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)	AUGER / CASING / WASH BORING	RQD ( )% CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL EL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES / TESTS
0	124.46												
	124.11				**SILT** Pale grey, dry, non-cemented.		(ML)					Driller's log only	
				A	**Gravelly Clayey SILT** Grey to brown, moist, stiff. Plant material throughout, subrounded gravels up to 10mm.		(ML)					3,5,7 N=12	SPT
1	123.26												
				B	**Silty CLAY** Pale grey with mottled red iron staining, moist, very stiff to hard. Iron cemented in parts; traces of organics.							5,7,12 N=19	SPT
2							(CH)						
				C								9,13,19 N=32	SPT
3	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
4													
				E	Rock fabric visible throughout, plant material throughout, slickensides.		XW					9,13,22 N=35	SPT
5	118.96												
				F	**SILTSTONE (XW):** Generally exhibits the engineering properties of brown, moist, hard clayey silt of intermediate plasticity. Rock fabric visible in parts.							8,16,25 N=41	SPT
6													
				G								9,18,26 N=44	SPT
7													
				H			XW					10,18,28 N=46	SPT
8													
				J	8.5 - 8.95m: Silty clay layer.							▽ 7/10/09 10,18,25 N=43	SPT
9													
				K								11,17,23 N=40	SPT
10	114.46				Borehole terminated at 10m								

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

LOGGED BY JA

QLD_DMR_LIB_01.GLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG5825 BRUCE HWY COOROY-CURRA SECTION A BHS.GPJ DWG95012.GDW Datgel CPT Tool gINt Add-In 12/05/2010 10:29