TEST PIT LOG

Queensland Government

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

FEATURE No TP24
SHEET 1 of 1
DATE EXCAVATED 19/08/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 16 COORDINATES 470445.0 E; 7097660.0 N
PROJECT No FG5799 SURFACE R.L. 64.10 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	64.10	BUCKET	GM		**Sandy Silty GRAVEL (Residual)** Light grey, dry, dense. Occasional cobble sized siltstone.	LL = 33; PI = 8; LS = 4; MC = 9.1%; WPI=342, WLS=172	11G0835	25067
	63.50		HW		**SILTSTONE HW:** When excavated exhibits the properties of light brown, dry, very dense, sandy silty gravel.	LL = 31; PI = 9; LS = 7.4; MC = 11.6%; WPI=531, WLS=422	11G0836	25068
1	62.90				1.2m: Excavation Refusal, becoming MW siltstone.			
					Excavation terminated at 1.2m			
2								
3								
4	60.10							

0 4 8 12 16>20

Site before excavation

Test pit profile

Excavated material from 0.6-1.0m

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_{DCP}-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 DWG568302.GDW Datgel CPT Tool gINt Add-In 29/11/2011 09:01