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PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470935, N: 6949618 (56 MGA94) SURFACE ELEVATION : 55.9 (AHD) LOCATION : Brisbane Valley Hwy
 EQUIPMENT TYPE : 8t Excavator CONTRACTOR : Aussie Excavators BUCKET WIDTH : 0.6m
 DATE DRILLED : 11/4/11 to 11/4/11 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								CLAY - sandy CLAY, high plasticity, fine to coarse sand, red-brown, moist, stiff.	M	St		0.00: TOPSOIL 0.0 m - 0.3 m	
						55.4-0.5	0.40m	CLAY - sandy CLAY, high plasticity, fine to coarse sand, light brown, moist, very stiff.	M	VSt			
					0.70m D-DS 1		0.80m	SAND - silty SAND, light yellow-brown, moist, dense, (extremely weathered medium to coarse grained tuff, extremely low strength).	M	D			
					1.10m B-DS 2		1.10m	Becoming very dense.	M	VD			
						54.9-1.0	1.30m	BASALT - highly weathered, massive vesicular, dark red-brown mottled dark grey, extremely low strength to low strength.	M				
						53.9-2.0	2.00m	SAND - gravelly SAND, gravel to 15 mm, light red-yellow-brown, very dense.	M	VD			
					53.4-2.5	2.30m	Test pit refused at 2.3 m. No water encountered.						
						52.9-3.0							
						52.4-3.5							
						51.9-4.0							
						51.4-4.5							

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	