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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 BH007

SHEET 1 of 1

REFERENCE No H10645

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

LOCATION Cut 7 COORDINATES 488781.7 E; 7079520.9 N

PROJECT No FG5825 SURFACE R.L. 120.91m PLUNGE _____ DATE STARTED 2/9/09 GRID DATUM MGA94

JOB No 128/10A/901 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 2/9/09 DRILLER R & D Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD () %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH							DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	H	M	L	VL	EL				
0	120.91				TOPSOIL Grey.													
	120.41			A	Sandy SILT Brown, moist, very stiff. Low plasticity. Occasional fine gravels.	(ML)											8,8,12 N=20	SPT
				B	Traces of organics.												9,11,16 N=27	SPT
	118.41			C	MUDSTONE (XW): Generally exhibits the engineering properties of mottled red to grey, heavily iron stained, moist, very stiff to hard, silty clay. Intermediate plasticity.												10,12,16 N=28	SPT
				D	Iron cemented nodules throughout.												10,15,20 N=35	SPT
				E													9,15,20 N=35	SPT
				F													10,17,23 N=40	SPT
				G	6.6m: Becoming pale grey and less iron stained with depth.												9,12,17 N=29	SPT
				H													8,15,22 N=37	SPT
8	112.96				Borehole terminated at 7.95m													

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

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