

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 : BH13
 SHEET : 1 OF 1
 REFERENCE No : H8913

PROJECT : GATTON BYPASS DUPLICATION - ALLAN STREET UNDERPASS BRIDGE - ABUTMENT A
 LOCATION : EASTING 429212.30, NORTHING 6953461.79
 PROJECT No : C60232 SURFACE R.L. : 112.77 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 30/05/01

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	INTACT STRENGTH				DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						USC	WEATHERING	EH	VH				
0	112.77				TOPSOIL Brown, dry, stiff sandy clay.	SC						Driller's record only	
1	111.87				PROBABLE RESIDUAL SILTY SAND	SM						No recovery 3,5,7 N=12	SPT
2	110.77				SANDSTONE FINE TO MEDIUM GRAINED, MASSIVE TO SLIGHTLY LAMINATED, CALCAREOUSLY CEMENTED, SEDIMENTARY ROCK. XW : Generally exhibits engineering properties of pale brown to orange brown, moist to dry, dense to very dense silty sand.	XW						8,13,24 N=37	SPT
3													
4												30/60 N>50	SPT
5	108.07				HW Probable very dense silty sand or HW rock.	HW							
6	107.22				MW Pale grey brown to grey brown, mainly high to very high. Defects - Drilling induced lamination partings.	MW						30/40 N>50 Is(50)=1.00MPa Is(50)=2.09MPa Is(50)=1.24MPa Is(50)=1.43MPa Is(50)=2.00MPa Is(50)=1.99MPa Is(50)=4.66MPa	x o x o o x o
7	105.42		(97) 100									Siltstone band	
8	104.52		(80) 100		SW Grey brown, high to mainly very high strength, partly crystallised/well cemented matrix. Defects - Lamination partings (5/m) <10deg. Occasional broken zones <100mm.	SW						Is(50)=5.10MPa Broken zone Is(50)=5.16MPa Is(50)=6.85MPa	o x o
9					END OF HOLE								
10													

