

TEST HOLE LOG AND LABORATORY TEST DATA

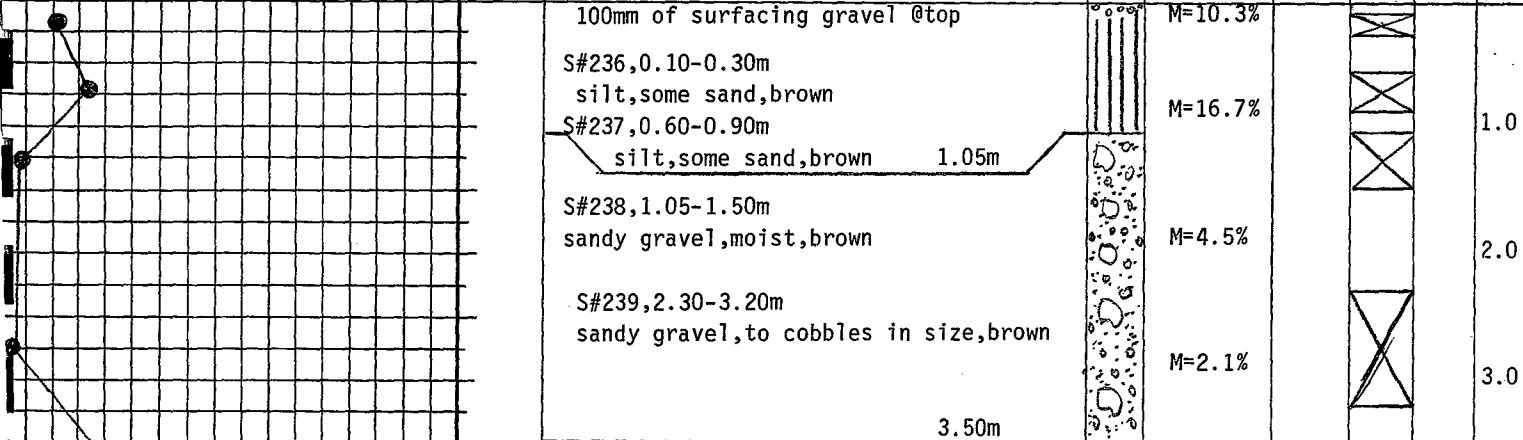
PROJECT Geotechnical Investigation Ross River, Yukon Territory
Ross River Roads and Sanitary Sewer Dev.

DWN. WCK CKD. WCK JOB NO. 8002-110 DATE 89/09/23 HOLE NO. 39 PLATE NO. 39

MOISTURE CONTENT SOIL PROFILE SAMPLES
LIQUID LIMIT (W.L.) 236-242
PLASTIC LIMIT (W.P.)
STANDARD PENETRATION TEST

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

ELEV. M. DATUM GROUND SURFACE ELEVATION
DEPTH CLASSIFICATION SOIL SYMBOL OTHER TESTS Unconfined Compressive Strength kPa SAMPLE COND. TYPE DEPTH SCALE



100mm of surfacing gravel @top
S#236, 0.10-0.30m silt, some sand, brown
S#237, 0.60-0.90m silt, some sand, brown 1.05m
S#238, 1.05-1.50m sandy gravel, moist, brown
S#239, 2.30-3.20m sandy gravel, to cobbles in size, brown 3.50m

S#240, 3.80-4.40m (frozen @ 4.10m) silt, some clay, marginally frozen Vs, ice lenses to 3mm, grey M=29.4%
S#241, 5.35-5.65m clayey silt, frozen Vs, ice lenses to 3mm grey. M=36.7%
S#242, 5.95-6.25m clayey silt, frozen Vs, ice lenses to 20 mm, grey. M=39.1%
6.25m

End of Hole

- Industrial Road east-west leg
- @west property line of easement.
- north lane

SOIL TYPES	CONDITION	SAMPLE TYPE	LABORATORY TEST SYMBOLS	PENETRATION RESISTANCE
TOP SOIL PEAT FILL 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/m³ 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.