



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

BORING NUMBER: B-322  
 SHEET 1 of 1  
 DATE STARTED: 7/02/09  
 DATE COMPLETED: 7/02/09

PROJECT NAME: BARRE CITY  
 SITE NAME: US-302  
 STATION: 423+05.00  
 OFFSET: -37.00  
 VTSPG NAD83: N 619357.72 ft E 1640396.98 ft

PROJECT NUMBER: FECC F 026-1(34)  
 SITE NUMBER:  
 GROUND ELEVATION: 613.57 ft  
 GROUNDWATER DEPTH: 11.9 ft 7/02/09  
 PROJECT PIN NUMBER: 85B010

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CAA

| DEPTH (ft)             | SYMBOL | CLASSIFICATION OF MATERIALS (Description)  | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) |
|------------------------|--------|--|----------------|----------|------------|----------|-----------|
| 5                      |        | A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft   | 4              | 21.4     | 30.5       | 37.0     | 32.5      |
|                        |        | A-4, SaSi, brn, Moist, Rec. = 1.0 ft   | 2              | 24.2     | 14.0       | 35.8     | 50.2      |
|                        |        | A-4, SaSi, brn, Moist, Rec. = 0.4 ft   | 2              | 22.1     | 12.6       | 31.6     | 55.8      |
| 10                     |        | Visual Classification, GrSiSa, brn, MTW, Rec. = 0.1 ft, Insufficient sample for testing. | 6              | 19.4     |            |          |           |
|                        |        | A-1-b, GrSa, brn, Wet, Rec. = 0.8 ft   | 39             | 14.4     | 38.9       | 44.1     | 17.0      |
|                        |        | A-2-4, SiGrSa, brn, Wet, Rec. = 0.7 ft   | 39             | 19.7     | 31.1       | 43.4     | 25.5      |
| 15                     |        | A-1-b, GrSa, brn, Wet, Rec. = 1.5 ft   | 16             | 18.3     | 26.6       | 56.2     | 17.2      |
| 20                     |        | A-4, SaGrSi, brn, MTW, Rec. = 1.3 ft   | 86             | 15.4     | 32.0       | 30.7     | 37.3      |
| Hole stopped @ 21.5 ft |        |  |                |          |            |          |           |
| 25                     |        | DRILLER'S NOTES:<br>1. Drilled to ledge or boulder.                                      |                |          |            |          |           |
| 30                     |        |  |                |          |            |          |           |
| 35                     |        |  |                |          |            |          |           |
| 40                     |        |  |                |          |            |          |           |
| 45                     |        |  |                |          |            |          |           |

LOG OF BORING BARRE CITY FECC F 026-1(34).GPJ VT\_AOT.GDT 8/19/09