

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/>



**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH066

SHEET 1 of 2

REFERENCE No H10633

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

LOCATION Skyring Ck Bridgesite Right of Abut A COORDINATES 483645.8 E; 7081329.5 N

PROJECT No FG5825 SURFACE R.L. 99.87m 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
0	99.87											
1				A	Silty CLAY Brown.						Driller's log only	Refusal U50
2	98.37			B	PHYLLITE / SILTSTONE? (XW) Exhibits engineering properties of grey-brown, minor iron staining, moist, loose to medium dense clayey silt of medium plasticity.							3,4,6 N=10 SPT
3				C	Contains gravel (quartz) inclusions, minor organics, relict and rock fabric visible in parts.	XW						11,15,20 N=35 SPT
4	95.87			D								23,30/100 N>50 SPT
5			(0)		PHYLLITE (MW) Pale grey, fine grained, foliated. Contains HW phyllite up to 350mm thick.						Jt, 10-20°, Pl, SR, O, Cl	
6			100 (0)		Generally foliations dip @ 50°. Defects mostly dip 0-10°, 25°, 40-60°. Defect surfaces are planar, smooth to slightly rough, closed and open with clay / chlerite (????) and iron stain infill.						Jt, 0-5°, Pl, S, C, Cl Jt, 3 x 45°, Pl, S, C, Clay / chlerite Broken zone	x
7			100 (0)			MW					HFZ Jt, 25°, Pl, S, O, Clay, FeSt Clayey silt seams Clay seam	
8			100 (0)								Shear zone (clayey silt)	
9			100 (0)								XW clayey silt	
10	92.12		100 (34)		(MW-SW) Dark grey to light grey, fine grained, foliated. Defects as above.						Is(50) = 0.43MPa Gravel (quartz) vein up to 5mm thick	x
11			100 (39)			MW-SW					Jt, 2 x 45°, Ir, SR, O, FeSt Jt, 55°, Pl, S, C, Clay Jt, 10°, Pl, S, C, FeSt Jt, 45°, Pl, S, C, Cn Jt, 10°, Pl, SR, C, Cn, FeSt	
12					(See over)						Broken zone Is(50) = 0.63MPa	x

REMARKS _____

LOGGED BY
BW



ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH066
SHEET 2 of 2
REFERENCE No H10633

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Skyring Ck Bridgesite Right of Abut A COORDINATES 483645.8 E; 7081329.5 N
PROJECT No FG5825 SURFACE R.L. 99.87m 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

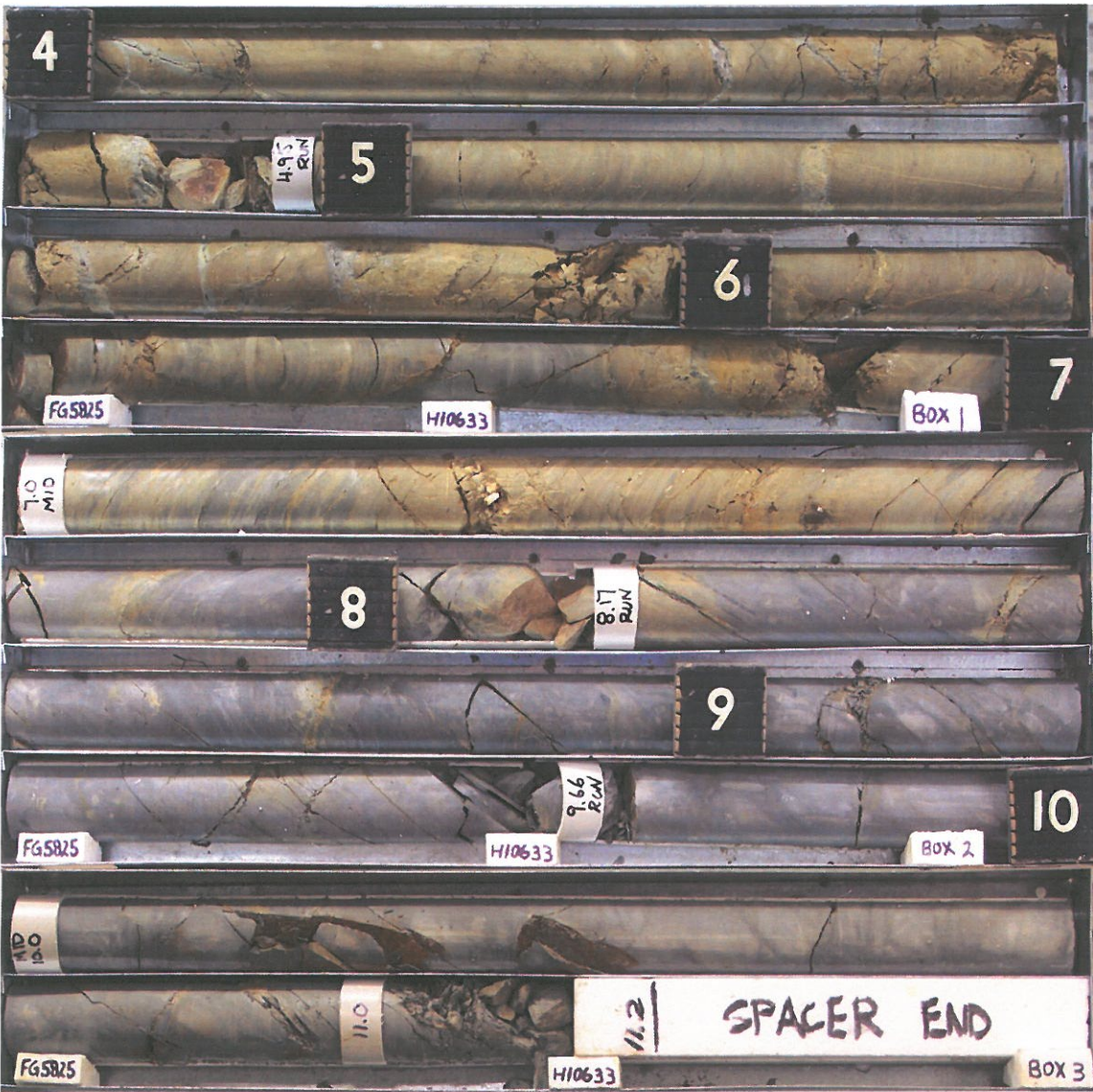
DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	HM	JL	VL	EL				
10	89.87				PHYLLITE (MW-SW) (Cont'd) As above.		MW-SW									Jt, 80-90°, Pl, SR, O, FeSt, multiple joints Is(50) = 0.72MPa	x
11	88.97				(HW)		HW									Sheared zone / fractured zone	
	88.67		100		Borehole terminated at 11.2m												
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

REMARKS _____

LOGGED BY
BW

QLD_DMR_LIB_01.GLB Log A: ENGINEERING BOREHOLE LOG W LITHOLOGY FG5825 BRUCE HWY COOROY-CURRA SECTION A.BHS.GPJ DWG66872.GDW Dataplot CPT Tool gINT Add-in 12/05/2010 13:47

Project: **Bruce Highway Upgrade (Cooroy – Curra) Section A**
Borehole No: **BH66**
Start Depth: 4.00m
Finish Depth: 11.20m
Project No: FG5825
H No: 10633



SCALE 1:5

F:GEOT043/1