



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

BORING LOG

ADDISON
DIST #5 SLIDE
VT-125 MM 1.00

Boring No.: B-101
Page No.: 1 of 1
Pin No.: 11X507
Checked By: CAA

Boring Crew: PORTER, GARROW, SALISBURY
Date Started: 7/25/11 Date Finished: 7/27/11
VTSPG NAD83: N 558684.46 ft E 1403251.75 ft
Station: _____ Offset: _____
Ground Elevation: _____

Casing: WB
Sampler: SS
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 55 TRACK CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
07/27/11	5.7	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0-0.7		A-4, SaSi, brn, MTW, Rec. = 0.7 ft		1-1-2-2 (3)	17.8	1.8	29.4	68.8		
0.7-1.9		A-6, SiCl, brn, MTW, Rec. = 1.9 ft		2-2-2-2 (4)	28.4		17.5	82.5	34	16
1.9-1.8		Visual Classification, SiCl, brn, MTW, Rec. = 1.8 ft, Similar material as 2'-4'.		WH-2-2-2 (4)	30.9					
1.8-2.0		A-7-6, Cl, brn, MTW, Rec. = 2.0 ft		2-3-2-2 (5)	33.5	0.3	6.4	93.3	42	22
2.0-2.0		Visual Classification, Cl, brn, MTW, Rec. = 2.0 ft, Similar material as 6'-8'.		2-2-2-2 (4)	35.7					
2.0-1.8		A-7-6, Cl, brn, MTW, Rec. = 1.8 ft		WH- WH-2-2-2 (2)	39.1	0.2	1.8	98.0	49	27
1.8-2.0		Visual Classification, Cl, brn-gry, MTW, Rec. = 2.0 ft, Similar material as 10'-12'.		WH- WH-2-2-2 (2)	40.6					
2.0-1.3		A-7-6, Cl, gry, MTW, Rec. = 1.3 ft		WH-1-1-1 (2)	39.6		0.4	99.6	51	29
1.3-0.5		A-7-6, Cl, brn, Wet, Rec. = 0.5 ft		2 (2)	53.0	0.5	1.9	97.6	54	31
0.5-1.8		Visual Classification, Cl, gry, Wet, Rec. = 1.8 ft, Similar material as 22'-24'.		WH-1-2-1 (3)	59.0					
1.8-2.0		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft		(WH)	45.1		0.3	99.7	54	30
2.0-2.0		Visual Classification, Cl, gry, MTW, Rec. = 2.0 ft, Similar material as 32'-34'.		(WH)	58.0					
2.0-2.0		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft		(WH)	70.8		0.7	99.3	70	41
2.0-2.0		Visual Classification, Cl, gry, MTW, Rec. = 2.0 ft, Similar material as 32'-34'.		(WH)	59.3					
40.0		Hole stopped @ 40.0 ft								
45.0		Remarks: 1. Installed one 1.5 inch Monitoring Well. 2. Well goes to 40.0 feet with 10 feet of screen from 29.7 to 39.7 feet. 3. Top of Well is 2.5 feet above ground surface.								

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 ADDISON SLIDE MM1.GPJ VERMONT AOT.GDT 9/26/11



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

BORING LOG

ADDISON
 DIST #5 SLIDE
 VT-125 MM 1.00

Boring No.: B-102
 Page No.: 1 of 1
 Pin No.: 11X507
 Checked By: CAA

Boring Crew: PORTER, GARROW, SALISBURY
 Date Started: 7/27/11 Date Finished: 7/28/11
 VTSPG NAD83: N 558658.38 ft E 1403218.89 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

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 55 TRACK CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
07/28/11	3.0	AM

Depth (ft)	Strata (i)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %	
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft		3-4-4-4 (8)	2.6	59.1	30.5	10.4			
		Visual Classification, Broken Asphalt Pavement, blk-brn, Moist, Rec. = 1.0 ft		8-12-11-7 (23)	11.9	40.4	32.5	27.1			
		A-2-4, SiSaGr with some Asphalt, blk-brn, Moist, Rec. = 0.7 ft		3-4-3-3 (7)							
		Field Note:, No Recovery, Appears to be GrSa		3-2-2-2 (4)							
10		A-1-a, Gr, brn, Moist, Rec. = 0.3 ft		1-1-1-WH (2)	6.4	87.1	11.4	1.5			
		Visual Classification, CI, brn, Wet, Rec. = 2.0 ft, Similar material as 12'-14'.		WH-WH-WH (2)	26.8						
		A-7-6, CI, brn, MTW, Rec. = 1.8 ft		WH-2 (WH)	34.8		3.4	96.6	52	29	
		Shelby Tube, brn, MTW, Rec. = 1.7 ft, 14.0 ft - 16.0 ft		WH-2-2-2 (4)							
		A-7-6, CI, gry, MTW, Rec. = 2.0 ft		1-2-3-4 (5)	28.3		0.7	99.3	49	27	
20		Visual Classification, CI, gry, MTW, Rec. = 0.5 ft, Similar material as 16'-18'.		1-2-3-4 (5)	29.5			3.6	96.4	51	28
		A-7-6, CI, gry, Wet, Rec. = 1.0 ft		2-3-3-3 (6)	50.8						
		Visual Classification, CI, gry, Wet, Rec. = 1.4 ft, Similar material as 22'-24'.		1-2-3-3 (5)	45.2						
		A-7-6, CI, gry, Wet, Rec. = 1.0 ft		1-2-3-3 (5)	56.8		0.4	99.6	52	30	
		Visual Classification, CI, gry, Wet, Rec. = 1.0 ft, Similar material as 22'-24'.		1-2-2-2 (4)	63.5						
		A-7-6, CI, gry, MTW, Rec. = 1.0 ft			34.5		0.3	99.7	56	32	
30		Visual Classification, CI, gry, MTW, Rec. = 2.0 ft, Similar material as 36'-38'.	(WH)		60.3						
		A-7-6, CI, gry, MTW, Rec. = 1.4 ft	(WH)		66.9		0.3	99.7	66	37	
40		Visual Classification, CI, gry, MTW, Rec. = 0.3 ft, Similar material as 46'-48'.	WR-WR-WH-WH (WH)		57.2						
		A-7-6, CI, gry, MTW, Rec. = 1.7 ft	WR-WR-WH-WH (WH)		47.1		0.3	99.7	46	24	
50		Hole stopped @ 48.0 ft									

Remarks:
 1. Installed Inclinometer Well at 48.0 ft.
 2. Top of Well casing is 2.5 feet above ground surface.

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.