



STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

CAMBRIDGE-BAKERSFIELD
STP 2926(1)
VT-108

Boring No.: B-101

Page No.: 1 of 1

Pin No.: 10B258

Checked By: MJB

Boring Crew: GARROW, NIETO

Date Started: 8/24/15 Date Finished: 8/24/15

VTSPG NAD83: N 792532.31 ft E 1555720.32 ft

Station: 580+13 Offset: 15.20

Ground Elevation: 516.0 ft

| | | |
|------------------|---------------|-----------------------|
| Type: | Casing | Sampler |
| I.D.: | WB | SS |
| Hammer Wt: | 4 in | 1.5 in |
| Hammer Fall: | N.A. | 140 lb. |
| Hammer/Rod Type: | N.A. | 30 in. |
| Rig: | Auto/AWJ | |
| | CME 45C TRACK | C _r = 1.34 |

Groundwater Observations

| Date | Depth (ft) | Notes |
|----------|------------|-----------------|
| 08/24/15 | 9.8 | After drilling. |
| | | |
| | | |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|------------|------------|---|--------------------|--------------------|----------|--------|---------|
| | x x x | Visual Description:, Crushed Stone Fill, Lt/brn-blk, Moist, Rec. = 0.4 ft, Insufficient sample for testing. | WH-WH-WH-2 (WH) | 4.3 | | | |
| | | A-1-a, SaGr, brn, Moist, Rec. = 0.6 ft | 2-2-2-2 (4) | 12.9 | 51.4 | 37.9 | 10.7 |
| 5 | | Field Note:, No Recovery | 7-4-4-3 (8) | | | | |
| | | A-4, SiSa, brn, Moist, Rec. = 0.6 ft | 3-2-2-1 (4) | 19.3 | 17.9 | 43.7 | 38.4 |
| | | A-4, SaSi, brn, Moist, Rec. = 0.8 ft | 1-2-1-2 (3) | 23.4 | 15.1 | 38.2 | 46.7 |
| 10 | | A-4, SiSa, brn, Moist, Rec. = 0.8 ft | 1-2-1-1 (3) | 22.6 | 5.6 | 58.1 | 36.3 |
| | | A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft | 2-1-1-1 (2) | 26.7 | 15.0 | 64.5 | 20.5 |
| 15 | | A-1-b, Sa, Lt/brn, Moist, Rec. = 1.3 ft | 3-3-5-6 (8) | 16.5 | 14.6 | 75.7 | 9.7 |
| | | A-1-b, Sa, Lt/brn, Moist, Rec. = 1.5 ft | 5-6-5-7 (11) | 15.7 | 10.7 | 77.4 | 11.9 |
| | | A-2-4, Sa, Lt/brn, Moist, Rec. = 1.1 ft | 5-5-6-7 (11) | 12.5 | 8.1 | 78.8 | 13.1 |
| 20 | | A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft | 1-3-5-7 (8) | 15.1 | 32.2 | 60.8 | 7.0 |
| | | A-2-4, Sa, brn, Moist, Rec. = 1.1 ft | 4-4-6-7 (10) | 14.2 | 4.2 | 81.3 | 14.5 |
| 25 | | A-2-4, Sa, brn, Moist, Rec. = 1.0 ft | 5-6-7-6 (13) | 14.9 | 1.8 | 80.3 | 17.9 |
| | | A-2-4, Sa, brn, Moist, Rec. = 1.0 ft | 6-7-9-9 (16) | 15.3 | 15.4 | 72.0 | 12.6 |
| 30 | | Hole stopped @ 28.0 ft | | | | | |
| 35 | | Remarks: Hole collapsed at 15.8 ft. | | | | | |

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 CAMBRIDGE-BAKERSFIELD STP 2926(1).GPJ VERMONT AOT.GDT 10/13/15