



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

BORING LOG

FLETCHER  
 STP 027-1(22)  
 VT-108 SLIDE

Boring No.: B-103  
 Page No.: 1 of 1  
 Pin No.: 11B064  
 Checked By: CCB

Boring Crew: WERNER, WELLS, SALISBURY  
 Date Started: 6/27/11 Date Finished: 6/29/11  
 VTSPG NAD83: N 813972.50 ft E 1555197.40 ft  
 Station: MM 2.24 Offset: -4.50  
 Ground Elevation: 464.67 ft

Type: H.S.A. SS & TUBE  
 I.D.: 3 in 2.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 45C SKID CE = 1.15

Groundwater Observations		
Date	Depth (ft)	Notes
06/28/11	15.8	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Field Note:, Asphalt Pavement							
5		Field Note:, Attempted Shelby tube sample. Had refusal.							
		A-6, SiCl, gry-brn, Moist, Rec. = 0.9 ft	2-2-4-3 (6)	25.0	2.4	10.7	86.9	37	17
10		Shelby Tube, gry, Moist, Rec. = 1.3 ft, 9.0 ft - 11.0 ft							
		A-6, SiCl, gry-brn, Wet, Rec. = 2.0 ft	4-3-8-8 (11)	31.0	4.3	17.2	78.5	36	17
		A-6, SiCl, gry, Wet, Rec. = 1.8 ft, Material from Triaxial "A" sample.		32.7	0.1	0.7	99.2	34	14
15		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	WH-WH-WH-1 (WH)	40.5	0.5	1.2	98.3	35	15
		A-6, SiCl, gry, Wet, Rec. = 2.0 ft, Material from Triaxial "B" sample.		32.2	1.6	12.4	86.0	40	17
		A-7-6, Cl, Material from Triaxial "C" sample.		39.9	0.3	0.8	98.9	49	24
		A-7-6, Cl, Material from Triaxial "D" sample.		41.3	0.1	1.2	98.7	49	23
20		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft	WH-WH-WH-WH (WH)	40.5		0.6	99.4	43	21
		A-7-6, Cl, gry, Wet, Rec. = 1.8 ft	WH-WH-3-1 (3)	35.7	0.4	2.4	97.2	43	22
25									
30		A-6, SiCl, gry, Wet, Rec. = 1.7 ft	WH-WH-1-3 (1)	33.7	0.7	2.7	96.6	31	11
		A-4, Si, gry, Wet, Rec. = 2.0 ft	WR-WR-1-3 (1)	33.1		3.0	97.0	26	4
35		Hole stopped @ 35.0 ft NLTD							

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 FLETCHER STP 027-1(22).GPJ VERMONT AOT.GDT 12/20/11