



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

BORING NUMBER: B-101 North Side  
 SHEET 1 of 1  
 DATE STARTED: 3/02/94  
 DATE COMPLETED: 3/03/94

PROJECT NAME: HIGHGATE  
 SITE NAME: VT-78  
 STATION: 12+45  
 OFFSET: -27.50  
 VTSPG: N 889465.80 ft E 1511316.10 ft

PROJECT NUMBER: STP 0296(2)  
 SITE NUMBER: MM 5.5  
 GROUND ELEVATION: 276.3 ft  
 GROUNDWATER DEPTH: 15.4 ft 3/04/94  
 PROJECT PIN NUMBER: 07C154

BORING CREW  
 CREW CHIEF: RAYMOND  
 DRILLER: WILLIS  
 LOGGER: POWERS

BORING RIG: UNIMOG  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CCB

| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description)   | WELL DIAGRAM | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) |
|------------|--------|---|--------------|----------------|----------|------------|----------|-----------|
|            |        |   |              |                |          |            |          |           |
|            |        | A-3, Sa, brn, Moist, Rec. = 1.1 ft  |              | 16             | 5.2      |            |          |           |
| 10         |        | A-4, SaSi, brn, MTW, Rec. = 1.3 ft  |              | 23             | 25.4     |            |          |           |
|            |        | A-4, Si, brn, MTW, Rec. = 1.5 ft  |              | 11             | 24.5     |            |          |           |
| 20         |        | A-4, Si, gry-brn, Wet, Rec. = 1.8 ft  |              | 10             | 26.8     |            |          |           |
|            |        | A-4, SaSi, gry, Wet, Rec. = 1.5 ft  |              | 7              | 22.9     |            |          |           |
| 30         |        | A-4, SaSi, gry, Wet, Rec. = 1.7 ft  |              | 10             | 27.4     |            |          |           |
|            |        | A-4, Si, gry, Wet, Rec. = 2.0 ft  |              | 3              | 24.7     |            |          |           |
| 40         |        | A-4, SaSi, gry, Wet, Rec. = 1.5 ft  |              | 8              | 27.6     |            |          |           |
|            |        | A-4, SaSi, gry, Wet, Rec. = 1.5 ft  |              | 14             | 24.9     |            |          |           |
| 50         |        | A-4, SaSi, gry, Wet, Rec. = 2.0 ft  |              | 0              | 26.4     |            |          |           |
|            |        | Hole stopped @ 52.0 ft  |              |                |          |            |          |           |
|            |        | DRILLER'S NOTES:<br>1. No ledge to depth of hole.<br>2. Monitoring well installed to 30.0 ft.<br>3. About 1 ft. of well casing is above ground level.<br>4. Ground water elevation was 13.4 ft. on 12/16/1999 |              |                |          |            |          |           |

LOG OF BORING HIGHGATE STP 0296(2).GPI VT AOT.GDT 4/9/09