

RECORD OF BOREHOLE No 710-NW18

1 of 1 METRIC

G.W.P. 5556-02-00 **LOCATION** N-W Ramp Sta.19+211.0/s19m Lt. of Lt.EP(Culvert 12) **ORIGINATED BY** SH
DIST 54 **HWY** 69 **BOREHOLE TYPE** Continuous Flight Hollow Stem Augers **COMPILED BY** PC
DATUM Geodetic **DATE** February 19, 2003 **CHECKED BY**

| SOIL PROFILE | | | SAMPLES | | | GROUND WATER CONDITIONS | ELEVATION SCALE | DYNAMIC CONE PENETRATION RESISTANCE PLOT | | | | | PLASTIC LIMIT w _p | NATURAL MOISTURE CONTENT w | LIQUID LIMIT w _L | UNIT WEIGHT γ | REMARKS & GRAIN SIZE DISTRIBUTION (%) |
|---------------|-------------------------------------|------------|---------|-------|------------|----------------------------|-----------------|---|----|----|----|-----|------------------------------------|-------------------------------------|-----------------------------------|---------------------|---|
| ELEV DEPTH | DESCRIPTION | STRAT PLOT | NUMBER | TYPE | "N" VALUES | | | SHEAR STRENGTH kPa | | | | | | | | | |
| 245.3 | Top of Ice | | | | | * | | 20 | 40 | 60 | 80 | 100 | | | | kN/m ³ | GR SA SI CL |
| 0.0 | Snow/Ice | | 1 | SS | 13 | | 245 | | | | | | | ■ | | | |
| 0.3 | Peat, fine to coarse fibrous | | | | | | | | | | | | | | | | |
| 0.5 | Dark brown Clay, trace sand | | | | | | | | | | | | | | | | |
| | Soft Grey Moist | | 2 | SS | 2 | | 244 | | | | | | | ■ | | | |
| | | | | | | | 243 | | | | | | | | | | |
| 242.3 | Sandy silt, trace clay | | | | | | 242 | | | | | | | | | | |
| 3.0 | Grey Moist Boulders | | | | | | | | | | | | | | | | |
| 241.4 | Metasedimentary Bedrock sound | | 3 | RC NQ | REC 92% | | 241 | | | | | | | | | | RQD 88% |
| 3.9 | | | 4 | RC NQ | REC 100% | | 240 | | | | | | | | | | RQD 100% |
| | | | 5 | RC NQ | REC 96% | | 239 | | | | | | | | | | RQD 96% |
| 238.3 | End of borehole | | | | | | | | | | | | | | | | |
| 7.1 | | | | | | | | | | | | | | | | | |
| | * Borehole charged with drill water | | | | | | | | | | | | | | | | |