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GEOTECHNICAL BOREHOLE LOG 21-BH14

In Accordance with AS1726:2017

Beaudesert-Beenleigh Road Upgrade
 Beaudesert-Beenleigh road
 Beenleigh
 18840.000.001

Client : AHS
 Date : 11/08/2021
 Hole Depth : 5.05 m
 Core Diameter : 100 mm
 Drilling Method : Solid Flight Auger

Drilling Contractor : Redlands Drilling
 Logged/Reviewed By : RC/SF
 Easting/Northing (MGA94) : 519095.637 / 6933245.23
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 Datum/Surface RL : AHD/31.205 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
31	Auger						ASHPHALT						
30	SPT				CL		ARGILLITE (Dcf) XW: Recovered as Sandy CLAY trace Gravel. Pale brown-grey, dry, hard. Low to medium plasticity. Fine to medium grained sand. Fine, angular gravel.	XW					SPT 'A' 18.30/110mm MC = 6.6% F < 75µm = 56 LL = 35% PI = 13% LS = 5% ECN = 4
29	Auger			100 / 45	Dcf		ARGILLITE (Dcf) HW: Purple-brown mottled pale grey, fine grained, foliated, mainly low to medium strength. Foliation dips at 30°-50°. - FP at 30-50° (5-10/m) Sm, Tl, Cly Vr - Js at 0°-20° (5/m) Sm, Tl, Fe Stn	HW					1.53 - 1.69 $I_{t(50)}(D)$ = 0.46Mpa 2.1 - 2.3 $I_{t(50)}(D)$ = 0.48Mpa 2.78 $I_{t(50)}(D)$ = 0.51Mpa
28	NMLC			100 / 53									
27				100 / 23									
5							End of Hole Depth : 5.05 m						

GEOTECHNICAL BOREHOLE LOG - AU 18840.000.001 - BEAUDESERT - BEENLEIGH RD UPGRADE PROJECT.GPJ NZ DATA TEMPLATE 2.GDT 9/9/21

Notes:

Dcf: Naranleigh Fernvale Beds

Borehole No.: 21-BH14		Depth Range: 1.00 – 5.05m		Box: 1/1	
0m		0.5m		1.0m	
	Supplementary Geotechnical Investigation Borehole Photos	Client: RoadTek		Drawn: RC	Page No. 1/1
		Project: Beaudesert-Beenleigh Road upgrade		Checked: SF	Size: A4
		Project No. 18840.000.001		Revision: 01	Scale: N/A
		Date Drilled: 11/08/2021			