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PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470455, N: 6949621 (56 MGA94) SURFACE ELEVATION : 51.3 (AHD) LOCATION : Brisbane Valley Hwy
 EQUIPMENT TYPE : 8t Excavator CONTRACTOR : Aussie Excavators BUCKET WIDTH : 0.6m
 DATE DRILLED : 12/4/11 to 12/4/11 LOGGED BY : LN CHECKED BY : VP STANDARD : AS1736

EXCAVATION & WATER DETAIL	LAB DATA				SAMPLES & FIELD DATA	RL (m)	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								ASPHALT BASE COARSE - fine to coarse gravel, bluestone, moist, medium dense.	M	MD		0.00: FILL	
						50.8 - 0.5	0.50m	CLAY - high plasticity, light redish-brown, moist, stiff.	D	St		0.50: NATURAL	
						50.3 - 1.0		Becoming very stiff.				1.00: Shear Vane P = 112 kPa	
					1.20m D-DS 1	1.20m							
						49.8 - 1.5						1.50: Shear Vane P = 132 kPa	
					1.70m B-DS 2	1.70m				M	VSt		
						49.3 - 2.0							
					48.8 - 2.5	2.50m		SAND - silty SAND, orange/red/light grey mixture, trace fine gravel, moist, dense.	M	D			
					48.3 - 3.0	2.70m 2.80m		BASALT - highly weathered, large cobbles, low strength.	M				
					48.3 - 3.0			SILT - low plasticity, cream, moist, hard.	M	H			
					47.8 - 3.5	3.20m		Test pit terminated at 3.2 m. No water encountered.					
					47.3 - 4.0								
					46.8 - 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 10:08

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	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	MOISTURE CONDITION D = Dry M = Moist W = Wet	