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PROJECT : Brisbane Valley Grade Separation      JOB NO : QB10200.4      PAGE : 1 OF 1  
 POSITION : E: 470285, N: 6949766 (56 MGA94)      SURFACE ELEVATION : 64.0 (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	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)							
					0.30m		SAND - silty SAND, fine to medium sand, dark brown, moist, loose.	M	L		0.00: TOPSOIL	
					0.80m		CLAY - silty CLAY, medium plasticity, red-brown, moist, firm to stiff.	M	F to S		0.30: Shear Vane P = 80 kPa / R = 64 kPa	
					0.80m D-DS 1	0.80m	CLAY - high plasticity, red, moist, stiff, some extremely weathered Tuff.	M	St			
					1.20m		Light brown-red.	M	St			
					1.50m	1.50m	CLAY - silty CLAY, high plasticity, light red-brown mottled orange-red, moist, very stiff.	M	VSt			
				1.50m B-DS 2	1.70m	SILT - sandy SILT, high plasticity, orange-red mottled yellow-cream, fine to medium sand, moist, hard.	M	H				
				1.90m	2.10m	SAND - silty gravelly SAND, fine to medium sand, fine to coarse gravel, cream mottled orange, high plasticity fines, moist, dense to very dense.	M	D to VD				
				1.90m D-DS 3	2.20m							
				2.20m	2.30m							
				2.20m B-DS 4		Test pit refused at 2.3 m. No water encountered.						
					61.5-2.5							
					61.0-3.0							
					60.5-3.5							
					60.0-4.0							
					59.5-4.5							

SKM AGS REV02.1 (WORKIN-BRISBANE)\GLOB Log SKM TEST PIT LOG BRISBANE VALLEY GRADE SEPARATION TP-AH AND BH LOGS.GPJ <-DrawingFiles> 29/11/2011 10:08

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