



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

BORING LOG

HARDWICK
EAST HARDWICK SLIDE
VT-16 DIST. #9

Boring No.: B-103
Page No.: 1 of 1
Pin No.: 11X511
Checked By: CCB

Boring Crew: PORTER, GARROW, SALISBURY
Date Started: 10/06/11 Date Finished: 10/07/11
VTSPG NAD83: N 737368.88 ft E 1692994.09 ft
Station: _____ Offset: _____
Ground Elevation: _____

Casing Sampler
Type: WB SS
I.D.: 4 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		None Taken.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/c" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 1.3		Asphalt Pavement, 0.0 ft - 1.3 ft							
10.0		Field Note:, Lost water return at 10.0 ft.							
20.0		A-4, Si, brn, MTW, Rec. = 0.9 ft	4-6-2-3 (8)	22.5	2.7	13.0	84.3		
		Field Note:, No Recovery	5-3-2-2 (5)						
		A-4, SaSi, brn, MTW, Rec. = 1.1 ft	6-8-13-22 (21)	19.9	18.0	33.2	48.8		
		A-4, SaSi, brn, MTW, Rec. = 1.3 ft, Lab Note: Lots of Mica was within sample.	16-14-15-14 (29)	24.0	16.8	35.6	47.6		
30.0		Field Note:, No Recovery. Stone in end of sampler.	10-9-7-8 (16)	19.6	22.4	34.5	43.1		
		A-4, GrSaSi, brn, MTW, Rec. = 1.0 ft, Lab Note: Some Mica was within sample.	8-4-4-8 (8)						
		A-4, SaSi, brn, MTW, Rec. = 0.3 ft, Lab Note: Lots of Mica was within sample.	R@6.0"	24.1	11.6	30.9	57.5		
		Field Note:, Water Returned at 38.0 ft.							
40.0		A-2-4, SiSa, gry, Moist, Rec. = 0.3 ft, Lab Note: Some Mica was within sample.	R@3.5"	15.2	10.1	62.0	27.9		
		Field Note:, Cleaned out casing. Roller Coned ahead							
		A-4, Si, gry, MTD, Rec. = 1.7 ft, Roller Coned ahead.	11-16-25-35 (41)	26.0	0.7	2.0	97.3	32	2
50.0		A-4, Si, gry, MTD, Rec. = 2.0 ft, Roller Coned ahead.	15-24-33-33 (57)	27.2		1.4	98.6	35	6
		A-4, Si, gry, MTD, Rec. = 1.9 ft, Roller Coned ahead.	15-21-31-34 (52)	28.8		1.2	98.8	32	6
60.0		A-4, ClSi, gry, Moist, Rec. = 2.0 ft	15-23-41-48 (64)	25.1		0.9	99.1	35	8
		Hole stopped @ 60.0 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 HARDWICK (EAST) SLIDE.GPJ VERMONT AOT.GDT 3/1/13