



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

BORING LOG

MORRISTOWN  
 STP SGNL(47)  
 VT-100 MAST ARMS

Boring No.: B-103

Page No.: 1 of 1

Pin No.: 15T047

Checked By: MJB

Boring Crew: JUDKINS, GARROW, NIETO

Date Started: 9/03/15 Date Finished: 9/03/15

VTSPG NAD83: N 750066.88 ft E 1611575.33 ft

Station: 7+485 Offset: 30.00

Ground Elevation: 671.8 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 <sub>r</sub> = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
09/03/15	8.5	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SaGr, gry, Moist, Rec. = 1.3 ft, Lab Note: Grass & Roots were within sample. Broken Rock was also within sample.	2-4-7-5 (11)	6.7	44.3	37.0	18.7
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft	3-6-8-12 (14)	10.9	21.7	44.9	33.4
		A-1-b, GrSa, brn-white, Moist, Rec. = 1.8 ft, NXDC, Cleaned out casing.	14-14-28-24 (42)	7.4	36.6	44.5	18.9
10		A-4, GrSaSi, brn, Moist, Rec. = 1.4 ft, NXDC, Cleaned out casing.	15-15-18-30 (33)	12.2	23.4	33.5	43.1
		A-2-4, SiSa, brn, Moist, Rec. = 0.6 ft	6-18-32-34 (50)	12.0	18.5	58.4	23.1
15		A-2-4, GrSiSa, brn-gry, Moist, Rec. = 1.5 ft	15-18-18-15 (36)	14.6	22.5	50.1	27.4
		Field Note:, NXDC, Cleaned out casing					
		A-1-b, SaGr, brn, Moist, Rec. = 1.1 ft	18-35-R@5.0" (R)	10.8	42.0	40.4	17.6
20		Field Note:, NXDC, Cleaned out casing					
		A-4, GrSaSi, brn-Lt/brn, Moist, Rec. = 0.8 ft, NXDC. Lab Note: A trace of clay was noticeable. Sample tested (NP).	14-12-12-13 (24)	18.9	20.7	31.5	47.8
25		A-2-4, Sa, Lt/brn, Moist, Rec. = 0.3 ft	6-8-11-13 (19)	16.1	5.5	76.8	17.7
Hole stopped @ 27.0 ft							
30		Remarks: Hole collapsed at 10.5 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<sub>r</sub> 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 MORRISTOWN STP\_SGNL(47).GPJ VERMONT AOT.GDT 9/16/15