



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

BORING LOG

RUTLAND-KILLINGTON
ER NH 020-2(36)
US-4

Boring No.: B-102
Page No.: 1 of 1
Pin No.: 13B190
Checked By: END

Boring Crew: DIAGNEAULT, HOOK, NIETO
Date Started: 5/08/15 Date Finished: 5/08/15
VTSPG NAD83: N 408829.33 ft E 1571628.85 ft
Station: B 364+69.8 Offset: -41.20
Ground Elevation: 1167.04 ft

Casing: WB Sampler: 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_r = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
05/08/15	8.9	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		A-1-b, SaGr, Lt/brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.	4-13-9-10 (22)	4.7	50.0	35.0	15.0
5.0		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	5-3-10-22 (13)	12.5	38.1	43.1	18.8
5.0		Lab Note, Mostly Broken Rock with sand, Lt/brn, Moist, Rec. = 0.3 ft, NXDC, Cleaned out casing.	18-14-14-19 (28)	3.1	62.3	26.1	11.6
7.5		A-1-b, SaGr, Lt/brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	18-17-14-11 (31)	13.4	53.3	30.3	16.4
10.0		A-1-b, SaGr, Lt/brn, Moist, Rec. = 1.2 ft, NXDC, Cleaned out casing.	16-9-9-12 (18)	12.2	44.6	41.6	13.8
12.5		A-1-a, SaGr, Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.	13-14-18-22 (32)	11.4	57.2	28.1	14.7
12.5		Field Note: NXDC, Cleaned out casing.					
15.0		A-1-a, SaGr, Lt/brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	10-10-12-11 (22)	10.7	60.3	26.6	13.1
15.0	Hole stopped @ 15.0 ft						
17.5	Remarks: Hole collapsed at 8.2 ft.						
20.0							
22.5							

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 RUTLAND-KILLINGTON NH 020-2(36).GPJ VERMONT AOT.GDT 6/26/15