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GEOTECHNICAL BOREHOLE LOG S-BH12

In Accordance with AS1726:2017

Beaudesert-Beenleigh Road Upgrade
Beaudesert-Beenleigh road
Beenleigh
18840.000.001

Client : AHS
Date : 02/06/2021
Hole Depth : 5.33 m
Core Diameter : 200 mm
Drilling Method : Mud Rotary

Drilling Contractor : Redlands Drilling
Logged/Reviewed By : SF/JA
Easting/Northing (MGA94) : 519102.709 / 6933341.495
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Datum/Surface RL : AHD/26.367 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 <small>(ISO14689:2017)</small>	Additional Comments	Test Results
									Very Low Low Medium High Very High Extremely High	Extremely Close Very Close Close Medium Wide Very Wide			
26	Auger				Fill	GM	Sandy Silty GRAVEL [Fill] Brown, grey moist, dense. Fine to medium, subangular to angular Gravel, fine Sand						
25	spt				Residual	CI	Clayey Sandy GRAVEL [Residual] Grey, brown, moist, Medium dense. Low to medium plasticity Fines, fine, subangular to angular Gravel					Iron staining on rock fragments	SPT 'A' 9.6.7 N=13 1.00m - 1.25m MC = 9.9% %F<75µm = 28% LL = 35% PI = 19%
24	Auger												
23	SPT				Dcf	CI	Sandy CLAY trace gravel (Residual) Grey, brown, moist, very stiff. Medium plasticity, Fine to coarse sand. Fine, angular gravel						SPT 'B' 5.7.9 N=16 2.50m - 2.95m MC = 15.7% %F<75µm = 54% LL = 42% PI = 26% LS = 9.0%
22	Auger												
21	SPT				Dcf		ARGILLITE (Dcf) XW: Recovered as Clayey GRAVEL. Grey, pink, orange brown, medium dense. Relict foliation, iron stained.	XW MW HW XW MW HW				- Xw 4.15m 4.52m	SPT 'C' 9.30/140
20	NMLC						ARGILLITE (Dcf) MW: Dark grey mottled red, fine grained, weakly foliated, medium to high strength. - Fp 30° - 40° (5/m) Sm or Ro, Tl, clay Vr or iron Stn - Js 20° - 30° (4/m) Sm or Ro, Ti, clay Vr or iron Stn	MW HW MW XW				- Xw 5.2m - 5.33m	4.89m - 4.96m I _{u(30)} (D) = 0.66 Mpa 4.89m - 4.96m I _{u(30)} (A) = 1.1 Mpa

End of Hole Depth : 5.33 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.: BH12		Depth Range: 4.29m – 5.33m		Box: 1/1	
					
0m		0.5m		1.0m	
	Geotechnical Investigation Borehole Photos	Client: Aussie Hydrovac Services			
		Project: Beenleigh-Beaudesert Road Upgrade		Drawn: RC	Page No. 1/1
		Project No. 18840.000.001		Checked: JA	Size: A4
		Date Drilled: 02/06/2021		Revision: 0	Scale: N/A