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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 TP011

SHEET 1 of 1

DATE EXCAVATED 17/09/09

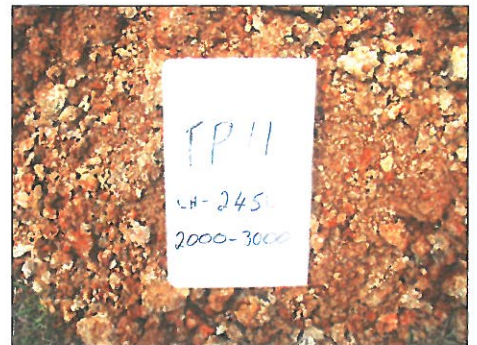
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 5 COORDINATES 489276.5 E; 7078266.5 N

PROJECT No FG5825 SURFACE R.L. 107.69 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	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	107.69				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP7 (MPa)			
0	107.59				Topsoil	0 4 8 12 16 >20			
1				CH	Gravelly CLAY Pale grey with red and yellow Fe staining, high plasticity. Gravel - fine grained, subangular to subrounded, high strength, white, quartz. Dry to moist, hard.		PP(UCS) >500kPa LL = 57; PI = 24; LS = 12.8; MC = 17.5%; WPI 1584 PP(UCS) >500kPa	09G1471	22162
2	105.69			SC	Gravelly Clayey SAND Pale grey with red and orange Fe staining, high plasticity. Sand - medium to fine grained. Gravel - fine grained, subangular to subrounded, high strength, white, quartz. Moist to wet, hard decreasing to stiff with depth.		PP(UCS) >500kPa LL = 50; PI = 25; LS = 10.8; MC = 14.2%; WPI 1318 PP(UCS) 123kPa	09G1472	22173
3	104.69				Excavation terminated at 3m				
4	103.69								



REMARKS PP = Pocket penetrometer

LOGGED BY
RK/GB P.Simson

Q:\D_MMR_LIB_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A.TPS.GPJ DWG02759.GDW Digital CPT Tool gINT Add-In 24/06/2010 17:28