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TEST PIT LOG

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

FEATURE No TP11
SHEET 1 of 1
DATE EXCAVATED 18/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 8 COORDINATES 472171.3 E; 7093461.6 N
PROJECT No FG5799 SURFACE R.L. 90.60 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	0 4 8 12 16 >20	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	90.60	BUCKET						
	90.40		CI	TOPSOIL Dark brown, moist, soft to firm, gravelly clay. Intermediate plasticity, gravel up to 30mm, organics throughout.				
	90.05		CI	Gravelly Sandy CLAY (Residual) Dark grey to light brown, moist, firm. Intermediate plasticity, HW orange siltstone gravel throughout.		LL = 38; PI = 16; LS = 9.4; MC = 18.9%; WPI=1088, WLS=639	11G0771	25031
1			HW	SILTSTONE (HW) When excavated exhibits the properties of brown to orange, moist, very dense, sandy gravel. Occasional XW sandy siltstone seams.		LL = 32; PI = 11; LS = 7.4; MC = 11.8%; WPI=246, WLS=163	11G0772	25032
	89.00			Excavation terminated at 1.6m				
2								
3								
4	86.60							

G:\D:\MAB_L08_01A_6118_L08_A_TEST PIT LOG - BRUCE HIGHWAY SECTION C TEST PIT LOGS.GPJ DWG:58902.GDW: Digital CPT Tool (P/NK-Add-In 28/11/2011 09:01)

Site before excavation



Test pit profile



Excavated material from 0.55-1.6m



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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