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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH054
SHEET 1 of 2
REFERENCE No H10613

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Embankment 17 COORDINATES 482701.0 E; 7080808.4 N
PROJECT No FG5825 SURFACE R.L. 96.63m PLUNGE DATE STARTED 18/8/09 GRID DATUM MGA94
JOB No 128/10A/901 HEIGHT DATUM AHD BEARING DATE COMPLETED 18/8/09 DRILLER Geo Drill

DEPTH (m)	R.L. (m)	UGER CASING WASH BORE CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	H	M	J	VL				
0	96.63					Gravelly Clayey SILT (Fill/Alluvium) Brown, moist, firm. Low plasticity, gravels up to 20mm, some fine grained sand.												
1			(0)		A												2,2,4 N=6	SPT
2					B		MLG										1,2,4 N=6	SPT
3	93.75				C												1,3,14 N=17	SPT
4	93.14		40			PHYLLITE (XW) Pale brown, moist, very stiff, intermediate plasticity, gravels up to 30mm.	XW											
5			100			PHYLLITE (HW) Pale brown, fine grained, foliated. Foliations typically dip at 30°. Defects very close to close spacing. Prominent defect sets dip with foliation. Defect surfaces are manganese stained.												
6			100			Several crushed quartz seams and clayey crushed zones throughout.												
7			83															
8			34															
9			0															
10			100															
11	89.10		100			PHYLLITE (MW) Grey, fine grained, foliated, highly fractured. Defects are generally closely spaced. Prominent defect sets dip at 30° and subvertical. Defect surfaces typically manganese stained. 8.35m HW baked zone.	MW											
12	87.97		100															
13																		
14	86.93					ANDESITE (HW) Orange-brown, fine grained. Clay altered, with harder kernels.	HW											
15	86.63		100			ANDESITE (SW)	SW											

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



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Table with columns: DEPTH (m), R.L. (m), AUGER CASING WASH BORING CORE DRILLING, RQD (%), CORE REC %, SAMPLE, MATERIAL DESCRIPTION, LITHOLOGY, USC WEATHERING, INTACT STRENGTH, DEFECT SPACING (mm), GRAPHIC LOG, ADDITIONAL DATA AND TEST RESULTS, SAMPLES TESTS.

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LOGGED BY JA

GLD_DMR_LIB_01_GLB_Log_A_ENGINEERING_BOREHOLE_LOG_W_LITHOLOGY_FG5825_BRUCE_HHWY_COOROY-CURRA_SECTION_A_BHS.GPJ DWG695012.GDW Digital CPT Tool.gINX Add-In 12/05/2010 10:31

Project: **Bruce Highway Upgrade (Cooroy – Curra) Section A**

Borehole No: **BH54**

Start Depth: 3.20m

Finish Depth: 11.50m

Project No: FG5825

H No: 10613



0 100 200 300 400 500 600mm

SCALE 1:5

F:GEO043/1