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PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470724, N: 6949609 (56 MGA94) SURFACE ELEVATION : 58.1 (AHD) LOCATION : Brisbane Valley Hwy
 EQUIPMENT TYPE : 5t Excavator CONTRACTOR : Aussie Excavators BUCKET WIDTH : 0.5m
 DATE DRILLED : 15/4/11 to 15/4/11 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					0.60m 0.60m D-DS 1	57.6 - 0.5	CLAY - low plasticity, dark brown, trace of vesicular tuff cobbles, moist, stiff.	M	St	5	0.00: TOPSOIL 0.0 m - 0.3 m	
					0.80m	57.1 - 1.0	CLAY - low plasticity, light yellow-orange, moist, very stiff.	M	VSt	10	0.70: Shear Vane = 110 / 64 kPa	
					1.30m	56.6 - 1.5	CLAY - silty CLAY, low plasticity, light orange-red, moist, very stiff.	M	VSt	15		
					1.90m	56.1 - 2.0	SILT - sandy gravelly SILT, low plasticity, light orange mottled grey, fine to coarse sand, fine gravel, moist, very stiff.	M	VSt	20		
					2.00m 2.00m B-DS 2	56.1 - 2.0	SILT - sandy SILT, low plasticity, light cream mottled grey, fine to coarse sand, moist, hard.	M	H			
				2.30m 2.30m D-DS 3	55.6 - 2.5	2.60m	Test pit terminated at 2.6 m. No water encountered.					
					55.1 - 3.0							
					54.6 - 3.5							
					54.1 - 4.0							
					53.6 - 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	