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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 2
POSITION : E: 471054, N: 6949642 (56 MGA94)	SURFACE ELEVATION : 51.4 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 28/4/11 to 28/4/11	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										
										0.00m	D	VD		0.00: ASPHALT
										0.13m				
									GM	GRAVEL - silty sandy GRAVEL, fine to coarse gravel and sand, dark grey, low plasticity silt fines, moist, very dense.	M	VD		0.13: ROADBASE
										0.38m				
									CH	CLAY - gravelly sandy CLAY, high plasticity, dark brown streaked orange, fine to coarse sand and gravel, moist, stiff.	M	St		0.38: FILL
										0.60m				
									CH	CLAY - gravelly sandy CLAY, high plasticity, dark brown streaked orange, fine to coarse sand and gravel, moist, stiff.	M	VSt		0.60: FILL
										0.95m				
										CLAY - sandy CLAY, high plasticity, dark grey streaked orange, fine to medium sand, moist, firm to stiff.				
										1.10m				
										U-1				
										1.27m				
									CH		M	F - St		
										1.40m				
										CLAY - high plasticity, dark grey streaked orange, moist, stiff. Some root material present.				
										1.50m				
										CLAY - high plasticity, dark grey streaked orange, moist, stiff to very stiff.				
										2.30m				
									CH		M	St		
										2.50m				
									CH		M	St - VSt		
										2.70m				
									CH	CLAY - high plasticity, dark grey, trace of limestone gravel, moist, very stiff.	M	VSt		
										3.10m				
									SM	SAND - silty SAND, fine to coarse, trace to minor fine gravel, yellow orange, moist, very dense.	M	VD		
										3.40m				
									SM	SAND - silty SAND, fine to coarse, trace to minor fine gravel, yellow orange, moist, very dense.		VD		

DRILLING				SAMPLES & FIELD TESTS				DCP- N (Blows/100mm)		CONSISTENCY (Su) {N-value}			
HA	Hand Auger	HQ	HQ Coring	D	Small Disturbed Sample	SPT	SPT Sample	VS	Very Soft	0 - 1	VS	Very Soft	< 12 kPa {0-2}
AS	Auger	NQ	NQ Coring	ES	Env Soil Sample	U	Undisturbed Tube Sample	S	Soft	1 - 2	S	Soft	12 - 25 {2-4}
WB	Washbore	PQ	PQ Coring	EW	Env Water Sample	W	Water Sample	F	Firm	2 - 3	F	Firm	25 - 50 {4-8}
RR	Rock Rolling	NMLC	NMLC Coring	B	Bulk Disturbed Sample			St	Stiff	3 - 7	St	Stiff	50 - 100 {8-15}
GROUNDWATER SYMBOLS				MOISTURE CONDITION				VSt	Very Stiff	7 - 12	VSt	Very Stiff	100 - 200 {15-30}
▼ = Water level (static)				D = Dry M = Moist W = Wet				H	Hard	>12/100mm	H	Hard	> 200 kPa {>30}
▽ = Water level (during drilling)													
► = Water Inflow (during drilling)													



SOIL LOG

HOLE NO: **AHBV 8**

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RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 28/4/11 to 28/4/11	LOGGED BY : LN	CHECKED BY : VP
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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	Aterberg Limits										
						47.4	4.0			Terminated @ 3.5m. No water encountered.			5 10 15 20	
						46.9	4.5							
						46.4	5.0							
						45.9	5.5							
						45.4	6.0							
						44.9	6.5							

DRILLING				SAMPLES & FIELD TESTS				DCP- N (Blows/100mm)		CONSISTENCY (Su) {N-value}			
HA	Hand Auger	HQ	HQ Coring	D	Small Disturbed Sample	SPT	SPT Sample	VS	Very Soft	0 - 1	VS	Very Soft	< 12 kPa {0-2}
AS	Auger	NQ	NQ Coring	ES	Env Soil Sample	U	Undisturbed Tube Sample	S	Soft	1 - 2	S	Soft	12 - 25 {2-4}
WB	Washbore	PQ	PQ Coring	EW	Env Water Sample	W	Water Sample	F	Firm	2 - 3	F	Firm	25 - 50 {4-8}
RR	Rock Rolling	NMLC	NMLC Coring	B	Bulk Disturbed Sample			St	Stiff	3 - 7	St	Stiff	50 - 100 {8-15}
GROUNDWATER SYMBOLS				MOISTURE CONDITION				VSt	Very Stiff	7 - 12	VSt	Very Stiff	100 - 200 {15-30}
▼ = Water level (static)				D = Dry M = Moist W = Wet				H	Hard	>12/100mm	H	Hard	> 200 kPa {>30}
▽ = Water level (during drilling)													
▶ = Water Inflow (during drilling)													