RECORD OF BOREHOLE No.         23-BH-01         Co-Ord.         N 6820358         E 589267           Project Number:         Drilling Location:         42 m NW from TP23-05         Logged by:													
Client: Yukon Government									Sonic, SPT, CPT			Compiled by:	
Project Name:							Drilling Machine:		Truck Mounted Drill				Reviewed by:
Lo	cation: Former Wellgreen Mill and Tail	ings S	ite, YT	•			_ Date Started:		Jan 25, 2023 Date Completed: Jan 26, 2023				Revision No.: 0
LITHOLOGY PROFILE S			SOIL SAMPLING					FIELD TESTING		LAB TESTING _		7	
Lithology Plot	DESCRIPTION  Local Ground Surface Elevation:	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	O SPT PP (kg/cm²) Δ Intact	<ul> <li>Intact</li> <li>Remould</li> </ul> ear Strength (kPa)	▲ Lower E * Passing O Moisture Atte	H Values 6 8 10 12 pour Reading r million (ppm) 0 300 400 xylosive Limit (LEL) 3 75 um (%) content (%) rbeig Limits 40 60 80	INSTRUMENTATION INSTALLATION	COMMENTS
	ICE.					- - - - -						Gro	ound Elevation = 788.5 masl
	(ML) SILT AND SAND (OXIDIZED 0.8 TAILINGS), fine-grained, trace clay, orange to red, frozen.  (CL) SILTY CLAY, some sand,					- 1 -							
	fine-grained, grey brown to dark grey, soft, moist.	GB	01-01		3	-  -  -  -				∆5	o <sup>64</sup>		
	(ML) SILT, some clay, trace sand, fine- grained, trace organics, grey to dark grey, soft, wet.					- - - 2 -							
		GB	01-13			- - - -				△10	• o <sup>57</sup>		
	Below 3 m, firm.	SS			6	- - 3 - -		D :					
	Below 3.5 m, some organics, dark brown to dark grey brown, moist.	GB	01-14			- - -				<b>^</b> 5	o <sup>73</sup>		
	Below 4.3 m, no organics, grey to dark grey, stiff, damp.					4 - - - -							
		SS			8	  -  -  -  -		ο :		A <sup>25</sup>		S-1	3%, Si: 73%, Cl: 19%
		<del>- GB</del> -	01-02			- 5 - - - - -				Δ····································	60		
	(OL) ORGANICS, trace sand, fine- grained, trace silt, trace clay, black, loose, moist, containing woody debris.	GB	01-03			_ _ 6				∆ <sup>5</sup>			
	(MH) CLAYEY SILT, some sand, trace 6.4 gravel, fine to medium-grained, grey, stiff,	SS GB	01-04		4	-  -  -  -		b		△ <sup>15</sup> 011			
	(SP) SAND AND GRAVEL, fine to 6.7 medium-grained, grey to grey brown, very dense, damp.	GB	01-05			- - - 7				£4 <sup>35</sup>			
	Below 7.3 m, loose.					<del> </del>  -  -  -							
		SS			R	- - - -							

R	RECORD OF BOREHOLE No. <u>23-BH-01</u> Co-Ord. <u>N 6820358 E 589267</u>											
Pro	Project Number: Drilling Location: 42 m NW from TP23-05 Logged by:											
	LITHOLOGY PROFILE	SC	OIL SA	MPLI	NG	(m)		TESTING on Testing	LAB TESTING  ★ Rinse pH Values 2 4 6 8 10 12  Soil Vapour Reading	ATION		
Lithology Plot	DESCRIPTION	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m) ELEVATION (n	PP (kg/cm²) Δ Intact	● DCPT  Vane*  ◇ Intact  ◆ Remould  ar Strength (kPa)  150 200	Deliver Deliver See See See See See See See See See S	INSTRUMENTATION INSTALLATION	COMMENTS	
	(CL) CLAY, some silt, some sand, trace 8.2 gravel, fine-grained, dark grey, firm, damp.	GB	01-06			- - - - -			Δ <sup>5</sup> ο <sup>18</sup>			
	(GP) GRAVEL AND SAND, fine to 8.8 medium-grained, trace silt, trace clay, grey to grey brown, very dense, damp.	GB	01-07		R	- - - 9 - -			63 <sup>25</sup>		G: 46%, S: 45%, Si: 7%, Cl: 2%	
	Below 9.8 m, brown to dark brown.					- - - - 10 -						
	Below 10.8 m, grey. Below 11.0 m, grey brown to brown.	SS		89	R	- - - - - - - - 11						
	(CL) SILTY CLAY, some gravel, some 11.6 sand, fine to medium-grained, dark grey, firm, damp.	GB	01-15			- - - - - -			∆ <sup>15</sup> ∆ <sup>5</sup> 7			
	(SP) SAND AND GRAVEL, fine to medium-grained, trace silt, grey, very dense, damp. Below 12.2 m, brown to dark brown.	GB SS	01-08	11	R	- - - - - - -						
		GB-	01-09			- - - - - 13			\$			
	(SM) SAND AND GRAVEL, silty, some clay, grey to grey brown, dense, damp.  (ML) SILT, some sand, fine-grained, 13.6	GB	01-10			- - -			∆ <sup>5</sup> <sub>6</sub>			
	some clay, trace gravel, fine-grained, grey to dark grey, hard, damp.	SS		100	48	- - 14 -	Ø					
		GB	01-11			- - - -		,	∆ <sup>5</sup> <b>a</b> 14		G: 5%, S: 12%, Si: 73%, Cl: 10%	
	Below 15.2 m, some gravel, some sand, fine to medium-grained, dark grey, dense.	GB	01-12		R	- 15 - - -			△ <sup>15</sup>			
111	End of Hole. 15.5 Notes:  1. Backfilled with bentonite and sand. 2. Completed as Standpipe Piezometer 23-MW-01 with 4" casing around PVC.											