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TEST PIT LOG

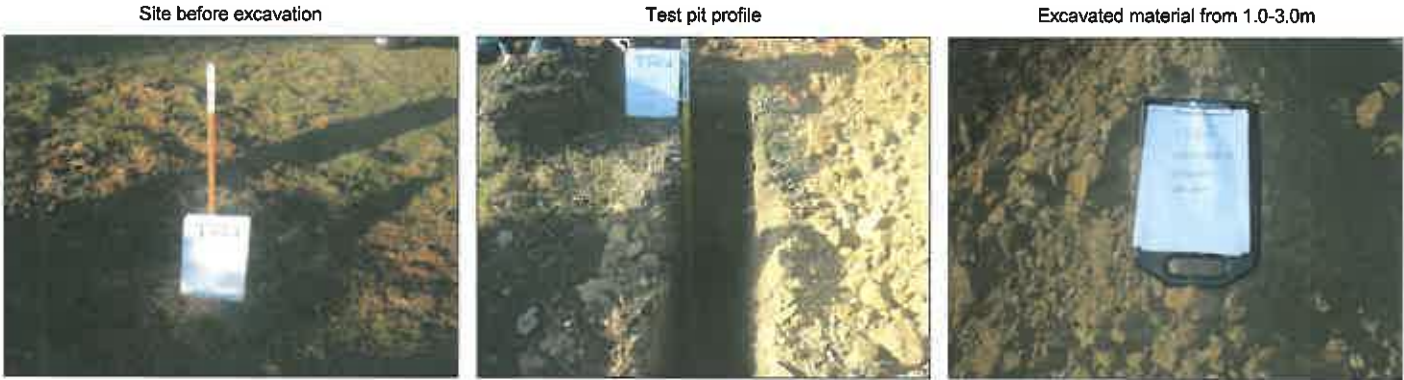
FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

FEATURE No TP22
 SHEET 1 of 1
 DATE EXCAVATED 05/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
 LOCATION Cut 15 COORDINATES 470657.3 E; 7097148.8 N
 PROJECT No FG5799 SURFACE R.L. 77.30 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	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT			
				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
0	77.30	BUCKET		TOPSOIL						
	77.10			Silty Sandy GRAVEL (Residual) Red brown to brown, moist, firm to stiff. Gravel is low strength siltstone, occasional cobbles. 0.3m: Colour change to light brown						
			GM		MC = 25.3% LL = 50; PI = 19; LS = 10.4; MC = 20%; WPI=644, WLS=354	11G0596	24802			
					LL = 38; PI = 14; LS = 8.8; MC = 15.2%; WPI=329, WLS=202, EC=2	11G0597	24928			
	76.30			SILTSTONE XW: When excavated exhibits the properties of light brown, dry, very dense, sandy gravel.						
			XW							
1										
2					LL = 35; PI = 11; LS = 7; MC = 15.2%; WPI=161, WLS=105	11G0598	24927			
3	74.30			Excavation terminated at 3m						
4	73.30									

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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, PP₅₀=Pocket Penetrometer, EC=Emerson Class Number

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