



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

BETHEL-RANDOLPH
STP 2921(1)
VT-12

Boring No.: **B-103**

Page No.: **1 of 1**

Pin No.: **10C244**

Checked By: **MLM**

Boring Crew: DAIGNEAULT, GARROW, HOOK

Date Started: 11/14/13 Date Finished: 11/14/13

VTSPG NAD83: N 495288.19 ft E 1601184.93 ft

Station: 226+89 Offset: 6.20

Ground Elevation: 596.6 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 = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
11/14/13	5.7	After drilling.
11/14/13	11.4	Casing removed.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.38 ft					
		A-1-b, SaGr, brn-gry, Moist, Rec. = 1.3 ft, Asphalt Pavement was within sample.	15-17-21-13 (38)	5.4	50.1	39.1	10.8
5		A-2-4, SiGrSa, brn-gry, Moist, Rec. = 1.5 ft	10-11-12-9 (23)	11.3	30.3	40.0	29.7
		A-2-4, SiGrSa, brn-gry, Moist, Rec. = 0.8 ft	5-3-2-4 (5)	14.6	31.3	39.4	29.3
		A-4, SiSa, brn-gry, Moist, Rec. = 1.0 ft	5-4-5-4 (9)	16.0	12.1	52.1	35.8
10		A-4, GrSaSi, brn-gry, Moist, Rec. = 1.0 ft	1-3-3-6 (6)	26.1	23.4	31.4	45.2
		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.4 ft, Broken Rock was within sample.	4-4-7-6 (11)	14.0	50.5	34.4	15.1
		Field Note: No Recovery. Appears to be sandy silt					
15		A-2-4, SiSa, brn, MTW, Rec. = 0.3 ft	4-4-4-4 (8)	21.0	10.5	59.5	30.0
		A-4, Si, gry, MTW, Rec. = 0.7 ft		28.4	2.4	16.6	81.0
20		A-4, SaSi, brn, MTW, Rec. = 1.2 ft	4-3-2-3 (5)	29.8	0.9	49.4	49.7
25		A-4, SaSi, brn-gry, MTW, Rec. = 1.0 ft	2-2-3-4 (5)	29.7	1.2	45.9	52.9
		Hole stopped @ 27.0 ft					
30		Remarks: 1. Hole collapsed at 20.3 ft.					

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 BETHEL-RANDOLPH STP 2921(1).GPJ VERMONT AOT.GDT 12/12/13