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## TEST PIT LOG

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

FEATURE No TP13  
SHEET 1 of 1  
DATE EXCAVATED 08/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Cut 9 COORDINATES 471817.6 E; 7094339.9 N  
PROJECT No FG5799 SURFACE R.L. 76.90 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 SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	0 4 8 12 16-20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	76.90	BUCKET		<b>TOPSOIL</b>		MC = 20.1%	11G0684	24792
	76.60							
	76.20		GM	<b>Silty Sandy GRAVEL (Residual)</b> Brown to orange, moist, dense. Coarse gravel throughout.		LL = 23; PI = 7; LS = 5.4; MC = 10.2%; WPI=270, WLS=216	11G0685	25116
1								
			HW	<b>SILTSTONE (HW)</b> When excavated exhibits the properties of brown to grey, sandy gravel. Boulders up to 300mm, occasional XW sandy seams.		LL = 25; PI = 8; LS = 6.4; MC = 8.3%; WPI=142, WLS=109, EC=1	11G0686	25115
2								
	74.60							
3				Excavation terminated at 2.3m				
4	72.90							

Site before excavation



Test pit profile



Excavated material from 0.7-2.3m



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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