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# TEST PIT LOG

HOLE NO: TP-SKM-204

PROJECT : GUSBUS	JOB NO : QB10312.540	PAGE : 1 OF 1
POSITION :	SURFACE ELEVATION: 35.1m AHD	LOCATION : School Road
EQUIPMENT TYPE : Backhoe	CONTRACTOR : Abigroup	BUCKET WIDTH : 300m
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										
						0.10m				BITUMEN: Black.	D	H		
						0.30m				SAND (SM): Pale grey, fine medium grained sand.	M	MD		0.10: Tree roots visible.
						0.75m				CLAY (CH): Brown mottled grey/ orange, medium to high plasticity, with some silt and trace sand, moist, firm to stiff	M	F to S		0.30: PP = 85 kPa  Atterberg Limits on Disturbed Sample (0.75m to 1.30m): LL = 69%; PL = 21%; PI = 48%; LS = 11.5%; MC = 24%  10 Day Soaked CBR: CBR = 1.5%; Swell = 8.6%
						1.30m				CLAY (CH): Mottled grey brown, medium to high plasticity, silty, moist, stiff to very stiff	M	St to VSt		1.30: with organics (roots), changing to grey with depth. PP = 75 kPa
						1.70m				SILT (ML): Mottled grey brown, medium plasticity, gravelly (< 26.5mm) extremely weathered rock, slightly moist, stiff to very stiff	D - M	St to VSt		Atterberg Limits on Disturbed Sample (1.70m to 2.50m): LL = 45%; PL = 25%; PI = 20%; LS = 10.5%; MC = 21.5%  10 Day Soaked CBR: CBR = 11.0%; Swell = 0.4%
						2.50m				Test-Pit Terminated at 2.50m				

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<b>EXCAVATION</b> N Natural/Existing cutting E Excavator BH Backhoe Bucket B Buldozer R Ripper	<b>SAMPLES &amp; FIELD TESTS</b> B Bulk Sample D Small Disturbed Sample ES Env Soil Sample EW Env Water Sample U Undisturbed Tube Sample W Water Sample HP Hand Penetrometer HV Hand Vane Shear (P: Peak Su, R: Residual Su)	<b>DENSITY</b> VL Very Loose L Loose MD Medium Dense D Dense VD Very Dense CO Compact	<b>CONSISTENCY (Su)</b> 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)
<b>GROUNDWATER SYMBOLS</b> = Water level (static) = Water level (during excavation) = Water inflow	<b>PHOTOGRAPHS NOTES</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<b>MOISTURE CONDITION</b> D = Dry M = Moist W = Wet	