

| Depth Below S.L. Feet | Meters | Cored Interval | U.S.G.S. Samples | Lithologic Notes | Interpretation |
|--------------------------|--------|-------------------|---------------------|--|--|
| 4.7 | 1.4 | | | Ice | |
| 10' | | | | Water | |
| 20' | | | | | |
| 30' | | | | | |
| 40' | | | | | |
| 50' | 15.2 | 0.2-2.0' | | Sand | Holocene - 100 Wisconsinan Flaxman Fm. Sangamon |
| 50.2 | 15.7 | 2.0-3.5' | | Flaxman lag gravel | |
| 51.5 | | 3.5-5.0' | | Pebbly silt | |
| 54.4 | 16.6 | 6.0-7.5' | | Clayey silt | |
| 60' | | 9.5-11.0' | | (Too consolidated to insert torrone or penetrometer) | Offshore Marine |
| 64.0 | 19.5 | 11.0-12.5' | | | |
| 67.0 | 20.4 | 12.5-14.0' | | | |
| | | 14.0-15.5' | | | |
| | | 15.5-17.0' | | | |
| | | 17.0-18.5' | | | |
| | | 18.5-20.0' | | | |
| | | 20.0-21.5' | | | |
| 80' | | 21.5-23.0' | | | |
| | | 24.0-25.5' | | | |
| | | 25.5-26.5' | | | |
| | | 26.5-28.0' | | | |
| | | 28.0-29.5' | | | |
| 84.0 | 25.6 | 33.5-35.0' | | Steep ice veins @ 4" spacings | |
| 90' | | 38.5-40.0' | | | |
| | | 44.5-46.0' | | | |
| 100' | | 48.5-50.0' | | | |
| 104.0 | 31.7 | 54.0-55.5' | 55.5 Nose | Dark olive gray silt | |
| 110' | 33.5 | 59.0-60.5' | 60.5 Nose | Micaceous slightly sandy silt, with laminae of organic silt | |
| 110.5 | 33.7 | 64.0-65.5' | 65.5 Nose | | |
| 120' | | 69.0-70.5' | 70.5 Nose | | |
| 125.5 | 38.2 | 74.0-75.5' | 75.5 Nose | Clayey silt, cross-bedded @ 129.0 to 130.5' | |
| 130' | | 79.0-80.5' | 80.5 Nose | | |
| | | 84.0-85.5' | 85.5 Nose | Large horizontal ice lens | |
| 140' | | 89.0-90.5' | 90.5 Nose | | |
| 145.0 | 44.2 | 94.0-95.5' | 95.5 Nose | Steep ice veins, 4" spacing | |
| 150' | | 99.0-100.5' | | Sandy silt, laminae of peaty sand, growing increasingly sandy downward | Nearshore Marine |
| | | 103.5-105.0' | | | |
| 160' | | 108.5-110.0' | | | |
| 162.0 | 49.4 | 113.0-113.5' | | Gravel | Beach |
| 166.0 | 50.6 | | | Sand | Middle Pleistocene |
| 170' | | 124.0-125.5' | | | |
| 180' | | 133.0-133.9' | | Pebbly sand | Glacial Outwash |
| 190' | | 143.5-144.5' | | | |
| 200' | | 154.0-155.1' | | Interstitial ice only | |
| 210' | | 164.0-165.5' | | | |
| 214.0 | 65.2 | | | Silty sand | Nearshore Marine |
| 220' | 67.1 | W.S. 170-174' | | | |
| 222.0 | 67.7 | 174.0-174.3' | | Muddy gravel, growing increasingly sandy downward | |
| 230' | 70.1 | 184.0-184.3' | | | Glacial Outwash |
| 240' | | 194.0-194.3' | | | |
| 250' | | 205.0-205.3' | | silty pebbly sand | |
| 260' | | | | Pebbly sand & gravel | |
| 265.0 | 80.3 | 215.0-215.3' | | Ice occurs as grain coating and individual crystals | Alluvium |
| 270' | | | | Fibrous peat layer 1/4" thick @ 265.0' | |
| 280' | | 230.0-231.5' | | | Glacial Outwash |
| 290.5 | 86.3 | | | Not Frozen? | |
| 290' | | | | Drilling rate indicates frozen | |
| 300' | | 250.0-251.5' | | | |
| 310' | | | | Fine sand with partings of granular peat + a few pebbly layers. | Non-glacial Alluvium |
| 320' | | 270.5-270.9' | | | |
| 330' | | | | Fine sand, some silt, fibrous organics, wood chips | |
| 340' | | 284.0-284.7' | | | |
| 350' | | 300.0-301.3' | | | |
| 351.3 | | | | | |