Site : ON-406 Tully Valley Mudboils Date : July 30, 1992

Location : Northeast side of main mudboil depression area, near abandoned SUN pipeline

Elevation LSD = 570.7 ft

| Well Depth | Blow count | Sample | Remarks | Stratigraphy | Geologic Description |
|---|---|---|---|---|---|
| 0 | | | | | CLAY and GRAVEL LOAM |
| | 5 | | Cuttings | | RED CLAY, firm |
| 5 | | | | | |
| | - | | 14" rcvry | | VARVED REDDISH GRAY CLAY and silt - clay layers 1/2 - 4" thick, silt layers 1/8 - 1/4" thick |
| 10 | | | | | |
| | WOH | | 14" rcvry | | VARVED GRAY CLAY AND SILT/VFS, layers tilted at about 10°, possibily responding to slumpage - ~70% silt/vfs, 30% clay. |
| 15 | | | Augered to 18' Installed BW casing inside augers | | 18-19' VARVED RED CLAY AND GRAY SILT/VFS, tilted ~ 15° |
| | WOH | | 24" rcvry | | 19 - 20' GRAYISH RED CLAY, massive, with ice-rafted silt peds |
| 20 | | | | | |
| 25 | | | | | |
| | WOH | | 24" rcvry | | CLAY, grayish red, massive, soft, some gray ice-rafted silt peds, saturated. |
| 30 | | | | | |
| | WOH | | 24" rcvry | | CLAY, grayish red, massive, soft, some ice-rafted silt peds, saturated. |
| 35 | | | | | |
| | WOH | | 24" rcvry | | CLAY, grayish red, massive, soft, saturated. |
| 40 | | | | | |
| | WOH | | 24" rcvry | | CLAY, grayish red, massive, soft, saturated, homogenous. |
| 45 | | | | | |
| | WOH | | 24" rcvry | | CLAY, grayish red, massive, soft, occasional ice-rafted silt peds and pebbles, saturated. |
| 50 | | | | | |

AUTOMATIC HAMMER - 340 LBS.

Site : ON- 406 Tully Valley Mudboils Date : July 30, 1992

Location : Northeast side of main mudboil depression area, near abandoned Sun pipeline

| Well Depth | Blow Count | Sample | Remarks | Stratigraphy | Geologic Description |
|---|---|---|---|---|---|
| 50 | WOH | | 24" rcvry | | CLAY AND SOME SILT layers, reddish gray, clay layers are massive 0.2 to 1.0 ft thick, silt layers 1/4 to 1.0 inches thick. |
| 55 | 5 | | 24" rcvry<br>Flowing water at 58', 10' vfs heaved-up inside casing | | 56-57' CLAY with occasional thin (1/8" thick) silt/vfs layer.<br>57-58' SILT/VF SAND, grayish red, saturated, liquifiable. |
| 60 | 1 | | 24" rcvry<br>Flowing water and vfs heaving inside casing | | 61.5-63.2 VF SAND AND SILT, liquefiable.<br>63.2-63.5 CLAY layer |
| 65 | | | | | |
| 70 | | | | | |
| 75 | | | | | |
| 80 | | | | | |
| 85 | | | | | |
| 90 | | | | | |
| 95 | | | | | |
| 100 | | | | | |

**WELL INSTALLATION**
BW CASING, 2 3/8" ID
DEPTH = 63', OPEN END

AUTOMATIC HAMMER - 340 LBS.