

Soil Observation Log

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Owner Information

Property Owner / project: Barry and Nichol Arcand Date 11/11/2023
 Property Address / PID: 02-0-013800

Soil Survey Information

refer to attached soil survey

Parent mat'l's e Till Outwash Lacustrine Alluvium Organic Bedrock
 eolian sanc
 landscape position: Summit Shoulder Side slope Toe slope
 soil survey map units: B240D slope 0 % direction- FLA1

Soil Log #1

Boring Pit Elevation 101ft Depth to SHWT 36"
 fragment % matrix color redox color consistence grade shape

Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Sandy Loam	<35	10yr2/1	N/A	Loose	Weak	Granular
4-19	Sandy Loam	<35	10YR4/3	N/A	Loose	Weak	Granular
19-36	Fine sand	<35	10YR5/6	N/A	Loose	Weak	Single grain
36				10YR5/8			
36-54	Fine sand	<35	10YR5/6		Loose	Weak	Single grain

Comments:

02-0-013800

Soil Log #2

Depth (in)	<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation <u>101FT</u>		Depth to SHWT <u>40"</u>		
	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-3	Sandy Loam	<35	10YR3/1	N/A	Loose	Weak	Granular
3-40	Sandy Loam	<35	10YR5/4	N/A	Loose	Loose	Granular
40		<35		10YR5/8			
40-60	Fine sand	<35	10YR5/6		Loose	Weak	Single grain

02-0-013800

Soil Log #3

Depth (in)	<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation <u>101FT</u>		Depth to SHWT <u>38"</u>		
	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Sandy Loam	<35	10YR2/1	N/A	Loose	Weak	Granular
4-38	Sandy Loam	<35	10YR4/4	N/A	Loose	Weak	Granular
38				10YR5/8			
38-68	Fine sand	<35	10YR5/6		Loose	Weak	Single grain

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

LARRY HOLMQUIST

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Designer Signature

Company

License #

02-0-013800

Soil Log #4

Depth (in)	<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation _____		Depth to SHWT _____ 42		
	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Sandy Loam	<35	10yr2/1	N/A	Loose	Weak	Granular
4-17	Sandy Loam	<35	10YR4/3	N/A	Loose	Weak	Granular
17-41	Fine sand	<35	10yr5/6	N/A	Loose	Weak	Single grain
41				10YR5/8			
41-47	Fine sand	<35	10YR5/6	10YR58	Loose	Weak	Single grain

02-0-013800

Soil Log #5

Depth (in)	<input type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation _____		Depth to SHWT _____		
	Texture	fragment %	matrix color	redox color	consistence	grade	shape

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

LARRY HOLMQUIST

HOLMQUIST EXCAVATING

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Designer Signature

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License #