



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

BORING LOG

BRADFORD-RYEGATE
STP 2929(1)
US-5

Boring No.: **B-101**

Page No.: **1 of 1**

Pin No.: **10c264**

Checked By: **MLM**

Boring Crew: **NIETO, GARROW**

Date Started: **11/06/15** Date Finished: **11/06/15**

VTSPG NAD83: **N 604394.50 ft E 1759567.67 ft**

Station: **515+27.6** Offset: **10.80**

Ground Elevation: **457.0 ft**

Type: **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 = **Unknown**

Groundwater Observations

Date	Depth (ft)	Notes
11/06/15	8.3	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0		Asphalt Pavement, 0.0 ft - 1.0 ft								
0.8		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft				3-4-3-3 (7)	13.5	39.0	41.5	19.5
0.9		A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft				2-3-3-4 (6)	15.9	23.2	45.2	31.6
1.3		A-2-4, SiSaGr, brn, Moist, Rec. = 0.4 ft				2-1-1-1 (2)	19.9	40.8	31.2	28.0
1.7		A-4, SaSi, gry, Moist, Rec. = 0.4 ft				1-1-1-5 (2)	21.1	19.5	28.3	52.2
2.9		A-2-4, SiSa, gry, Moist, Rec. = 1.2 ft, Lab Note: Pieces of wood were within sample				5-2-1-1 (3)	34.5	11.5	53.8	34.7
3.6		A-1-b, GrSa, gry, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample				6-2-3-3 (5)	14.4	41.0	50.3	8.7
4.5		A-3, Sa, gry, Moist, Rec. = 0.9 ft				2-1-1-1 (2)	26.3	2.0	89.9	8.1
5.7		A-3, Sa, gry, Moist, Rec. = 1.2 ft				1-1-3-4 (4)	23.2	2.4	91.7	5.9
11.9		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft				5-8-9-8 (17)	22.9	0.1	85.0	14.9
24.0		Field Note: Cleaned out with NXDC								
24.0		24.0 ft - 29.0 ft, Light gray to light green, SCHIST, with few quartz veins. Orange and brown staining on joints. Moderately hard, Slightly weathered, Fair rock, NX, RMR=44	1 (80)	100 (24)	6					
25.0					5					
26.0					3					
27.0					7					
28.0					6					
29.0		Hole stopped @ 29.0 ft								
30.0		Remarks: Hole Collapsed at 11.9 feet.								

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 BRADFORD-RYEGATE STP2929(1).GPJ VERMONT AOT.GDT 11/17/15

