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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470202, N: 6949666 (56 MGA94)	SURFACE ELEVATION : 66.1 (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	Atterberg Limits										
									SM	SAND - silty SAND, fine sand, brown, low plasticity silts, moist, dense.	M	D		0.00: NATURAL
						0.15m				CLAY - sandy CLAY, high plasticity, orange brown mottled grey, fine to medium sand, moist, hard.	M	H		
						0.40m			CH					
						65.6-0.5				CLAY - sandy CLAY, medium plasticity, yellow orange, fine to coarse sand, moist, hard.	M	H		0.50: U50 PP = 570 kPa @ 0.6 m
						0.60m			CI					
						0.70m								
						0.80m								
						65.1-1.0				CLAY - sandy CLAY, low plasticity, yellow orange, fine to coarse sand, moist, hard.	M	H		
									CL					
						64.6-1.5				SANDSTONE - extremely weathered, extremely low strength, light yellow grey, moist, medium dense.				
						64.1-2.0								
						63.6-2.5								
						63.1-3.0				SANDSTONE				
										Terminated @ 3.0m. No water encountered.				

<p style="text-align: center;">DRILLING</p> <p>HA Hand Auger HQ HQ Coring AS Auger NQ NQ Coring WB Washbore PQ PQ Coring RR Rock Rolling NMLC NMLC Coring</p> <p style="text-align: center;">GROUNDWATER SYMBOLS</p> <p>▼ = Water level (static) ▽ = Water level (during drilling) ▶ = Water Inflow (during drilling)</p>	<p style="text-align: center;">SAMPLES & FIELD TESTS</p> <p>D Small Disturbed Sample SPT SPT Sample ES Env Soil Sample U Undisturbed Tube Sample EW Env Water Sample W Water Sample B Bulk Disturbed Sample</p> <p style="text-align: center;">MOISTURE CONDITION D = Dry M = Moist W = Wet</p>	<p style="text-align: center;">DCP- N (Blows/100mm)</p> <p>VS Very Soft 0 - 1 S Soft 1 - 2 F Firm 2 - 3 St Stiff 3 - 7 VSt Very Stiff 7 - 12 H Hard >12/100mm</p>	<p style="text-align: center;">CONSISTENCY (Su) {N-value}</p> <p>VS Very Soft < 12 kPa {0-2} S Soft 12 - 25 {2-4} F Firm 25 - 50 {4-8} St Stiff 50 - 100 {8-15} VSt Very Stiff 100 - 200 {15-30} H Hard > 200 kPa {>30}</p>
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