



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-103**

Page No.: 1 of 1

Pin No.: 13J304

Checked By: TDE

Boring Crew: DAIGNEAULT, JUDKINS, HOOK

Date Started: 12/04/14 Date Finished: 12/05/14

VTSPG NAD83: N 306384.84 ft E 1497045.25 ft

Station: 13+77.6 Offset: 7.70

Ground Elevation: 1241.47 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 = 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 %
		Asphalt Pavement, 0.0 ft - 0.48 ft								
5		A-1-a, SaGr, brn, MTW, Rec. = 0.5 ft				5-7-10-25 (17)	10.6	59.3	31.5	9.2
		A-1-a, SaGr, brn, MTW, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.				16-17-16-16 (33)	6.8	60.8	24.3	14.9
		A-1-b, SiSaGr, brn, MTW, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				25-18-7-3 (25)	15.7	40.3	38.7	21.0
		A-1-b, SiSaGr, brn, MTW, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.				4-4-4-3 (8)	14.6	47.0	32.0	21.0
10		Field Note:;, Cleaned out with roller cone								
		A-4, SaGrSi, brn-Lt/brn, MTW, Rec. = 0.2 ft, Cleaned out with roller cone.				4-3-3-3 (6)	18.4	27.6	27.0	45.4
		A-1-b, SaGr, gry, Moist, Rec. = 0.2 ft, Lab Note: Mostly small flat Broken Rock pieces. NXDC, Cleaned out casing.				4-2-4-13 (6)	7.7	54.4	29.5	16.1
15		A-1-b, SiSaGr, brn-gry, Moist, Rec. = 0.7 ft, Lab Note: Mostly small flat Broken Rock pieces.				50-R@2.5" (R)	14.3	40.2	35.2	24.6
		Field Note:;, NXDC, Cleaned out casing								
		A-2-4, SiSaGr, gry-rust, Moist, Rec. = 0.1 ft, Lab Note: Mostly small flat Broken soft Rock pieces.	1 (20)	100 (0)	2					
20		15.1 ft - 20.1 ft, Gray, Siliceous and limy shale and Phyllite, with quartz veins. Medium hard, Moderately weathered, Poor rock, NXMDC, Portions of core run is vuggy with iron staining on vug and foliation surfaces. RMR = 23								
		20.1 ft - 25.1 ft, Gray, Phyllite, with quartz veins. Medium hard, Moderately weathered, Poor rock, NXMDC, Portions of core run is vuggy with iron staining on vug and foliation surfaces. RMR = 28	2 (20)	100 (30)	4					
					5					
					4					
25										
					4					
					4					
					4					
Hole stopped @ 25.1 ft										
Remarks: Hole collapsed at 13.0 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