



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

BORING LOG

BETHEL-RANDOLPH
 STP 2921(1)
 VT-12

Boring No.: B-101
 Page No.: 1 of 1
 Pin No.: 10C244
 Checked By: MLM

Boring Crew: WHITLOCK, GARROW, HOOK
 Date Started: 11/12/13 Date Finished: 11/12/13
 VTSPG NAD83: N 487585.99 ft E 1601547.28 ft
 Station: 143+39 Offset: 9.50
 Ground Elevation: 573.7 ft

Type: WB SS
 I.D.: 4.25 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
11/12/13	11.1	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.81		Asphalt Pavement, 0.0 ft - 0.81 ft					
0.81 - 1.0		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft	12-17-14-11 (31)	7.8	47.1	39.6	13.3
1.0 - 3.0		Lab Note, Lots of broken Concrete with sand & gravel, brn-gry, Moist, Rec. = 1.1 ft, Lost water return at 3.0 ft.	10-17-18-13 (35)	14.0	41.7	41.3	17.0
3.0 - 3.8		A-1-a, SaGr with some broken Concrete, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	5-6-25-10 (31)	13.2	59.4	28.4	12.2
3.8 - 4.6		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft, Broken Rock was within sample.	3-5-3-7 (8)	14.4	59.8	27.6	12.6
4.6 - 5.6		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Broken Rock was within sample.	16-19-16-10 (35)	12.2	48.3	33.1	18.6
5.6 - 6.6		A-1-b, GrSa, brn-gry, Moist, Rec. = 1.0 ft	5-5-1-4 (6)	19.3	38.0	47.6	14.4
6.6 - 7.7		A-1-a, SaGr, brn-gry, Moist, Rec. = 1.1 ft, Broken Rock was within sample.	9-11-11-13 (22)	10.4	65.3	23.0	11.7
7.7 - 17.0		Field Note:, Cleaned out casing. Appears to be sandy silt, Water returned at 17.0 ft.	29-31-21-24 (52)				
17.0 - 20.0		A-4, SaSi, brn-gry, Moist, Rec. = 1.2 ft	4-3-2-3 (5)	26.8	11.3	27.2	61.5
20.0 - 27.0		A-4, GrSaSi, brn-gry, Moist, Rec. = 1.0 ft	14-9-5-4 (14)	20.3	28.5	29.8	41.7
27.0		Hole stopped @ 27.0 ft					
30.0		Remarks: 1. Hole collapsed at 8.8 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