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**Queensland
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Department of
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TEST PIT LOG

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

FEATURE No TP017

SHEET 1 of 1

DATE EXCAVATED 18/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 7 COORDINATES 488834.5 E; 7079434.1 N

PROJECT No FG5825 SURFACE R.L. 121.61 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) VDCP12 (MPa) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	121.61									
	121.51									
						Topsoil				
				MH	SILT Mottled red/yellowish brown, high plasticity. Dry to moist, hard.			LL = 70; PI = 35; LS = 17.4; MC = 26%; WPI 3332 PP(UCS) 480kPa	09G1494	22202
1	120.76					CLAY with a trace of gravel Pale grey with dark red Fe staining, high plasticity. Gravel - angular, low strength, Fe cemented particles. Dry to moist, hard. Fissuring evident.		PP(UCS) 460kPa		
2				CH				LL = 55; PI = 26; LS = 15; MC = 20.2%; WPI 2297 PP(UCS) 493kPa	09G1495	22188
3								PP(UCS) 460kPa		
4	118.41					Excavation terminated at 3.2m				
	117.61									



REMARKS PP = Pocket penetrometer

LOGGED BY
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