Propos	sed Waste Water Disposal Facility		CLIENT: YTG Community Services						PROJECT NO BOREHOLE NO.				
Lagoo	n Site	DRILL: CME75 Solid Stem Auger						704-ENVH2O03089-01 BH14-01					
Ross F	River, YT	6874486N; 632640E; Zone 8					ELEVATION: 696.5 m						
SAMP	LE TYPE DISTURBED NO RECOVE FILL TYPE BENTONITE PEA GRAVE						HELBY TUBE CORE						
BACK	EL SLOUGH	<u> </u>	GROUT			L CUTTIN							
Depth (m)	SOIL DESCRIPTION		SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND			00	◆ CLAY (%) ◆ 20 40 60 80 ◆ SILT (%) ◆ 20 40 60 80 ▲ SAND (%) ▲ 20 40 60 80		Elevation (m)		
			SAI	Ŋ.	COMMENTS		•	-	■ GRA\	/EL (%) ■	👸		
- 0	○ ORGANICS - grass, rootlets, soil seasonally frozen, darl	c brown	4	<i>'</i> S	FROZEN ,	20 40	0 60 8	0	20 40	60 80	 		
- - -	GRAVEL - sandy, trace silt, compact subrounded particl moist, grey, trace to some cobbles, trace boulders	es, well graded, damp to			UNFROZEN						696.0		
_ 1											1 =		
<u> </u>											695.0_		
_ 2													
- - -											694.0_		
3 3													
- - -											693.0_		
4	SILT - some clay, trace sand, firm, moist to wet, grey.										1 =		
-	0.2. 0.1.0 0.2), 1.2.0 0.2.1.1, 1.1.1, 1.1.0 0.1.0 1.0, 9.0).										692.0		
_ 5				G1							1 =		
<u>-</u>											691.0_		
_ 6 				G2		•							
- - -				G3	FROZEN V _s , 15%						690.0_		
	- ice lens approx. 5 cm thick				V _s , 25%								
<u>-</u> -				G4							689.0_		
8 8	- ice lens approx. 5 cm thick			G5									
<u>-</u>				G6							688.0_=		
 9 	END of BOREHOLE @ 9.0 m			00							1 =		
_											687.0_=		
10 													
<u> </u>											686.0_=		
11											<u>-</u>		
_											685.0_=		
- 12			LO	GGE	D BY:	Liiii	CC	OMPL	ETION	DEPTH: 9r	n		
in F	E TETRA TECH EBA		RE\	VIEV	WED BY:		COMPLETE: 14/10/25						
				DRAWING NO:				Page 1 of 1					

PARTICLE SIZE ANALYSIS REPORT

ASTM D422, C136 & C117

Project: Ross River WWDF Geotech. Assess. Sample No.: G1

Project No.: ENVH2O03089-01 Material Type:

Site: Lagoon Site Sample Loc.: BH14-01

Client: YTG - Community Infrastructure Branch Sample Depth: 4.9 - 5.0

Client Rep.: Sampling Method: Grab

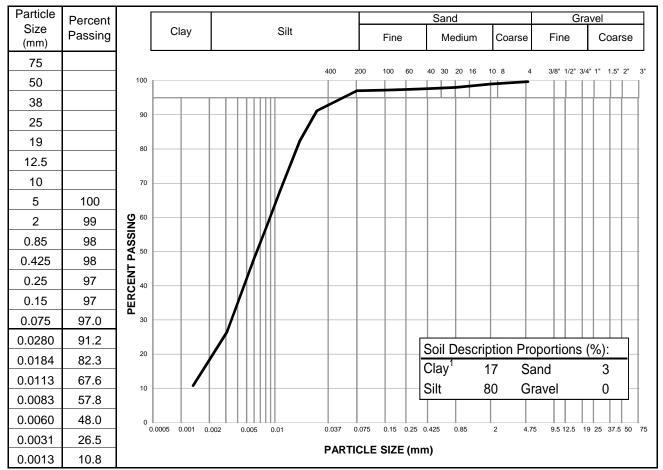
Date Tested: December 4, 2014 By: Date sampled: November 27, 2014

Soil Description²: SILT - some clay, trace sand

Sampled By:

USC Classification: Cu:

Moisture Content: 28.9% Cc: #N/A



Notes: ¹ The upper clay size of 2 um, per the Canadian Foundation Engineering Manual

² The description is visually based & subject to EBA description protocols

Specification:

Remarks:

Reviewed By:

P.Eng.

#N/A

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