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SOIL LOG

HOLE NO: **AHBV 27**

PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470364, N: 6949889 (56 MGA94) SURFACE ELEVATION : 58.0 (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	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									
					RL (m)								
					0.40m B-D5 1	57.5-0.5		SC	SAND - clayey SAND, fine to medium sand, dark brown, medium plasticity clay fines, moist, loose.	M	L		
					0.60m U-2				CLAY - sandy silty CLAY, high plasticity, grey mottled brown, fine to coarse sand, moist, stiff.				
					0.80m								
					0.92m	57.0-1.0				M	St		
						56.5-1.5							
								CH					
						56.0-2.0			CLAY - silty CLAY, high plasticity, grey mottled red brown, moist, stiff.	M	VSt		0.10: PP = 210 kPa @ 0.9 m, PP = 230 kPa @ 1.4 m, PP = 350 kPa @ 1.9 m, U50 PP = 260 kPa @ 0.6 m
								CH					
						55.5-2.5			CLAY - silty CLAY, high plasticity, grey mottled orange brown, moist, hard.	M	H		
								CH					
						55.0-3.0			CLAY - silty CLAY, high plasticity, grey mottled orange brown, moist, hard.	M	H		
								CH					
									Terminated @ 3.0m. 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							