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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 BH006

SHEET 1 of 1

REFERENCE No H10644

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

LOCATION Cut 7 COORDINATES 488880.2 E; 7079241.1 N

PROJECT No FG5825 SURFACE R.L. 124.46m 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)	ADGER CASING WASH BORING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	124.46												
1	124.11				A	SILT Pale grey, dry, non-cemented. Gravelly Clayey SILT Grey to brown, moist, stiff. Plant material throughout, subrounded gravels up to 10mm.	(ML)					Driller's log only	3,5,7 N=12 SPT
2	123.26				B	Silty CLAY Pale grey with mottled red iron staining, moist, very stiff to hard. Iron cemented in parts; traces of organics.	(CH)						5,7,12 N=19 SPT
3					C								9,13,19 N=32 SPT
4	120.96				D	MUDSTONE (XW): Generally exhibits the engineering properties of pale grey to brown, moist, hard, silty clay of intermediate to high plasticity.							9,16,23 N=39 SPT
5					E	Rock fabric visible throughout, plant material throughout, slickensides.	XW						9,13,22 N=35 SPT
6	118.96				F	SILTSTONE (XW): Generally exhibits the engineering properties of brown, moist, hard clayey silt of intermediate plasticity.							8,16,25 N=41 SPT
7					G	Rock fabric visible in parts.							9,18,26 N=44 SPT
8					H		XW						10,18,28 N=46 SPT
9					J	8.5 - 8.95m: Silty clay layer.						7/10/09	10,18,25 N=43 SPT
10	114.46				K								11,17,23 N=40 SPT

REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. Standpipe piezometer installed at base of hole.

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