TEST PIT LOG

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

FEATURE No TP06
SHEET 1 of 1
DATE EXCAVATED 14/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 5 COORDINATES 472894.6 E; 7091125.5 N
PROJECT No FG5799 SURFACE R.L. 85.20 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 / ROCK DESCRIPTION	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	85.20	BUCKET	ML		**TOPSOIL** Brown, moist, firm, gravelly silt. Low plasticity, gravel up to 10mm, organics throughout.			
	85.00							
			CH		**Silty CLAY (Residual)** Dark red mottled with grey, dry to moist, firm, silty clay. High plasticity, trace sand and gravel.	LL = 57; PI = 31; LS = 14.2; MC = 24.2%; WPI=2570, WLS=1193	11G0732	25000
1	84.20							
			HW		**SILTSTONE (HW)** When excavated exhibits the engineering properties of brown to grey, clayey gravel with boulders.	LL = 33; PI = 13; LS = 8.6; MC = 8.5%; WPI=158, WLS=103	11G0733	25001
	83.25							
2					Excavation terminated at 1.95m			
3								
4	81.20							

0 4 8 12 16>20

Site before excavation

Test pit profile

Excavated material from 1.0-1.95m

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_{UU}-Pocket Penetrometer, EC-Emerson Class Number

LOGGED BY JD/JA