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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 TP018

SHEET 1 of 1

DATE EXCAVATED 21/09/09

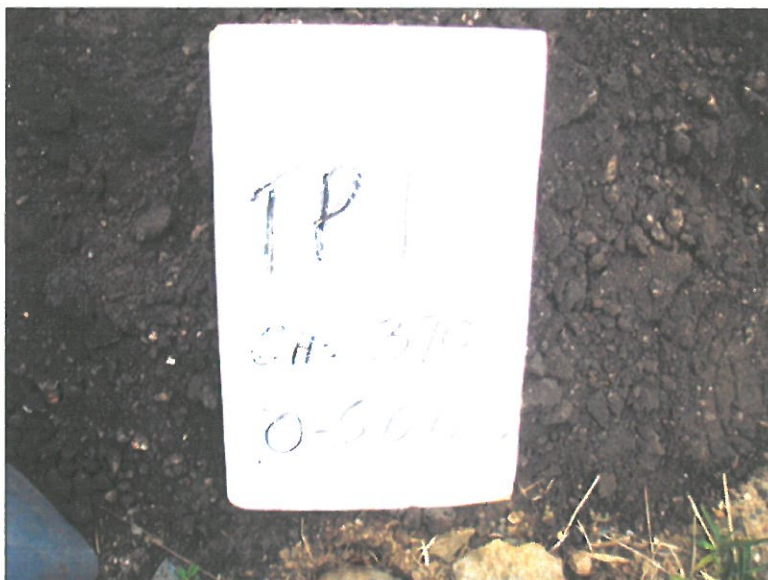
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 6 COORDINATES 488764.0 E; 7079622.5 N

PROJECT No FG5825 SURFACE R.L. 116.77 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)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
					ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP13 (MPa)			
0	116.77	BUCKET				0 4 8 12 16 >20			
				SM	Gravelly Silty SAND Dark grey, low plasticity. Sand - coarse grained, quartz. Gravel - medium to fine grained, subrounded, high strength, white, quartz. Dry, medium dense.		LL = 16; PI = 3; LS = 2; MC = 7.3%; WPI 149	09G1503	22203
	116.27			GM- GC	Silty Clayey Sandy GRAVEL Grey-brown, low plasticity. Sand - medium to coarse, quartz grains. Gravel - medium to fine grained, subrounded, high strength, white, quartz. Moist, dense.		LL = 15; PI = 5; LS = 3; MC = 6.5%; WPI 213	09G1504	22220
1	115.97			GC	Clayey GRAVEL with some sand Pale grey with red and yellow Fe staining, high plasticity. Sand - medium to coarse, quartz grains. Gravel - medium to fine grained, subrounded, high strength, white, quartz. Moist, firm. Isolated cobbles.		LL = 51; PI = 29; LS = 12; MC = 6.1%; WPI 759	09G1505	22235
2	114.47								
3	113.27			(SC)	Clayey SAND with some gravel Pale grey with red Fe staining, low plasticity. Sand - coarse, quartz grains. Gravel - fine grained, subrounded, high strength, white, quartz. Moist, becoming wetter with depth. Hard decreasing to firm at base of pit.		PP(UCS) 417kPa MC = 15.8%	09G1506	
4	112.77				Excavation terminated at 3.5m				



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY
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