



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING LOG

DOVER
BF 013-1 (20)
VT-100 BR-59

Boring No.: B-104
Page No.: 1 of 1
Pin No.: 13B058
Checked By: MLM

Boring Crew: HOOK, JUDKINS, NIETO
Date Started: 8/04/14 Date Finished: 8/04/14
VTSPG NAD83: N 163351.48 ft E 1541789.65 ft
Station: 13+38 Offset: 14.90
Ground Elevation: 1743.3 ft

Casing 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 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
08/04/14	7.5	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.8		Asphalt Pavement, 0.0 ft - 0.8 ft								
0.8 - 1.0		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.0 ft, NXDC, Cleaned out casing.				12-18-17-12 (35)	8.4	36.4	46.1	17.5
1.0 - 1.9		A-1-b, GrSa, Lt/brn, Moist, Rec. = 0.9 ft				8-8-9-8 (17)	13.0	31.2	50.2	18.6
1.9 - 2.8		A-2-4, SiSa, Dk/brn, Moist, Rec. = 0.9 ft, NXDC, Cleaned out casing.				2-6-2-2 (8)	27.2	7.5	69.6	22.9
2.8 - 3.2		A-2-4, GrSa, Dk/brn, Moist, Rec. = 0.4 ft, NXDC, Cleaned out casing. Lab Note: Decayed Wood was within sample.				3-1-R@6.0" (R)	28.1	30.4	51.3	18.3
3.2 - 4.1		Field Note: No Recovery, Appears to be Silty Gravelly Sand. NXDC, Cleaned out casing.				3-1-R@1.0" (R)				
4.1 - 4.5		Field Note: No Recovery, Appears to be Gravelly Silty Sand. NXDC, Cleaned out casing.				15-17-24-27 (41)				
4.5 - 5.4		A-1-b, SaGr, gry, Moist, Rec. = 0.6 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				18-22-17-29 (39)	10.2	58.0	22.7	19.3
5.4 - 6.8		A-1-b, SiGrSa, gry, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.				26-21-41-R@5.0" (62)	13.3	37.1	40.9	22.0
6.8 - 7.2		A-1-b, SiSaGr, gry, Moist, Rec. = 0.4 ft				26-21-41-R@5.0" (R)	12.8	41.9	37.3	20.8
7.2 - 7.6		Field Note: NXDC, Cleaned out casing.				26-21-41-R@5.0" (R)	10.5	32.0	44.9	23.1
7.6 - 8.0		A-1-b, SiGrSa, gry, Moist, Rec. = 0.4 ft								
8.0 - 8.4		Field Note: NXDC, Cleaned out casing.				R@5.0" (R)				
8.4 - 8.8		Field Note: NXDC, Cleaned out casing.								
8.8 - 9.2		A-2-4, GrSiSa, gry, Moist, Rec. = 0.4 ft								
9.2 - 9.6		25.4 ft - 26.9 ft, Light gray, Medium-grained biotite-white albite-quartz Granofels, Hard, Unweathered, Fair rock, NXMDC	1 (20)	88 (70)	3					
9.6 - 10.0		Field Note: 26.9 ft - 27.4 ft, Drilling Break			2					
10.0 - 10.4		27.4 ft - 30.4 ft, Dark gray, Fine grained, biotite-rich albitic quartz Schist, Hard, Unweathered, Fair rock, RMR = 57			2					
10.4 - 10.8		30.4 ft - 35.4 ft, Dark gray, Fine grained, biotite-rich albitic quartz Schist, Hard, Unweathered, Good rock, NXMDC, RMR = 61	2 (20)	100 (76)	2					
10.8 - 11.2					2					
11.2 - 11.6					2					
11.6 - 12.0					2					
12.0 - 12.4					2					
12.4 - 12.8					2					
12.8 - 13.2					2					
13.2 - 13.6					2					
13.6 - 14.0					2					
14.0 - 14.4					2					
14.4 - 14.8					2					
14.8 - 15.2					2					
15.2 - 15.6					2					
15.6 - 16.0					2					
16.0 - 16.4					2					
16.4 - 16.8					2					
16.8 - 17.2					2					
17.2 - 17.6					2					
17.6 - 18.0					2					
18.0 - 18.4					2					
18.4 - 18.8					2					
18.8 - 19.2					2					
19.2 - 19.6					2					
19.6 - 20.0					2					
20.0 - 20.4					2					
20.4 - 20.8					2					
20.8 - 21.2					2					
21.2 - 21.6					2					
21.6 - 22.0					2					
22.0 - 22.4					2					
22.4 - 22.8					2					
22.8 - 23.2					2					
23.2 - 23.6					2					
23.6 - 24.0					2					
24.0 - 24.4					2					
24.4 - 24.8					2					
24.8 - 25.2					2					
25.2 - 25.6					2					
25.6 - 26.0					2					
26.0 - 26.4					2					
26.4 - 26.8					2					
26.8 - 27.2					2					
27.2 - 27.6					2					
27.6 - 28.0					2					
28.0 - 28.4					2					
28.4 - 28.8					2					
28.8 - 29.2					2					
29.2 - 29.6					2					
29.6 - 30.0					2					
30.0 - 30.4					2					
30.4 - 30.8					2					
30.8 - 31.2					2					
31.2 - 31.6					2					
31.6 - 32.0					2					
32.0 - 32.4					2					
32.4 - 32.8					2					
32.8 - 33.2					2					
33.2 - 33.6					2					
33.6 - 34.0					2					
34.0 - 34.4					2					
34.4 - 34.8					2					
34.8 - 35.2					2					
35.2 - 35.6					2					
35.6 - 36.0					2					
36.0 - 36.4					2					
36.4 - 36.8					2					
36.8 - 37.2					2					
37.2 - 37.6					2					
37.6 - 38.0					2					
38.0 - 38.4					2					
38.4 - 38.8					2					
38.8 - 39.2					2					
39.2 - 39.6					2					
39.6 - 40.0					2					
40.0 - 40.4					2					
40.4 - 40.8					2					
40.8 - 41.2					2					
41.2 - 41.6					2					
41.6 - 42.0					2					
42.0 - 42.4					2					
42.4 - 42.8					2					
42.8 - 43.2					2					
43.2 - 43.6					2					
43.6 - 44.0					2					
44.0 - 44.4					2					
44.4 - 44.8					2					
44.8 - 45.2					2					
45.2 - 45.6					2					
45.6 - 46.0					2					
46.0 - 46.4					2					
46.4 - 46.8					2					
46.8 - 47.2					2					
47.2 - 47.6					2					
47.6 - 48.0					2					
48.0 - 48.4					2					
48.4 - 48.8					2					
48.8 - 49.2					2					
49.2 - 49.6					2					
49.6 - 50.0					2					
50.0 - 50.4					2					
50.4 - 50.8					2					
50.8 - 51.2					2					
51.2 - 51.6					2					
51.6 - 52.0					2					
52.0 - 52.4					2					
52.4 - 52.8					2					
52.8 - 53.2					2					
53.2 - 53.6					2					
53.6 - 54.0					2					
54.0 - 54.4					2					
54.4 - 54.8					2					
54.8 - 55.2					2					
55.2 - 55.6					2					
55.6 - 56.0					2					
56.0 - 56.4					2					
56.4 - 56.8					2					
56.8 - 57.2					2					
57.2 - 57.6					2					
57.6 - 58.0					2					
58.0 - 58.4					2					
58.4 - 58.8					2					
58.8 - 59.2					2					
59.2 - 59.6					2					