

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence*". This licence does not apply to the Queensland Government logo or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>



ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH065
SHEET 1 of 2
REFERENCE No H10591

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Skyring Ck Bridgesite Left of Abut A COORDINATES 483652.7 E; 7081291.6 N
PROJECT No FG5825 SURFACE R.L. 103.11m PLUNGE _____ DATE STARTED 14/9/09 GRID DATUM MGA94
JOB No 128/10A/901 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 14/9/09 DRILLER R & D Drilling

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
0	103.11												
1					A	Clayey SILT Pale grey with mottled red iron staining, moist, very stiff to hard. Contains minor organic (coal) in parts; occasionally contains sand and gravel; contains iron cemented bands and nodules in parts.						7,9,14 N=23	SPT
2					B							7,12,18 N=30	SPT
3					C							10,16,21 N=37	SPT
4					D							9,15,20 N=35	SPT
5	98.61				E	Sandy SILT / Sandy CLAY Grey-brown, fine grained, moist, dense. Contains gravel up to 5mm size in parts.						10,15,25 N=40	SPT
6					F							13,17,23 N=40	SPT
7	96.61				G	PHYLITE (XW) Exhibits engineering properties of pale grey-black, fine grained, moist, hard silty clay of medium plasticity.	XW					30/100 N>50	SPT
8	96.11		(0)		(HW)	Exhibits engineering properties of grey-yellow-brown, fine grained, wet, hard clayey silt. Contains MW phyllite up to 100mm thick.	HW					Jt, 70°, Ir, SR, O, Cl	
9	95.29		72 (26)		(HW-MW)	Grey brown, fine grained, foliated. Foliations @ 30-50°. Defects mainly dip at 10°, 30-50°. Defect surfaces are planar to irregular, slightly rough, closed and open with clay infill.	HW-MW					Is(50) = 2.57MPa	x
10	94.11		93 (54)		(MW)	Pale grey to brown, fine grained.	MW					Is(50) = 0.85MPa Is(50) = 0.92MPa	x x
10	93.11				(See over)								

REMARKS _____

LOGGED BY
BW



**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH065

SHEET 2 of 2

REFERENCE No H10591

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION

LOCATION Skyring Ck Bridgesite Left of Abut A COORDINATES 483652.7 E; 7081291.6 N

PROJECT No FG5825 SURFACE R.L. 103.11m PLUNGE _____ DATE STARTED 14/9/09 GRID DATUM MGA94

JOB No 128/10A/901 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 14/9/09 DRILLER R & D Drilling

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	93.11		100 (49)		PHYLLITE (MW) (Cont'd) Foliations @ 55°. Defects generally dip @ 0-10°, 40-55°, 80-90°. Defect surfaces are planar and irregular, slightly rough, closed with clay infill.	MW						Jt, 2 x 35°, Pl, S, C, Cn Clay seam Is(50) = 0.58MPa Jt, 35°, Pl, S, C, FeSt	x
11												HFZ with Jt, 70°, Ir, SR, O, clay infill Is(50) = 0.63MPa	x
12			100 (30)									Is(50) = 1.47MPa Jt, 70°, Pl, SR, O, FeSt	x
12												Is(50) = 1.23MPa Jt, 65°, Pl, S, C, FeSt Jt, 80-90° (100mm long), Pl, SR, C, clay infill Jt, 70°, Pl, S, C, Cn Jt, 90°, Ir, SR, O, ???	x
13	90.17		100		Borehole terminated at 12.94m								
14													
15													
16													
17													
18													
19													
20													

REMARKS _____

LOGGED BY
BW

Project: **Bruce Highway Upgrade (Cooroy – Curra) Section A**
Borehole No: **BH65**
Start Depth: 7.00m
Finish Depth: 12.94m
Project No: FG5825
H No: 10591



SCALE 1:5

F:GEOT043/1