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TEST PIT LOG

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

FEATURE No TP12
SHEET 1 of 1
DATE EXCAVATED 18/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 8 COORDINATES 472076.4 E: 7093685.8 N
PROJECT No FG5799 SURFACE R.L. 84.90 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	0 4 8 12 16 >20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components				
0	84.90	BUCKET		ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0.75	84.70		ML	TOPSOIL Brown, moist, firm, gravelly clayey silt. Low plasticity, gravel up to 20mm, organics throughout.				
0.75			SM	Gravelly Silty SAND (Residual) Yellow to brown, moist, dense. Coarse sandstone gravel throughout up to 50mm.		LL = 21; PI = 5; LS = 4.8; MC = 9.7%; WPI=368, WLS=326, EC=3	11G0774	25059
1.45	84.15		HW	SANDSTONE (HW) When excavated exhibits the properties of brown to orange, moist, silty gravelly sand. Gravel up to 50mm.		LL = 25; PI = 6; LS = 4.6; MC = 10.2%; WPI=281, WLS=207	11G0775	25060
1.45	83.45			Excavation terminated at 1.45m				
2.00								
3.00								
4.00	80.90							

Site before excavation



Test pit profile



Excavated material from 0.75-1.45m



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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