

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: 5475391.0mN  
 Eastings: 362309.0mE  
 RL: 43.2  
 Logged: A Ezzy  
 Checked: A Waite  
 Oriented: -90

LABORATORY DATA						FIELD DATA			SOIL DESCRIPTION		SOIL CONDITION		COMMENTS
dry density (t/m <sup>3</sup> )	moisture content (%)	liquid limit (%)	plasticity index (%)	percent fines (%)	design / test data	field & other tests	sample type	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) black-brown.	F	M	Cement
													Bentonite
										CLAY (CH) high plasticity, light red.	F	M	
								1		CLAY (CH) high plasticity, red-yellow, 40% clay grey mottles.	L	D	7 mm Gravel
								2		CLAY (CL) medium plasticity, red-yellow, clay 10% grey and 5% red mottles.	L	D	
										CLAY (CL) medium plasticity, yellow, clay 10% grey and 5% red mottles.	L	D	
								3		CLAY (CL) medium plasticity, light red, siltstone fragments.	L	D	
								4		CLAY (CH) high plasticity, light red, clay 5% white mottles and 10% siltstone fragments.	L	D	N.F.R.S screen
										CLAY (CH) high plasticity, light red, siltstone chips.	F	M	
								5					

<b>LABORATORY DATA</b> 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	<b>FIELD DATA ABBREVIATIONS</b> Suv = Uncorrected vane shear (kPa) Sup = Pocket penetrometer (kPa) N = SPT blows per 300mm FPM = Field permeability  <b>GROUNDWATER SYMBOLS</b> ▼ = Water level (static) ▼ = Water level (during drilling) ↗ ↘ = Outflow / Inflow	<b>FIELD DATA SYMBOLS</b> × = 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	<b>DENSITY (N-value)</b> 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	<b>CONSISTENCY (Su)</b> 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
<b>MOISTURE CONDITION</b> D = Dry M = Moist W = Wet				

SKM 001 SOIL\_VT30318\_OLD\_LOGS.GPJ SKM\_001\_2008\_05\_07\_DS.GDT 13/3/09

