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

BORING LOG

RUTLAND-HARTFORD
NH 020-2(35)
US-4

Boring No.: **B-237**
Page No.: 1 of 1
Pin No.: 12B188
Checked By:

Boring Crew: SALISBURY, JUDKINS, DAIGNEAULT
Date Started: 5/13/13 Date Finished: 5/13/13
VTSPG NAD83: N 397395.54 ft E 1611441.95 ft
Station: MM 0.59 Offset: -9.80
Ground Elevation: 795.69 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_e = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
05/13/13	11.1	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.56 ft					
		Field Note:, Asphalt in sample, blk, Moist	R@5.0" (R)				
		Field Note:, NXDC, Gr Sa					
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft	6-8-R@3.5" (R)	12.5	31.2	40.2	28.6
		Field Note:, NXDC, Cobbles w/Gr					
5		Field Note:, No Recovery	4-3-4-3 (7)				
		A-4, SiSa, brn, MTW, Rec. = 1.4 ft	4-3-4-4 (7)	25.6	0.3	52.4	47.3
		A-1-b, GrSa, brn, Moist, Rec. = 0.9 ft, Broken (Cobbles) Rock was within sample.	11-21-31-R@2.5" (52)	10.4	41.0	43.7	15.3
10		Field Note:, NXDC, Cobbles w/Gr					
		Visual Description:, Broken (Cobbles) Rock with sand, brn, MTW, Rec. = 0.4 ft, Insufficient sample for testing.	20-22-R@3.5" (R)	11.3			
		Field Note:, NXDC, Cobbles w/Gr					
		A-1-a, SaGr, brn, MTW, Rec. = 0.6 ft, Mostly Broken (Cobbles) Rock	49-22-34-32 (56)	9.2	55.0	33.3	11.7
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Broken (Cobbles) Rock was within sample.	33-48-R@3.5" (R)	12.2	45.5	36.5	18.0
15							
		Field Note:, NXDC, Cobbles w/Gr					
20		Visual Description:, Broken (Cobbles) Rock with Sa Gr, brn, Moist, Rec. = 0.2 ft	6-4-13-15 (17)				
		Field Note:, NXDC, Cobbles w/Gr					
25		Visual Description:, Broken (Cobbles) Rock with Si Sa Gr, gry, Moist, Rec. = 0.2 ft	R@2.5" (R)				
		Hole stopped @ 25.2 ft					

Remarks:
Hole collapsed at 14.2 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_e 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.