



**TEST PIT EVALUATION REPORT**  
**Mallego Road, Tax Map 239, Lot 34&35**  
**Barrington, New Hampshire**

File No. 04.0191442.00

Evaluated by: James H. Long, CSS

Designer: 988

Date: 7/29/22

Test Pit No. 1

NOTES: Top soil removed

Depth (inches)	Description
0-24	10YR5/6 Yellowish brown, fine sandy loam, granular, friable
24-40	10YR5/4 Yellowish brown, coarse sand, single grain, loose
40-60	10YR6/4 Light yellowish brown, cobbly gravelly course sand, single grain, loose

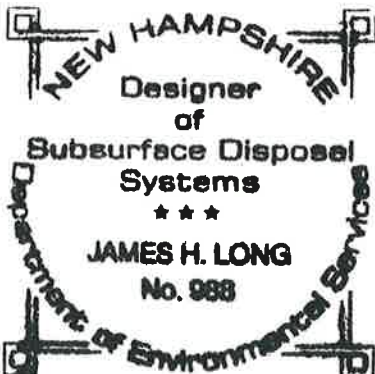
Estimated Seasonal High Water Table @	none	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	30	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

Test Pit No. 2

NOTES: Top soil removed

Depth (inches)	Description
0-20	10YR5/6 Yellowish brown, gravelly loamy sand, granular, friable
20-40	10YR5/4 Yellowish brown, sand, single grain, loose
40-62	10YR6/4 Light yellowish brown, fine sand, granular, friable

Estimated Seasonal High Water Table @	none	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	36	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			





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Test Pit No. 3

NOTES: Top soil removed

Depth (inches)	Description
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0-26	10YR5/6 Yellowish brown, fine sandy loam, granular, friable
26-38	10YR5/4 Yellowish brown, loamy sand, granular, friable
38-62	2.5Y5/4 Light olive brown, cobbly gravelly course sand, single grain, loose

Estimated Seasonal High Water Table @	none	inches	Observed Water Table @	62	inches
Restrictive @	none	inches	Roots @	30	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

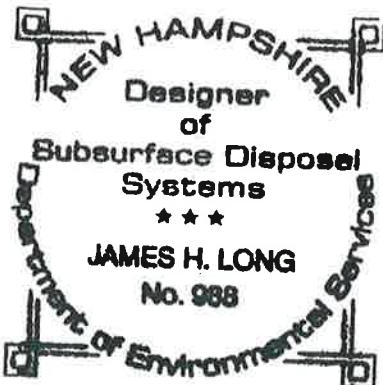
Test Pit No. 4

NOTES:

Depth (inches)	Description
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0-4	10YR4/4 Dark yellowish brown, fine sandy loam, granular, friable
4-18	10YR6/4 Light yellowish brown, very fine sand, granular, friable
18-32	10YR6/4 Light yellowish brown, fine sand, granular, friable
32-62	2.5Y5/4 Light olive brown, very fine sand, granular, friable

Estimated Seasonal High Water Table @	32	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	16	inches
Refusal @	none	inches			
Percolation Rate =	5	Minutes / Inch @ 32			





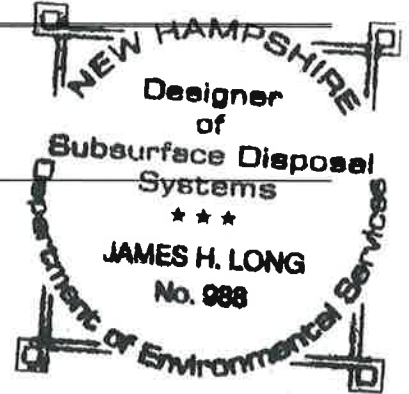
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Test Pit No.	5	NOTES:
Depth (inches)	Description	
^0-6	2.5Y3/3 Dark olive brown, gravelly loamy sand, granular, friable	
6-18	10YR4/3 Brown, gravelly sand, single grain, loose	
18-30	10YR5/4 Yellowish brown, sand, single grain, loose	
30-62	2.5Y5/3 Light olive brown, sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features	



Estimated Seasonal High Water Table @	30	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	20	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

Test Pit No.	6	NOTES:
Depth (inches)	Description	
^0-8	2.5Y3/3 Dark olive brown, gravelly loamy sand, granular, friable	
8-24	2.5Y4/4 Olive brown, cobbly gravelly loamy sand, single grain, loose	
24-36	2.5Y5/4 Light olive brown, cobbly gravelly loamy sand, single grain, loose	
36-60	2.5Y5/3 Light olive brown, cobbly gravelly loamy sand, single grain, loose, with 2.5Y6/2 Light olive brown and 7.5YR4/6 Strong brown redoximorphic features	



Estimated Seasonal High Water Table @	36	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	16	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 32			



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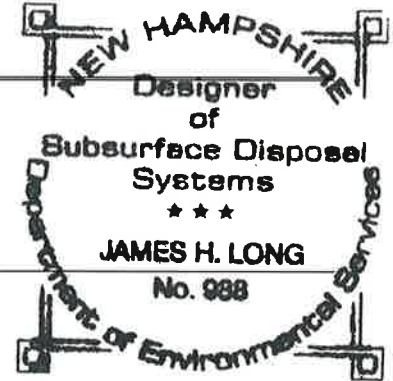
Test Pit No. 7

NOTES:

Depth (inches)	Description
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^0-4	2.5Y3/3 Dark olive brown, gravelly loamy sand, granular, friable
4-16	10YR4/4 Dark yellowish brown, gravelly sand, single grain, loose
16-32	10YR5/3 Brown, gravelly sand, single grain, loose with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features
32-60	2.5Y5/3 Light olive brown, coarse sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features

Estimated Seasonal High Water Table @	16	inches	Observed Water Table @	54	inches
Restrictive @	none	inches	Roots @	20	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 32			



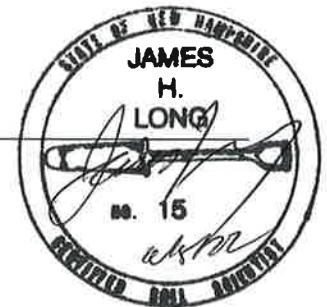
Test Pit No. 8

NOTES:

Depth (inches)	Description
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^0-8	2.5Y5/3 Light olive brown, gravelly loamy sand, granular, friable
8-24	2.5Y5/4 Light olive brown, gravelly loamy sand, single grain, loose
24-40	2.5Y5/4 Light olive brown, sand, single grain, loose
40-54	2.5Y5/3 Light olive brown, sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features

Estimated Seasonal High Water Table @	40	inches	Observed Water Table @	54	inches
Restrictive @	none	inches	Roots @	16	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			





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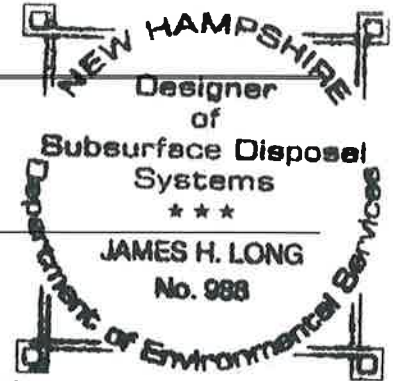
Evaluated by: James H. Long, CSS Designer: 988

Date: 7/29/22

Test Pit No. 9 NOTES: In pit

Depth (inches) Description

^0-12	2.5Y3/3 Dark olive brown, loamy fine sand, granular, friable
12-24	2.5Y5/4 Light olive brown, gravelly loamy sand, single grain, loose
24-44	2.5Y6/4 Light yellowish brown, gravelly loamy sand, single grain, loose
44-88	2.5Y6/3 Light yellowish brown, coarse sand, single grain, loose



Estimated Seasonal High Water Table @	44	inches	Observed Water Table @	84	inches
Restrictive @	none	inches	Roots @	16	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

Test Pit No. 10 NOTES: In pit

Depth (inches) Description

^0-6	2.5Y3/3 Dark olive brown, fine sandy loam, granular, friable
6-30	2.5Y5/4 Light olive brown, cobbly gravelly coarse sand, single grain, loose
30-60	2.5Y6/3 Light yellowish brown, cobbly gravelly coarse sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features



Estimated Seasonal High Water Table @	30	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	20	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

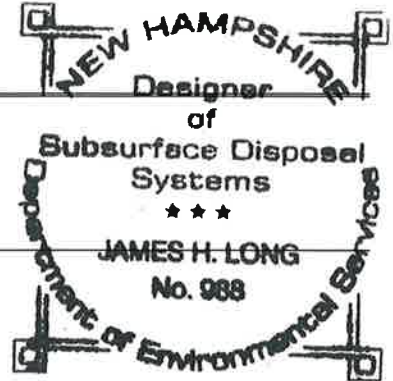


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Test Pit No. 11      NOTES:

Depth (inches)      Description

0-4	2.5Y3/3 Dark olive brown, fine sandy loam, granular, friable
4-32	2.5Y5/4 Light olive brown, fine sand, granular, friable
32-56	2.5Y5/3 Light olive brown, sand, single grain, loose
	2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features
56-66	2.5Y5/3 Light olive brown, fine sand, granular, friable, with
	2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features

Estimated Seasonal High Water Table @	32	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	20	inches
Refusal @	none	inches			
Percolation Rate =	3	Minutes / Inch @ 30			

Test Pit No. 12      NOTES:

Depth (inches)      Description

0-12	10YR5/4 Dark grayish brown, gravelly sand, single grain, loose
12-40	2.5Y5/3 Yellowish brown, gravelly sand, single grain, loose, with
	2.5Y6/2 Light brownish gray and 7.5YR5/6 Strong brown redoximorphic features
40-48	7.5YR4/4 Brown, sand, single grain, loose with
	7.5YR 4/6 Strong brown redoximorphic features



Estimated Seasonal High Water Table @	12	inches	Observed Water Table @	36	inches
Restrictive @	none	inches	Roots @	16	inches
Refusal @	48	inches			
Percolation Rate =	3	Minutes / Inch @ 30			



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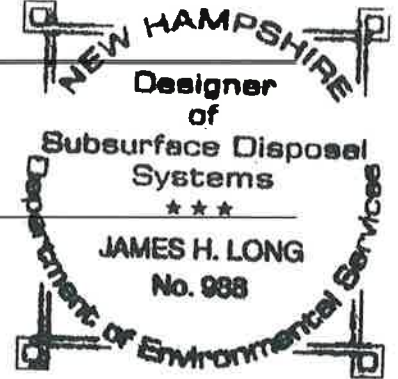
Date: 7/29/22

Test Pit No. 12

NOTES: Up slope near bank from TP 12A

Depth (inches)      Description

2-0	Forest mat
0-4	10YR3/3 Dark brown, loamy fine sand, granular, friable
4-32	10YR4/6 Dark yellowish brown, gravelly loamy sand, granular, friable
32-72	10YR4/4 Dark yellowish brown, cobbly gravelly coarse sand, single grain, loose



Estimated Seasonal High Water Table @	none	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	40	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

Test Pit No. 13

NOTES:

Depth (inches)      Description

0-32	10YR5/4 Yellowish brown, gravelly coarse sand, single grain, loose
32-60	2.5Y5/3 Light olive brown, sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features



Estimated Seasonal High Water Table @	32	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	12	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			



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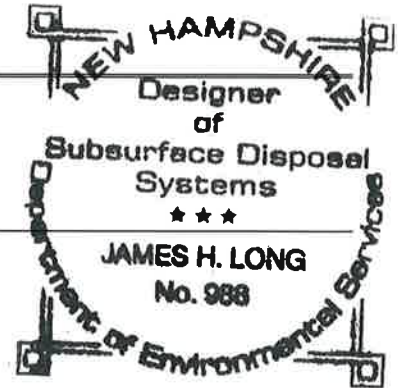
Evaluated by: James H. Long, CSS Designer: 988

Date: 7/29/22

Test Pit No. 14 NOTES: Edge of pit

Depth (inches) Description

0-4	10YR3/3 Dark brown, fine sandy loam, granular, friable
4-16	10YR5/4 Yellowish brown, gravelly loamy sand, granular, friable
16-48	10YR5/4 Yellowish brown, gravelly loamy sand, single grain, loose
48-62	2.5Y5/4 Light olive brown, gravelly loamy sand, single grain, loose



Estimated Seasonal High Water Table @	none	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	24	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

Test Pit No. 15 NOTES:

Depth (inches) Description

2-0	Forest mat
0-4	10YR3/3 Dark brown, fine sandy loam, granular, friable
4-30	10YR4/6 Dark yellowish brown, loamy fine sand, granular, friable
30-60	2.5Y5/4 Light olive brown, gravelly sand, single grain, loose



Estimated Seasonal High Water Table @	60	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	28	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			





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<b>Test Pit No.</b>	16	<b>NOTES:</b>	
<b>Depth (inches)</b>	<b>Description</b>		
2-0	Forest mat		
0-4	10YR3/3 Dark brown, fine sandy loam, granular, friable		
4-18	10YR4/6 Dark yellowish brown, loamy sand, granular, friable		
18-48	10YR5/4 Yellowish brown, sand, single grain, loose		
48-60	2.5Y5/3 Light olive brown, fine sand, granular, friable, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features		

Estimated Seasonal High Water Table @	48	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	32	inches
Refusal @	60	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

<b>Test Pit No.</b>	17	<b>NOTES:</b>	
<b>Depth (inches)</b>	<b>Description</b>		
2-0	Forest mat		
0-4	10YR3/3 Dark brown, fine sandy loam, granular, friable		
4-32	10YR5/6 Yellowish brown, fine sandy loam, granular, friable		
32-56	2.5Y5/4 Light olive brown, gravelly coarse sand, single grain, loose		
56-64	2.5Y5/3 Light olive brown, very fine sand, granular, friable, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features		

Estimated Seasonal High Water Table @	56	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	36	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			



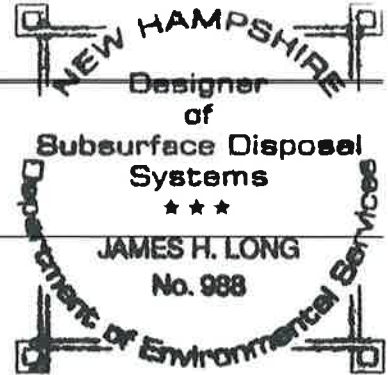
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Test Pit No.	18	NOTES:
Depth (inches)	Description	
2-0	Forest mat	
0-4	10YR3/3 Dark brown, fine sandy loam, granular, friable	
4-32	10YR5/6 Yellowish brown, loamy sand, granular, friable	
32-54	2.5Y5/4 Light olive brown, gravelly coarse sand, single grain, loose	
54-62	2.5Y5/3 Light olive brown, very fine sand, granular, friable, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features	



Estimated Seasonal High Water Table @	54	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	36	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 32			

Test Pit No.	19	NOTES:
Depth (inches)	Description	
^0-6	2.5Y6/3 Light yellowish brown, very fine sand, granular, friable	
6-24	2.5Y5/4 Light olive brown, gravelly coarse sand, single grain, loose	
24-42	10YR5/3 Brown, gravelly coarse sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features	
42-62	2.5Y5/3 Light olive brown, gravelly coarse sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features	



Estimated Seasonal High Water Table @	24	inches	Observed Water Table @	60	inches
Restrictive @	none	inches	Roots @	16	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			



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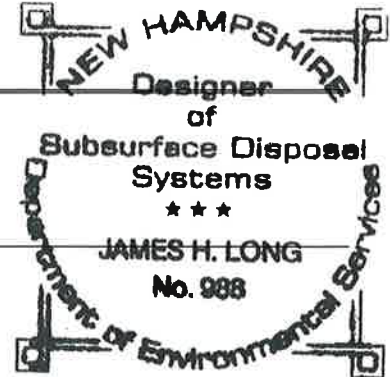
Test Pit No. 20

NOTES: Top soil removed

Depth (inches)      Description

0-16	10YR5/6 Yellowish brown, fine sand, granular, friable
16-24	2.5Y5/4 Light olive brown, sand, single grain, loose
24-64	2.5Y5/3 Light olive brown, gravelly coarse sand, single grain, loose 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features

Estimated Seasonal High Water Table @	24	inches	Observed Water Table @	60	inches
Restrictive @	none	inches	Roots @	12	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			



Test Pit No. 21

NOTES:

Depth (inches)      Description

^0-10	2.5Y3/3 Dark olive brown, gravelly loamy sand, granular, friable
10-24	2.5Y5/4 Light olive brown, cobbly gravelly coarse sand, single grain, loose
24-62	2.5Y5/3 Light olive brown, cobbly gravelly coarse sand, single grain, loose, with 2.5Y6/2 Light brownish gray and 7.5YR4/6 Strong brown redoximorphic features

Estimated Seasonal High Water Table @	24	inches	Observed Water Table @	none	inches
Restrictive @	none	inches	Roots @	20	inches
Refusal @	none	inches			
Percolation Rate =	2	Minutes / Inch @ 30			

