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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 MGAS4 Zone 56
JOB No 232/10A/2 EQUIPMENT TYPE AND MODEL JCB Backhoe BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	BUCKET	METHOD	USC	WEATHERING	SOIL DESCRIPTION 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	4	8	12	16	20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	85.20															
	85.00			ML		TOPSOIL Brown, moist, firm, gravelly silt. Low plasticity, gravel up to 10mm, organics throughout.										
				CH		Silty CLAY (Residual) Dark red mottled with grey, dry to moist, firm, silty clay.								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
2	83.25															
						Excavation terminated at 1.95m										
3																
4	81.20															

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-Pocket Penetrometer, EC-Emerson Class Number

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