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**Queensland  
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## TEST PIT LOG

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

FEATURE No TP039

SHEET 1 of 1

DATE EXCAVATED 13/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 11 COORDINATES 485804.3 E; 7080882.9 N

PROJECT No FG5825 SURFACE R.L. 167.54 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 SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	167.54	BUCKET						
	167.44			<b>Topsoil; Sandy CLAY</b> , brown.				
	167.14		CI	<b>Silty CLAY (Residual soil)</b> Brown, medium plasticity. Dry, hard.		Some fine plant roots LL = 47; PI = 20; LS = 11.6; MC = 18.3%; WPI 2535 PP(UCS) >600kPa	09G1292	22092
1			CI	<b>XW Siltstone; Silty CLAY</b> Mottled grey/red, medium plasticity. Moist, hard.		LL = 43; PI = 19; LS = 10.2; MC = 14.4%; WPI 1768	09G1293	22103
	165.94					PP(UCS) >600kPa		
2			HW	<b>HW Siltstone; Gravelly CLAY</b> Pale grey with red Fe staining, very close jointing, very low to medium strength. Some XW bands (pale grey clay).		LL = 38; PI = 16; LS = 8.2; MC = 12.6%; WPI 1024	09G1294	22106
3	164.34					PP(UCS) >600kPa		
4	163.54			Excavation terminated at 3.2m				



REMARKS PP = Pocket penetrometer

LOGGED BY  
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