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PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470453, N: 6949556 (56 MGA94) SURFACE ELEVATION : 60.5 (AHD) LOCATION : Brisbane Valley Hwy
 EQUIPMENT TYPE : 8t Excavator CONTRACTOR : Aussie Excavators BUCKET WIDTH : 0.6m
 DATE DRILLED : 13/4/11 to 13/4/11 LOGGED BY : LN CHECKED BY : VP STANDARD : AS1736

EXCAVATION & WATER DETAIL	LAB DATA				SAMPLES & FIELD DATA	DEPTH (m)	GRAPHIC LOG	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								
Groundwater					RL (m)							
					60.0	0.0-0.5	CLAY - sandy gravelly CLAY, medium plasticity, dark grey to black, fine to medium sand, trace fine gravel, moist, stiff.	M	St		0.00: TOPSOIL 0.0 m - 0.3 m	
					0.70m 0.70m D-DS 1	0.70m	CLAY - sandy CLAY, high plasticity, dark grey to black, fine to medium sand, with some gravel (increasing), moist, stiff to very stiff.	M	St - VSt		0.70: Shear Vane P = 140 kPa / R = 40 kPa	
					59.5	1.00	SAND - clayey gravelly SAND, fine to medium sand, some fine gravel, dark brown, moist, medium dense.	M	MD			
					1.50m 1.50m B-DS 2	1.40m	SAND - gravelly silty SAND, fine to medium sand, medium gravel, medium plasticity fines, yellow brown, trace of cobbles, moist, dense to very dense, extremely weathered basalt.	M	D - VD			
				2.20m 2.20m D-DS 3	2.20m	SAND - silty gravelly SAND, low plasticity fines yellow brown, moist, very dense, extremely weathered basalt, coarse grain angular gravel, low strength.	M	VD				
				58.0	2.50	Test pit refused at 2.5 m. No water encountered.						
					57.5	3.0						
					57.0	3.5						
					56.5	4.0						
					56.0	4.5						

SKM AGS REV02.1 (WORKIN-BRISBANE)\GLB_Log_SKM_TEST_PIT_LOG_BRISBANE_VALLEY_GRADE_SEPARATION_TP-AH_AND_BH_LOGS.GPJ <-DrawingFiles> 28/11/2011 10:12

EXCAVATION N Natural/Existing cutting E Excavator BH Backhoe Bucket B Bulldozer R Ripper	SAMPLES & FIELD TESTS 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)	DENSITY VL Very Loose L Loose MD Medium Dense D Dense VD Very Dense CO Compact MOISTURE CONDITION D = Dry M = Moist W = Wet	CONSISTENCY (Su) 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)
GROUNDWATER SYMBOLS ▽ = Water level (static) ▽ = Water level (during excavation) ◀ = Water inflow	PHOTOGRAPHS NOTES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		