



BORING LOG

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

Boring No.: B-102
Page No.: 1 of 2
Pin No.: 11C332
Checked By: CEE

Boring Crew: SALISBURY, GARROW
Date Started: 3/27/12 Date Finished: 3/29/12
VTSPG NAD83: N 497119.90 ft E 1558458.40 ft
Station: 12+96 Offset: 7.00
Ground Elevation: 824.8 ft

Casing Type: WB
Sampler Type: 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 CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
03/28/12	8.0	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (0.1p deg.)	Core Rec. (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.5 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, NXDC				6-12-8-10 (20)	8.1	44.9	38.7	16.4
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, NXDC				5-13-13-17 (26)	7.4	54.9	32.4	12.7
		A-1-b, SaGr, grn-brn, Moist, Rec. = 0.8 ft, NXDC				20-15-18-25 (33)	6.8	52.6	32.8	14.6
		Field Note: No Recovery, Rock in sampler.				RØ5.0"				
		Field Note: NXDC, Cobbles								
		A-1-a, SaGr, brn, Moist, Rec. = 1.3 ft, NXDC				12-22-23-18 (45)	9.8	52.4	35.1	12.5
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft, NXDC				3-8-6-4 (14)	13.9	43.1	44.5	12.4
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft, NXDC, Lost water return at 13.0 ft.				4-3-2-5 (5)	15.3	34.8	51.7	13.5
		A-4, SiSa Varved, brn, Moist, Rec. = 1.3 ft, NXDC				3-2-2-4 (4)	33.7	6.2	51.1	42.7
		A-2-4, GrSa Varved, brn, Moist, Rec. = 1.0 ft, NXDC				3-2-2-4 (4)	27.9	43.0	45.9	11.1
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, NXDC				7-8-5-4 (13)	12.8	48.5	42.6	8.9
		Field Note: No Recovery, NXDC, Gravel				3-4-4-1 (8)				
		Field Note: No Recovery, Rock in sampler.				5-5-5-6 (10)				
		A-1-a, SaGr, brn, Moist, Rec. = 1.2 ft, NXDC				6-7-8-8 (15)	12.4	52.3	38.3	9.4
		A-2-4, GrSa, brn, Moist, Rec. = 1.1 ft, NXDC				6-4-5-8 (9)	17.2	26.8	54.7	18.5
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft, NXDC				6-6-4-5 (10)	15.1	32.8	57.4	9.8
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, NXDC				3-3-4-9 (7)	15.0	64.7	26.3	9.0
		Field Note: NXDC, Gravel								
		A-4, SiSa, brn, Moist, Rec. = 1.0 ft				6-5-6-7 (11)	25.4	0.2	63.4	36.4
		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft				3-4-4-5 (8)	26.3	7.4	75.7	16.9

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



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

Boring No.: B-102
Page No.: 2 of 2
Pin No.: 11C332
Checked By: CEE

Boring Crew: SALISBURY, GARROW
Date Started: 3/27/12 Date Finished: 3/29/12
VTSPG NAD83: N 497119.90 ft E 1558458.40 ft
Station: 12+96 Offset: 7.00
Ground Elevation: 824.8 ft

Casing Type: WB
Sampler Type: 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 CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
03/28/12	8.0	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (0.1p deg.)	Core Rec. (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: No Recovery				5-5-6-6 (11)				
		Field Note: NXDC, Sand, Used Bentonite.								
		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft				6-7-9-8 (16)	26.4		87.6	12.4
		Field Note: Casing locked up at 55.0 ft., Very fine sand. Sleaved down to 3 inch casing.								
		A-4, SiSa, brn, Moist, Rec. = 1.4 ft				7-8-12-12 (20)	23.3		53.9	46.1
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.0 ft				12-15-13-15 (28)	24.0	20.1	59.6	20.3
		A-4, SiSa, gry, Moist, Rec. = 0.5 ft					27.9		63.3	36.7
		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft				15-16-16-20 (52)	23.8	7.7	62.6	29.7
		Field Note: BXDC, Very weathered bedrock								
		73.0 ft - 78.0 ft, Pale green, Quartz-sericite Schist, and chloritoid phyllite with quartzite. Moderately soft, Unweathered, Fair rock, BXGDC, Poor ROD may be the result of mechanical breakage. RMR = 49	1 (55)	74 (0)	5					Top of Bedrock @ 73.0 ft
		78.0 ft - 83.0 ft, Pale green, Quartz-sericite Schist, and chloritoid phyllite with quartzite. Moderately soft, Unweathered, Fair rock, BXGDC, Poor ROD may be the result of mechanical breakage. RMR = 49	2 (55)	76 (0)	5					
		Hole stopped @ 83.0 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. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.