



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 CONSTRUCTION AND
 MATERIALS BUREAU
 CENTRAL LABORATORY

BORING LOG

DANBY
BF 0130(3)
TH-1 BR-9

Boring No.: **B-101**

Page No.: 1 of 1

Pin No.: 13J304

Checked By: TDE

Boring Crew: DAIGNEAULT, JUDKINS, HOOK
 Date Started: 12/03/14 Date Finished: 12/03/14
 VTSPG NAD83: N 306402.06 ft E 1497029.00 ft
 Station: 13+76 Offset: -16.00
 Ground Elevation: 1231.79 ft

Type: WB SS
 I.D.: 4 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C TRACK C_c = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
12/03/14	3.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Groundwater Observations				
						Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-4, GrSaSi, brn-gry, Moist, Rec. = 1.0 ft, Lab Note: Roots & Sticks were within sample.				4-2-2-2 (4)	22.7	22.7	29.1	48.2
2.5		A-2-4, SaSiGr, brn, Moist, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample. Tested as, SiSaGr, gry, MTD, Rec. = 0.5 ft, Lab Note: Sample was mostly small Broken Rock pieces.				30-50-R@5.0" (R)	19.2 3.7	39.1 39.0	30.5 34.5	30.4 26.5
5.0		Visual Description: Weathered Rock, gry, Moist, Rec. = 0.2 ft 4.2 ft - 9.2 ft, Gray, Siliceous shale and Phyllite, Medium hard, Severely weathered, Very poor rock, NXMDC, Core run is very vuggy with iron staining on vug and foliation surfaces. RMR = 20	1 (20)	100 (6)	3	R@2.5" (R)	9.9			
10.0		9.2 ft - 14.2 ft, Gray, Siliceous and limy shale and Phyllite, Medium hard, Moderately weathered, Poor rock, NXMDC, Portions of core run is vuggy with iron staining on vug and foliation surfaces. RMR = 22	2 (20)	100 (17)	3					
15.0		Hole stopped @ 14.2 ft								
		Remarks: Hole collapsed at 2.1 ft.								

Notes:
 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 DANBY BF 0130(3).GPJ VERMONT AOT.GDT 4/27/15