



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

BORING LOG
HARTFORD-ROYALTON
IMG SIGN(48)
I-89 NB & SB

Boring No.: **B-107**
Page No.: 1 of 1
Pin No.: 13A618
Checked By: **MLM**

Boring Crew: JUDKINS, HOOK, NIETO
Date Started: 5/11/15 Date Finished: 5/11/15
VTSPG NAD83: N 414748.42 ft E 1684196.98 ft
Station: MM 0.329 NB Offset: 10.00
Ground Elevation: 485.89 ft

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 C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
05/11/15	26.1	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, brn-gry, Moist, Rec. = 0.7 ft, NXDC, Cleaned out casing.	5-3-2-8 (5)	8.2	30.6	51.7	17.7
		Visual Description:, SiSaGr, brn, Moist, Rec. = 0.2 ft, Insufficient sample for testing. NXDC, Cleaned out casing.	12-24-12-16 (36)				
		A-2-4, SiSaGr, brn-gry, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.	6-3-4-5 (7)	16.9	40.1	33.6	26.3
		A-4, GrSi, brn, MTW, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	1-1-1-23 (2)	25.1	21.3	7.3	71.4
10		Field Note:, No Recovery, NXDC, Cleaned out casing.	19-8-12-12 (20)				
		Visual Description:, Mostly Broken Rock with sandy silt, gry-brn, Moist, Rec. = 0.4 ft, Lab Note: Insufficient sample for testing.	31-16-16-14 (32)				
		Field Note:, NXDC, Cleaned out casing.					
15		A-4, Si, brn, MTW, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.	6-2-2-2 (4)	26.7	18.6	11.0	70.4
		Field Note:, NXDC, Cleaned out casing.					
20		A-4, SaSiGr, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.	29-19-17-18 (36)	11.0	38.7	23.4	37.9
		Field Note:, NXDC, Cleaned out casing.					
25		Field Note:, No Recovery, NXDC, Cleaned out casing.	R@0.0" (R)				
		Field Note:, NXDC, Cleaned out casing.					
30		A-4, SaSi, gry, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.	7-9-7-8 (16)	21.7	10.5	23.9	65.6
		Field Note:, NXDC, Cleaned out casing.					
35		A-4, SaGrSi, gry, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.	13-11-12-11 (23)	12.3	33.1	29.2	37.7
		Hole stopped @ 37.0 ft					
40		Remarks: 1. Hole collapsed at ground level. 2. Offset measured as the distance from the edge of pavement.					

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 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 HARTFORD-ROYALTON IMG SIGN(48).GPJ VERMONT AOT.GDT 5/26/15