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GEOTECHNICAL BOREHOLE LOG BH07

In Accordance with AS1726:2017

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

Client : Roadtek
Date : 1/10/2020
Hole Depth : 5.2 m
Core Diameter : 52 mm
Drilling Method : Solid Flight Auger
Drilling Contractor : Redlands Ltd
Logged/Reviewed By : AK/SF
Easting/Northing (MGA94) : 527029.74 / 6906749.23
Page :
Datum/Surface RL : GHD/39.11 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
					ROADBASE	GW	ASPHALT GRAVEL with silt and trace sand (ROADBASE) Dark grey, dry, medium dense.						
1	SPT				FILL	ML	Clayey SILT with sand and gravel (FILL) Brown mottled pale grey and orange-brown, moist, very stiff, low plasticity.						SPT: 5/11/12 N = 23
2	SPT												SPT: 10/8/7 N = 15 PI = 9.2% LL = 23.2% LS = 4.2%
3	SPT				ALLUVIUM	CL	Silty CLAY with sand and trace organics (Alluvial) Dark brown-grey mottled brown, moist, very stiff, low plasticity.						SPT: 7/7/11 N = 18 PI = 16.0% LL = 29.2% LS = 7.8%
4	SPT				DCf		METAGREYWACKE (DCf) XW: Recovered as silty CLAY with gravel and trace sand. Green-grey-orange-brown, moist, hard, low plasticity.	XW					SPT: 19/17/29 N = 46 PI = 15.2% LL = 29.0% LS = 8.0%

Notes:

Borehole met practical refusal

DCf = Neranleigh - Fernvale Beds



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SPT Auger			-34		DCf		5.0m: Becomes pale green-grey mottled brown.		XW	<div><div>Very Low</div><div>Low</div><div>Medium</div><div>High</div><div>Very High</div><div>Extremely High</div><div>Extremely Close</div><div>Very Close</div><div>Close</div><div>Medium</div><div>Wide</div><div>Very Wide</div></div>			SPT: 30 for 120 mm

End of Hole Depth : 5.2 m

Notes:

Borehole met practical refusal

DCf = Neranleigh - Fernvale Beds