



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

BORING LOG

BERLIN  
 STPG SGNL(40)  
 VT-62

Boring No.: B-101  
 Page No.: 1 of 1  
 Pin No.: 11B358  
 Checked By: MLM

Boring Crew: GARROW, JUDKINS, WHITLOCK  
 Date Started: 10/02/12 Date Finished: 10/02/12  
 VTSPG NAD83: N 626330.00 ft E 1624668.00 ft  
 Station: 72+70 Offset: -60.00  
 Ground Elevation: 964.0 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
10/02/12	7.0	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Visual Description:, SaGr, brn, Moist, Rec. = 0.4 ft, Insufficient sample for testing.	3-5-6-5 (11)	5.0					
		A-4, GrSi, gry-brn, Moist, Rec. = 1.1 ft, Broken Rock & Asphalt Pavement were within sample.	1-4-13-9 (17)	17.5	38.4	14.0	47.6		
5		A-3, Sa, brn, Wet, Rec. = 0.8 ft, Small amounts of Asphalt Pavement were within sample.	6-3-3-3 (6)	18.7	16.3	73.3	10.4		
		A-4, SiSa, gry, Wet, Rec. = 1.5 ft, Broken Rock was within sample.	1-2-5-5 (7)	19.5	14.5	46.8	38.7	25	4
		A-4, Si, gry, Moist, Rec. = 1.4 ft	2-2-4-5 (6)	21.8	3.7	7.7	88.6	28	3
10		A-4, Si, gry, Moist, Rec. = 1.6 ft	4-7-10-12 (17)	18.9	5.0	7.4	87.6	29	4
		Visual Description:, Si with some Broken Rock, gry, Wet, Rec. = 1.6 ft, Material similar to 10-12 ft.	27-40-18-24 (58)	19.2					
		Field Note:, Possible Boulder							
20		A-4, Si, gry, Moist, Rec. = 1.4 ft	16-24-26-26 (50)	16.0	4.4	8.5	87.1		
25		A-4, Si, gry, MTW, Rec. = 1.3 ft	9-15-20-22 (35)	20.3		0.5	99.5		
		Hole stopped @ 26.0 ft							
30		Remarks: 1. Hole Collapsed around 2.0 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