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GEOTECHNICAL BOREHOLE LOG S-BH10

In Accordance with AS1726:2017

Beaudesert-Beenleigh Road Upgrade
Beaudesert-Beenleigh road
Beenleigh
18840.000.001

Client : AHS
Date : 01/06/2021
Hole Depth : 4 m
Core Diameter : 100 mm
Drilling Method : Mud Rotary

Drilling Contractor : Redlands Drilling
Logged/Reviewed By : RC/JA
Easting/Northing (MGA94) : 519172.632 / 6933468.853
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Datum/Surface RL : AHD/23.799 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
							CONCRETE						
	Auger				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							METAGREYWACKE (Dcf) MW: Grey mottled dark brown, medium to coarse grained, massive, weakly foliated at 20°-40°, medium to high strength - 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, OP or HD, CN or iron Stn, Pln					- Cs 1.09m - 1.13m - Xs 1.55m - 1.57m - Xs 1.8m - 1.84m	1.15m - 1.20m $I_{p50}(D) = 0.76$ Mpa 1.15m - 1.20m $I_{p50}(A) = 1.1$ Mpa
2	NMLC					Dcf							
3													
4							METAGREYWACKE (Dcf) SW: Grey mottled dark brown, medium to coarse grained, weakly foliated at 20°-40°, high strength - Js: 0° - 20° (8/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						

End of Hole Depth : 4 m

Notes:

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.: BH10		Depth Range: 1.00m – 4.00m		Box: 1/1	
0m		0.5m		1.0m	
	Geotechnical Investigation Borehole Photos	Client: AHS			
		Project: Beenleigh-Beaudesert Road Upgrade		Drawn: RC	Page No. 1/1
		Project No. 18181.000.001		Checked: JA	Size: A4
		Date Drilled: 01/06/2021		Revision: 0	Scale: N/A