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**TEST PIT LOG**

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

FEATURE No TP37  
SHEET 1 of 1  
DATE EXCAVATED 14/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Embankment 6 COORDINATES 472751.7 E; 7091920.8 N  
PROJECT No FG5799 SURFACE R.L. 78.50 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	VDCP37 (MPa)			
0	78.50	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				
			ML	<b>TOPSOIL</b> Dark brown, moist, firm, clayey silt. Low plasticity, organics throughout.				
1	77.70		CL-ML	<b>Sandy SILT (Residual)</b> Light brown mottled with orange, moist, stiff to very stiff. Low plasticity, sand fraction is mainly fine grained.		LL = 21; PI = 7; LS = 4.8; MC = 15.4%; WPI=566, WLS=413	11G0741	25169
	77.20		CI	<b>Sandy CLAY (Residual)</b> Grey mottled with orange, moist, very stiff. Intermediate plasticity, occasional medium grained gravel		MC = 18.1%	11G0742	24876
2	76.80		HW	<b>SILTSTONE HW:</b> When excavated exhibits the properties of grey with orange mottling, moist, hard, sandy gravelly silt.		MC = 14.9%	11G0743	24876
	76.10		HW	<b>SANDSTONE HW:</b> When excavated exhibits the properties of brown, dry, very dense, silty sandy gravel with boulders.		MC = 14.1%	11G0744	24876
	75.80			Excavation terminated at 2.7m				
3								
4	74.50							



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

LOGGED BY JD/JA

QLD\_DMR\_LIB\_01A.GLB Log\_A\_TEST PIT LOG FG5799 - BRUCE HIGHWAY SECTION C TEST PIT LOGS.GPJ DWG56932.GDW Diagonal CPT Tool.ginn Axd-In:CBM1/2011 06:02