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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 1
POSITION : E: 470234, N: 6950189 (56 MGA94)	SURFACE ELEVATION : 59.2 (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										
						58.7	0.00	PHALIC ASPHALT - spray seal, 0.03m thick, very dense .			D	VD		0.00: ASPHALT - spray seal
							0.03	CONCRETE						0.03: ROADBASE
							0.25	GM		GRAVEL - silty sandy GRAVEL, fine to coarse sand and gravel, orange grey, low plasticity silts, moist, very dense.	M	VD		
							0.40	CH		CLAY - silty CLAY, high plasticity, dark red brown, trace of fine sand, low plasticity silt fines, moist, hard.	M	H		0.25: FILL
							0.55	SC		SAND - clayey SAND, fine to medium sand, red brown, moist, medium dense.	M	MD		0.40: FILL
						58.7	0.55			CLAY - sandy silty CLAY, high plasticity, dark red brown mottled grey, fine to coarse sand, trace of fine extremely weathered and extremely low strength ironstone gravel, moist, hard.	M	H		0.55: NATURAL U50 PP = 160 kPa
							1.00							
							1.20	CH		CLAY - silty CLAY, high plasticity, dark red brown , trace of fine sand, trace of fine extremely weathered and extremely low strength ironstone gravel, moist, stiff to very stiff.	M	St - VSt		
							1.70			CLAY - silty CLAY, high plasticity, dark red brown , trace of fine sand, trace of fine extremely weathered and extremely low strength ironstone gravel, moist, hard.	M	VSt		1.70: PP = 270 kPa @ 1.9 m
							2.35			CLAY - silty CLAY, high plasticity, grey mottled orange , trace of fine sand, trace of fine extremely weathered and extremely low strength ironstone gravel, moist, hard.	M	H		
							3.00			CLAY - silty CLAY, high plasticity, grey mottled orange , trace of fine sand, trace of fine extremely weathered and extremely low strength dark red ironstone gravel, moist, hard.	M	H		
							3.20			Terminated @ 3.2m. No water encountered.				

DRILLING HA Hand Auger HQ HQ Coring AS Auger NQ NQ Coring WB Washbore PQ PQ Coring RR Rock Rolling NMLC NMLC Coring	SAMPLES & FIELD TESTS 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	DCP- N (Blows/100mm) 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	CONSISTENCY (Su) {N-value} 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}
GROUNDWATER SYMBOLS ▼ = Water level (static) ▽ = Water level (during drilling) ▶ = Water Inflow (during drilling)		MOISTURE CONDITION D = Dry M = Moist W = Wet	