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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470391, N: 6949630 (56 MGA94)	SURFACE ELEVATION : 58.7 (AHD)	LOCATION : Brisbane Valley Hwy
EQUIPMENT TYPE : 5t Excavator	CONTRACTOR : Aussie Excavators	BUCKET WIDTH : 0.5m
DATE DRILLED : 14/4/11 to 14/4/11	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					0.60m D-DS 1	58.2-0.5	0.70m	CLAY - high plasticity, dark grey-black, trace of sand increasing with depth, moist, firm to stiff.	M	F to S	5	0.00: TOPSOIL 0.0 m - 0.3 m	
						57.7-1.0	1.20m	CLAY - medium plasticity, orange red, moist stiff.	M	St	10	0.50: Shear Vane P = 80 kPa / R = 24 kPa	
					1.60m B-DS 2	57.2-1.5	1.60m	SILT - sandy SILT, low plasticity, light cream grey, trace of clay, very stiff.	M	VSt	15		
						56.7-2.0	2.20m	SILT - clayey sandy SILT, low plasticity, light grey with orange mottling, some fine gravel, moist, very stiff.	M	VSt	20		
					2.40m D-DS 3	56.2-2.5	2.40m	SAND - silty sand, fine to medium sand, orange with grey mottling, moist, dense.	M	D			
						2.60m	2.60m	Decreasing silt content.	M	D			
						55.7-3.0	2.80m	Test pit terminated at 2.8 m. No water encountered.					

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

<b>EXCAVATION</b> N Natural/Existing cutting E Excavator BH Backhoe Bucket B Bulldozer R Ripper  <b>GROUNDWATER SYMBOLS</b> = Water level (static) = Water level (during excavation) = Water inflow	<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>PHOTOGRAPHS NOTES</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<b>DENSITY</b> VL Very Loose L Loose MD Medium Dense D Dense VD Very Dense CO Compact  <b>MOISTURE CONDITION</b> D = Dry M = Moist W = Wet	<b>CONSISTENCY (Su)</b> VS Very Soft (0-12.5kPa) S Soft (12.5-25kPa) MD Medium Dense (25-50kPa) F Firm (50-100kPa) St Stiff (100-200kPa) VSt Very Stiff (100-200kPa) H Hard (>200kPa)
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