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SOIL LOG

HOLE NO: **AHBV 24**

PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470452, N: 6949724 (56 MGA94)	SURFACE ELEVATION : 56.6 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 1/6/11 to 1/6/11	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										
									CH	CLAY - silty CLAY, high plasticity, orange- brown grey, moist, stiff.	M	St		
										CLAY - silty CLAY, medium plasticity, orange brown, trace fine gravel, moist, stiff to very stiff.	M	VSt		
						0.50m D-DS1	56.1-0.5		CI	CLAY - gravelly sandy silty CLAY, medium plasticity, orange brown, fine to coarse sand, fine gravel, moist, stiff.	M	VSt		
						1.00m	55.6-1.0		CI					
									SM	SAND - silty SAND, fine to medium sand, trace fine gravel, light orange brown, moist, dense.	M	D		
									CH	CLAY - gravelly, sandy CLAY, medium to high plasticity, red to brown, fine to medium sand, fine to medium gravel, moist, very stiff to hard.	M	H		
						1.60m D-DS2	55.1-1.5			CLAY - sandy CLAY, high plasticity, red brown mottled grey, fine to medium sand, moist, hard.				
							54.6-2.0							
						2.20m								
							54.1-2.5							
									CH					
							53.6-3.0			Terminated @ 3.0m. No water encountered.				

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}
<div>GROUNDWATER SYMBOLS</div> <div>▼ = Water level (static)</div> <div>▽ = Water level (during drilling)</div> <div>► = Water Inflow (during drilling)</div>				<div>MOISTURE CONDITION</div> <div>D = Dry M = Moist W = Wet</div>				VSt	Very Stiff	7 - 12	VSt	Very Stiff	100 - 200 {15-30}
								H	Hard	>12/100mm	H	Hard	> 200 kPa {>30}