Queensland Government
Department of Main Roads

TEST PIT LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

FEATURE No TP061
SHEET 1 of 1
DATE EXCAVATED 05/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation
LOCATION Embankment 18 COORDINATES 482325.2 E; 7080681.7 N
PROJECT No FG5825 SURFACE R.L. 101.88 DATUM AHD SYSTEM MGA94
JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL JCB BACKHOE BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD (BUCKET)	USC	WEATHERING	SOIL DESCRIPTION / ROCK DESCRIPTION	VDCP LOG (Cone Resistance) VDCP 39 (MPa) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	101.88				**Topsoil; Silty CLAY**, brown.				
	101.63		CH		**Gravelly silty CLAY (Residual soil)** Mottled red/grey, high plasticity. Gravel - angular, low to high strength, quartz and Fe stained and cemented particle. Moist, very stiff. Becoming Fe stained below 0.5m		Organics throughout stratum PP(UCS) 250kPa LL = 63; PI = 32; LS = 14.8; MC = 26.5%; WPI 1795 PP(UCS) 337kPa	09G1269	22054
1	100.48		GC		**XW Phyllite; Clayey GRAVEL** Mottled red/pale grey, medium plasticity. Gravel - angular, low strength, red and grey Fe stained and cemented particles. Moist, very stiff.		PP(UCS) 350kPa Small amount of Rock LL = 48; PI = 22; LS = 10.6; MC = 20.8%; WPI 879	09G1270	22124
2	100.18		HW		**HW Phyllite; Clayey GRAVEL** Grey with yellow Fe staining, closely jointed, low to medium strength, some clay lined joints. Moist, hard.		LL = 32; PI = 10; LS = 6.6; MC = 10%; WPI 250	09G1271	22104
	99.18								
3					Excavation terminated at 2.7m				
4	97.88								

REMARKS PP = Pocket penetrometer

LOGGED BY RK/GB P.Simson

QLD_DMR_LIB_01.GLB Log A_TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TPS.GPJ DWG64067.GDW Datgel CPT Tool gINt Add-in 24/06/2010 17:40