



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

BORING LOG

RYEGATE
 IM CULV(28)
 Ryegate, VT

Boring No.: B-101B
 Page No.: 1 of 1
 Pin No.: 11A262
 Checked By: K. Adnams

Boring Crew: M. Misiaszek, K. Owens
 Date Started: 3/13/13 Date Finished: 3/13/13
 VTSPG NAD83: N 618143.61 ft E 1752700.51 ft
 Station: _____ Offset: _____
 Ground Elevation: 585.5 ft

Casing Sampler
 Type: WB SS
 I.D.: 5 in 1.38 in
 Hammer Wt: 300 lb. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Manual/NW
 Rig: CME 750 ATV Mounted CE = 1.0

Groundwater Observations

Date	Depth (ft)	Notes
03/13/13		No gw obs.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	x x x	Not Sampled, Boring offset from B-101A to B-101 original location. Attempted to advance boring with 5-inch casing and 4-inch roller bit.					
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
10	x x x	Not Sampled, 5-Inch casing advanced to 25'. Attempted to telescope boring with 4-inch casing. 4-Inch casing refusal at 22'. It is believed the 5-inch casing was knocked off of vertical alignment by a large cobble or boulder. Boring abandoned. Hole stopped @ 25.0 ft					
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
15	x x x	Not Sampled, 5-Inch casing advanced to 25'. Attempted to telescope boring with 4-inch casing. 4-Inch casing refusal at 22'. It is believed the 5-inch casing was knocked off of vertical alignment by a large cobble or boulder. Boring abandoned. Hole stopped @ 25.0 ft					
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
20	x x x	Not Sampled, 5-Inch casing advanced to 25'. Attempted to telescope boring with 4-inch casing. 4-Inch casing refusal at 22'. It is believed the 5-inch casing was knocked off of vertical alignment by a large cobble or boulder. Boring abandoned. Hole stopped @ 25.0 ft					
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
25	x x x	Not Sampled, 5-Inch casing advanced to 25'. Attempted to telescope boring with 4-inch casing. 4-Inch casing refusal at 22'. It is believed the 5-inch casing was knocked off of vertical alignment by a large cobble or boulder. Boring abandoned. Hole stopped @ 25.0 ft					
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
	x x x						
Remarks:							
		Project performed under CHA project No. 25047.					

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.

BORING LOG 25047_RYEGATE_CULV LOGS.GPJ VERMONT AOT.GDT 5/6/13