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

BORING LOG

ROCHESTER
ER-BRF 0162(18)
VT-73 BR-19

Boring No.: **B-201**
Page No.: 1 of 1
Pin No.: 11C332
Checked By: CCB

Boring Crew: GARROW, JUDKINS, DAIGNEAULT
Date Started: 4/11/13 Date Finished: 4/11/13
VTSPG NAD83: N 497024.36 ft E 1558616.44 ft
Station: 236+35.0 Offset: 12.00
Ground Elevation: 827.4 ft

	Casing	Sampler
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 55 TRACK	C. = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
04/11/13	9.8	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.78 ft								
		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.2 ft				5-8-12-15 (20)	9.8	36.9	44.7	18.4
2.5		Field Note:, NXDC. Appears to be Gravelly Sand								
5.0		A-1-b, SiSaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				16-16-R@5.0" (R)	9.1	43.3	36.2	20.5
7.5		Field Note:, NXDC								
		8.0 ft - 13.0 ft, Pale green, Quartz-sericite Schist, with Quartzite. Moderate weathering along joint surfaces. Moderately hard, Fair rock, NXMDC, RMR = 54	1 (50)	100 (48)	6 7 9 6 5	Top of Bedrock @ 8.0 ft				
10.0										
12.5		Hole stopped @ 13.0 ft								
15.0		Remarks: Hole collapsed at 6.7 ft. Northing, Easting, and Elevation are based off stations and offsets attained in the field and a topographic survey.								
17.5										
20.0										
22.5										

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 ROCHESTER ER-BRF 0162(18).GPJ VERMONT AOT.GDT 4/24/13

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BORING LOG

ROCHESTER
ER-BRF 0162(18)
VT-73 BR-19

Boring No.: **B-202**
Page No.: 1 of 1
Pin No.: 11C332
Checked By: CCB

Boring Crew: GARROW, JUDKINS, DAIGNEAULT
Date Started: 4/11/13 Date Finished: 4/11/13
VTSPG NAD83: N 497007.06 ft E 1558606.86 ft
Station: 236+15.0 Offset: 11.40
Ground Elevation: 827.1 ft

	Casing	Sampler
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 55 TRACK	C. = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
04/11/13	3.5	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.7 ft								
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft				9-12-13-12 (25)	10.3	30.8	48.5	20.7
2.5		Field Note:, NXDC, Possible Top of Bedrock at 4.0 ft.								
5.0		5.0 ft - 10.0 ft, Pale green, Quartz-sericite Schist, with Quartzite. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 63	1 (35)	100 (88)	7 7 7 5 5					
7.5										
10.0		Hole stopped @ 10.0 ft								
12.5		Remarks: Hole collapsed at 2.9 ft. Northing, Easting, and Elevation are based off stations and offsets attained in the field and a topographic survey.								
15.0										
17.5										
20.0										
22.5										

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 ROCHESTER ER-BRF 0162(18).GPJ VERMONT AOT.GDT 4/24/13

BOTTOM OF FOOTING
EST. PILE PENETRATION

Vanasse Hangen Brustlin, Inc.

PROJECT NAME: ROCHESTER
PROJECT NUMBER: ER BRF 0162(18)

FILE NAME: zllc332borlogs.dgn
PROJECT LEADER: S.E. BURBANK
DESIGNED BY: VTRANS
BR 19 BORING LOGS (3 OF 4)

PLOT DATE: 8/19/2013
DRAWN BY: E.A. FIALA
CHECKED BY: S.E. BURBANK
SHEET 201 OF 238

VHB 57517