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SOIL LOG

HOLE NO: **AHBV 34**

PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 2
POSITION : E: 469835, N: 6949629 (56 MGA94)	SURFACE ELEVATION : 59.6 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 5/5/11 to 5/5/11	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	Aterberg Limits										
									SM	SAND - silty SAND, fine to medium sand, dark brown, low plasticity silt fines, moist, loose.	M	L		0.00: FILL
										CLAY - gravelly sandy CLAY, medium plasticity, light brown mottled red and grey fine to medium sand, trace coarse sand, fine gravel, moist, stiff.	M	St		0.10: FILL U50 @ 0.6 m PP > 600 kPa
						0.60m U-5	59.1-0.5		CI	CLAY - gravelly sandy CLAY, high plasticity, brown grey streaked orange, fine to medium sand, trace of coarse sand, fine gravel, moist, stiff.	M	H		0.65: FILL
						0.71m			CH	CLAY - gravelly sandy silty CLAY, high plasticity, light orange brown, fine to coarse sand, fine gravel, moist, very stiff to hard.	M	VSt - H		1.00: FILL
						1.10m B-DS 1	58.6-1.0							
						1.50m	58.1-1.5							
							57.6-2.0		CH					
						2.35m D-DS 2				CLAY - silty CLAY, high plasticity, grey, trace of fine sand, moist, hard.	M	H		2.35: NATURAL
						2.50m	57.1-2.5							
							56.6-3.0		CH					
						3.30m D-DS 3				CLAY - silty CLAY, high plasticity, brown grey, some fine sand, organic odour, moist, hard.	M	H		
						3.40m								

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)													

