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TEST PIT LOG

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

FEATURE No TP05
SHEET 1 of 1
DATE EXCAVATED 11/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 4 COORDINATES 472867.1 E; 7089736.3 N
PROJECT No FG5799 SURFACE R.L. 95.90 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	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				
0	95.90	BUCKET		ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
95.70			CL-CL	TOPSOIL Dark brown, moist, firm, gravelly clay. Low to intermediate plasticity, gravel up to 20mm, organics throughout.		LL = 29; PI = 8; LS = 5.2; MC = 21.6%; WPI=476, WLS=347	11G0676	24909
95.50			CL	Gravelly Sandy CLAY (Residual) Dark grey, moist, firm. Low plasticity,				
				SILTSTONE (XW-HW) When excavated exhibits the engineering properties of brown to grey, clayey gravel. Occasional cobbles.				
1								
2			XW-HW			LL = 43; PI = 20; LS = 11; MC = 15.1%; WPI=440 WLS=242, EC=4	11G0677	24910
3								
4	91.90							

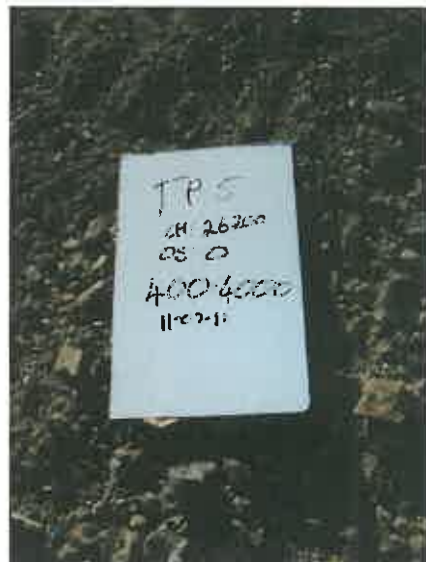
Excavation terminated at 4m
Site before excavation



Test pit profile



Excavated material from 0.4-4.0m



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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