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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470667, N: 6949704 (56 MGA94)	SURFACE ELEVATION : 54.6 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 3/5/11 to 3/5/11	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										
						0.14m			PHALIC CONCRETE	ASPHALT - fine to coarse sand and gravel.	D	VD		0.00: ASPHALT
					B-DS 1				GM	GRAVEL - silty sandy GRAVEL, fine to coarse sand and gravel, dark grey, moist, very dense.	M	VD		0.14: BASECOURSE
					0.39m				GM	GRAVEL - silty sandy GRAVEL, fine to coarse sand and gravel, orange grey, moist, very dense. Some rounded cobbles, trace of high plasticity fines.	M	VD		0.39: SUB BASE - FILL
					54.1-0.5				SC	SAND - clayey SAND, fine to medium sand, brown, low plasticity clay fines, moist, loose.	M	L		0.55: FILL, U50 PP = 100 kPa @ 0.8m
					0.80m					CLAY - sandy silty CLAY, high plasticity, orange brown mottled dark grey, fine sand, trace of medium sand, moist, stiff.				0.75: FILL
					U-3									
					0.90m									
						53.6-1.0					M	St		
									CH					
					1.40m					CLAY - silty CLAY, high plasticity, dark grey, moist, stiff.				1.40: NATURAL
					B-DS 2									
						53.1-1.5								
											M	St		
					1.80m									
						52.6-2.0								
									CH					
						52.1-2.5				CLAY - silty CLAY, high plasticity, dark grey streaked orange , moist, stiff.	M	St		
									CH					
						2.80m				CLAY - silty CLAY, high plasticity, grey, moist, stiff.	M	VSt		
									CH					
						51.6-3.0				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}
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)													