

RECORD OF BOREHOLE No. 23-BH-03 Co-Ord. N 6820550 E 589151

Project Number: [REDACTED] Drilling Location: **10 m NW from BH23-02** 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 29, 2023** Date Completed: **Jan 29, 2023** Revision No.: **0**

Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				FIELD TESTING		LAB TESTING				INSTRUMENTATION INSTALLATION	COMMENTS				
	DESCRIPTION	DEPTH (m)	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	Penetration Testing	Soil Vapour Reading	Atterberg Limits	Moisture Content (%)			Passing 75 um (%)	Lower Explosive Limit (LEL)		
	Local Ground Surface Elevation: (CL) SILTY CLAY, some sand, fine-grained, trace gravel, fine to coarse-grained, brown to grey brown, frozen, containing rootlets.		GB	03-01														Ground Elevation = 789.62 masl
	(MH) SILT, some clay, trace sand, fine-grained, brown to grey brown, firm, moist. 0.8	1	SH	03-11														S: 9%, Si: 80%, Cl: 11%
	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, grey brown, compact, damp. 3.0	2	GB	03-02														
		3																
	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, grey brown, compact, damp. 3.0	4	GB	03-03														
		5																
	(SM) SILTY SAND, fine to medium-grained, trace gravel, fine-grained, brown to dark brown, compact, damp. 5.2	5	GB	03-04														
	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, dark brown to grey brown, loose, damp. 5.5	6																
		7	SS		78	4												
		7	GB	03-05														
	(GM) SANDY GRAVEL, fine to medium-grained, silty, trace clay, brown to grey brown, dense, damp. 7.0	7	GB	03-06														G: 38%, S: 32%, Si: 24%, Cl: 6%
	(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, dark brown to grey brown, compact, damp. 7.3	8																
		8	SS		43	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.

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Drilling Location: **10 m NW from BH23-02**

Logged by: [REDACTED]

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) 50 100 150 200	Soil Vapour Reading parts per million (ppm) 100 200 300 400	Moisture Content (%) Atterberg Limits W _L W _P	Soil Vapour Reading parts per million (ppm) 100 200 300 400	Moisture Content (%) Atterberg Limits W _L W _P		
<p>(SW) SAND AND GRAVEL, fine to coarse-grained, some silt, trace clay, dark brown to grey brown, compact, damp.</p> <p>Below 9.1 m, fine-grained, trace clay, brown to grey brown, soft, moist.</p> <p>Below 10.7 m, fine to coarse-grained, grey brown, very dense, damp.</p>		GB	03-07			9		△ ²⁵						<p>G: 36%, S: 44%, Si: 14%, Cl: 6%</p>
		SS		0	4	10	○							
		GB	03-08			11		△ ⁷⁰	●					
		SS		43	R	12								
		GB	03-09			13		△ ¹⁰	○					
		SS		43	28	14	○							
		GB	03-10			15		△ ¹⁵	●	●				
		SS		100	39	15	○							
End of Hole. Notes: 1. Backfilled with bentonite.					15.5									<p>Si: 73%, Cl: 27%</p>

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