

**G-Cubed**

14070 Hwy 52 S.E.  
Chatfield, MN 55923

ENGINEERING  
SURVEYING  
PLANNING  
Ph. 507-867-1666  
Fax 507-867-1665  
www.ggg.to

Designer: G-Cubed

**Soil Log**

Property Owner:

Cory Penz

Location / Address:

4939 48th St NE Cochester, MN 55906

Parcel #

73.16.14.077190

Latitude:

Vegetation:

Grass

Landscape Position:

Backside

Longitude:

Weather Conditions/Time of Day:

80° Sunny

12:30PM

Date:

06/16/22

Observation #/Location:

SB 1

Site 1 (Primary)

Observation Type:

Probe

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I		
							Shape	Grade	Consistence
0-8	Loam	<35%	10YR 3/4	None	None	None	Blocky	Moderate	Friable
8-17	Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
17-24	Sandy Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
24+	Bedrock	>50%	NA	NA	NA	NA	NA	NA	NA

I hereby certify that this soil observation was verified according to Minn. R. 7082.0500 subp. 3 A. The signature below represents an infield verification of the periodically saturated soil or bedrock at the proposed soil treatment and dispersal site.

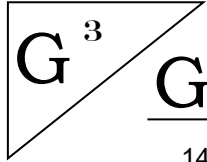
Soils Done by G-Cubed

686

6/16/2022

(License#)

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06/16/22

Observation #/Location:

SB 2

Site 1 (Secondary)

Observation Type:

Probe

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I		
							Shape	Grade	Consistence
0-8	Loam	<35%	10YR 3/4	None	None	None	Blocky	Moderate	Friable
8-12	Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
12+	Bedrock	>50%	NA	NA	NA	NA	NA	NA	NA

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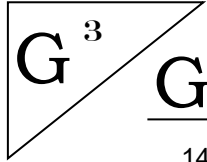
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SB 1

Site 2 (Primary)

Observation Type:

Probe

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I		
							Shape	Grade	Consistence
0-6	Loam	<35%	10YR 3/4	None	None	None	Blocky	Moderate	Friable
6-12	Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
12-55	Sand	<35%	10YR 4/4	None	None	None	Single grain	Moderate	Loose
55+	Bedrock	>50%	NA	NA	NA	NA	NA	NA	NA

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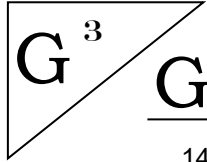
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SB 2

Site 2 (Secondary)

Observation Type:

Probe

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I		
							Shape	Grade	Consistence
0-6	Loam	<35%	10YR 3/4	None	None	None	Blocky	Moderate	Friable
6-11	Sandy Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
11-30	Sand	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
30-32	Clay	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
32+	Bedrock	>50%	NA	NA	NA	NA	NA	NA	NA

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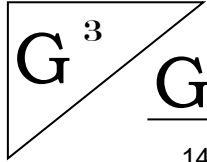
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Observation #/Location:

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Site 3 (Primary)

Observation Type:

Probe

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I		
							Shape	Grade	Consistence
0-6	Loam	<35%	10YR 3/4	None	None	None	Blocky	Moderate	Friable
6-26	Sandy Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
26-30	Sandy Clay Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
30+	Bedrock	>50%	NA	NA	NA	NA	NA	NA	NA

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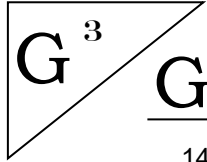
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Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I		
							Shape	Grade	Consistence
0-6	Loam	<35%	10YR 3/4	None	None	None	Blocky	Moderate	Friable
6-18	Sandy Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
18-21	Sandy Clay Loam	<35%	10YR 4/4	None	None	None	Blocky	Moderate	Friable
21+	Bedrock	>50%	NA	NA	NA	NA	NA	NA	NA

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