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# SOIL BOREHOLE LOG 21-BH13

Beaudesert-Beenleigh Road Upgrade  
 Beaudesert-Beenleigh road  
 Beenleigh  
 18840.000.001

Client : AHS  
 Start Date / End Date : 10/08/2021  
 Hole Depth : 5.76 m  
 Hole Diameter : 100 mm  
 Drilling Method : Solid Flight Auger

Drilling Contractor : Redlands Drilling  
 Logged/Reviewed By : RC/SF  
 Easting/Northing (MGA94) : 519059.995 / 6933213.269  
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 Datum/Surface RL : AHD/29.911 m

Depth (m)	Material	Group Symbol	DESCRIPTION	Log Symbol	Elevation (RL)	Water Level	Moisture	Consistency/ Density Index	SPT N-Value	Pocket Pen. Su (kPa)	Shear Vane (kPa) (Peak/Remoulded)	Dynamic Cone Penetrometer (DCP)					Sample Type	Test Results	
												2	4	6	8	10			12
0.5	FILL	CI	<b>CLAY with Sand trace Gravel (FILL)</b> Grey mottled red-brown, stiff, moist. Medium plasticity. Fine, angular gravel. 0.5m: Becoming very stiff. 1.2m: Becoming orange-brown.		29			St	6,10,11 N=21	100								SPT (A)	MC = 16.7% %F<75µm = 16 LL = 50% PI = 32 LS = 11% ECN = 2.
1.0		VSt	U75 (01)																
1.5																			
2.0	RESIDUAL	CI	<b>Sandy CLAY with Gravel (Residual)</b> Orange-brown mottled grey, moist, very stiff. Medium plasticity. Fine, angular gravel. Fine to medium sand.		28			VSt	8,13,13 N=26									SPT (B)	MC = 13.1% %F<75µm = 52 LL = 49% PI = 33% LS = 11%.
2.5																			
3.0	RESIDUAL	CI	<b>CLAY trace Gravel (Residual)</b> Pale grey mottled orange-brown, moist, very stiff. Medium plasticity. Fine to medium, angular gravel.		27		M	VSt	11,11,13 N=24									SPT (C)	
3.5																			
4.0	DCf	GP	<b>METAGREYWACKE (Dcf)</b> XW: Recovered as GRAVEL trace Clay and Sand. Dark brown, moist, medium dense.		26			MD	11,12,13 N=25									SPT (D)	
4.5																			
5.0	DCf	CI	Fine to medium, angular, gravel. Fine to coarse sand.		25			H	13,22,29 N=51									SPT (E)	
5.5																			
			End of Hole Depth: 5.76 m Termination: Target depth																

GEO TECH SOIL AUGER LOG - AU 18840.000.001 - BEAUDESERT - BEENLEIGH RD UPGRADE PROJECT.GPJ NZ MASTER DATA TEMPLATE.GDT 9/9/21

Dcf: Naranleigh Fernvale Beds