



Mn. Lic. #4229 MPCA Cert. #884
28995 Jodrell Dr NE, Cambridge, MN 55008
Office: (763)444-4930
boettcherseptic@gmail.com

PID# 09.012.0400

Attached soil borings show there is 1 acre of buildable soils that will sustain type 1 septic systems. And this lot has area enough for two type 1 septic systems.

Signature: 
Shannon Boettcher

Date: 6-16-23

MPCA Lic. # 4229
MPCA Certification # 6224

Soil Log 5

Soil Log 5							
Depth (in)		Texture	fragment %	matrix color	redox color	consistence	grade
0-6		Sandy Loam	<35 35 - 50 >50	10YR 4/4		loose friable firm rigid	loose weak moderate strong
6-18		Fine sand	<35 35 - 50 >50	10YR 4/6		loose friable firm rigid	loose weak moderate strong
18-45		Fine sand	<35 35 - 50 >50	10YR 5/4		loose friable firm rigid	loose weak moderate strong
45-50		Fine sand	<35 35 - 50 >50	10YR 5/4	2.5YR 4/6	loose friable firm rigid	loose weak moderate strong
			<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong

Soil Log 6

Soil Log 6							
Depth (in)		Texture	fragment %	matrix color	redox color	consistence	grade
0-8		Sandy Loam	<35 35 - 50 >50	10YR 4/4		loose friable firm rigid	loose weak moderate strong
8-20		Fine sand	<35 35 - 50 >50	10YR 4/6		loose friable firm rigid	loose weak moderate strong
20-24		Fine sand	<35 35 - 50 >50	10YR 5/4		loose friable firm rigid	loose weak moderate strong
			<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong
			<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong

I hereby certify this work was completed in accordance with MN 7080 and any local req's.

[Signature]

6-12-25

Soil Log 3

☒ Boring		☐ Pit		Elevation _____		Depth to SHWT <u>42"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape		
0-4	sandy loam	(<u><35</u>) 35 - 50 >50	10YR 4/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
4-20	Fine sand	(<u><35</u>) 35 - 50 >50	10YR 4/6		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
20-42	Fine sand	(<u><35</u>) 35 - 50 >50	10YR 5/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
42-45	Fine sand	(<u><35</u>) 35 - 50 >50	10YR 5/4	2.5YR 4/6	<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive		

Soil Log 4

☒ Boring		☐ Pit		Elevation _____		Depth to SHWT <u>28"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape		
0-6	sandy loam	(<u><35</u>) 35 - 50 >50	10YR 4/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
6-20	Fine sand	(<u><35</u>) 35 - 50 >50	10YR 4/6		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
20-28	Fine sand	(<u><35</u>) 35 - 50 >50	10YR 5/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive		
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive		
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive		

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6-12-25

Soil Log 1							
☒ Boring ☐ Pit		Elevation _____		Depth to SHWT <u>46"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-10	sandy Loam	<u><35</u> 35 - 50 >50	10YR 4/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
10-20	Fine sand	<u><35</u> 35 - 50 >50	10YR 4/6		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
20-46	Fine sand	<u><35</u> 35 - 50 >50	10YR 5/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
48-50	Fine sand	<u><35</u> 35 - 50 >50	10YR 5/4	2.5YR 4/6	<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive

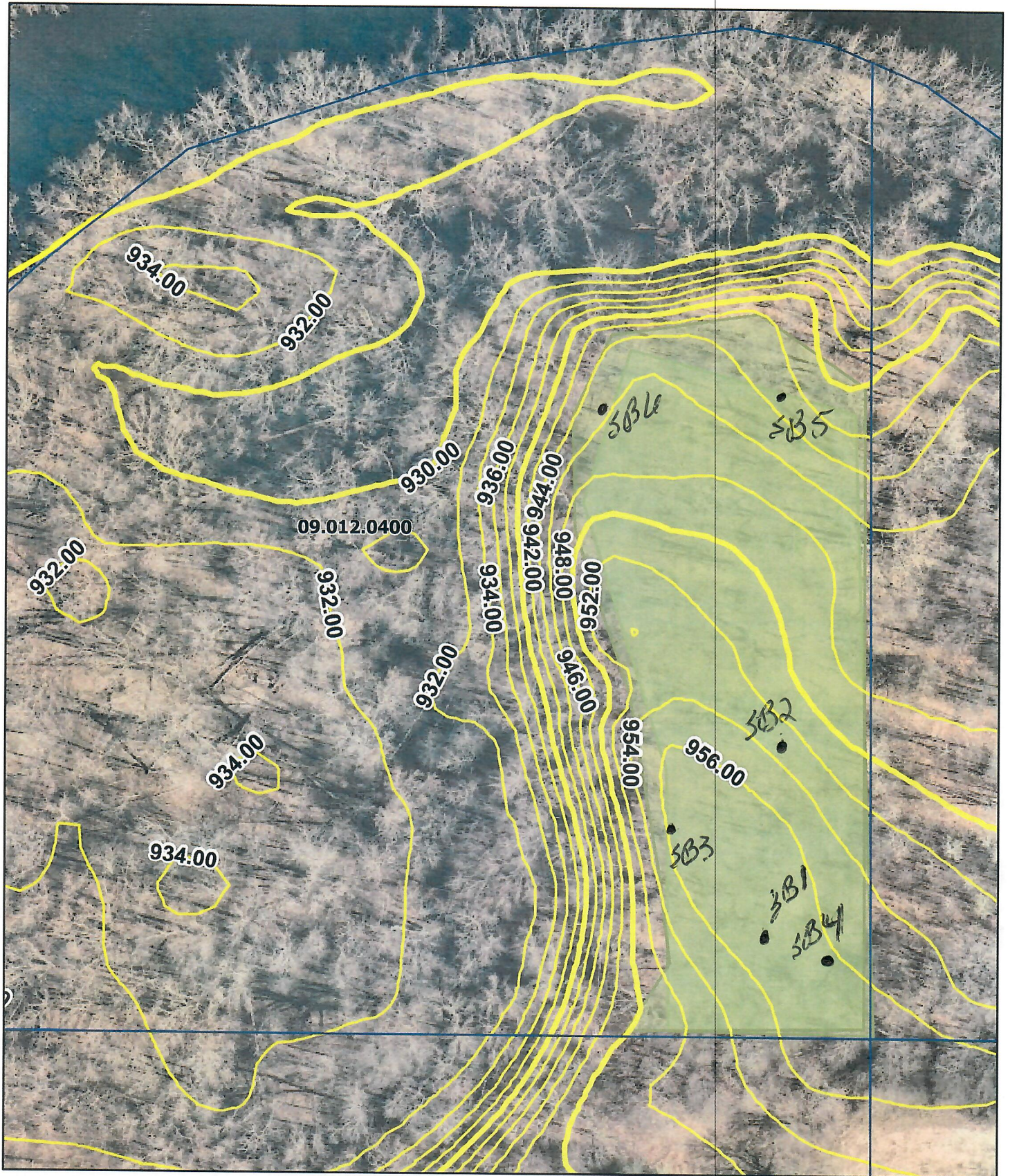
Soil Log 2							
☒ Boring ☐ Pit		Elevation _____		Depth to SHWT <u>46"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-10	Fine sand Loam	<u><35</u> 35 - 50 >50	10YR 4/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
10-20	Fine sand	<u><35</u> 35 - 50 >50	10YR 4/6		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
20-46	Fine sand	<u><35</u> 35 - 50 >50	10YR 5/4		<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
46-50	Fine sand	<u><35</u> 35 - 50 >50	10YR 5/4	2.5YR 4/6	<u>loose</u> friable firm rigid	<u>loose</u> weak moderate strong	single grain <u>granular</u> blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive

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Mme L. H.

6-12-25

Land Use and Zoning



6/16/2025, 7:24:38 AM

Geopolitical Areas - County

Tax Parcels

Contour 2ft

