

Nutri Blend

LAND APPLICATION OF BIOSOLIDS

JEFFREY GIBBS

T-11740

NOTTOWAY, VIRGINIA

JULY 2024



SITE BOOK INFORMATION

COUNTY: Nottoway County - VPA03023
SITE BOOK NAME: JEFFREY GIBBS **LOA DATE:** 4/30/2024
TRACT NUMBERS: T-11740

LATITUDE / LONGITUDE: 37.230 / -78.229 {Determined by Online Maps}

LANDOWNER NAME: Jeffrey D Gibbs

OPERATORS NAME: Jeffrey "Bo" Gibbs
ADDRESS: 320 Piney Run Road
 Burkeville, VA 23922
TELEPHONE #: 434-298-7877

GENERAL FARM TYPE: Silviculture

DEQ CONTROL #	FIELD ID #	GROSS ACRES	TAX ID #
1 51135-00468-0000	11740-1	105.0	7-50
2 51135-00468-0000	11740-2	77.0	7-44A

TOTAL GROSS ACRES 182.0
TOTAL NUMBER OF FIELDS 2

**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 4/30/2024 between Jeffery D Gibbs referred to here as "Landowner", and Nutri-blend, INC, 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 Nottoway, 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
7-50			
7-44A			

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.

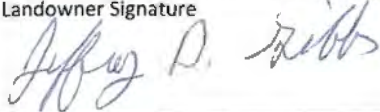
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Printed name <u>Jeffery D Gibbs</u>	Mailing Address <u>320 Piney Run Lane Burkeville, VA 23922</u>	Landowner Signature 
By: Title	Phone No. <u>434-298-7877</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 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-blend, Inc, 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 Richmond, VA 23231</u>	Permittee- Authorized Representative Signature 
Title <u>Office Manager</u>	Phone No. <u>804-222-7514</u>	

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

Permittee: Nutri-blend, INC County or City: Nottoway County
Landowner: Jeffery D Gibbs

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. Feed 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).

Jeffery D Gibbs 4/30/2024
Landowner's Signature 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: Jeffrey Gibbs

County or City: Nottoway County

Please Print

(Landowner signatures are not required on this

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
7-50	Jeffrey D Gibbs
7-44A	Jeffrey D Gibbs

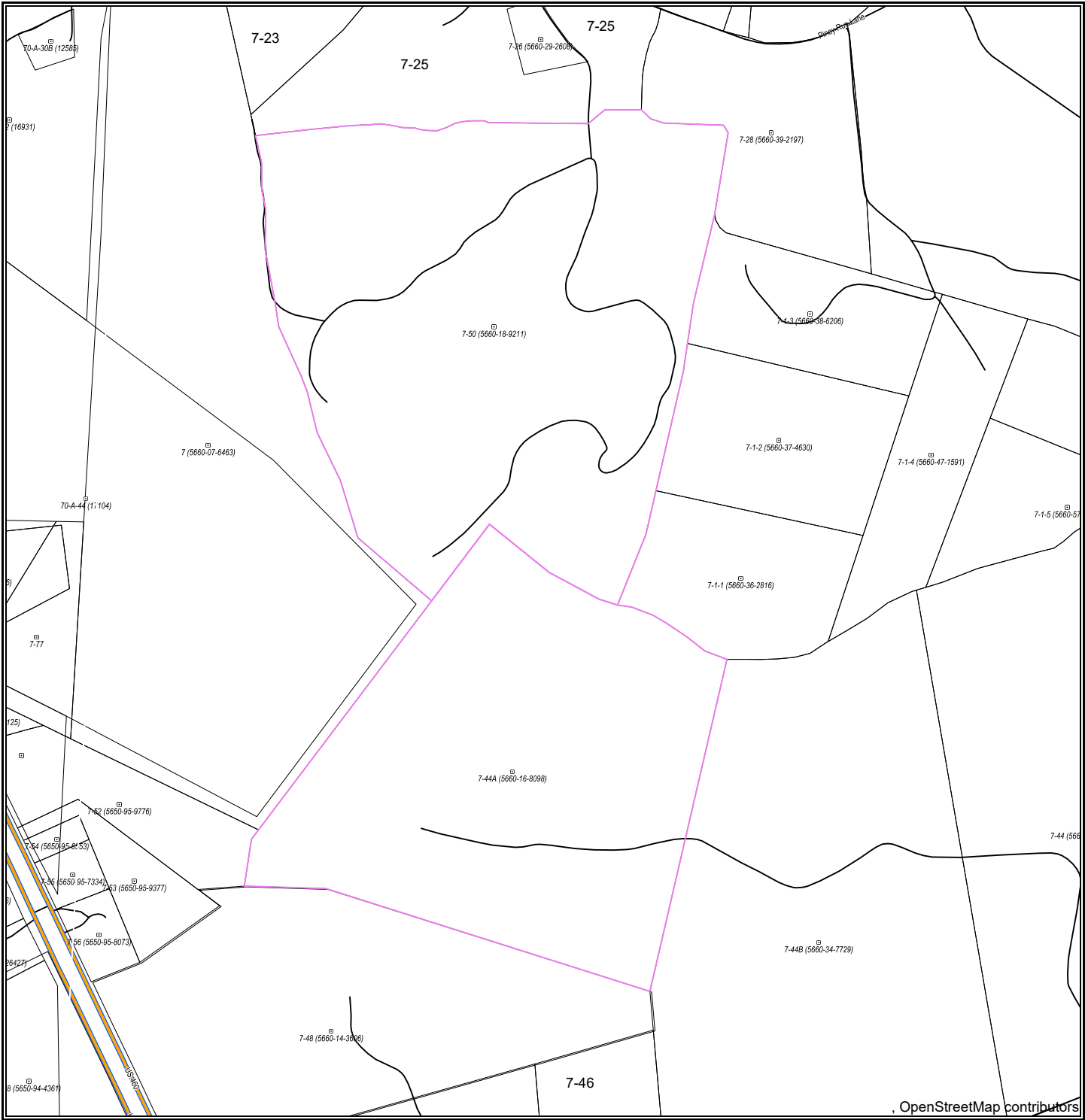


FIELD DATA SHEET

SITE NAME: JEFFREY GIBBS

TRACT: T-11740

	FIELD #	GROSS ACRES	FIELD TYPE	FIELD COORDINATES		OWNER
				LATITUDE	LONGITUDE	
1	11740-1	105.0	Silviculture	37.230	-78.229	Jeffrey D Gibbs
2	11740-2	77.0	Silviculture	37.230	-78.229	Jeffrey D Gibbs
	TOTAL	182.0				



1:9,027

TAX MAP

1 INCH = 752 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.

jeffrey gibbs

3/4/2024



[Return to Property Card or Search Results](#)

Property Identification Run Dt: 1/16/2024 Owner Name/Address
 Map #: 7 44A GIBBS, JEFFREY D.
 Acct #: 001036092-001 320 PINEY RUN LN
 Address: BURKEVILLE, VA 23922
 City/St:

Legal Description 001 of 01
 HAYTOKAH DISTRICT
 ADJ. JONES & MORGAN

Occupancy: VACANT Year Built:
 Dwl Type: MH/Type: / Year Rmld:
 Use/Class: /AGRICULTURAL-20 TO 99 AC Year Effct:
 Year Assd: 2023 Condition:
 Zoning: On Site Date: (FWP) 5/02/2023
 Dist: Review Date: (FWP) 5/02/2023

Deed Bk/Pg: 343/ 523/
 Plat Bk/Pg: 343/ 526/
 Acreage: 88.960
 Land Use:
 Total Mineral:
 Total Land: 151200
 Total Imp:
 Total Value: 151200

Improvement Description		Site
Exterior	Interior	
		SITE-GRAVEL TOPO-LEVEL

Land Valuation							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A 18	WOODED GRA	K	88.960		1350.00		120096
A 98	TIMBER	K	88.960		350.00		31136
Total Land Value			88.960				151200

Comments	
VACANT 2004	
Total Property Value 151200	

Sec	Type	Str	Description	Area
Total Square Feet				
		Cur. Value	Prev. Value	%Chg.
Land		151200	124500	21%
Improvements				
Total		151200	124500	21%
Average Price Per Acre			1350	
Sale Date/Amount		1/24/2002		83333

Disclaimer By using this site, you agree to release all liability arising from use of this website and its results. The data is provided without warranty of any kind either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

[Return to Property Card or Search Results](#)

Property Identification	Run Dt: 1/16/2024	Owner Name/Address	Legal Description
Map #: 7 50		GIBBS, JEFFREY D.	001 of 02
Acct #: 000309200-001		320 PINEY RUN LN	320 PINEY RUN LN
Address: 000320 PINEY RUN LN		BURKEVILLE, VA 23922	HAYTOKAH DISTRICT
City/St: BURKEVILLE, VA 23922			ADJ. WEAVER & ALS.

Occupancy: DWELLING	Year Built: 2007	Deed Bk/Pg: 0283/ 350/
Dwl Type: RANCH	Year Rmld:	Plat Bk/Pg: 0000/ /
Use/Class: /AGRICULTURAL-OVER 99 AC	Year Effct: 2007	Acreage: 106.700
Year Assd: 2023	Condition: GOOD	Land Use:
Zoning:	On Site Date: (FWP) 5/02/2023	Total Mineral:
Dist:	Review Date: (FWP) 5/02/2023	Total Land: 182100
		Total Imp: 364800
		Total Value: 546900

Improvement Description				
Exterior	Interior	Site		
EXTR-BRICK	NO. ROOMS - 6	SITE-GRAVEL	:	:
FNDT-SLAB	NO. BEDROOMS - 3	SITE-SEPTIC	:	:
ROOF-COMPOSITION S	NO. BATHS - 3	SITE-WELL	14	14:
	FIREPLACE - 1	TOPO-LEVEL	:	:
	CHIMNEY - 1	TOPO-SLOPING	:WD	:
	FLOR-CARPET			
	FLOR-HARDWOOD			


Dwelling Valuation					
Item	Size	Rate	Value		
DWELLING	2457	111.39	273685	:	:
HEAT-CENTR	2457	2.50	6142	32	:
AIR COND	2457	3.00	7371	:	:
FRPL	1	2000.00	2000	:	:
CHIMNEY	1	2000.00	2000	:	47:
BATH-FULL	3	4000.00	12000	:	:
BSMT-UNF	576	15.00	8640	:DWL	:
WELL	1			+-5-+	:
SEPTIC	1			+-14---2	5 53--9--+
WOOD DECK	476	22.00	10472	+-11--13+	3+ :
Grade Factor (B)			1.20		15 :
Replacement Cost New			386760		:
Phys Depr. % (.080) 2007 - GD			30941	Sec	Type
Total Bldg. Value			355800	DWL	DWELLING

Other Improvements Valuation										
Desc	Length	Width	Size	Grade	Rate	FV/Pct	Value	WD	Description	Area
GAR-BR UN	20.0	20.0	400		30.00	.25	9000	1.00	N32E32E34S47W21N15	2457
							9000		W9S3W3N5W5S5W3N1	
									W11N2W14	
									N14E34S14W34	476
										2933

Land Valuation											
M CIs	Desc	G	Size	Dpth	Rate	FV/Pct	Value	Land	Cur. Value	Prev. Value	%Chg.
A 18	WOODED GRA	L	105.700		1250.00		132125	Improvements	364800	152700	19%
								Total	546900	268600	36%
										421300	30%

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 1:20,000.

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: Nottoway County, Virginia

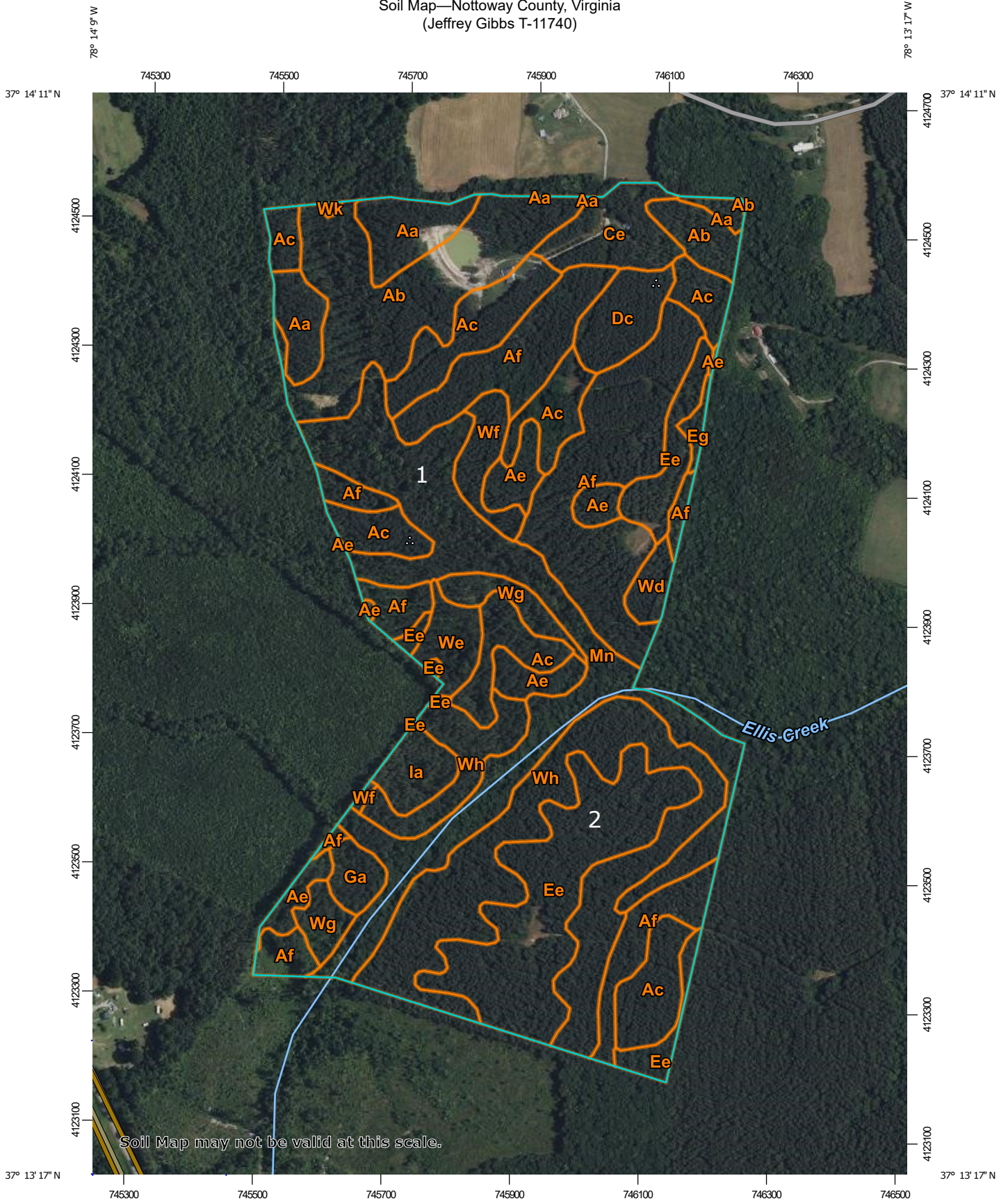
Survey Area Data: Version 18, Sep 5, 2023

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

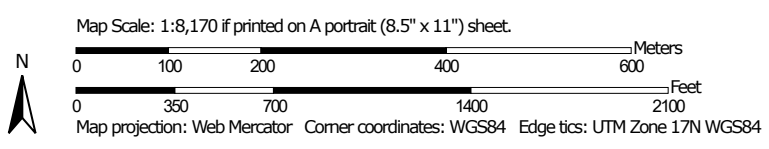
Date(s) aerial images were photographed: May 19, 2022—Jul 1, 2022

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—Nottoway County, Virginia
(Jeffrey Gibbs T-11740)
































Soil Map may not be valid at this scale.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Aa	Appling angular cobbly sandy loam, undulating phase	7.0	3.7%
Ab	Appling angular cobbly sandy loam, rolling phase	19.3	10.3%
Ac	Appling coarse sandy loam, undulating phase	20.9	11.1%
Ae	Appling coarse sandy loam, rolling phase	6.2	3.3%
Af	Appling coarse sandy loam, eroded rolling phase	32.2	17.1%
Ce	Cecil coarse sandy loam, undulating phase	5.0	2.7%
Dc	Durham fine sandy loam, undulating phase	4.0	2.1%
Ee	Enon-Vance-Helena soils, undulating phases	22.5	12.0%
Eg	Enon-Vance-Helena soils, rolling phases	0.6	0.3%
Ga	Gullied land	1.8	1.0%
Ia	Iredell-Mecklenburg loams, undulating phases	2.8	1.5%
Mn	Mixed alluvial land	27.7	14.7%
Wd	Wilkes sandy loam, undulating phase	1.5	0.8%
We	Wilkes sandy loam, rolling phase	2.7	1.4%
Wf	Wilkes sandy loam, eroded rolling phase	3.1	1.6%
Wg	Wilkes sandy loam, hilly phase	3.8	2.0%
Wh	Wilkes sandy loam, eroded hilly phase	26.9	14.3%
Wk	Worsham sandy loam	0.1	0.1%
Totals for Area of Interest		188.2	100.0%

MAP LEGEND

Area of Interest (AOI)	 Not rated or not available
 Area of Interest (AOI)	
Soils	Water Features
Soil Rating Polygons	 Streams and Canals
 0 - 25	Transportation
 25 - 50	 Rails
 50 - 100	 Interstate Highways
 100 - 150	 US Routes
 150 - 200	 Major Roads
 > 200	 Local Roads
 Not rated or not available	Background
	 Aerial Photography
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	

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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.

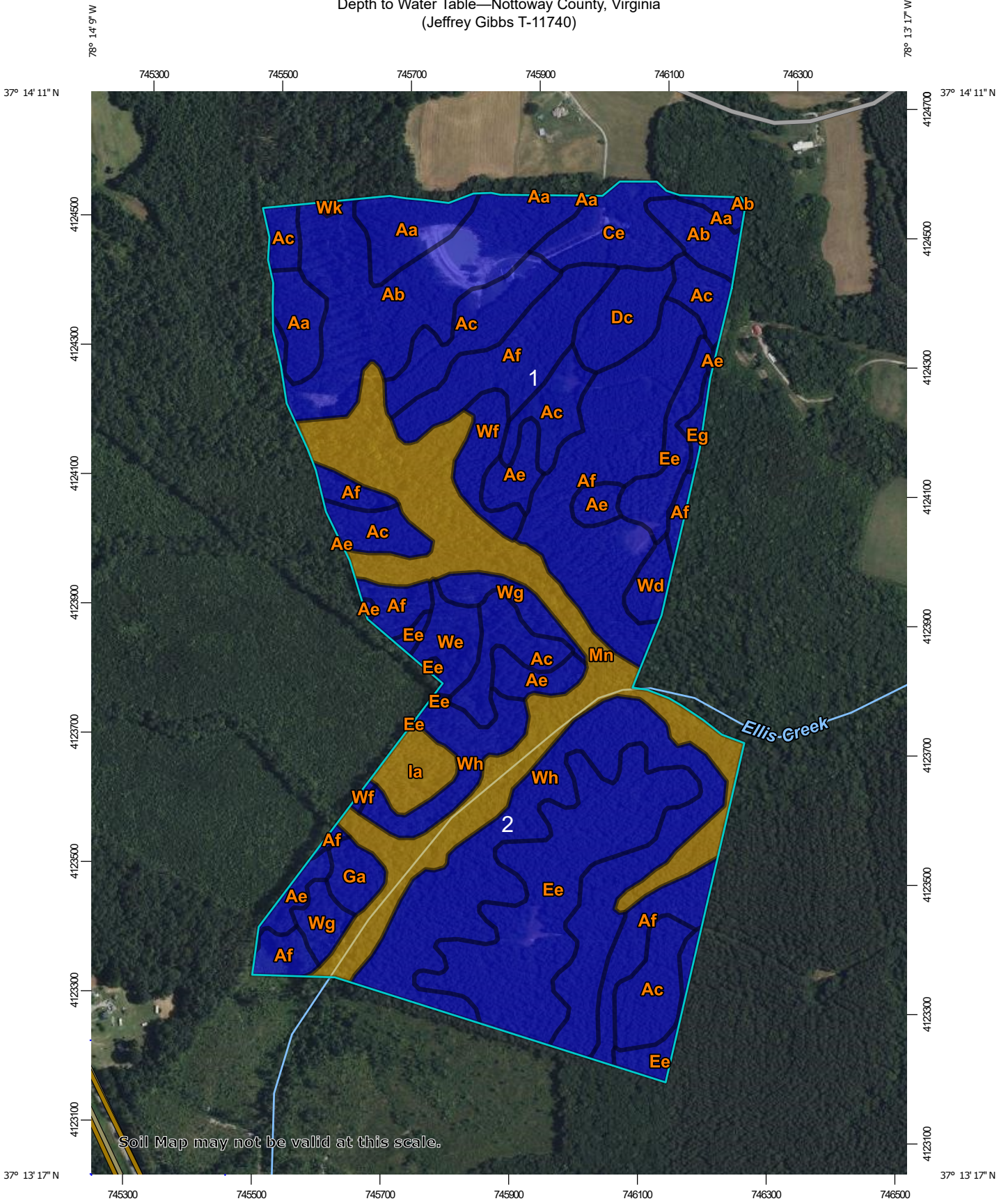
Soil Survey Area: Nottoway County, Virginia
Survey Area Data: Version 18, Sep 5, 2023

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 1, 2022

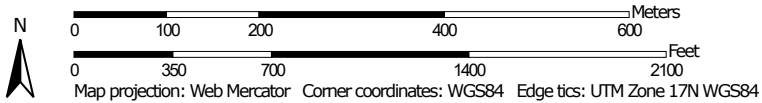
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Water Table—Nottoway County, Virginia
(Jeffrey Gibbs T-11740)



Soil Map may not be valid at this scale.

Map Scale: 1:8,170 if printed on A portrait (8.5" x 11") sheet.



Natural Resources
Conservation Service













Jeffrey Gibbs
National Cooperative Soil Survey

3/9/2024
Page 1 of 4

Depth to Water Table

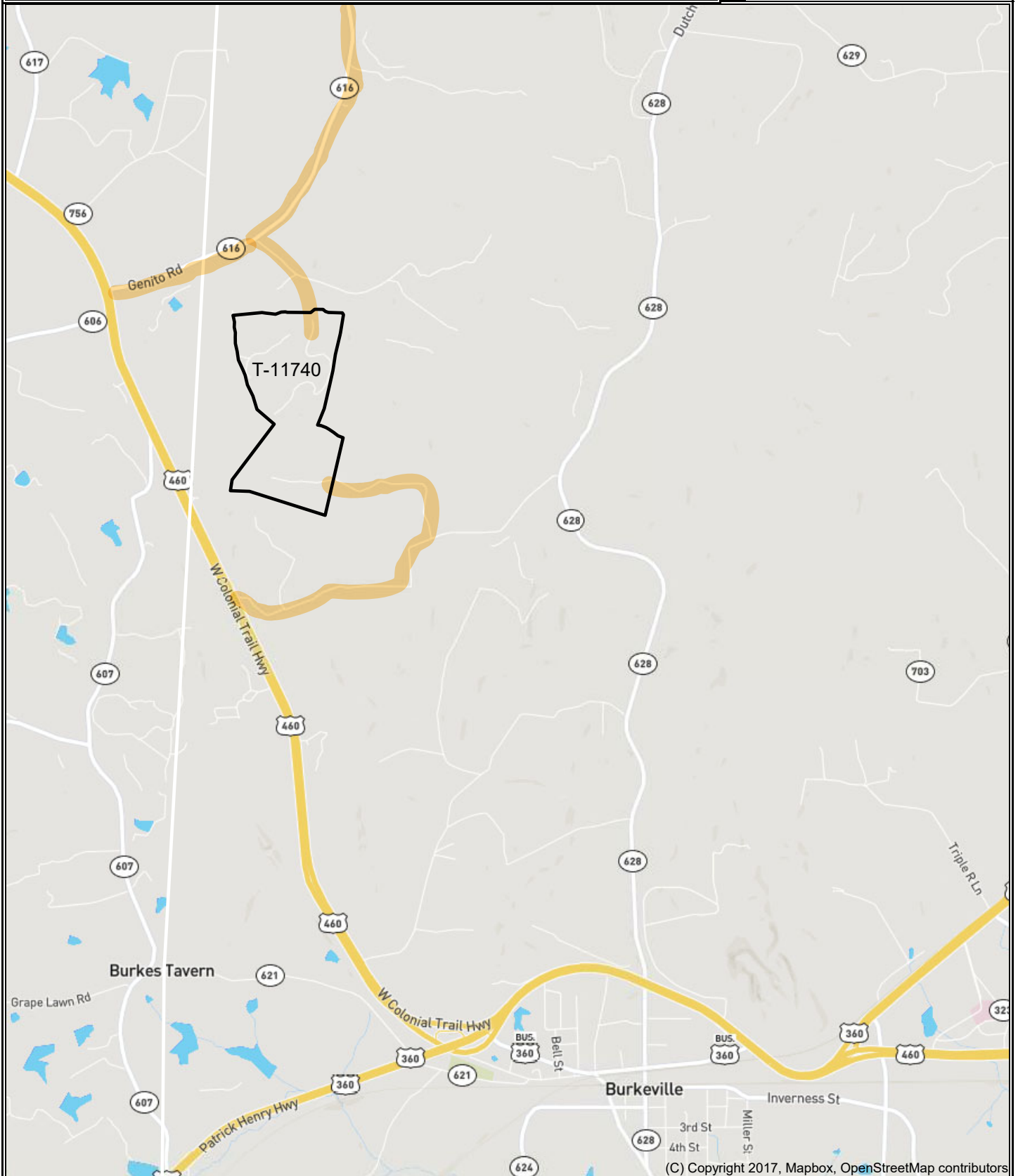
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Aa	Appling angular cobbly sandy loam, undulating phase	>200	7.0	3.7%
Ab	Appling angular cobbly sandy loam, rolling phase	>200	19.3	10.3%
Ac	Appling coarse sandy loam, undulating phase	>200	20.9	11.1%
Ae	Appling coarse sandy loam, rolling phase	>200	6.2	3.3%
Af	Appling coarse sandy loam, eroded rolling phase	>200	32.2	17.1%
Ce	Cecil coarse sandy loam, undulating phase	>200	5.0	2.7%
Dc	Durham fine sandy loam, undulating phase	>200	4.0	2.1%
Ee	Enon-Vance-Helena soils, undulating phases	>200	22.5	12.0%
Eg	Enon-Vance-Helena soils, rolling phases	>200	0.6	0.3%
Ga	Gullied land	>200	1.8	1.0%
Ia	Iredell-Mecklenburg loams, undulating phases	46	2.8	1.5%
Mn	Mixed alluvial land	31	27.7	14.7%
Wd	Wilkes sandy loam, undulating phase	>200	1.5	0.8%
We	Wilkes sandy loam, rolling phase	>200	2.7	1.4%
Wf	Wilkes sandy loam, eroded rolling phase	>200	3.1	1.6%
Wg	Wilkes sandy loam, hilly phase	>200	3.8	2.0%
Wh	Wilkes sandy loam, eroded hilly phase	>200	26.9	14.3%
Wk	Worsham sandy loam	15	0.1	0.1%
Totals for Area of Interest			188.2	100.0%

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


JEFFREY GIBBS
T-11740



1:36,111

LOCATION MAP

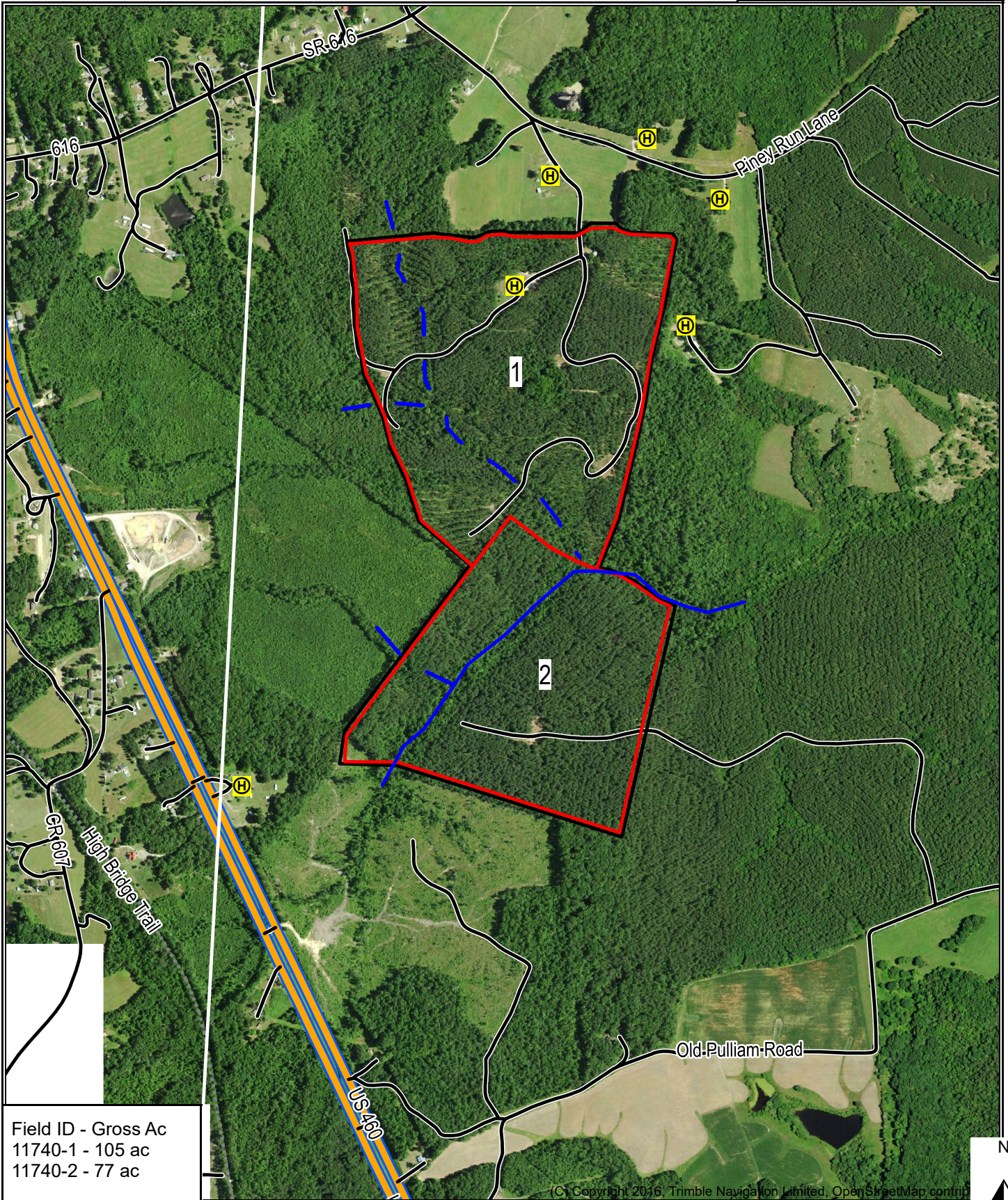
1 inch = 3,009 ft

 Haul Route

jeffrey gibbs

3/4/2024





Field ID - Gross Ac
11740-1 - 105 ac
11740-2 - 77 ac

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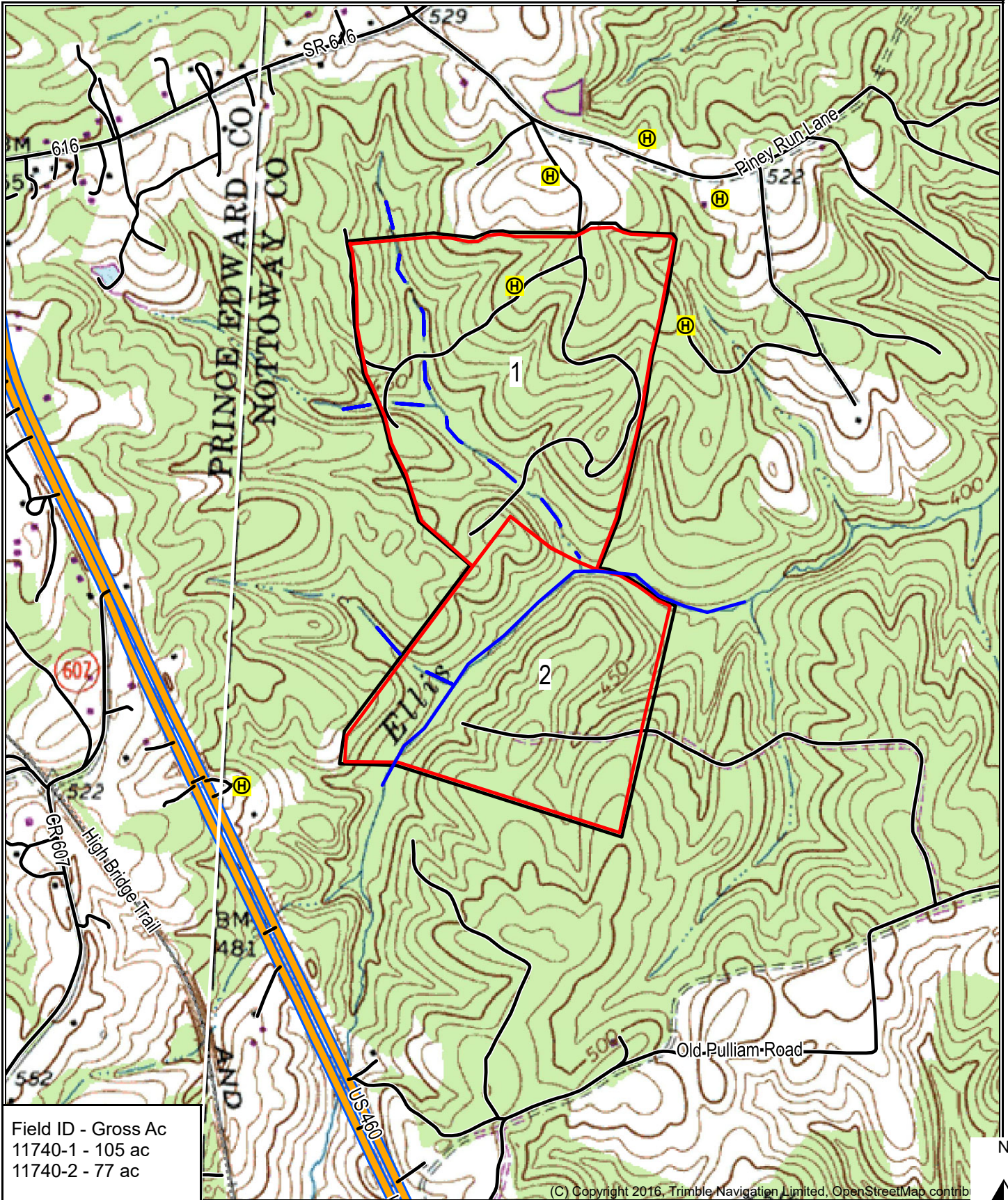
1:12,000

AERIAL MAP
jeffrey gibbs

1 INCH = 1,000 FT.

3/4/2024





Field ID - Gross Ac
11740-1 - 105 ac
11740-2 - 77 ac

(C) Copyright 2016, Trimble Navigation Limited, OpenStreetMap contrib

1:12,000

TOPO MAP
jeffrey gibbs

1 INCH = 1,000 FT.

3/4/2024