

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-101			
WOODFORD NH 010-1(47) VT-9 BR-12		Page No.: 1 of 1		Pin No.: 12B402			
Checked By: TDE		Boring Crew: DAIGNEAULT, JUDKINS		Type: Casing Sampler			
Date Started: 10/16/13 Date Finished: 10/17/13		Date: 10/17/13		Depth: 4.4			
VTSPG NAD83: N 139374.95 ft E 1475038.79 ft		Notes: AM, Before drilling.					
Station: 21+55 Offset: 21.40		Hammer Wt: N.A. 140 lb.		Hammer Fall: N.A. 30 in.			
Ground Elevation: 1421.3 ft		Hammer/Rod Type: Auto/AWJ		Rig: CME 45C SKID C _r = 1.33			
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0		A-4, SiSa, brn, Moist, Rec. = 0.8 ft	3-7-11-R (18)	12.3	18.8	42.8	38.4
		Field Note, NXDC, Cleaned out casing					
5		A-2-4, SiSaGr, brn, Moist, Rec. = 0.5 ft, Broken Rock was within sample.	25-37 (R@1.0')	9.0	38.8	33.3	27.9
		Field Note, NXDC, Cleaned out casing					
10		A-4, GrSaSi, brn, Moist, Rec. = 0.6 ft	17-47 (R@2.5')	13.2	21.7	37.3	41.0
		Visual Description, Broken white rock with sand & silt, white, Moist, Rec. = 0.2 ft		7.9			
		A-4, GrSaSi, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	23-28 (R@3.5')	9.4	29.9	31.5	38.6
15		A-4, GrSaSi, brn, MTW, Rec. = 0.7 ft, Broken Rock was within sample.	10-10-43-15 (53)	10.8	27.9	35.1	37.0
		A-4, GrSaSi, brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample.	25-21-27-24 (48)	11.1	27.7	33.9	38.4
		Field Note, No Recovery	27-45-26-R (71)				
20		A-4, SaGrSi, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	11-15-14-R (29)	11.2	33.1	29.3	37.6
		Field Note, No Recovery					
		Field Note, NXDC, Cleaned out casing	(R@0.0')				
25		A-4, GrSaSi, brn, Moist, Rec. = 1.1 ft, Broken Rock was within sample.	11-8-9-17 (15)	11.5	27.5	33.1	39.4
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.9 ft, Broken Rock was within sample.	8-24-37-R (61)	11.0	32.8	34.9	32.3
		Visual Description, Broken Rock with sand & silt, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.	(R@3.5')	9.3			
30		Visual Description, Broken Rock with sand & silt, brn, Moist, Rec. = 0.5 ft, Insufficient sample for testing.	35-46 (R@2.5')	7.5			
		Field Note, No Recovery					
		Field Note, NXDC, Cleaned out casing	(R@3.5')				
35		A-2-4, GrSiSa, brn, Moist, Rec. = 0.6 ft, Broken Rock was within sample.	28 (R@3.5')	10.1	29.2	35.4	35.4
		Field Note, NXDC, Cleaned out casing					
40		A-2-4, GrSiSa, brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample.	34 (R@3.5')	10.0	30.6	36.8	32.6
		Hole stopped @ 40.8 ft					
		Hole collapsed at 4.4 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_r 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.

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: C-1			
WOODFORD NH 010-1(47) VT-9 BR-12		Page No.: 1 of 1		Pin No.: 12B402			
Checked By: TDE		Boring Crew: DAIGNEAULT, JUDKINS		Type: Casing Sampler			
Date Started: 10/16/13 Date Finished: 10/16/13		Date: 10/16/13		Depth: 2.5			
VTSPG NAD83: N 139569.59 ft E 1475181.26 ft		Notes: No water to depth.					
Station: 15+47 Offset: -18.60		Hammer Wt: N.A. 140 lb.		Hammer Fall: N.A. 30 in.			
Ground Elevation: 1409.1 ft		Hammer/Rod Type: Auto/AWJ		Rig: CME 45C SKID C _r = 1.33			
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0		Asphalt Pavement, 0.0 ft - 0.72 ft					
2.5		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft	32-30-43-51	6.4	69.1	21.7	9.2
		A-1-a, Gr, brn, Moist, Rec. = 1.0 ft	49-89-46-67	5.8	73.3	19.0	7.7
5.0		Hole stopped @ 5.0 ft					
7.5		Remarks: 1. Driller's used a 3.0 inch split spoon sampler.					

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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.

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: C-2			
WOODFORD NH 010-1(47) VT-9 BR-12		Page No.: 1 of 1		Pin No.: 12B402			
Checked By: TDE		Boring Crew: DAIGNEAULT, JUDKINS		Type: Casing Sampler			
Date Started: 10/16/13 Date Finished: 10/16/13		Date: 10/16/13		Depth: 2.5			
VTSPG NAD83: N 139566.16 ft E 1475193.33 ft		Notes: No water to depth.					
Station: 15+47 Offset: -6.10		Hammer Wt: N.A. 140 lb.		Hammer Fall: N.A. 30 in.			
Ground Elevation: 1409.6 ft		Hammer/Rod Type: Auto/AWJ		Rig: CME 45C SKID C _r = 1.33			
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0		Asphalt Pavement, 0.0 ft - 0.64 ft					
2.5		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft	32-41-65-32	5.5	61.3	26.5	12.2
		A-1-a, Gr, brn, Moist, Rec. = 1.1 ft	65-51-115-49	5.8	73.6	18.1	8.3
5.0		Hole stopped @ 5.0 ft					
7.5		Remarks: 1. Driller's used a 3.0 inch split spoon sampler.					

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2. N Values have not been corrected for hammer energy. C_r 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.

PROJECT NAME: WOODFORD
PROJECT NUMBER: ER NH 010-1(47)

FILE NAME: z12b402bor.dgn
PROJECT LEADER: E. ATKINS
DESIGNED BY: M. BRADLEY
BORING LOG SHEET 1

PLOT DATE: 12/03/2014
DRAWN BY: M. BRADLEY
CHECKED BY: E. ATKINS
SHEET 10 OF 35