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TEST PIT LOG

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

FEATURE No TP14
SHEET 1 of 1
DATE EXCAVATED 08/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 9 COORDINATES 471734.8 E; 7094522.6 N
PROJECT No FG5799 SURFACE R.L. 78.10 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)	BUCKET	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	0	4	8	12	16-20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	78.10													
	77.92				TOPSOIL							MC = 17.5%	11G0657	24791
	77.50			SM	Silty SAND (Residual) Red to orange, moist, dense. Occasional gravel up to 20mm.							LL = 23; PI = 7; LS = 5.2; MC = 11.9%; WPI=450, WLS=343	11G0658	25093
1				HW	SANDSTONE (HW) When excavated exhibits the properties of brown to grey, dry, sandy gravel. Sandstone cobbles up to 300mm.							LL = 24; PI = 7; LS = 5.4; MC = 4.8%; WPI=145, WLS=108	11G0659	25094
2														
	75.70													
					Excavation terminated at 2.4m									
3														
4	74.10													

Site before excavation



Test pit profile



Excavated material from 0.6-2.4m



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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