



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

BORING LOG

BERLIN
STPG SGNL(40)
VT-62

Boring No.: B-103

Page No.: 1 of 1

Pin No.: 11B358

Checked By: MLM

Boring Crew: GARROW, JUDKINS
Date Started: 10/01/12 Date Finished: 10/01/12
VTSPG NAD83: N 625985.00 ft E 1624537.00 ft
Station: 69+00 Offset: -50.00
Ground Elevation: 979.0 ft

Casing Sampler
Type: H.S.A. SS
I.D.: 3.25 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 CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
10/01/12	21.7	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-2-4, SiSa, brn, Moist, Rec. = 0.6 ft	1-1-5-4 (6)	25.2	14.1	57.8	28.1		
		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft		10.2	53.2	28.0	18.8		
5		A-2-4, GrSiSa, gry-brn, Moist, Rec. = 1.4 ft, Broken Rock was within sample.	1-2-4-11 (6)	22.4	29.7	35.3	35.0		
		A-4, GrSaSi, brn, MTW, Rec. = 1.4 ft	8-12-10-7 (22)	14.8	21.6	31.3	47.1		
		A-4, Si (NP), gry-brn, Moist, Rec. = 1.4 ft, Very little Broken Rock.	4-5-5-6 (10)	20.8	11.1	12.0	76.9	26	4
10		Field Note:, No Recovery	3-5-8-8 (13)						
15		A-4, Si, gry, Moist, Rec. = 1.6 ft, With some Broken Rock.	4-10-13-12 (23)	12.6	17.9	18.3	63.8		
		A-4, Si, gry, Moist, Rec. = 1.4 ft	4-6-11-12 (17)	22.9	1.0	2.5	96.5		
20		A-4, SaSi, gry, MTW, Rec. = 1.5 ft	9-12-12-14 (24)	24.8		23.9	76.1		
25		A-4, Si, gry, MTW, Rec. = 1.9 ft	4-9-14-17 (23)	27.5	0.8	5.6	93.6		
Hole stopped @ 26.0 ft									
30		Remarks: 1. Hole Collapsed around 2.5 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. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 BERLIN STPG SGNL(40).GPJ VERMONT AOT.GDT 1/8/13