

## **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 BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH08  
SHEET 1 of 1  
REFERENCE No H11007

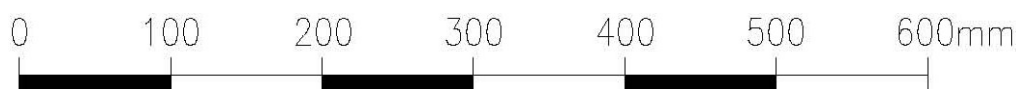
PROJECT Noonan Range Geotechnical Investigation  
LOCATION Cut 4 - Ch.25580 - 10m Right of CL COORDINATES 492288.4 E; 7101005.2 N  
PROJECT No FG5917 SURFACE R.L. 42.20m PLUNGE \_\_\_\_\_ DATE STARTED 24/3/11 GRID DATUM MGA94  
JOB No 128/14/19 HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 24/3/11 DRILLER Drillsure Pty Ltd

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	H	M	J	VL	EL	20	60					200
0	42.20					ROADBASE																	
	42.10					SHALE XW: Grey, fine grained, fissile with engineering properties of very stiff clayey silt.																	
1					A	Rock structure visible.		XW													30/100mm N>50	SPT	
2	40.10				B	SANDSTONE Fine grained sedimentary rock SW: Grey, medium to high strength, mainly massive with very thin shale interbeds dipping from 10° and 30° in parts.															30/50mm N>50	SPT	
			(0)			Defect sets dip at 10° to 30° and 80°; many closed defects throughout rock.																	
			100			Defect planes are brown and iron stained, with some open at 2.6m, 4.6m, 4.7m, 5.15m and 5.3m, with thick clay infills.																	
			(30)																				
3																							
			100																				
			(21)																				
4																							
			100																				
			(44)																				
5																							
			100																				
			(57)																				
6																							
			100																				
7																							
			(57)																				
8	34.10		100			Borehole terminated at 8.1m																	
9																							
10																							

REMARKS \_\_\_\_\_

LOGGED BY  
JM

Project: **NOONAN RANGE**  
Borehole No: **BH 8**  
Start Depth: 2.10m  
Finish Depth: 8.10m  
Project No: FG 5917  
H No: 11007



SCALE 1:5

F:GEOT043/1