



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

BORING LOG

WILLISTON
STP-HES 5500(12)
VT-2A ROADWAY

Boring No.: **B-101**

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Pin No.: 12D196

Checked By: MLM

Boring Crew: JUDKINS, DAIGNEAULT, HALL
 Date Started: 8/30/13 Date Finished: 8/30/13
 VTSPG NAD83: N 720634.01 ft E 1480274.48 ft
 Station: 98+50.02 Offset: -36.00
 Ground Elevation: 358.47 ft

Type: _____
 I.D.: _____
 Hammer Wt: _____
 Hammer Fall: _____
 Hammer/Rod Type: _____
 Rig: CME 45C TRACK C_c = 1.34

Casing: WB
 Sampler: SS

Groundwater Observations

Date	Depth (ft)	Notes
08/30/13	6.0	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-2-4, GrSa, Dk/brn, Moist, Rec. = 0.8 ft	1-2-1-4 (3)	14.1	27.8	54.2	18.0		
		A-2-4, SiSa, Dk/brn, MTW, Rec. = 1.2 ft	2-3-3-2 (6)	21.8	16.3	62.6	21.1		
		A-4, Si, brn-gry, Wet, Rec. = 1.4 ft	2-3-5-5 (8)	24.6	5.6	19.0	75.4		
		A-6, SiCl, brn-gry, MTW, Rec. = 1.8 ft	4-5-5-6 (10)	25.7	0.6	9.3	90.1	32	12
10		A-4, ClSi, brn-gry, MTW, Rec. = 1.9 ft	3-5-8-7 (13)	26.5	7.8	6.6	85.6	29	8
		A-6, SiCl, brn-gry, MTW, Rec. = 1.5 ft	3-5-5-10 (10)	26.9	0.8	3.9	95.3	37	15
15		Field Note:, No Recovery	4-8-8-8 (16)						
		A-4, GrSaSi, gry, Wet, Rec. = 0.5 ft	10-22-25-25 (47)	22.0	26.5	29.2	44.3		
25		A-4, GrSaSi, gry, Moist, Rec. = 1.0 ft	19-26-R@5.0" (R)	10.2	21.9	24.6	53.5		
Hole stopped @ 26.4 ft									
Remarks: 1. Hole collapsed at 24.5 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. C_c is the hammer energy correction factor.
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 WILLISTON STP HES5500(12).GPJ VERMONT AOT.GDT 10/29/13