

## **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 BORELOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 8  
SHEET : 1 OF 2  
REFERENCE No : H8214

PROJECT : NUNDAH BYPASS GEOTECHNICAL INVESTIGATION

LOCATION : 40438.574E 38818.902N

PROJECT No : MP1037

SURFACE R.L. : 20.48

DRILLER : DALY'S

JOB No :

DATUM : AND

DATE DRILLED : 23/02/98

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CASING OTHER	RQD (%)	CORE REC#	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	20.48					RESIDUAL SOIL Red, very stiff, dry to moist silty clay with firm grained sand content.	RS					
1											6,7,9 N=16	SET
2	18.48		100			SANDSTONE XW - Grey with red mottling with properties of a very stiff sandy clay.	XW					
3	17.68					DW - Grey with hard red ironstone concretions and bands throughout.						
4			59			Fine to medium grained, massive with no obvious defects.						
5			85									
6							DW				High strength ironstone band	
7			100								High strength ironstone band	
8						7.00 - 7.30 Coarse grained.						
9	11.68		100								High strength ironstone band	
10	10.48					SHALE XW - Grey with red mottling comprising harder ironstone concretions.	XW					

REMARKS :

LOGGED BY

J. MARTIN

# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 8  
SHEET : 2 OF 2  
REFERENCE No : H8214

PROJECT : NUNDAH BYPASS GEOTECHNICAL INVESTIGATION

LOCATION : 40438.574E 38818.902N

PROJECT No : MP1037

SURFACE R.L. : 20.48

DRILLER : DALY'S

JOB No :

DATUM : AHD

DATE DRILLED : 23/02/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD ( ) %  CORE REC %	SAMPLE	MATERIAL  DESCRIPTION	USC  WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)					GRAPHIC LOG	ADDITIONAL DATA  AND  TEST RESULTS	SAMPLES  TESTS
							CH	SH	GM	MM	BL	20	60	200	600	2000			
10	10.48				XW - SHALE (cont) Very low strength with engineering properties of hard silty clay.	XW													
11	9.28		73		SANDSTONE DW - Grey with thin black shale interbeds, medium strength, bedding dips 10 - 15 degrees.  Defect sets dip at 60 degrees and along bedding.	DW													
12	7.73		100																
13					END OF HOLE  Defects clean														
14																			
15																			
16																			
17																			
18																			
19																			
20																			

REMARKS :

LOGGED BY

J. MARTIN