

 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-2				
		Cavendish ER BR 0146(13)		Page No.: 1 of 1				
Cavendish, Vermont		Checked By: JAG						
Boring Crew: B. DeLude (S.B.), J. Gilman (GeoDesign)		Casing Sampler		Groundwater Observations ^a				
Date Started: 3/14/12 Date Finished: 3/15/12		Type: FJ SS	Date		Notes			
VTSPG NAD83: N 325122.89 ft E 1615301.91 ft		I.D.: 4 in 1.38 in	03/15/12		See note 2			
Station: Not Available Offset: Not Available		Hammer Wt: 140 lb. 140 lb.						
Ground Elevation: 773.27 ft		Hammer Fall: 30 in. 30 in.						
		Hammer/Rod Type: Auto/AWJ						
		Rig: Diedrich D-50 C _a = 1.5						
Depth (ft)	Strata	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blow/6" (N Value) ^b	Moisture Content %	Gravel %	Sand %	Fines %
0 - 12	X X X X	Inferred Fill. (Inferred from B-1).						
12 - 32.5	○ ○ ○ ○	Inferred Silty Sand & Gravel with Cobbles and Boulders. (Inferred from B-1)						
32.5 - 35		Hole stopped @ 32.5 ft Rollerbit refusal on inferred bedrock.						
		Remarks: 1) Ground surface elevation and exploration location surveyed by Vermont Survey and Engineering, Inc. 2) Purpose of boring was to install PVC casing for geophysical testing. Therefore, no groundwater observations were made, and strata descriptions were inferred from B-1. 3) Driller inferred advance through boulder from approximately 12' to 15' deep. 4) Driller noted that roller bit advance slowed due to increased resistance at 32.3' deep. Advanced to 32.5' deep with consistent hard resistance. Inferred bedrock. 5) Boring terminated at 32.5' deep. Set 3" I.D. PVC casing for geophysical testing to 30' deep (plus 6" bottom cap) with road box recessed slightly below roadway pavement surface. See Well Log.						
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.						

BOTTOM OF
ABUT. NO. 1
EL. 762.0

ESTIMATED BOTTOM OF
PILE AT ABUT. NO. 1
EL. 738.7

SECTION BORING LOG - NO. STA. - OFFSET: 088-04.4 CAVENDISH ER BR 0146(13) VERMONT ADJ. EST. 5/20/13