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

BORING LOG

LUDLOW
HES SGNL(44)
VT-100, VT-103 TRAFFIC SIGNAL

Boring No.: **B-102**
Page No.: 1 of 1
Pin No.: 13B020
Checked By: MLM

Boring Crew: DAIGNEAULT, GARROW, NIETO
Date Started: 5/21/15 Date Finished: 5/26/15
VTSPG NAD83: N 335390.71 ft E 1585411.02 ft
Station: 266+60 Offset: 43.80
Ground Elevation: 1034.5 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 TRACK	C_e = 1.34	

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.6 ft					
		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	23-28-15-12 (43)	3.1	54.4	34.6	11.0
		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.	10-13-16-19 (29)	10.6	19.3	63.8	16.9
5		A-1-b, SaGr, brn, Moist, Rec. = 1.3 ft, Cleaned out casing. Lab Note: Broken Rock was within sample.	11-11-22-19 (33)	9.0	42.3	42.2	15.5
		A-1-b, SaGr, brn, MTW, Rec. = 1.2 ft, Cleaned out casing. Lab Note: Broken Rock was within sample.	13-13-19-13 (32)	10.9	50.2	35.5	14.3
10		A-1-b, SaGr, brn, MTW, Rec. = 1.4 ft, Cleaned out casing. Lab Note: Broken Rock & Weathered Rock were within sample.	11-14-23-14 (37)	11.0	43.0	39.2	17.8
		Field Note:, No Recovery	R@3.5" (R)				
		Field Note:, Concrete, Cleaned out casing.					
15		Field Note:, No Recovery	R@0.0" (R)				
		Field Note:, Pulled casing and changed bit at 16.0 ft.					
20		Field Note:, Cobbles, Cleaned out casing.	R@6.0" (R)				
		Visual Description:, Broken Rock, gry, Moist, Rec. = 0.3 ft					
25		A-1-b, SiSaGr, brn, Moist, Rec. = 1.1 ft, Lab Note: Weathered Rock was within sample and broke down during gradation.	9-14-14-17 (28)	12.8	43.8	34.3	21.9
		Hole stopped @ 27.0 ft					
30		Remarks: Hole collapsed at 15.0 ft.					
35							

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.

BORING LOG 2 LUDLOW HES SGNL(44).GPJ VERMONT AOT.GDT 6/15/15