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TEST PIT LOG

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

FEATURE No TP24
SHEET 1 of 1
DATE EXCAVATED 19/08/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 16 COORDINATES 470445.0 E: 7097660.0 N
PROJECT No FG5799 SURFACE R.L. 64.10 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	ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	64.10	BUCKET						
	63.50		GM	Sandy Silty GRAVEL (Residual) Light grey, dry, dense. Occasional cobble sized siltstone.		LL = 33; PI = 8; LS = 4; MC = 9.1%; WPI=342, WLS=172	11G0835	25067
1	62.90		HW	SILTSTONE HW: When excavated exhibits the properties of light brown, dry, very dense, sandy silty gravel.		LL = 31; PI = 9; LS = 7.4; MC = 11.6%; WPI=531, WLS=422	11G0836	25068
				1.2m: Excavation Refusal, becoming MW siltstone.				
				Excavation terminated at 1.2m				
2								
3								
4	60.10							

Site before excavation



Test pit profile



Excavated material from 0.6-1.0m



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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