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TEST PIT LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

FEATURE No TP46
SHEET 1 of 1
DATE EXCAVATED 05/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 14 COORDINATES 470569.8 E; 7097228.6 N
PROJECT No FG5799 SURFACE R.L. 65.50 DATUM AHD SYSTEM MGA94 Zone 56
JOB No 232/10A/2 EQUIPMENT TYPE AND MODEL JCB Backhoe BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC	WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
					ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP46 (MPa)			
0	65.50					0 4 8 12 16 >20			
				GM	Silty GRAVEL (Residual) Light brown, dry, dense to very dense. Gravel particles are low strength siltstone up to 20mm.		LL = 35; PI = 11; LS = 7.6; MC = 16.1%; WPI=458, WLS=319	11G0594	24906
1	64.70			HW	SILTSTONE HW: When excavated exhibits the properties of light brown, dry, very dense, silty gravel with boulders. Foliation visible and dipping at ~70°		MC = 8.5%	11G0595	24794
2									
3	62.70								
4	61.50				Excavation terminated at 2.8m				

Site before excavation



Test pit profile



Excavated material from 0.0-0.8m



REMARKS MC-Moisture Content, LL-Liquid Limit, PI-Plastic Index, LS-Linear Shrinkage, WPI=PI x % pass 0.425mm sieve,
WLS=LS x % pass 0.425mm sieve, FSV-Field Shear Vane, PP-Pocket Penetrometer, EC-Emerson Class Number

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