



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

BORING LOG

PITTSFIELD
BRF 022-1(23)
VT-100 BR-124

Boring No.: B-102 A
Page No.: 1 of 2
Pin No.: 86E060
Checked By: CEE

Boring Crew: GARROW, SALISBURY
Date Started: 8/09/11 Date Finished: 8/18/11
VTSPG NAD83: N 456919.82 ft E 1555733.68 ft
Station: 131+75 Offset: 17.00
Ground Elevation: 890.0 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 55 TRACK CE = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
08/11/11	14.0	AM
08/11/11	15.0	End of Day

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blow/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, GrSa, brn, Moist, Rec. = 0.5 ft	1-1-2-3 (3)	13.3	20.9	64.2	14.9
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft	3-3-4-4 (7)	8.9	54.5	36.7	8.8
5		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft	3-9-5-6 (14)	8.4	56.3	36.2	7.5
		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft	1-5-6-7 (11)	11.6	41.3	39.9	18.8
10		Field Note: No Recovery	3-2-3-3 (5)				
		A-1-a, SaGr, grn-brn, Moist, Rec. = 1.2 ft	17-12-9 (21)	10.3	64.7	27.6	7.7
		A-1-a, SaGr, grn-brn, MTW, Rec. = 1.0 ft	9-7-6-5 (13)	15.4	56.5	35.1	8.4
15		A-1-b, SaGr, grn-brn, MTW, Rec. = 0.3 ft, Stone in end of sampler.	7-5-3-7 (8)	13.5	49.7	41.4	8.9
		A-1-b, SaGr, grn-brn, MTW, Rec. = 1.2 ft	5-16-14 (30)	15.9	53.8	32.3	13.9
		A-1-a, SaGr, brn, MTW, Rec. = 1.0 ft	10-11-8 (19)	10.7	61.0	28.4	10.6
20		A-1-a, SaGr, gry-brn, MTW, Rec. = 0.7 ft	10-9-8-6 (17)	14.4	62.3	27.8	9.9
		A-1-a, SaGr, brn, MTW, Rec. = 1.0 ft	11-7-8-9 (15)	11.8	68.3	21.5	10.2
25		A-1-a, SaGr, brn, MTW, Rec. = 1.0 ft	5-13-11 (24)	11.8	68.6	20.9	10.5
		A-1-b, SaGr, gry, MTW, Rec. = 1.0 ft	9-16-14 (30)	12.6	52.9	31.9	15.2
30		A-1-a, Gr, gry, Moist, Rec. = 0.7 ft	4-6-6-12 (12)	5.4	84.1	12.4	3.5

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.



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Groundwater Observations		
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08/11/11	14.0	AM
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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blow/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: Sleaved casing down to 3.0 inch at 35.0 feet					
		Field Note: BXDC, Cleaned out casing. Appears to be Gravelly Sand					
		A-1-b, SiSaGr, grn-gry, Moist, Rec. = 1.0 ft	12-26-26-24 (52)	10.1	40.9	37.8	21.3
40		Field Note: BXDC, Appears to be Gravelly Sand					
		A-1-a, SaGr, grn-gry, Moist, Rec. = 0.7 ft	10-9-5-4 (14)	8.1	68.9	21.8	9.3
45		Field Note: BXDC, Cobble					
		A-1-a, SaGr, gry, Moist, Rec. = 1.0 ft	6-13-5-6 (18)	10.2	58.8	31.9	9.3
50		Field Note: BXDC, Cobble					
		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft	3-3-3-10 (6)	11.5	52.5	39.6	7.9
55		Field Note: BXDC, Cobble					
		A-1-a, SaGr, brn, Moist, Rec. = 1.2 ft	14-13-13-11 (26)	9.4	56.9	30.3	12.8
60		Field Note: BXDC, Gravel					
		Hole stopped @ 62.0 ft Due to casing breaking off.					
65		Remarks: 1. Drillers stopped drilling this hole because the casing broke off. 2. About five feet of three inch casing remains in the ground. 3. Drillers setup beside this hole and continued drilling. (B-102B)					

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BORING LOG: 2 PITTSFIELD BRF 022-1(23).DPI VERMONT AGI.DOT 9/14/11

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