STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-102
SHEET 1 of 2
DATE STARTED: 3/10/10
DATE COMPLETED: 3/18/10

PROJECT NAME: MAIDSTONE
SITE NAME: VT-102
STATION: 506+31.5
OFFSET: 38.00
VTSPG NAD83: N 760104.29 ft E 1886618.59 ft

PROJECT NUMBER: STP 0271(20)
SITE NUMBER:
GROUND ELEVATION: 888.66 ft
GROUNDWATER DEPTH: 32.2 ft 3/22/10
PROJECT PIN NUMBER: 09C304

BORING CREW
CREW CHIEF: PORTER
DRILLER: PORTER
LOGGER: WERNER

BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
BORING TYPE: HOLLOW STEM AUGER
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CEE

| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | WELL DIAGRAM | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) | LL (%) | PI (%) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Top of Well Elevation: 891.16 ft | | | | | | | | |
| | | A-2-4, Sa, brn, Moist, Rec. = 0.2 ft | | WH | 20.5 | 0.5 | 86.9 | 12.6 | | |
| 5 | | A-3, Sa, brn, Moist, Rec. = 1.8 ft | | 5 | 14.1 | 0.3 | 90.6 | 9.1 | | |
| 10 | | A-3, Sa, brn, Moist, Rec. = 2.0 ft | | 13 | 6.8 | 0.0 | 92.6 | 7.4 | | |
| 15 | | A-2-4, Sa, brn, Moist, Rec. = 1.3 ft | | 12 | 5.6 | 0.0 | 88.0 | 12.0 | | |
| | | A-4, SaSi, brn, Moist, Rec. = 1.7 ft | | 9 | 14.9 | 0.0 | 33.9 | 66.1 | | |
| | | A-4, Si, gry, Moist, Rec. = 1.6 ft | | 10 | 15.7 | 0.0 | 17.4 | 82.6 | | |
| 20 | | A-4, Si, gry, MTW, Rec. = 1.7 ft | | 9 | 23.7 | 0.0 | 2.6 | 97.4 | | |
| | | A-4, Si, gry, Wet, Rec. = 1.8 ft | | 8 | 25.3 | 0.8 | 2.5 | 96.7 | | |
| 25 | | A-4, Si, gry, Moist, Rec. = 1.3 ft | | 7 | 22.4 | 0.9 | 4.8 | 94.3 | | |
| | | A-4, Si, gry, Wet, Rec. = 2.0 ft | | 6 | 30.0<br>25.3 | 0.0 | 1.1 | 98.9 | | |
| | | A-4, Si, gry, Wet, Rec. = 2.0 ft | | 7 | 32.0 | 0.0 | 3.2 | 96.8 | | |
| 30 | | A-4, Si, gry, Wet, Rec. = 2.0 ft | | 7 | 29.3 | 0.0 | 1.7 | 98.3 | | |
| | | A-4, SaSi, gry, Wet, Rec. = 2.0 ft | | 10 | 27.3 | 0.0 | 24.0 | 76.0 | | |
| 35 | | A-2-4, Sa, brn, Wet, Rec. = 1.7 ft | | 18 | 27.2 | 0.0 | 86.7 | 13.3 | | |
| | | A-4, SiSa, brn, Wet, Rec. = 1.9 ft | | 18 | 29.3 | 0.0 | 55.1 | 44.9 | | |
| | | A-4, SaSi, brn, Wet, Rec. = 2.0 ft | | 10 | 25.7 | 0.0 | 21.2 | 78.8 | | |

LOG OF BORING MAIDSTONE STP 0271(20).GPJ VT AOT.GDT 4/26/10

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SHEET 2 of 2
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DATE COMPLETED: 3/18/10

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STATION: 506+31.5
OFFSET: 38.00
VTSPG NAD83: N 760104.29 ft E 1886618.59 ft

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BORING TYPE: HOLLOW STEM AUGER
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CEE

| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | WELL DIAGRAM | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) | LL (%) | PI (%) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | A-4, SaSi, gry, Wet, Rec. = 1.3 ft | | 18 | 24.7 | 0.0 | 27.2 | 72.8 | | |
| | | A-4, SaSi, brn, Wet, Rec. = 1.5 ft | | 8 | 25.8 | 0.0 | 39.3 | 60.7 | | |
| 45 | | A-4, Si, brn, Wet, Rec. = 1.6 ft | | 7 | 29.8 | 0.0 | 13.1 | 86.9 | | |
| | | A-4, Si, brn, Wet, Rec. = 2.0 ft | | 5 | 32.3 | 0.0 | 16.0 | 84.0 | | |
| | | A-4, SiSa, brn, Wet, Rec. = 0.6 ft | | 5 | 25.4 | 0.0 | 59.4 | 40.6 | | |
| | | A-4, Si, gry, Wet, Rec. = 1.0 ft | | | 34.2 | 0.0 | 1.2 | 98.8 | | |
| 50 | | A-4, SiSa, brn, Wet, Rec. = 0.3 ft | | 8 | 23.0 | 0.0 | 64.0 | 36.0 | | |
| | | A-4, Si, gry, Wet, Rec. = 1.5 ft | | | 33.1 | 0.0 | 3.1 | 96.9 | | |
| | | A-4, Si, gry, Wet, Rec. = 2.0 ft | | 7 | 32.9 | 0.0 | 2.7 | 97.3 | | |
| 55 | | A-4, Si, gry, Wet, Rec. = 1.4 ft | | 8 | 30.1 | 0.0 | 14.0 | 86.0 | | |
| | | A-4, SaSi, gry, Wet, Rec. = 2.0 ft | | 13 | 24.7 | 0.0 | 28.3 | 71.7 | | |
| | | A-4, ClSi, gry, Wet, Rec. = 1.6 ft | | 5 | 31.9 | 0.0 | 4.1 | 95.9 | 28 | 8 |
| 60 | | A-7-6, SiCl, gry, Wet, Rec. = 2.0 ft | | 3 | 33.9 | 0.0 | 2.1 | 97.9 | 41 | 18 |
| | | A-6, SiCl, gry, Wet, Rec. = 2.0 ft | | 3 | 34.5 | 0.0 | 5.9 | 94.1 | 37 | 23 |
| 65 | | A-4, Si, gry, Wet<br>Rec. = 1.4 ft | | 48 | 27.7 | 2.1 | 6.8 | 91.1 | | |
| | | Field Note:, Could not penetrate further. Possible bedrock at 68.2 ft. | | | | | | | | |
| 70 | | Hole stopped @ 68.2 ft | | | | | | | | |
| 75 | | DRILLER'S NOTES:<br>1. The Monitoring Well was installed 5 feet beside B-102.<br>2. Installed well to 38.6 feet.<br>3. Well casing is 2.5 feet above ground level. | | | | | | | | |

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