

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 F:GEOT 017/0-1998

BOREHOLE No : BH12
SHEET : 1 OF 2
REFERENCE No : H8912

PROJECT : GATTON BYPASS DUPLICATION - CUT 1
LOCATION : EASTING 430220.79, NORTHING 6953292.44
PROJECT No : C60232 SURFACE R.L. : 113.07 DRILLER : DALY BROTHERS PTY LTD
JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 09/06/2001

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
0	113.07											
						TOPSOIL Brown, moist, sandy clay.					Driller's record only.	
1	112.17					SANDSTONE (See remarks for rock details) XW : Generally exhibits engineering properties of white to pale grey, dry, very stiff sandy silty clay.	XW				12,11,15 N=26	SPT
2	111.57					HW : No recovery. Possibly silty sand.	HW					
3	110.52					MW : Pale brown to orange, low to mainly medium strength. Defects : Drilling induced lamination partings/fractures <10 deg 1/m. Occasional joints <50deg (1/6m).					30/50 N=50 Is(50)=0.54MPa	SPT o
4			(100)	100							Is(50)=0.54MPa	x
5						Grading to SW rock with depth.	MW				Is(50)=0.38MPa	o
6			(100)	100							Is(50)=0.41MPa	o
7	106.07		(100)	100							Is(50)=0.60MPa	x
8			(100)	100		SW : Pale grey to grey, medium to mainly high strength. Defects : Occasional drilling induced lamination partings (<15deg). Becoming fresh rock with depth.	SW				Is(50)=0.72MPa	x
9											Scattered gravel sized lithic clasts between 7.0m to 8.0m. Is(50)=1.39MPa	o
10	103.07										Is(50)=0.46MPa	x
											Is(50)=1.24MPa	o
											Shale layer.	
											Is(50)=0.96MPa	x

REMARKS : SANDSTONE - FINE TO MEDIUM GRAINED, MASSIVE TO SLIGHTLY LAMINATED,

LOGGED BY

A. DISNEY



ENGINEERING
BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : BH12
SHEET : 2 OF 2
REFERENCE No : H8912

PROJECT : GATTON BYPASS DUPLICATION - CUT 1
LOCATION : EASTING 430220.79, NORTHING 6953292.44
PROJECT No : C60232 SURFACE R.L. : 113.07 DRILLER : DALY BROTHERS PTY LTD
JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 09/06/2001

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%) CORE	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	VL				
10	103.87		100		SW : (As above).	SL									
	102.97		100		END OF HOLE										
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

