

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: 5475498.0mN Logged: A Ezzy
 Eastings: 362670.0mE Checked: A Waite
 RL: 41.2 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 |
| | | | | | | | | | | FILL: high plasticity clay, light red, siltstone fragments. | F | M | Bentonite |
| | | | | | | | | | | FILL: high plasticity clay, light red, 10% clay various coloured mottles. | F | M | Cover material-man made |
| | | | | | | | | 1 | | | | | Backfill of clay material |
| | | | | | | | | 2 | | FILL: high plasticity clay, white. | F | M | |
| | | | | | | | | 3 | | FILL: medical waste, clay green. | | | Medical waste |
| | | | | | | | | 3 | | End of hole at 3.0 m | | | |
| | | | | | | | | 4 | | | | | |
| | | | | | | | | 5 | | | | | |

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| 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 X = 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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