

Soil Observation Log

www.SepticResource.com vers 12.4

Owner Information	
Property Owner / project: <u>James Sandberg</u>	Date <u>5/19/2022</u>
Property Address / PID: <u>39406 498th Ln. Palisade MN 56469</u>	

Soil Survey Information	
<input type="checkbox"/> refer to attached soil survey	
Parent mat'l's:	<input checked="" type="checkbox"/> Till <input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Alluvium <input type="checkbox"/> Organic <input type="checkbox"/> Bedrock
landscape position:	<input type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input checked="" type="checkbox"/> Side slope <input type="checkbox"/> Toe slope
soil survey map units:	<u>292 & 204B</u> slope <u>1 to 2</u> % direction- <u>South & North</u>

Soil Log #1 Tract B-1							
		<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	Elevation _____	Depth to SHWT <u>10"</u>		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-6	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular
6 - 10	Loam	<35	10YR5/3		Loose	Loose	Granular
10 - 16	Silt Loam	<35	10YR6/2	7.5YR5/6	Friable	Weak	Blocky

Comments: **Aitkin Co Requires 2 sites each site 50'x100' of type I soils (12" or more to mottles)**

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Soil Log #2 Tract B-1

		<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	Elevation _____		Depth to SHWT <u>11"</u>		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape	
0 - 6	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular	
6 - 11	Loam	<35	10YR5/4		Loose	Loose	Granular	
11 - 16	Silt Loam	<35	10YR6/3	7.5YR5/6	Loose	Loose	Granular	

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Soil Log #3 Tract B-1

		<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	Elevation _____		Depth to SHWT <u>10"</u>		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape	
0-6	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular	
6 - 10	Loam	<35	10YR5/3		Loose	Loose	Granular	
10 - 16	Silt Loam	<35	10YR6/2	7.5YR5/6	Friable	Weak	Blocky	

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

Designer Signature

Brummer Septic LLC.

Company

L-1347

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39406 498th Ln. Palisade MN 56469								Soil Log #4 Tract B-1	
		<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	Elevation _____	Depth to SHWT <u>19"</u>				
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape		
0 - 6	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular		
6 - 15	Loam	<35	10YR5/4		Loose	Loose	Granular		
15 - 18	Loam	<35	10YR5/4	7.5YR5/6	Loose	Loose	Granular		
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive		

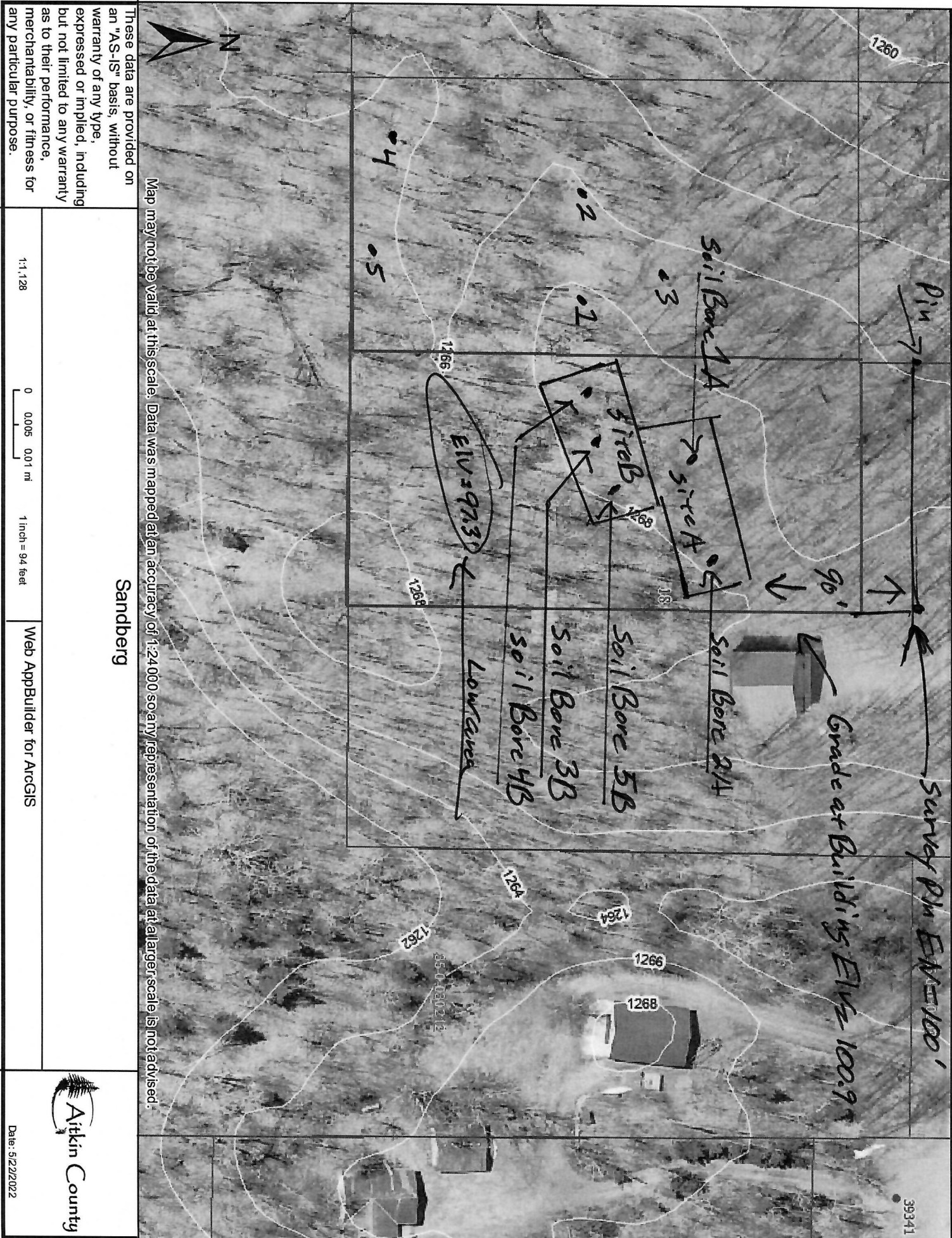
39406 498th Ln. Palisade MN 56469								Soil Log #5B Site B	
		<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	Elevation _____	Depth to SHWT <u>11"</u>				
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape		
0 - 6	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular		
6 - 11	Loam	<35	10YR5/4		Loose	Loose	Granular		
11 - 15	Loam	<35	10YR6/3	7.5YR5/6	Loose	Loose	Granular		
		<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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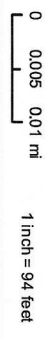


Map may not be valid at this scale. Data was mapped at an accuracy of 1:24,000 so any representation of the data at a larger scale is not advised.

Sandberg

These data are provided on an "AS-IS" basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.

1:1,128



Web AppBuilder for ArcGIS



Date: 5/22/2022