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PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 471102, N: 6949591 (56 MGA94) SURFACE ELEVATION : 51.1 (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 - silty CLAY, high plasticity, dark grey to black with orange mottling, moist, soft.	M	S		0.00: FILL	
						50.6 - 0.5	0.50m	CLAY - high plasticity, dark grey to black, moist, soft.	M	S		0.50: NATURAL	
					0.90m	50.1 - 1.0	0.90m	Becoming firm to stiff.	M	F to St			
							1.20m	Becoming very stiff.	M	VSt			
					1.80m	49.6 - 1.5	1.50m	CLAY - sandy CLAY, high plasticity, dark brown to dark grey, fine to medium sand, with fine to medium grain clast of very low strength, moist, very stiff, some roots.	M	VSt			
					1.80m	49.1 - 2.0			M	VSt			
					2.20m	48.6 - 2.5	2.30m	SAND - fine to coarse grained, brown colour, trace of fine angular gravel, moist, dense.	M	D			
					2.20m	48.6 - 2.5	2.50m	SAND - silty SAND, yellow brown, some angular coarse grained gravel and cobbles, moist, very dense. Gravel - slightly weathered, fine grained vesicular basalt, fractured, irregular weathered, brown to dark grey.	M	VD			
					48.1 - 3.0		Test pit refused at 2.7 m. No water encountered.						
					47.6 - 3.5								
					47.1 - 4.0								
					46.6 - 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> 29/11/2011 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			