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SOIL LOG

HOLE NO: **AHBV 1**

PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470367, N: 6949364 (56 MGA94)	SURFACE ELEVATION : 66.9 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 2/5/11 to 2/5/11	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	Atterberg Limits										
					0.05m B-DS 1					PHALIC ASPHALT - spray sealed (0.03m thick), very dense.	D	VD		0.00: Spray Seal 0.03: ROADBASE
						66.4	0.05			GRAVEL - silty sandy GRAVEL, fine to coarse sand and gravel, grey brown, moist, very dense.	M	VD		
							0.45m							0.45: NATURAL
						66.4	0.5			CLAY - gravelly sandy CLAY, low plasticity, yellow orange to grey, fine to medium sand, trace of fine to coarse gravel, moist, very stiff to hard.	M	VSt - H		
							0.80m							
						65.9	1.0			SAND - silty gravelly SAND, fine to coarse sands, fine to medium gravel, yellow brown, trace of high plasticity clay fines, dense to very dense.	M	D - VD		
					1.00m B-DS 2		1.00m							
						65.9	1.0			CLAY - sandy CLAY, high plasticity, orange mottled grey, some fine to medium sand, moist, hard.	M	H		
							1.25m			CLAY - sandy CLAY, high plasticity, light grey mottled orange, some fine to medium sand, moist, very stiff.				1.25: PP = 240 kPa @ 1.25 m PP = 270 kPa @ 1.8 m
					1.40m	65.4	1.5				M	VSt		
							1.80m			CLAY - sandy CLAY, high plasticity, light grey, some fine to medium sand, moist, hard.				
						64.9	2.0				M	H		
							2.30m			CLAY - silty CLAY, high plasticity, light grey mottled orange, moist, hard.				
						64.4	2.5				M	H		
							3.00m			Terminated @ 3.0 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				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				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}	
GROUNDWATER SYMBOLS = Water level (static) = Water level (during drilling) = Water inflow (during drilling)				MOISTURE CONDITION D = Dry M = Moist W = Wet							