



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

BORING LOG

BERLIN  
STPG SGNL(40)  
VT-62

Boring No.: B-102  
Page No.: 1 of 1  
Pin No.: 11B358  
Checked By: MLM

Boring Crew: GARROW, JUDKINS  
Date Started: 10/05/12 Date Finished: 10/05/12  
VTSPG NAD83: N 626347.00 ft E 1624799.00 ft  
Station: 73+53 Offset: 55.00  
Ground Elevation: 962.0 ft

Type: H.S.A. Sampler 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
10/05/12		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0-0.9		A-1-b, SaGr, brn, Moist, Rec. = 0.9 ft	WH-5-7-7 (12)	10.5	48.1	38.9	13.0		
0.9-1.8		A-4, GrSaSi (NP), brn, Moist, Rec. = 0.9 ft	4-2-1-1 (3)	16.0	22.0	28.9	49.1		
1.8-3.6		A-6, SiCl, brn-gry, Moist, Rec. = 1.8 ft, Shelby Tube sample U1		24.6				31	11
3.6-5.6		A-4, Si, gry, Moist, Rec. = 2.0 ft	3-3-4-7 (7)	23.9	3.4	6.3	90.3	31	5
5.6-7.3		A-4, Si, gry-brn, Moist, Rec. = 1.7 ft	4-7-8-10 (15)	19.0	8.7	8.1	83.2	28	3
7.3-8.9		Visual Description:, Si, gry, Moist, Rec. = 1.6 ft, Material similar to 8-10 ft.	6-7-10-9 (17)	18.8					
8.9-10.6		A-4, Si (NP), gry, Moist, Rec. = 1.7 ft	8-11-15-17 (26)	20.9		0.7	99.3		
10.6-12.4		A-4, Si, gry, Moist, Rec. = 1.8 ft	6-11-13-16 (24)	23.0		3.8	96.2	33	5
12.4-14.0		Visual Description:, Si, gry, Moist, Rec. = 1.6 ft, Material similar to 20-22 ft.	6-12-13-14 (25)	26.2					
14.0-27.0		Hole stopped @ 27.0 ft							
27.0-30.0		Remarks: 1. Hole Collapsed around 3.0 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