



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

BORING LOG

BAKERSFIELD  
 STP SCR(11)  
 VT-108

Boring No.: B-114

Page No.: 1 of 1

Pin No.: 10B248

Checked By: MLM

Boring Crew: DAIGNEAULT, HOOK

Date Started: 4/09/14 Date Finished: 4/09/14

VTSPG NAD83: N 833410.52 ft E 1562405.52 ft

Station: 209+47 Offset: 23.00

Ground Elevation: 736.4 ft

Type: WB SS  
 I.D.: 4 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK C<sub>r</sub> = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
04/09/14	10.6	While drilling.
04/09/14	14.2	Casing removed.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa with grass, roots, & sticks, brn, MTW, Rec. = 0.8 ft	1-WH-WH-1 (WH)	20.1	38.0	48.6	13.4
		A-4, GrSiSa, brn, Moist, Rec. = 0.5 ft	1-WH-1-1 (1)	8.9	25.8	38.3	35.9
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	1-1-2-2 (3)	7.7	42.1	52.2	5.7
		A-1-b, Sa, brn, MTW, Rec. = 1.1 ft	3-3-3-2 (6)	31.3	9.9	84.0	6.1
10		A-3, Sa, brn, Moist, Rec. = 1.2 ft	4-5-5-6 (10)	7.4	3.3	91.5	5.2
		A-3, Sa, brn, Moist, Rec. = 1.4 ft	6-6-7-8 (13)	7.2	14.2	75.7	10.1
15		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	8-7-8-8 (15)	14.2	7.2	67.2	25.6
20		A-2-4, Sa, brn, Moist, Rec. = 0.8 ft	6-5-5-4 (10)	16.2	13.2	76.2	10.6
25		A-3, Sa, brn, Moist, Rec. = 0.2 ft, Lab Note: Broken Rock was within sample.	6-6-6-9 (12)	14.8	12.7	77.2	10.1
Hole stopped @ 27.0 ft							
30		Remarks: 1. Hole collapsed at 20.7 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 BAKERSFIELD STP SCR(11).GPJ VERMONT AOT.GDT 4/28/14