



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

BORING LOG

Highgate BO 1448 (43)  
 (GeoDesign #750-09.16)  
 Bridge #25, Highgate, VT

Boring No.: B-102  
 Page No.: 1 of 1  
 Pin No.: PS0171  
 Checked By: JFW/SPK

Boring Crew: J. Burrowbridge (OQA), A. Baribault (GeoDesign)  
 Date Started: 8/18/14 Date Finished: 8/18/14  
 VTSPG NAD83: N 885188.00 ft E 1514011.00 ft  
 Station: 12+14 Offset: -3.00  
 Ground Elevation: 221 ft

Type: \_\_\_\_\_  
 I.D.: \_\_\_\_\_  
 Hammer Wt: \_\_\_\_\_  
 Hammer Fall: \_\_\_\_\_  
 Hammer/Rod Type: \_\_\_\_\_  
 Rig: \_\_\_\_\_

Casing \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 S.S.A \_\_\_\_\_  
 N.A. \_\_\_\_\_  
 N.A. \_\_\_\_\_  
 N.A. \_\_\_\_\_  
 Safety/N/A \_\_\_\_\_  
 CE = \_\_\_\_\_

Groundwater Observations (3)

Date	Depth (ft)	Notes
08/18/14		None observed.

Depth (ft)	Strat(1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)(2)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 12.0		Cuttings: Light brown fine to coarse SAND, little fine to coarse Gravel, little Silt, moist.					
12.0 - 12.5		Hole stopped @ 12.0 ft SSAR					
12.5 - 17.5		Remarks: 1) Slight grinding noted from 3 to 3.5 feet deep on possible cobble. Grinding observed from 6 to 8 feet deep with the auger deflecting at an approximately 10° angle (cutler head east, top west). Auger likely deflected around boulder. 2) Offset hole to the east and advanced auger to refusal at 12.0 feet deep.					

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.

GEODESIGN BORING LOG 750-09.16 HIGHGATE BRIDGE 25 BO 1448(43) GPJ VERMONT AOT/BOJ 2/11/15