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SOIL LOG

HOLE NO: **AHBV 7**

PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470651, N: 6949789 (56 MGA94) SURFACE ELEVATION : 51.6 (AHD) LOCATION : Brisbane Valley Hwy
 RIG TYPE : Nissan Rig CONTRACTOR : R. Battison BUCKET WIDTH : 0.1m
 DATE DRILLED : 6/5/11 to 6/5/11 LOGGED BY : LN CHECKED BY : VP STANDARD : AS1736

DRILLING & WATER DETAIL	LAB DATA				SAMPLES & FIELD DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	C.O.C.	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	Aterberg Limits										
						0.20m		ASPHALT		ASPHALT	D	VD		0.00: ASPHALT
						B-DS 1								
						0.40m		GRAVEL - sandy silty GRAVEL, fine to coarse sand and gravel, brown grey, low plasticity silt fines, moist, very dense.			M	VD		0.15: ROADBASE
								GM						
						0.70m		CLAY - gravelly sandy CLAY, high plasticity, dark grey, fine to medium sand, fine gravel, moist, stiff to very stiff.			M	St - VSt		0.46: FILL
								CH						
						0.81m		CLAY - gravelly sandy silty CLAY, high plasticity, dark grey, fine to coarse sand, fine gravel, moist, stiff.			M	St		0.70: NATURAL
								CH						
						1.00m		CLAY - silty CLAY, high plasticity, dark grey streaked orange brown, moist, stiff.						1.10: PP = 200 kPa @ 1.4 m, PP = 170 kPa @ 1.8 m
								CH						
						50.1-1.5					M	St		
								CH						
						49.6-2.0		CLAY - silty CLAY, high plasticity, grey streaked orange brown, moist, stiff.						2.20: PP = 190 kPa @ 2.6 m
								CH						
						49.1-2.5					M	St		
								CH						
						48.6-3.0		Terminated @ 3.0m.						

DRILLING HA Hand Auger HQ HQ Coring AS Auger NQ NQ Coring WB Washbore PQ PQ Coring RR Rock Rolling NMLC NMLC Coring GROUNDWATER SYMBOLS = Water level (static) = Water level (during drilling) = Water inflow (during drilling)	SAMPLES & FIELD TESTS D Small Disturbed Sample SPT SPT Sample ES Env Soil Sample U Undisturbed Tube Sample EW Env Water Sample W Water Sample B Bulk Disturbed Sample MOISTURE CONDITION D = Dry M = Moist W = Wet	DCP- N (Blows/100mm) VS Very Soft 0 - 1 S Soft 1 - 2 F Firm 2 - 3 St Stiff 3 - 7 VSt Very Stiff 7 - 12 H Hard >12/100mm	CONSISTENCY (Su) {N-value} VS Very Soft < 12 kPa {0-2} S Soft 12 - 25 {2-4} F Firm 25 - 50 {4-8} St Stiff 50 - 100 {8-15} VSt Very Stiff 100 - 200 {15-30} H Hard > 200 kPa {>30}
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