

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:

Northings: 5475860.8mN Logged: DB
 Eastings: 362270.9mE Checked:
 RL: 46.4 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
							●			Silty CLAY: medium to high plasticity, orange/brown mottled orange and red, trace of fine grained siltstone gravel.	St	D	Backfill
								1		Silty CLAY: as above, pale yellow, mottled orange.	VSt	D	
								3		Silty CLAY: as above, pale orange, mottled red and grey.	H	D	
								4		Silty CLAY: as above, red/orange mottled grey.	H	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	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
MOISTURE CONDITION D = Dry M = Moist W = Wet				

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											BH2 terminated at 5.0 metres on highly weathered siltstone bedrock.			
									6					
									7					
									8					
									9					
									10					

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