



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

**BORING LOG**

**CRAFTSBURY  
BO 1449(34)  
TH-4 BR-4**

Boring No.: **B-101**  
Page No.: 1 of 1  
Pin No.: 13J100  
Checked By:

Boring Crew: JUDKINS, HOOK, DAIGNEAULT  
Date Started: 2/27/14 Date Finished: 2/27/14  
VTSPG NAD83: N 787498.10 ft E 1678685.90 ft  
Station: 12+00 Offset: -4.00  
Ground Elevation: 1021.5 ft

Casing Type: WB  
I.D.: 4 in  
Sampler: \_\_\_\_\_  
Hammer Wt: N.A. N.A.  
Hammer Fall: N.A. N.A.  
Hammer/Rod Type: \_\_\_\_\_  
Rig: CME 45C SKID C<sub>c</sub> = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
03/05/14	12.8	AM

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 %
5										
10										
15										
20										
25										
30										
35		34.0 ft - 39.0 ft, Dark-bluish-gray, Micaceous quartz-rich Limestone, Moderately hard, Unweathered, Poor rock, NXMDC, Quartz vein at 34.75 feet. RMR = 39	1 (30)	44 (0)	8	10	10	10	9	10
40		Hole stopped @ 39.0 ft								
45		Remarks: 1. Hole collapsed at 17.0 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.

ABUT. 1 BTM.  
ELEV. 1014.00

EST. LENGTH = 26.50'

EST. PILE TIP  
ELEV. 987.50

BORING LOG 2 CRAFTSBURY BO 1449(34).GPJ VERMONT AOT.GDT 3/20/14



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**BORING LOG**

**CRAFTSBURY  
BO 1449(34)  
TH-4 BR-4**

Boring No.: **B-102**  
Page No.: 1 of 1  
Pin No.: 13J100  
Checked By:

Boring Crew: JUDKINS, HOOK, DAIGNEAULT  
Date Started: 3/05/14 Date Finished: 3/05/14  
VTSPG NAD83: N 787589.50 ft E 1678714.10 ft  
Station: 12+93 Offset: 13.00  
Ground Elevation: 1027.0 ft

Casing Type: WB  
I.D.: 4 in  
Sampler: \_\_\_\_\_  
Hammer Wt: N.A. N.A.  
Hammer Fall: N.A. N.A.  
Hammer/Rod Type: \_\_\_\_\_  
Rig: CME 45C SKID C<sub>c</sub> = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
03/05/14	2.3	While drilling.

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 %
5										
10										
15										
20										
25		24.5 ft - 29.5 ft, Dark-bluish-gray, Micaceous quartz-rich Limestone, Moderately hard, Unweathered, Fair rock, NXMDC, Quartz vein at 26.9 feet. RMR = 44	1 (30)	94 (40)	3	4	5	6	4	
30		Hole stopped @ 29.5 ft								
35		Remarks: 1. Hole collapsed at 11.9 ft.								
40										
45										

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.

ABUT. 2 BTM.  
ELEV. 1018.25

EST. LENGTH = 20.75'

EST. PILE TIP  
ELEV. 997.5

BORING LOG 2 CRAFTSBURY BO 1449(34).GPJ VERMONT AOT.GDT 3/20/14

PROJECT NAME: CRAFTSBURY  
PROJECT NUMBER: BO 1449(34)  
FILE NAME: s13j100bor1ng.dgn PLOT DATE: 14-OCT-2015  
PROJECT LEADER: R. YOUNG DRAWN BY: L.J.STONE  
DESIGNED BY: L.J.STONE CHECKED BY: O.M.DARISSE  
BORING LOGS I SHEET 13 OF 42