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TEST PIT LOG

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

FEATURE No TP30
SHEET 1 of 1
DATE EXCAVATED 12/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 2 COORDINATES 473125.9 E; 7088859.0 N
PROJECT No FG5799 SURFACE R.L. 78.20 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	VDCP30 (MPa)			
0	78.20	BUCKET				0 4 8 12 16 >20			
	78.05			ML	TOPSOIL Brown, moist, firm, clayey silt. Low plasticity, organics throughout, trace gravel up to 10mm.				
				GC	Sandy Clayey GRAVEL (Residual) Dark brown, moist, dense. Gravel is medium grained.		LL = 36; PI = 14; LS = 8.6; MC = 17.4%; WPI=683, WLS=413	11G0695	25129
	77.50								
1					METASILTSTONE XW: When excavated exhibits the properties of dark grey to brown, dry, very dense, sandy clayey gravel.				
				XW			LL = 33; PI = 15; LS = 8; MC = 16.6%; WPI=657, WLS=344	11G0696	25213
2									
	75.50								
3					Excavation terminated at 2.7m				
4	74.20								

Site before excavation



Test pit profile



Excavated material from 0.7-2.7m



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, FP-Pocket Penetrometer, EC-Emerson Class Number

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