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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH011
SHEET 1 of 1
REFERENCE No H10649

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Cut 9A COORDINATES 487865.9 E; 7080436.2 N
PROJECT No FG5825 SURFACE R.L. 119.05m PLUNGE _____ DATE STARTED 24/8/09 GRID DATUM MGA94
JOB No 128/10A/901 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 24/8/09 DRILLER R & D Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	119.05												
1	118.85				A	Silty GRAVEL (ROADBASE) Grey. Gravelly SILT Mottled brown to pale grey, moist to dry, very stiff. Low plasticity, quartz gravels throughout up to 10mm. Becoming dry with depth.	(ML)					6,8,11 N=19	SPT
2	117.10				B							6,11,13 N=24	SPT
3					C	Clayey SAND Brown, moist, medium dense, fine to coarse grained with gravel. Occasional fine quartz gravels.	(SC)					8,11,15 N=26	SPT
4					D							9,12,16 N=28	SPT
5	114.55				E	Clayey SAND (RESIDUAL) Grey, moist, medium dense, fine to medium grained.	(SC)					7,9,11 N=20	SPT
6	113.85				F	MUDSTONE (XW): Generally exhibits engineering properties of grey to mottled red and orange, moist, silty Clay of medium to high plasticity. Becoming highly iron stained with depth.						6,10,18 N=28	SPT
7					G		XW					10,12,17 N=29	SPT
8	110.95				H							15,20,28 N=48	SPT
9	110.15				J	Interbedded Sandy SILT / Silty CLAY (XW - HW): Generally exhibits engineering properties of brown, moist, hard sandy Silt / silty Clay.	XW-HW					17,28,30/120 N>50	SPT
10						Borehole terminated at 8.92m							

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

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