



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

BORING LOG

ST. JOHNSBURY
BF 7000(20)
VT-2B BR-6

Boring No.: **B-202**

Page No.: 1 of 1

Pin No.: 86E048

Checked By: END

Boring Crew: NIETO, DAIGNEAULT, HOOK
Date Started: 9/19/14 Date Finished: 9/19/14
VTSPG NAD83: N 700850.43 ft E 1761849.45 ft
Station: 64+75 Offset: 7.70
Ground Elevation: 692.28 ft

Casing Type: WB
I.D.: 4 in
Sampler SS
1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C TRACK $C_c = 1.34$

Groundwater Observations		
Date	Depth (ft)	Notes
09/19/14	3.3	Casing in ground.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.95		Asphalt Pavement, 0.0 ft - 0.95 ft							
0.95 - 1.4		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft, Cleaned out casing with roller cone.	9-9-15-R @ 2.5" (24)	11.1	19.9	62.5	17.6		
1.4 - 2.1		Field Note: No Recovery. Appears to be Gravelly Sand, Cleaned out casing with roller cone.	21-8-3-4 (11)						
2.1 - 3.2		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft, Cleaned out casing with roller cone.	3-3-4-4 (7)	15.4	3.5	70.8	25.7		
3.2 - 4.2		A-4, SaSi, brn, Moist, Rec. = 1.0 ft, Cleaned out casing with roller cone.	5-3-3-4 (6)	22.5	0.2	43.3	56.5		
4.2 - 5.2		A-4, Si, brn, Moist, Rec. = 1.0 ft	1-2-1-2 (3)	29.4		5.5	94.5	28	2
5.2 - 6.7		A-4, Si, brn, Moist, Rec. = 1.5 ft, Cleaned out casing with roller cone.	2-2-2-1 (4)	29.4	0.2	5.5	94.3		
6.7 - 8.2		A-4, Si, brn, MTW, Rec. = 1.6 ft, Cleaned out casing with roller cone.	1-1-1-1 (2)	31.8		1.4	98.6		
8.2 - 10.1		A-4, Si, brn, MTW, Rec. = 1.5 ft, Cleaned out casing with roller cone.	WH-1-1-WH (2)	31.6	0.1	2.2	97.7		
10.1 - 12.0		A-4, Si, brn, MTW, Rec. = 1.9 ft, Cleaned out casing with roller cone.	WR-1-1-WH (2)	34.0		0.8	99.2	27	3
12.0 - 13.8		A-4, Si, brn, MTW, Rec. = 1.8 ft, Cleaned out casing with roller cone.	WR-WR-3-1 (3)	31.6		1.0	99.0	26	2
13.8 - 14.9		A-4, Si, brn, MTW, Rec. = 1.1 ft, Cleaned out casing with roller cone.	1-2-1-3 (3)	29.5		4.4	95.6		
14.9 - 15.9		A-4, Si, Lt/brn, MTW, Rec. = 1.0 ft, Lab Note: Sample was brownish-orange in color.	3-3-3-3 (6)	29.6		3.2	96.8		
15.9 - 16.7		A-4, Si, brn, MTW, Rec. = 0.8 ft, Cleaned out casing with roller cone.	3-3-2-3 (5)	29.9		1.1	98.9		
16.7 - 30.0		Hole stopped @ 32.0 ft							
30.0 - 32.0		A-4, Si, gry, MTW, Rec. = 1.5 ft	1-2-1-1 (3)	28.7		4.5	95.5	23	2
32.0 - 35.0		Remarks: Hole collapsed at 28.7 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_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 ST JOHNSBURY BF 7000(20),GPJ VERMONT AOT.GDT 12/11/14