

 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: HA-101	
		Rutland Bridge Replacement 23828.1000.32000		Page No.: 1 of 1 Pin No.: BRF 3000(16) Checked By: J. MacGregor	
Boring Crew: M. Blakely, D. Spielvogel		Casing	Sampler	Groundwater Observations	
Date Started: 2/22/12	Date Finished: 2/22/12	Type: HA	3 in	Date	Depth (ft)
VTSPG NAD83: N 401742.53 ft E 1509757.14 ft		Hammer Wt: N.A.	N.A.	02/22/12	Not Encountered
Station: _____ Offset: _____		Hammer Fall: N.A.	N.A.		
Ground Elevation: 532.5 ft		Hammer/Rod Type: _____	_____		
		Rig: Hand Auger	C _u = _____		
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)			Blowfall (N Value)
		TOPSOIL (SM), f.m.c. SAND, Some Silt, Some f.c. Gravel, brown, moist			Moisture Content %
		Hole stopped @ 4.0 ft			Gravel %
		Remarks: Hand Auger HA-101 was attempted two times with 1 foot offset between the two locations. Refusal on cobbles/ c. gravel were encountered at depths of 3.5 feet and at 4.0 feet. Boring log is based upon the deeper attempt.			Sand %
		The description of the classification of the materials is based on USCS criteria that gravel is defined as material retained on a #4 sieve or larger.			Fines %
5					
10					
15					
20					
25					
30					
35					
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 _u 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.					

 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: HA-102	
		Rutland Bridge Replacement 23828.1000.32000		Page No.: 1 of 1 Pin No.: BRF 3000(16) Checked By: J. MacGregor	
Boring Crew: M. Blakely, D. Spielvogel		Casing	Sampler	Groundwater Observations	
Date Started: 2/22/12	Date Finished: 2/22/12	Type: HA	3 in	Date	Depth (ft)
VTSPG NAD83: N 401689.21 ft E 1509773.76 ft		Hammer Wt: N.A.	N.A.	02/22/12	Not Encountered
Station: _____ Offset: _____		Hammer Fall: N.A.	N.A.		
Ground Elevation: 531.4 ft		Hammer/Rod Type: _____	_____		
		Rig: Hand Auger	C _u = _____		
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)			Blowfall (N Value)
		TOPSOIL (SM), f.m.c. SAND, Some Silt, Some f.c. Gravel, brown, moist			Moisture Content %
		Hole stopped @ 5.0 ft			Gravel %
		Remarks: Hand Auger HA-102 was attempted two times with 1 foot offset between the two locations. Refusal on cobbles/ c. gravel were encountered at depths of 3.5 feet and at 5.0 feet. Boring log is based upon the deeper attempt.			Sand %
		The description of the classification of the materials is based on USCS criteria that gravel is defined as material retained on a #4 sieve or larger.			Fines %
5					
10					
15					
20					
25					
30					
35					
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 _u 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.					

 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: HA-103	
		Rutland Bridge Replacement 23828.1000.32000		Page No.: 1 of 1 Pin No.: BRF 3000(16) Checked By: J. MacGregor	
Boring Crew: M. Blakely, D. Spielvogel		Casing	Sampler	Groundwater Observations	
Date Started: 2/22/12	Date Finished: 2/22/12	Type: HA	3 in	Date	Depth (ft)
VTSPG NAD83: N 401560.76 ft E 1509768.43 ft		Hammer Wt: N.A.	N.A.	02/22/12	Not Encountered
Station: _____ Offset: _____		Hammer Fall: N.A.	N.A.		
Ground Elevation: 533.1 ft		Hammer/Rod Type: _____	_____		
		Rig: Hand Auger	C _u = _____		
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)			Blowfall (N Value)
		TOPSOIL (SM), f.m.c. SAND, Some Silt, Some f.c. Gravel, brown, moist			Moisture Content %
		Hole stopped @ 4.5 ft			Gravel %
		Remarks: Hand Auger HA-103 was attempted two times with 1 foot offset between the two locations. Refusal on cobbles/ c. gravel were encountered at depths of 3.0 feet and at 4.5 feet. Boring log is based upon the deeper attempt.			Sand %
		The description of the classification of the materials is based on USCS criteria that gravel is defined as material retained on a #4 sieve or larger.			Fines %
5					
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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 _u 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.					

PROJECT NAME: RUTLAND CITY	PLOT DATE: 03-JUL-2014
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FILE NAME: s94J092bor.dgn	CHECKED BY: EVANS-MONGEON
DESIGNED BY: EVANS-MONGEON	SHEET 160 OF 245
BORING LOG SHEET 8	