

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**

GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH234**

Sheet 1 of 2

REFERENCE No **H12168**

PROJECT **Ipswich Motorway Upgrade - Rocklea to Darra**

LOCATION **Oxley Creek Overflow Bridge**

COORDINATES **498745.9 E; 6951032.6 N**

PROJECT No **FG6202**

SURFACE RL **1.04m**

PLUNGE **90°**

DATE STARTED **28/04/2015**

GRID DATUM **MGA94 Z56**

JOB No **201/416/003**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **28/04/2015**

DRILLER **Noth Coast**

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0.04					Silty CLAY (Alluvium) Grey moist, very soft. High plasticity, organic matter.	(CH)					
1					Clayey SAND (Alluvium) Grey, wet, loose. Fine grained sand.					28/04/2015	
2											
3				A	Becoming loose to medium dense.					1, 4, 6 N=10	SPT
4				B	Becoming medium dense.					6, 7, 9 N=16	SPT
5						(SC)					
6				C						4, 7, 9 N=16	SPT
7				D						7, 14, 14 N=28	SPT
8											
9				E	Silty CLAY (Residual) Grey brown mottled, moist, very stiff. Medium plasticity.	(CI)				6, 7, 12 N=19	SPT
-8.96											

Continued on next sheet

REMARKS: **Tod - Darra formation.**

LOGGED BY

REVIEWED BY

MS

SF



**Queensland
Government**

GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH234**

Sheet 2 of 2

REFERENCE No **H12168**

PROJECT **Ipswich Motorway Upgrade - Rocklea to Darra**

LOCATION **Oxley Creek Overflow Bridge**

COORDINATES **498745.9 E; 6951032.6 N**

PROJECT No **FG6202**

SURFACE RL **1.04m**

PLUNGE **90°**

DATE STARTED **28/04/2015**

GRID DATUM **MGA94 Z56**

JOB No **201/416/003**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **28/04/2015**

DRILLER **Noth Coast**

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
11				F	Silty CLAY (Residual) (Contd')					5, 9, 14 N=23	SPT
12				G	Becoming hard.	(Cl)				6, 11, 19 N=30	SPT
13				H						9, 17 hb	SPT
14	-12.36		(0)		SILTSTONE (Tod) XW: Recovered as pale grey brown, moist, hard Silty Clay with occasional Silty Sand interbeds (<100mm). High plasticity clay.						
15			100 (0)								
16			100 (0)							UCS=0.64 MPa	(15.37m)
17			82 (0)			XW					
18			100 (0)								
19	-18.36		100 (0)							UCS=0.96 MPa	(18.50m)
			100								
					Borehole completed at 19.40m						

REMARKS: Tod - Darra formation.

LOGGED BY

REVIEWED BY

MS

SF

Project Name	Ipswich Motorway Upgrade – Rocklea to Darra		
Project No.	FG6202	Date Completed	29/04/2015
Borehole No.	BH234	Reference Number	H12168
Location	36869.4 E; 151902.2 N	Start Depth (m)	13.4
Submitted By	DP	Finish Depth (m)	19.4
Remarks	-		

