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TEST PIT LOG

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

FEATURE No TP45
SHEET 1 of 1
DATE EXCAVATED 05/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 13 COORDINATES 470698.4 E; 7096926.6 N
PROJECT No FG5799 SURFACE R.L. 61.10 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	VDCLP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
					ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCLP45 (MPa)			
0	61.10	BUCKET			TOPSOIL	0 4 8 12 16 >20	MC = 17.9%	11G0591	24930
	60.92				Sandy Silty GRAVEL (Residual) Red to brown, moist, dense to very dense.		LL = 40; PI = 15; LS = 8.4; MC = 17.2%; WPI=645, WLS=353	11G0592	24902
	60.60				Gravel is siltstone up to 20mm..				
					SILTSTONE HW: When excavated exhibits the properties of grey to brown, dry, very dense, silty gravel with cobbles.		MC = 10.3%	11G0593	24930
1					Foliation visible on gravel and cobbles.				
	59.80				Excavation terminated at 1.3m				
2									
3									
4	57.10								

Site before excavation



Test pit profile



Excavated material from 0.18-0.5m



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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