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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 TP021

SHEET 1 of 1

DATE EXCAVATED 21/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 6

COORDINATES 488540.3 E; 7079950.4 N

PROJECT No FG5825

SURFACE R.L. 109.83

DATUM AHD

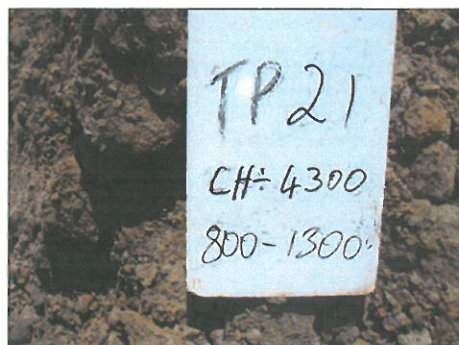
SYSTEM MGA94

JOB No 128/10A/901

EQUIPMENT TYPE AND MODEL JCB BACKHOE

BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	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
		BUCKET	ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP16 (MPa)			
0	109.83			0 4 8 12 16 >20			
	109.63		<b>Topsoil</b>				
			<b>Sandy SILT CLAY</b> Dark grey, low plasticity. Sand - fine grained. Moist, hard.		LL = 27; PI = 7; LS = 6; MC = 14.2%; WPI 638	09G1513	22192
	109.03		<b>Sandy SILT CLAY</b> Dark grey with red and orange Fe staining, low plasticity. Sand - medium to coarse grained. Moist, hard.		PP(UCS) >500kPa LL = 23; PI = 7; LS = 5.4; MC = 11.5%; WPI 600	09G1514	22201
1	108.53		<b>Clayey sandy GRAVEL</b> Pale grey with orange and red Fe staining, medium plasticity. Sand - coarse. Gravel - subangular to subrounded, high strength, white, quartz, becoming coarser with depth. Moist to wet, hard. Pervious zones.		PP(UCS) 493kPa MC = 7.5%	09G1515	
2		(GC)					
3	106.83		Excavation terminated at 3m		Slight seepage @ 3.0m		
4	105.83						



REMARKS Parentheses indicate visual classification only. 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 DWG02756.GDW Date: CPT Tool g/NI Add-in 24/08/2010 17:28