



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-103**
Page No.: 1 of 1
Pin No.: 13B020
Checked By: MLM

Boring Crew: GARROW, NIETO
Date Started: 5/27/15 Date Finished: 5/27/15
VTSPG NAD83: N 335328.46 ft E 1585351.46 ft
Station: 266+52 Offset: -42.20
Ground Elevation: 1033.6 ft

Casing: WB
Sampler: SS
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_r = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
05/27/15	8.1	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, Sa, Lt/brn, Moist, Rec. = 1.3 ft	WH-WH-1-3 (1)	7.8	12.5	71.6	15.9
		A-2-4, Sa, Lt/brn, Moist, Rec. = 1.7 ft	2-5-4-5 (9)	9.4	15.8	68.3	15.9
10		A-1-b, GrSa, brn, Moist, Rec. = 1.6 ft, Lab Note: Burnt Coal (Cinders) were within sample.	5-6-6-9 (12)	16.6	27.6	53.2	19.2
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.3 ft	5-5-5-7 (10)	20.3	28.5	47.4	24.1
		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 1.6 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock & some Weathered Rock were within sample.	6-7-6 (13)	11.2	35.3	35.5	29.2
15		A-1-b, SiSaGr, Lt/brn, Moist, Rec. = 1.3 ft, Lab Note: Weathered Rock & Broken Rock were within sample.	4-7-9-24 (16)	10.6	43.4	32.7	23.9
		Field Note: NXDC, Cleaned out casing Visual Description: Severely Weathered Rock, Lt/brn, Moist, Rec. = 1.4 ft	18-22-26-26 (48)	12.4			
20		Field Note: NXDC, Cleaned out casing					
		Visual Description: Severely Weathered Rock, brn-Lt/brn, Moist, Rec. = 0.7 ft	30-R@2.5" (R)	12.7			
25		Visual Description: Small Broken Rock pieces, Dk/gry, Moist, Rec. = 0.3 ft Hole stopped @ 25.6 ft	5-R@1.0" (R)				
30		Remarks: Hole collapsed at 14.6 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 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