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SOIL LOG

HOLE NO: **AHBV 6**

PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470336, N: 6950163 (56 MGA94) SURFACE ELEVATION : 59.7 (AHD) LOCATION : Brisbane Valley Hwy
 RIG TYPE : Nissan Rig CONTRACTOR : R. Battison BUCKET WIDTH : 0.1m
 DATE DRILLED : 2/5/11 to 2/5/11 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										
									GM	GRAVEL - silty sandy GRAVEL, fine to coarse sand and gravel, brown, low plasticity silt fines, some high plasticity clay fines, moist, very dense.	M	VD		0.00: FILL
						0.17m				CLAY - sandy silty CLAY, high plasticity, red mottled grey brown, fine to coarse sand, moist, hard	M	H		0.17: U50 PP = 520 kPa @ 0.7 m
						0.40m B-DS 1	59.2-0.5		CH					
						0.70m U-3			CH					
						0.80m			CH	CLAY - silty CLAY, high plasticity, red mottled grey brown, medium plasticity silt fines, moist, very stiff.	M	VSt		
						0.86m			CH					
						58.7-1.0			CH					
						1.20m			CH	CLAY - sandy CLAY, high plasticity, orange brown, fine to medium sand, moist, hard.	M	H		
						1.40m B-DS 2	58.2-1.5		CH	CLAY - sandy CLAY, high plasticity, light grey streaked orange, fine sand, trace of extremely weathered and extremely low strength fine to medium ironstone gravel, moist, hard.	M	H		
						1.80m			CH					
						57.7-2.0			CH	CLAY - sandy CLAY, high plasticity, light grey streaked orange, fine sand, trace of extremely weathered and extremely low strength fine to medium ironstone gravel, moist, hard.	M	H		
						2.00m			CH					
						57.2-2.5			CH	CLAY - sandy CLAY, high plasticity, light grey, fine sand, trace of extremely weathered and extremely low strength fine to medium ironstone gravel, moist, hard.	M	H		
						2.50m			CH					
						2.85m			CH	CLAY - sandy CLAY, high plasticity, light grey, fine sand, trace of extremely weathered and extremely low strength fine to medium ironstone gravel, moist, hard.	M	H		
						3.00m				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}		
GROUNDWATER SYMBOLS				MOISTURE CONDITION				VS	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)															