



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep Observation Hole Number: 1-1

inches

elevation

7/29/20

7/29/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	AP	10YR 3/3				SL					
12-28	Bw	10YR 6/6				SL					many roots
28-9	C	2.5Y 5/4				SL					20% stone

Additional Notes

HO 1-1, no mottles

W/TH: JOE SERNAKA



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/20

inches

elevation

Deep Observation Hole Number: 1-2

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
8-12	Ap	10YR 3/3	5-10% SJ			SL					
12-24	Bw	10YR 6/8	1-1			SL					
24-37	C	2.5Y 5/4				SL					

Additional Notes

no H₂O, no organic



Commonwealth of Massachusetts

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Deep Observation Hole Number:

4-1

inches

elevation

7/30/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	A	10YR ³ / ₃				SL					
12-35	Bw	10YR ⁶ / ₈				SL					
35-76	C	2.5Y ⁵ / ₄				SL		no fluv no root		no root 2 1/4"	
4-2											
0-12	A	10YR ³ / ₃				SL					
12-25	Bw	10YR ⁶ / ₈				SL					
25-72	C	2.5Y ⁵ / ₄				SL				no root 2 1/2"	

Additional Notes



Commonwealth of Massachusetts

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Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/30/20

Deep Observation Hole Number: 43 inches

elevation

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	A	10YR 3/3				SL					
12-32	BW	10YR 6/8				SL					
32-96	C	2.5Y 5/4				SL					
4-4											
0-12	A	10YR 3/3				SL					
12-29	BW	10YR 6/8				SL					
29-72	C	2.5Y 5/4				SL					

} FAR END OF
HOLE TO HOLE
END OF HOLE
LEAVE

ACTIVE < 96"
no H2O

ACTIVE < 72"

Additional Notes



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Deep Observation Hole Number:

7-1

inches

elevation

7/30/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-9	A	10YR 3/3				SL					
9-27	Bw	10YR 6/8				SL			no H ₂ O	no roots	
27-84	C	2.5Y 5/4				SL			no H ₂ O	no roots	
7/30/20	7-2										
0-10	A	10YR 3/3				SL					
10-28	Bw	10YR 6/8				SL					
28-78	C	2.5Y 5/4				SL			no H ₂ O	no roots	

Additional Notes



Commonwealth of Massachusetts

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Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep Observation Hole Number:

7-3 inches

elevation

7/30/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-10	A	10YR 3/3				SL					
10-24	Bw	10YR 6/8				SL			no data		
24-68	C	2.5Y 5/1				SL			no data	60°	
<u>7-4</u>											
0-10	A	10YR 3/3				SL					
10-24	Bw	10YR 6/8				SL					
24-65	C	2.5Y 5/1				SL			no data	65°	

Additional Notes



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Dr. P. M. L. G. S.

7/30/20

Deep Observation Hole Number: D-1 inches

elevation

Depth (In.)	Soil Horizon/Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-10	A	10YR 3/3				SL					
10-24	Bw	10YR 6/8				SL				no H ₂ O, no roots	
24-72	C	2.5Y 5/4				SL SL				REPORT 72"	
<hr/>											
	D-Z										
0-10	A	10YR 3/3				SL					
10-24	Bw	10YR 6/8				SL					
24-52	C	2.5Y 5/4	32"			SL				no H ₂ O 52"	

Additional Notes

D-3 0-10
10-27

27-54
RE 54"

no H₂O + 32" no H₂O



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Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

inches

elevation

Deep Observation Hole Number: 6.1

7/29/17
29

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	Ap	10YK 3/3				SL					
12-24	Bw	10YK 6/8				SL					
24-90	C	2.5Y 5/4	48"			TL					
				SANDY SOIL 7/16/17 AT 1-7							

Additional Notes

NOTED C 48" NO L20
REFUTAL * 90"



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7/29/20

Deep Observation Hole Number:

6-2 inches

elevation

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	A					SL					
12-24	Bw					SL					
24-76	C	10YR 5/2 76				SL					
		6-3									
0-12	A	10YR 3/3				SL					
12-24	Bw	10YR 4/8				SL					
24-68	C	2.5Y 5/4 48"				SL					

Additional Notes

no mottles 48" no H₂O



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Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/20

Deep Observation Hole Number: 6-24-4 inches

elevation

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	A										
12-24	Bw										
24-40	C	Mottled 40% AB-DKRD									
	6-2										
0-12	A										
12-24	Bw										
24-43	C	Mottled 43% AB-DKRD									

Additional Notes



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Deep Observation Hole Number: 6-6

inches

elevation

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-7"	A	10YR 3/3				SL					
7-24	Br	10YR 6/8				SL					
24-68"	C	2.5Y 5/6				SL					

Additional Notes

approx 68"

no H₂O

no mottles



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/20

inches

elevation

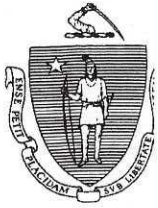
Deep Observation Hole Number:

5-4

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	Ap	10YR 3/3				SL					
12-24	Bw	10YR 6/8			5-8	1-1 SL		For Soil 1/20			
24-88	C	10YR 6/8				SL					
<hr/>											
		5-5									
0-12	Ap	10YR 3/3				SL					
12-24	Bw	10YR 6/8				SL					
24-60	C	2.5Y 5/4				SL					

Additional Notes

10YR 6/8, no H₂O, no mottles



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/20

inches

elevation

Deep Observation Hole Number: 5-2

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12	AP	10YR 3/3				ASL-1					
12-24	BW	10YR 6/0				SL					
24-64	C	10YR 6/0				SL					
<hr/>											
0-12	AP	10YR 3/3				SL					
12-24	BW	10YR 6/0				SL					
24-74	C	2.5Y 5/1				SL					

Additional Notes

10YR 6/0
74

no H₂O, no mottles



Commonwealth of Massachusetts

City/Town of

NEWBURY

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/20

inches

elevation

5-1

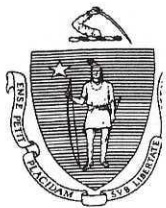
Deep Observation Hole Number: _____

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12											
12-21											
21-48											

HOLE
ABANDONED

Additional Notes

REFER C 44



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/20

inches

elevation

Deep Observation Hole Number: 1-3

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-12											
12-28											
28-96											
0-12											
12-24											
24-100											

Additional Notes

no H₂O, no mottles
no RETAIL



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

inches

elevation

Deep Observation Hole Number:

TH-10

7/31/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-8											
8-25											
25-96						SL				very e 9/6 ³ no h ₂ O, no roots	
	TH-10										
0-8	A										
8-25	B										
25-104	Cd									very e 4/3 ² no h ₂ O	

Additional Notes



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep Observation Hole Number: TD-C (Gordonville) ^{inches} ^{elevation}

TD-C 8/6/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-10	A										
10-24	B										
24-96	C					sl					

Additional Notes _____



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

7/29/10

inches

elevation

Deep Observation Hole Number: 2-1

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-8	A										
8-24	BW										
24-68	C		REDS & 60%			no H ₂ O		no mottles			
		2-2									
0-8											
8-23											
23-86			REDS & 80%			no mottles, no H ₂ O					

Additional Notes



Commonwealth of Massachusetts

City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

inches

elevation

Deep Observation Hole Number: 2-3

7/29/10

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-9											
9-28											
28-76											
	2-4										
0-8											
8-25											
25-96											

Additional Notes

~~A~~ ~~REDUCED~~ ~~2-4~~ NO H₂O, NO MOTTLES



Commonwealth of Massachusetts

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Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep Observation Hole Number: _____

2.5

inches

elevation

8/16/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-11	A	10YR 3/3				SL					
11-23	B	10YR 6/6				SL					
23-96	C	2.5Y 5/4				SL					
2-6											
0-10	A	10YR 3/3									
10-22	B	10YR 6/6									
22-80	C	2.5Y 5/4									

Additional Notes

no H₂O, no mottles



Commonwealth of Massachusetts

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Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep Observation Hole Number: 5.6

inches

elevation

8/6/20

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-10	A										
10-24	B										
24-72	C										

no H₂O
no roots

Additional Notes

928, 374, 873/ JF