



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

BORING NUMBER: B-103  
 SHEET 1 of 1  
 DATE STARTED: 1/02/10  
 DATE COMPLETED: 1/22/10

PROJECT NAME: SPRINGFIELD  
 SITE NAME: TH-6  
 STATION: 12+87  
 OFFSET: -18.00  
 VTSPG NAD83: N 303851.06 ft E 1631139.07 ft

PROJECT NUMBER: BRO 1442(26)  
 SITE NUMBER: BR-57  
 GROUND ELEVATION: 554.11 ft  
 GROUNDWATER DEPTH: 12.4 ft 1/22/10  
 PROJECT PIN NUMBER: 95J282

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LARGE SKID RIG w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CAA

| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description)   | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%)  | FINES (%)           |
|------------|--------|---|----------------|----------|------------|-----------|---------------------|
|            |        |   | RUN            | REC (%)  | RQD (%)    | Dip (deg) | Drill Rate (min/ft) |
| 0-5        |        | A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft  | 7              | 14.8     | 32.8       | 54.5      | 12.7                |
| 5-10       |        | A-2-4, SiSa, brn, MTW, Rec. = 0.7 ft  | 10             | 24.9     | 5.4        | 73.0      | 21.6                |
| 9.0        |        | Top of Bedrock @ 9.0 ft   |                |          |            |           |                     |
| 10-11      |        | Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Fair to Good Rock, Very hard, Fresh Weathering, BXDC, 9.0 ft - 10.0 ft, Rec. = 0.7 ft   | 1              | 70       | 0          | 20        | 6                   |
| 11-12      |        |   | 2              | 60       | 0          | 40        | 6                   |
| 12-13      |        |   | 3              | 52       | 18         | 60        | 7                   |
| 13-14      |        |   | 3              | 52       | 18         | 60        | 5                   |
| 14-15      |        | Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Fair to Good Rock, Very hard, Fresh Weathering, BXMDC, 10.0 ft - 13.0 ft, Rec. = 1.8 ft |                |          |            |           | 6                   |
| 15-16      |        |   |                |          |            |           | 6                   |
| 16-17      |        |   |                |          |            |           | 7                   |
| 17-18      |        |   |                |          |            |           | 6                   |
| 18-20      |        | Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 18.0 ft - 23.0 ft, Rec. = 4.3 ft         | 4              | 86       | 40         | 20        | 9                   |
| 20-21      |        |   |                |          |            |           | 5                   |
| 21-22      |        |   |                |          |            |           | 10                  |
| 22-23      |        |   |                |          |            |           | 7                   |
| 23-24      |        |   |                |          |            |           | 10                  |
| 23.0       |        | Hole stopped @ 23.0 ft  |                |          |            |           |                     |

LOG OF BORING SPRINGFIELD BRO 1442(26).GPJ VT\_AOT.GDT 4/5/10