BOREHOLE No. PL2000/5

Project: Port Latta Waste Depot
Location: Port Latta
Job No: VT30318

Client: Circular Head Council
Start - Finish Date: 23/8/00 - 23/8/00
Bore dia: 100mm

Driller: S Heawood
Rig: Trafus
Surface Conditions:

Northings: 5475787.0mN
Eastings: 363111.0mE
RL: 13.8

Logged: A Ezzy
Checked: A Waite
Oriented: -90

LABORATORY DATA						FIELD DATA				SOIL DESCRIPTION		SOIL CONDITION		COMMENTS
dry density (t/m³)	moisture content (%)	liquid limit (%)	plasticity index (%)	percent fines (%)	design / test data	field & other tests	sample type	field tests	ground water depth (m)	graphic log	soil type, unified classification, colour, structure, particle characteristics, minor components	consistency/ density	moisture condition	drilling method, well construction, water and additional observations
											CLAY (CL) medium plasticity, grey, siltstone fragments - cover material.	F	M	Cement
											CLAY (CL) medium plasticity, yellow, siltstone fragments - cover material.	F	M	Bentonite
									1		CLAY (CL) medium plasticity, black, humic, quartz pebbles.	S	M	7 mm Gravel
									2		CLAY (CL) medium plasticity, light grey, mudstone grey fragments.	S/VL	D	N.R.F.S screen with 4 x 150 mm holes
											CLAY (CL) medium plasticity, dark grey, 5% clay brown mottles.	S/L	D	
									3		CLAY (CL) medium plasticity, dark grey, mudstone dark grey fragments.	S/L	D	
									4		CLAY (CL) medium plasticity, dark grey.	S/L	D	
									5					

LABORATORY DATA
- UQN Unconfined Comp. (Natural)
- UQC Unconfined Comp. (Compacted)
- TQN Uncons. Undrained Triax. (Natural)
- TQC Uncons. Undrained Triax. (Compacted)
- TRX Consolidated Undrained Triaxial with pwp measurement
- PSA Particle Size Analysis
- CS 1D oedometer Test
- LPM Laboratory Permeability

FIELD DATA ABBREVIATIONS
- Suv = Uncorrected vane shear (kPa)
- Sup = Pocket penetrometer (kPa)
- N = SPT blows per 300mm
- FPM = Field permeability

GROUNDWATER SYMBOLS
- = Water level (static)
- = Water level (during drilling)
- = Outflow / Inflow

FIELD DATA SYMBOLS
- = Shear vane test
- = Pocket Penetrometer test
- = Standard Penetration Test (SPT top = start of N blowcount)
- = SPT Spoon Sample (Pushed)
- = Undisturbed Tube Sample
- = Disturbed Sample
- = Bulk Sample

DENSITY (N-value)

VL	(very loose)	0 - 4
L	(loose)	4 - 10
MD	(medium dense)	10 - 30
D	(dense)	30 - 50
VD	(very dense)	50 - 100
CO	(compact)	>50/150mm

MOISTURE CONDITION
D = Dry M = Moist W = Wet

CONSISTENCY (Su)

VS	(very soft)	< 12 kPa
S	(soft)	12 - 25
F	(firm)	25 - 50
St	(stiff)	50 - 100
VSt	(very stiff)	100 - 200
H	(hard)	> 200 kPa

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										CLAY (CL) medium plasticity, dark grey. *(continued)*			
										SILTSTONE dark grey.	F	M	

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7
8
9
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SKM 001 SOIL VT30318_OLD_LOGS.GPJ SKM_001_2008 05 07_DS.GDT 13/3/09

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