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PROJECT : Brisbane Valley Grade Separation

JOB NO : QB10200.4

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POSITION : E: 471088, N: 6949584 (56 MGA94)

SURFACE ELEVATION : 51.3 (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										
									G	GRAVEL - silty sandy GRAVEL, fine to coarse sand, brown, moist, dense.	M	D	5	0.00: ROADBASE
						0.20m			G	GRAVEL - silty sandy GRAVEL, fine to coarse sand, fine to medium gravel, yellow orange, trace clay, low strength, moist, medium dense.	M	VSt	10	0.20: SUB BASE
						0.90m			CH	CLAY -sandy CLAY, high plasticity, dark grey to black, fine to coarse sand, trace gravel (fine ironstone), moist, very stiff.			15	0.30: NATURAL PP @ 0.9m = 500 kPa
						1.12m								
						49.8	-1.5							
						49.3	-2.0			SAND - silty SAND, fine to medium sand, some coarse sand, fine gravel, yellow orange, moist, dense.	M	D	20	
						48.8	-2.5			SAND - silty SAND, fine to medium sand, some coarse sand, fine gravel, yellow orange, moist, dense.				
						48.3	-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}
GROUNDWATER SYMBOLS				MOISTURE CONDITION				VS ^t	Very Stiff	7 - 12	VS ^t	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)													