



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

BORING NUMBER: B-103  
SHEET 1 of 1  
DATE STARTED: 4/30/08  
DATE COMPLETED: 5/05/08

PROJECT NAME: CAMBRIDGE  
SITE NAME: VT-108  
STATION: 17+57  
OFFSET: 44.00  
VTSPG: N 777991.30 ft E 1554958.00 ft

PROJECT NUMBER: STP 0235(9)  
SITE NUMBER: MM 8.0 SOIL SLOPE  
GROUND ELEVATION: 639.8 ft  
GROUNDWATER DEPTH: 24.8 ft 5/07/08  
PROJECT PIN NUMBER: 07C152

BORING CREW  
CREW CHIEF: GARROW  
DRILLER: GARROW  
LOGGER: MALMATONIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL & TUBE  
CHECKED BY: CAA

| DEPTH (ft)                       | SYMBOL | CLASSIFICATION OF MATERIALS (Description)   | WELL DIAGRAM | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) | LL (%) | PI (%) |  |
|----------------------------------|--------|---|--------------|----------------|----------|------------|----------|-----------|--------|--------|--|
| Top of Well Elevation: 642.85 ft |        |   |              |                |          |            |          |           |        |        |  |
|                                  |        | A-2-4, SiSa with burnt wood particles, gry-brn, Moist, Rec. = 0.5 ft  |              | WH             | 37.6     | 13.7       | 64.5     | 21.8      |        |        |  |
|                                  |        | A-4, SiSa, gry-brn, Moist, Rec. = 1.0 ft  |              |                |          | 31.6       | 10.0     | 49.6      | 40.4   |        |  |
|                                  |        | Field Class., SaSi, gry, Moist, Rec. = 1.6 ft   |              |                |          |            |          |           |        |        |  |
| 5                                |        | A-2-4, GrSiSa, gry, Moist, Rec. = 1.1 ft  |              |                | 7        | 13.4       | 23.4     | 44.9      | 31.7   |        |  |
|                                  |        | A-2-4, GrSiSa, gry, Moist, Rec. = 1.3 ft  |              |                | 11       | 12.2       | 23.9     | 43.2      | 32.9   |        |  |
| 10                               |        | Field Note, NXDC, Cleaned out casing  |              |                |          |            |          |           |        |        |  |
|                                  |        | A-2-4, SiSaGr, gry, Moist, Rec. = 1.2 ft, Cleaned out casing.   |              |                | 16       | 11.0       | 37.9     | 35.6      | 26.5   |        |  |
|                                  |        | A-4, SaSi, gry, Moist, Rec. = 1.6 ft, Cleaned out casing.   |              |                | 20       | 19.0       | 3.1      | 20.8      | 76.1   |        |  |
| 15                               |        | Field Class., Cisi, gry, Moist, Rec. = 1.2 ft   |              |                |          |            |          |           |        |        |  |
|                                  |        | Field Note, Cleaned out casing  |              |                |          |            |          |           |        |        |  |
|                                  |        | Field Class., GrSiCl, gry, Moist, Rec. = 1.25 ft  |              |                |          |            |          |           |        |        |  |
| 20                               |        | Field Note, Cleaned out casing  |              |                |          |            |          |           |        |        |  |
|                                  |        | A-6, SiCl, gry, Moist, Rec. = 1.9 ft, Roller coned ahead.   |              | 16             | 28.0     | 1.5        | 11.7     | 86.8      | 31     | 11     |  |
|                                  |        | A-6, SiCl, gry, Moist, Rec. = 1.7 ft, Roller coned ahead.   |              | 18             | 28.4     | 1.9        | 6.5      | 91.6      | 32     | 12     |  |
| 25                               |        | A-6, SiCl, gry, Moist, Rec. = 1.9 ft, Roller coned ahead.   |              | 32             | 27.8     | 0.0        | 8.8      | 91.2      | 35     | 15     |  |
|                                  |        | A-1-b, GrSa, gry-brn, Moist, Rec. = 1.8 ft, Roller coned ahead.   |              | 81             | 6.8      | 35.5       | 49.4     | 15.1      |        |        |  |
|                                  |        | A-1-b, GrSa, gry-brn, Moist, Rec. = 1.4 ft  |              | R              | 10.4     | 34.7       | 49.0     | 16.3      |        |        |  |
| 30                               |        | 29.4 ft, Possible bedrock.<br>Hole stopped @ 29.4 ft  |              |                |          |            |          |           |        |        |  |
|                                  |        | DRILLER'S NOTES:<br>1. Hole stopped at 29.4 ft in possible bedrock.<br>2. A Monitoring Well was installed to 26.75 ft.<br>3. Top of Monitoring Well casing is 3.05 ft above ground surface. |              |                |          |            |          |           |        |        |  |
| 35                               |        |   |              |                |          |            |          |           |        |        |  |

LOG OF BORING CAMBRIDGE STP 0235(9).GPJ VT AOT.GDT 8/25/08