

TEST HOLE LOG AND LABORATORY TEST DATA

J. R. Paine & Associates Ltd.

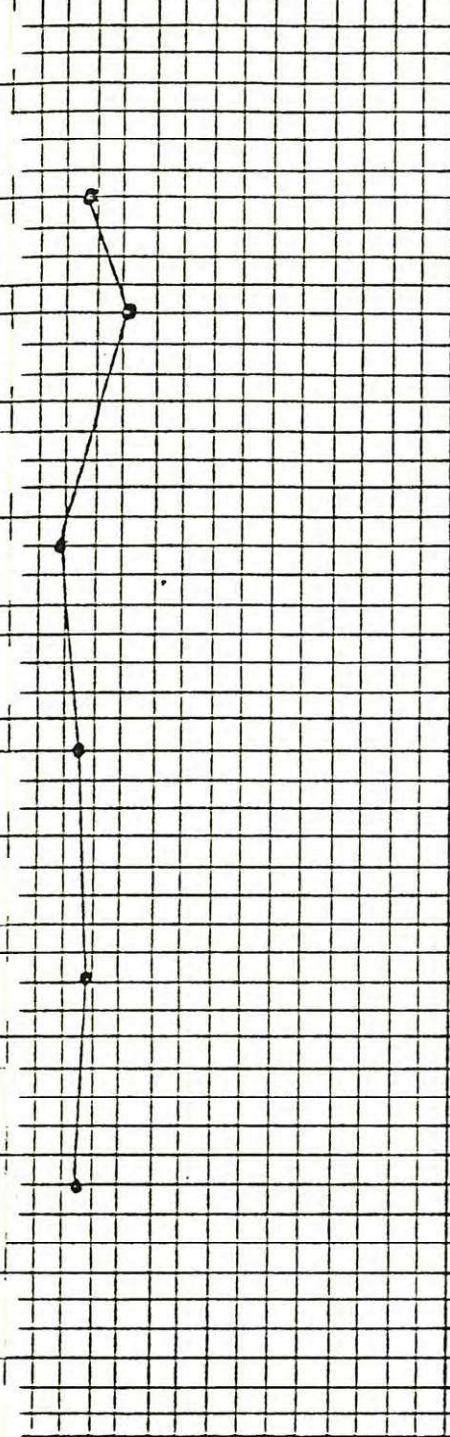
PROJECT PROPOSED HAINES JCT. LAGOON SITE # 5

DWN. [REDACTED] CKD. [REDACTED] JOB NO. [REDACTED] DATE 80/08/02 HOLE NO. # 1 PLATE NO. 3

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

SOIL PROFILE  
CLASSIFICATION  
DEPTH  
ELEV. M.  
DATUM  
GROUND SURFACE ELEVATION

SAMPLES  
SOIL SYMBOL  
OTHER TESTS  
UNCONFINED COMPRESSIVE STRENGTH KPa  
SAMPLE COND  
TYPE  
DEPTH SCALE



SILTY CLAY (GREY)  
ML - CL  
SA #1 DEPTH (1.2m - 1.7m)  
SA #2 DEPTH (2.0m - 2.5m)  
SA #3 DEPTH (3.5m - 4.0m)  
SANDY SILTY CLAY (GREY)  
ML - CL  
SA #4 DEPTH (5.0 - 5.5m)  
PERMEABILITY SAMPLE TAKEN FROM SA #3, 4 + 5 COMBINED.  
SA #5 DEPTH (6.5m - 7.0m)  
SILTY CLAY (GREY)  
ML - CL  
SA #6 DEPTH (8.0 - 8.5m)  
END OF HOLE @ 8.5m

SOIL SYMBOL	OTHER TESTS	UNCONFINED COMPRESSIVE STRENGTH KPa	SAMPLE COND	TYPE	DEPTH SCALE
[Hatched]					1
[Hatched]	F		X		2
[Hatched]	F		X		3
[Hatched]	F		X		4
[Hatched]	F, A		X		5
[Hatched]		2.5 x 10 <sup>-7</sup> cm/sec.			6
[Hatched]	M		X		7
[Hatched]	F, M.A.		X		8
[Hatched]					9

SOIL TYPES	CONDITION	SAMPLE TYPE	LABORATORY TEST SYMBOLS	PENETRATION RESISTANCE
<ul style="list-style-type: none"> <li>TOPSOIL</li> <li>PEAT</li> <li>FILL</li> <li>CLAY</li> <li>SILT</li> <li>SAND</li> <li>TILL</li> <li>BEDROCK</li> </ul>	<ul style="list-style-type: none"> <li>UNDISTURBED</li> <li>DISTURBED</li> <li>LOST SAMPLE</li> </ul>	<ul style="list-style-type: none"> <li>U - 76mm SHELBY TUBE</li> <li>DS - DRIVE SAMPLE</li> <li>M - MOISTURE CONTENT</li> <li>RC - ROCK CORE</li> </ul>	<ul style="list-style-type: none"> <li>QU - UNCONFINED COMP STR KPa</li> <li>W - DRY UNIT WEIGHT kg/m<sup>3</sup></li> <li>C - CONSOLIDATION TEST</li> <li>MA - GRAIN SIZE ANALYSIS</li> </ul>	<p>(N) = NUMBER OF BLOWS OF A 140LB HAMMER DROPPED 30 INS. (FREE FALL) REQUIRED TO DRIVE A 2" ROD PATWOND TYPE SAMPLER A DISTANCE OF 12" INTO THE SOIL.</p>