

PROJECT NUMBER YOWN-2306 PROJECT NAME YOWN <div style="background-color: black; width: 100%; height: 20px;"></div>	DRILLING DATE 2023-10-08 TOTAL DEPTH 11 m bgs DIAMETER 5 cm CASING PVC SCREEN PVC Factory Slotted	COORDINATES 63.594711; -135.898129 COORD SYS Lat; Long COMPLETION 2023-10-08
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COMMENTS **LOGGED BY** NB

% Recovery	Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram
	0.5		M	Brown FILL (Sand & Gravel, some silt)	<p>The well diagram shows a vertical casing with a filter pack at the top. Below the filter pack is a layer of bentonite. The well is filled with various materials corresponding to the log entries: Brown FILL, Brown ORGANIC, Brown SAND and GRAVEL, Brown GRAVEL, Brown SAND, Grey SAND & GRAVEL, and Grey SILT. A second filter pack is located at approximately 4.5m depth. The well terminates at 11m depth with a bentonite seal.</p>
	1.0		M	Brown ORGANIC, with Sand & Gravel, dense	
	1.5		D	Brown SAND (fine/medium) and GRAVEL (small/medium), loose	
	2.0				
	2.5		S	Brown GRAVEL (fine/coarse), saturated; some Sand (medium/coarse) loose.	
	3.0				
	3.5		S	Brown SAND (medium/coarse), some Gravel (fine/medium), saturated, loose	
	4.0				
	4.5				
	5.0		S	Grey SAND & GRAVEL (fine/coarse); saturated	
	5.5				
	6.0				
	6.5				
	7.0		S	Grey SILT, dense, wet/saturated.	
	7.5				
	8.0				
	8.5				
	9.0				
	9.5				
	10.0				
	10.5				
	11.0			Termination Depth at:11 m bgs	
	11.5				

PROJECT NUMBER Sample HGC PROJECT NAME Sample Hydrogeo & Contam CLIENT Redev Pty Ltd ADDRESS 1 Hibiscus Blvd, Alderville DRILLING DATE 1/01/2005 - 2/01/2005 LICENCE NO. L312-Nb4	DRILLING COMPANY ABC Drilling DRILLER Mr M. Brown DRILL RIG DRILLING METHOD Augering Hollow Flight TOTAL DEPTH 14 DIAMETER	COORDINATES 4581.8, 6021 COORD SYS SURFACE ELEVATION 45.15 WELL TOC A=45.2; B=45.23; C=45.17 LOGGED BY JB CHECKED BY M. Smart
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COMPLETION	CASING uPVC	SCREEN uPVC Factory Slotted
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COMMENTS Near the corner of the main shed

Depth (m)	Drilling Method	PID	Samples	Sample Type	Is Analysed?	Water	Well Installation			Graphic Log	Material Description	Moisture	Consistency	Additional Observations	Elevation (m)
							A	B	C						
45										ASPHALT: Hard		H		45	
44										SILTY CLAY: Silty red clay with minor organic matter, Dry, Dense	D	D	Old pipework	44	
43		82	BH01_2-2.1	SS										43	
42														42	
41														41	
40			BH01_5-5.3	SS	Y									40	
39		6	BH01_5.8-6	SS						GRAVELLY SAND: Wet, Dense	W	D	Petroleum Smell	39	
38			BH01_6.4-6.8	SS	Y									38	
37		34	BH01_8-8.3	SS	Y					SILTY CLAY: Dry, Dense	D	D		37	
36			BH01_8.4-8.5	SS										36	
35			BH01_10-10.5	SS	Y					SANDY GRAVEL: Dry, Dense	D	D		35	
34										GRANITE: Highly weathered granite, Dry, Hard	D	H		34	
33														33	
32														32	
31										Termination Depth at: 14 m				31	

PROJECT NUMBER Sample HGC	DRILLING DATE 13/08/2009 1:04:00 PM -	COORDINATES 4520, 6356
PROJECT NAME Sample Hydrogeo & Contam	DRILLING COMPANY PGCi Drilling	COORD SYS
CLIENT Redev Pty Ltd	DRILLER John McMullan	SURFACE ELEVATION
ADDRESS 1 Hibiscus Blvd, Alderville	DRILLING METHOD Excavator	LOGGED BY Igor Krinitskiy
	TOTAL DEPTH 4	CHECKED BY

COMMENTS

Depth (m)	PID	Penetration Resistance	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
0.0 - 0.5					PT	PT	TOPSOIL: PT Dark brown, moist. High Organic content, Saturated	
0.5 - 2.5					SC	SC	CLAYEY SAND: SC, pale greenish brown medium bedding thickness, laminated, fine to medium, poorly graded, subangular, flat and elongated clayey silty sand Calcareous little chert, some coal, moist, weak HCL reaction, weak cementation, widely fissured	iron oxide staining, no odour
2.5 - 3.0	4000		TP04_2.5	Y			SANDSTONE: very dark brownish gray thickly crossbedded, bioturbated, flow banded, medium grained clayey quartz sandstone, Dry, very hard, very wide fracture spacing, moderately weathered, 60 deg (Primary) bedding angle	iron oxide staining, slight odour
3.0 - 3.2	4						GRANITE:	
3.2 - 3.5							Termination Depth at:3.2 m	
3.5 - 5.5								

Client: East-West Rail Link
 Job No: FBT500-3
 Address:
 Suburb/Town:
 Drill Model:
 Date:

Borehole no. BH105
 Slope: -90
 Hole Diameter: 150
 Drilling Fluid:

Easting:
 Northing
 RL Surface:
 Datum:
 Bearing:

Project: Geotechnical Investigation

Logged By:
 Checked By:

Method	Core-lift	Water	Depth (m)	Graphic Log	Core Recovery (%)	Rock type; grain, characteristics, colour, structure, minor components	Weathering Alteration	Estimated Strength	Is(50) MPa D-diametral A-axial	RQD %	Defect Spacing (mm)	Field Tests & Measurements
AD			0.5			TOPSOIL- Silty CLAY (CI) medium plasticity, brown root fibres, moist, firm						
			1			Silty CLAY (CI) - medium plasticity, brown, moist, firm to stiff, Alluvial soil						U63
			1.5									SPT 2,3,4 N=7
			2									
			2.5			Sandy GRAVEL (GW) - fine to coarse, grey and pale brown, angular, medium to coarse grained sand trace clay, wet, loose to medium dense, Alluvial soil, Quartz, dolerite, siltstone gravel						SPT 3,5,3 N=8
			3									
			3.5			Gravelly CLAY (CI) - medium plasticity, pale brown mottled pale grey, fine to medium angular gravel with fine to medium grained sand, moist, hard, Alluvial soil						SPT 20,25,25 N=50
			4									
			4.5			Silty SAND (SM) - fine grained, dark brown, moist, dense, Alluvial soil						
			5			Silty CLAY (CI) - medium plasticity, brown, with fine to coarse angular gravel with fine to coarse grained sand, moist, hard, Alluvial soil, Thin sandy layers						too hard to do U63
			5.5		50					0		D
HQ			6		100	Clayey GRAVEL (GW) - fine to coarse, dark grey mottled brown, angular, with fine to coarse grained sand, wet, very dense, Alluvial soil, Sandstone gravel	SW	L		63.6		auger refusal @ 5.5 m
			6.5		100	CONGLOMERATE - coarse grained, dark grey and pale grey, , Rounded to subrounded Quartz and lithic clasts				40		SPT: N=13.0
			7		100					0		JT Dip=45.0°, CN, VRO, ST
			7.5		93					62.6		JT Dip=90.0°, CN, VRO, ST
			8			SILTSTONE - fine grained, grey,						JT Dip=20.0°, CN, VRO, ST
			8.5		100	CORE LOSS - , Grey clay	MW	VL				PT Dip=40.0°, CN, SO, PL
			9			QUARTZITE - fine grained, dark pink, SANDSTONE - fine grained to coarse grained, dark grey, , Thin conglomerate beds	FR	VH	A=4.5 D=3.2	64.4		PT Dip=45.0°, CN, SO, PL
			9.5		100	CONGLOMERATE - coarse grained, dark grey and pale grey, , Rounded to subrounded Quartz and lithic clasts	SW	L				PT Dip=30.0°, CN, SO, PL
			10							66.6		PT Dip=50.0°, CN, SO, PL
			10.5			Borehole terminated at:9.92m.						PT Dip=40.0°, CN, SO, PL