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: 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
									ASPHALTIC CONCRETE	ASPHALT 0.15m	D	VD		0.00: ASPHALT
					0.20m B-DS 1 0.40m				GM	GRAVEL - sandy silty GRAVEL, fine to coarse sand and gravel, brown grey, low plasticity silt fines, moist, very dense. 0.46m	M	VD		0.15: ROADBASE
						51.1	0.5		CH	CLAY - gravelly sandy CLAY, high plasticity, dark grey, fine to medium sand, fine gravel, moist, stiff to very stiff. 0.70m	M	St - VSt		0.46: FILL
					0.70m B-DS 2 0.75m U-3 0.81m									0.70: NATURAL
					1.00m	50.6	1.0		CH	CLAY - gravelly sandy silty CLAY, high plasticity, dark grey, fine to coarse sand, fine gravel, moist, stiff. 1.10m	M	St		
						50.1	1.5			CLAY - silty CLAY, high plasticity, dark grey streaked orange brown, moist, stiff.	M	St		1.10: PP = 200 kPa @ 1.4 m, PP = 170 kPa @ 1.8 m
						49.6	2.0		CH	 2.20m				
						49.1	2.5			CLAY - silty CLAY, high plasticity, grey streaked orange brown, moist, stiff.	M	St		2.20: PP = 190 kPa @ 2.6 m
									CH	 3.00m				
						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}