

TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 01

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) Description



Estimated Seasonal High Water Table @

26 Inches. Refusal @

Observed Water Table @ None Inches.

Restrictive @ None Percolation Rate = N/A Minutes/Inch @

Inches.

Inches 24-44 Inches

Roots @

Inches.

Notes:

Test Pit #: 02

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)

Description

4-0 Forest mat

0-4

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-18

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

18-24

2.5Y5/6, Light olive brown, loamy sand, granular, friable

24-48

2.5Y5/3, Olive with redoximorphic features, loamy sand, granular, friable

Estimated Seasonal High Water Table @

24 Inches.

Observed Water Table @

40 Inches.

Restrictive @ None

Inches.

Refusal @

Inches

Percolation Rate = N/A Minutes/Inch @

48 Inches Roots @

36 Inches.

Notes:

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TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 03

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) Description

> 4-0 Forest mat

0-4 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-26 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

26-72 2.5Y5/6, Light olive brown, lo ly sand, granular, friable

ter Table @

Inches.

Observed Water Table @

Inches.

Restrictiv Percolation

Inches.

Refusal @ None

26

Inches

Notes:

Minutes/Inch @

Inches

Roots @

30 Inches.

Test Pit #: 04

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) Description

> 4-0 Forest mat

0-2 7.5YR5/2, Brown, loamy sand, granular, friable

2-04 7.5YR3/3, Brown, loamy sand, granular, friable

4-24 10YR4/6, Dark yellowish brown, loamy sand, granular, friable

24-58 2.5Y5/3, Olive with redoximorphic features, loamy sand, granular, friable

Estimated Seasonal High Water Table @

24 Inches. Observed Water Table @

55 Inches.

Restrictive @ None Percolation Rate = N/A Minutes/Inch @

Inches.

Refusal @ 58 Inches Inches

Roots @

Inches.

Notes:



TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 05

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)	<u>Description</u>
3-0	Forest mat
0-4	10YR3/2, Very dark grayish brown, loamy sand, granular, friable
4-18	10YR4/6, Dark yellowish brown, loamy sand, granular, friable
18-27	2.5Y5/6, Light olive brown, loamy sand, granular, friable
27-72	2.5Y5/3, Olive with redoximorphic features, sand, granular, friable

Estimated Seasonal High Water Table @ 27 Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ 30 Inches. Percolation Rate = N/A Minutes/Inch @ Inches
Notes:

Test Pit #: 06

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

]	Depth (in.)	Description
	3-0	Forest mat
	0-3	10YR3/2, Very dark grayish brown, loamy sand, granular, friable
	3-14	10YR5/6, Yellowish brown, loamy sand, granular, friable
	14-22	2.5Y5/6, Light olive brown, loamy sand, granular, friable
	22-72	2.5Y5/3, Olive with redoximorphic features, sand, granular, friable

Estimated Seasonal High Water Table @ 22 Inches. Observed Water Table @ 40 Inches.

Restrictive @ None Inches. Refusal @ None Inches Roots @ 24 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

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Witnessed By:

TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 07	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:	Date: 12/18/03	
Depth (in.)	Description		
3-0	Forest mat		
0-3	10YR3/2, Very dark grayish brown, loamy sand,	granular, friable	
3-20	10YR5/6, Yellowish brown, loamy sand, granula	ır, friable	
20-30	2.5Y5/6, Light olive brown, loamy sand, granula	r, friable .	
30-72	2.5Y5/3, Olive with redoximorphic features, loan	my sand, massive, firm	

Estimated Seasona	al High	Water Table @	30	Inches.	Observed V	Vater Table @	36	Inches.
Restrictive @	30	Inches.	Refusal @	None	Inches	Roots @	32	Inches.
Percolation Rate =	N/A	Minutes/Inch @	0)	Inches				
Notes:								

Date: 12/18/03

Test Pit #: 08	Evaluated By-	John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
restrict. Vo	Evaluated by.	John F. Hayes, III, SSA	Designer, 1407	200 140* 02-0910

Depth (in.)	Description
0-4	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
4-28	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
28-70	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 28 Inches. Observed Water Table @ None Inches.

Restrictive @ 28 Inches. Refusal @ None Inches Roots @ 30 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:



TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 09

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)

Description

0-4

Forest mat

4-28

10YR3/3, Dark brown, loamy sand, granular, friable

28-54

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

28

Estimated Seasonal High Water Table @

Inches.

Observed Water Table @ None Inches.

Restrictive @ None

Inches.

Refusal @ None Inches

Percolation Rate = N/A Minutes/Inch @

Inches

Roots @ 30 Inches.

Notes: Refusal varies from 38-54".

Test Pit #: 10

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)

Description

0-4

Forest mat

4-22

10YR3/2, Very dark grayish brown, loamy sand, granular, friable

22-28

2.5Y5/2, Olive gray, loamy sand, granular, friable

28-52

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ Restrictive @

28 Inches. Refusal @

Observed Water Table @ 48 Inches. Roots @ 30 Inches.

None Percolation Rate = N/A Minutes/Inch @ Notes:

Inches.

52 Inches

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30-64

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TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test Pit #: 11	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810		
	Witnessed By:	Date: 12/18/03			
Depth (in.)	Description				
4-0					
0-4 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable					
4-22	10YR4/6, Dark yellowish brown, fine sandy loam, g	ranular, friable			
22-30	2.5Y5/6, Light olive brown, loamy sand, granular, fr	iable			

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High	30	inches.	Observed Wa	iter Table @	. 57	Inches.	
Restrictive @ None	Inches.	Refusal @	64	Inches	Roots @	30	Inches.
Percolation Rate = N/A	Minutes/Inch (a)	Inches				
Notes:							

Test Pit #: 12	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:	Date: 12/18/03	
Depth (in.)	Description		
4-0	Forest mat		
0-4	10YR3/2, Very dark grayish brown, fine sandy loan	ı, granular, friable	

0-4	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
4-17	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
17-29	2.5Y5/6, Light olive brown, loamy sand, granular, friable
29-70	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 29 Inches. Observed Water Table @ 60 Inches. None Inches Roots @ 30 Inches. Restrictive @ None Inches. Refusal @ Percolation Rate = N/A Minutes/Inch @ Inches





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 13

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) 0-6	Description 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
6-20	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
20-28	2.5Y5/6, Light olive brown, loamy sand, granular, friable
28-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 28 Inches. Observed Water Table @ None Inches.

Restrictive @ None Inches. Refusal @ None Inches Roots @ 30 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 14

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)

Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-18

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

18-24

2.5Y5/6, Light olive brown, loamy sand, granular, friable

24-72

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 24 Inches. Observed Water Table @ None Inches.

Restrictive @ None Inches. Refusal @ None Inches Roots @ 26 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches



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TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 15

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)

Description

Estimated Seasonal High Water Table @ <15 Inches. Observed Water Table @ 20 Inches. Restrictive @ 18 Inches. Refusal @ None Inches Roots @ Inches. Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 16

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) 0-4 Description

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-16

10YR5/4, Yellowish brown, fine sandy loam, granular, friable

16-24

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

24-60

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 16 Inches. Observed Water Table @ 24 Inches.

Restrictive @ 24 Inches. Refusal @ None Inches Roots @ 22 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches





TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test	Pit	#:	17

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.)	Description
0-4	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
4-20	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
20-24	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
24-65	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 20 Inches. Observed Water Table @ Inches. Restrictive @ 24 Inches. Refusal @ None Inches Roots @ 20 Inches. Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 18

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) 0-5

Description

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-18

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

18-22

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

22-72

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 22

18 Inches. Observed Water Table @ S 22 Inches.

Restrictive @ Percolation Rate = N/A Minutes/Inch @

Inches.

Refusal @ None Inches Inches

Roots @ 22 Inches. JUL 21 2014

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test	Pit	#:	19
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Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth	(in.)	D

Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-20

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

20-24

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

24-72

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal Hi	gh Water Table @	20	Inches.	Observed	Water Table @	24	Inches.
Restrictive @ 24	Inches.	Refusal @	None	Inches	Roots @	24	Inches.
Percolation Rate = N/	A Minutes/Inch (@	Inches				
Notes:							

Test Pit #: 20

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) 0-5 Description

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-24

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

24-30

2.5Y5/6, Light olive brown, loamy sand, massive, friable

30-80

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 30 Inches. Observed Water Table @ 63 Inches. Restrictive @ Inches. 30 Refusal @ None Inches Roots @ 30 Inches. Percolation Rate = N/A Minutes/Inch @ Inches





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 21

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/18/03

Depth (in.) 0-5	Description 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-20	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
20-28	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
28-64	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Inches. Observed Water Table @ None Inches. Estimated Seasonal High Water Table @ 28 Roots @ 30 Inches. Restrictive @ None Inches. Refusal @ None Inches Percolation Rate = N/A Minutes/Inch @ Inches Notes:

Test Pit #: 22

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) 0 - 5

Description

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-18

2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

18-20

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

20-64

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 18 Inches. Observed Water Table @ 20 Inches. Restrictive @ Inches. Refusal @ None 20 Percolation Rate = N/A Minutes/Inch @ Inches

Notes:



Inches.



TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 23	Evaluated By: John P. Hayes, III, SSA Witnessed By:	Designer: 1407 Date: 12/19/03	Job No. 03-0810
Depth (in.)	<u>Description</u>		
0-5	10YR3/2, Very dark grayish brown, fine sandy loam	, granular, friable	
5-18	2.5Y5/6, Light olive brown, fine sandy loam, granule	ar, friable	
18-22	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, friable	
22-72	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, firm	

Estimated Seasons	al High	Water Table @	18	Inches.	Observed '	Water Table @	22	Inches.
Restrictive @	22	Inches.	Refusal @	None	Inches	Roots @	24	Inches.
Percolation Rate =	= N/A	Minutes/Inch (2)	Inches				
Notes:								

Test Pit #: 24

Evaluated By: John P. Hayes, III, SSA

Designer: 1407 Joh

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) De

Description

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-24

0-4

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

24-65

2.5Y5/3, Olive with redoximorphic features, loamy sand, granular, friable

Estimated Seasonal High Water Table @ 24 Inches. Observed Water Table @ None Inches.

Restrictive @ None Inches. Refusal @ None Inches Roots @ 24 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Tact	Pit #.	25

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) 0-6	Description 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
6-18	10YR4/4, Dark yellowish brown, fine sandy loam, granular, friable
18-24	2.5Y5/4, Light olive brown, loamy sand, granular, friable
24-30	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
30-70	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasona	ıl High	Water Table @	24	I	nches.	Observed	Water Table @	39	Inches.
Restrictive @	30	Inches.	Refusal	(a)	None	Inches	Roots @	30	Inches.
Percolation Rate =	N/A	Minutes/Inch @	D)		Inches		0		
Notes:									

Test Pit #: 26

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) Description

0-6 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

6-22 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

22-36 2.5Y5/6, Light olive brown, loamy sand, granular, friable

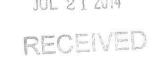
36-80 2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 36 Inches. Observed Water Table @ 70 Inches.

Restrictive @ None Inches. Refusal @ None Inches Roots @ 40 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 27	Evaluated By: John P. Hayes, III, SSA	Designer: 1407 Job No. 03-0	810				
	Witnessed By:	Date: 12/19/03					
Depth (in.)	Description						
0-5	10YR3/2, Very dark grayish brown, fine sandy loan	n, granular, friable					
5-18	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable						
18-24	2.5Y5/6, Light olive brown, loamy sand, granular, f	riable					
4-28	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, friable					
28-72	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, firm					

Estimated Seasonal 1	High '	Water Table @	24	Inches.	Observed	Water Table @	28	Inches.
Restrictive @ 2	8	Inches.	Refusal @) None	Inches	Roots @	24	Inches.
Percolation Rate = 1	N/A	Minutes/Inch @	0	Inches				
Notes:								

Test Pit #: 28	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:	Date: 12/19/03	

Depth (in.)	Description
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-19	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
19-25	2.5Y5/6, Light olive brown, loamy sand, granular, friable
25-80	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 25 Inches. Observed Water Table @ 40 Inches. Restrictive @ 25 Inches. Refusal @ None Inches Roots @ 25 Inches. Percolation Rate = N/A Minutes/Inch @ Inches





30-72

Notes:

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TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test	Pit #: 29	Evaluated By: John P. Hayes, III, SSA Witnessed By:	Designer: 1407 Date: 12/19/03	Job No. 03-0810
	Depth (in.) 0-5	Description 10YR3/2, Very dark grayish brown, fine sandy loa	m, granular, friable	
	5-18	10YR4/6, Dark yellowish brown, fine sandy loam,	granular, friable	
	18-30	2.5Y5/6, Light olive brown, loamy sand, granular,	friable	
	30-34	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, friable	
	34-72	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, firm	

Estimated Season	al High	Water Table @	30	Inches.	Observed V	Vater Table @	60	Inches.
Restrictive @	34	Inches.	Refusal @	None	Inches	Roots @	36	Inches.
Percolation Rate	= N/A	Minutes/Inch (D)	Inches				
Notes:								

Test Pit #: 30	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:	Date: 12/19/03	
Depth (in.)	Description		
0-5	10YR3/2, Very dark grayish brown, fine sandy loan	n, granular, friable	
5-20	10YR4/6, Dark yellowish brown, fine sandy loam, g	ranular, friable	
20-26	2.5Y5/6, Light olive brown, loamy sand, granular, fi	riable	
26-30	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, friable	

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 26 Inches. Observed Water Table @ 40 Inches.

Restrictive @ 30 Inches. Refusal @ None Inches

Percolation Rate = N/A Minutes/Inch @ Inches

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32-80

Environmental Consultants Specializing in Wetland Science, Soil Science Subsurface Sewage Disposal & Environmental Planning

TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 31	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:	Date: 12/19/03	
Depth (in.)	<u>Description</u>		
0-5	10YR3/2, Very dark grayish brown, fine sandy loar	n, granular, friable	
5-16	10YR4/6, Dark yellowish brown, fine sandy loam, g	ranular, friable	
16-27	2.5Y5/6, Light olive brown, loamy sand, granular, fi	riable	
27-32	2.5Y5/3, Olive with redoximorphic features, loamy	sand, massive, friable	

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal	High	Water Table @	27	Inches.	Observed '	Water Table @	32	Inches.
Restrictive @	32	Inches.	Refusal @	None	Inches	Roots @	30	Inches.
Percolation Rate =	N/A	Minutes/Inch @	0)	Inches				
Notes:								

Test Pit #: 32	Evaluated By: Joh	hn P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:		Date: 12/19/03	

Depth (in.)	Description
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-17	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
17-24	2.5Y5/6, Light olive brown, loamy sand, granular, friable
24-27	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
27-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High	Water Table @	24	inches.	Observed V	Water Table @	27	Inches.
Restrictive @ 27	Inches.	Refusal @	None	Inches	Roots @	30	Inches.
Percolation Rate = N/A	Minutes/Inch (r)	Inches				
Notes:							





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 33

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)	<u>Description</u>
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-12	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
12-22	2.5Y5/6, Light olive brown, loamy sand, granular, friable
22-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 22 Inches. Observed Water Table @ None Inches.

Restrictive @ 22 Inches. Refusal @ None Inches Roots @ 20 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 34

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) Description

Notes:

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-14 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

14-20 2.5Y5/6, Light olive brown, loamy sand, granular, friable

20-60 2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 20 Inches. Observed Water Table @ None Inches.

Restrictive @ 20 Inches. Refusal @ None Inches | A Roots @ 24 Inches

Percolation Rate = N/A Minutes/Inch @

Inches

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TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test Pit #: 35

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)

Description

0-4

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-26

10YR5/6, Yellowish brown, loamy sand, granular, friable

26-78

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

26

Estimated Seasonal High Water Table @

Inches.

Observed Water Table @ None Inches.

Restrictive @ 26 Percolation Rate = N/A Minutes/Inch @

Inches.

Refusal @ None Inches

Inches

Roots @

Inches.

Notes:

Test Pit #: 36

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)

Description

0 - 4

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-26

10YR5/6, Yellowish brown, loamy sand, granular, friable

26-72

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @

26 Inches. Observed Water Table @

55 Inches.

Restrictive @ 26 Percolation Rate = N/A

Inches.

Minutes/Inch @

Refusal @ None Inches

Inches

Roots @

30 Inches.



TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 37

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)	Description
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-18	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
18-24	2.5Y5/6, Light olive brown, loamy sand, granular, friable

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 24 Inches. Observed Water Table @ None Inches.

Restrictive @ 24 Inches. Refusal @ None Inches Roots @ 24 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 38

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)

24-70

Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-14

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

14-24

2.5Y5/6, Light olive brown, loamy sand, granular, friable

24-70

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 24 Inches. Observed Water Table @ 24 Inches.

Restrictive @ 24 Inches. Refusal @ None Inches Roots @ 24 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:



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TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 39

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.)

Description

Estimated Seasonal High Water Table @ None Inches. Observed Water Table @ None Inches.

Restrictive @ None Inches. Refusal @ 34 Inches Roots @ Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 40

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.)	Description
3-0	Forest mat
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-24	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
24-28	2.5Y5/6, Light olive brown, loamy sand, granular, friable
28-60	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @

28 Inches.

Observed Water Table @ None Inches.

Restrictive @ 28

Inches.

Refusal @ None

Inches

Roots @ 30 Inches.

Percolation Rate = N/A Minutes/Inch @ Notes: Many large boulders and stones

Inches





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 41	Evaluated By: John P. Hayes, III, SSA	Designer: 1407 Job No. 03-0810		
	Witnessed By:	Date: 12/22/03		

Depth (in.) 3-0	<u>Description</u> Forest mat
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-25	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
25-29	2.5Y5/6, Light olive brown, loamy sand, granular, friable
29-60	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High	Water Table @	29	Inches.	Observed V	Water Table @	None	Inches.
Restrictive @ 29	Inches.	Refusal @	None	Inches	Roots @	30	Inches.
Percolation Rate = N/A	Minutes/Inch (a)	Inches				
Notes: Many large bou	lders and stones.				•		

Test Pit #: 42 Evaluated By: John P. Hayes, III, SSA Designer: 1407 Job No. 03-0810	Test Pit #: 42	Evaluated By:	John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
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Witnessed By:	Date:	12/22/03

Depth (in.)	Description
4-0	Forest mat
0-4	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
4-26	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
26-30	2.5Y5/6, Light olive brown, loamy sand, granular, friable
30-60	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High	Water Table @	30	Inches.	Observed Water Table @ None Inches.
Restrictive @ None	Inches.	Refusal @	None	Observed Water Table @ None Inches. Inches AND Roots @ 30 Inches.
Percolation Rate = N/A	Minutes/Inch @	D)	Inches	
Notes:				HIL 21 2014





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

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Tool	D:4	4.	42
Test	rII	## :	4.3

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.) .	<u>Description</u> Forest mat
0-4	10YR3/2, Very dark grayish brown, loamy sand, granular, friable
4-24	10YR4/6, Dark yellowish brown, loamy sand, granular, friable
24-30	2.5Y5/6, Light olive brown, loamy sand, granular, friable
30-55	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
55-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @			30	Inches.	Observed V	Vater Table @	None	Inches.
Restrictive @	55	Inches.	Refusal @	None	Inches	Roots @	30	Inches.
Percolation Rate = N/A Minutes/Inch (<u>a</u>)	Inches					
Notes:								

Test Pit #: 44

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.)	Description
4-0	Forest mat
0-5	10YR3/2, Very dark grayish brown, loamy sand, granular, friable
5-21	10YR4/6, Dark yellowish brown, loamy sand, granular, friable
21-28	2.5Y5/6, Light olive brown, loamy sand, granular, friable
28-48	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
48-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 28 Inches. Observed Water Table @ None Inches.

Restrictive @ 48 Inches. Refusal @ None Inches Roots @ 36 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 45

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.)	<u>Description</u>
4-0	Forest mat
0-5	10YR3/2, Very dark grayish brown, loamy sand, granular, friable .
5-18	10YR4/6, Dark yellowish brown, loamy sand, granular, friable
18-30	2.5Y5/6, Light olive brown, loamy sand, granular, friable
30-55	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable
55-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 30 Inches. Observed Water Table @ None Inches.

Restrictive @ 55 Inches. Refusal @ None Inches Roots @ 48 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 46

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.)

Description

0-5 10YR3/2

10YR3/2, Very dark grayish brown, loamy sand, granular, friable

5-18

10YR4/6, Dark yellowish brown, loamy sand, granular, friable

18-30

2.5Y5/6, Light olive brown, loamy sand, granular, friable

30-65

2.5Y5/3, Olive with redoximorphic features, loamy sand, blocky, firm

Estimated Seasonal High Water Table @ 30 Inches.

Restrictive @ 30 Inches.

Refusal @ None
Percolation Rate NA Minutes/Inches
Notes:

Observed Water Table @ None Inches. Inches Roots @ 30 Inches.

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TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test Pit #: 47

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)	<u>Description</u>
0-5	10YR3/2, Very dark grayish brown, loamy sand, granular, friable
5-22	10YR4/6, Dark yellowish brown, loamy sand, granular, friable
22-36	2.5Y5/6, Light olive brown, loamy sand, granular, friable

2.5Y5/3, Olive with redoximorphic features, loamy sand, blocky, firm

Observed Water Table @ None Inches. Estimated Seasonal High Water Table @ 36 Inches. 36 Inches. Restrictive @ 36 Inches. Refusal @ None Inches Roots @ Percolation Rate = N/A Minutes/Inch @ Inches Notes:

Test Pit #: 48

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03.

Depth (in.)

36-72

Description

Estimated Seasonal High Water Table @ Observed Water Table @ None Inches. None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ Inches. Percolation Rate = N/A Minutes/Inch @







TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test Pit #: 49

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) Description

> Estimated Seasonal High Water Table @ None Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ Percolation Rate = N/A Minutes/Inch @

Notes:

Inches

Inches.

Test Pit #: 50

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)

Description

Estimated Seasonal High Water Table @ Restrictive @ None

None Inches. Refusal @

Inches

Observed Water Table @ None Inches. Roots @

Inches.

Percolation Rate = N/ANotes:

Inches. Minutes/Inch @

None Inches

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TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 51

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.) Description

Estimated Seasonal High Water Table @ None Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ Inches. Percolation Rate = N/A Minutes/Inch @ Inches Notes:

Test Pit #: 52

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)

Description

0-5

10YR3/3, Dark brown, fine sandy loam, granular, friable

5-20

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

20-24

2.5Y5/6, Light olive brown, loamy sand, granular, friable

24-62

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 24 Inches. Observed Water Table @ None Inches.

Restrictive @ 24 Inches. Refusal @ None Inches Roots @ 30 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 53

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/22/03

Depth (in.)	Description		
0-5	10YR3/3 D		

5-16

10YR3/3, Dark brown, fine sandy loam, granular, friable

16-22 2.5Y5/6, Light olive brown, loamy sand, granular, friable

22-62 2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

Estimated Seasonal High Water Table @ 22 Inches. Observed Water Table @ None Inches.

Restrictive @ 22 Inches. Refusal @ None Inches Roots @ 24 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:

Test Pit #: 54

Evaluated By: John P. Hayes, III, SSA

Designer: 1407 Job No

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/22/03

Depth (in.) Description

0-4

3-0 Forest mat

10YR3/3, Dark brown, fine sandy loam, granular, friable

4-24 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

24-64 2.5Y4/3, Olive brown with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 24 Inches. Observed Water Table @ 65 Inches.

Restrictive @ None Inches. Refusal @ None Inches Roots @ 24 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes: Many stones 24-64 inches.

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TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 55

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/22/03

Depth (in.)	Description
3-0	Forest mat
0-4	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
4-24	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
24-32	2.5Y5/6, Light olive brown, loamy sand, granular, friable
32-56	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 32 Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ 30 Inches. Percolation Rate = N/A Minutes/Inch @ Inches Notes: Refusal varies from 48 to 56 inches.

Test Pit #: 56

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)	Description
3-0	Forest mat
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-22	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
22-30	2.5Y5/6, Light olive brown, loamy sand, granular, friable
30-72	2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 30 Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ 30 Inches. Percolation Rate = N/A Minutes/Inch @ Inches Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test Pit #: 57	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By: Chris Smith	Date: 12/23/03	
Depth (in.)	<u>Description</u>		
2-0	Forest mat		
0-5	10YR3/2, Very dark grayish brown, fine sandy lo	am, granular, friable	
5-25	10YR4/6, Dark yellowish brown, fine sandy loan	ı, granular, friable	
25-28	2.5Y5/6, Light olive brown, loamy sand, granular	, friable	
28-67	2.5Y5/3, Olive with redoximorphic features, loan	ny sand, massive, firm	

Estimated Seasonal High	Water Table @	28	Inches.	Observed W	ater Table @	None	Inches.
Restrictive @ 28	Inches.	Refusal @	None	Inches	Roots @	30	Inches.
Percolation Rate = N/A	Minutes/Inch (D)	Inches				
Notes:							

Test Pit #: 58	Evaluated By:	John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By:	Chris Smith	Date: 12/23/03	

Depth (in.)	<u>Description</u>
0-4	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
4-24	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
24-28	2.5Y5/4, Light olive brown, fine sandy loam, granular, friable
28-62	2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm

Estimated Seasonal High Water Table @ 28 Inches. Observed Water Table @ None Inches. Restrictive @ 28 Inches. Refusal @ None Inches Roots @ Percolation Rate = N/A Minutes/Inch @

Notes:

Inches







TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 59

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By:

Date: 12/19/03

Depth (in.)

Description

0 - 410YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-20

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

20-28

2.5Y5/6, Light olive brown, loamy sand, granular, friable

28-60

2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm

28

Estimated Seasonal High Water Table @ 28

Inches.

Observed Water Table @ None Inches.

Restrictive @

Inches.

Refusal @ None

Percolation Rate = N/A Minutes/Inch @

Inches Inches

Roots @ 26 Inches.

Notes: Many large stones in profile.

Test Pit #: 60

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)

Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-18

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

18-25

2.5Y5/6, Light olive brown, loamy sand, granular, friable

25-60

2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm

Estimated Seasonal High Water Table @ Restrictive @

25 Inches.

Observed Water Table @ None Inches. Inches

25 Percolation Rate = N/A Minutes/Inch @

Inches.

Refusal @ None Inches

Roots @ 24 Inches.

Notes:





25-68

26-72

Environmental Consultants Specializing in Wetland Science, Soil Science Subsurface Sewage Disposal & Environmental Planning

TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 61	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810			
	Witnessed By: Chris Smith	Date: 12/23/03				
Depth (in.)	Description					
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable					
5-20	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable					
20-25	2.5Y5/6, Light olive brown, loamy sand, granular, fr	iable				

2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm

Estimated Season	al High	Water Table @	25	Inches.	Observed '	Water Table @	None	Inches.
Restrictive @	25	Inches.	Refusal @	None	Inches	Roots @	25	Inches.
Percolation Rate	= N/A	Minutes/Inch (Q)	Inches				
Notes:								

Test Pit #: 62	Evaluated By: John P. Hayes, III, SSA Witnessed By: Chris Smith	Designer: 1407 Date: 12/23/03	Job No. 03-0810			
Depth (in.)	<u>Description</u>					
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable					
5-21	10YR4/6, Dark yellowish brown, fine sandy loam	, granular, friable				
21-26	2.5Y5/6, Light olive brown, loamy sand, granular	, friable				

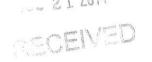
2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm

Estimated Seasonal High Water Table @ 26 Inches. Observed Water Table @ None Inches.

Restrictive @ 26 Inches. Refusal @ None Inches Roots @ 30 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 63

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

> 0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-26 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

26-30 2.5Y5/6, Light olive brown, loamy sand, granular, friable

2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm 30-72

Estimated Seasonal High Water Table @

Inches.

Inches

Observed Water Table @ None Inches.

Restrictive @ 30 Percolation Rate = N/A Minutes/Inch @

Inches.

Refusal @ None

30

Inches

Roots @ 28 Inches.

Notes:

Test Pit #: 64

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)

Description

0-5

Forest mat

5-20

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

20-25

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

25-72

2.5Y5/6, Light olive brown, loamy sand, granular, friable

Estimated Seasonal High Water Table @

25 Inches.

Observed Water Table @ None Inches.

Restrictive @ 25 Percolation Rate = N/A Minutes/Inch @

Inches.

Refusal @ None Inches Inches

Roots @

28 Inches.

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 65

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)	<u>Description</u>
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-20	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
20-26	2.5Y5/6, Light olive brown, loamy sand, granular, friable
26-68	2.5Y5/3, Olive with redoximorphic features, fine sandy loam, massive, firm

Estimated Seasonal High Water Table @ Inches. Observed Water Table @ None Inches. 26 Restrictive @ 26 Inches. Refusal @ None 30 Inches. Inches Roots @ Percolation Rate = N/A Inches Minutes/Inch @ Notes:

Test Pit #: 66

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) 0-5 Description

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-28

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

28-35

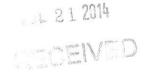
2.5Y5/6, Light olive brown, loamy sand, granular, friable

35-80

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 35 Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ 36 Inches. Percolation Rate = N/A Minutes/Inch @ Inches Notes:







TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 67

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

0-6 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

6-29 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

29-35 2.5Y5/6, Light olive brown, loamy sand, granular, friable

35-80 2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, friable

Estimated Seasonal High Water Table @ 35 Inches. Observed Water Table @ None Inches. Restrictive @ None Inches. Refusal @ None Inches Roots @ 38 Inches. Percolation Rate = N/A Minutes/Inch @ Inches
Notes:

Test Pit #: 68

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-16 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

16-28 2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

28-8 2.5Y6/3, Light yellowish brown with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 28 Inches. Observed Water Table @ None Inches.

Restrictive @ 28 Inches. Refusal @ None Inches Roots @ 30 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches





TEST PIT EVALUATION REPORT ROBERT SHIELDS **GERRIOR DRIVE** NOTTINGHAM, NH

Test Pit #: 69

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)

Description

0-4 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-18

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

30

18-30

2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

30-82

2.5Y6/3, Light yellowish brown with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @

Inches.

Observed Water Table @

Inches.

Restrictive @ 30 Inches.

Refusal @ None Inches

Roots @ Inches. 38

Percolation Rate = N/A Minutes/Inch @

Inches

Notes:

Test Pit #: 70

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

0 - 410YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-16

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

16-28

2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

28-72

2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ 30

30 Inches. Refusal @

Observed Water Table @

72 Inches.

Percolation Rate = N/A Minutes/Inch @

None Inches

Inches

Roots @ 38 Inches.

Notes:

Restrictive @



Inches.



TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 71

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)

Description

0-4

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

4-26

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

26-30

2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

30-60

2.5Y6/3, Light yellowish brown with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @

Inches.

Observed Water Table @ None Inches.

Restrictive @ 30

Inches.

Refusal @ None

30

Inches Roots @

Percolation Rate = N/A Minutes/Inch @

Inches

28 Inches.

Notes: Many large stones and boulders in profile.

Test Pit #: 72

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)

Description

0-5

10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-24

10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

24-30

2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

30-64

2.5Y5/3, Olive with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @

30 Inches. Observed Water Table @ None Inches.

Restrictive @

30 Inches. Refusal @

None Inches

Roots @ 28 Inches.

Percolation Rate = N/A Minutes/Inch @

Inches

Notes: Many large stones and boulders in profile.





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 73

28-70

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.)	Description
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable
5-20	10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable
20-28	2.5Y5/6. Light olive brown, fine sandy loam, granular, friable

2.5Y5/3, Olive with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @ Inches. Observed Water Table @ 36 Inches. Roots @ Restrictive @ 28 Inches. Refusal @ None Inches 28 Inches. Percolation Rate = N/A Minutes/Inch @ Inches Notes:

Inches.

Inches

Test Pit #: 74

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

> 0 - 510YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-22 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

22-30 2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

30-78 2.5Y5/3, Olive with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @ 30 Restrictive @ 30 Inches. Refusal @ Percolation Rate = N/A Minutes/Inch @ Notes:

Observed Water Table @ None Inches. None Inches

Roots @ 26 Inches.





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 75

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-18 10YR4/6, Dark yellowish brown, fine sandy loam, granular, friable

18-26 2.5Y5/6, Light olive brown, fine sandy loam, granular, friable

26-65 2.5Y5/3, Olive with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @ 26 Inches. Obse Restrictive @ 26 Inches. Refusal @ None Inches

Observed Water Table @ None Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

one Inches Roots @ 26 Inches.

Notes:

Test Pit #: 76

Evaluated By: John P. Hayes, III, SSA

Designer: 1407

Job No. 03-0810

Witnessed By: Chris Smith

Date: 12/23/03

Depth (in.) Description

0-5 10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable

5-20 7.5YR5/6, Strong brown, fine sandy loam, granular, friable

20-28 2.5Y5/6, Light olive brown, loamy sand, granular, friable

28-60 2.5Y5/3, Olive with redoximorphic features, loamy sand, massive, firm

Estimated Seasonal High Water Table @ Restrictive @ 28 Inches.

28 Inches. Refusal @ None Observed Water Table @ None Inches.

Percolation Rate = N/A

Minutes/Inch @

None Inches

Inches Roots @

24 Inches.

Notes:





TEST PIT EVALUATION REPORT ROBERT SHIELDS GERRIOR DRIVE NOTTINGHAM, NH

Test Pit #: 77	Evaluated By: John P. Hayes, III, SSA	Designer: 1407	Job No. 03-0810
	Witnessed By: Chris Smith	Date: 12/23/03	
Depth (in.)	<u>Description</u>		
0-5	10YR3/2, Very dark grayish brown, fine sandy loam, granular, friable		
5-22	7.5YR5/6, Strong brown, fine sandy loam, granular, friable		
22-34	2.5Y5/6, Light olive brown, loamy sand, granular, friable		
34-80	2.5Y5/3, Olive with redoximorphic features, loamy s	and, massive, firm	

Estimated Seasonal High Water Table @ 34 Inches. Observed Water Table @ None Inches.

Restrictive @ 34 Inches. Refusal @ None Inches Roots @ 36 Inches.

Percolation Rate = N/A Minutes/Inch @ Inches

Notes:



