



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

BORING LOG

Highgate 80 1448 (43)
 (GeoDesign #750-09.16)
 Bridge #25, Highgate, VT

Boring No.: 8-107
 Page No.: 1 of 1
 Pin No.: PS0171
 Checked By: JFW/SPK

Boring Crew: J. Leonhardt (QCOA), A. Baribault (GeoDesign)
 Date Started: 8/19/14 Date Finished: 8/19/14
 VTSPG NAD83: N 885090.00 ft E 1514298.00 ft
 Station: 15+20 Offset: -5.00
 Ground Elevation: 221.5 ft

Type: S.S.A. Sampler: 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)	Strat(1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)(2)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 8.5		Overburden Soils (Inferred)					
8.5 - 10.5		Possible Weathered Bedrock (Inferred)					
10.5 - 17.5		Hole stopped @ 10.5 ft SSAR					
		Remarks: 1) Auger grinding on inferred weathered bedrock between 8.5 and 10.5 feet deep. 2) Auger refusal at 10.5 feet deep. 3) Cuffings observed to be brown in color to refusal.					

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 80 1448(43).OPJ VERMONT.AOT.DOT 2/11/15