

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

Client: Circular Head Council
 Start - Finish Date: 24/8/00 - 24/8/00
 Bore dia: 100mm

Driller: S Heawood
 Rig: Trafus
 Surface Conditions:

Northings: 5475665.0mN
 Eastings: 362747.0mE
 RL: 34.6
 Logged: A Ezzy
 Checked: A Waite
 Oriented: -90

LABORATORY DATA						FIELD DATA			SOIL DESCRIPTION		SOIL CONDITION		COMMENTS	
dry density (t/m ³)	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
							●			0	CLAY (CH) high plasticity, light red, siltstone fragments.	F	M	Cement
							●			0.5				Secondary clay overburden
							●			1	CLAY (CH) high plasticity, light red, 10% clay various coloured mottles.	F	M	7 mm Gravel
							●			1.5	CLAY (CH) high plasticity, mottled light red and grey, black siltstone fragments.	F	M	Clay overburden transitional zone to Cowrie Siltstone bedrock.
							●			2	CLAY (CL) low plasticity, black, 10% black siltstone and 5% quartz fragments.	F	M	
							●			2.5	CLAY (CL) medium plasticity, dark grey, 10% siltstone dark grey fragments.	S/L	D	N.F.R.S Screen 4 x 150 mm spaced 5 mm holes
							●			3	CLAY (CL) low plasticity, black, 10% siltstone fragments.	S/L	M	
							●			3.5				
							●			4	CLAY (CL) medium plasticity, mottled grey and yellow.	F	M	
							●			4.5	SILTSTONE various colours.			
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SKM 001 SOIL_VT30318_OLD_LOGS.GPJ SKM_001_2008 05 07_DS.GDT 13/3/09

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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