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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 TP023

SHEET 1 of 1

DATE EXCAVATED 21/09/09

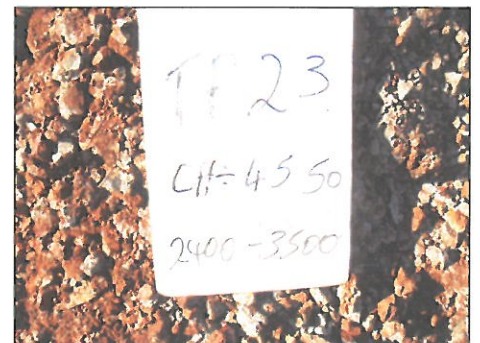
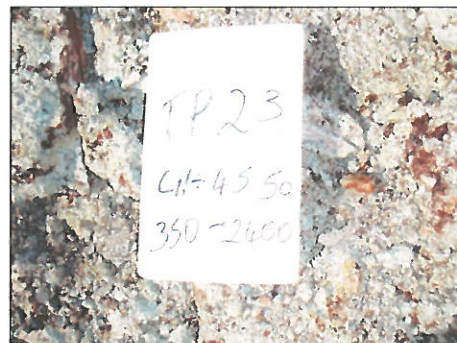
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 8 COORDINATES 488365.2 E; 7080129.4 N

PROJECT No FG5825 SURFACE R.L. 113.28 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	(MPa) 0 4 8 12 16>20			
0	113.28						
	113.18		<b>Topsoil</b>		LL = 42; PI = 20; LS = 11.4; MC = 10.1%; WPI 786	09G1517	22224
	112.93	SC	<b>Clayey SAND with some gravel</b> Mottled red/yellow, medium plasticity. Moist, hard. Sand - coarse grained.				
1		CH	<b>Silty CLAY with some sand</b> Pale grey with dark red Fe staining, high plasticity. Moist, stiff to very stiff.		PP(UCS) 343kPa  LL = 66; PI = 33; LS = 19.4; MC = 23%; WPI 2789	09G1518	22235
2					PP(UCS) 313kPa		
3	110.88	(CH)	<b>Silty CLAY with some gravel (Residual soil)</b> Grey with red Fe staining, high plasticity. Gravel - angular, low strength, Fe cemented particles. Moist, very stiff to hard.		PP(UCS) 380kPa  LL = 53; PI = 24; LS = 16; MC = 20.4%; PP(UCS) 393kPa	09G1519	22236
4	109.78						
			Excavation terminated at 3.5m				
4	109.28						



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY  
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