VTrans Working to Get You There — Vermont Agency of Transportation

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-106
Page No.: 1 of 1
Pin No.: PS0171
Checked By: JFW/SPK

Boring Crew: J. Leonhardt (QCQA), A. Baribault (GeoDesign)
Date Started: 8/19/14 Date Finished: 8/19/14
VTSPG NAD83: N 885094.00 ft E 1514304.00 ft
Station: 15+25 Offset: -10.00
Ground Elevation: 221.5 ft

	Casing	Sampler
Type:	S.S.A	N.A.
I.D.:	2.25 in	
Hammer Wt:	N.A.	N.A.
Hammer Fall:	N.A.	N.A.
Hammer/Rod Type:	N.A./N.A.	
Rig:	CME 550X ATV	CE =

Groundwater Observations (3)

Date	Depth (ft)	Notes
08/19/14		None observed.

Depth (ft)	Strata(1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)(2)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		Overburden Soils (Inferred)					
5.0							
7.5							
10.0		Possible Weathered Bedrock (Inferred)					
12.5		Hole stopped @ 12.5 ft SSAR					
15.0							
17.5							

Remarks:
1) Auger grinding consistently between 8 and 12.5 feet deep on inferred weathered bedrock.
2) Auger refusal at 12.5 feet deep.
3) Brown auger cuttings noted to approximately 10 feet deep, becoming light gray to refusal at 12.5 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.GDT 2/11/15