

**TEST HOLE LOG AND LABORATORY TEST DATA**

PROJECT Geotechnical Investigation Ross River, Yukon Territory  
R0ss River Roads and SAnitary Sewer Dev.

DWN. WCK CKD. *WCK* JOB NO. 8002-110 DATE 89/09/23 HOLE NO. 41 PLATE NO. 41

MOISTURE CONTENT		SOIL PROFILE		SAMPLES							
LIQUID LIMIT (W.L.)		DEPTH		CLASSIFICATION		SOIL SYMBOL	OTHER TESTS	Unconfined Compressive Strength kPa	SAMPLE COND.	TYPE	DEPTH SCALE
PLASTIC LIMIT (W.P.)		ELEV. M.		DATUM							
STANDARD PENETRATION TEST		10 20 30 40 50 60 70 80		MOISTURE CONTENT (%) & STAND. PENETRATION (N)							
●—●		100mm organics @top		S#249, 0.10-0.60m, sandy silt, brown		0.60m		M=22.3%		X	
■—■		S#250, 0.90-1.20m		(frozen @ sand, trace to some silt, frozen Vx, brown		0.75m		M=17.7%		X	
▲—▲		S#251, 1.50-1.85m		silty sand, fine sand, frozen Vx, brown.				M=24.6%		X	
X—X		S#252, 2.45-3.05m		gravelly sand, trace of silt, frozen Vx, brown.				M=11.8%		X	
		S#253, 3.20-3.65m		sandy gravel, trace of silt, frozen Vx, brown		3.65m		M=8.5%		X	
End of Hole											
<ul style="list-style-type: none"> <li>- wet lands</li> <li>- west end</li> <li>-standpipe installed</li> <li>-no free water noted, 89/08/26, 89/10/10</li> </ul>											

SOIL TYPES	CONDITION	SAMPLE TYPE	LABORATORY TEST SYMBOLS	PENETRATION RESISTANCE
TOB SOIL SAI CL BLAY 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.