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**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH010

SHEET 1 of 1

REFERENCE No H10648

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION

LOCATION Cut 8 COORDINATES 488292.1 E; 7080194.9 N

PROJECT No FG5825 SURFACE R.L. 113.90m PLUNGE _____ DATE STARTED 13/10/09 GRID DATUM MGA94

JOB No 128/10A/901 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 13/10/09 DRILLER Contract Drilling

DEPTH (m)	R.L. (m)	AUGER	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	113.90												
	113.70					Gravelly FILL						Drillers log only	
	113.50					SILT Brown, moist.	(ML)					Drillers log only	
						Silty CLAY Pale grey with mottled red and orange iron staining, moist, stiff to very stiff.							
1					A	High plasticity. Occasional iron cemented kernels up to 20mm thick.						2,4,5 N=9	SPT
						Becoming more iron stained with depth.							
2					B							4,8,9 N=17	SPT
3					C							3,7,10 N=17	SPT
4					D							4,10,14 N=24	SPT
5	108.90				E	SILTSTONE (XW): Generally exhibits the engineering properties of brown, moist, hard, clayey Silt.						6,15,20 N=35	SPT
6					F	Low plasticity.		XW				6,14,21 N=35	SPT
7	106.90				G	SANDSTONE (XW): Generally exhibits the engineering properties of pale grey, moist, hard, clayey Sand.						5,15,24 N=39	SPT
8					H	Fine grained.		XW				5,17,21 N=38	SPT
	105.45					Borehole terminated at 8.45m							
9													
10													

REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached.

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