

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 S-BH11

In Accordance with AS1726:2017

Beaudesert-Beenleigh Road Upgrade
Beaudesert-Beenleigh road
Beenleigh
18840.000.001

Client : AHS
Date : 01/06/2021
Hole Depth : 5 m
Core Diameter : 100 mm
Drilling Method : Mud Rotary

Drilling Contractor : Redlands Drilling
Logged/Reviewed By : RC/JA
Easting/Northing (MGA94) : 519187.38 / 6933508.244
Page : 1 / 1
Datum/Surface RL : AHD/22.476 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
						GP	BITUMEN						
						GP	Sandy GRAVEL (FILL) Brown, moist, dense. Medium to coarse sand. Fine to medium, subrounded gravel.						
					Residual	GP	GRAVEL trace Sand trace Clay [Residual] Dark Grey mottled brown, moist, dense to very dense. Medium to coarse, angular poorly graded gravel, medium to coarse sand, low plasticity fines						
1	Auger		22										
							METAGREYWACKE (Dcf) MW: Grey mottled dark brown, medium to coarse, massive, weakly foliated 20°-40°, mainly low to high strength. Frequent HA and HW very low strength zones. - Js: 0° - 20° (12-15/m) Sm, OP or HD, CN or iron Stn, Pln - Js: 40° - 70° (3-5/m) Sm, OP or HD, CN or iron Stn, Pln - Js: 70° - 90° (2/m) Sm						
				100 / 44					MW				1.50m - 1.55m $I_{p30}(D) = 1.9$ Mpa 1.50m - 1.55m $I_{p30}(A) = 1.2$ Mpa
2									HW			- Cs 2.0m - 2.10m	
									HA			- Cs 2.48m - 2.51m	
									MA				
3	NMLC				Dcf				XW				
				100 / 39					HW			- Cs 3.6m - 3.45m	
									XA				
4							METASILTSTONE (Dcf) HW: Grey mottled orange brown, fine grained, thinly to thickly laminated, laminations dip at 10°-20°, very low to low strength. - Js: 10° - 20° (4/m) Op or Ti, RO, iron Stn, Pln - Js: 20° - 40° (4/m) Ti, iron Stn, Pln						3.81m - 3.91m $I_{p30}(D) = 2.0$ Mpa 3.81m - 3.91m $I_{p30}(A) = 3.0$ Mpa
				100 / 82					HW			bedding dips at 10° - 20° from 4.14m - 4.6m	
												bedding dips at 80° - 90° from 4.6m - 5.0m	
5													

Notes:

End of Hole Depth : 5 m

Dcf: Naranleigh Fernvale Beds

GEOTECHNICAL BOREHOLE LOG - AU 18840.000.001 - BEAUDESERT - BEENLEIGH RD UPGRADE PROJECT.GPJ NZ DATA TEMPLATE 2.GDT 2/7/21

Borehole No.: BH11		Depth Range: 1.00m – 5.00m		Box: 1/1	
					
Beaudesert-Beenleigh Road S-BH11 SOC: 1.0m EOH: 5.0m					
0m		0.5m		1.0m	
		Geotechnical Investigation Borehole Photos			
		Client: Aussie Hydrovac Services			
		Project: Beenleigh-Beaudesert Road Upgrade		Drawn: RC	Page No. 1/1
		Project No. 18840.000.001		Checked: JA	Size: A4
		Date Drilled: 01/06/2021		Revision: 0	Scale: N/A