



PROJECT NAME: CANAAN  
SITE NAME: BR-16  
STATION: 7+03.35  
OFFSET: 21.00  
VTSPG: N 885055.71 ft E 1893817.29 ft

PROJECT NUMBER: ST 0271(16)  
SITE NUMBER: VT-102  
GROUND ELEVATION: 1017.0 ft  
GROUNDWATER DEPTH: 8.0 ft 11/09/04  
PROJECT PIN NUMBER: 04C098

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

BORING RIG: LARGE SKID 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 (%) |
|------------|--------|---|----------------|----------|------------|----------|-----------|--------|--------|
|            |        | A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft  | 10             | 17.3     | 31.5       | 48.7     | 19.8      |        |        |
|            |        | No Recovery, 2.0 ft - 4.0 ft  | 5              |          |            |          |           |        |        |
|            |        | A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft  | 5              | 12.6     | 45.3       | 43.1     | 11.6      |        |        |
|            |        | A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft  | 10             | 13.9     | 46.6       | 39.6     | 13.8      |        |        |
|            |        | A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft  | 7              | 14.9     | 51.7       | 37.7     | 10.6      |        |        |
|            |        | A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft  | 6              | 12.2     | 60.7       | 29.7     | 9.6       |        |        |
|            |        | A-4, SaSi, Dk/gry, Moist, Rec. = 1.1 ft   | 7              | 21.8     | 0.2        | 37.6     | 62.2      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft   | 4              | 22.0     | 0.0        | 8.9      | 91.1      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft   | 3              | 26.5     | 0.0        | 4.8      | 95.2      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft   | 2              | 27.9     | 0.0        | 6.7      | 93.3      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft   | 2              | 25.4     | 0.0        | 4.9      | 95.1      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.2 ft   | 2              | 24.7     | 0.0        | 3.7      | 96.3      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.0 ft   | 3              | 26.3     | 0.0        | 5.0      | 95.0      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.1 ft   | 2              | 23.5     | 0.0        | 7.0      | 93.0      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.2 ft   | 2              | 26.5     | 0.0        | 3.9      | 96.1      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.0 ft   | WH             | 29.5     | 0.0        | 2.1      | 97.9      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.1 ft   | WH             | 27.4     | 0.0        | 1.8      | 98.2      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 0.8 ft   | 2              | 28.4     | 0.0        | 1.8      | 98.2      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 0.9 ft   | WH             | 28.4     | 0.0        | 1.4      | 98.6      |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.4 ft   | WH             | 28.3     | 0.0        | 1.2      | 98.8      | 24     | 3      |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.3 ft   | WH             | 29.2     | 0.0        | 1.4      | 98.6      | 25     | 3      |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.4 ft   | WH             | 28.2     | 0.0        | 1.0      | 99.0      | 25     | 2      |
|            |        | 84.0 ft, No sample, Still in same material, Will continue in 10 ft. intervals until material changes. |                |          |            |          |           |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft   | WH             | 28.4     | 0.0        | 1.9      | 98.1      | 25     | 3      |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 2.0 ft   | WH             | 27.9     | 0.0        | 1.9      | 98.1      | 25     | 4      |
|            |        | No Recovery, 105.0 ft - 107.0 ft  | 9              |          |            |          |           |        |        |

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



PROJECT NAME: CANAAN  
SITE NAME: BR-16  
STATION: 7+03.35  
OFFSET: 21.00  
VTSPG: N 885055.71 ft E 1893817.29 ft

PROJECT NUMBER: ST 0271(16)  
SITE NUMBER: VT-102  
GROUND ELEVATION: 1017.0 ft  
GROUNDWATER DEPTH: 8.0 ft 11/09/04  
PROJECT PIN NUMBER: 04C098

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

BORING RIG: LARGE SKID 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 (%) |
|------------|--------|---|----------------|----------|------------|----------|-----------|--------|--------|
|            |        | A-4, SaSi, Dk/gry, Moist, Rec. = 1.9 ft   | 9              | 19.7     | 0.0        | 28.6     | 71.4      |        |        |
|            |        | 112.0 ft, Drillers noted pocket of sandy material that changed back to silt between 110 ft. and 120 ft. |                |          |            |          |           |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.8 ft, Encountered flowing water.                                       | WH             | 29.5     | 0.0        | 1.0      | 99.0      | 27     | 4      |
|            |        | Visual Class: A-4, Si, Dk/gry, Moist, Rec. = 1.9 ft, 130.0 ft - 132.0 ft                                | WH             | 29.2     |            |          |           |        |        |
|            |        | Visual Class: A-4, Si, Dk/gry, Moist, Rec. = 1.6 ft, 140.0 ft - 142.0 ft                                | WH             | 30.5     |            |          |           |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.5 ft   | WH             | 30.3     | 0.0        | 1.5      | 98.5      | 26     | 3      |
|            |        | Visual Class: A-4, Si, Dk/gry, Moist, Rec. = 1.5 ft, 160.0 ft - 162.0 ft                                | WH             | 31.3     |            |          |           |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.8 ft   | WH             | 31.3     | 0.0        | 0.5      | 99.5      | 30     | 7      |
|            |        | 180.0 ft - 182.0 ft, No Sample, Advanced casing.  |                |          |            |          |           |        |        |
|            |        | 190.0 ft - 192.0 ft, No Sample, Advanced casing.  |                |          |            |          |           |        |        |
|            |        | A-4, Si, Dk/gry, Moist, Rec. = 1.9 ft   | WH             | 30.0     | 0.0        | 1.6      | 98.4      | 27     | 3      |
|            |        | Hole stopped @ 202.0 ft   |                |          |            |          |           |        |        |
|            |        | DRILLER'S NOTES:<br>Encountered flowing water at 120.0 feet.  |                |          |            |          |           |        |        |

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