

## **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/>



# EXCAVATION OR OUTCROP LOG

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

FEATURE No	TP4
SHEET	1 of 1
DATE LOGGED	

PROJECT Noonan Range Geotechnical Investigation  
 LOCATION At Survey Peg Ch.25610 COORDINATES 492260.6 E; 7100952.4 N  
 PROJECT No FG5917 SURFACE R.L. 47.48 DATUM AHD SYSTEM MGA94  
 JOB No 128/14/19 EQUIPMENT TYPE AND MODEL 3.5 tonne Caterpillar BUCKET SIZE \_\_\_\_\_

DEPTH (m)	R.L. (m)	METHOD	PENETRATION FAST MED SLOW	LITHOLOGY	USC WEATHERING	SOIL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	ADDITIONAL DATA AND COMMENTS	SAMPLE	TEST RESULTS
						SOIL TYPE : plasticity or particle characteristics, colour, secondary components ROCK DESCRIPTION ROCK SUBSTANCE : type, grain characteristics, colour, structure, inclusions, weathering, strength DEFECTS : type, orientation, spacing, persistence, coating / infill						
0	47.48					<b>TOPSOIL</b> Mottled grey, very moist, with organics (leaves). <b>Silty CLAY / RESIDUAL SOIL</b> Mottled brown, orange and grey, slightly moist, with minor organics (roots). Medium plasticity.						
1					XW	<b>SHALE</b> <b>XW:</b> Mottled grey-brown.  0.7m: Becoming darker grey, red and brown.				1.0-1.2m: PI=13%; LL=35%; LS=9.2%; % passing 37.5mm=100; % passing 19.0mm=96; % passing 2.36mm=21; % passing 0.075mm=7.4 MDD=1.851t/m <sup>3</sup> ; OMC=13.7% 1.2-1.6m: PI=13%; LL=35%; LS=8.8%		
					XW-HW	<b>I/B SANDSTONE / SHALE</b> <b>XW-HW:</b> Mottled grey-brown.						
2.5	44.98					Hole terminated at 1.6m				1.6m: Refusal		

QLD\_DMIR\_LIB\_01A.GLB Log A\_EXCAVATION OR OUTCROP LOG FG5917 NOONAN RANGE TPS.GPJ <-DrawingFile> Datagel CPT Tool.gINI Add-In 03/06/2011 12:18

REMARKS Contractor - RPM Earthmoving

LOGGED BY  
AS / DW



TP4