Queensland Government
Department of Main Roads

TEST PIT LOG

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

FEATURE No TP117
SHEET 1 of 1
DATE EXCAVATED 05/02/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation
LOCATION Elm St offramp into existing embankment toe. COORDINATES 487384.0 E; 7080729.1 N
PROJECT No FG5825 SURFACE R.L. 113.71 DATUM AHD SYSTEM MGA94
JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL Hitachi 5T Tracked Excavator BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC	WEATHERING	SOIL DESCRIPTION / ROCK DESCRIPTION	DCP LOG (Blow Count / 100mm) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	113.71				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				
	113.41		CI		**Silty CLAY with Gravel (FILL)** Pale grey, pale brown and red brown, moist, stiff. Intermediate plasticity; fine to medium grained phyllite gravel; rootlets.				
1			CI		**Silty CLAY with Gravel (FILL)** Red brown to pale grey and yellow brown, moist, stiff. Intermediate plasticity; gravel fraction consists of fine to medium grained, subangular to angular phyllite.		LL = 47; PI = 21; LS = 13.6; MC = 22.4%; WPI = 1512	A	D,Bulk
	112.41								
	112.11		ML		**Sandy SILT (Relict Topsoil)** Dark brown, moist, stiff. Trace quartz and phyllite gravel, fine to medium grained, subangular to angular.				
2			XW		**SILTSTONE (XW)** Generally exhibits the engineering properties of pale grey to mottled brown and orange, moist, hard silty Clay of high plasticty. Roots up to 4mm dia.		LL = 58; PI = 30; LS = 14.4; MC = 25.4%; WPI = 2730	B	D,Bulk
3					From 3.6m: Showing the engineering properties of silty sand with gravel. Gravel consists of fine to coarse grained, subangular to angular sandstone; pockets of conglomrate material.				
	109.71								
4					Excavation terminated at 4m				
5	108.71								

Testpit Profile

Excavated Material

REMARKS FSV= Field shear vane (Peak/residual);

LOGGED BY BJD

QLD_DMR_LIB_01.GLB Log A_TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TPS.GPJ DWG13036.GDW Datgel CPT Tool gINt Add-In 25/06/2010 14:11