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**Queensland  
Government**

Department of  
Main Roads

## TEST PIT LOG

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

FEATURE No TP051

SHEET 1 of 1

DATE EXCAVATED 20/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 14

COORDINATES 484164.7 E; 7081328.1 N

PROJECT No FG5825

SURFACE R.L. 150.08

DATUM AHD

SYSTEM MGA94

JOB No 128/10A/901

EQUIPMENT TYPE AND MODEL JCB BACKHOE

BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCP LOG (Cone Resistance)  (MPa) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	150.08	BUCKET		<b>Topsoil; Silty CLAY</b> light brown.				
	149.93							
			MH	<b>SILT with some sand, (Residual soil)</b> Mottled pale grey/red, high plasticity. Moist, stiff. Sand - angular, low strength, red, Fe stained and cemented.		Plant roots to 0.5m deep. LL = 58; PI = 23; LS = 11.8; MC = 26.7%; WPI 1928 PP(UCS) 593kPa	09G1369	22121
	149.28							
1				<b>XW-HW Phyllite; Silty GRAVEL</b> Grey with orange-brown, Fe staining, very close jointing and foliation, very low to medium strength. Moist, hard. Red MH lining some joints. Occasional pale grey MH seam.				
			XW-HW					
2						LL = 40; PI = 11; LS = 6.2; MC = 25.2%; WPI 466	09G1370	22120
3								
	146.68					PP(UCS) 393kPa		
				Excavation terminated at 3.4m				
4	146.08							



REMARKS PP = Pocket penetrometer

LOGGED BY  
RW/GB P.Simson

QLD\_DMR\_LIB\_01.GLB Log A\_TEST PIT LOG FG5825 BRUCE HWY COOROY CURRA SECTION A TFS.GPJ DIV66067 GDW Dataplot CPT Tool gini Add-In 24/08/2010 17:40