



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

BORING LOG

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

Boring No.: **B-102A**

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Pin No.: 12D196

Checked By: MLM

Boring Crew: DAIGNEAULT, GARROW  
 Date Started: 10/10/13 Date Finished: 10/10/13  
 VTSPG NAD83: N 720676.77 ft E 1480343.29 ft  
 Station: 98+91.30 Offset: 31.00  
 Ground Elevation: 355.22 ft

Type: WB TUBE  
 I.D.: 4.25 in 3 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
10/10/13	0.5	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		Field Note:, Cl, gry, Rec. = 0.5 ft, Shelby Tube					
5.0		Field Note:, Vane Shear 1072 psf/Remold unsuccessful					
7.5		Field Note:, Cl, gry, Rec. = 1.8 ft, Shelby Tube					
10.0		Field Note:, Vane Shear 1334/459 psf					
12.5		Hole stopped @ 10.5 ft					
15.0		Remarks: 1. Vane used was 3x6 inches. 2. Vane Shear = Inital/Remold					
17.5							

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 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 11/11/13