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PROJECT : Brisbane Valley Grade Separation      JOB NO : QB10200.4      PAGE : 1 OF 1  
 POSITION : E: 470459, N: 6949762 (56 MGA94)      SURFACE ELEVATION : 55.8 (AHD)      LOCATION : Brisbane Valley Hwy  
 EQUIPMENT TYPE : 5t Excavator      CONTRACTOR : Aussie Excavators      BUCKET WIDTH : 0.5m  
 DATE DRILLED : 18/4/11 to 18/4/11      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						55.3	0.5		CLAY - high plasticity, light red-brown, moist to wet, firm.	W	F		0.00: FILL
					0.80m 0.80m D-DS 1	54.8	1.0		ASPHALT BASE COARSE, moist, loose.	M	L		0.80: Shear Vane P = 40 kPa 0.90: FILL
						54.3	1.5		CLAY - sandy gravelly CLAY, red-brown, fine to coarse sands, fine gravels, moist, stiff.				1.30: NATURAL
						53.0	2.0			M	St		
					2.60m 2.60m B-DS 2	53.3	2.5		Becoming very stiff, red mottled brown.	M	VSt		
					52.8	3.0		Test pit terminated at 2.9 m. No water encountered.					
					52.3	3.5							
					51.8	4.0							
					51.3	4.5							

<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	