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

BORING LOG

SEARSBURG
BF 010-1(50)
VT-9 BR #20

Boring No.: **B-104**
Page No.: 1 of 2
Pin No.: 13b332
Checked By: END

Boring Crew: GARROW, NIETO
Date Started: 9/22/15 Date Finished: 9/22/15
VTSPG NAD83: N 143524.11 ft E 1506715.80 ft
Station: 105+93 Offset: -17.80
Ground Elevation: 2258.7 ft

	Casing	Sampler
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 SKID	C. = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/22/15	26.4	W.T. after drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.65 ft					
30		A-1-b, SaGr, gry, Moist, Rec. = 0.5 ft	15-10-9-21 (19)	13.1	47.5	38.5	14.0
		A-1-a, SaGr, gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	38-R@2.5" (R)	8.7	69.8	22.5	7.7
		Field Note:, Cleaned out casing.					
35		A-2-4, SlSaGr, gry-brn, Moist, Rec. = 0.8 ft, Field Note: Brown appears in thin alternating layers with thick gray layers. Lab Note: Broken Rock was within sample.	48-R@5" (R)	9.9	33.7	33.7	32.6
		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.	29-33-37-R@0" (70)	11.2	33.3	33.6	33.1
		A-1-a, Gr, Lt/brn, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.	R@5" (R)	8.6	68.2	18.7	13.1
		Field Note:, Cleaned out casing.					

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 SEARSBURG BF010-1(50),GPJ VERMONT AOT.GDT 11/19/15

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Station: 105+93 Offset: -17.80
Ground Elevation: 2258.7 ft

	Casing	Sampler
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 SKID	C. = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/22/15	26.4	W.T. after drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, SiSaGr, Lt/brn, Moist, Rec. = 0.9 ft	24-23-14-13 (37)	10.1	50.5	29.4	20.1
		Field Note:, Cleaned out casing.					
		A-2-4, SiSaGr, Lt/brn-brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.	17-17-14-R@2.5" (31)	13.3	34.5	33.6	31.9
45		Field Note:, No Recovery	R@0" (R)				
		Field Note:, Cleaned out casing.					
		Field Note:, No Recovery, Appears to be sand and cobbles.	R@1" (R)				
		Field Note:, Cleaned out casing., Appears to be cobbles and Boulders.					
		Field Note:, No Recovery, Appears to be sand.	R@0" (R)				
		Field Note:, Cleaned out casing., Appears to be cobbles and Boulders.					
50		A-1-b, SaGr, Lt/brn, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.	R@5" (R)	13.4	47.5	34.9	17.6
55		A-3, Sa, Lt/brn, Moist, Rec. = 0.2 ft	R@2.5" (R)	29.8	3.6	90.4	6.0
60		Field Note:, No Recovery, Appears to be sand.	28-R@1" (R)				
		Hole stopped @ 60.6 ft					

Remarks:
Hole Collapsed at 60.6 feet.

1.) Changed to mud drilling from 50 feet.

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