

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 and author as follows: "(c) State of Queensland (Department of Transport and Main Roads) 2023, licensed under the CC BY 4.0 Licence, prepared by ENGEO". This licence does not apply to logos 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/>

This log has been contributed to the Queensland Geotechnical Database with the permission of ENGEO.



GEOTECHNICAL BOREHOLE LOG BH06

In Accordance with AS1726:2017

Geotechnical Investigation
B-N Rd and Maudsland Rd
Mount Nathan, QLD
17820.000.001

Client : Roadtek
Date : 30/10/2020
Hole Depth : 2.05 m
Core Diameter : 52 mm
Drilling Method : Solid Flight Auger

Drilling Contractor : Redlands Ltd
Logged/Reviewed By : AK/SF
Easting/Northing (MGA94) : 527002.83 / 6906967.42
Page :
Datum/Surface RL : GHD/54.58 m

Depth (m BGL)	Drilling Method	Water Level	Elevation (RL)	TCR (%) / RQD (%)	Stratigraphic Unit	Group Symbol (USCS)	MATERIAL DESCRIPTION	Log Symbol	Weathering	Estimated Intact Strength	Average Defect Spacing (ISO14689:2017)	Additional Comments	Test Results
					T	ML	Clayey SILT trace rootlets (Topsoil) Dark brown, dry, stiff.						
	Auger		54		Residual	CI	Silty CLAY trace sand and gravel (Residual) Pale brown mottled orange, moist, stiff, moderate plasticity.						
1	SPT				DCf		METAGREYWACKE (DCf) XW: Recovered as clayey SILT with gravel. Grey-brown mottled orange, moist, hard, low plasticity.	XW					SPT: 8/18/25 N = 43 PI = 15.4% LL = 31.0% LS = 7.4%
2	SPT						METAGREYWACKE (DCf) HW: Grey, fine to medium grained, low to medium strength.	HW					SPT: 30 for 50 mm HB
End of Hole Depth : 2.05 m													

Notes:

Borehole met practical refusal

T = TOPSOIL

DCf = Neranleigh - Fernvale Beds

GEOTECHNICAL BOREHOLE LOG - AU BH LOGS.GPJ NZ DATA TEMPLATE 2.GDT 2/11/20