

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

Client: Circular Head Council  
 Start - Finish Date: 03/2/05 - 03/2/05  
 Bore dia: 130 mm

Driller: BFP  
 Rig: Proline Auger Rig  
 Surface Conditions:

Northing: 5475521.7mN Logged: DB  
 Eastings: 362276.8mE Checked:  
 RL: 42.5 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	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
											Silty CLAY: medium to high plasticity, orange/brown mottled orange and red, trace of fine grained siltstone gravel.	F to VSt	D	Backfill
									1		Silty CLAY: as above, green/brown, some fine grained siltstone/mudstone gravel.	H to VSt	M-D	
											BH7 terminated at 1.4 metres due to auger refusal on highly weathered siltstone bedrock.			
									2					
									3					
									4					
									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				