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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH008
SHEET 1 of 1
REFERENCE No H10646

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Cut 8 COORDINATES 488428.0 E; 7080052.4 N
PROJECT No FG5825 SURFACE R.L. 112.87m PLUNGE _____ DATE STARTED 12/10/09 GRID DATUM MGA94
JOB No 128/10A/901 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 12/10/09 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	112.87					Silty TOPSOIL Brown, moist.								
0	112.57					Silty CLAY Pale grey with mottled orange and red iron staining, moist, very stiff.								
1					A	Intermediate plasticity. Occasional iron cemented bands up to 20mm thick. Becoming more iron stained with depth.							5,9,11 N=20	SPT
2					B								5,10,13 N=23	SPT
3					C		(CH)						5,9,12 N=21	SPT
4					D								5,9,11 N=20	SPT
5					E								6,12,16 N=28	SPT
6	106.87				F	6m: Colour change to brown and mottled red. Becoming more silty with depth. Grading into XW Mudstone / Siltstone.							4,10,14 N=24	SPT
7					G		XW						5,11,16 N=27	SPT
8					H								7,12,18 N=30	SPT
8.45	104.42					Borehole terminated at 8.45m								

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

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JA