

TEST HOLE LOG AND LABORATORY TEST DATA

PROJECT: Geotechnical Investigation Ross River, Yukon Territory
Ross River Roads and Sanitary Sewer Development

DWN. WCK CKD. *WCK* JOB NO. 8002-110 DATE 89/10/16 HOLE NO. 42 PLATE NO. 42

MOISTURE CONTENT ●—●
LIQUID LIMIT (W.L.) ■—■
PLASTIC LIMIT (W.P.) ▲—▲
STANDARD PENETRATION TEST X—X

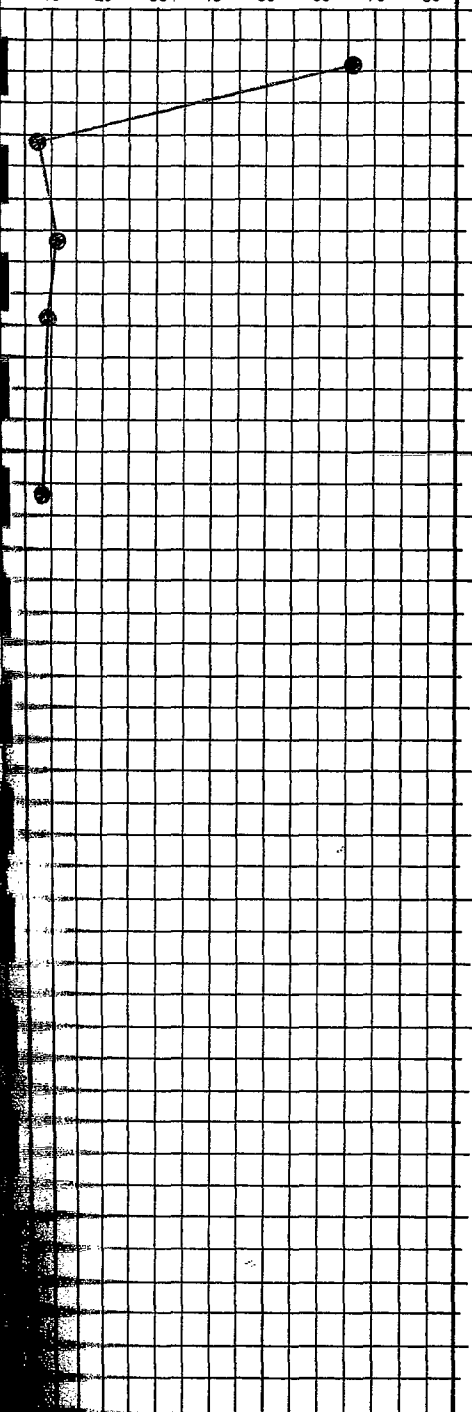
SOIL PROFILE

SAMPLES 254 to 258

MOISTURE CONTENT (%) & STAND. PENETRATION (N)
10 20 30 40 50 60 70 80

DEPTH CLASSIFICATION
ELEV. M. DATUM GROUND SURFACE ELEVATION

SOIL SYMBOL OTHER TESTS Unconfined Compressive Strength kPa SAMPLE COND. TYPE DEPTH SCALE



Peat & Moss 0.15m
S#254, 0.30-0.60m
Silt with organics, odd sand seam, saturated, brown. 0.75m
S#255, 0.90-1.20m (frozen @ 0.90m)
sand, trace of silt, odd silt seam, frozen Vx, brown
S#256, 1.50-2.15m
gravelly sand, trace of silt, frozen Vx, brown.
S#257, 2.15-2.75m
gravelly sand, frozen Vx, brown
S#258, 3.25-4.25m
sandy gravel, frozen Vx, brown.
4.75m

SOIL SYMBOL	OTHER TESTS	Unconfined Compressive Strength kPa	SAMPLE COND.	TYPE	DEPTH SCALE
Peat & Moss					
S#254	M=65.7%		X		1.0
S#255	M=7.2%		X		2.0
S#256	M=11.0% MA		X		3.0
S#257	M=9.8%		X		4.0
S#258	M=8.3%		X		5.0

End of Hole
-Test hole located in Wetlands area.
-Stand Pipe installed to 4.40 meters below existing ground surface.

SOIL TYPES	CONDITION	SAMPLE TYPE	LABORATORY TEST SYMBOLS	PENETRATION RESISTANCE
TOPSOIL PEAT SILT SAND CLAY	UNDISTURBED DISTURBED LOST SAMPLE	U - 76mm SHELBY TUBE D.S. - DRIVE SAMPLE M - MOISTURE CONTENT R.C. - ROCK CORE	Qu - UNCONFINED COMP. STR. kPa d - DRY WEIGHT kg/m ³ C - CONSOLIDATION TEST MA - GRAIN SIZE ANALYSIS	(N) - NUMBER OF BLOWS OF A 140 lb. HAMMER DROPPED 30 ins. (FREE FALL) REQUIRED TO DRIVE A 2" O.D. RAYMOND TYPE SAMPLER A DISTANCE OF 12" INTO THE SOIL.