



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-106**
Page No.: **1 of 1**
Pin No.: **13J304**
Checked By: **TDE**

Boring Crew: DAIGNEAULT, JUDKINS, GARROW
Date Started: 12/15/14 Date Finished: 12/19/14
VTSPG NAD83: N 306350.34 ft E 1496982.43 ft
Station: 13+7.6 Offset: 4.60
Ground Elevation: 1230.56 ft

Casing Type: WB Sampler: 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 = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Tested as, SaGr, brn, Moist, Rec. = 1.1 ft, Lab Note: Sample was mostly small pieces of broken soft flat rock.				8-10-25-R@2.5" (35)	6.2	55.6	29.3	15.1
		Field Note:, No Recovery				R@6.0" (R)				
		Field Note:, Cleaned out casing								
5		4.0 ft - 9.0 ft, Gray, Siliceous shale and Phyllite, Medium hard, Moderately severe weathering, Very poor rock, NXMDC, Core run is very vuggy with iron staining on vug and foliation surfaces. RMR = 20	1 (30)	70 (0)	2					
					3					
					4					
					2					
					4					
10		9.0 ft - 14.0 ft, Gray, Siliceous shale and Phyllite, Medium hard, Moderately weathered to unweathered, Fair rock, NXMDC, Portions of core run is vuggy with iron staining on vug and foliation surfaces. RMR = 46	2 (30)	100 (60)	3					
					3					
					3					
					3					
					3					
15		14.0 ft - 19.0 ft, Gray, Siliceous shale and Phyllite, Medium hard, Unweathered, Fair rock, NXMDC, RMR = 58	3 (30)	100 (78)	3					
					5					
					4					
					4					
					3					
20		Hole stopped @ 19.0 ft								
		Remarks: 1. Hole collapsed at 1.5 ft. 2. Boring was drilled through bridge deck. 3. Measurements are referenced from ground surface.								
25										

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