



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

BORING NUMBER: B-108  
 SHEET 1 of 1  
 DATE STARTED: 3/20/09  
 DATE COMPLETED: 3/20/09

PROJECT NAME: SOUTH BURLINGTON-WINOOSKI  
 SITE NAME: I-89  
 STATION:  
 OFFSET:  
 VTSPG: N 719677.84 ft E 1462124.29 ft

PROJECT NUMBER: IM SCRP(3)  
 SITE NUMBER: CULVERT REPLACEMENT  
 GROUND ELEVATION:  
 GROUNDWATER DEPTH: None Taken  
 PROJECT PIN NUMBER: 07A104

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: NSM

| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) |
|------------|--------|---|----------------|----------|------------|----------|-----------|
| 5          |        |   |                |          |            |          |           |
|            |        | A-4, SiSa, brn, Moist, Rec. = 1.4 ft      | 15             | 12.6     | 3.1        | 53.7     | 43.2      |
|            |        | A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft    | 33             | 12.1     | 1.7        | 68.4     | 29.9      |
| 10         |        | A-4, SaSi, brn, Moist, Rec. = 2.0 ft      | 34             | 15.5     | 0.6        | 48.0     | 51.4      |
|            |        | A-2-4, SiSa, gry, Moist, Rec. = 2.0 ft    | 43             | 13.4     | 0.8        | 64.4     | 34.8      |
| 15         |        | A-4, SiSa, gry, Moist, Rec. = 1.6 ft      | 23             | 17.4     | 0.0        | 64.0     | 36.0      |
|            |        | A-4, SiSa, gry, Wet, Rec. = 2.0 ft        | 17             | 19.2     | 0.1        | 61.9     | 38.0      |
|            |        | A-2-4, Sa, gry, Wet, Rec. = 1.9 ft        | 28             | 19.4     | 0.2        | 80.3     | 19.5      |
| 20         |        | A-2-4, SiSa, gry, Wet, Rec. = 1.5 ft      | 16             | 20.5     | 1.8        | 72.4     | 25.8      |
|            |        | A-4, SiSa, gry, Wet, Rec. = 1.4 ft        | 7              | 25.3     | 0.5        | 56.4     | 43.1      |
| 25         |        | Hole stopped @ 24.0 ft                    |                |          |            |          |           |
| 30         |        |   |                |          |            |          |           |
| 35         |        |   |                |          |            |          |           |
| 40         |        |   |                |          |            |          |           |
| 45         |        |   |                |          |            |          |           |

LOG OF BORING SOUTH BURLINGTON-WINOOSKI IM SCRP(3).CPJ VT.AOT.GDT 4/2/09