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SOIL LOG

HOLE NO: **AHBV 11**

PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 471564, N: 6949459 (56 MGA94)	SURFACE ELEVATION : 42.5 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 1/6/11 to 1/6/11	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	Atterberg Limits										
					0.15m D-DS1				PHALIC ASPHALT CONCRETE PHALIC ASPHALT - no cement treated. CONCRETE	M			0.00: ASPHALT 0.04: ASPHALT	
					0.45m D-DS2			GM	GRAVEL - silty, sandy GRAVEL, fine to medium gravel, dark grey, fine to coarse sand, high plasticity fines, moist, very dense.	M	VD		0.13: ROADBASE	
					0.80m D-DS3			GM	GRAVEL - silty, sandy GRAVEL, fine to medium gravel, brown to grey, fine to coarse sand, high plasticity fines, moist, very dense.	M	VD		0.50: SUB BASE	
					1.30m D-DS4			CH	CLAY - silty CLAY, of high plasticity, grey mottled orange, moist, stiff to very stiff.	M	St-VSt		0.90: NATURAL	
								SM	some fine angular gravel, low strength, trace fine sand, weathered tuff SAND - silty SAND, fine to medium sand, trace to minor fine gravel, orange brown, moist, very dense.	M	VD			
								SM	SAND - silty SAND, fine to medium sand, trace to minor fine gravel, orange brown, moist, very dense.	M	VD			
									Terminated @ 1.7 m. No water encountered.					

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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