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**Queensland
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Department of
Main Roads

TEST PIT LOG

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

FEATURE No TP010

SHEET 1 of 1

DATE EXCAVATED 17/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 3 COORDINATES 489424.6 E; 7078063.5 N

PROJECT No FG5825 SURFACE R.L. 109.92 DATUM AHD SYSTEM MGA94

JOB No 128/10A/901 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	VDCP LOG (Cone Resistance) VDCP6 (MPa) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	109.92									
	109.87				Topsoil					
				CI	Silty CLAY with some sand Light brown, medium plasticity. Sand - medium to fine grained, Fe cemented particles. Dry to moist, hard, friable structure.			LL = 47; PI = 21; LS = 11.8; MC = 16.5%; WPI 1950 PP(UCS) >500kPa	09G1481	22166
1	109.32				Silty CLAY with some sand Pale grey with red Fe staining, medium plasticity. Sand - medium to fine grained, Fe cemented particles. Dry to moist, hard.			PP(UCS) >500kPa		
				CI				LL = 40; PI = 20; LS = 10.4; MC = 13%; WPI 1980 PP(UCS) >500kPa	09G1482	22268
2										
3	106.92				Excavation terminated at 3m					
4	105.92									



REMARKS PP = Pocket penetrometer

LOGGED BY
RK/GB P.Simson

Q.L.D. DMR LIB_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TFS.GPJ DWG52756.GDW Datel: 24/09/2010 17:28