

PROJECT #6-45A(22)
MATT RIDENOUR
9 ACRES-SOUTHWEST OF EXISTING HOME 7357 EAST 800 SOUTH
SOUTH WHITLEY, INDIANA 46787

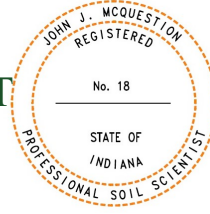
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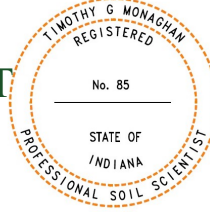
SOIL SOLUTIONS

A SOIL AND ENVIRONMENTAL CONSULTING COMPANY

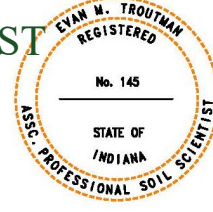
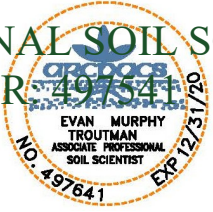
JOHN J. McQUESTION
CERTIFIED PROFESSIONAL SOIL SCIENTIST
CERTIFICATION NUMBER 04287



Tim Monaghan
CERTIFIED PROFESSIONAL SOIL SCIENTIST
CERTIFICATION NUMBER 15238



Evan Troutman
ASSOCIATE PROFESSIONAL SOIL SCIENTIST
CERTIFICATION NUMBER 497641



*Soil Solutions, Inc. P. O. Box 229 Valparaiso, IN 46384
P.O. Box 1091 Granger, IN 46530
(219)465-5885 or 800-947-2444*

Soil Solutions

Soil Description Report

John J. McQuestion Certified Professional Soil Scientist
Tim Monaghan Certified Professional Soil Scientist
Evan Troutman Associate Professional Soil Scientist

ARCPACS Certification # - 04287
ARCPACS Certification # - 15238
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tmonaghan@soilsolutions-inc.com
etroutman@soilsolutions-inc.com

PROJECT NUMBER: 6-45A(22)

DATE: 5-2-22

CLIENT/PROJECT

NAMES: MATT RIDENOUR

MAILING ADDRESS: P.O. BOX 708

CITY: PIRCETON **STATE:** IN

ZIP CODE: 46562

PHONE NUMBER: 260-609-2824

EMAIL ADDRESS: brandi_ousley@yahoo.com

PROPERTY OWNERS/DEVELOPER

NAMES: MATT RIDENOUR

MAILING ADDRESS: P.O. BOX 708

CITY: PIRCETON **STATE:** IN

ZIP CODE: 46562

PHONE NUMBER: 260-609-2824

EMAIL ADDRESS: brandi_ousley@yahoo.com

PROJECT LOCATION

COUNTY: KOSCIUSKO

TOWNSHIP: JACKSON

SITE ADDRESS: 9 ACRES - SOUTHWEST OF EXISTING HOME 7357 EAST 800 SOUTH

CITY: SOUTH WHITLEY

STATE: IN

ZIP CODE: 46787

LEGAL DESCRIPTION: PART OF NE 1/4 OF NW 1/4 OF SECTION 25 T31N R7E

PARCEL ID NUMBER: 43-16-25-400-092.000-009

PROJECT SPECIFICATION:

PROPOSED THREE BEDROOM HOME, NO TUBS OVER 125 GALLONS.

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SITE CHARACTERISTICS:

Purpose for Assistance:

☒ Residential

☐ Commercial

☒ New Construction

☐ New Construction

☐ Repair

☐ Repair

Water Source: ☒ Proposed Well ☐ Existing Well ☐ City Water

Were Property Lines Clearly Marked / Surveyed At Time Of Testing? ☒ Yes ☐ No

Persons at Site JOHN MCQUESTION, MATT RIDENOUR

Slope and Aspect 2-6% - SOUTH

Landscape Position UPLAND

Soil Map Sheet Number WEB SOIL SURVEY

Soil Map Sheet Units Crosby

Wetlands Present at Site NOT AT SOIL BORING LOCATIONS

Present Land Use WOODED LOT

Vegetative Cover TREES/SHRUBS

Parent Materials GLACIAL TILL

Seasonal Water Table YES

Perched or Fluctuating Water
Table PERCHED

Depth to Free Water In Unlined Bore Hole NONE OBSERVED

Dense Basal Till YES

Does Site Flood or Pond Water NONE OBSERVED

Medium or Coarse Sands NONE OBSERVED

OTHER LIMITING CONDITIONS:

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Soil Boring #1

Soil Profile Description

Classification: COARSE LOAMY OVER FINE LOAMY MIXED MESIC OXYAQUIC HAPLUDALFS
 Parent Material: GLACIAL OUTWASH OVER GLACIAL TILL
 Depth To Seasonal Water Table: #1- 45"
 Depth To Dense Basal Till: #1- 52"
 Lot / Parcel Number: 9 ACRES - SOUTHWEST OF EXISTING HOME 7357 EAST 800 SOUTH

Munsell Color (Moist)						Structure				Additional Features			
Depth Inches	Horizon	Texture	Matrix	Mottles	Q,S,C	Grade	Size	Shape	Consistence (moist)	Kind	Color	Co. Frag% 2mm-3"	Sand %
0-8	A	SL	10yr4/2			2	FINE	GR	FRI				
8-18	Bt1	SL	10yr5/6			2	MED	SBK	FRI				
18-30	Bt2	SCL	10yr4/4			2	MED	SBK	FRI				
30-45	2Bt3	L	10yr5/4	6/3	FFF	2	M/CO	SBK	FIRM				
45-52	2Bt4	CL	10yr5/4	6/2-6/6	CMD	2	CO	SBK	FIRM				
52-62	2Cd	CL	10yr5/3			TILL			MASSIVE	CaCO3	5/3		

SOIL PROFILE DESCRIPTION CODES

<i>Mottles</i>		<i>Structure</i>		<i>Additional Features</i>	
Q-Quantity	S-Size	C-Contrast	Grade	Kind	
F-Few 2% or Less	F-Fine 5mm or less	F-Faint	1- Weak	FeMn – Iron & Manganese	
C- Common – 2-20%	M-Medium 5-15mm	D-Distinct	2- Moderate	CaCO3- Calcium Carbonate Coating	
M-Many-20% or More	C-Common (15mm or More)	P-Prominent	3- Strong	C.F. – Clay Films / Clay Skins	

*All colors have a Hue of 10YR unless otherwise indicated.

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Soil Boring #2

Soil Profile Description

Classification: COARSE LOAMY OVER FINE LOAMY MIXED MESIC OXYAQUIC HAPLUDALFS
 Parent Material: GLACIAL OUTWASH OVER GLACIAL TILL
 Depth To Seasonal Water Table: #2- 24"
 Depth To Dense Basal Till: #2- 55"
 Lot / Parcel Number: 9 ACRES - SOUTHWEST OF EXISTING HOME 7357 EAST 800 SOUTH

Munsell Color (Moist)						Structure				Additional Features			
Depth Inches	Horizon	Texture	Matrix	Mottles	Q,S,C	Grade	Size	Shape	Consistence (moist)	Kind	Color	Co. Frag% 2mm-3"	Sand %
0-10	A	SL	10yr4/2			2	FINE	GR	FRI				
10-24	Bt1	SL	10yr5/6			2	MED	SBK	FRI				
24-34	Bt2	SCL	10yr4/4	6/2-5/8	FFF	2	MED	SBK	FRI				
34-48	2Bt3	L	10yr5/4	5/2-4/6	MCD	2	M/CO	SBK	FIRM				
48-55	2Bt4	CL	10yr5/4	6/2-6/6	CMD	2	CO	SBK	FIRM				
55-62	2Cd	CL	10yr5/3			TILL			MASSIVE	CaCO3	5/3		

SOIL PROFILE DESCRIPTION CODES

<i>Mottles</i>		<i>Structure</i>		<i>Additional Features</i>	
Q-Quantity	S-Size	C-Contrast	Grade	Kind	
F-Few 2% or Less	F-Fine 5mm or less	F-Faint	1- Weak	FeMn – Iron & Manganese	
C- Common – 2-20%	M-Medium 5-15mm	D-Distinct	2- Moderate	CaCO3- Calcium Carbonate Coating	
M-Many-20% or More	C-Common (15mm or More)	P-Prominent	3- Strong	C.F. – Clay Films / Clay Skins	

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Soil Boring #3

Soil Profile Description

Classification: COARSE LOAMY OVER FINE LOAMY MIXED MESIC OXYAQUIC HAPLUDALFS
 Parent Material: GLACIAL OUTWASH OVER GLACIAL TILL
 Depth To Seasonal Water Table: #3- 30"
 Depth To Dense Basal Till: #3- 45"
 Lot / Parcel Number: 9 ACRES - SOUTHWEST OF EXISTING HOME 7357 EAST 800 SOUTH

Munsell Color (Moist)						Structure				Additional Features			
Depth Inches	Horizon	Texture	Matrix	Mottles	Q,S,C	Grade	Size	Shape	Consistence (moist)	Kind	Color	Co. Frag% 2mm-3"	Sand %
0-10	A	SL	10yr4/2			2	FINE	GR	FRI				
10-24	Bt1	SL	10yr5/6			2	MED	SBK	FRI				
24-34	Bt2	SCL	10yr4/4	6/2-5/8	FFF	2	MED	SBK	FRI				
34-48	2Bt3	L	10yr5/4	5/2-4/6	MCD	2	M/CO	SBK	FIRM				
48-55	2Bt4	CL	10yr5/4	6/2-6/6	CMD	2	CO	SBK	FIRM				
55-62	2Cd	CL	10yr5/3			TILL			MASSIVE	CaCO3	5/3		

SOIL PROFILE DESCRIPTION CODES

<i>Mottles</i>		<i>Structure</i>		<i>Additional Features</i>	
Q-Quantity	S-Size	C-Contrast	Grade	Kind	
F-Few 2% or Less	F-Fine 5mm or less	F-Faint	1- Weak	FeMn – Iron & Manganese	
C- Common – 2-20%	M-Medium 5-15mm	D-Distinct	2- Moderate	CaCO3- Calcium Carbonate Coating	
M-Many-20% or More	C-Common (15mm or More)	P-Prominent	3- Strong	C.F. – Clay Films / Clay Skins	

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Soil Boring #4

Soil Profile Description

Classification:	COARSE LOAMY OVER FINE LOAMY MIXED MESIC OXYAQUIC HAPLUDALFS
Parent Material:	GLACIAL OUTWASH OVER GLACIAL TILL
Depth To Seasonal Water Table:	#4- 50"
Depth To Dense Basal Till:	#4- >62"
Lot / Parcel Number:	9 ACRES - SOUTHWEST OF EXISTING HOME 7357 EAST 800 SOUTH

Munsell Color (Moist)						Structure				Additional Features			
Depth Inches	Horizon	Texture	Matrix	Mottles	Q,S,C	Grade	Size	Shape	Consistence (moist)	Kind	Color	Co. Frag% 2mm-3"	Sand %
0-10	A	SL	10yr4/2			2	FINE	GR	FRI				
10-24	Bt1	SL	10yr5/6			2	MED	SBK	FRI				
24-36	Bt2	SCL	10yr4/4		FFF	2	MED	SBK	FRI				
36-50	Bt3	SL	10yr5/4		MCD	2	M/CO	SBK	FRI				
50-62	2Bt4	CL	10yr5/4	6/2-6/6	CMD	2	CO	SBK	FIRM				

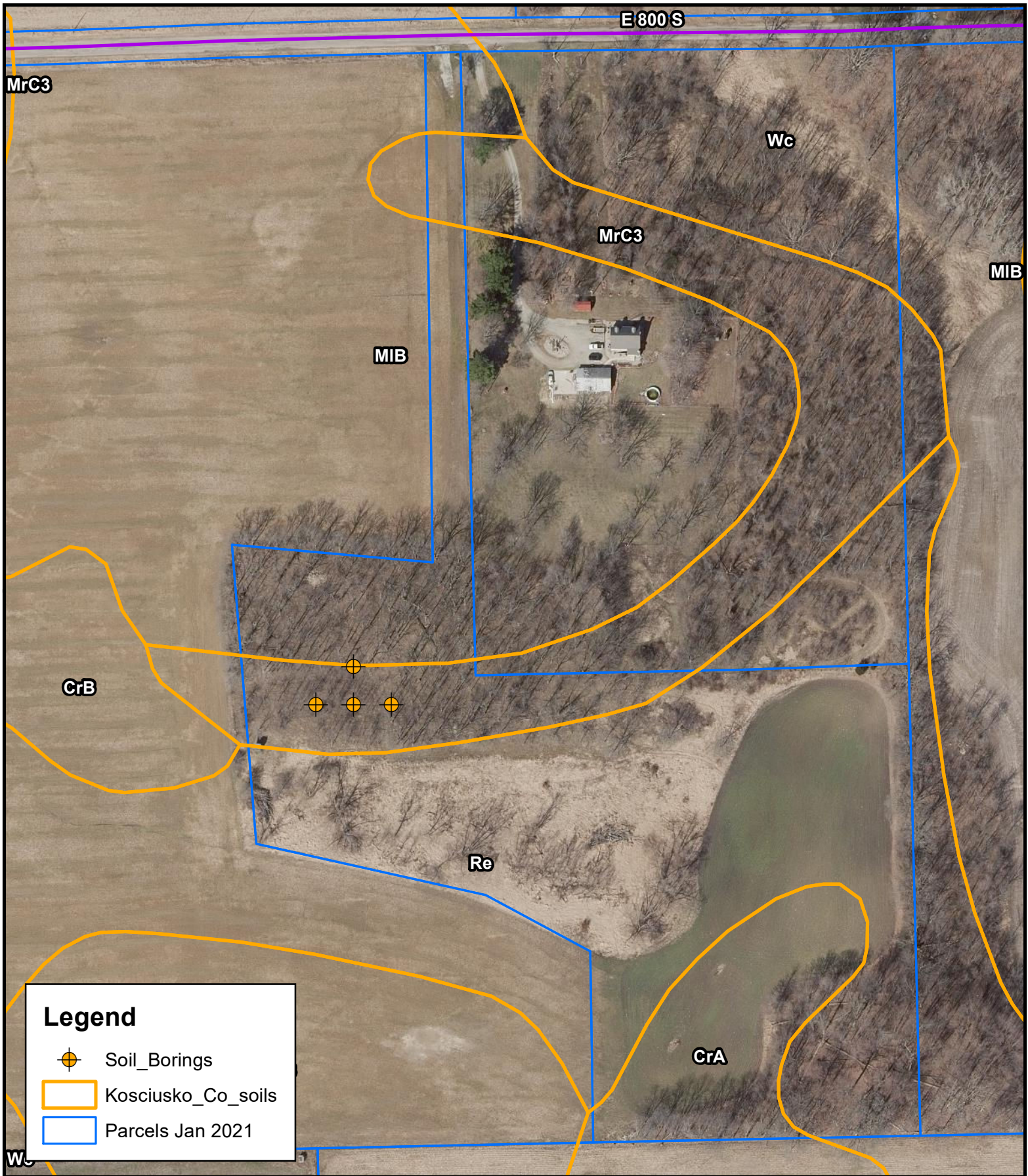
SOIL PROFILE DESCRIPTION CODES

<i>Mottles</i>		<i>Structure</i>		<i>Additional Features</i>	
Q-Quantity	S-Size	C-Contrast	Grade	Kind	
F-Few 2% or Less	F-Fine 5mm or less	F-Faint	1- Weak	FeMn – Iron & Manganese	
C- Common – 2-20%	M-Medium 5-15mm	D-Distinct	2- Moderate	CaCO3- Calcium Carbonate Coating	
M-Many-20% or More	C-Common (15mm or More)	P-Prominent	3- Strong	C.F. – Clay Films / Clay Skins	

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Site Overview

Matt Ridenour

9 acres SW of 7357 East 800 South - South Whitley, IN 46787

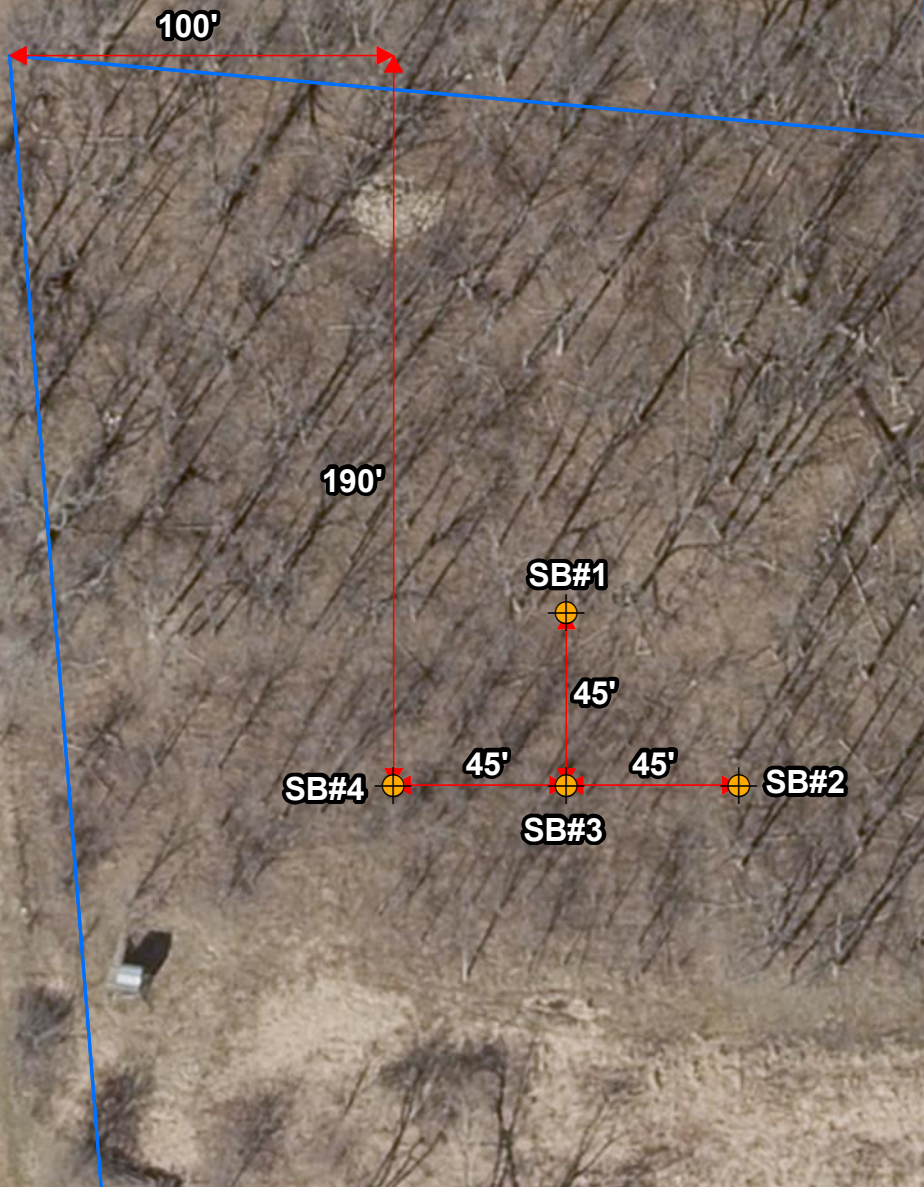
SSI Project Number: 6-45A(22)

May 2, 2022

1 inch = 150 feet

N





Legend



Soil_Borings



Parcels Jan 2021

Soil Boring Locations

Matt Ridenour

9 acres SW of 7357 East 800 South - South Whitley, IN 46787

SSI Project Number: 6-45A(22)

May 2, 2022

1 inch = 50 feet



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