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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 TP030

SHEET 1 of 1

DATE EXCAVATED 23/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

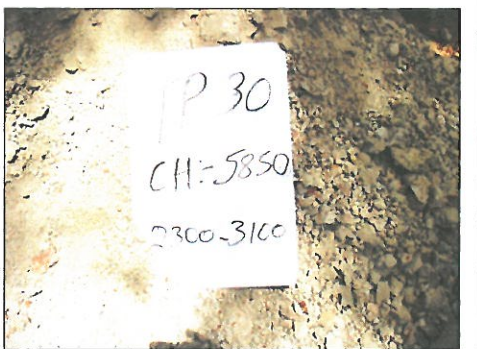
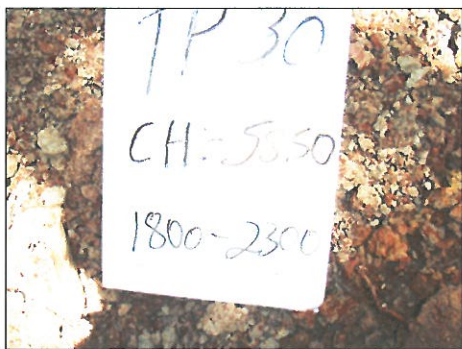
LOCATION Embankment 8 COORDINATES 487236.0 E; 7080744.1 N

PROJECT No FG5825 SURFACE R.L. 120.75 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	VDCP LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	(Cone Resistance)			
				ROCK DESCRIPTION	VDCP22			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(MPa)			
					0 4 8 12 16>20			
0	120.75	BUCKET		<b>Topsoil</b>				
	120.55			<b>Sandy CLAY</b> Grey with yellow/orange Fe staining, medium plasticity. Sand - medium to coarse grained, quartz. Dry, hard.		LL = 40; PI = 18; LS = 11.6; MC = 12.5%; WPI 1310	09G1543	22239
	119.85		CI					
1				<b>Clayey SAND</b> Grey with red Fe staining, high plasticity. Sand - medium to coarse grained, quartz. Dry to moist, hard.		PP(UCS) >500kPa LL = 56; PI = 25; LS = 14.6; MC = 13.4%; WPI 1436	09G1544	22233
	118.95		SC-SM					
2				<b>Sandy CLAY</b> Pale grey with red Fe staining, medium to high plasticity. Sand - mainly Fe cemented particles. Dry to moist, hard.		PP(UCS) >500kPa MC = 18.2%	09G1545	
	118.45		(CI-CH)					
3				<b>Sandy CLAY</b> Pale grey with red Fe staining, low to medium plasticity. Sand - medium to fine grained. Moist, hard. Indurated.		MC = 19.3% PP(UCS) 417kPa	09G1546	
	117.65		(CL-CI)			PP(UCS) 447kPa		
4	116.75			Excavation terminated at 3.1m				

OLD\_DMR\_LIB\_01.GLB Log A\_TEST PIT LOG FG5825 BRUCE HWY COOROY CURRA SECTION A.TPS.GPJ DWG92759.GDW Datalog CPT Tool.ginn Add-In 24/06/2010 17:28



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY  
RK/GB P.Simson