



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

BORING LOG

Culvert Replacement  
 Bridge 24  
 Theford STP CULV (48)

Boring No.: B-103A  
 Page No.: 1 of 1  
 Pin No.: 13c348  
 Checked By: \_\_\_\_\_

Boring Crew: J. Leonhardt, K. Owens  
 Date Started: 4/07/15 Date Finished: 4/07/15  
 VTSPG NAD83: N 509285.42 ft E 1703304.98 ft  
 Station: T0+33 Offset: 9L  
 Ground Elevation: 717.0 ft

Type: H.S.A. SS  
 I.D.: 3.25 in 1.38 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/NW  
 Rig: CME 550 TRACK CE = 1.4

Groundwater Observations

Date	Depth (ft)	Notes
04/07/15		None observed.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0 - 15		0.0 ft - 15.0 ft, Boring offset from B-103. Advanced to 15' without sampling.					
15 - 45		<p>Hole stopped @ 15.0 ft            Boring terminated at 15' due to vertical deviation of augers preventing advancement of sampling and borehole.</p> <p>Remarks:            12': Augers grinding 12'-14'.            15': Offset 2' northwest to B-103B.            Boulders &amp; cobbles likely encountered throughout boring advancement.</p>					

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.