SOIL LOG

HOLE NO: **AHBV 29**

PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 2
POSITION : E: 470441, N: 6949905 (56 MGA94)	SURFACE ELEVATION : 56.1 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 20/5/11 to 20/5/11	LOGGED BY : LN CHECKED BY : VP	STANDARD : AS1736

DRILLING & WATER DETAIL	LAB DATA: Moisture Content	Dry Density	% Fines	Atterberg Limits	SAMPLES & FIELD DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	U.S.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
										CLAY - silty CLAY, high plasticity, grey streaked orange brown, moist, firm.	M	F		0.00: NATURAL
									CH					
					0.40m D-DS 1 B-DS 2					0.40m CLAY - sandy silty CLAY, high plasticity, grey streaked orange brown, fine to coarse sand, moist, stiff.				0.40: U50 PP = 240 kPa @ 0.6m
						55.6	0.5				M	St		
					0.60m U-3				CH					
					0.80m 0.82m					0.80m CLAY - silty CLAY, high plasticity, grey streaked orange brown, moist, very stiff.				0.80: PP = 220 kPa @ 0.8m
						55.1	1.0				M	VSt		
									CH	1.30m CLAY - silty CLAY, high plasticity, grey mottled orange brown, some fine to medium gravel, moist, hard.				1.30: PP = 400 kPa @ 1.3 m
						54.6	1.5		CH		M	H		
										1.60m CLAY - sandy CLAY, low plasticity, grey streaked orange brown, fine sand, moist, hard.				
						54.1	2.0				M	H		
						53.6	2.5							
									CL	2.90m CLAY - silty CLAY, medium plasticity, orange grey, moist, very stiff.				
						53.1	3.0				M	VSt		

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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						52.1	4.0		CI	CLAY - silty CLAY, medium plasticity, orange grey, moist, very stiff. *(continued)*	M	VSt		
						51.6	4.5			4.50m Terminated @ 4.5m. No water encountered.				
						51.1	5.0							
						50.6	5.5							
						50.1	6.0							
						49.6	6.5							

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