



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

BORING NUMBER: B-3
SHEET 1 of 2
DATE STARTED: 11/30/04
DATE COMPLETED: 12/03/04

PROJECT NAME: CANAAN
SITE NAME: BR-16
STATION: 7+83.38
OFFSET: -25.00
VTSPG: N 885113.16 ft E 1893742.45 ft

PROJECT NUMBER: ST 0271(16)
SITE NUMBER: VT-102
GROUND ELEVATION: 1020.72 ft
GROUNDWATER DEPTH: 11.16 ft 12/03/04
PROJECT PIN NUMBER: 04C098

BORING CREW
CREW CHIEF: TALLMAN
DRILLER: TALLMAN
LOGGER: RUSSELL

BORING RIG: LAG TRACK RIG
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 (%) | LL (%) | PI (%) |
|------------|--------|---|----------------|----------|------------|----------|-----------|--------|--------|
| 5 | | BXDC, Cleaned out casing., 4.5 ft - 5.0 ft A-1-a, SaGr, brn, Moist, Rec. = 0.3 ft | 4 | 12.0 | 53.2 | 39.7 | 7.1 | | |
| 10 | | A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft | 15 | 13.8 | 40.7 | 46.7 | 12.6 | | |
| 15 | | A-1-a, SaGr, gry, Moist, Rec. = 0.5 ft 17.0 ft, Little gray silt at bottom of sampler. | 8 | 13.2 | 57.7 | 27.6 | 14.7 | | |
| 20 | | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft | 2 | 26.9 | 0.0 | 3.2 | 96.8 | 24 | 4 |
| 25 | | VS = 717/68 psf, 26.5 ft - 26.9 ft | | | | | | | |
| 30 | | A-4, Si, Dk/gry, Moist, Rec. = 1.5 ft | 2 | 29.2 | 0.0 | 3.3 | 96.7 | | |
| 35 | | VS = 845/166 psf, 36.5 ft - 36.9 ft | | | | | | | |
| 40 | | A-4, Si, Dk/gry, Moist, Rec. = 1.5 ft | 4 | 27.8 | 0.0 | 1.1 | 98.9 | | |
| 45 | | VS = 936/174 psf, 46.5 ft - 46.9 ft | | | | | | | |

LOG OF BORING CANAAN ST0271(16).GPJ VT.AOT.GDT 8/24/06



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| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) | LL (%) | PI (%) |
|------------|--------|--|----------------|----------|------------|----------|-----------|--------|--------|
| 55 | | A-4, Si, Dk/gry, Moist, Rec. = 1.4 ft | 3 | 25.9 | 0.0 | 2.5 | 97.5 | | |
| 60 | | VS = 905/151 psf, 56.5 ft - 56.9 ft | | | | | | | |
| 65 | | A-4, Si, Dk/gry, MTW, Rec. = 1.7 ft | 2 | 29.5 | 0.0 | 0.6 | 99.4 | 24 | 3 |
| 70 | | VS = 1071/211 psf, 66.5 ft - 66.9 ft | | | | | | | |
| 75 | | A-4, Si, Dk/gry, MTW, Rec. = 1.8 ft | 4 | 27.7 | 0.0 | 0.4 | 99.6 | | |
| 80 | | VS = 1011/196 psf, 76.5 ft - 76.9 ft Hole stopped @ 76.9 ft | | | | | | | |
| 80 | | DRILLER'S NOTES: 1. Vane used was 2.5 inches x 5.0 inches. 2. Vane Shear = Initial/Remold. | | | | | | | |

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