5.00000	48.40000	-1.67933	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	5.00000	48.40000	-1.72723	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	5.00000	48.40000	-1.77238	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	28.00000	5.00000	48.40000	-1.81426	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	5.00000	48.40000	-1.85234	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	5.00000	48.40000	-1.88612	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	5.00000	48.40000	-1.91514	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	5.00000	48.40000	-1.93897	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	5.00000	48.40000	-1.95726	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	5.00000	48.40000	-1.96974	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	5.00000	48.40000	-1.97621	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	5.00000	48.40000	-1.97656	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	5.00000	48.40000	-1.97078	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	5.00000	48.40000	-1.95895	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	5.00000	48.40000	-1.94124	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	5.00000	48.40000	-1.91791	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	5.00000	48.40000	-1.88929	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	5.00000	48.40000	-1.85578	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	5.00000	48.40000	-1.81784	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	5.00000	48.40000	-1.77596	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	5.00000	48.40000	-1.73069	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	5.00000	48.40000	-1.68254	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	5.00000	48.40000	-1.63206	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	5.00000	48.40000	-1.57977	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	5.00000	48.40000	-1.52616	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	5.00000	48.40000	-1.47169	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	5.00000	48.40000	-1.41677	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	5.00000	48.40000	-1.36180	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	5.00000	48.40000	-1.30709	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	5.00000	48.40000	-1.25294	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	5.00000	48.40000	-1.19958	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	5.00000	48.40000	-1.14724	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	5.00000	48.40000	-1.09606	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	5.00000	48.40000	-1.04620	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	5.00000	48.40000	-0.99775	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	5.00000	48.40000	-0.95079	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	6.00000	48.40000	-0.56968	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	6.00000	48.40000	-0.60146	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	6.00000	48.40000	-0.63478	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	6.00000	48.40000	-0.66970	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	6.00000	48.40000	-0.70625	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	6.00000	48.40000	-0.74449	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	6.00000	48.40000	-0.78445	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	6.00000	48.40000	-0.82615	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	6.00000	48.40000	-0.86964	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	6.00000	48.40000	-0.91492	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	6.00000	48.40000	-0.96199	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	6.00000	48.40000	-1.01085	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	6.00000	48.40000	-1.06147	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	6.00000	48.40000	-1.11380	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	6.00000	48.40000	-1.16778	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	6.00000	48.40000	-1.22331	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	6.00000	48.40000	-1.28027	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	6.00000	48.40000	-1.33850	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	6.00000	48.40000	-1.39779	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	6.00000	48.40000	-1.45790	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	6.00000	48.40000	-1.51854	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	6.00000	48.40000	-1.57935	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	6.00000	48.40000	-1.63995	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	6.00000	48.40000	-1.69986	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	6.00000	48.40000	-1.75859	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	6.00000	48.40000	-1.81557	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	6.00000	48.40000	-1.87021	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	6.00000	48.40000	-1.92188	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	6.00000	48.40000	-1.96994	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	6.00000	48.40000	-2.01375	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	6.00000	48.40000	-2.05272	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	6.00000	48.40000	-2.08625	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	6.00000	48.40000	-2.11384	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	6.00000	48.40000	-2.13506	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	6.00000	48.40000	-2.14957	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	6.00000	48.40000	-2.15711	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	6.00000	48.40000	-2.15757	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	6.00000	48.40000	-2.15092	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	38.00000	6.00000	48.40000	-2.13727	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	6.00000	48.40000	-2.11681	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	6.00000	48.40000	-2.08987	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	6.00000	48.40000	-2.05686	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	6.00000	48.40000	-2.01826	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	6.00000	48.40000	-1.97464	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	6.00000	48.40000	-1.92661	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	6.00000	48.40000	-1.87480	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	6.00000	48.40000	-1.81986	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	6.00000	48.40000	-1.76244	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	6.00000	48.40000	-1.70316	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	6.00000	48.40000	-1.64258	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	6.00000	48.40000	-1.58126	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	6.00000	48.40000	-1.51966	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	6.00000	48.40000	-1.45821	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	6.00000	48.40000	-1.39729	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	6.00000	48.40000	-1.33719	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	6.00000	48.40000	-1.27819	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	6.00000	48.40000	-1.22050	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	6.00000	48.40000	-1.16428	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	6.00000	48.40000	-1.10968	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	6.00000	48.40000	-1.05678	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	6.00000	48.40000	-1.00566	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	7.00000	48.40000	-0.59510	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	7.00000	48.40000	-0.62886	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	7.00000	48.40000	-0.66432	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	7.00000	48.40000	-0.70153	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	7.00000	48.40000	-0.74057	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	7.00000	48.40000	-0.78149	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	7.00000	48.40000	-0.82433	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	7.00000	48.40000	-0.86914	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	7.00000	48.40000	-0.91597	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	7.00000	48.40000	-0.96485	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	7.00000	48.40000	-1.01579	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	7.00000	48.40000	-1.06880	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	7.00000	48.40000	-1.12387	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	7.00000	48.40000	-1.18098	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	7.00000	48.40000	-1.24006	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	7.00000	48.40000	-1.30104	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	7.00000	48.40000	-1.36380	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	7.00000	48.40000	-1.42818	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	7.00000	48.40000	-1.49398	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	7.00000	48.40000	-1.56095	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	7.00000	48.40000	-1.62877	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	7.00000	48.40000	-1.69706	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	7.00000	48.40000	-1.76537	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	7.00000	48.40000	-1.83320	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	7.00000	48.40000	-1.89994	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	7.00000	48.40000	-1.96495	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	7.00000	48.40000	-2.02751	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	7.00000	48.40000	-2.08688	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	7.00000	48.40000	-2.14228	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	7.00000	48.40000	-2.19293	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	7.00000	48.40000	-2.23808	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	7.00000	48.40000	-2.27703	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	7.00000	48.40000	-2.30915	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	7.00000	48.40000	-2.33389	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	7.00000	48.40000	-2.35084	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	7.00000	48.40000	-2.35969	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	7.00000	48.40000	-2.36028	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	7.00000	48.40000	-2.35260	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	7.00000	48.40000	-2.33676	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	7.00000	48.40000	-2.31301	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	7.00000	48.40000	-2.28175	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	7.00000	48.40000	-2.24348	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	7.00000	48.40000	-2.19881	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	7.00000	48.40000	-2.14843	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	7.00000	48.40000	-2.09308	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	7.00000	48.40000	-2.03354	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	7.00000	48.40000	-1.97062	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	7.00000	48.40000	-1.90507	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	48.00000	7.00000	48.40000	-1.83763	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	7.00000	48.40000	-1.76900	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	7.00000	48.40000	-1.69979	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	7.00000	48.40000	-1.63054	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	7.00000	48.40000	-1.56174	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	7.00000	48.40000	-1.49380	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	7.00000	48.40000	-1.42704	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	7.00000	48.40000	-1.36174	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	7.00000	48.40000	-1.29812	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	7.00000	48.40000	-1.23635	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	7.00000	48.40000	-1.17654	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	7.00000	48.40000	-1.11879	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	7.00000	48.40000	-1.06315	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	8.00000	48.40000	-0.62115	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	8.00000	48.40000	-0.65698	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	8.00000	48.40000	-0.69467	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	8.00000	48.40000	-0.73431	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	8.00000	48.40000	-0.77597	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	8.00000	48.40000	-0.81971	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	8.00000	48.40000	-0.86561	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	8.00000	48.40000	-0.91373	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	8.00000	48.40000	-0.96413	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	8.00000	48.40000	-1.01686	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	8.00000	48.40000	-1.07196	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	8.00000	48.40000	-1.12945	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	8.00000	48.40000	-1.18935	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	8.00000	48.40000	-1.25166	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	8.00000	48.40000	-1.31633	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	8.00000	48.40000	-1.38331	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	8.00000	48.40000	-1.45248	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	8.00000	48.40000	-1.52372	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	8.00000	48.40000	-1.59681	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	8.00000	48.40000	-1.67151	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	8.00000	48.40000	-1.74747	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	8.00000	48.40000	-1.82431	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	8.00000	48.40000	-1.90151	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	8.00000	48.40000	-1.97851	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	8.00000	48.40000	-2.05461	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	8.00000	48.40000	-2.12905	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	8.00000	48.40000	-2.20098	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	8.00000	48.40000	-2.26950	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	8.00000	48.40000	-2.33366	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	8.00000	48.40000	-2.39251	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	8.00000	48.40000	-2.44511	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	8.00000	48.40000	-2.49059	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	8.00000	48.40000	-2.52817	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	8.00000	48.40000	-2.55719	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	8.00000	48.40000	-2.57710	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	8.00000	48.40000	-2.58754	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	8.00000	48.40000	-2.58831	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	8.00000	48.40000	-2.57939	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	8.00000	48.40000	-2.56091	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	8.00000	48.40000	-2.53320	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	8.00000	48.40000	-2.49673	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	8.00000	48.40000	-2.45213	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	8.00000	48.40000	-2.40016	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	8.00000	48.40000	-2.34167	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	8.00000	48.40000	-2.27758	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	8.00000	48.40000	-2.20886	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	8.00000	48.40000	-2.13648	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	8.00000	48.40000	-2.06136	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	8.00000	48.40000	-1.98439	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	8.00000	48.40000	-1.90639	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	8.00000	48.40000	-1.82807	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	8.00000	48.40000	-1.75007	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	8.00000	48.40000	-1.67290	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	8.00000	48.40000	-1.59702	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	8.00000	48.40000	-1.52278	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	8.00000	48.40000	-1.45046	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	8.00000	48.40000	-1.38027	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	8.00000	48.40000	-1.31237	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No.	Sheet No.	Rev.
D J23332		
Drg. Ref.		
Made by AT	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 ²]	[kN/m ²]	[μ]
1	Grid 1	58.00000	8.00000	48.40000	-1.24687	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	8.00000	48.40000	-1.18382	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	8.00000	48.40000	-1.12327	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	9.00000	48.40000	-0.64778	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	9.00000	48.40000	-0.68577	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	9.00000	48.40000	-0.72581	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	9.00000	48.40000	-0.76799	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	9.00000	48.40000	-0.81240	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	9.00000	48.40000	-0.85913	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	9.00000	48.40000	-0.90827	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	9.00000	48.40000	-0.95989	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	9.00000	48.40000	-1.01409	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	9.00000	48.40000	-1.07094	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	9.00000	48.40000	-1.13050	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	9.00000	48.40000	-1.19282	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	9.00000	48.40000	-1.25795	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	9.00000	48.40000	-1.32591	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	9.00000	48.40000	-1.39669	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	9.00000	48.40000	-1.47025	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	9.00000	48.40000	-1.54653	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	9.00000	48.40000	-1.62538	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	9.00000	48.40000	-1.70665	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	9.00000	48.40000	-1.79006	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	9.00000	48.40000	-1.87530	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	9.00000	48.40000	-1.96192	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	9.00000	48.40000	-2.04939	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	9.00000	48.40000	-2.13705	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	9.00000	48.40000	-2.22412	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	9.00000	48.40000	-2.30969	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	9.00000	48.40000	-2.39276	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	9.00000	48.40000	-2.47221	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	9.00000	48.40000	-2.54690	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	9.00000	48.40000	-2.61563	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	9.00000	48.40000	-2.67725	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	9.00000	48.40000	-2.73067	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	9.00000	48.40000	-2.77490	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	9.00000	48.40000	-2.80911	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	9.00000	48.40000	-2.83265	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	9.00000	48.40000	-2.84504	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	9.00000	48.40000	-2.84604	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	9.00000	48.40000	-2.83561	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	9.00000	48.40000	-2.81394	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	9.00000	48.40000	-2.78141	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	9.00000	48.40000	-2.73863	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	9.00000	48.40000	-2.68637	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	9.00000	48.40000	-2.62557	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	9.00000	48.40000	-2.55730	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	9.00000	48.40000	-2.48272	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	9.00000	48.40000	-2.40301	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	9.00000	48.40000	-2.31936	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	9.00000	48.40000	-2.23292	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	9.00000	48.40000	-2.14476	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	9.00000	48.40000	-2.05583	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	9.00000	48.40000	-1.96698	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	9.00000	48.40000	-1.87891	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	9.00000	48.40000	-1.79221	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	9.00000	48.40000	-1.70735	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	9.00000	48.40000	-1.62471	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	9.00000	48.40000	-1.54456	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	9.00000	48.40000	-1.46709	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	9.00000	48.40000	-1.39245	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	9.00000	48.40000	-1.32071	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	9.00000	48.40000	-1.25190	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	9.00000	48.40000	-1.18604	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	10.00000	48.40000	-0.67496	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	10.00000	48.40000	-0.71520	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	10.00000	48.40000	-0.75769	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	10.00000	48.40000	-0.80252	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	10.00000	48.40000	-0.84982	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	10.00000	48.40000	-0.89969	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	10.00000	48.40000	-0.95224	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	7.00000	10.00000	48.40000	-1.00758	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	10.00000	48.40000	-1.06582	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	10.00000	48.40000	-1.12705	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	10.00000	48.40000	-1.19139	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	10.00000	48.40000	-1.25891	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	10.00000	48.40000	-1.32969	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	10.00000	48.40000	-1.40378	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	10.00000	48.40000	-1.48122	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	10.00000	48.40000	-1.56201	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	10.00000	48.40000	-1.64612	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	10.00000	48.40000	-1.73346	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	10.00000	48.40000	-1.82387	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	10.00000	48.40000	-1.91713	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	10.00000	48.40000	-2.01290	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	10.00000	48.40000	-2.11075	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	10.00000	48.40000	-2.21009	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	10.00000	48.40000	-2.31019	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	10.00000	48.40000	-2.41016	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	10.00000	48.40000	-2.50893	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	10.00000	48.40000	-2.60529	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	10.00000	48.40000	-2.69789	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	10.00000	48.40000	-2.78530	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	10.00000	48.40000	-2.86603	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	10.00000	48.40000	-2.93863	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	10.00000	48.40000	-3.00174	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	10.00000	48.40000	-3.05410	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	10.00000	48.40000	-3.09469	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	10.00000	48.40000	-3.12266	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	10.00000	48.40000	-3.13746	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	10.00000	48.40000	-3.13876	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	10.00000	48.40000	-3.12651	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	10.00000	48.40000	-3.10094	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	10.00000	48.40000	-3.06255	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	10.00000	48.40000	-3.01206	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	10.00000	48.40000	-2.95046	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	10.00000	48.40000	-2.87893	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	10.00000	48.40000	-2.79880	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	10.00000	48.40000	-2.71152	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	10.00000	48.40000	-2.61858	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	10.00000	48.40000	-2.52146	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	10.00000	48.40000	-2.42158	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	10.00000	48.40000	-2.32020	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	10.00000	48.40000	-2.21849	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	10.00000	48.40000	-2.11740	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	10.00000	48.40000	-2.01775	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	10.00000	48.40000	-1.92017	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	10.00000	48.40000	-1.82517	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	10.00000	48.40000	-1.73309	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	10.00000	48.40000	-1.64422	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	10.00000	48.40000	-1.55870	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	10.00000	48.40000	-1.47665	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	10.00000	48.40000	-1.39809	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	10.00000	48.40000	-1.32304	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	10.00000	48.40000	-1.25144	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	11.00000	48.40000	-0.70262	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	11.00000	48.40000	-0.74520	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	11.00000	48.40000	-0.79023	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	11.00000	48.40000	-0.83784	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	11.00000	48.40000	-0.88816	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	11.00000	48.40000	-0.94133	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	11.00000	48.40000	-0.99747	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	11.00000	48.40000	-1.05673	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	11.00000	48.40000	-1.11925	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	11.00000	48.40000	-1.18516	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	11.00000	48.40000	-1.25459	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	11.00000	48.40000	-1.32768	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	11.00000	48.40000	-1.40454	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	11.00000	48.40000	-1.48527	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	11.00000	48.40000	-1.56997	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	11.00000	48.40000	-1.65868	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	11.00000	48.40000	-1.75142	48.317	0.0	0.0	0.0



68 Elsworthy Road

GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

Job No. Sheet No. Rev.

Dr. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	17.00000	11.00000	48.40000	-1.84817	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	11.00000	48.40000	-1.94881	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	11.00000	48.40000	-2.05317	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	11.00000	48.40000	-2.16094	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	11.00000	48.40000	-2.27167	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	11.00000	48.40000	-2.38477	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	11.00000	48.40000	-2.49943	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	11.00000	48.40000	-2.61462	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	11.00000	48.40000	-2.72910	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	11.00000	48.40000	-2.84140	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	11.00000	48.40000	-2.94988	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	11.00000	48.40000	-3.05273	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	11.00000	48.40000	-3.14810	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	11.00000	48.40000	-3.23414	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	11.00000	48.40000	-3.30913	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	11.00000	48.40000	-3.37150	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	11.00000	48.40000	-3.41992	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	11.00000	48.40000	-3.45337	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	11.00000	48.40000	-3.47114	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	11.00000	48.40000	-3.47281	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	11.00000	48.40000	-3.45835	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	11.00000	48.40000	-3.42802	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	11.00000	48.40000	-3.38243	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	11.00000	48.40000	-3.32251	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	11.00000	48.40000	-3.24947	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	11.00000	48.40000	-3.16481	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	11.00000	48.40000	-3.07022	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	11.00000	48.40000	-2.96751	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	11.00000	48.40000	-2.85858	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	11.00000	48.40000	-2.74528	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	11.00000	48.40000	-2.62933	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	11.00000	48.40000	-2.51233	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	11.00000	48.40000	-2.39560	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	11.00000	48.40000	-2.28030	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	11.00000	48.40000	-2.16730	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	11.00000	48.40000	-2.05731	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	11.00000	48.40000	-1.95081	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	11.00000	48.40000	-1.84816	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	11.00000	48.40000	-1.74958	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	11.00000	48.40000	-1.65517	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	11.00000	48.40000	-1.56499	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	11.00000	48.40000	-1.47902	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	11.00000	48.40000	-1.39719	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	11.00000	48.40000	-1.31940	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	12.00000	48.40000	-0.73070	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	12.00000	48.40000	-0.77570	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	12.00000	48.40000	-0.82338	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	12.00000	48.40000	-0.87388	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	12.00000	48.40000	-0.92735	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	12.00000	48.40000	-0.98397	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	12.00000	48.40000	-1.04388	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	12.00000	48.40000	-1.10727	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	12.00000	48.40000	-1.17430	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	12.00000	48.40000	-1.24516	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	12.00000	48.40000	-1.32002	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	12.00000	48.40000	-1.39906	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	12.00000	48.40000	-1.48246	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	12.00000	48.40000	-1.57036	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	12.00000	48.40000	-1.66293	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	12.00000	48.40000	-1.76029	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	12.00000	48.40000	-1.86253	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	12.00000	48.40000	-1.96970	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	12.00000	48.40000	-2.08178	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	12.00000	48.40000	-2.19864	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	12.00000	48.40000	-2.32004	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	12.00000	48.40000	-2.44557	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	12.00000	48.40000	-2.57462	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	12.00000	48.40000	-2.70632	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	12.00000	48.40000	-2.83951	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	12.00000	48.40000	-2.97274	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	12.00000	48.40000	-3.10424	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	27.00000	12.00000	48.40000	-3.23195	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	12.00000	48.40000	-3.35363	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	12.00000	48.40000	-3.46692	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	12.00000	48.40000	-3.56949	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	12.00000	48.40000	-3.65910	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	12.00000	48.40000	-3.73379	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	12.00000	48.40000	-3.79189	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	12.00000	48.40000	-3.83210	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	12.00000	48.40000	-3.85353	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	12.00000	48.40000	-3.85570	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	12.00000	48.40000	-3.83853	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	12.00000	48.40000	-3.80235	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	12.00000	48.40000	-3.74793	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	12.00000	48.40000	-3.67642	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	12.00000	48.40000	-3.58933	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	12.00000	48.40000	-3.48856	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	12.00000	48.40000	-3.37625	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	12.00000	48.40000	-3.25473	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	12.00000	48.40000	-3.12639	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	12.00000	48.40000	-2.99355	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	12.00000	48.40000	-2.85839	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	12.00000	48.40000	-2.72283	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	12.00000	48.40000	-2.58846	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	12.00000	48.40000	-2.45660	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	12.00000	48.40000	-2.32823	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	12.00000	48.40000	-2.20406	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	12.00000	48.40000	-2.08458	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	12.00000	48.40000	-1.97009	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	12.00000	48.40000	-1.86072	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	12.00000	48.40000	-1.75653	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	12.00000	48.40000	-1.65746	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	12.00000	48.40000	-1.56342	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	12.00000	48.40000	-1.47428	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	12.00000	48.40000	-1.38986	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	13.00000	48.40000	-0.75914	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	13.00000	48.40000	-0.80664	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	13.00000	48.40000	-0.85705	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	13.00000	48.40000	-0.91054	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	13.00000	48.40000	-0.96730	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	13.00000	48.40000	-1.02751	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	13.00000	48.40000	-1.09137	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	13.00000	48.40000	-1.15909	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	13.00000	48.40000	-1.23088	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	13.00000	48.40000	-1.30697	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	13.00000	48.40000	-1.38759	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	13.00000	48.40000	-1.47298	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	13.00000	48.40000	-1.56336	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	13.00000	48.40000	-1.65898	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	13.00000	48.40000	-1.76007	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	13.00000	48.40000	-1.86684	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	13.00000	48.40000	-1.97950	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	13.00000	48.40000	-2.09818	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	13.00000	48.40000	-2.22298	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	13.00000	48.40000	-2.35389	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	13.00000	48.40000	-2.49077	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	13.00000	48.40000	-2.63326	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	13.00000	48.40000	-2.78080	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	13.00000	48.40000	-2.93246	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	13.00000	48.40000	-3.08696	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	13.00000	48.40000	-3.24260	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	13.00000	48.40000	-3.39721	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	13.00000	48.40000	-3.54828	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	13.00000	48.40000	-3.69295	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	13.00000	48.40000	-3.82823	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	13.00000	48.40000	-3.95111	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	13.00000	48.40000	-4.05875	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	13.00000	48.40000	-4.14863	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	13.00000	48.40000	-4.21866	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	13.00000	48.40000	-4.26721	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	13.00000	48.40000	-4.29318	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	13.00000	48.40000	-4.29596	48.317	0.0	0.0	0.0



68 Elsworthy Road

GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	37.00000	13.00000	48.40000	-4.27548	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	13.00000	48.40000	-4.23215	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	13.00000	48.40000	-4.16688	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	13.00000	48.40000	-4.08111	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	13.00000	48.40000	-3.97675	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	13.00000	48.40000	-3.85619	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	13.00000	48.40000	-3.72216	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	13.00000	48.40000	-3.57764	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	13.00000	48.40000	-3.42569	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	13.00000	48.40000	-3.26926	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	13.00000	48.40000	-3.11106	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	13.00000	48.40000	-2.95345	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	13.00000	48.40000	-2.79833	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	13.00000	48.40000	-2.64721	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	13.00000	48.40000	-2.50113	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	13.00000	48.40000	-2.36082	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	13.00000	48.40000	-2.22670	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	13.00000	48.40000	-2.09898	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	13.00000	48.40000	-1.97768	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	13.00000	48.40000	-1.86273	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	13.00000	48.40000	-1.75398	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	13.00000	48.40000	-1.65122	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	13.00000	48.40000	-1.55420	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	13.00000	48.40000	-1.46268	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	14.00000	48.40000	-0.78785	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	14.00000	48.40000	-0.83792	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	14.00000	48.40000	-0.89115	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	14.00000	48.40000	-0.94774	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	14.00000	48.40000	-1.00790	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	14.00000	48.40000	-1.07185	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	14.00000	48.40000	-1.13982	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	14.00000	48.40000	-1.21207	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	14.00000	48.40000	-1.28886	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	14.00000	48.40000	-1.37046	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	14.00000	48.40000	-1.45716	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	14.00000	48.40000	-1.54928	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	14.00000	48.40000	-1.64711	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	14.00000	48.40000	-1.75100	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	14.00000	48.40000	-1.86127	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	14.00000	48.40000	-1.97825	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	14.00000	48.40000	-2.10228	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	14.00000	48.40000	-2.23363	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	14.00000	48.40000	-2.37256	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	14.00000	48.40000	-2.51920	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	14.00000	48.40000	-2.67358	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	14.00000	48.40000	-2.83547	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	14.00000	48.40000	-3.00438	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	14.00000	48.40000	-3.17937	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	14.00000	48.40000	-3.35905	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	14.00000	48.40000	-3.54140	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	14.00000	48.40000	-3.72385	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	14.00000	48.40000	-3.90322	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	14.00000	48.40000	-4.07592	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	14.00000	48.40000	-4.23810	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	14.00000	48.40000	-4.38591	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	14.00000	48.40000	-4.51570	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	14.00000	48.40000	-4.62426	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	14.00000	48.40000	-4.70895	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	14.00000	48.40000	-4.76774	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	14.00000	48.40000	-4.79929	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	14.00000	48.40000	-4.80286	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	14.00000	48.40000	-4.77835	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	14.00000	48.40000	-4.72626	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	14.00000	48.40000	-4.64770	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	14.00000	48.40000	-4.54445	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	14.00000	48.40000	-4.41891	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	14.00000	48.40000	-4.27408	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	14.00000	48.40000	-4.11348	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	14.00000	48.40000	-3.94091	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	14.00000	48.40000	-3.76029	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	14.00000	48.40000	-3.57538	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Dr. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	47.00000	14.00000	48.40000	-3.38961	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	14.00000	48.40000	-3.20585	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	14.00000	48.40000	-3.02638	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	14.00000	48.40000	-2.85288	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	14.00000	48.40000	-2.68648	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	14.00000	48.40000	-2.52783	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	14.00000	48.40000	-2.37726	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	14.00000	48.40000	-2.23481	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	14.00000	48.40000	-2.10036	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	14.00000	48.40000	-1.97366	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	14.00000	48.40000	-1.85440	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	14.00000	48.40000	-1.74223	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	14.00000	48.40000	-1.63678	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	14.00000	48.40000	-1.53769	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	15.00000	48.40000	-0.81675	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	15.00000	48.40000	-0.86946	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	15.00000	48.40000	-0.92559	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	15.00000	48.40000	-0.98536	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	15.00000	48.40000	-1.04903	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	15.00000	48.40000	-1.11685	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	15.00000	48.40000	-1.18910	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	15.00000	48.40000	-1.26607	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	15.00000	48.40000	-1.34807	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	15.00000	48.40000	-1.43545	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	15.00000	48.40000	-1.52856	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	15.00000	48.40000	-1.62779	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	15.00000	48.40000	-1.73354	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	15.00000	48.40000	-1.84624	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	15.00000	48.40000	-1.96636	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	15.00000	48.40000	-2.09436	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	15.00000	48.40000	-2.23074	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	15.00000	48.40000	-2.37596	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	15.00000	48.40000	-2.53048	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	15.00000	48.40000	-2.69466	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	15.00000	48.40000	-2.86874	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	15.00000	48.40000	-3.05271	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	15.00000	48.40000	-3.24620	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	15.00000	48.40000	-3.44833	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	15.00000	48.40000	-3.65760	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	15.00000	48.40000	-3.87167	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	15.00000	48.40000	-4.08741	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	15.00000	48.40000	-4.30086	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	15.00000	48.40000	-4.50748	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	15.00000	48.40000	-4.70235	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	15.00000	48.40000	-4.88050	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	15.00000	48.40000	-5.03730	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	15.00000	48.40000	-5.16864	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	15.00000	48.40000	-5.27120	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	15.00000	48.40000	-5.34248	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	15.00000	48.40000	-5.38083	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	15.00000	48.40000	-5.38538	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	15.00000	48.40000	-5.35599	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	15.00000	48.40000	-5.29326	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	15.00000	48.40000	-5.19855	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	15.00000	48.40000	-5.07403	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	15.00000	48.40000	-4.92269	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	15.00000	48.40000	-4.74834	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	15.00000	48.40000	-4.55545	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	15.00000	48.40000	-4.34890	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	15.00000	48.40000	-4.13370	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	15.00000	48.40000	-3.91466	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	15.00000	48.40000	-3.69605	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	15.00000	48.40000	-3.48143	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	15.00000	48.40000	-3.27350	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	15.00000	48.40000	-3.07415	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	15.00000	48.40000	-2.88452	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	15.00000	48.40000	-2.70516	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	15.00000	48.40000	-2.53620	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	15.00000	48.40000	-2.37746	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	15.00000	48.40000	-2.22858	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	15.00000	48.40000	-2.08909	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	57.00000	15.00000	48.40000	-1.95849	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	15.00000	48.40000	-1.83623	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	15.00000	48.40000	-1.72180	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	15.00000	48.40000	-1.61469	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	16.00000	48.40000	-0.84574	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	16.00000	48.40000	-0.90114	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	16.00000	48.40000	-0.96024	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	16.00000	48.40000	-1.02329	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	16.00000	48.40000	-1.09057	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	16.00000	48.40000	-1.16238	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	16.00000	48.40000	-1.23905	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	16.00000	48.40000	-1.32091	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	16.00000	48.40000	-1.40834	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	16.00000	48.40000	-1.50176	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	16.00000	48.40000	-1.60158	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	16.00000	48.40000	-1.70829	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	16.00000	48.40000	-1.82240	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	16.00000	48.40000	-1.94447	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	16.00000	48.40000	-2.07509	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	16.00000	48.40000	-2.21492	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	16.00000	48.40000	-2.36463	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	16.00000	48.40000	-2.52495	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	16.00000	48.40000	-2.69657	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	16.00000	48.40000	-2.88016	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	16.00000	48.40000	-3.07627	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	16.00000	48.40000	-3.28516	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	16.00000	48.40000	-3.50672	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	16.00000	48.40000	-3.74017	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	16.00000	48.40000	-3.98391	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	16.00000	48.40000	-4.23524	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	16.00000	48.40000	-4.49033	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	16.00000	48.40000	-4.74427	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	16.00000	48.40000	-4.99131	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	16.00000	48.40000	-5.22523	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	16.00000	48.40000	-5.43977	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	16.00000	48.40000	-5.62900	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	16.00000	48.40000	-5.78774	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	16.00000	48.40000	-5.91181	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	16.00000	48.40000	-5.99811	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	16.00000	48.40000	-6.04463	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	16.00000	48.40000	-6.05036	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	16.00000	48.40000	-6.01512	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	16.00000	48.40000	-5.93963	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	16.00000	48.40000	-5.82553	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	16.00000	48.40000	-5.67544	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	16.00000	48.40000	-5.49313	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	16.00000	48.40000	-5.28339	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	16.00000	48.40000	-5.05188	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	16.00000	48.40000	-4.80481	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	16.00000	48.40000	-4.54851	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	16.00000	48.40000	-4.28903	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	16.00000	48.40000	-4.03175	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	16.00000	48.40000	-3.78106	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	16.00000	48.40000	-3.54017	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	16.00000	48.40000	-3.31119	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	16.00000	48.40000	-3.09522	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	16.00000	48.40000	-2.89263	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	16.00000	48.40000	-2.70325	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	16.00000	48.40000	-2.52660	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	16.00000	48.40000	-2.36200	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	16.00000	48.40000	-2.20870	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	16.00000	48.40000	-2.06593	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	16.00000	48.40000	-1.93292	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	16.00000	48.40000	-1.80897	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	16.00000	48.40000	-1.69341	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	17.00000	48.40000	-0.87472	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	17.00000	48.40000	-0.93286	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	17.00000	48.40000	-0.99499	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	17.00000	48.40000	-1.06138	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	17.00000	48.40000	-1.13237	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	17.00000	48.40000	-1.20828	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	6.00000	17.00000	48.40000	-1.28949	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	17.00000	48.40000	-1.37641	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	17.00000	48.40000	-1.46947	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	17.00000	48.40000	-1.56915	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	17.00000	48.40000	-1.67598	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	17.00000	48.40000	-1.79052	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	17.00000	48.40000	-1.91342	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	17.00000	48.40000	-2.04536	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	17.00000	48.40000	-2.18713	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	17.00000	48.40000	-2.33957	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	17.00000	48.40000	-2.50359	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	17.00000	48.40000	-2.68020	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	17.00000	48.40000	-2.87044	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	17.00000	48.40000	-3.07533	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	17.00000	48.40000	-3.29582	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	17.00000	48.40000	-3.53260	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	17.00000	48.40000	-3.78585	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	17.00000	48.40000	-4.05500	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	17.00000	48.40000	-4.33834	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	17.00000	48.40000	-4.63270	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	17.00000	48.40000	-4.93336	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	17.00000	48.40000	-5.23415	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	17.00000	48.40000	-5.52796	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	17.00000	48.40000	-5.80717	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	17.00000	48.40000	-6.06409	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	17.00000	48.40000	-6.29133	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	17.00000	48.40000	-6.48232	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	17.00000	48.40000	-6.63174	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	17.00000	48.40000	-6.73575	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	17.00000	48.40000	-6.79193	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	17.00000	48.40000	-6.79904	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	17.00000	48.40000	-6.75691	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	17.00000	48.40000	-6.66637	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	17.00000	48.40000	-6.52937	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	17.00000	48.40000	-6.34918	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	17.00000	48.40000	-6.13049	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	17.00000	48.40000	-5.87939	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	17.00000	48.40000	-5.60302	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	17.00000	48.40000	-5.30905	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	17.00000	48.40000	-5.00521	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	17.00000	48.40000	-4.69895	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	17.00000	48.40000	-4.39698	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	17.00000	48.40000	-4.10476	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	17.00000	48.40000	-3.82619	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	17.00000	48.40000	-3.56363	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	17.00000	48.40000	-3.31811	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	17.00000	48.40000	-3.08972	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	17.00000	48.40000	-2.87789	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	17.00000	48.40000	-2.68173	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	17.00000	48.40000	-2.50016	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	17.00000	48.40000	-2.33204	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	17.00000	48.40000	-2.17631	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	17.00000	48.40000	-2.03193	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	17.00000	48.40000	-1.89795	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	17.00000	48.40000	-1.77353	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	18.00000	48.40000	-0.90358	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	18.00000	48.40000	-0.96450	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	18.00000	48.40000	-1.02969	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	18.00000	48.40000	-1.09949	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	18.00000	48.40000	-1.17425	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	18.00000	48.40000	-1.25436	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	18.00000	48.40000	-1.34024	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	18.00000	48.40000	-1.43236	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	18.00000	48.40000	-1.53122	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	18.00000	48.40000	-1.63738	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	18.00000	48.40000	-1.75146	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	18.00000	48.40000	-1.87416	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	18.00000	48.40000	-2.00624	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	18.00000	48.40000	-2.14855	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	18.00000	48.40000	-2.30206	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	18.00000	48.40000	-2.46784	48.317	0.0	0.0	0.0



68 Elsworthy Road

GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	16.00000	18.00000	48.40000	-2.64710	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	18.00000	48.40000	-2.84116	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	18.00000	48.40000	-3.05146	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	18.00000	48.40000	-3.27949	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	18.00000	48.40000	-3.52668	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	18.00000	48.40000	-3.79423	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	18.00000	48.40000	-4.08277	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	18.00000	48.40000	-4.39195	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	18.00000	48.40000	-4.71990	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	18.00000	48.40000	-5.06274	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	18.00000	48.40000	-5.41438	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	18.00000	48.40000	-5.76695	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	18.00000	48.40000	-6.11183	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	18.00000	48.40000	-6.44051	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	18.00000	48.40000	-6.74435	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	18.00000	48.40000	-7.01439	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	18.00000	48.40000	-7.24214	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	18.00000	48.40000	-7.42068	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	18.00000	48.40000	-7.54509	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	18.00000	48.40000	-7.61237	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	18.00000	48.40000	-7.62106	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	18.00000	48.40000	-7.57095	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	18.00000	48.40000	-7.46303	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	18.00000	48.40000	-7.29967	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	18.00000	48.40000	-7.08496	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	18.00000	48.40000	-6.82497	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	18.00000	48.40000	-6.52764	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	18.00000	48.40000	-6.20195	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	18.00000	48.40000	-5.85681	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	18.00000	48.40000	-5.50080	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	18.00000	48.40000	-5.14252	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	18.00000	48.40000	-4.79035	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	18.00000	48.40000	-4.45136	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	18.00000	48.40000	-4.13047	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	18.00000	48.40000	-3.83045	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	18.00000	48.40000	-3.55223	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	18.00000	48.40000	-3.29555	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	18.00000	48.40000	-3.05932	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	18.00000	48.40000	-2.84213	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	18.00000	48.40000	-2.64238	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	18.00000	48.40000	-2.45853	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	18.00000	48.40000	-2.28911	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	18.00000	48.40000	-2.13278	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	18.00000	48.40000	-1.98833	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	18.00000	48.40000	-1.85469	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	19.00000	48.40000	-0.93220	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	19.00000	48.40000	-0.99592	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	19.00000	48.40000	-1.06422	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	19.00000	48.40000	-1.13747	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	19.00000	48.40000	-1.21606	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	19.00000	48.40000	-1.30044	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	19.00000	48.40000	-1.39108	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	19.00000	48.40000	-1.48851	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	19.00000	48.40000	-1.59331	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	19.00000	48.40000	-1.70615	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	19.00000	48.40000	-1.82772	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	19.00000	48.40000	-1.95886	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	19.00000	48.40000	-2.10047	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	19.00000	48.40000	-2.25358	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	19.00000	48.40000	-2.41937	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	19.00000	48.40000	-2.59918	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	19.00000	48.40000	-2.79451	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	19.00000	48.40000	-3.00707	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	19.00000	48.40000	-3.23877	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	19.00000	48.40000	-3.49162	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	19.00000	48.40000	-3.76765	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	19.00000	48.40000	-4.06867	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	19.00000	48.40000	-4.39582	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	19.00000	48.40000	-4.74899	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	19.00000	48.40000	-5.12599	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	19.00000	48.40000	-5.52165	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	26.00000	19.00000	48.40000	-5.92737	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	19.00000	48.40000	-6.33223	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	19.00000	48.40000	-6.72623	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	19.00000	48.40000	-7.10231	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	19.00000	48.40000	-7.45325	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	19.00000	48.40000	-7.76857	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	19.00000	48.40000	-8.03654	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	19.00000	48.40000	-8.24742	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	19.00000	48.40000	-8.39463	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	19.00000	48.40000	-8.47432	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	19.00000	48.40000	-8.48473	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	19.00000	48.40000	-8.42560	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	19.00000	48.40000	-8.29812	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	19.00000	48.40000	-8.10525	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	19.00000	48.40000	-7.85230	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	19.00000	48.40000	-7.54763	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	19.00000	48.40000	-7.20241	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	19.00000	48.40000	-6.82836	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	19.00000	48.40000	-6.43434	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	19.00000	48.40000	-6.02697	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	19.00000	48.40000	-5.61470	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	19.00000	48.40000	-5.20846	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	19.00000	48.40000	-4.81826	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	19.00000	48.40000	-4.45089	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	19.00000	48.40000	-4.10985	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	19.00000	48.40000	-3.79607	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	19.00000	48.40000	-3.50882	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	19.00000	48.40000	-3.24643	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	19.00000	48.40000	-3.00684	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	19.00000	48.40000	-2.78787	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	19.00000	48.40000	-2.58747	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	19.00000	48.40000	-2.40372	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	19.00000	48.40000	-2.23494	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	19.00000	48.40000	-2.07963	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	19.00000	48.40000	-1.93647	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	20.00000	48.40000	-0.96045	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	20.00000	48.40000	-1.02698	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	20.00000	48.40000	-1.09840	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	20.00000	48.40000	-1.17513	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	20.00000	48.40000	-1.25760	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	20.00000	48.40000	-1.34629	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	20.00000	48.40000	-1.44177	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	20.00000	48.40000	-1.54461	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	20.00000	48.40000	-1.65548	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	20.00000	48.40000	-1.77513	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	20.00000	48.40000	-1.90440	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	20.00000	48.40000	-2.04422	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	20.00000	48.40000	-2.19566	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	20.00000	48.40000	-2.35995	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	20.00000	48.40000	-2.53850	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	20.00000	48.40000	-2.73291	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	20.00000	48.40000	-2.94505	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	20.00000	48.40000	-3.17704	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	20.00000	48.40000	-3.43129	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	20.00000	48.40000	-3.71042	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	20.00000	48.40000	-4.01713	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	20.00000	48.40000	-4.35391	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	20.00000	48.40000	-4.72248	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	20.00000	48.40000	-5.12294	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	20.00000	48.40000	-5.55243	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	20.00000	48.40000	-6.00344	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	20.00000	48.40000	-6.46242	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	20.00000	48.40000	-6.91286	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	20.00000	48.40000	-7.34977	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	20.00000	48.40000	-7.76693	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	20.00000	48.40000	-8.15791	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	20.00000	48.40000	-8.51710	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	20.00000	48.40000	-8.82699	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	20.00000	48.40000	-9.07255	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	20.00000	48.40000	-9.24441	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	20.00000	48.40000	-9.33753	48.317	0.0	0.0	0.0



68 Elsworthy Road

GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

Job No. Sheet No. Rev.

Dr. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	36.00000	20.00000	48.40000	-9.34970	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	20.00000	48.40000	-9.28062	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	20.00000	48.40000	-9.13176	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	20.00000	48.40000	-8.90683	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	20.00000	48.40000	-8.61310	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	20.00000	48.40000	-8.26289	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	20.00000	48.40000	-7.87377	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	20.00000	48.40000	-7.45925	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	20.00000	48.40000	-7.02099	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	20.00000	48.40000	-6.57003	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	20.00000	48.40000	-6.10751	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	20.00000	48.40000	-5.64596	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	20.00000	48.40000	-5.20143	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	20.00000	48.40000	-4.78426	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	20.00000	48.40000	-4.39929	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	20.00000	48.40000	-4.04755	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	20.00000	48.40000	-3.72784	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	20.00000	48.40000	-3.43782	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	20.00000	48.40000	-3.17470	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	20.00000	48.40000	-2.93564	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	20.00000	48.40000	-2.71801	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	20.00000	48.40000	-2.51943	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	20.00000	48.40000	-2.33780	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	20.00000	48.40000	-2.17132	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	20.00000	48.40000	-2.01840	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	21.00000	48.40000	-0.98821	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	21.00000	48.40000	-1.05754	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	21.00000	48.40000	-1.13209	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	21.00000	48.40000	-1.21230	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	21.00000	48.40000	-1.29866	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	21.00000	48.40000	-1.39171	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	21.00000	48.40000	-1.49206	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	21.00000	48.40000	-1.60037	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	21.00000	48.40000	-1.71740	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	21.00000	48.40000	-1.84399	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	21.00000	48.40000	-1.98110	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	21.00000	48.40000	-2.12979	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	21.00000	48.40000	-2.29132	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	21.00000	48.40000	-2.46710	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	21.00000	48.40000	-2.65879	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	21.00000	48.40000	-2.86829	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	21.00000	48.40000	-3.09784	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	21.00000	48.40000	-3.35001	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	21.00000	48.40000	-3.62775	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	21.00000	48.40000	-3.93432	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	21.00000	48.40000	-4.27314	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	21.00000	48.40000	-4.64744	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	21.00000	48.40000	-5.05956	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	21.00000	48.40000	-5.50971	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	21.00000	48.40000	-5.99400	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	21.00000	48.40000	-6.50131	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	21.00000	48.40000	-7.00986	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	21.00000	48.40000	-7.52064	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	21.00000	48.40000	-8.66592	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	21.00000	48.40000	-9.78951	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	21.00000	48.40000	-10.23495	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	21.00000	48.40000	-10.63378	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	21.00000	48.40000	-10.98574	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	21.00000	48.40000	-11.26728	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	21.00000	48.40000	-11.46495	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	21.00000	48.40000	-11.57209	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	21.00000	48.40000	-11.58594	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	21.00000	48.40000	-11.50617	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	21.00000	48.40000	-11.33455	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	21.00000	48.40000	-11.07582	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	21.00000	48.40000	-10.73990	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	21.00000	48.40000	-10.34536	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	21.00000	48.40000	-9.91742	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	21.00000	48.40000	-9.30136	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	21.00000	48.40000	-7.77582	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	21.00000	48.40000	-7.12013	48.317	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

68 Elsworthy Road

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	46.00000	21.00000	48.40000	-6.61231	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	21.00000	48.40000	-6.09640	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	21.00000	48.40000	-5.59577	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	21.00000	48.40000	-5.12653	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	21.00000	48.40000	-4.69553	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	21.00000	48.40000	-4.30409	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	21.00000	48.40000	-3.95056	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	21.00000	48.40000	-3.63184	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	21.00000	48.40000	-3.34436	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	21.00000	48.40000	-3.08458	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	21.00000	48.40000	-2.84924	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	21.00000	48.40000	-2.63544	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	21.00000	48.40000	-2.44069	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	21.00000	48.40000	-2.26282	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	21.00000	48.40000	-2.09999	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	22.00000	48.40000	-1.01533	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	22.00000	48.40000	-1.08745	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	22.00000	48.40000	-1.16511	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	22.00000	48.40000	-1.24879	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	22.00000	48.40000	-1.33904	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	22.00000	48.40000	-1.43645	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	22.00000	48.40000	-1.54169	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	22.00000	48.40000	-1.65551	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	22.00000	48.40000	-1.77875	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	22.00000	48.40000	-1.91235	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	22.00000	48.40000	-2.05740	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	22.00000	48.40000	-2.21511	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	22.00000	48.40000	-2.38690	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	22.00000	48.40000	-2.57441	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	22.00000	48.40000	-2.77954	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	22.00000	48.40000	-3.00451	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	22.00000	48.40000	-3.25193	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	22.00000	48.40000	-3.52485	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	22.00000	48.40000	-3.82676	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	22.00000	48.40000	-4.16159	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	22.00000	48.40000	-4.53350	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	22.00000	48.40000	-4.94648	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	22.00000	48.40000	-5.40345	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	22.00000	48.40000	-5.90474	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	22.00000	48.40000	-6.44522	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	22.00000	48.40000	-7.00949	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	22.00000	48.40000	-7.56628	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	22.00000	48.40000	-8.20944	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	22.00000	48.40000	-16.67872	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	22.00000	48.40000	-25.12425	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	22.00000	48.40000	-25.69586	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	22.00000	48.40000	-26.13244	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	22.00000	48.40000	-26.52641	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	22.00000	48.40000	-26.84440	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	22.00000	48.40000	-27.06824	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	22.00000	48.40000	-27.18949	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	22.00000	48.40000	-27.20481	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	22.00000	48.40000	-27.11380	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	22.00000	48.40000	-26.91859	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	22.00000	48.40000	-26.62504	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	22.00000	48.40000	-26.24608	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	22.00000	48.40000	-25.80765	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	22.00000	48.40000	-25.33808	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	22.00000	48.40000	-23.63571	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	22.00000	48.40000	-9.42445	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	22.00000	48.40000	-7.67922	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	22.00000	48.40000	-7.12323	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	22.00000	48.40000	-6.55332	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	22.00000	48.40000	-5.99560	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	22.00000	48.40000	-5.47305	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	22.00000	48.40000	-4.99490	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	22.00000	48.40000	-4.56283	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	22.00000	48.40000	-4.17471	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	22.00000	48.40000	-3.82668	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	22.00000	48.40000	-3.51436	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	22.00000	48.40000	-3.23348	48.317	0.0	0.0	0.0



68 Elsworthy Road

GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD J23332

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date Checked Date
AT

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[μ]
1	Grid 1	56.00000	22.00000	48.40000	-2.98014	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	22.00000	48.40000	-2.75092	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	22.00000	48.40000	-2.54288	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	22.00000	48.40000	-2.35352	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	22.00000	48.40000	-2.18070	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	23.00000	48.40000	-1.04168	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	23.00000	48.40000	-1.11655	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	23.00000	48.40000	-1.19728	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	23.00000	48.40000	-1.28440	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	23.00000	48.40000	-1.37851	48.317	0.0	0.0	0.0
1	Grid 1	5.00000	23.00000	48.40000	-1.48025	48.317	0.0	0.0	0.0
1	Grid 1	6.00000	23.00000	48.40000	-1.59038	48.317	0.0	0.0	0.0
1	Grid 1	7.00000	23.00000	48.40000	-1.70970	48.317	0.0	0.0	0.0
1	Grid 1	8.00000	23.00000	48.40000	-1.83917	48.317	0.0	0.0	0.0
1	Grid 1	9.00000	23.00000	48.40000	-1.97982	48.317	0.0	0.0	0.0
1	Grid 1	10.00000	23.00000	48.40000	-2.13286	48.317	0.0	0.0	0.0
1	Grid 1	11.00000	23.00000	48.40000	-2.29967	48.317	0.0	0.0	0.0
1	Grid 1	12.00000	23.00000	48.40000	-2.48185	48.317	0.0	0.0	0.0
1	Grid 1	13.00000	23.00000	48.40000	-2.68124	48.317	0.0	0.0	0.0
1	Grid 1	14.00000	23.00000	48.40000	-2.90002	48.317	0.0	0.0	0.0
1	Grid 1	15.00000	23.00000	48.40000	-3.14072	48.317	0.0	0.0	0.0
1	Grid 1	16.00000	23.00000	48.40000	-3.40633	48.317	0.0	0.0	0.0
1	Grid 1	17.00000	23.00000	48.40000	-3.70037	48.317	0.0	0.0	0.0
1	Grid 1	18.00000	23.00000	48.40000	-4.02689	48.317	0.0	0.0	0.0
1	Grid 1	19.00000	23.00000	48.40000	-4.39046	48.317	0.0	0.0	0.0
1	Grid 1	20.00000	23.00000	48.40000	-4.79598	48.317	0.0	0.0	0.0
1	Grid 1	21.00000	23.00000	48.40000	-5.24817	48.317	0.0	0.0	0.0
1	Grid 1	22.00000	23.00000	48.40000	-5.75053	48.317	0.0	0.0	0.0
1	Grid 1	23.00000	23.00000	48.40000	-6.30347	48.317	0.0	0.0	0.0
1	Grid 1	24.00000	23.00000	48.40000	-6.90081	48.317	0.0	0.0	0.0
1	Grid 1	25.00000	23.00000	48.40000	-7.52343	48.317	0.0	0.0	0.0
1	Grid 1	26.00000	23.00000	48.40000	-8.13181	48.317	0.0	0.0	0.0
1	Grid 1	27.00000	23.00000	48.40000	-8.83721	48.317	0.0	0.0	0.0
1	Grid 1	28.00000	23.00000	48.40000	-18.01658	48.317	0.0	0.0	0.0
1	Grid 1	29.00000	23.00000	48.40000	-27.17001	48.317	0.0	0.0	0.0
1	Grid 1	30.00000	23.00000	48.40000	-27.79726	48.317	0.0	0.0	0.0
1	Grid 1	31.00000	23.00000	48.40000	-28.27438	48.317	0.0	0.0	0.0
1	Grid 1	32.00000	23.00000	48.40000	-28.71100	48.317	0.0	0.0	0.0
1	Grid 1	33.00000	23.00000	48.40000	-29.06524	48.317	0.0	0.0	0.0
1	Grid 1	34.00000	23.00000	48.40000	-29.31483	48.317	0.0	0.0	0.0
1	Grid 1	35.00000	23.00000	48.40000	-29.44976	48.317	0.0	0.0	0.0
1	Grid 1	36.00000	23.00000	48.40000	-29.46614	48.317	0.0	0.0	0.0
1	Grid 1	37.00000	23.00000	48.40000	-29.36355	48.317	0.0	0.0	0.0
1	Grid 1	38.00000	23.00000	48.40000	-29.14443	48.317	0.0	0.0	0.0
1	Grid 1	39.00000	23.00000	48.40000	-28.81571	48.317	0.0	0.0	0.0
1	Grid 1	40.00000	23.00000	48.40000	-28.39297	48.317	0.0	0.0	0.0
1	Grid 1	41.00000	23.00000	48.40000	-27.90844	48.317	0.0	0.0	0.0
1	Grid 1	42.00000	23.00000	48.40000	-27.39818	48.317	0.0	0.0	0.0
1	Grid 1	43.00000	23.00000	48.40000	-25.49230	48.317	0.0	0.0	0.0
1	Grid 1	44.00000	23.00000	48.40000	-10.19176	48.317	0.0	0.0	0.0
1	Grid 1	45.00000	23.00000	48.40000	-8.23983	48.317	0.0	0.0	0.0
1	Grid 1	46.00000	23.00000	48.40000	-7.63663	48.317	0.0	0.0	0.0
1	Grid 1	47.00000	23.00000	48.40000	-7.01058	48.317	0.0	0.0	0.0
1	Grid 1	48.00000	23.00000	48.40000	-6.39514	48.317	0.0	0.0	0.0
1	Grid 1	49.00000	23.00000	48.40000	-5.81905	48.317	0.0	0.0	0.0
1	Grid 1	50.00000	23.00000	48.40000	-5.29360	48.317	0.0	0.0	0.0
1	Grid 1	51.00000	23.00000	48.40000	-4.82075	48.317	0.0	0.0	0.0
1	Grid 1	52.00000	23.00000	48.40000	-4.39789	48.317	0.0	0.0	0.0
1	Grid 1	53.00000	23.00000	48.40000	-4.02042	48.317	0.0	0.0	0.0
1	Grid 1	54.00000	23.00000	48.40000	-3.68315	48.317	0.0	0.0	0.0
1	Grid 1	55.00000	23.00000	48.40000	-3.38107	48.317	0.0	0.0	0.0
1	Grid 1	56.00000	23.00000	48.40000	-3.10966	48.317	0.0	0.0	0.0
1	Grid 1	57.00000	23.00000	48.40000	-2.86497	48.317	0.0	0.0	0.0
1	Grid 1	58.00000	23.00000	48.40000	-2.64362	48.317	0.0	0.0	0.0
1	Grid 1	59.00000	23.00000	48.40000	-2.44276	48.317	0.0	0.0	0.0
1	Grid 1	60.00000	23.00000	48.40000	-2.25996	48.317	0.0	0.0	0.0
1	Grid 1	0.00000	24.00000	48.40000	-1.06712	48.317	0.0	0.0	0.0
1	Grid 1	1.00000	24.00000	48.40000	-1.14468	48.317	0.0	0.0	0.0
1	Grid 1	2.00000	24.00000	48.40000	-1.22842	48.317	0.0	0.0	0.0
1	Grid 1	3.00000	24.00000	48.40000	-1.31893	48.317	0.0	0.0	0.0
1	Grid 1	4.00000	24.00000	48.40000	-1.41684	48.317	0.0	0.0	0.0