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**TEST PIT LOG**

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

FEATURE No TP35  
 SHEET 1 of 1  
 DATE EXCAVATED 14/7/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
 LOCATION Embankment 4 COORDINATES 472897.1 E; 7090727.2 N  
 PROJECT No FG5799 SURFACE R.L. 67.50 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	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION	VDCP35 (MPa)			
0	67.50	BUCKET		SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	0 4 8 12 16>20			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
				<b>TOPSOIL</b> Brown, moist, firm, clayey silt. Low plasticity, trace organics, trace fine gravel up to 10mm.				
	67.00		ML					
				<b>Sandy SILT (Alluvium)</b> Light brown, moist, firm. Low plasticity, sand fraction is fine grained.		LL = 26; PI = 7; LS = 5.6; MC = 19.2%; WPI=717, WLS=543	11G0738	2519i
1			CL-ML					
	66.00							
				<b>Clayey SILT (Alluvium)</b> Grey to brown, moist to wet, stiff to very stiff.  Low plasticity		MC = 24.6% 2.1m: Moderate Seepage 2.4m: Excavation terminated due to collapsing sides.	11G0739	24874
2			ML					
	65.10							
				Excavation terminated at 2.4m				
3								
4	63.50							

QLD\_DMR\_LIB\_01A.GLB Log A TEST PIT LOG FOR THE BRUCE HIGHWAY SECTION C TEST PIT LOGS CPT Tool gINr Add-In 08/11/2011 16:51



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<sub>s4</sub>-Pocket Penetrometer, EC-Emerson Class Number

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