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

BORING LOG

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

Boring No.: B-102
Page No.: 1 of 1
Pin No.: 11B064
Checked By: CCB

Boring Crew: WERNER, WELLS
Date Started: 6/22/11 Date Finished: 6/24/11
VTSPG NAD83: N 813976.20 ft E 1555198.80 ft
Station: MM 2.24 Offset: -3.40
Ground Elevation: 464.67 ft

	Casing	Sampler
Type:	H.S.A.	SS
I.D.:	3.25 in	2 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:		Manual/AWJ
Rig:	CME 45C SKID	CE = 1.15

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-1-b, GrSa, brn, Dry, Rec. = 1.4 ft	15-12-14-13 (26)	4.6	43.3	44.1	12.6		
		A-1-b, SaGr, brn, Dry, Rec. = 1.0 ft, Hit a boulder or cobbles.	27-12-20-R (32)	5.1	42.3	40.0	17.7		
5		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft	5-12-22-21 (34)	6.6	37.0	41.6	21.4		
		A-6, SiCl, gry, Moist, Rec. = 1.2 ft, Rusty mottleing. SHWT.	2-4-3-3 (7)	24.3	1.6	11.3	87.1	34	14
10		A-6, SiCl, gry, Moist, Rec. = 1.4 ft	3-3-4-4 (7)	27.2	0.6	7.3	92.1	40	18
		A-7-6, SiCl, gry, MTW, Rec. = 2.0 ft	3-5-4-6 (9)	32.9	4.7	9.1	86.2	41	18
		A-6, SiCl, gry, Wet, Rec. = 1.9 ft, Possible water table.	3-3-WH-WH (3)	35.3	1.0	6.4	92.6	34	12
15		A-6, SiCl, gry, Wet, Rec. = 1.8 ft	1-WH-WH-1 (WH)	39.8		2.1	97.9	33	11
		A-4, ClSi, gry, Wet, Rec. = 2.0 ft	WH-WH-WH-WH	36.1	0.7	5.1	94.2	31	10
20									
25		A-4, ClSi, gry, Wet, Rec. = 1.6 ft	WH-WH-WH-WH	37.8		3.1	96.9	31	10
		Hole stopped @ 26.0 ft NLTD							
30									
35									

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