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# GEOTECHNICAL BOREHOLE LOG BH04

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

Drilling Contractor : Redlands Ltd  
Logged/Reviewed By : AK/SF  
Easting/Northing (MGA94) : 527036.15 / 6906899.72  
Page :  
Datum/Surface RL : GHD/44.62 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	<b>Silty CLAY trace rootlets (Topsoil)</b> Grey-brown, moist, very stiff, moderate plasticity.						
	Auger		44		Residual	CH	<b>Silty CLAY with sand and trace gravel (Residual)</b> Orange-brown mottled red-brown, moist, stiff, high plasticity.						BULK: PI = 27.8% LL = 58.8% LS = 18.4% CBR(4) = 2.0%
1													SPT: 3/20/30 for 90 mm
	SPT				DCf		<b>METAGREYWACKE (DCf)</b> HW: Grey, fine to medium grained, medium to high strength. Iron staining on joints.		HW				
	Auger		43										

End of Hole Depth : 1.95 m

## Notes:

Borehole met practical refusal

T = TOPSOIL

DCf = Neranleigh - Fernvale Beds