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TEST PIT LOG

HOLE NO: TP205

PROJECT : GUSBUS	JOB NO : QB10312.540	PAGE : 1 OF 1
POSITION :	SURFACE ELEVATION: 35.03m AHD	LOCATION : School Road
EQUIPMENT TYPE : Backhoe	CONTRACTOR : Abigroup	BUCKET WIDTH : m
DATE DRILLED : 21/11/12	LOGGED BY : AS	CHECKED BY : DWL
STANDARD :		

EXCAVATION & WATER DETAIL	LAB DATA				SAMPLES AND TESTS	RL (m)	DEPTH (m)	GRAPHIC LOG	USC	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE	CONSISTENCY/DENSITY	DCP (blows/100mm)	COMMENTS Field Test Data & Other Observations
	Moisture Content	Dry Density	% Fines	Atterberg Limits										
										TOPSOIL (SM): Brown, fine to medium, loamy sand.	M	F		
						0.30m				FILL Clayey SILT (CL-ML): Mottled grey/brown, low to medium plasticity, with rounded and angular coarse gravels, some rubber fragments, slightly moist, firm	D to M	F		
						0.70m				CLAY (CH): Dark grey, high plasticity, some silt, moist, firm	M	F		0.70: PP = 50 kPa Disturbed Sample: 0.70m to 1.30m Grading: Gravel = 23% Sand = 24% Fines = 53% Atterberg Limits: LL = 68%; PL = 24%; PI = 44%; LS = 12%; MC = 25.6% 10 Day Soaked CBR: CBR = 1.5% Swell = 8.6% 1.30: PP = 85 kPa
						1.30m				CLAY (CH): Dark grey, high plasticity, some silt, with minor organics, moist, firm to stiff	M	F to St		Disturbed Sample: 1.30m to 2.10m Grading: Gravel = 1% Sand = 28% Fines = 71% Atterberg Limits: LL = 92%; PL = 22%; PI = 70%; LS = 15%; MC = 17.9% 10 Day Soaked CBR: CBR = 1.5% Swell = 8.7%
						2.10m				CLAYEY SILT (CL-ML): Mottled brown, low to medium plasticity, trace sand, moist, firm to stiff	M	F to St		
						2.30m				CLAYEY SILT (CI-ML): Mottled orange brown, low to medium plasticity, with rounded river cobbles (>100mm), slightly moist, firm to stiff	D - M	F to St		
						2.50m				Test Pit Terminated at 2.50m				

<p>EXCAVATION</p> <p>N Natural/Existing cutting E Excavator BH Backhoe Bucket</p> <p>GROUNDWATER SYMBOLS</p> <p>▼ = Water level (static) ▽ = Water level (during excavation) ▶ = Water inflow</p>	<p>SAMPLES & FIELD TESTS</p> <p>B Bulk Sample D Small Disturbed Sample ES Env Soil Sample EW Env Water Sample HP Hand Penetrometer HV Hand Vane Shear (P: Peak Su, R: Residual Su)</p> <p>PHOTOGRAPHS NOTES</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>DENSITY</p> <p>VL Very Loose L Loose MD Medium Dense D Dense VD Very Dense CO Compact</p> <p>MOISTURE CONDITION D = Dry M = Moist W = Wet</p>	<p>CONSISTENCY (Su)</p> <p>VS Very Soft (0-12.5kPa) S Soft (12.5-25kPa) F Firm (25-50kPa) St Stiff (50-100kPa) VSt Very Stiff (100-200kPa) H Hard (>200kPa)</p>
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