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## ENGINEERING BOREHOLE LOG

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

BOREHOLE No \_\_\_\_BH107 \_\_\_

SHEET \_\_\_1 \_\_ of \_\_2 \_\_

REFERENCE NO \_\_\_H10677 \_\_\_

PROJECT LOCATION	0 4 4 7	'AY (COOROY - CURRA) SECTION A GEO	TECHN	II <u>C</u> A	L INVESTI	<u>GATION</u>			.5 N		
PROJECT No			ACE R.L. 120.26m PLUNGE DATE STARTED 8/2/10								
JOB No	_128/10A/901	HEIGHT DATUM AHD BEARING			DATE COM	IPLETED _	8/2/1	0 DRILLER _ <u>Drillsure</u>			
R.L. (m)	AUGER CASING CASING CORE DRILLING SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	ATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA  AND  TEST RESULTS	SAMPLES		
0 120.26	AUGER CASING CASING CASING CASING SAMPL	Clayey SILT (Residual?)	<u>                                    </u>	N N		71111	GR.	TEST RESULTS	SAN		
-1	A	Brown to mottled red, moist, firm to stiff.  Intermediate plasticity	(1	MI)				1,2,2 N=4			
20082010 14:21	В	PHYLLITE (XW):						4,7,7 N=14	SPT		
7 100 glwt Adde-ln 20	C (16)	Generally exhibits the engineering properties of mottled red and grey, moist, hard, gravelly Silt.	XXXXX	(W				25,35/35mm N>50	SPT		
GDW Datgel C	100	PHYLLITE (MW): Light brown, fine grained, foliated. Foliation varies in dip from 30° to 60°.	<b>*************************************</b>					CLy HW zone			
ON A BHS GPJ DWG71499	(17)	Defects are generally medium spaced. Prominent defect set dipping parallel to foliation with other sets at 20°, 45° and subvertical. Defects surfaces are typically clay infilled or iron stained.	<b>}</b>					→ CLy HW zone  Brecciated zone  Is(50) = 0.36MPa Is(50) = 0.20MPa	o x		
12. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 (0)		\$					, ,			
VILIHOLOGY F68825 BROG	100 (16)		×	ıw					-		
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	83 (64)		<pre>\${{{{{}}}}}</pre>					Is(50) = 0.37MPa Is(50) = 0.04MPa	o x -		
B Log A ENGE			<b>*************************************</b>					Is(50) = 0.35MPa UCS= 1.5 MPa	UCS		
19.10 all 19.10	100 (81)		<b>\$</b>					Is(50) = 0.33MPa Is(50) = 0.22MPa	0 X		
REMARKS	S		<u>₩</u>					Is(50) = 0.43MPa Is(50) = 0.51MPa LOGGED BY	o x		
								JA			



## ENGINEERING BOREHOLE LOG

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

	BRUCE HIGHWAY (COORDY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION  Cut 17 COORDINATES 483196.2 E; 7081049.5 N									
		SURFACE R.L. <u>120.26m</u> PL				TARTED				
JOB No _12	28/10A/901	HEIGHT DATUM _AHD BEA	EARING		DATE COM	PLETED .	8/2/1	O DRILI	ER <u>Drillsure</u>	
DEPTH (m) (w) (m) (m) (m) (m) (m) (m) (m) (m) (m) (m	WASH BORING CORE DRILLING % ( ) % ( ) % ( ) WASH BORING SAMPLE	MATERIAL DESCRIPTION	гітногову	THERING	INTACT STRENGTH ボギェショジゴ	DEFECT SPACING (mm)	GRAPHIC LOG	A	NAL DATA	SAMPLES
10 110.26			H	USC	프 <u>夫</u> 프론기식의	28888	GRA	TEST R	ESULTS	SAMPL
-11		PHYLLITE (Cont'd) MW:		MW				□ CLy zone □ BZ □ CLy HW zone □ CLy HW zone	Is(50) = 0.15MPa Is(50) = 0.04MPa Is(50) = 0.16MPa Is(50) = 0.55MPa	x 0 -
105.26	73	Borehole terminated at 15m	***					1 1012 1000		
128 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Borehole terminated at 15m							LOGGED BY	

Project: Bruce Highway Upgrade (Cooroy - Curra) Section A

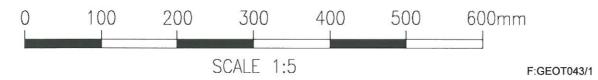
**BH 107** Borehole No:

Start Depth: Finish Depth: Project No: 3.00m 15.0m FG5825

H No:

10677





Project: <u>Bruce Highway Upgrade (Cooroy - Curra) Section A</u>

Borehole No: BH 107

Start Depth: Finish Depth:

3.00m 15.0m

Project No: H No:

FG5825 10677



