

TEST HOLE LOG AND LABORATORY TEST DATA

J. R. Paine & Associates Ltd

PROJECT HAINES JCT. LAGOON SITE # 5

TEST PIT #

DWN. [REDACTED] CKD. [REDACTED] JOB NO. [REDACTED] DATE 8/05/25 HOLE NO. 10 PLATE NO.

MOISTURE CONTENT  
 LIQUID LIMIT (W.L.)  
 PLASTIC LIMIT (W.P.)  
 STANDARD PENETRATION TEST



SOIL PROFILE

SAMPLES

MOISTURE CONTENT (%) & STAND PENETRATION (N)  
 10 20 30 40 50 60 70

DEPTH	CLASSIFICATION	SOIL SYMBOL	OTHER TESTS	UNCONFINED COMPRESSIVE STRENGTH (kPa)	SAMPLE COND.	TYPE	DEPTH SCALE
	DATUM GROUND SURFACE ELEVATION						
	ORGANIC SILTY CLAY OH (LOOSE, RED BROWN)	[Hatched symbol]					
1.0	PERMA FROST SANDY SILTY-CLAY CL WELL BONDED NO VISABLE EXCESS KE (Nbr) SA # 20 DEPTH (0.6 TO 1.2m) (LOW PLASTICITY, Grey)	[Hatched symbol]	E.C.A. A.L.		[X symbol]		
	END OF HOLE @ 1.2M REFUSAL DUE TO PERMAFROST						
2.0							
3.0							
4.0							
5.0							

SOIL TYPES

[Symbol]	TOPSOIL	[Symbol]	SILT
[Symbol]	PEAT	[Symbol]	SAND
[Symbol]	FILL	[Symbol]	TILL
[Symbol]	CLAY	[Symbol]	BEDROCK

CONDITION

[Symbol]	UNDISTURBED
[Symbol]	DISTURBED
[Symbol]	LOST SAMPLE

SAMPLE TYPE

U	76mm SHELBY TUBE
CS	DRIVE SAMPLE
M	MOISTURE CONTENT
RC	ROCK CORE

LABORATORY TEST SYMBOLS

U	UNCONFINED COMP STR (kPa)
W	DRY UNIT WEIGHT (kg/m <sup>3</sup> )
C	CONSOLIDATION TEST
M	GRAIN SIZE ANALYSIS

PENETRATION RESISTANCE

(N) = NUMBER OF BLOWS OF A 140lb HAMMER DRIVEN 30 INCHES (FREE FALL) REQUIRED TO DRIVE A 2" OD RAYMOND TYPE SAMPLER A DISTANCE OF 12" INTO THE SOIL