

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

Client: Circular Head Council
 Start - Finish Date: 22/8/00 - 22/8/00
 Bore dia: 100mm

Driller: S Heawood
 Rig: Trafus
 Surface Conditions:

Northings: 5475014.0mN Logged: A Ezzy
 Eastings: 362592.0mE Checked: A Waite
 RL: 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
											CLAY (CH) high plasticity, light brown-grey	F	M	Cement
											CLAY (CH) high plasticity, light grey	S	M	Broken clay overburden
									1		CLAY (CH) high plasticity, light grey-green	S/L	D	7mm Gravel
											CLAY (CH) high plasticity, light grey	S/L	D	
									2		CLAY (CH) high plasticity, light grey-green	S/L	D	
											CLAY (CH) high plasticity, light grey	S/L	D	
									3		CLAY (CH) high plasticity, yellow, siltstone chips	S/L	D	
											CLAY (CH) high plasticity, dark brown, 3% siltstone and mudstone chips	F	M	
									4		CLAY (CH) high plasticity, yellow brown	VL	W	
									5					NRFS Screen



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				










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

Client: Circular Head Council
 Start - Finish Date: 22/8/00 - 22/8/00
 Bore dia: 100mm

Driller: S Heawood
 Rig: Trafus
 Surface Conditions:

Northings: 5475014.0mN Logged: A Ezzy
 Eastings: 362592.0mE Checked: A Waite
 RL: 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
							●			CLAY (CH) high plasticity, yellow brown (continued)			Back Infill
							●	6		SILTSTONE dark grey	W		Bedrock - Precambrian Cowrie Siltstone
										End of hole due to auger refusal at 6.2 m			
								7					
								8					
								9					
								10					

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				