

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. 44 PLATE NO. 44

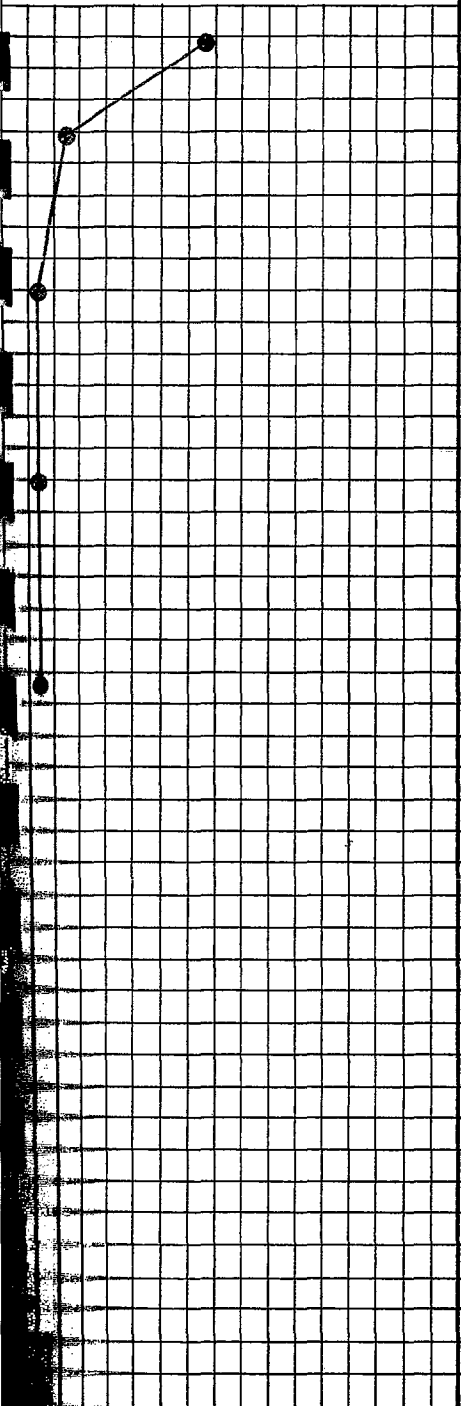
MOISTURE CONTENT ●—●
LIQUID LIMIT (W.L.) ■—■
PLASTIC LIMIT (W.P.) ▲—▲
STANDARD PENETRATION TEST X—X
MOISTURE CONTENT (%) & STAND. PENETRATION (N)
10 20 30 40 50 60 70 80

SOIL PROFILE

SAMPLES

264 to 368

DEPTH	CLASSIFICATION	SOIL SYMBOL	OTHER TESTS	Unconfined Compressive Strength kPa	SAMPLE COND.	TYPE	DEPTH SCALE
	DATUM GROUND SURFACE ELEVATION						
	Organica 0.15m		M=38.2%				
	S#264, 0.15-0.45m/silt, trace of sand, wet, brown. 0.45m		M=12.4%				1.0
	silt and sand in (watertable @ 1.35m) seams, brown. 0.75m						2.0
	S#265, 0.90-1.20m sand, fine to med., brown. 1.50m		M=6.4%				3.0
	S#266, 1.85-2.75m sandy gravelly, saturated, grey.		M=7.0% MA				4.0
	S#267, 3.35-4.25m sandy gravel, clean, saturated, grey.						5.0
	S#268, 4.90-5.80m sandy gravel, clean, saturated, grey. 5.80m		M=6.9%				6.0
End of Hole							
-Test hole located in Wetlands area.							
-Stand Pipe installed to 3.50 meters below existing ground surface.							
-water table reading obtained 89/10/10, 1.35m							



SOIL TYPES	CONDITION	SAMPLE TYPE	LABORATORY TEST SYMBOLS	PENETRATION RESISTANCE
TUBBOIL PHAT PHL PLAY SILT SAND TILL BEDROCK	-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.