



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-101

Page No.: 1 of 1

Pin No.: 15T047

Checked By: MJB

Boring Crew: JUDKINS, GARROW, NIETO

Date Started: 9/02/15 Date Finished: 9/02/15

VTSPG NAD83: N 749947.54 ft E 1611582.47 ft

Station: 7+458 Offset: 58.00

Ground Elevation: 670.0 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 45C TRACK	C _r = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
09/02/15	6.3	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Small pieces of Wood were within sample.	1-1-2-3 (3)	22.8	21.1	54.9	24.0
		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft, Lab Note: Small pieces of Wood were within sample.	3-5-6-6 (11)	11.9	19.1	46.2	34.7
10		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Small pieces of Wood were within sample.	6-6-10-19 (16)	9.6	36.6	44.8	18.6
		A-2-4, SiGrSa, brn-gry, Moist, Rec. = 1.6 ft, NXDC. Lab Note: A very thin layer of clay was noticeable. Sample tested (NP).	15-13-10-11 (23)	11.7	24.6	52.6	22.8
		A-1-b, GrSa, Lt/brn-gry, Moist, Rec. = 0.7 ft	32-16-15-36 (31)	14.6	39.0	42.0	19.0
15		A-1-b, SaGr, brn-gry, Moist, Rec. = 1.2 ft	33-35-R@2.5" (R)	13.6	40.8	40.7	18.5
		Field Note:, NXDC, Cleaned out casing.					
20		A-4, Si, brn, Moist, Rec. = 0.9 ft	11-10-10-11 (20)	24.8	5.5	19.1	75.4
		Field Note:, No Recovery	4-5-6-5 (11)				
25							
		A-4, Si, brn, Moist, Rec. = 1.1 ft, NXDC. Lab Note: A trace of clay was noticeable. Sample tested (NP).	3-2-3-3 (5)	30.8	14.8	8.5	76.7
30		Hole stopped @ 27.0 ft					
		Remarks: Hole collapsed at 13.6 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