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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470251, N: 6950014 (56 MGA94)	SURFACE ELEVATION : 58.4 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 29/4/11 to 29/4/11	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	Atterberg Limits										
										ASPHALT - spray seal, 0.02 thick, very dense.	M	VD	5	0.00: ASPHALT - spray seal
										GRAVEL - sandy silty GRAVEL, fine to coarse sand and gravel, orange brown, moist, very dense.	M	VD	10	0.02: ROADBASE
										CLAY - gravelly sandy CLAY, low plasticity, fine to medium sand and gravel, moist, very stiff to hard.	M	VSt / H	15	0.45: NATURAL
										SAND - silty SAND, fine to medium sand, brown, some fine gravel, low plasticity fines, moist, dense.	M	D	20	
										CLAY - sandy CLAY, high plasticity, orange brown, fine to medium sand, moist, very stiff to hard.	M	VSt / H		
										CLAY - silty CLAY, high plasticity, brown mottled grey, moist, very stiff.	M	VSt		
										Terminated @ 3.0 m. 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)													