| | | |
|---|---|---|
| **PROJECT:** Watson Lake Sewage Lagoon | **HOLE NO.:** OL-4 | **PROJECT NO.:** [redacted] |
| **LOCATION:** On cut line, east of outfall line, approximate stationing 1+201.0 m | **SURFACE ELEVATION:** 677.85 m | |
| | **DRILL:** CME 750 - solid flight augers | |

**SAMPLE TYPE:** ■ THIN WALLED TUBE ☒ SPLIT SPOON ▤ DISTURBED ▨ NO RECOVERY ⊞ CORE ☐ OTHER

| DEPTH (m.) | SOIL DESCRIPTION | UNIFIED SOIL CLASS. | SAMPLE | DEPTH (ft.) |
|---|---|---|---|---|
| | PEAT (100 mm) - removed before drilling | | | |
| 1 | SAND - trace of silt, fine to medium grained sand, wet, greyish brown | | | 1 2 3 4 |
| | - frozen ? Nf | | | |
| 2 | SAND (TILL) - gravelly, silty, 75 mm maximum diameter, sub-angular to rounded, olive brown | | | 5 6 7 8 |
| 3 | - NBn | | | 9 10 11 |
| 4 | - unfrozen, moist | | | 12 13 14 |
| 5 | - moist | | | 15 16 17 |
| 6 | END OF HOLE (5.5 m) | | | 18 19 20 |

WATER CONTENT-% : ●
PLASTIC LIMIT ($W_P$) — LIQUID LIMIT ($W_L$)
20 40 60 80

COMPRESSIVE STRENGTH
Unconfined..... ▲
Pocket Penetrometer..... △
TSF 1 2 3 4 5
kPa 100 200 300 400

PERMAFROST

WET UNIT WEIGHT-O $\frac{kN}{m^3}$ 16 18 20 22
P.C.F. 100 110 120 130 140 150

20 40 60 80
STANDARD PENETRATION: N- ■

eba

DEPTH TO WATER: ▼
Dry on Completion of Drilling
DEPTH TO SLOUGH: —

| | |
|---|---|
| COMPLETION DEPTH: 5.5 m | DATE DRILLED: 1982 06 14 |
| LOGGED BY: [redacted] | DRAWING NO.: |

*This log is a compilation of subsurface conditions and soil or rock classification obtained from the field as well as from laboratory testing of samples from the borehole. Soil zones have been interpreted according to commonly accepted practice. The change from one zone to another, as indicated on the log, may be transitional and approximate in nature. Groundwater conditions refer only to those observed at the times and places indicated and they may vary with time, geologic conditions, and construction activity.*