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GEOTECHNICAL BOREHOLE LOG BH05

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 : 1.35 m
Core Diameter : 52 mm
Drilling Method : Solid Flight Auger

Drilling Contractor : Redlands Ltd
Logged/Reviewed By : AK/SF
Easting/Northing (MGA94) : 527021.41 / 6906887.82
Page :
Datum/Surface RL : GHD/44.83 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	CI	Silty CLAY trace sand and gravel (Topsoil) Grey-brown, dry, stiff.						
					Residual	CH	Silty CLAY trace sand and gravel (Residual) Orange-brown, moist, very stiff, high plasticity.						BULK: PI = 32.8% LL = 57.2% LS = 13.6% CBR(4) = 3.0%
1	SPT		44		DCf		METAGREYWACKE (DCf) MW: Grey, fine to medium grained, high strength.		MW				SPT: 14/30 for 80 mm HB

End of Hole Depth : 1.35 m

Notes:

Borehole met practical refusal

T = TOPSOIL

DCf = Neranleigh - Fernvale Beds