

BOTTOM OF ABUT. 2
 FOOTING EL. 511.00

BORING LOG		BORING LOG	
RUTLAND CITY BRF 3000(19) TH-10 BR-17		RUTLAND CITY BRF 3000(19) TH-10 BR-17	
Boring Crew: PORTER, GARROW		Boring Crew: PORTER, GARROW	
Date Started: 6/16/10 Date Finished: 6/17/10		Date Started: 6/16/10 Date Finished: 6/17/10	
VTSPG NAD83: N 401991.83 ft E 1507359.30 ft		VTSPG NAD83: N 401991.83 ft E 1507359.30 ft	
Station: 9+78 Offset: 17.50		Station: 9+78 Offset: 17.50	
Ground Elevation: 519.3 ft		Ground Elevation: 519.3 ft	
Type: WB SS		Type: WB SS	
I.D.: 4 in 1.5 in		I.D.: 4 in 1.5 in	
Hammer Wt: N.A. 140 lb		Hammer Wt: N.A. 140 lb	
Hammer Fall: N.A. 30 in		Hammer Fall: N.A. 30 in	
Hammer/Rod Type: Auto/AWJ		Hammer/Rod Type: Auto/AWJ	
Rig: CME 55 TRACK C _c = 1.46		Rig: CME 55 TRACK C _c = 1.46	
Depth (ft)	Strata (1)	Run (Dip reg.)	Blow* (N Value)
0-1	A-2-4, SiGrSa, brn, Moist, Rec. = 0.7 ft, Broken rock (Marble) was within sample.		1-2-8-3 (10)
1-2	Visual Classification, Broken rock (Marble) with sand, brn-white, Moist, Rec. = 0.4 ft		1-2-2-3 (4)
2-3	Visual Classification, Broken rock (Marble) with sand, brn-white, Moist, Rec. = 0.6 ft		2-3-5-6 (8)
3-4	Visual Classification, Broken rock (Marble) with sandy silt, brn-white, Moist, Rec. = 1.0 ft		5-5-3-4 (8)
4-5	Visual Classification, Broken rock (Marble), white, Moist, Rec. = 0.4 ft		2-3-7-5 (10)
5-6	Field Note: No Recovery		3-3-2-3 (5)
6-7	A-4, SaSi with Trace of Organics (6.3%), gry, Moist, Rec. = 1.6 ft		1-1-2-3 (3)
7-8	A-1-b, GrSa, gry, Moist, Rec. = 1.0 ft, Some Wood particles were within sample.		4-3-3-3 (6)
8-9	A-2-4, GrSiSa, gry, Wet, Rec. = 0.4 ft		1-1-5-3 (6)
9-10	A-1-b, SiGrSa, brn, Wet, Rec. = 0.7 ft, Sample was very rusty colored.		9-5-3-3 (6)
10-11	A-3, Sa, gry, MTW, Rec. = 2.0 ft	WR-WR, WH-WH (0)	24.9
11-12	Field Note: No Recovery, Appears to be Fine Sand.		1-1-1-1 (2)
12-13	A-2-4, Sa, gry, MTW, Rec. = 1.0 ft		1-2-2-2 (4)

BORING LOG 2 RUTLAND CITY BRF 3000(19) G.P.J. VERMONT AOT.GDT. 11/31/10

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_c 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.

ESTIMATED MIN. PILE TIP
 EL. 471.00

BORING LOG		BORING LOG	
RUTLAND CITY BRF 3000(19) TH-10 BR-17		RUTLAND CITY BRF 3000(19) TH-10 BR-17	
Boring Crew: PORTER, GARROW		Boring Crew: PORTER, GARROW	
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Ground Elevation: 519.3 ft		Ground Elevation: 519.3 ft	
Type: WB SS		Type: WB SS	
I.D.: 4 in 1.5 in		I.D.: 4 in 1.5 in	
Hammer Wt: N.A. 140 lb		Hammer Wt: N.A. 140 lb	
Hammer Fall: N.A. 30 in		Hammer Fall: N.A. 30 in	
Hammer/Rod Type: Auto/AWJ		Hammer/Rod Type: Auto/AWJ	
Rig: CME 55 TRACK C _c = 1.46		Rig: CME 55 TRACK C _c = 1.46	
Depth (ft)	Strata (1)	Run (Dip reg.)	Blow* (N Value)
0-1	A-4, GrSaSi, gry, MTW, Rec. = 1.0 ft		1-1-7-14 (8)
1-2	A-2-4, SaSiGr, gry, MTW, Rec. = 1.4 ft		18-13-11-18 (24)
2-3	Field Note: NXDC, 3.0' Gravel		15-45-33-R/3.5' (78)
3-4	A-4, Si (HP), gry, MTW, Rec. = 1.5 ft		15-50-60-R (80)
4-5	NXDC, Cobbles, 52.3 ft - 53.0 ft		15-45-35-R/3.5' (80)
5-6	A-4, SaSi (HP), gry, MTW, Rec. = 1.4 ft		15-50-60-R (80)
6-7	Field Note: NXDC, 3.0' Gravel		15-45-35-R/3.5' (80)
7-8	A-4, SaSi (HP), gry, MTW, Rec. = 1.8 ft		15-45-35-R/3.5' (80)
8-9	60.0 ft - 62.0 ft, Light gray, Quartzite, Core very broken up and iron stained jointing. Moderately hard, Moderately to severely weathered. Fair rock, NXMDC	1 (7)	60 (0)
9-10	62.0 ft - 67.0 ft, Dull white, Quartzite, with closely spaced iron stained jointing. Moderately hard, Moderately weathered, Poor rock, NXMDC	2 (7)	100 (0)
10-11	67.0 ft - 67.5 ft, Dull white, Quartzite, with closely spaced iron stained jointing. Moderately hard, Moderately weathered, Poor rock, NXMDC	3 (7)	50 (0)
11-12	67.5 ft - 70.0 ft, Dull green, Metavolcanic, Very soft, Severely weathered, Poor rock		
12-13	Hole stopped @ 70.0 ft		

BORING LOG 2 RUTLAND CITY BRF 3000(19) G.P.J. VERMONT AOT.GDT. 11/31/10

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BOTTOM OF ABUT. 1
 FOOTING EL. 511.00

BORING LOG		BORING LOG	
RUTLAND CITY BRF 3000(19) TH-10 BR-17		RUTLAND CITY BRF 3000(19) TH-10 BR-17	
Boring Crew: PORTER, GARROW		Boring Crew: PORTER, GARROW	
Date Started: 6/30/10 Date Finished: 6/30/10		Date Started: 6/30/10 Date Finished: 6/30/10	
VTSPG NAD83: N 402150.63 ft E 1507161.52 ft		VTSPG NAD83: N 402150.63 ft E 1507161.52 ft	
Station: 7+25 Offset: 0.00		Station: 7+25 Offset: 0.00	
Ground Elevation: 519.8 ft		Ground Elevation: 519.8 ft	
Type: WB SS		Type: WB SS	
I.D.: 4 in 1.5 in		I.D.: 4 in 1.5 in	
Hammer Wt: N.A. 140 lb		Hammer Wt: N.A. 140 lb	
Hammer Fall: N.A. 30 in		Hammer Fall: N.A. 30 in	
Hammer/Rod Type: Auto/AWJ		Hammer/Rod Type: Auto/AWJ	
Rig: CME 55 TRACK C _c = 1.46		Rig: CME 55 TRACK C _c = 1.46	
Depth (ft)	Strata (1)	Run (Dip reg.)	Blow* (N Value)
0-1	A-2-4, SiGrSa, brn-white, Moist, Rec. = 0.8 ft, Broken Marble rock was within sample.		1-10-20-25 (30)
1-2	Field Note: Dug a boulder and cobbles out by hand		
2-3	A-1-a, SaGr, brn-white, Moist, Rec. = 0.9 ft, Broken Marble rock was within sample.		3-4-5-3 (9)
3-4	A-2-4, SiSa, brn, Moist, Rec. = 1.7 ft		2-1-1-1 (2)
4-5	A-4, SiSa, L/brn, MTW, Rec. = 0.7 ft		3-1-1-3 (2)
5-6	A-4, SiSa, L/brn, MTW, Rec. = 1.4 ft		6-5-4-4 (9)
6-7	A-2-4, SiSa, L/brn, Wet, Rec. = 1.0 ft		3-1-3-5 (4)
7-8	Field Note: No Recovery. Appears to be Cobbles and Gravel, NXDC, 15.2'-16.0'		8-6-8-8 (14)
8-9	A-1-a, SaGr, gry, Moist, Rec. = 0.7 ft, NXDC, 17.2'-18.0'		8-8-10-15 (18)
9-10	A-1-b, SaGr, gry, Moist, Rec. = 0.4 ft		10-10-12-42 (22)
10-11	Hole stopped @ 20.0 ft		

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BORING LOG SHEET #4

PROJECT NAME: RUTLAND CITY
 PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M.D.S.
 DESIGNED BY: D.M.D.
 DWG. NO.:

PLOT DATE: 6/30/2014
 DRAWN BY: D.M.D.
 CHECKED BY: P.M.P.
 SHEET 58 OF 245