



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-102**

Page No.: 1 of 1

Pin No.: 15T047

Checked By: MJB

Boring Crew: JUDKINS, GARROW, NIETO
Date Started: 9/01/15 Date Finished: 9/01/15
VTSPG NAD83: N 749989.72 ft E 1611510.79 ft
Station: 7+454 Offset: -25.00
Ground Elevation: 675.5 ft

Type: WB Sampler 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 45C SKID C_r = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/01/15	8.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-1-a, SaGr, gry, Moist, Rec. = 1.0 ft, Lab Note: Lots of Broken Rock was within sample.	5-7-10-10 (17)	4.7	63.1	23.3	13.6		
		A-1-b, GrSa, gry, Moist, Rec. = 1.5 ft, Lab Note: Asphalt Pavement and Broken Rock were within sample.	10-9-13-10 (22)	5.9	40.6	43.1	16.3		
10		A-1-a, SaGr, gry, Moist, Rec. = 1.0 ft, Lab Note: Lots of Broken Rock was within sample.	7-11-25-18 (36)	3.0	66.3	20.4	13.3		
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.7 ft, Cleaned out casing.	15-14-12-14 (26)	10.0	33.0	35.8	31.2		
15		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft, Lab Note: A large chunk of Wood was within sample and was removed before gradation.	9-9-6-12 (15)	24.2	46.6	36.8	16.6		
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.7 ft	12-11-14-20 (25)	12.4	30.0	49.7	20.3		
20		Field Note:, Cleaned out casing.							
		A-2-4, SaSiGr, brn, Moist, Rec. = 1.2 ft	15-13-12-24 (25)	11.2	44.0	25.2	30.8		
25		Field Note:, Cleaned out casing.							
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft	5-4-5-8 (9)	20.1	0.3	49.1	50.6		
30		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft	3-4-5-4 (9)	20.3	10.0	72.2	17.8		
		A-4, Si, gry-brn, Moist, Rec. = 0.7 ft		37.4		1.8	98.2	32	6
Hole stopped @ 27.0 ft									
Remarks: Hole collapsed at 15.5 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 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