



LAND APPLICATION OF BIOSOLIDS
CALHOUN

T-1520 T-4013 T-7060

DINWIDDIE, VIRGINIA

JULY 2024

LOA DATE: 10/20/2020

NOTE:



SITE BOOK INFORMATION

COUNTY:	Dinwiddie County - VPA00825	
SITE BOOK NAME:	CALHOUN	LOA DATE: 10/20/2020
TRACT NUMBERS:	T-1520 T-4013 T-7060	
LATITUDE / LONGITUDE:	see field data sheet	{Determined by Online Maps}
LANDOWNER NAME:	Owen Grace LLC	
OPERATORS NAME:	Brian Calhoun	
ADDRESS:	7740 Boydton Plank Road Alberta, VA 23821	
TELEPHONE #:	434-917-0876	
GENERAL FARM TYPE:	Silviculture	

	DEQ CONTROL #	FIELD ID #	GROSS ACRES	TAX ID #
1	51053-00592-0000	1520-1	392.5	15-20
2		4013-1	140.0	40-13A; 40-14
3		7060-1	222.0	70-60A
TOTAL GROSS ACRES			754.5	
TOTAL NUMBER OF FIELDS			3	



FIELD DATA SHEET

SITE NAME: CALHOUN

TRACT: T-1520 T-4013 T-7060

	FIELD #	GROSS ACRES	FIELD TYPE	FIELD COORDINATES		OWNER
				LATITUDE	LONGITUDE	
1	1520-1	392.5	Silviculture	37.179	-77.739	Owen Grace LLC
2	4013-1	140.0	Silviculture	37.114	-77.767	Owen Grace LLC
3	7060-1	222.0	Silviculture	37.043	-77.585	Owen Grace LLC
	TOTAL	754.5				

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 10/20/20 between Owen Grace LLC referred to here as "Landowner", and Nutri-Bond referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1. Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>70-60A</u>	<u>15-20</u>		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.


In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids ☒ Yes ☐ No Water treatment residuals ☒ Yes ☐ No Food processing waste ☒ Yes ☐ No Other industrial sludges ☒ Yes ☐ No

Printed name <u>Owen Grace LLC</u>	Mailing Address <u>7740 Buydton Plank Rd</u>	Landowner Signature 
By: <u>Brian Calhoun</u>	<u>Alberta, VA 23821</u>	
Title: <u>President / owner</u>	Phone No. <u>434 917 0876</u>	
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, trustee or Power of attorney, etc. <input checked="" type="checkbox"/> I certify that I am a responsible official (or officer) authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Nutri-Bond, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with \$10.1-104.2 of the Code of Virginia. The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Bill Burnett</u>	Mailing Address <u>PO Box 38060</u>	Permittee Authorized Representative Signature <u>Bill Burnett</u>
Title <u>Office Manager</u>	<u>Henrico, VA 23251</u>	
	Phone No. <u>804-222-7514</u>	

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Nutri-Blend County or City: Dinwiddie
Landowner: Owen Grace LLC - Brian Calhoun

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

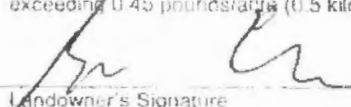
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site.

1. Notification Signs I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Faced crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days;
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days;
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).


Landowner's Signature

10/2/20
Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT
Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. *A Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

This form is not required when Form D - VPA Permit Application Workbook, Tabs 13.a and/or 13.b, are submitted. The information on that form supersedes the need to complete this Landowner Coordination Form.

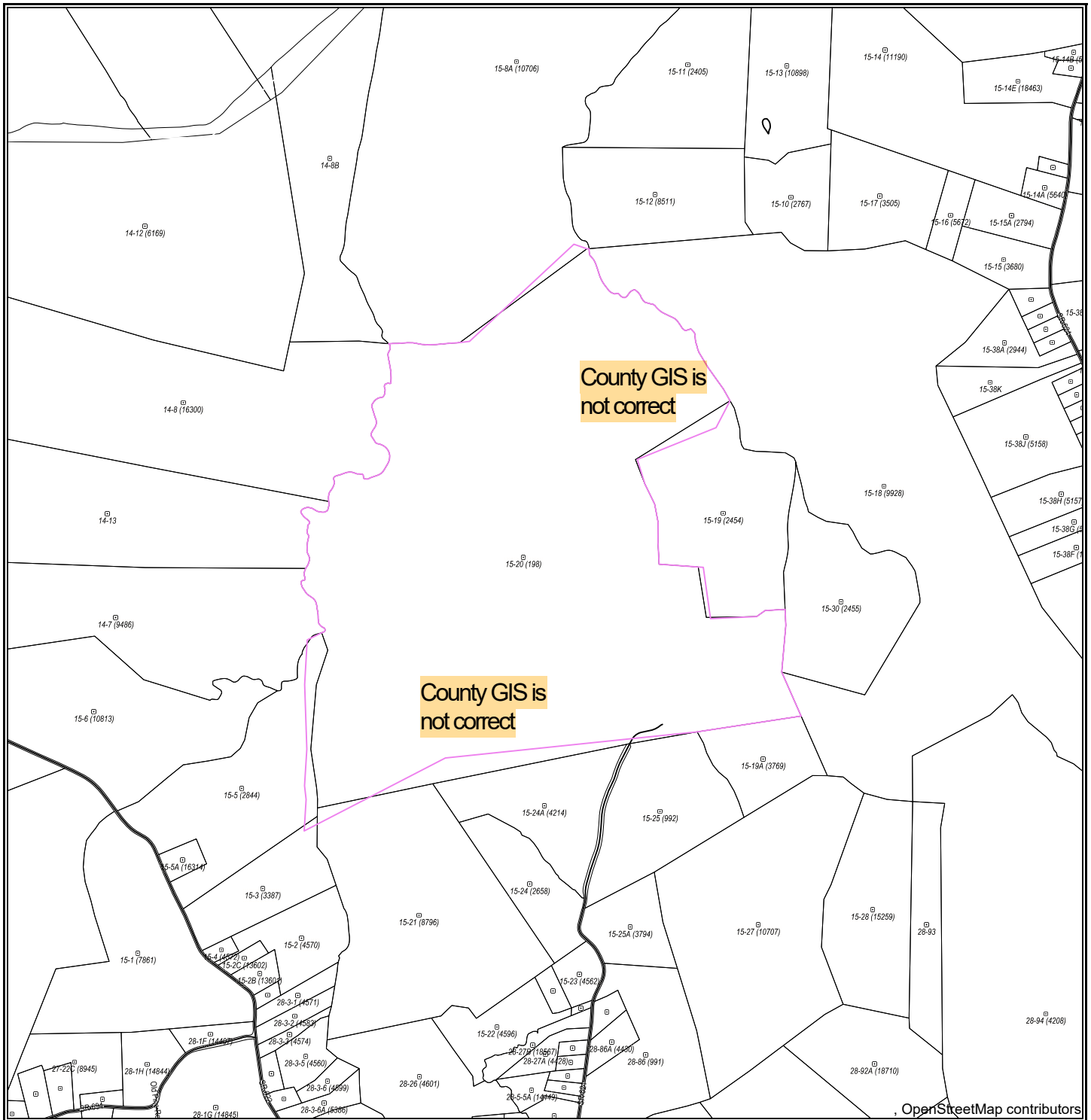
Permittee: NUTRIBLEND INC SITE: Calhoun

County or City: Dinwiddie County

Please Print

(Landowner signatures are not required on this

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
15-20	Owen Grace LLC
40-13A	Owen Grace LLC
40-14	Owen Grace LLC
70-60A	Owen Grace LLC



1:18,055

TAX MAP

1 INCH = 1,504 FT.

— Landowner Property

Disclaimer: Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy. The County does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic digital files are not legal representation of any of the features in which it depicts, and disclaims any assumption of the legal status of which it represents.

calhoun

5/10/2024

N



Location

0

City, State, Zip

Tax Map #

15/ / 20/ /

Acct#

198

Owner

OWEN GRACE LLC

Land Use Total

\$0

Class

AGR/UNDEV 100 UP ACR

PID

9918

Building Count

1

Legal Description

KITTS BRANCH 15-20

Mines & Minerals

Conserv Ease

District

05: DARVILLS

Current Value

Assessment					
Valuation Year	Improvements	Land	Total	Land Use	Land Use Total
2024	\$0	\$411,600	\$411,600	\$247,000	\$247,000

Parcel Addresses

Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner

OWEN GRACE LLC

Co-Owner

Address

7740 BOYDTON PLANK RD

ALBERTA, VA 23821

Sale Price

\$0

Year

2019

Book & Page

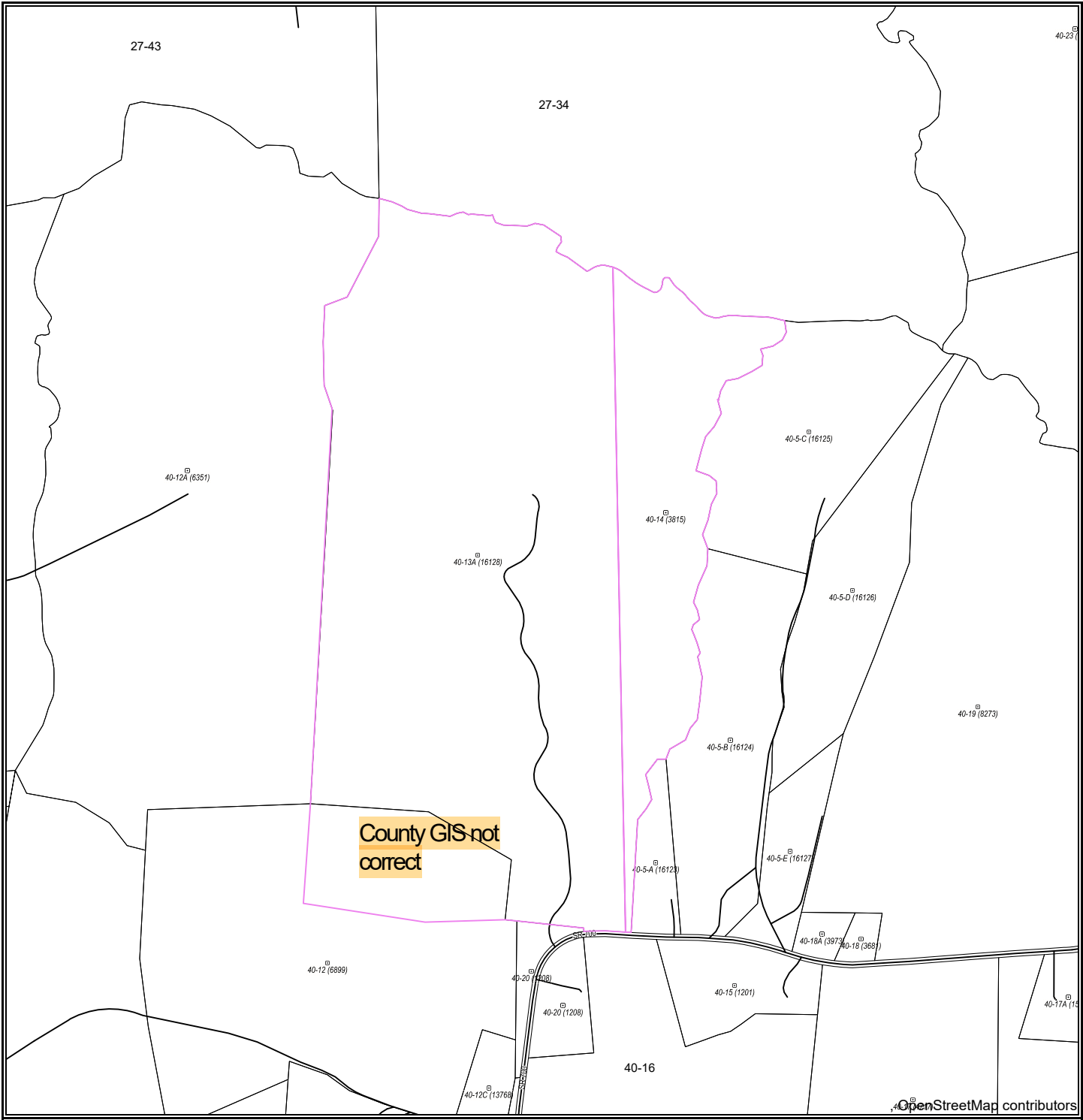
0/0

Sale Date

01/17/2019

Ownership History

Ownership History					
Owner	Sale Price	Year	Book & Page	Sale Date	Instrument Number
OWEN GRACE LLC	\$0	2019	0/0	01/17/2019	110
BRIAN CALHOUN LLC	\$701,500	2013	0/0	11/07/2013	5/10/2024 2635
AMEEN JULIA WATKINS LIFE ESTATE	\$0	0	247/328	01/01/1900	0



— Landowner Property

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Location

0

City, State, Zip

Tax Map #

40/ / 13/ A /

Acct#

16128

Owner

OWEN GRACE LLC

Land Use Total

\$0

Class

AGR/UNDDEV 20-99 ACR

PID

6377

Building Count

1

Legal Description

NORTH SIDE RT 700 40-13A

Mines & Minerals

Conserv Ease

District

05: DARVILLS

Current Value

Assessment					
Valuation Year	Improvements	Land	Total	Land Use	Land Use Total
2024	\$0	\$57,000	\$57,000	\$26,500	\$26,500

Parcel Addresses

Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner	OWEN GRACE LLC	Sale Price	\$321,000
Co-Owner		Year	2019
Address	7740 BOYDTON PLANK RD	Book & Page	0/0
	ALBERTA, VA 23821	Sale Date	12/11/2019

Ownership History

Ownership History					
Owner	Sale Price	Year	Book & Page	Sale Date	Instrument Number
OWEN GRACE LLC	\$321,000	2019	0/0	12/11/2019	3286
OH ESTER J	\$0	2006	735/180	11/28/2006	5/10/2024
OH BYUNG J & ESTHER J	\$163,000	2004	628/1	05/27/2004	2490

Location

0

City, State, Zip

Tax Map #

40/ / 14/ /

Acct#

3815

Owner

OWEN GRACE LLC

Land Use Total

\$0

Class

AGR/UNDEV 100 UP ACR

PID

11886

Building Count

1

Legal Description

WHITE OAK CREEK 40-14

Mines & Minerals

Conserv Ease

District

05: DARVILLS

Current Value

Assessment					
Valuation Year	Improvements	Land	Total	Land Use	Land Use Total
2024	\$0	\$153,100	\$153,100	\$88,800	\$88,800

Parcel Addresses

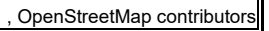
Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner	OWEN GRACE LLC	Sale Price	\$321,000
Co-Owner		Year	2019
Address	7740 BOYDTON PLANK RD	Book & Page	0/0
	ALBERTA, VA 23821	Sale Date	12/11/2019

Ownership History

Ownership History					
Owner	Sale Price	Year	Book & Page	Sale Date	Instrument Number
OWEN GRACE LLC	\$321,000	2019	0/0	12/11/2019	3286
OH ESTER J	\$0	2006	735/180	11/28/2006	5/10/2024
OH BYUNG J & ESTHER J	\$163,000	2004	628/1	05/27/2004	2490



1 INCH = 833 FT.

N

Location

0

City, State, Zip

Tax Map #

70/ / 60/ A /

Acct#

4216

Owner

OWEN GRACE LLC

Land Use Total

\$0

Class

AGR/UNDEV 100 UP ACR

PID

12309

Building Count

1

Legal Description

PART OF HAMILTON ARMS
TRACT TRACT 360 70-60A

Mines & Minerals

Conserv Ease

District

03: ROWANTY

Current Value

Assessment					
Valuation Year	Improvements	Land	Total	Land Use	Land Use Total
2024	\$0	\$334,400	\$334,400	\$155,100	\$155,100

Parcel Addresses

Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner	OWEN GRACE LLC	Sale Price	\$0
Co-Owner		Year	2019
Address	7740 BOYDTON PLANK RD	Book & Page	0/0
	ALBERTA, VA 23821	Sale Date	01/17/2019


Ownership History

Ownership History					
Owner	Sale Price	Year	Book & Page	Sale Date	Instrument Number
OWEN GRACE LLC	\$0	2019	0/0	01/17/2019	110
BRIAN CALHOUN LLC	\$345,000	2018	0/0	02/22/2018	534


Soil Map—Dinwiddie County Area, Virginia (Calhoun)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dinwiddie County Area, Virginia

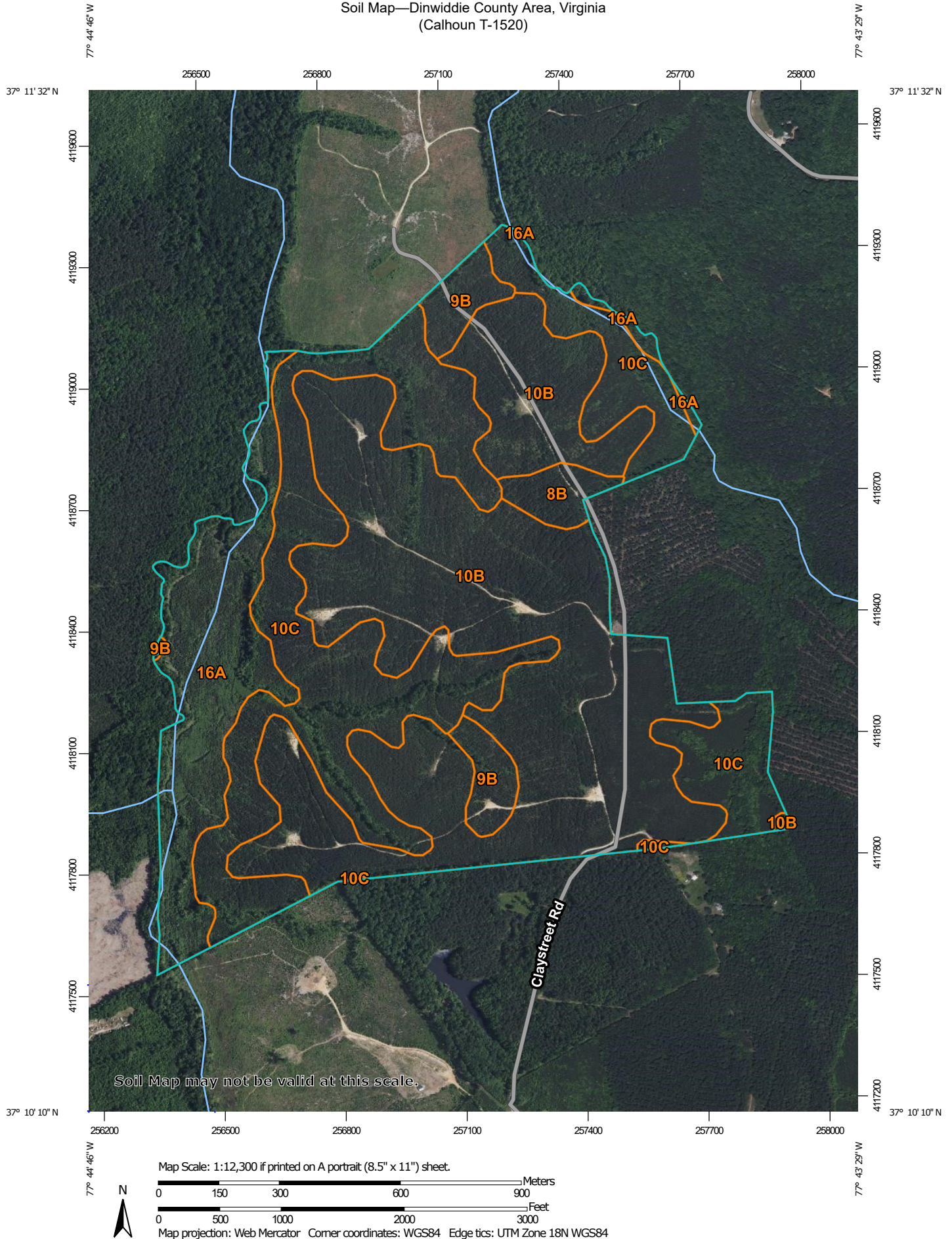
Survey Area Data: Version 10, Aug 25, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 19, 2022—Jul 12, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Dinwiddie County Area, Virginia (Calhoun T-1520)



**Natural Resources
Conservation Service**

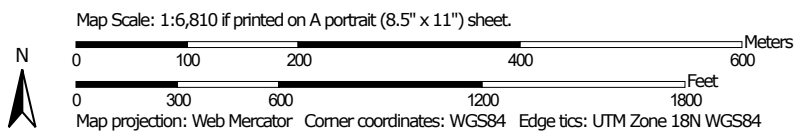
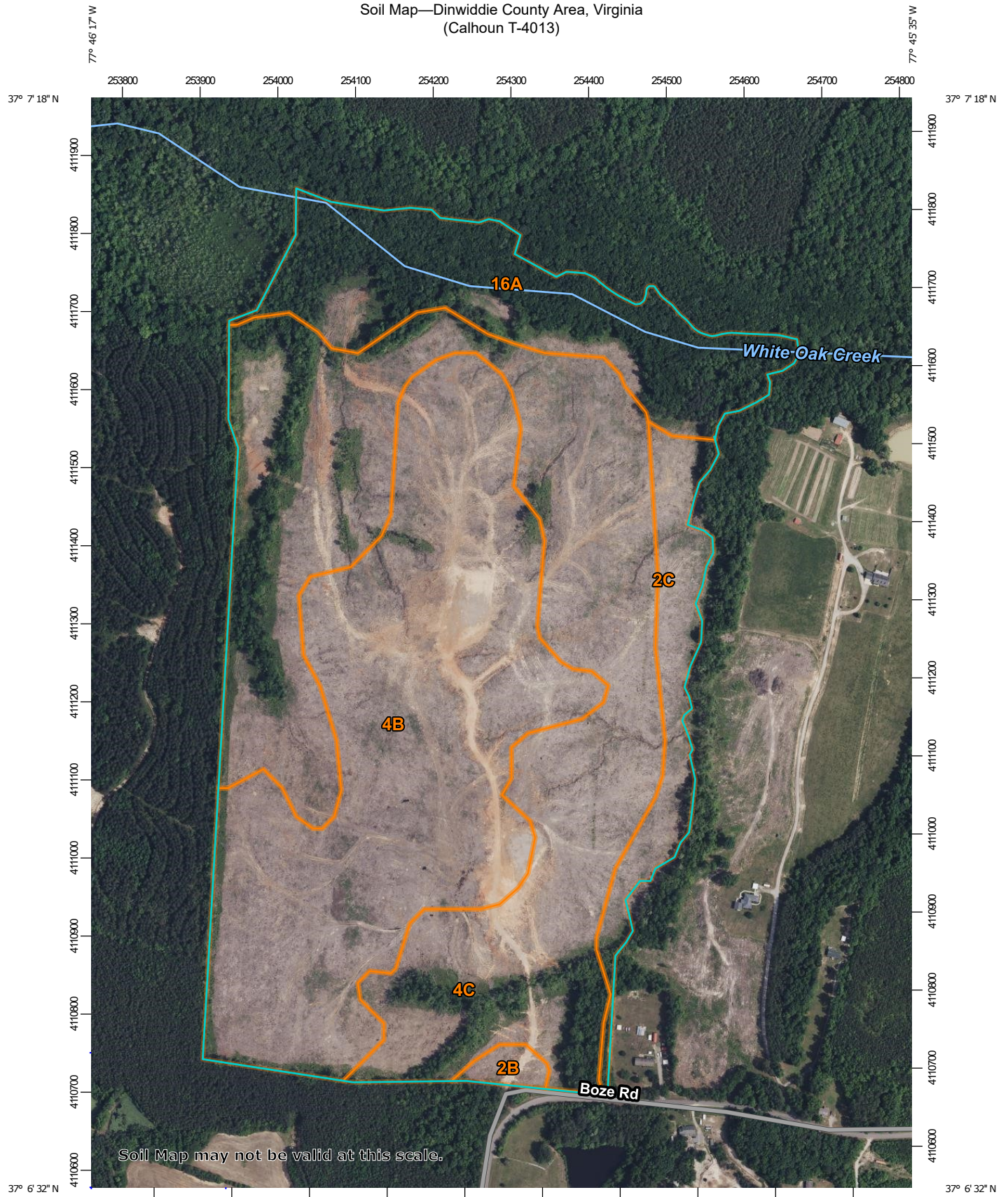
Web Soil Survey
National Cooperative Soil Survey

5/10/2024
Page 1 of 3

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
8B	Georgeville silt loam, 2 to 7 percent slopes	7.2	1.7%
9B	Helena loam, 2 to 7 percent slopes	14.9	3.5%
10B	Herndon loam, 2 to 7 percent slopes	211.3	50.0%
10C	Herndon loam, 7 to 15 percent slopes	133.7	31.6%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	55.6	13.2%
Totals for Area of Interest		422.7	100.0%

Soil Map—Dinwiddie County Area, Virginia (Calhoun T-4013)



Natural Resources
Conservation Service

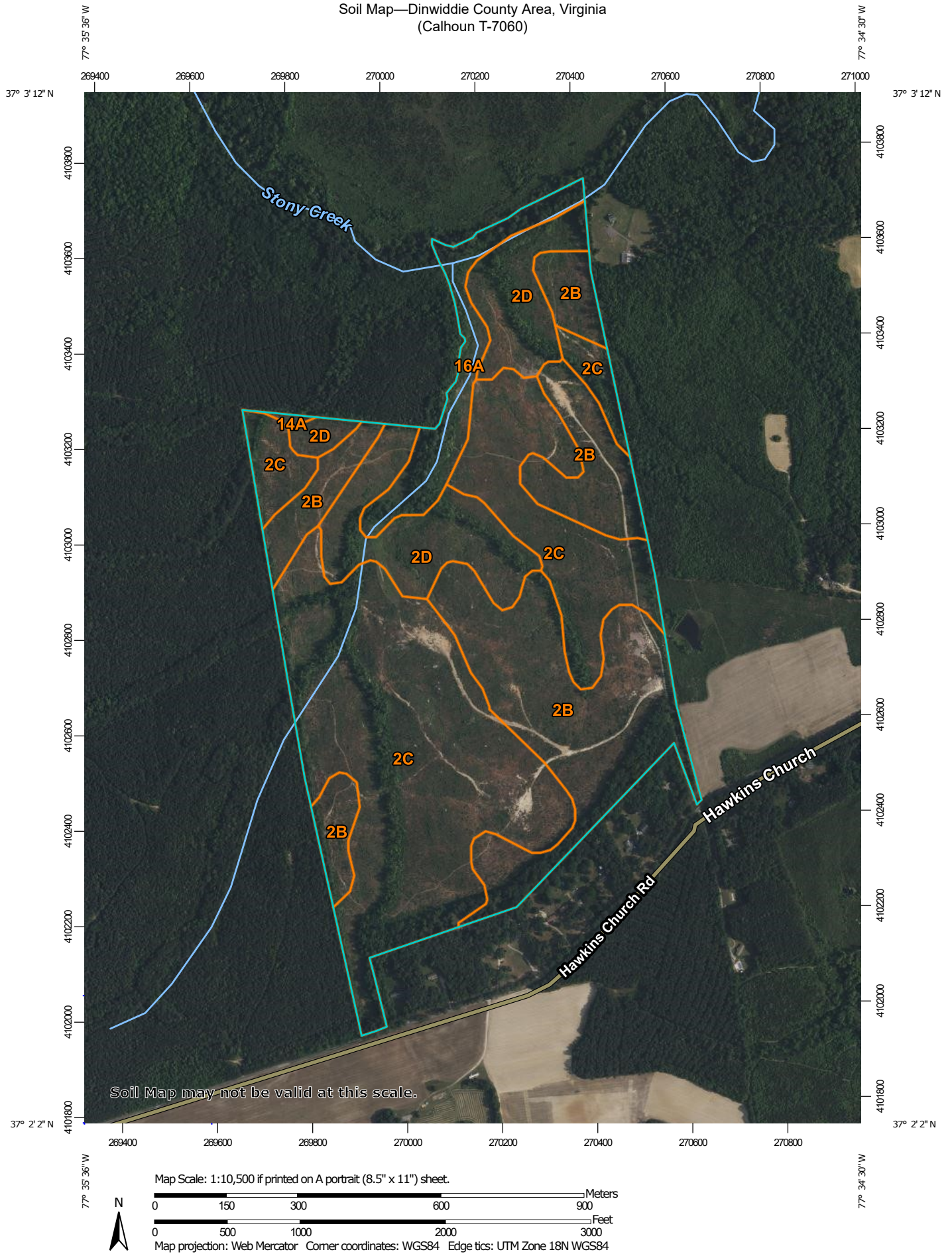
Web Soil Survey
National Cooperative Soil Survey

5/10/2024
Page 1 of 3

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2B	Appling sandy loam, 2 to 7 percent slopes	1.1	0.7%
2C	Appling sandy loam, 7 to 15 percent slopes	8.9	5.7%
4B	Cecil sandy loam, 2 to 7 percent slopes	58.2	37.1%
4C	Cecil sandy loam, 7 to 15 percent slopes	67.0	42.8%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	21.4	13.7%
Totals for Area of Interest		156.7	100.0%

Soil Map—Dinwiddie County Area, Virginia (Calhoun T-7060)




Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2B	Appling sandy loam, 2 to 7 percent slopes	70.0	30.7%
2C	Appling sandy loam, 7 to 15 percent slopes	110.5	48.4%
2D	Appling sandy loam, 15 to 25 percent slopes	33.7	14.8%
14A	Myatt silt loam, 0 to 2 percent slopes, occasionally flooded	0.4	0.2%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	13.7	6.0%
Totals for Area of Interest		228.4	100.0%

Depth to Water Table—Dinwiddie County Area, Virginia (Calhoun)

MAP LEGEND

Area of Interest (AOI)





 Area of Interest (AOI)

Soils







Soil Rating Polygons


-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Lines

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Points






-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200

 Not rated or not available

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

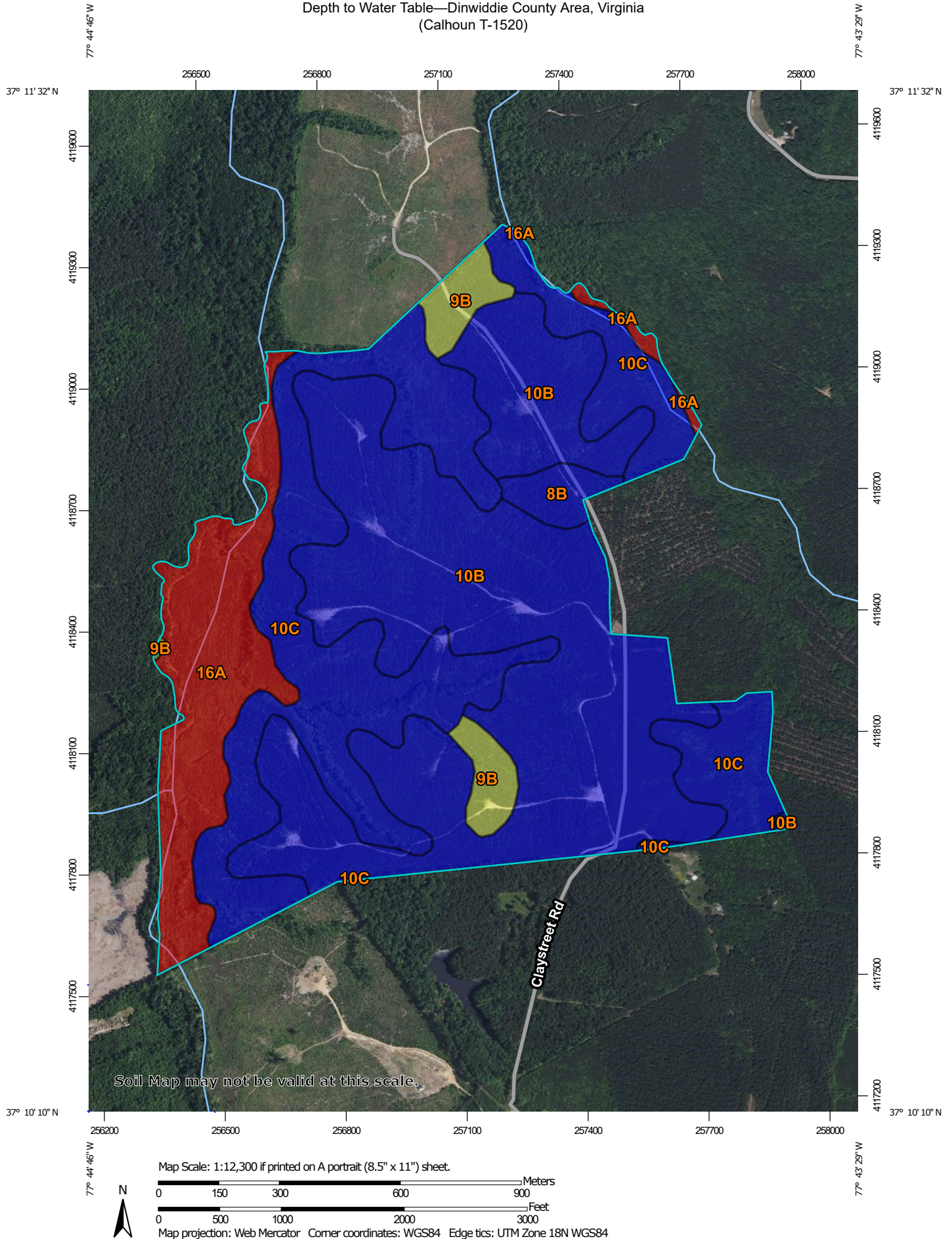
Soil Survey Area: Dinwiddie County Area, Virginia
Survey Area Data: Version 10, Aug 25, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 19, 2022—Jul 12, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Water Table—Dinwiddie County Area, Virginia
(Calhoun T-1520)



Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
8B	Georgeville silt loam, 2 to 7 percent slopes	>200	7.2	1.7%
9B	Helena loam, 2 to 7 percent slopes	61	14.9	3.5%
10B	Herndon loam, 2 to 7 percent slopes	>200	211.3	50.0%
10C	Herndon loam, 7 to 15 percent slopes	>200	133.7	31.6%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	15	55.6	13.2%
Totals for Area of Interest			422.7	100.0%

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

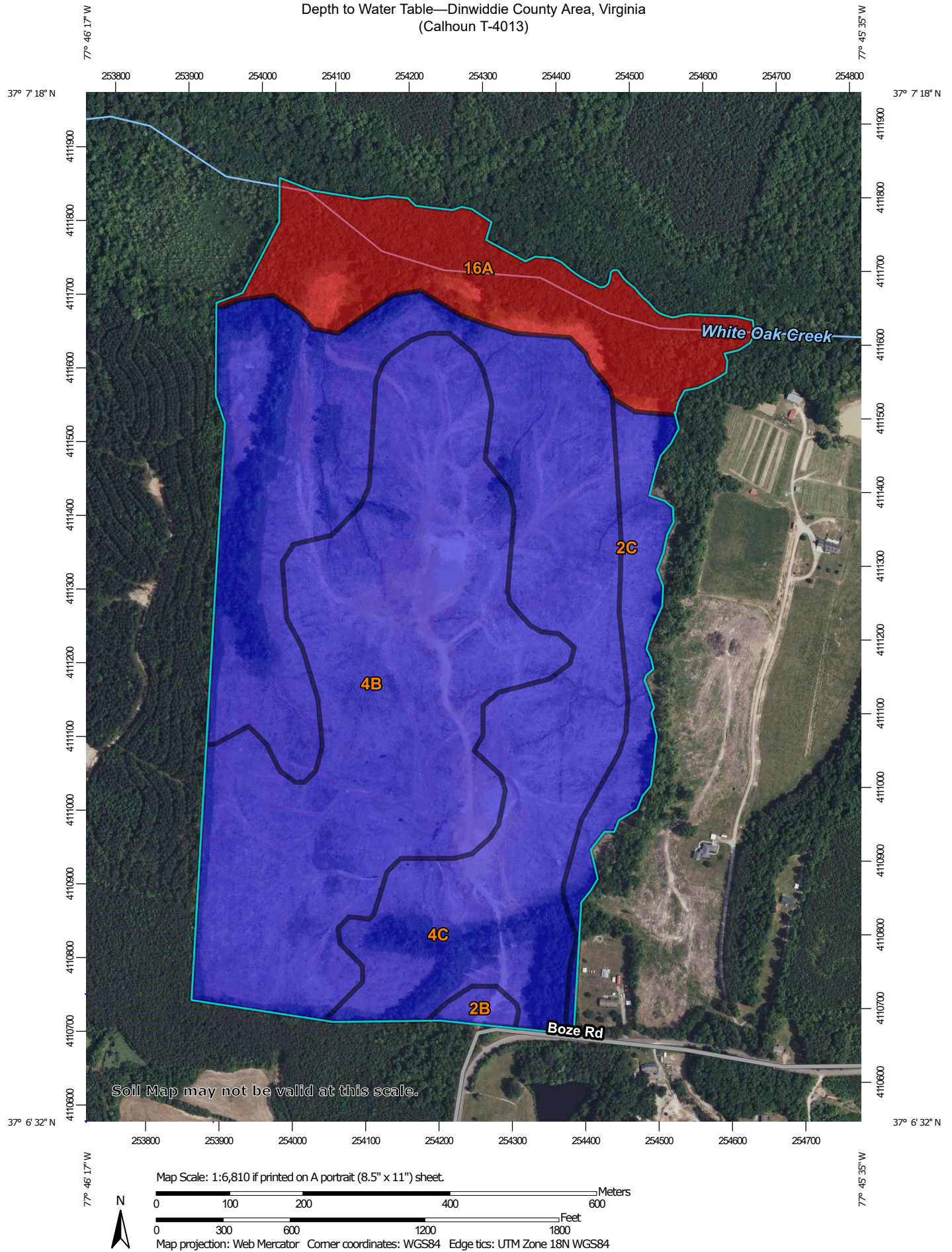
Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

Depth to Water Table—Dinwiddie County Area, Virginia
(Calhoun T-4013)



Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
2B	Appling sandy loam, 2 to 7 percent slopes	>200	1.1	0.7%
2C	Appling sandy loam, 7 to 15 percent slopes	>200	8.9	5.7%
4B	Cecil sandy loam, 2 to 7 percent slopes	>200	58.2	37.1%
4C	Cecil sandy loam, 7 to 15 percent slopes	>200	67.0	42.8%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	15	21.4	13.7%
Totals for Area of Interest			156.7	100.0%

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

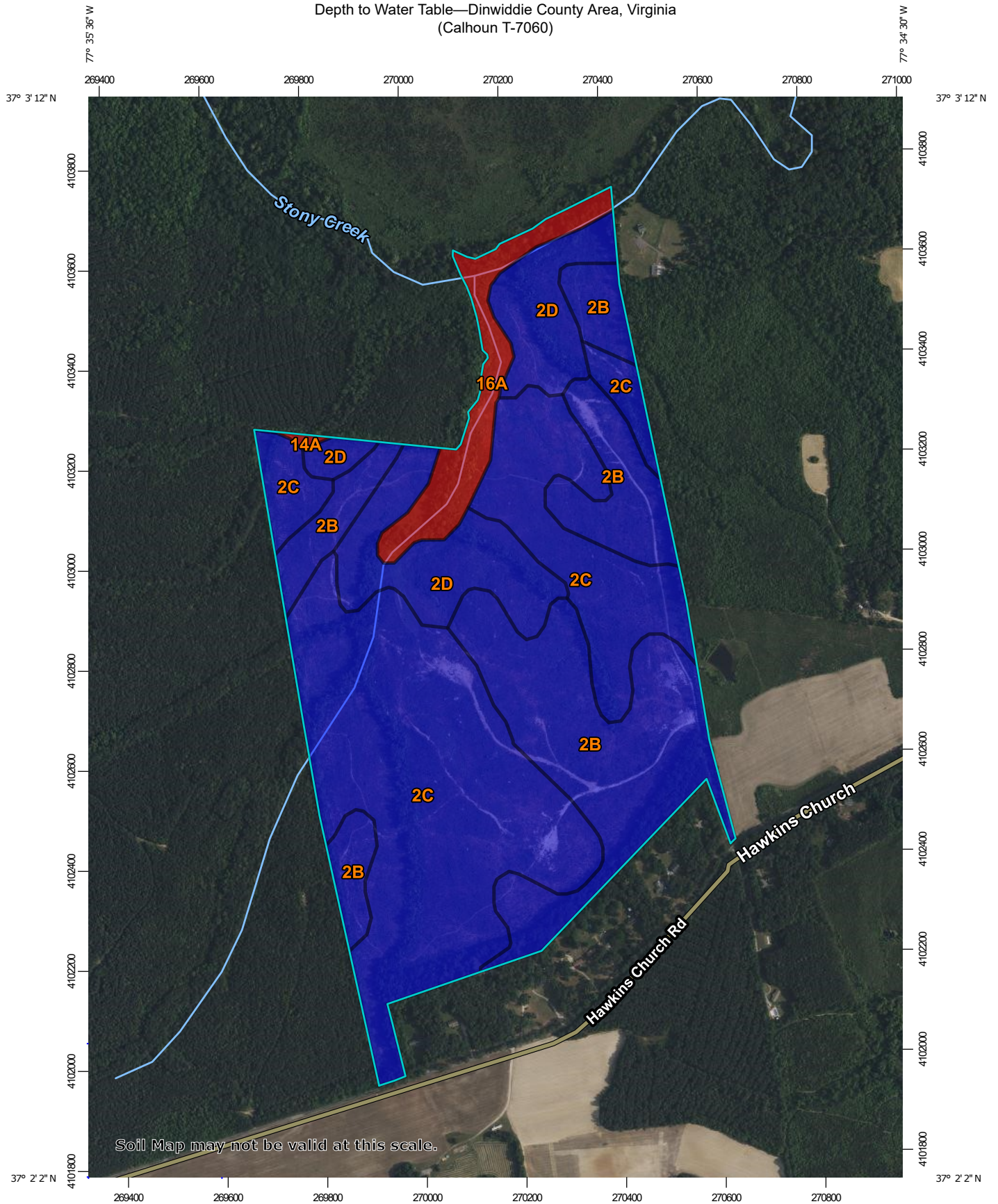
Tie-break Rule: Lower

Interpret Nulls as Zero: No

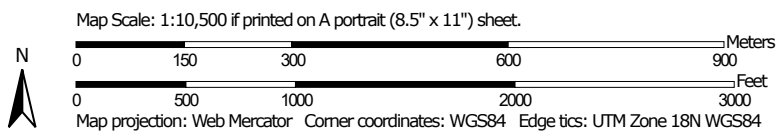
Beginning Month: January

Ending Month: December

Depth to Water Table—Dinwiddie County Area, Virginia
(Calhoun T-7060)



Soil Map may not be valid at this scale.



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/10/2024
Page 1 of 3

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
2B	Appling sandy loam, 2 to 7 percent slopes	>200	70.0	30.7%
2C	Appling sandy loam, 7 to 15 percent slopes	>200	110.5	48.4%
2D	Appling sandy loam, 15 to 25 percent slopes	>200	33.7	14.8%
14A	Myatt silt loam, 0 to 2 percent slopes, occasionally flooded	15	0.4	0.2%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	15	13.7	6.0%
Totals for Area of Interest			228.4	100.0%

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

Map Legend



House / Occupied Dwelling with a well

- 200' buffer - dwelling (with conditions for reduction)
- 100' buffer - well



Well / Spring

- 100' buffer



Rock / Limestone Outcrop

- 25' buffer - rock outcrop
- 50' buffer - limestone outcrop



Sink Hole

- 100' buffer



Water (surface)

- 35' w/ vegetative buffer; 100' w/out vegetative buffer



Publicly Accessible Site

- 200' buffer Publicly Accessible Site Property line
- 400' buffer Odor Sensitive Site



Slope which exceeds 15%



Stream / River

- 35' w/ vegetative buffer; 100' w/out vegetative buffer



Agricultural / Drainage Ditch

- 10' buffer



Roadway

- 10' improved highway buffer



Field Boundary

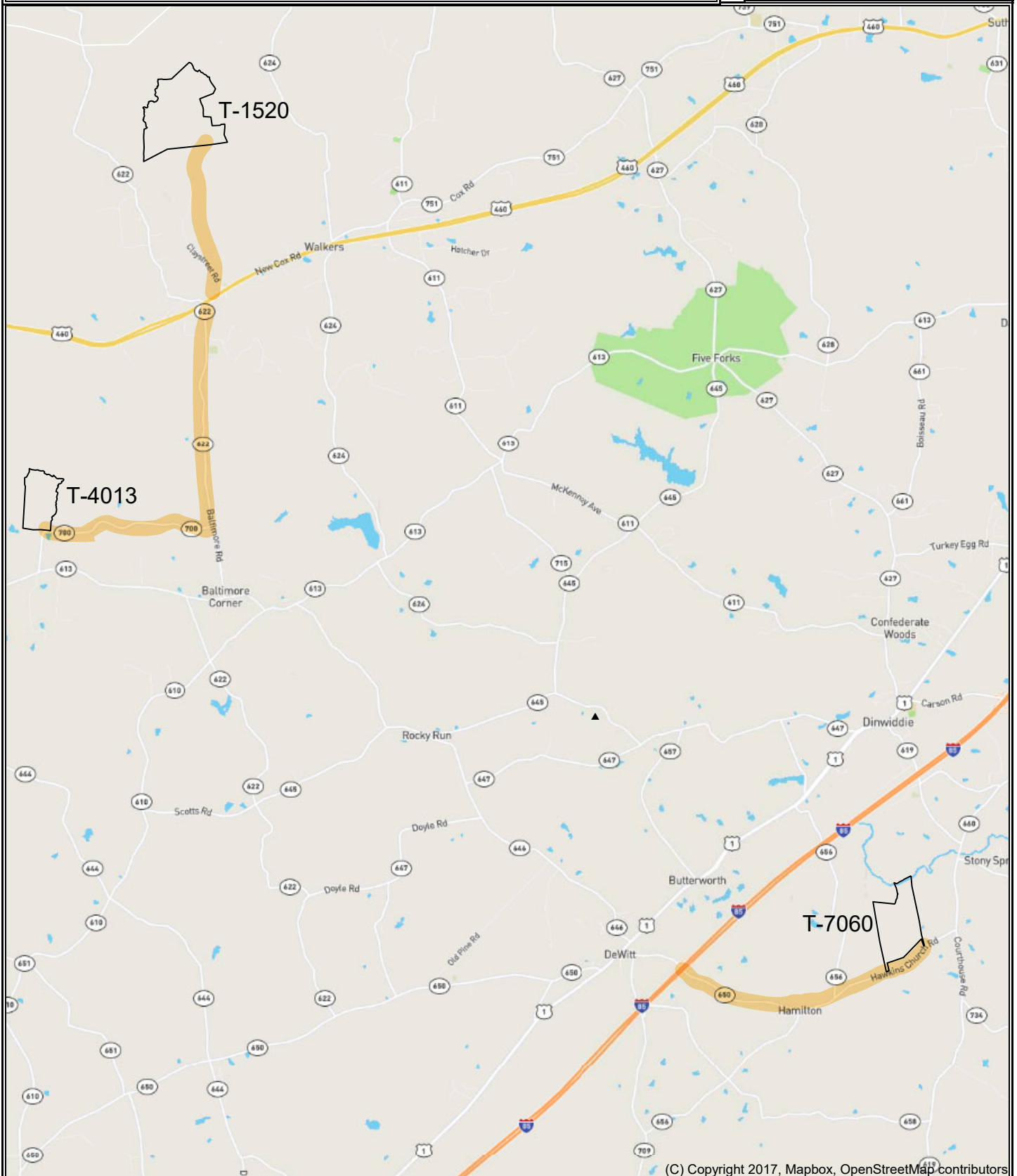


Property Line

- 100' buffer unless waiver issued

Nutri Blend

CALHOUN
T-1520 T-4013
T-7060




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1:100,000

LOCATION MAP

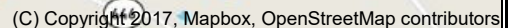
1 inch = 8,333 ft

 Haul Route

calhoun

5/10/2024





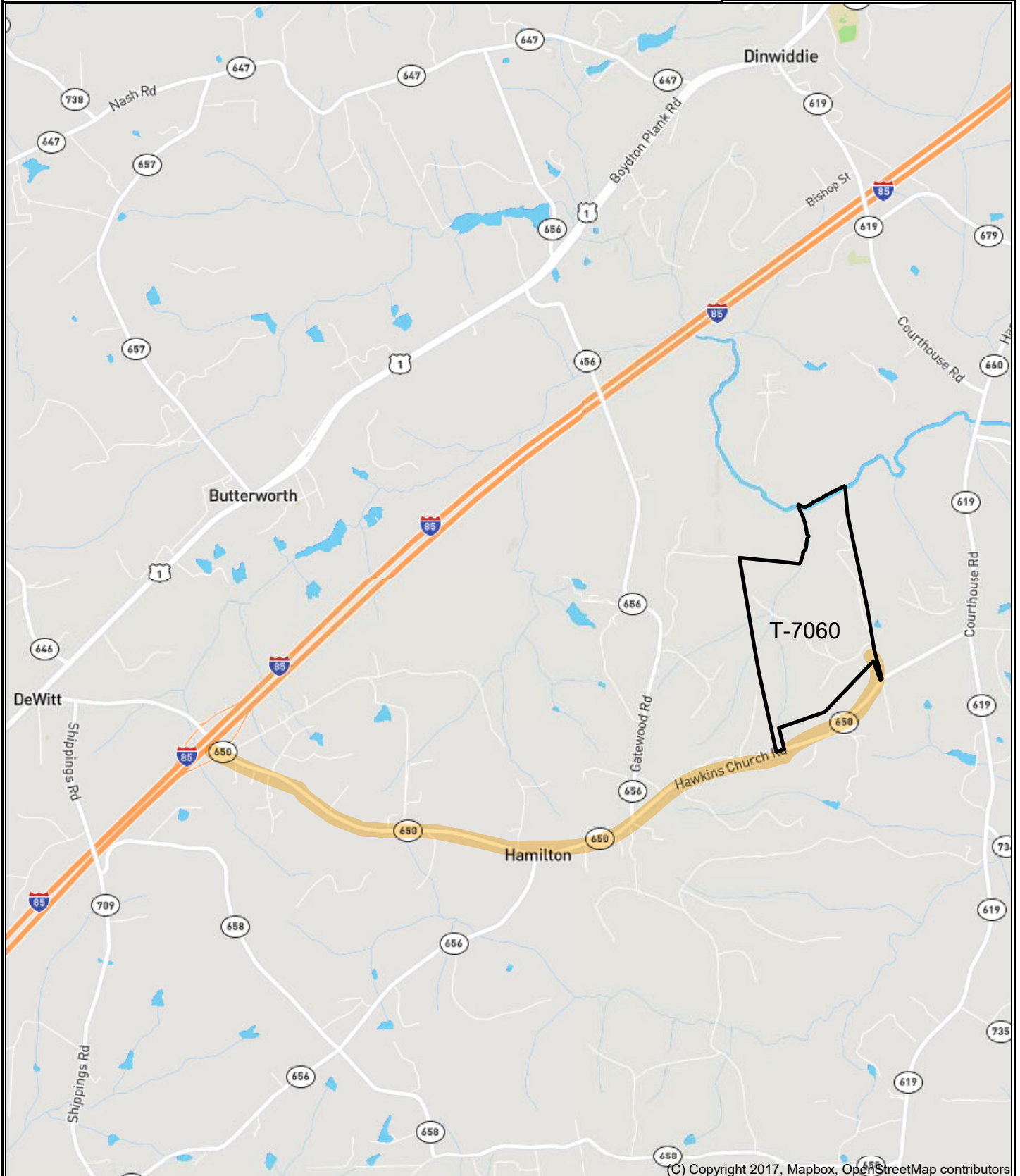
1 inch = 6,018 ft.

5/10/2024



Nutri Blend


CALHOUN
T-7060



1:36,111

LOCATION MAP

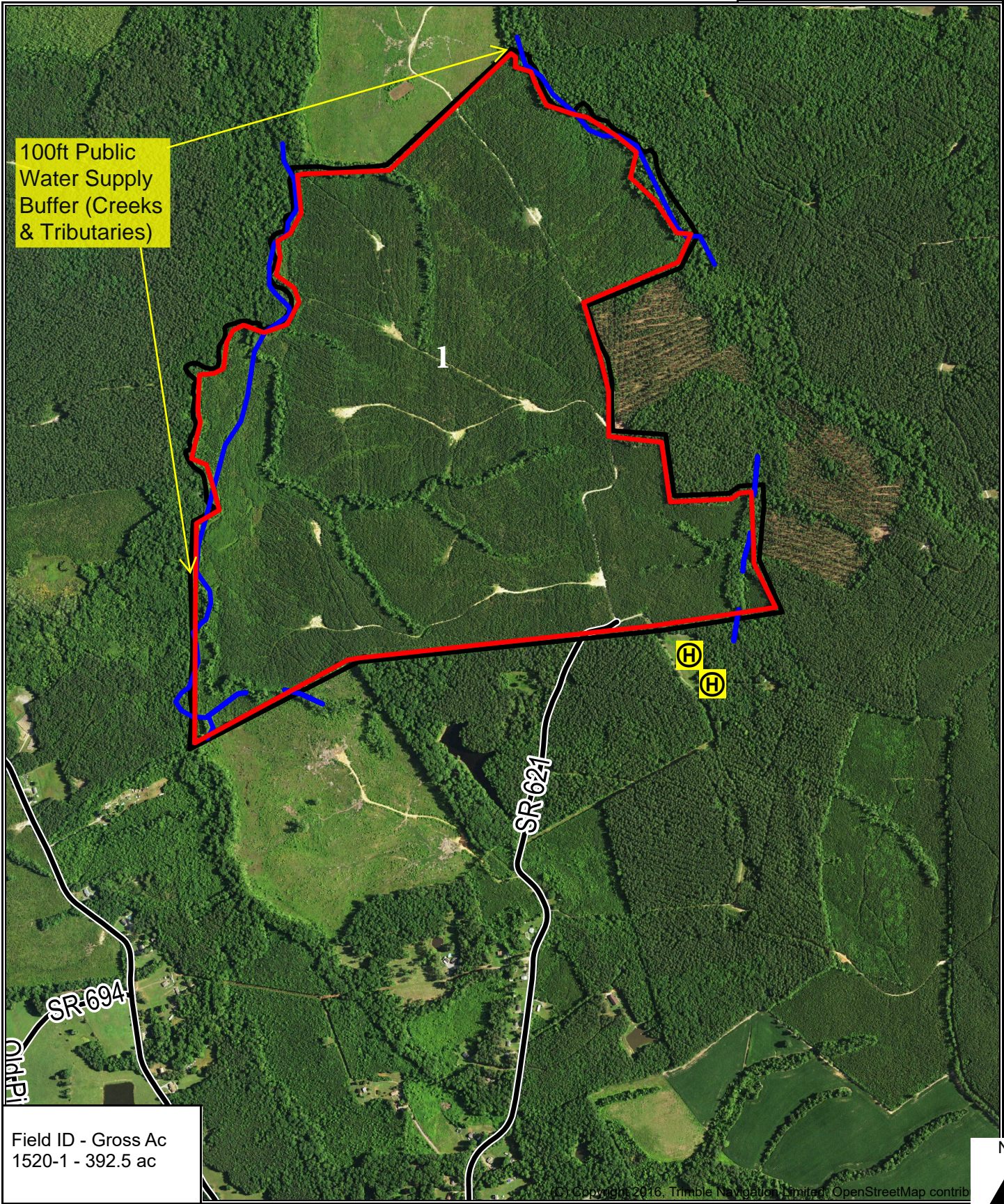
1 inch = 3,009 ft.

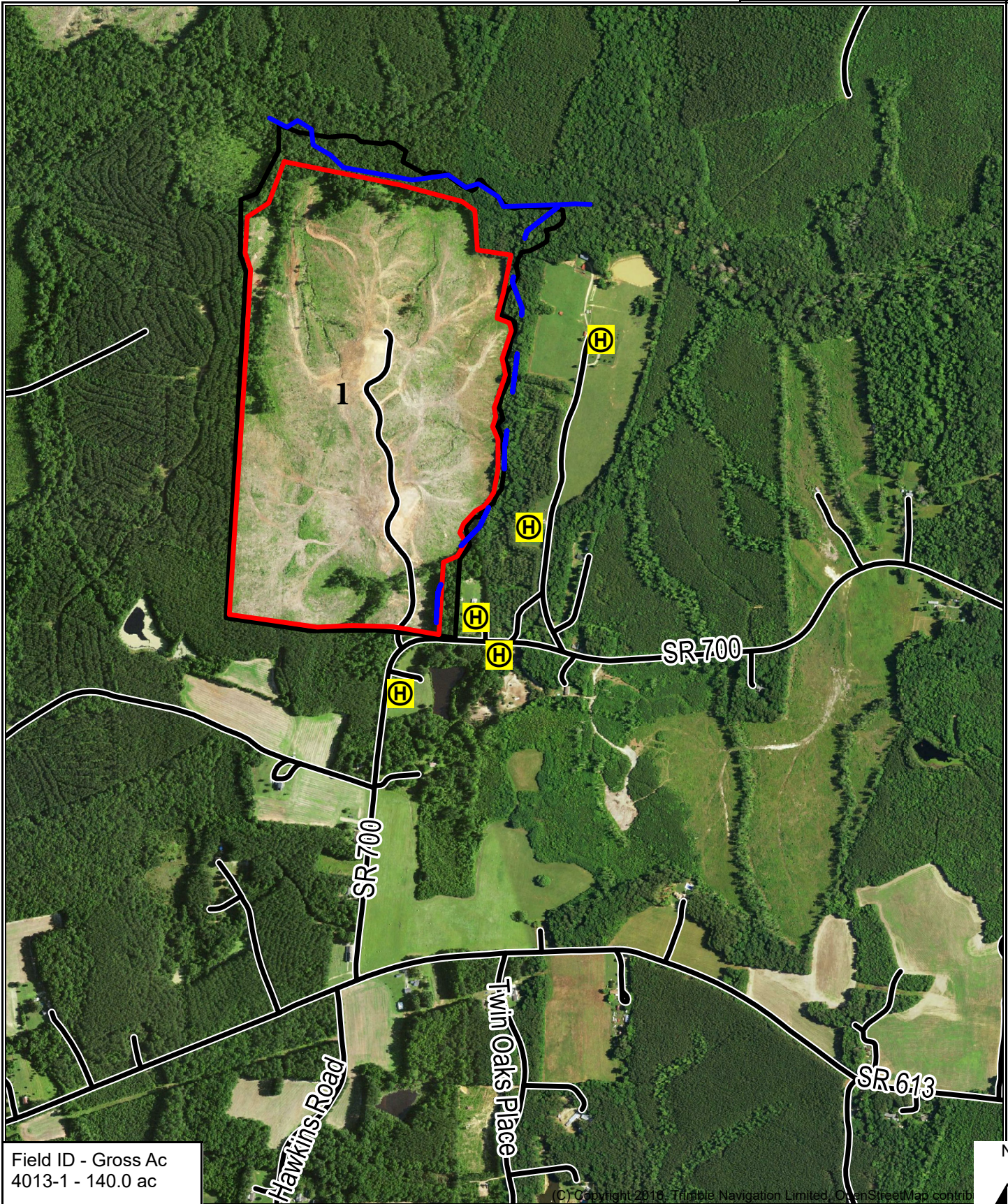
 Haul Route

calhoun

5/10/2024





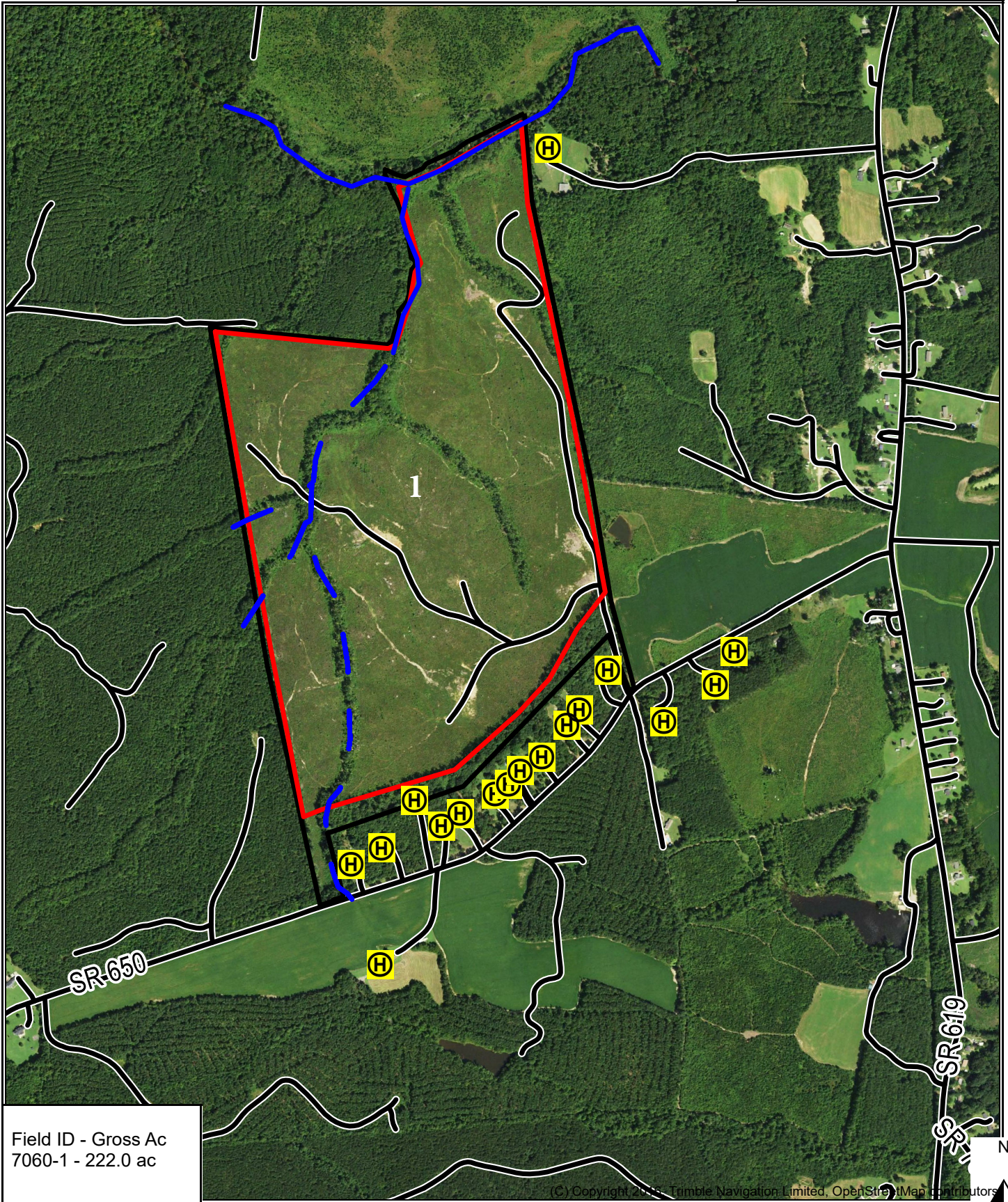


1:12,000

AERIAL MAP
calhoun

1 INCH = 1,000 FT.

5/10/2024



Field ID - Gross Ac
7060-1 - 222.0 ac

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1:12,000

AERIAL MAP
calhoun

1 INCH = 1,000 FT.

5/10/2024

100ft Public
Water Supply
Buffer (Creeks &
all Tributaries)

1

(H)

(H)

SR-694

SR-621

BM
241

Norris Cem.

Field ID - Gross Ac
1520-1 - 392.5 ac

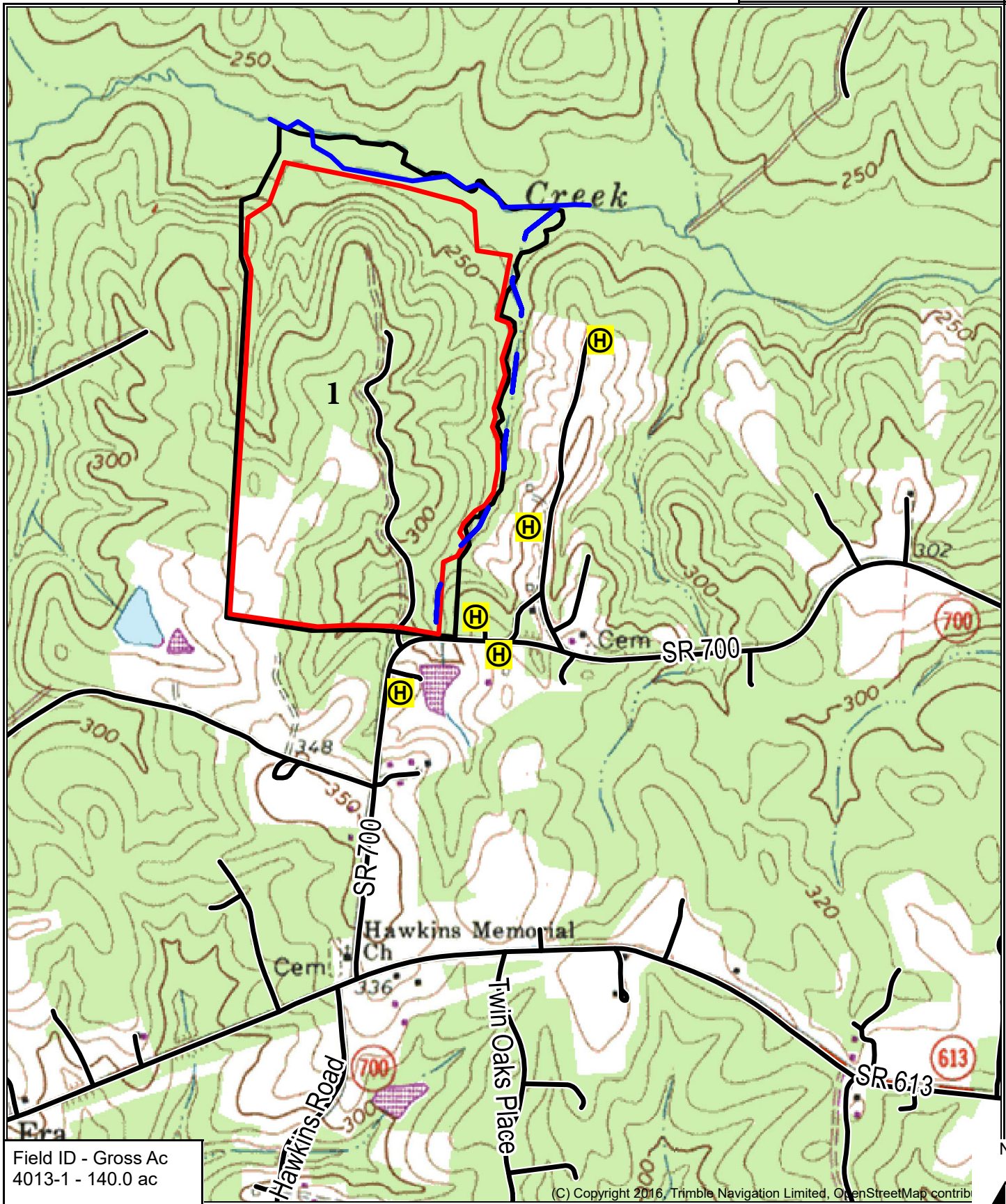
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1:14,000

TOPO MAP
calhoun

1 INCH = 1,166 FT.

5/10/2024



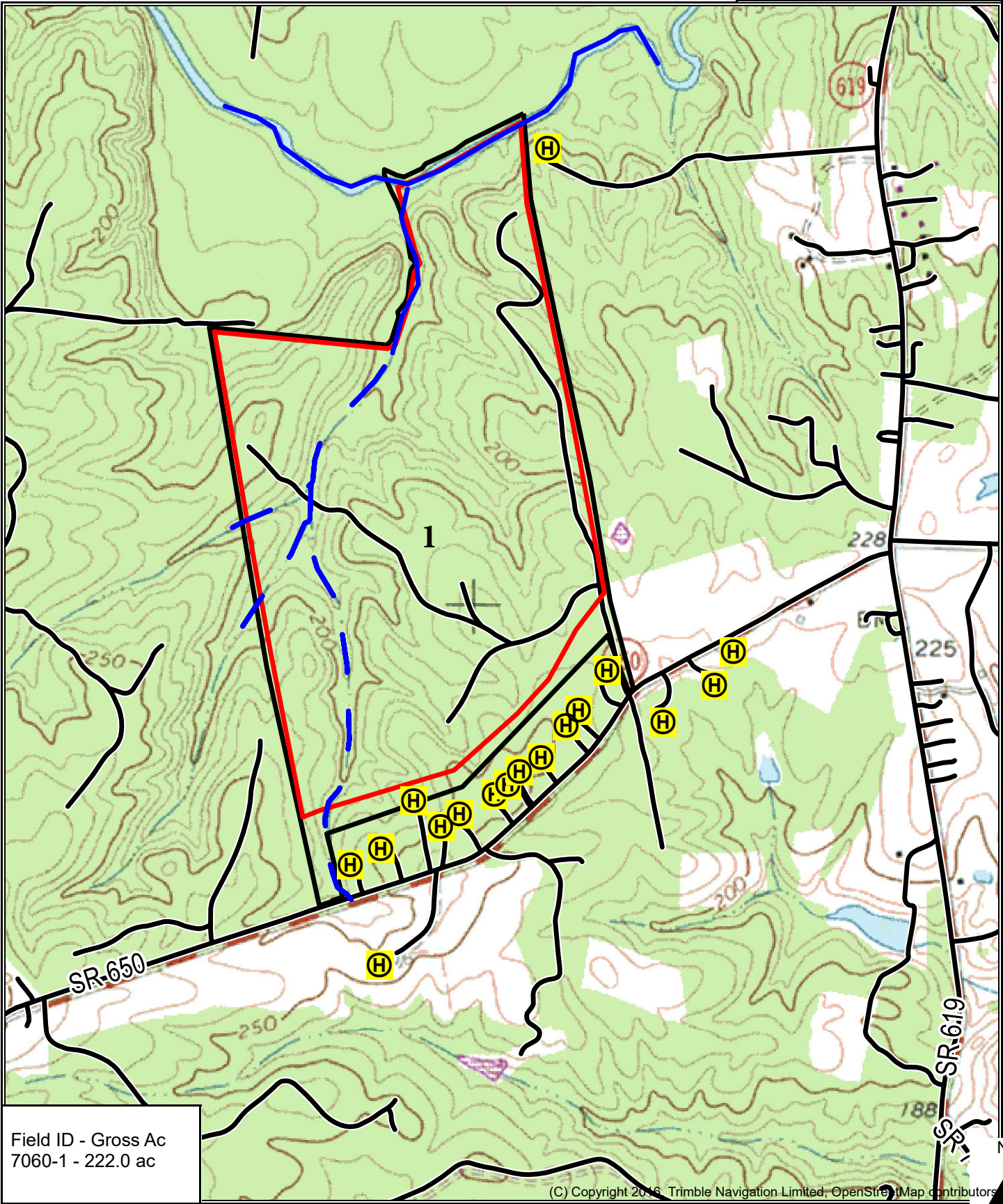
Field ID - Gross Ac
4013-1 - 140.0 ac

1:12,000

TOPO MAP
calhoun

1 INCH = 1,000 FT.

5/10/2024



Field ID - Gross Ac
7060-1 - 222.0 ac

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1:12,000

TOPO MAP
calhoun

1 INCH = 1,000 FT.

5/10/2024

