

RECORD OF BOREHOLE No. 23-BH-02 Co-Ord. N 6820542 E 589165

Project Number: [REDACTED] Drilling Location: **10 m SE from BH23-03** Logged by: [REDACTED]
 Client: **Yukon Government** Drilling Method: **150 mm Sonic, SPT, CPT** Compiled by: [REDACTED]
 Project Name: [REDACTED] Drilling Machine: **Truck Mounted Drill** Reviewed by: [REDACTED]
 Location: **Former Wellgreen Mill and Tailings Site, YT** Date Started: **Jan 28, 2023** Date Completed: **Jan 29, 2023** Revision No.: **0**

Lithology Profile	DESCRIPTION	SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING	LAB TESTING	INSTRUMENTATION INSTALLATION	COMMENTS
		Sample Type	Sample Number	Recovery (%)	SPT 'N' Value						
	Local Ground Surface Elevation:										
[Dotted Pattern]	(SW) SAND AND GRAVEL (FILL), fine to coarse-grained, some silt, some clay, light brown to brown, frozen, containing rootlets. Below 0.2 m, orange brown, no rootlets. Below 0.3 m, trace clay, grey brown to grey.	GB	02-01						5 16		
[Diagonal Pattern]	(CL) SILTY CLAY, some sand, fine-grained, brown to dark brown, firm, damp. 0.8	GB	02-02			1			5 12		
[Dotted Pattern]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, grey to grey brown, very dense, damp. 1.1	SS		11	R						
		GB	02-03			2					
[Dotted Pattern]	(SP) SAND, fine to coarse-grained, trace silt, light brown to brown, dense, damp. 2.9 (ML) CLAYEY SILT, some organics, trace sand, fine-grained, black grey brown, firm, moist. 3.0	GB	02-04			3			5		
		SS		33	7						
		GB	02-05						5 38		S: 4%, Si: 72%, Cl: 24%
						4					
[Dotted Pattern]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, grey to grey brown, dense, damp. 4.6	GB	02-06			5			5 9		
[Dotted Pattern]	(SM) SILTY SAND, fine to medium-grained, trace gravel, fine-grained, grey brown, dense, damp. 5.5					6					
		GB	02-07						5 35		
						7					
[Dotted Pattern]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, brown to grey brown, dense, damp. 7.0										
						8			15		

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present and requires interpretative assistance from a qualified Geotechnical Engineer. Also, borehole information should be read in conjunction with the geotechnical report for which it was commissioned and the accompanying 'Notes to Record of Boreholes'.

Scale: 1 : 42

Page: 1 of 3

Continued on Next Page

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Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				FIELD TESTING		LAB TESTING				INSTRUMENTATION INSTALLATION	COMMENTS	
	DESCRIPTION	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	Penetration Testing ○ SPT ● DCPT PP (kg/cm ²) Vane* △ Intact ◇ Intact * Undrained Shear Strength (kPa)	★ Rinse pH Values 2 4 6 8 10 12 Soil Vapour Reading parts per million (ppm) 100 200 300 400 ▲ Lower Explosive Limit (LEL) ○ Passing 75 um (%) Moisture Content (%) Atterberg Limits W _L W _P						
[Dotted Pattern]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, brown to grey brown, dense, damp.	GB	02-08												
		SH	02-13												
[Diagonal Pattern]	(CL) SILTY CLAY, some gravel, some sand, fine to medium-grained, dark grey to grey brown, hard, damp.	GB	02-09		39	9.1		○		△	5	○	20		
[Dotted Pattern]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, some clay, dark brown to grey-brown, dense, damp.	GB	02-10			9.4				△	5	○	7		
[Diagonal Pattern]	(CL) CLAY, some silt, trace gravel, trace sand, fine-grained, brown, stiff, moist.	SS		78	R	11.0									
[Diagonal Pattern]	(CL) CLAY, some silt, trace gravel, trace sand, fine-grained, brown, stiff, moist.	GB	02-11			11.0				△	20	○	27		
[Diagonal Pattern]		SS		78	28	12.3		○							
[Dotted Pattern]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, grey brown, compact, damp.	SS		0	R	14.0									
[Dotted Pattern]		GB	02-12			15.0				△	5	○	6		
[Dotted Pattern]		SS		67	31	15.0		○							
[Dotted Pattern]						16.0									
[Dotted Pattern]						17.0									

Wet Density: 1947 kg/m³
Dry Density: 1433 kg/m³

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[Patterned Box]	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, grey brown, compact, damp.	SS		89	11	18								
		SS		100	35			○						
	End of Hole. Notes: 1. Backfilled with bentonite.				18.9									

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