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# ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH C54  
SHEET 1 of 2  
REFERENCE No H11053

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Cut 15 COORDINATES 470662.3 E; 7097144.9 N  
PROJECT No FG5799 SURFACE R.L. 78.10m PLUNGE \_\_\_\_\_ DATE STARTED 07/07/11 GRID DATUM MGA94  
JOB No 232/10A/2 HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 07/07/11 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	78.10											
0.77.90					<b>TOPSOIL</b> <b>Silty CLAY (Residual):</b> Brown, moist, stiff, high plasticity. Occasional gravel, traces of organics.		(CH)					
1.77.10					<b>SILTSTONE (HW):</b> Brown, fine grained.		HW				30/75mm N>50	SP1
2.76.60					<b>SILTSTONE (MW):</b> Brown, fine grained, subtly foliated, medium to high strength, indurated and/or slightly metamorphosed.		MW					
		(55)			Defects: -Foliation parting at 50° (3/m) -Joint at 30° (3/m) -Joint at 70° (1-2/m)							
		100			Defect spacing is generally medium. Defect surfaces are planar, tight or open, slightly rough, clay infilled, iron stained.							
		(34)										
		100										
		(67)										
		100										
		(34)										
		100										
		(46)										
		100										
		(0)										
		72										
		(35)										
		100										
		(40)										
		100										

REMARKS

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# ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH C54  
SHEET 2 of 2  
REFERENCE No H11053

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Cut 15 COORDINATES 470662.3 E; 7097144.9 N  
PROJECT No FG5799 SURFACE R.L. 78.10m PLUNGE \_\_\_\_\_ DATE STARTED 07/07/11 GRID DATUM MGA94  
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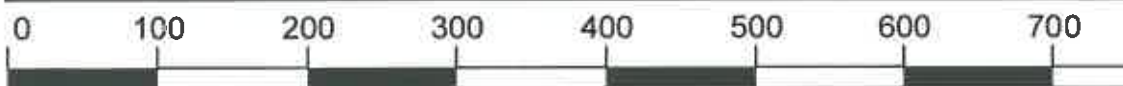
DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	68.10		CORE REC % (57)		SILTSTONE (MW): Cont'd	XXXXXX						Is(50) = 2.11MPa Is(50) = 1.85MPa	X O
11			100 (47)			XXXXXX		MW			CLy BZ	Is(50) = 0.98MPa	X
12						XXXXXX					CLy BZ	Is(50) = 2.11MPa	X
13	65.10		100		Borehole terminated at 13m	XXXXXX					J, 60°, Pl, T, SR, Clnf J, 70°, Pl, O, R, Thinly Clnf, FeSt J, 50°, Pl, O, Clnf, 10mm		
14													
15													
16													
17													
18													
19													
20													

REMARKS \_\_\_\_\_

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**CORE PHOTO LOG - BH C54**

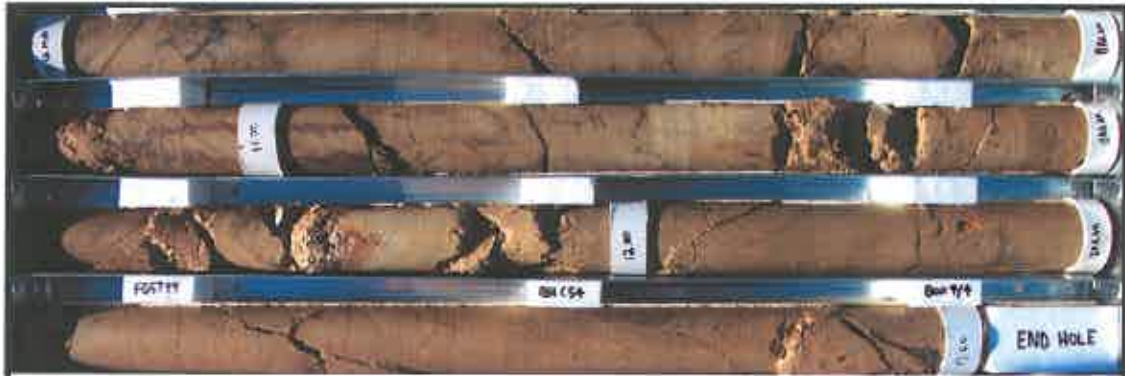
Project Name:	BRUCE HIGHWAY UPGRADE - SECTION C		
Project No.:	FG5799	Date:	08/09/2011
Details:	Cut 15	Start Depth (m):	1.50
Reference No.:	H11053	Finish Depth (m):	13.00



SCALE 1:5

## CORE PHOTO LOG - BH C54

Project Name:	BRUCE HIGHWAY UPGRADE - SECTION C		
Project No.:	FG5799	Date:	08/09/2011
Details:	Cut 15	Start Depth (m):	1.50
Reference No.:	H11053	Finish Depth (m):	13.00



SCALE 1:5