Updated 6/7/23

MAP KEY

Highlighted Roads
Show Haul Route (Road Map)

Property Line — 100 ft Buffer

Water (Surface) — 100 ft without Veg Buffer
35 ft with Veg Buffer

Field Boundary

Rock Outcrop — 50 ft Buffer

Slope — 15% Max

Sink Hole — 100 ft Buffer

Intermittant Stream — Refer tp Water and PWS setbacks

House/Well — 200 ft Buffer

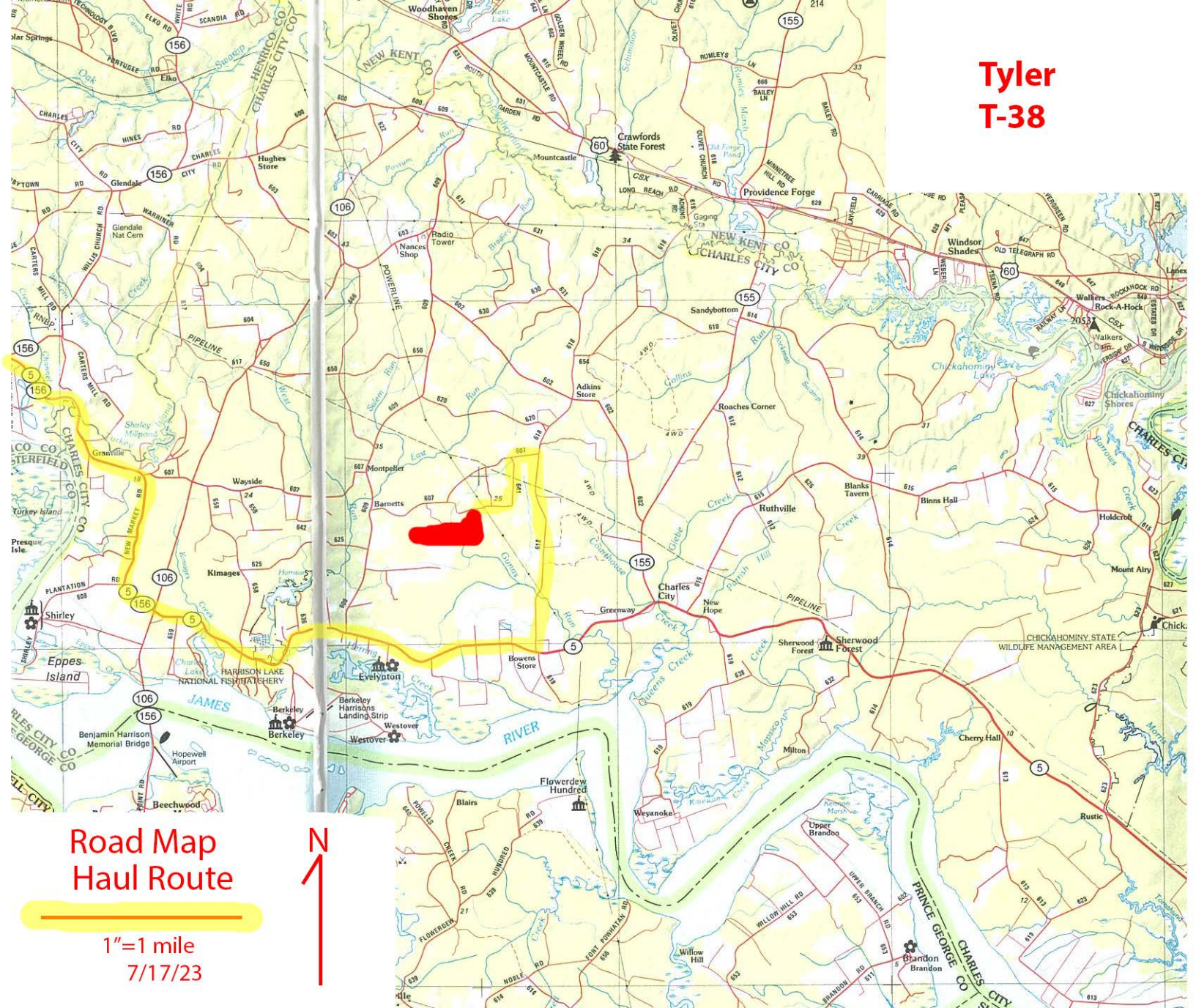
Publicly Accessible Site — 200 ft from Property Line
400 ft from PAS

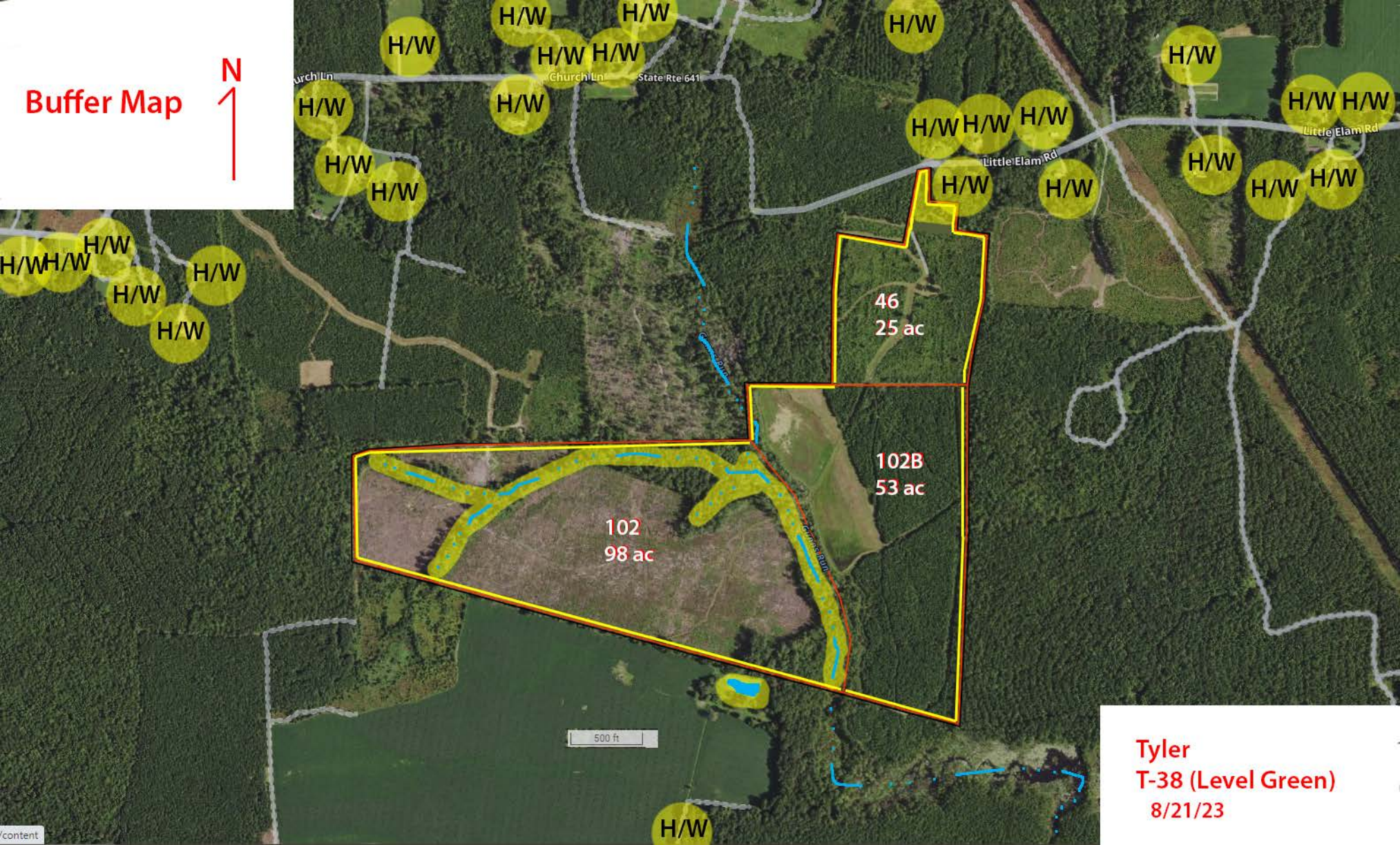
Public Water Supply — 400 ft from Reservoir
100 ft stream/tributary

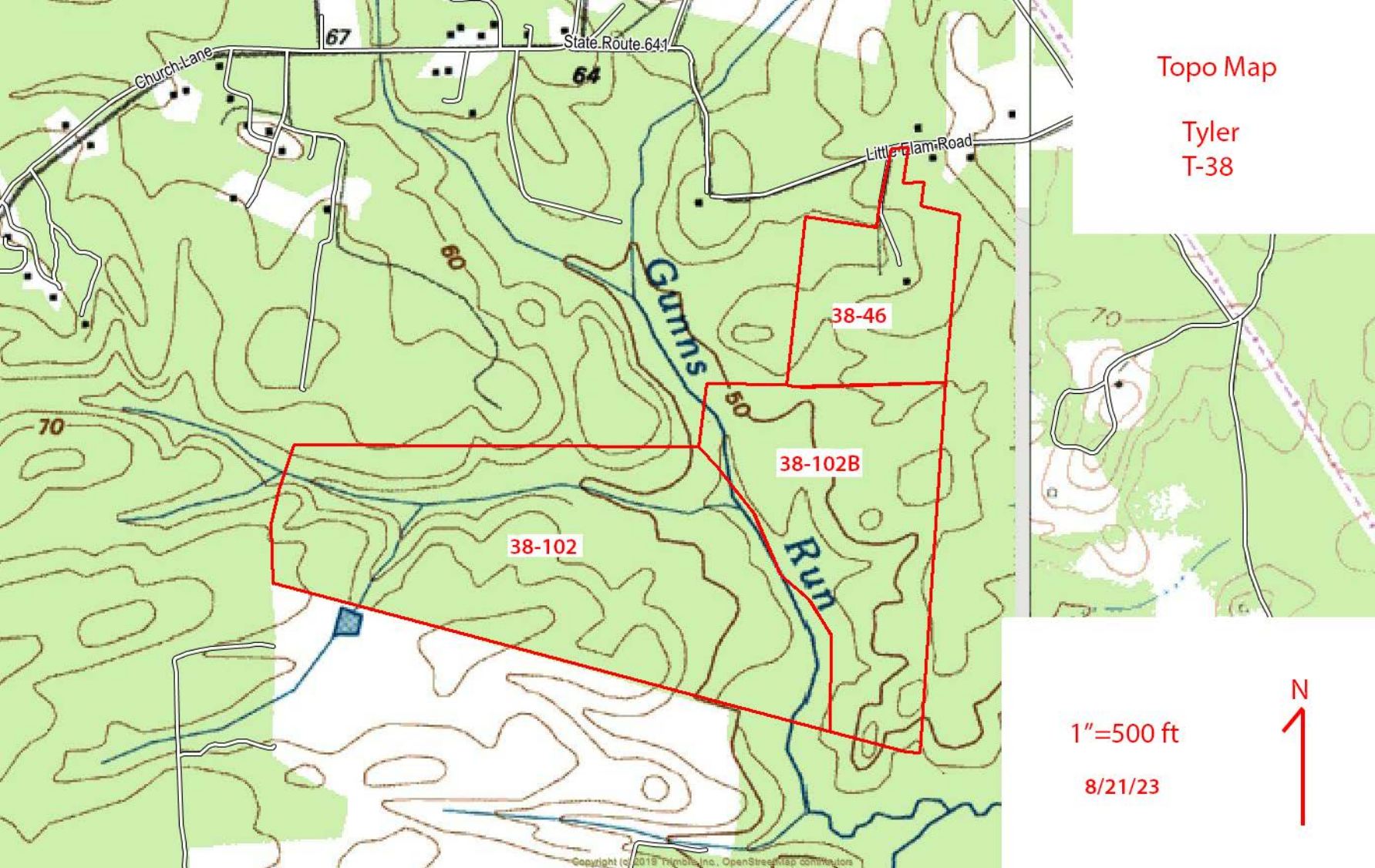
All Improved Roadways — 10 Ft Buffer

Water Supply Well or Spring — 100 Ft Buffer

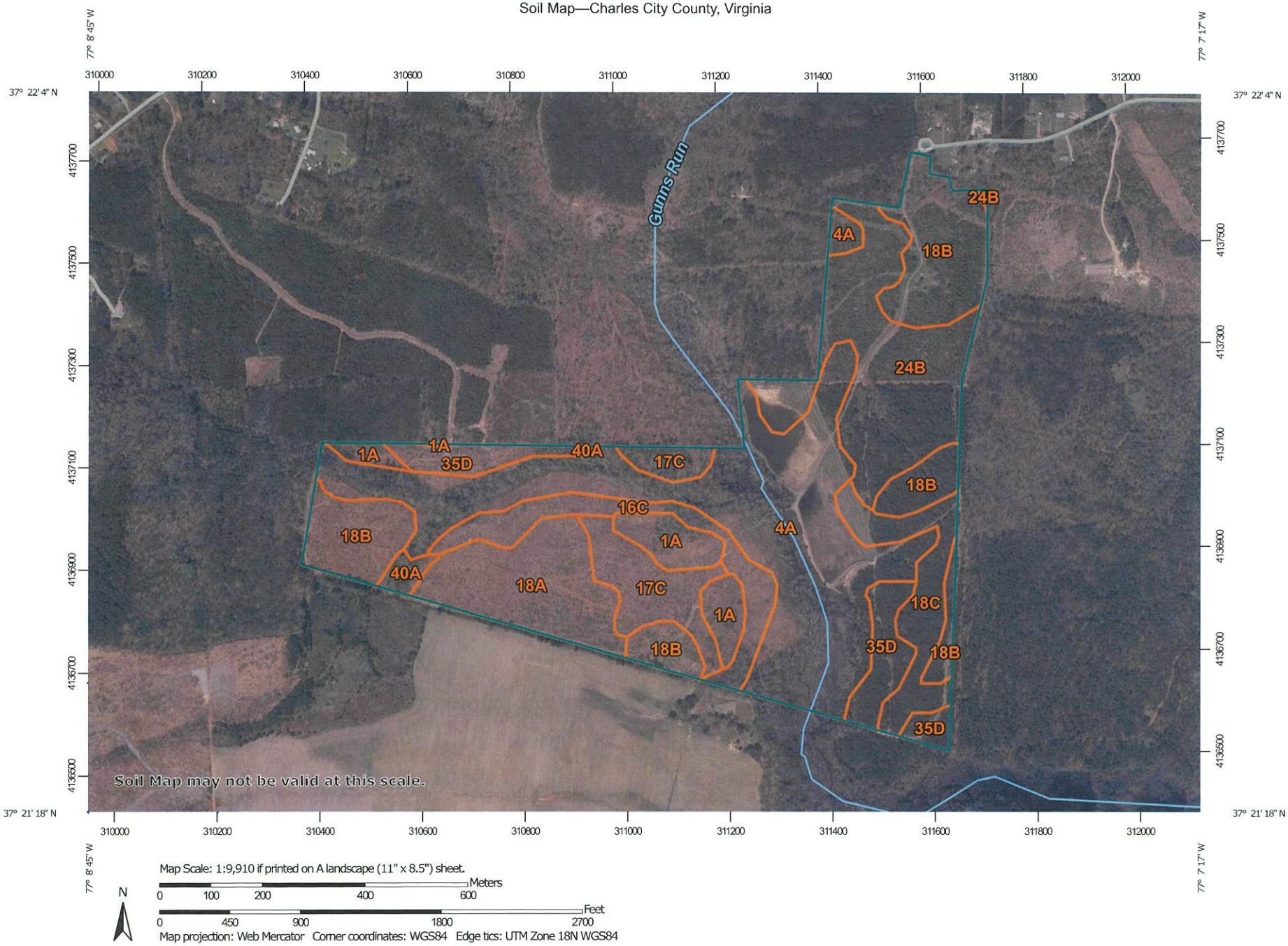
Cemetery


Tyler
T-38
Road Map
Haul Route
1"=1 mile
7/17/23
N
Crawfords State Forest
Providence Forge
Mountcastle
Woodhaven Shores
Nances Shop
Radio Tower
Sandybottom
Windsor Shades
Walkers Rock-A-Hock
Chickahominy Lake
Chickahominy Shores
Adkins Store
Roaches Corner
Montpelier
Barnetts
Wayside
Granville
Kimages
Shirley
Eppes Island
HARRISON LAKE NATIONAL FISH HATCHERY
Benjamin Harrison Memorial Bridge
Hopewell Airport
Beechwood
Berkeley
Berkeley Harrisons Landing Strip
Westover
Evelynton
Bowens Store
Greenway
Charles City
New Hope
Ruthville
Blanks Tavern
Binns Hall
Holdcroft
Mount Airy
Sherwood Forest
CHICKAHOMINY STATE WILDLIFE MANAGEMENT AREA
Cherry Hall
Milton
Rustic
Weyanoke
Flowerdew Hundred
Blairs
Upper Brandon
Willow Hill
Brandon
Hughes Store
Glendale
Elko
Scandia
Woodhaven Shores
Glendale Nat Cem
Presque Isle
Turkey Island
Shirley Millpond
JAMES RIVER
PRINCE GEORGE CO
CHARLES CITY CO
NEW KENT CO
HENRICO CO


Buffer Map
N
H/W
Church Ln
State Rte 641
Little Elam Rd
46
25 ac
102B
53 ac
102
98 ac
500 ft
Tyler
T-38 (Level Green)
8/21/23


Topo Map
Tyler
T-38
Church Lane
State Route 641
Little Elam Road
Gums Run
38-46
38-102B
38-102
67
64
60
70
1"=500 ft
8/21/23
N

Soil Map—Charles City County, Virginia



Map Scale: 1:9,910 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 450 900 1800 2700

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

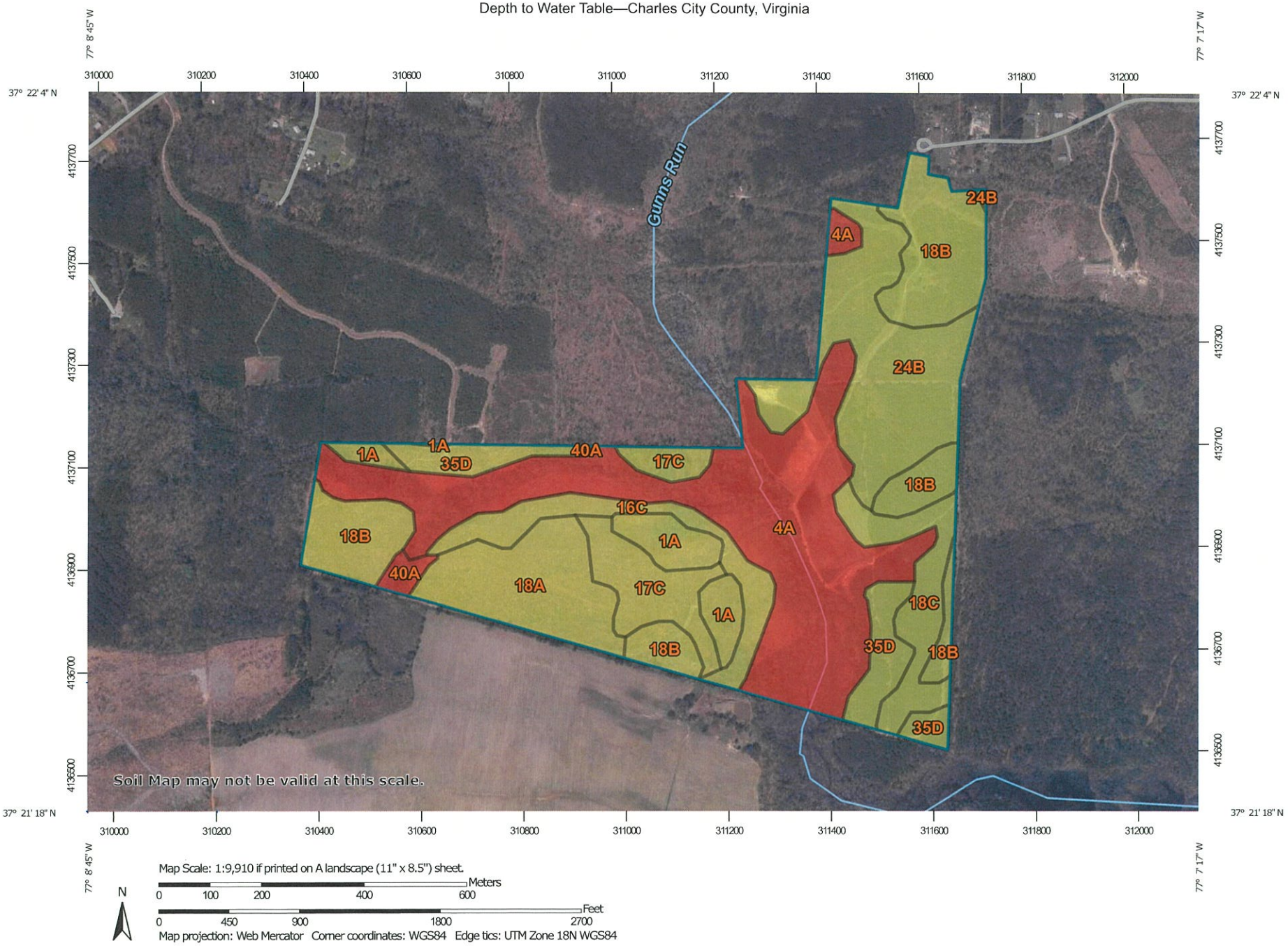
Date(s) aerial images were photographed: Mar 27, 2021—Apr 7, 2021

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1A	Altavista fine sandy loam, 0 to 3 percent slopes	7.9	4.6%
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	52.6	30.6%
16C	Craven-Remlik complex, 6 to 10 percent slopes	9.7	5.7%
17C	Craven-Uchee complex, 6 to 10 percent slopes	10.9	6.3%
18A	Dogue silt loam, 0 to 2 percent slopes	15.6	9.1%
18B	Dogue silt loam, 2 to 6 percent slopes	27.5	16.0%
18C	Dogue silt loam, 6 to 10 percent slopes	10.1	5.8%
24B	Izagora silt loam, 0 to 4 percent slopes	26.3	15.3%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	10.1	5.9%
40A	Roanoke silt loam, 0 to 2 percent slopes	1.4	0.8%
Totals for Area of Interest		**172.1**	**100.0%**

Depth to Water Table—Charles City County, Virginia



Map Scale: 1:9,910 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 450 900 1800 2700

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

Date(s) aerial images were photographed: Mar 27, 2021—Apr 7, 2021

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1A	Altavista fine sandy loam, 0 to 3 percent slopes	61	7.9	4.6%
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	52.6	30.6%
16C	Craven-Remlik complex, 6 to 10 percent slopes	76	9.7	5.7%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	10.9	6.3%
18A	Dogue silt loam, 0 to 2 percent slopes	61	15.6	9.1%
18B	Dogue silt loam, 2 to 6 percent slopes	61	27.5	16.0%
18C	Dogue silt loam, 6 to 10 percent slopes	61	10.1	5.8%
24B	Izagora silt loam, 0 to 4 percent slopes	76	26.3	15.3%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	10.1	5.9%
40A	Roanoke silt loam, 0 to 2 percent slopes	15	1.4	0.8%
Totals for Area of Interest			**172.1**	**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

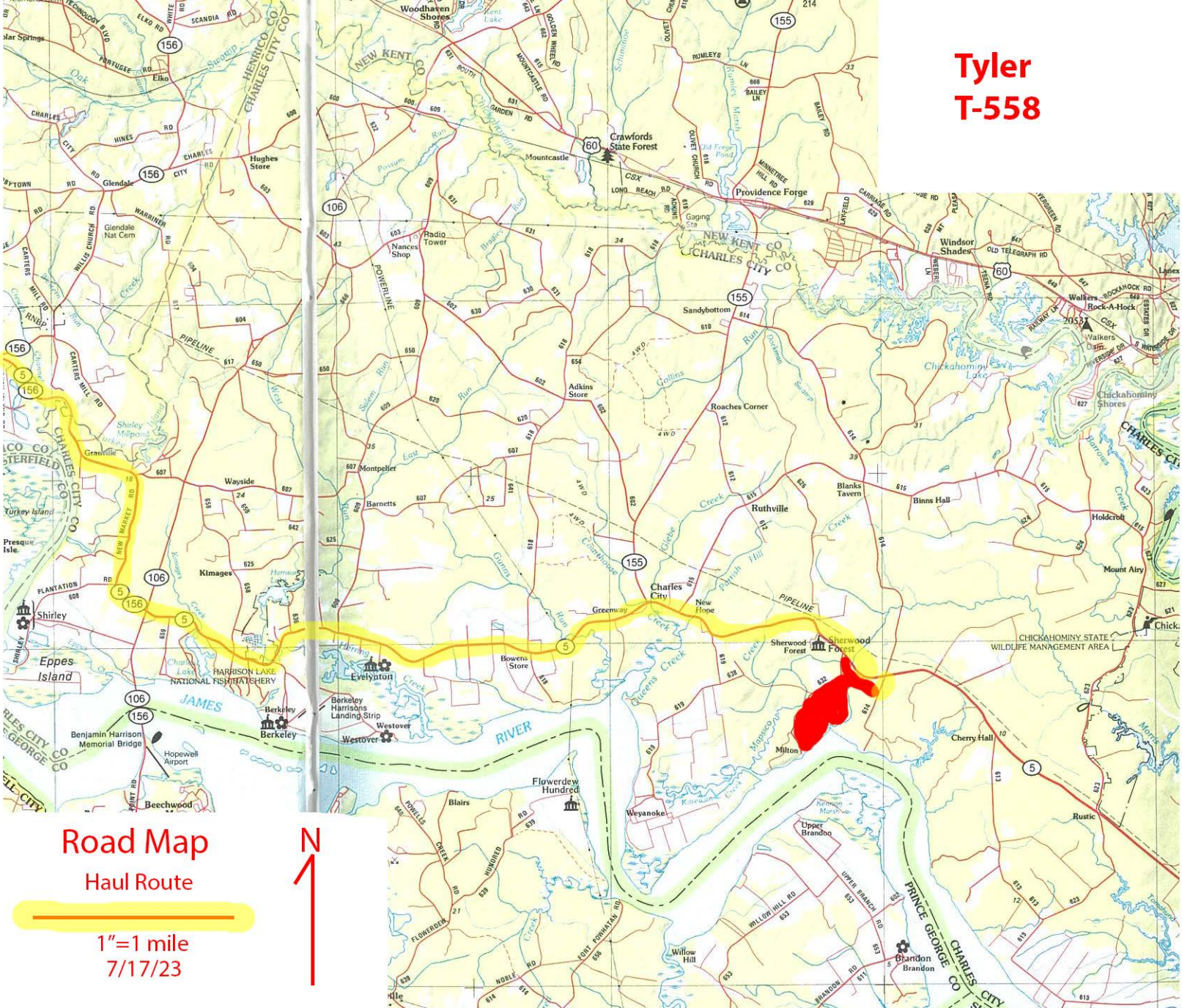
Units of Measure: centimeters

Aggregation Method: Dominant Component

Tyler
Tract T-38
Field Data Sheet

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
38-46	25.0	37.3601	-77.1311	Silviculture
38-102	98.0			Silviculture
38-102B	53.0			Silviculture
SUM	**176.0**			

*All Latitude/Longitude Points were obtained through Google Earth


Tyler
T-558
Road Map
Haul Route
1"=1 mile
7/17/23
N
Crawfords State Forest
Providence Forest
Mountcastle
Sandybottom
Adkins Store
Roaches Corner
Ruthville
Charles City
Greenway
Sherwood Forest
Milton
Weyanoke
Flowerdew Hundred
Evelynton
Bowers Store
Berkeley
Westover
Harrison Lake National Fish Hatchery
Eppes Island
Shirley
Kimages
Wayside
Barnetts
Montpelier
Granville
Hughes Store
Glendale
Elko
Woodhaven Shores
Chickahominy Shores
Chickahominy State Wildlife Management Area
Windsor Shades
Walkers
Rock-A-Hock
Binns Hall
Holdcroft
Mount Airy
Cherry Hall
Rustic
Upper Brandon
Brandon
Willow Hill
Blairs
Beechwood
Benjamin Harrison Memorial Bridge
Hopewell Airport
Harrisons Landing Strip
Nances Shop
Radio Tower
Gaging Sta
Old Forge Pond
Chickahominy Lake
James River
Pipeline
New Market Rd
Powerline
CSX
Henrico Co
Charles City Co
New Kent Co


Buffer Map
N
7
42 ac
8
21 ac
9
28 ac
10
49 ac
6
203 ac
4
27 ac
5
62 ac
2
29 ac
3
97 ac
11
12 ac
H/W
Virginia Capital Trl
Sturgeon Point Rd
Tyler Creek
1000 ft
Kennon
Sturgeon Point
James River
Tyler
T-558
8/22/23


Topo Map
Tracts included:
Tyler T-229
Tyler T-558
Tyler T-2159
Tyler T-229
Tyler T-558
Tyler T-2159
229-3
229-4
229-5
558-7
558-8
558-9
558-10
558-6
558-4
558-2
558-5
558-3
558-11
2159-1
2159-2
2159-3
2159-4
2159-5
2159-8
2159-9
SR-614
PIPELINE
JEEP TRAIL
Taylor Creek
Kennon Creek
Milton
Sturgeon Point Light
State Route 633
State Route 614
Light
Forest
Cem
BM
1"=1000 ft
N
1/7/22

Soil Map—Charles City County, Virginia

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.

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
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: Charles City County, Virginia
Survey Area Data: Version 11, Dec 11, 2013

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

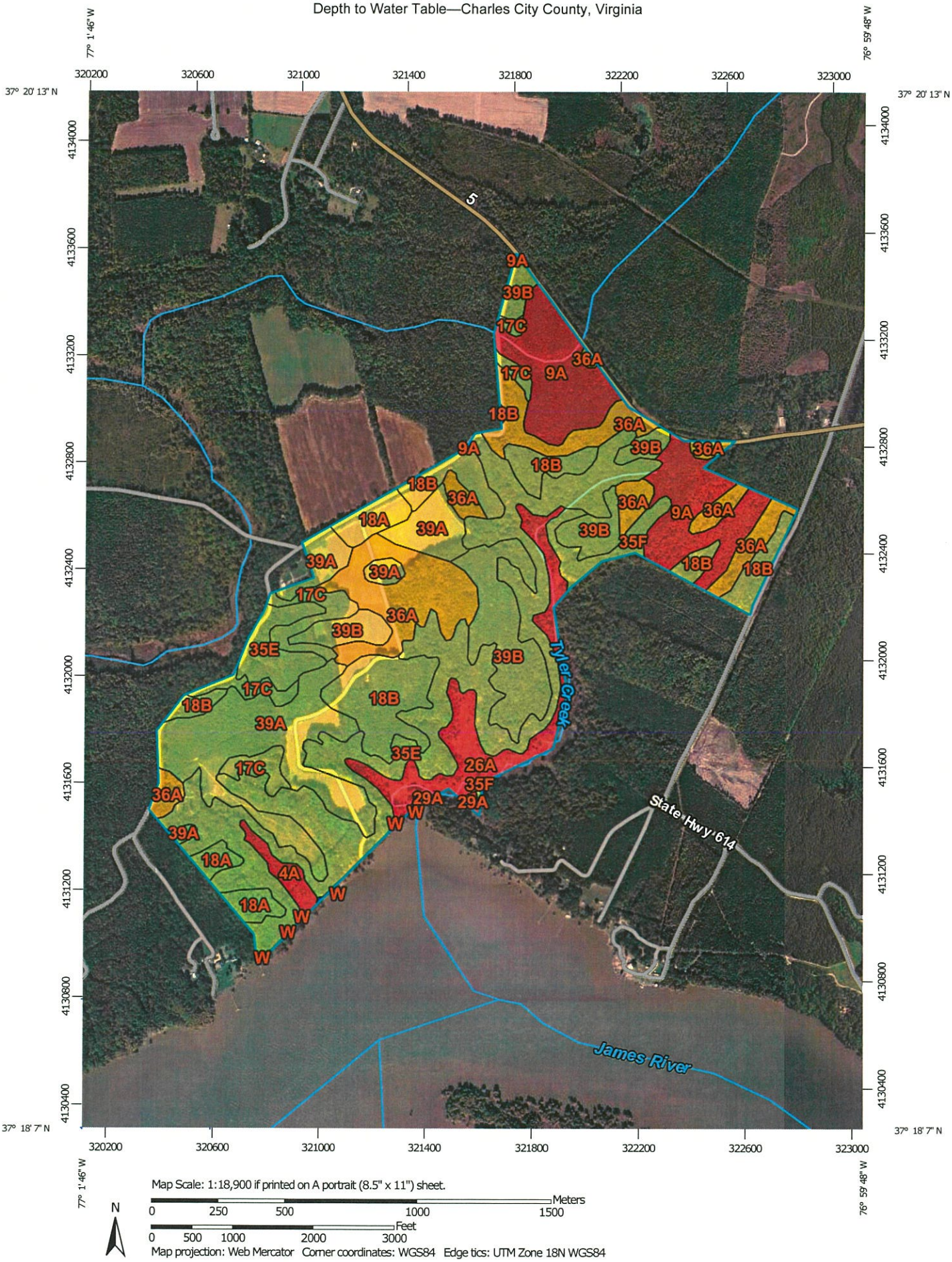
Date(s) aerial images were photographed: Jul 4, 2010—Jun 4, 2011

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.

Map Unit Legend

Charles City County, Virginia (VA036)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	6.2	1.1%
9A	Chickahominy loam, 0 to 2 percent slopes	65.7	11.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	22.9	3.9%
18A	Dogue silt loam, 0 to 2 percent slopes	16.9	2.9%
18B	Dogue silt loam, 2 to 6 percent slopes	59.2	10.1%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	34.2	5.9%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	1.0	0.2%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	148.3	25.4%
35F	Nevarc-Remlik complex, 25 to 60 percent slopes	10.5	1.8%
36A	Newflat silt loam, 0 to 2 percent slopes	76.5	13.1%
39A	Peawick silt loam, 0 to 2 percent slopes	83.7	14.3%
39B	Peawick silt loam, 2 to 6 percent slopes	58.0	9.9%
W	Water	0.7	0.1%
Totals for Area of Interest		**584.0**	**100.0%**

Depth to Water Table—Charles City County, Virginia



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 IN

The soil surveys that compris

Please rely on the bar scale c measurements.

Source of Map: Natural Re
Web Soil Survey URL: http
Coordinate System: Web M

Maps from the Web Soil Surv projection, which preserves d distance and area. A projecti Albers equal-area conic proje calculations of distance or are

This product is generated fron the version date(s) listed belc

Soil Survey Area: Charles (Survey Area Data: Version

Soil map units are labeled (as or larger.

Date(s) aerial images were pl 2011

The orthophoto or other base compiled and digitized probal imagery displayed on these n of map unit boundaries may b

Depth to Water Table

Depth to Water Table— Summary by Map Unit — Charles City County, Virginia (VA036)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	6.2	1.1%
9A	Chickahominy loam, 0 to 2 percent slopes	8	65.7	11.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	22.9	3.9%
18A	Dogue silt loam, 0 to 2 percent slopes	61	16.9	2.9%
18B	Dogue silt loam, 2 to 6 percent slopes	61	59.2	10.1%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	0	34.2	5.9%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0	1.0	0.2%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	148.3	25.4%
35F	Nevarc-Remlik complex, 25 to 60 percent slopes	61	10.5	1.8%
36A	Newflat silt loam, 0 to 2 percent slopes	31	76.5	13.1%
39A	Peawick silt loam, 0 to 2 percent slopes	61	83.7	14.3%
39B	Peawick silt loam, 2 to 6 percent slopes	61	58.0	9.9%
W	Water	>200	0.7	0.1%
Totals for Area of Interest			**584.0**	**100.0%**

Tyler
Tract T-558
Field Data Sheet

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
558-2	29.0	37.3159	-77.0239	Silviculture
558-3	97.0			Silviculture
558-4	27.0			Silviculture
558-5	62.0			Silviculture
558-6	203.0			Silviculture
558-7	42.0			Silviculture
558-8	21.0			Silviculture
558-9	28.0			Silviculture
558-10	49.0			Agriculture
558-11	12.0			Agriculture
SUM	**570.0**			

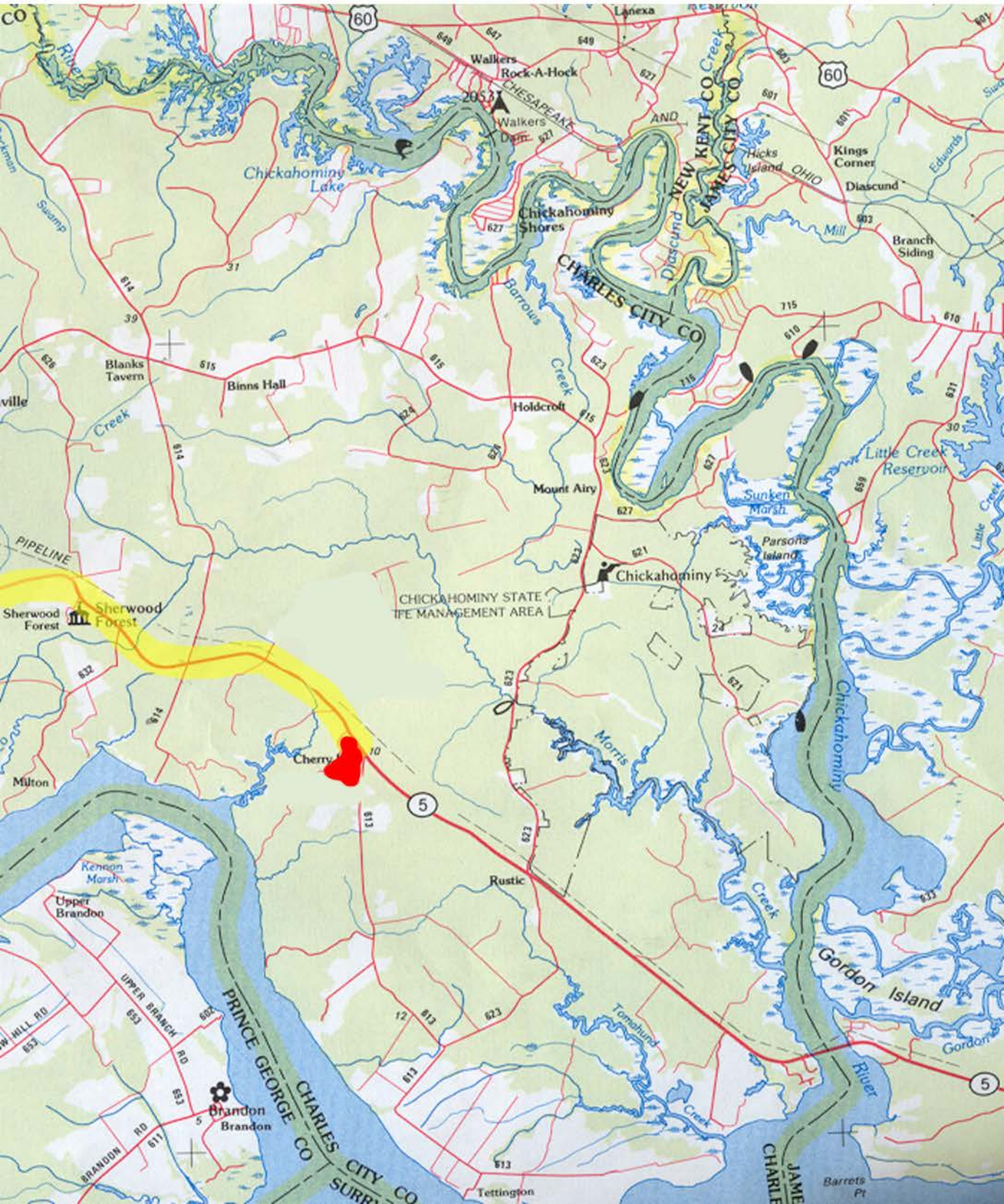
*All Latitude/Longitude Points were obtained through Google Earth

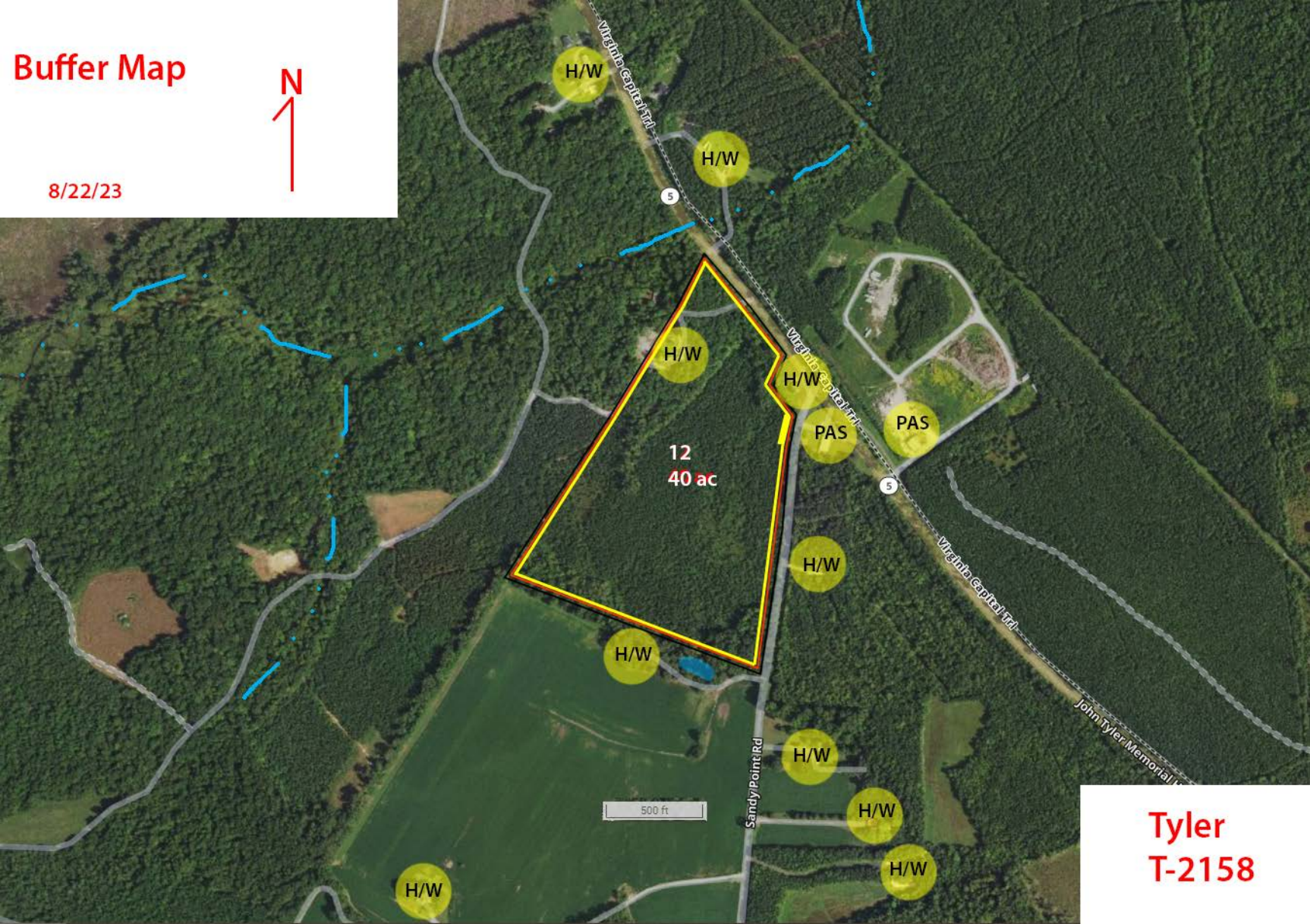
N

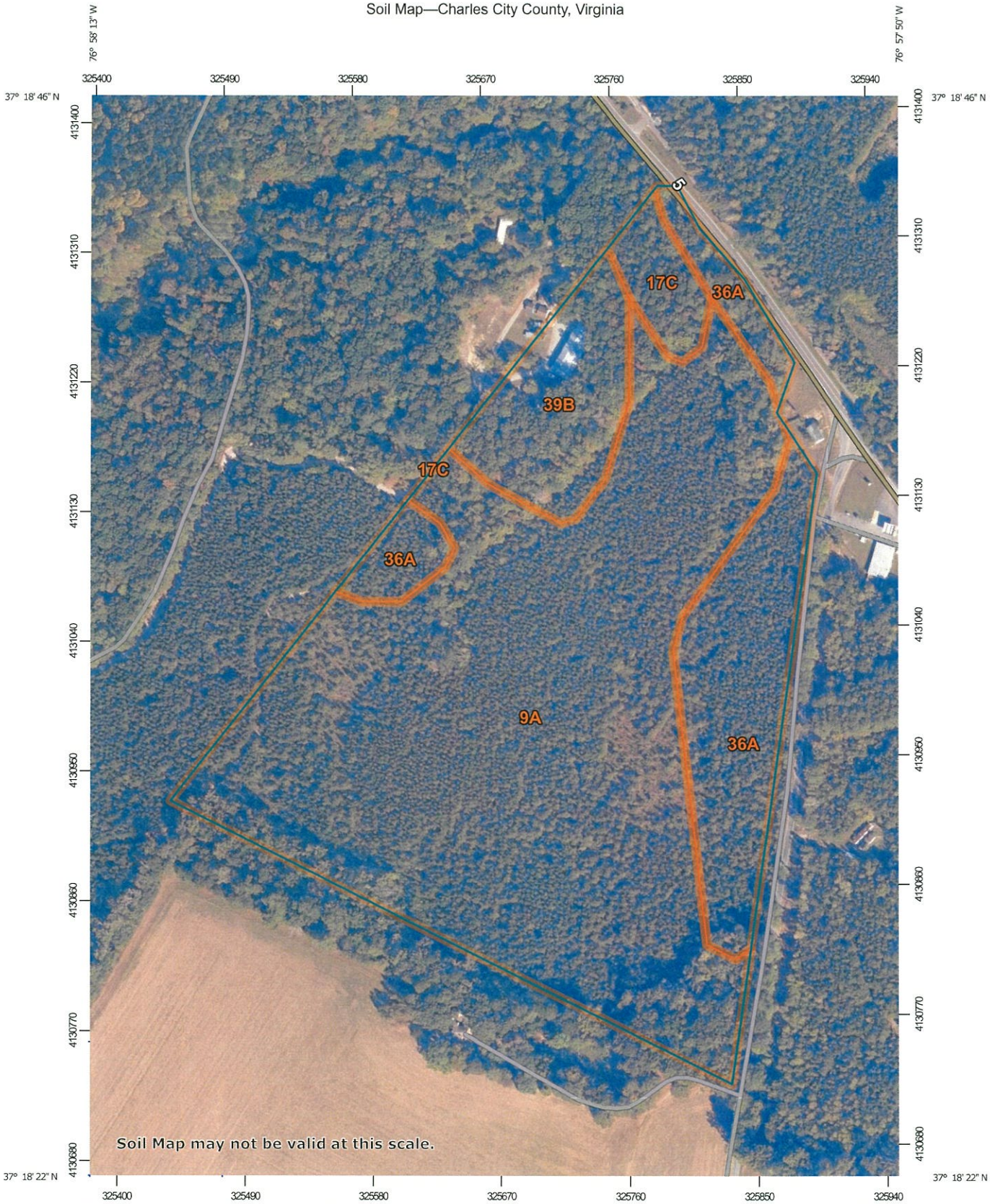
Road Map
Haul Route

1"=1 mile

Tyler
T-2158




Buffer Map
N
8/22/23
H/W
H/W
Virginia Capital Trl
5
H/W
H/W
H/W
PAS
PAS
12
40 ac
H/W
H/W
Virginia Capital Trl
John Tyler Memorial
Sandy Point Rd
500 ft
H/W
H/W
H/W
Tyler
T-2158



Map Scale: 1:3,650 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

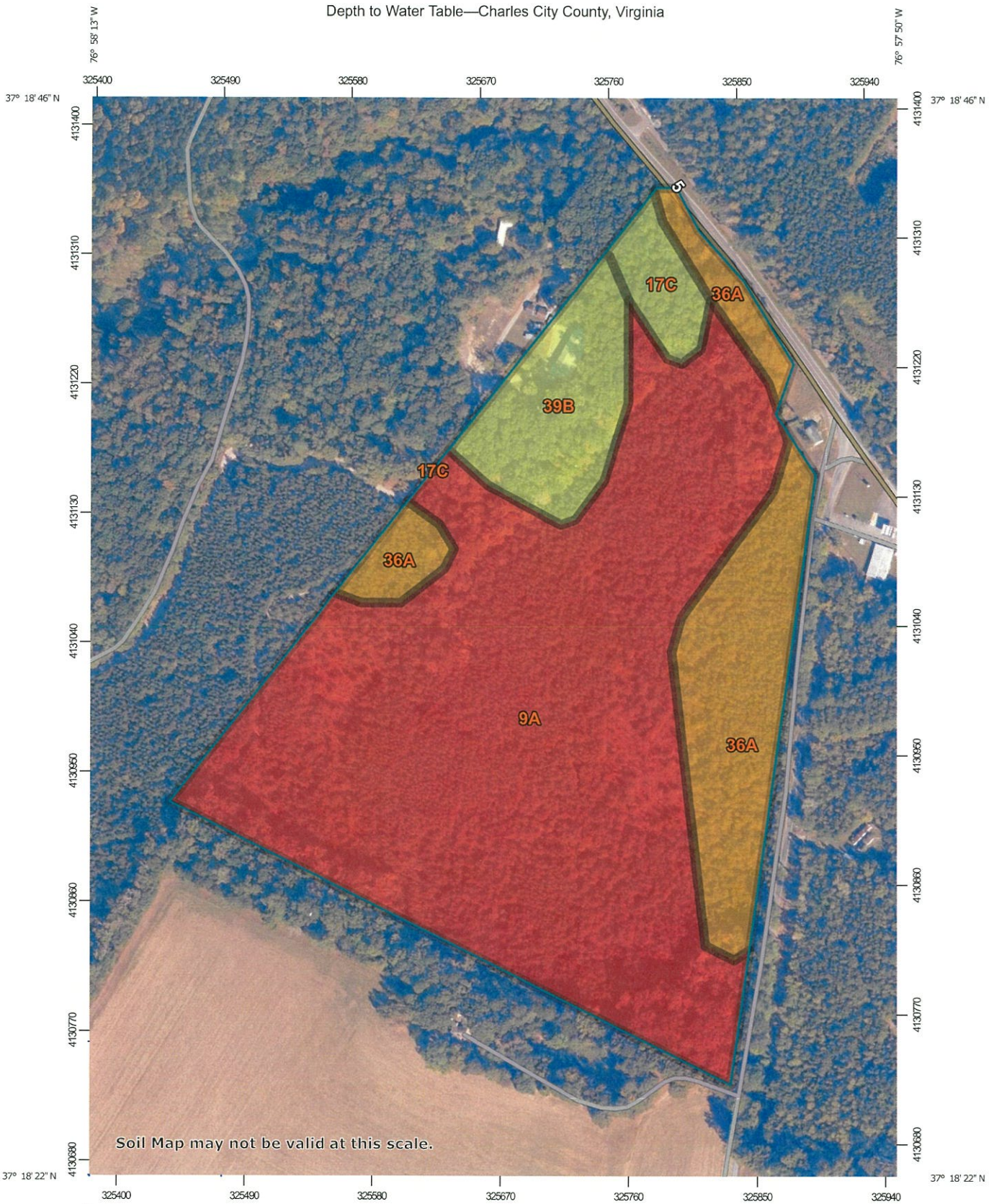
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	26.5	70.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	1.1	3.0%
36A	Newflat silt loam, 0 to 2 percent slopes	6.5	17.4%
39B	Peawick silt loam, 2 to 6 percent slopes	3.2	8.6%
Totals for Area of Interest		**37.3**	**100.0%**



Map Scale: 1:3,650 if printed on A portrait (8.5" x 11") sheet.

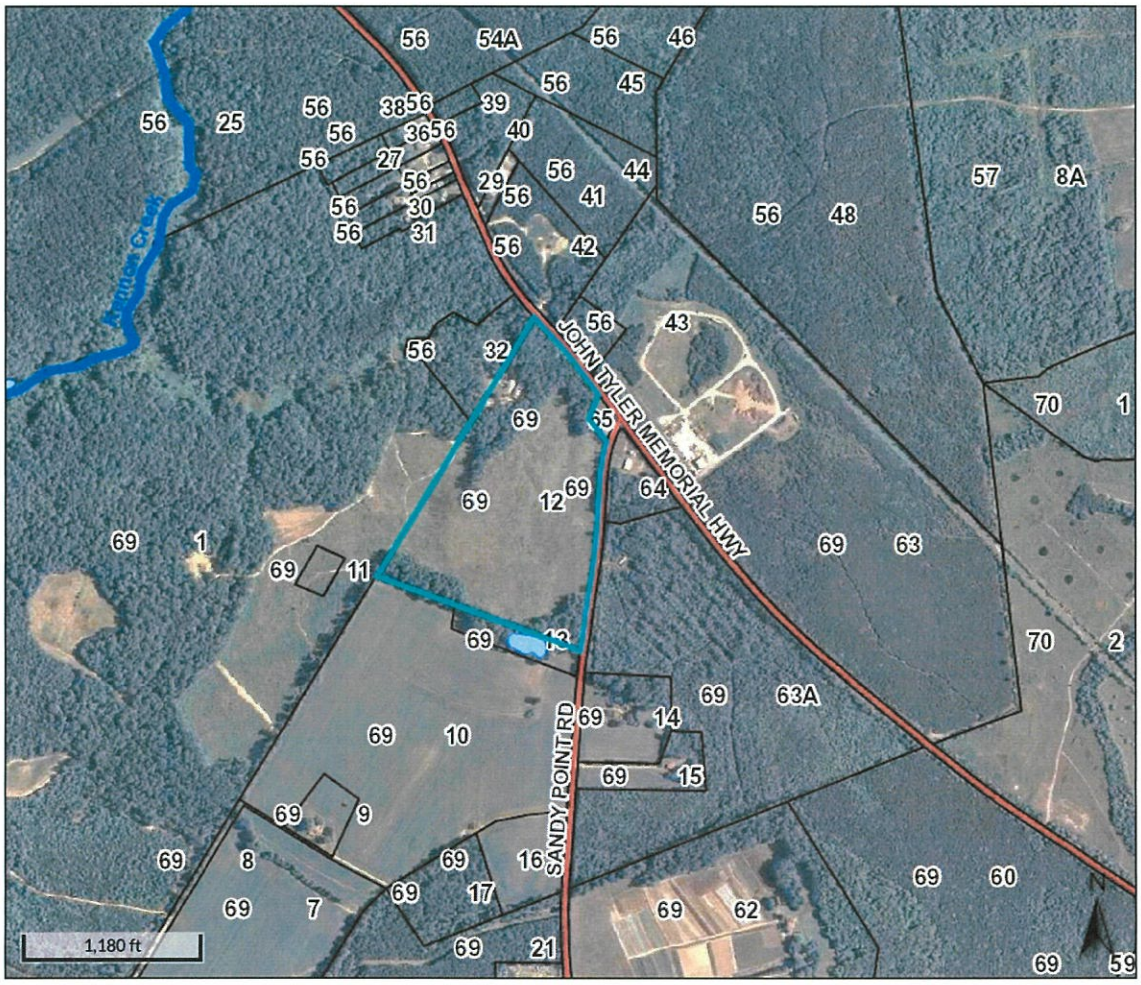
N

Meters: 0 50 100 200 300

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

qPublic.net™ Charles City County, VA



Legend

- Parcels
- Parcel Numbers
- Streams & Rivers
- Water Bodies
- Roads

Parcel ID	69 12	**Alternate ID**	4365	**Owner Address**	BACHELOR POINT, LLC	**Last 2 Sales**			
Sec/Twp/Rng	n/a	**Class**	IMPROVED		C/O WILLIAM B. TYLER	**Date**	**Price**	**Reason**	**Qual**
Property Address	0	**Acreage**	40		P.O. BOX 8	6/5/2009	0	n/a	U
					CHARLES CITY VA 23030	n/a	0	n/a	n/a

District CHICKAHOMINY
Brief Tax Description PT. OF FAIRFIELD-PAR. 2 DB 76-605
(Note: Not to be used on legal documents)

Date created: 9/21/2021
Last Data Uploaded: 9/21/2021 1:51:40 AM

Developed by Schneider GEOSPATIAL

TAX MAP

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	26.5	70.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	1.1	3.0%
36A	Newflat silt loam, 0 to 2 percent slopes	31	6.5	17.4%
39B	Peawick silt loam, 2 to 6 percent slopes	61	3.2	8.6%
Totals for Area of Interest			**37.3**	**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

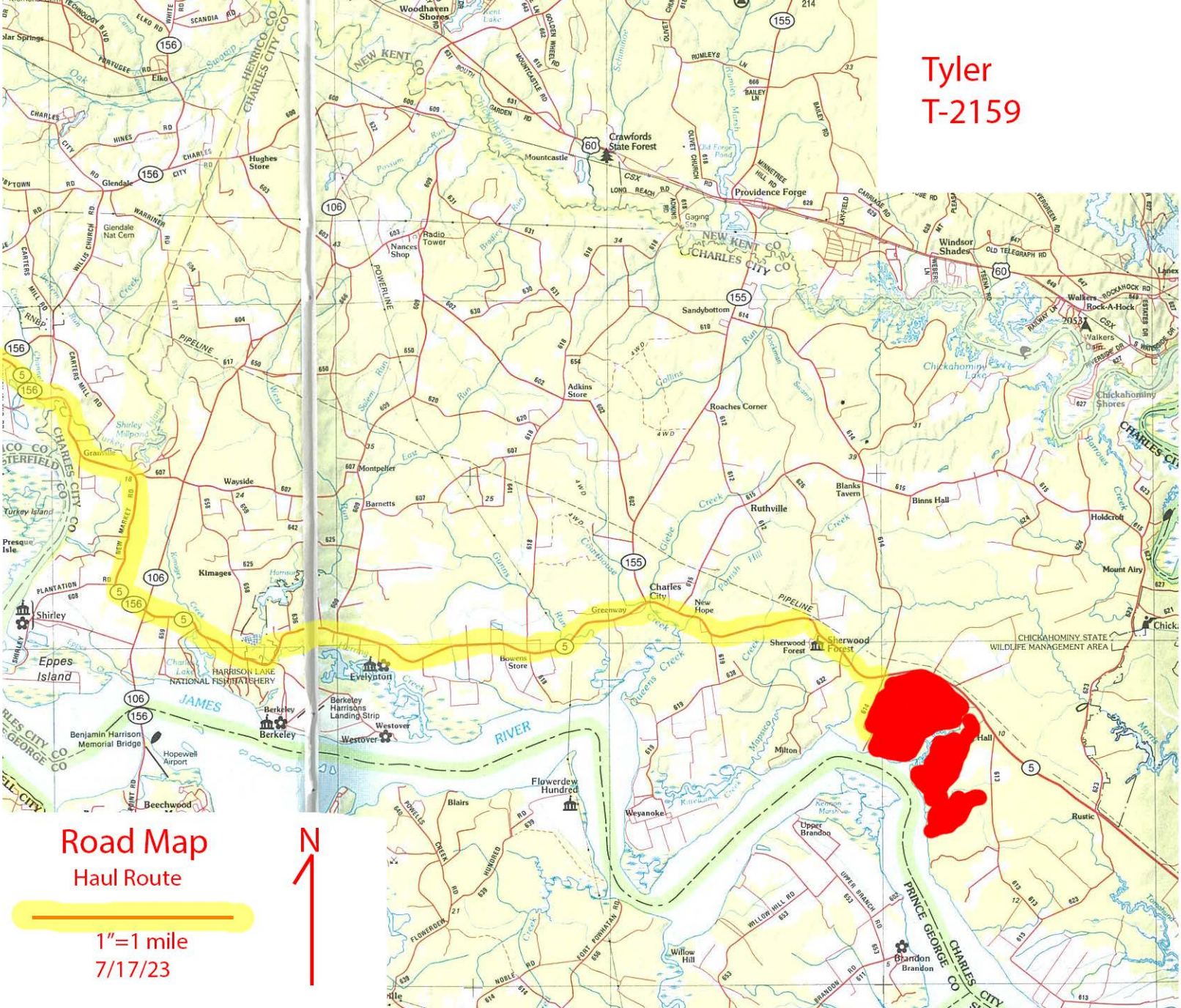
Beginning Month: January

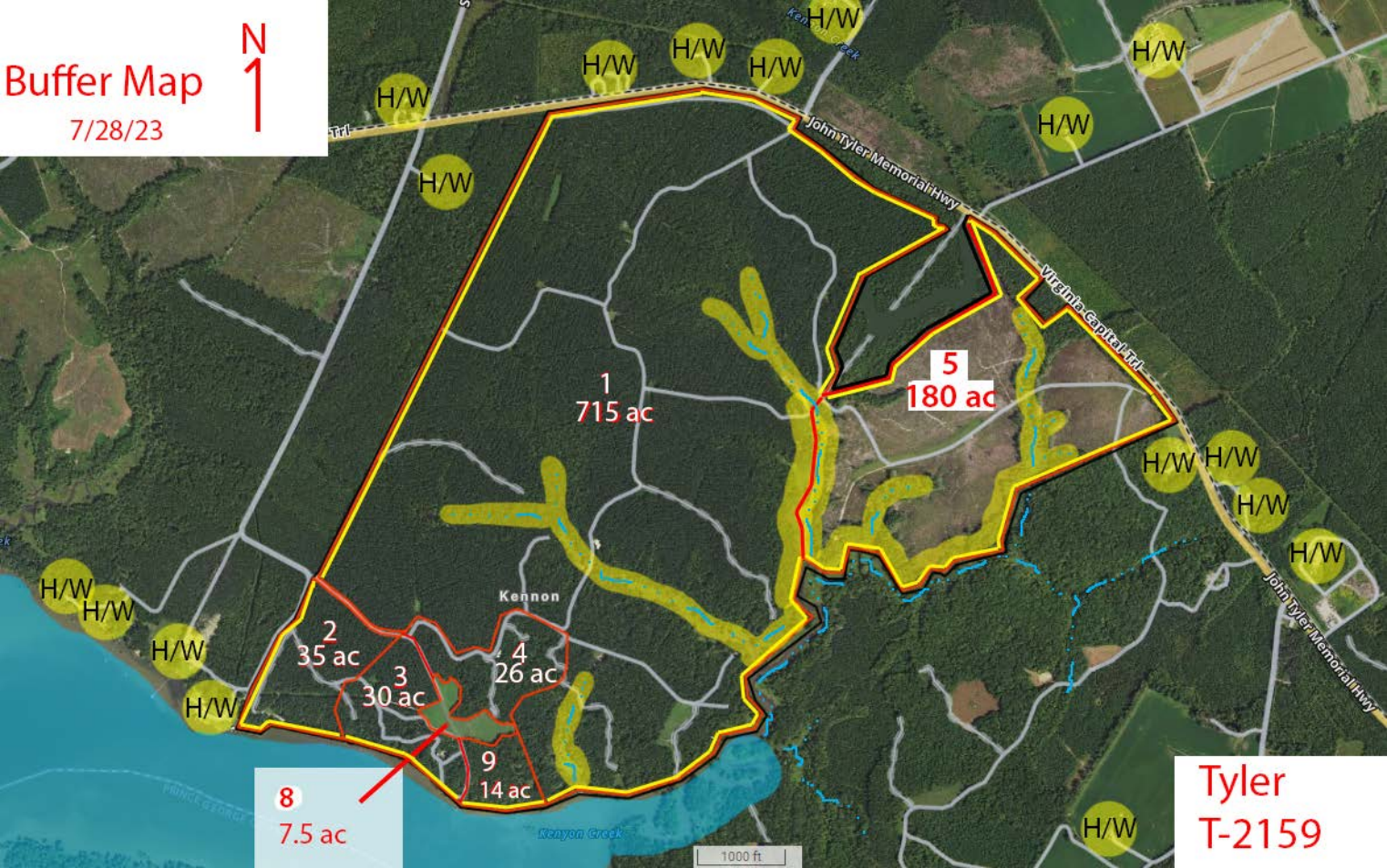
Ending Month: December

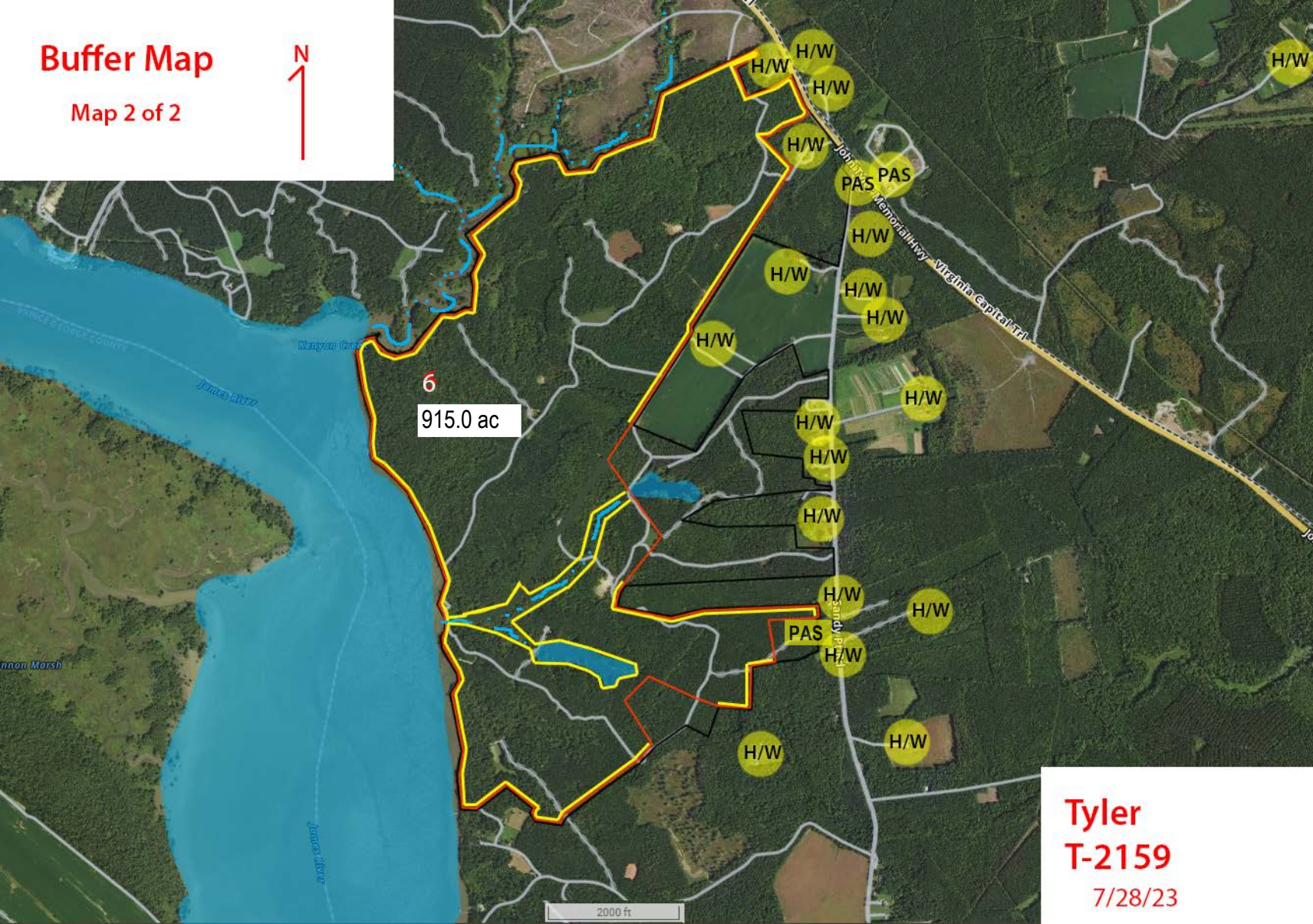
Tyler
Tract T-2158
Field Data Sheet

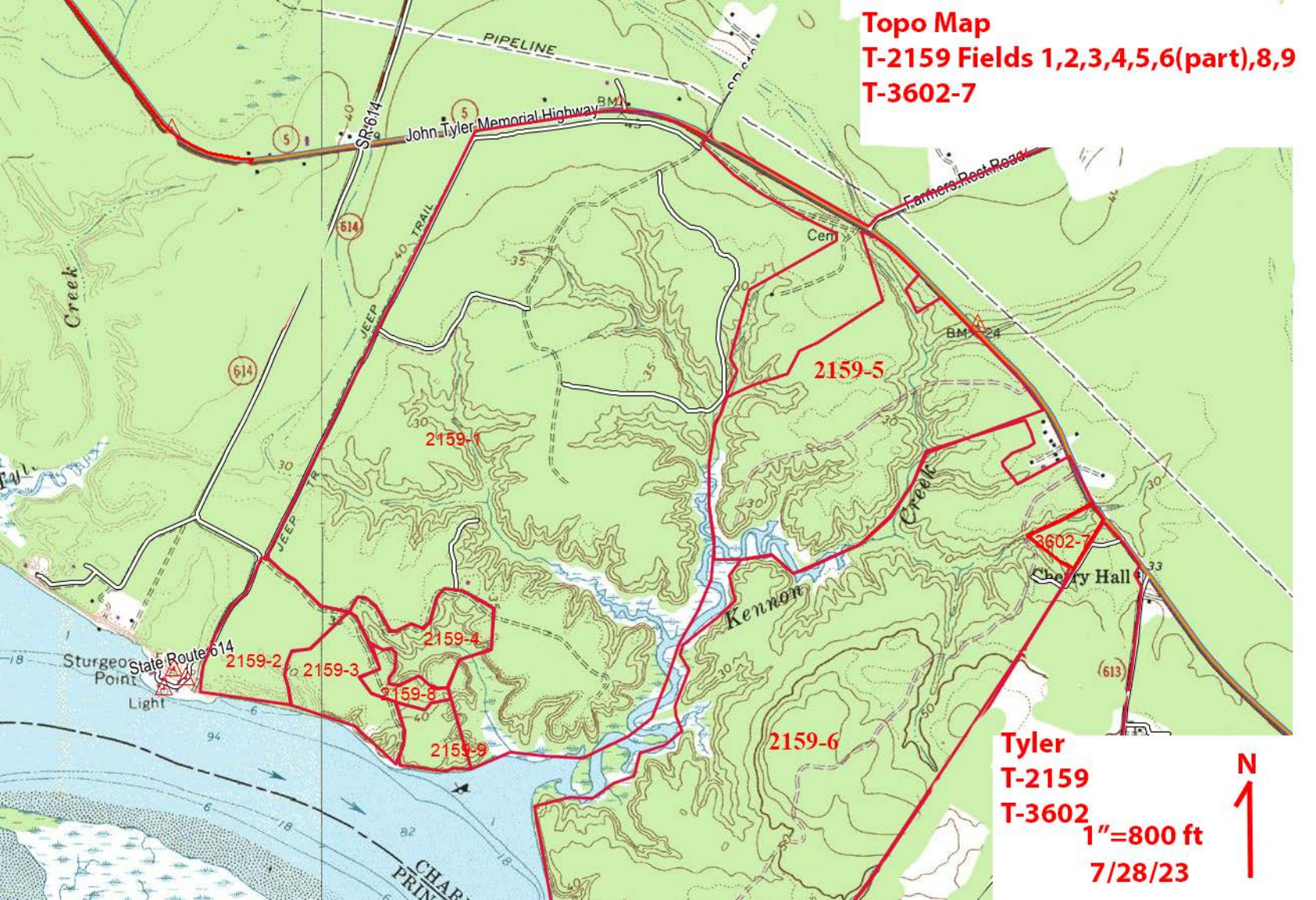
Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
2158-12	40.0	37.3091	-76.9668	Silviculture
SUM	**40.0**			

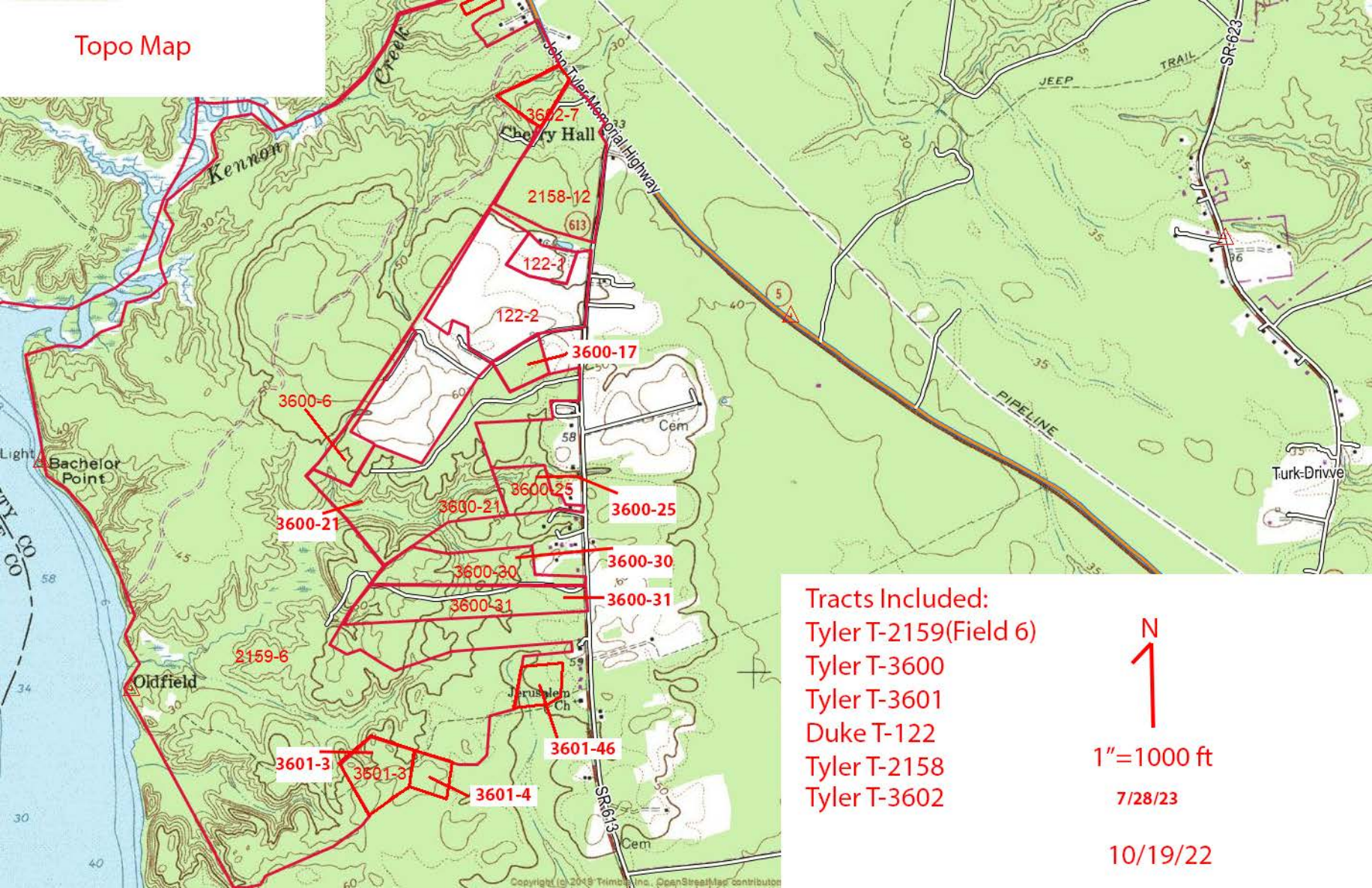
*All Latitude/Longitude Points were obtained through Google Earth

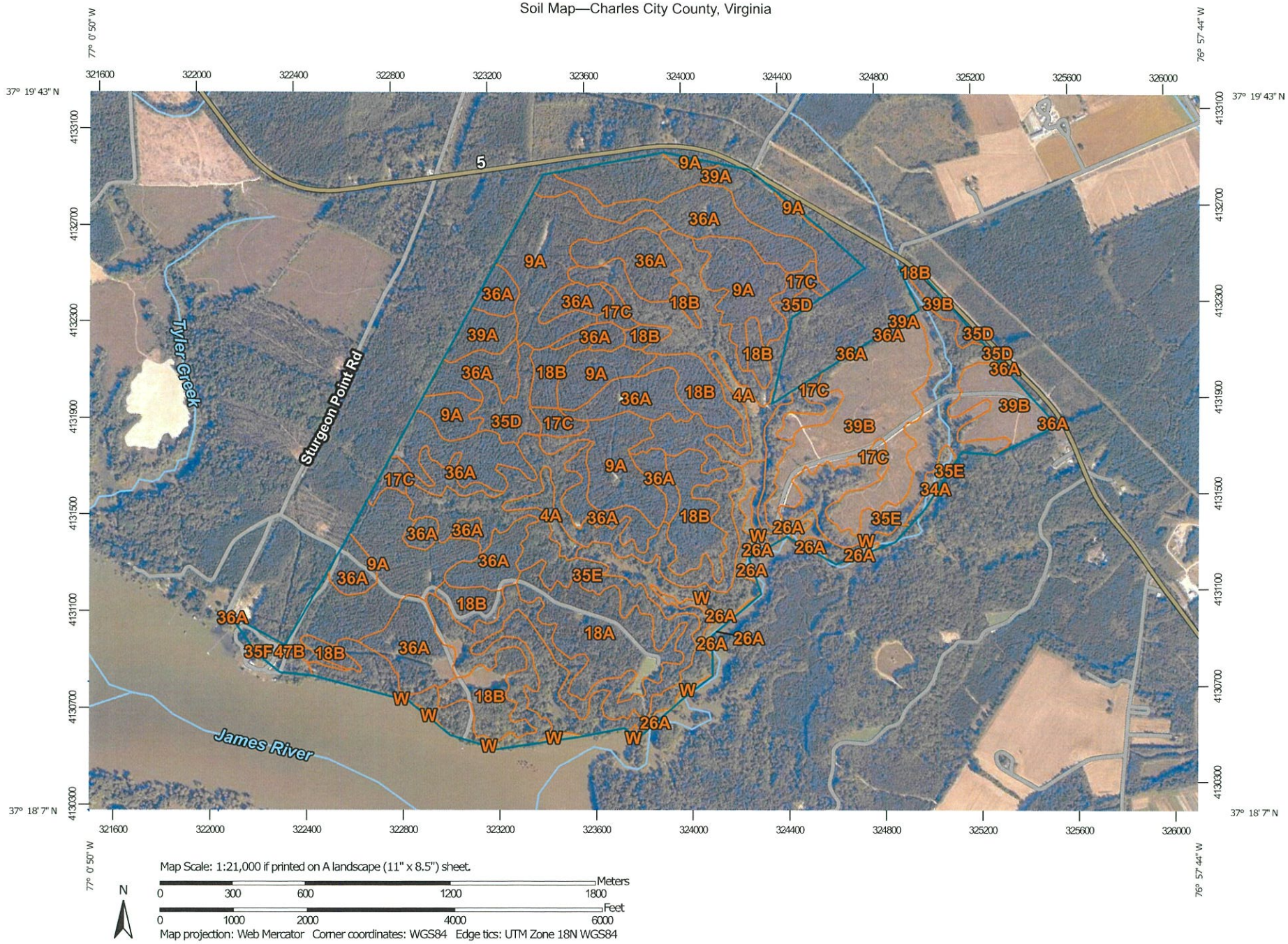

Tyler
T-2159
Road Map
Haul Route
1"=1 mile
7/17/23
N
Crawfords State Forest
Providence Forge
Mountcastle
Woodhaven Shores
Nances Shop
Radio Tower
Sandybottom
Windsor Shades
Walkers Rock-A-Hock
Chickahominy Lake
Chickahominy Shores
Adkins Store
Roaches Corner
Montpelier
Barnetts
Wayside
Kimages
Ruthville
Blanks Tavern
Binns Hall
Holdcroft
Mount Airy
Charles City
New Hope
Sherwood Forest
CHICKAHOMINY STATE WILDLIFE MANAGEMENT AREA
Shirley
Eppes Island
HARRISON LAKE NATIONAL FISH HATCHERY
Evelynton
Bowers Store
Berkeley
Harrisons Landing Strip
Westover
Benjamin Harrison Memorial Bridge
Hopewell Airport
Beechwood
JAMES RIVER
Flowerdew Hundred
Blairs
Weyanoke
Milton
Upper Brandon
Willow Hill
Brandon
Rustic
Glendale
Hughes Store
Elko
Glendale Nat Cem
Turkey Island
Presque Isle
Greenway
PIPELINE
POWERLINE
NEW KENT CO
CHARLES CITY CO
PRINCE GEORGE CO
HENRICO CO


Buffer Map
7/28/23
N
1
H/W
John Tyler Memorial Hwy
Virginia Capital Trl
1
715 ac
2
35 ac
3
30 ac
4
26 ac
5
180 ac
8
7.5 ac
9
14 ac
Kennon
Kenyon Creek
1000 ft
Tyler
T-2159


Buffer Map
Map 2 of 2
N
6
915.0 ac
H/W
PAS
Memorial Hwy
Virginia Capital Trl
James River
Sandy Point
2000 ft
Tyler
T-2159
7/28/23


Topo Map
T-2159 Fields 1,2,3,4,5,6(part),8,9
T-3602-7
PIPELINE
SR-614
John Tyler Memorial Highway
Farmers Rest Road
JEEP TRAIL
Creek
Kennon Creek
Cherry Hall
Sturgeon Point Light
State Route 614
2159-1
2159-2
2159-3
2159-4
2159-5
2159-6
2159-8
2159-9
3602-7
Tyler
T-2159
T-3602
1"=800 ft
7/28/23
N


Topo Map
Kennon Creek
John Tyler Memorial Highway
Cherry Hall
JEEP TRAIL
SR-623
PIPELINE
Turk-Drive
Bachelor Point
Light
Oldfield
Jerusalem Ch
Cem
SR-613
3602-7
2158-12
122-3
122-2
3600-17
3600-6
3600-25
3600-21
3600-30
3600-31
2159-6
3601-46
3601-3
3601-31
3601-4
Tracts Included:
Tyler T-2159(Field 6)
Tyler T-3600
Tyler T-3601
Duke T-122
Tyler T-2158
Tyler T-3602
N
1″=1000 ft
7/28/23
10/19/22


77° 0' 50" W
76° 57' 44" W
37° 19' 43" N
37° 18' 7" N
321600
322000
322400
322800
323200
323600
324000
324400
324800
325200
325600
326000
4133100
4132700
4132300
4131900
4131500
4131100
4130700
4130300
5
Tyler Creek
Sturgeon Point Rd
James River
9A
39A
36A
17C
18B
35D
39B
4A
35E
34A
26A
W
18A
35F
47B
Map Scale: 1:21,000 if printed on A landscape (11" x 8.5") sheet.
N
Meters
0 300 600 1200 1800
Feet
0 1000 2000 4000 6000
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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: Charles City County, Virginia
Survey Area Data: Version 15, Jun 3, 2020

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

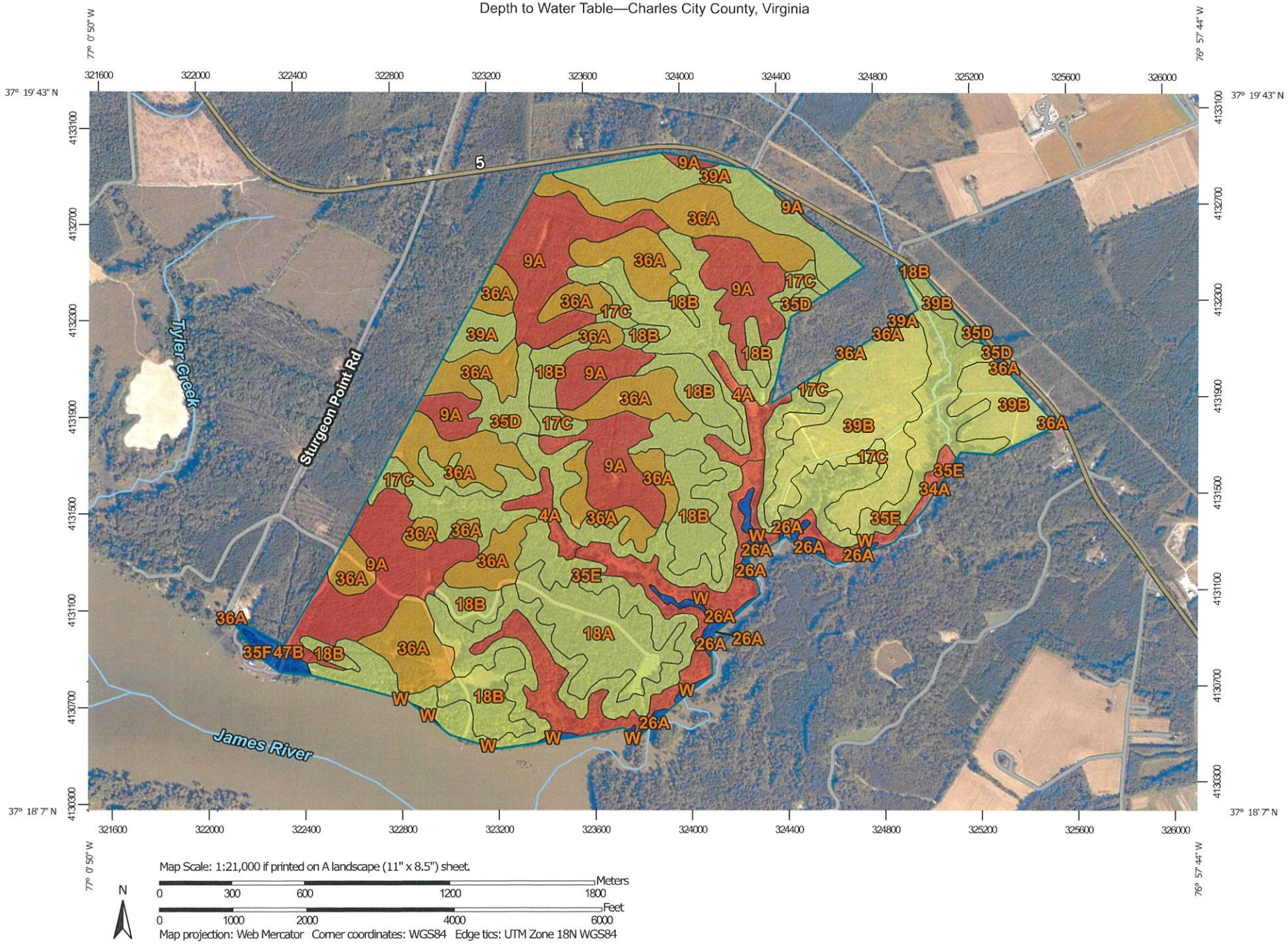
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	18.0	1.7%
9A	Chickahominy loam, 0 to 2 percent slopes	175.9	16.6%
17C	Craven-Uchee complex, 6 to 10 percent slopes	32.7	3.1%
18A	Dogue silt loam, 0 to 2 percent slopes	44.1	4.1%
18B	Dogue silt loam, 2 to 6 percent slopes	86.2	8.1%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	64.6	6.1%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	4.3	0.4%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	17.6	1.7%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	258.7	24.3%
35F	Nevarc-Remlik complex, 25 to 60 percent slopes	0.3	0.0%
36A	Newflat silt loam, 0 to 2 percent slopes	192.3	18.1%
39A	Peawick silt loam, 0 to 2 percent slopes	53.0	5.0%
39B	Peawick silt loam, 2 to 6 percent slopes	96.4	9.1%
47B	Udorthents, loamy, gently sloping	5.9	0.6%
W	Water	12.8	1.2%
Totals for Area of Interest		**1,062.7**	**100.0%**

Depth to Water Table—Charles City County, Virginia



Map Scale: 1:21,000 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 300 600 1200 1800

Feet: 0 1000 2000 4000 6000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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: Charles City County, Virginia
Survey Area Data: Version 15, Jun 3, 2020

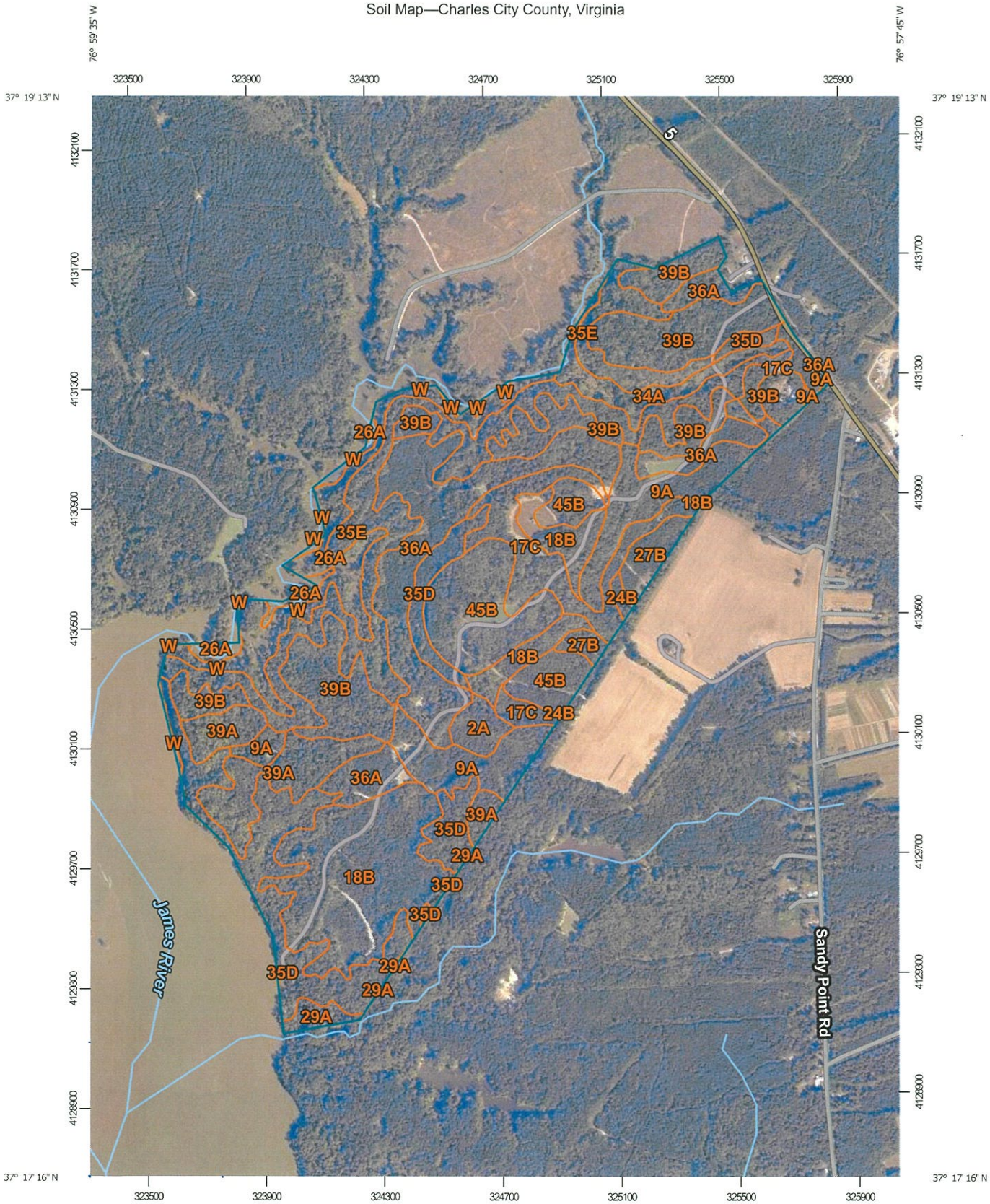
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	18.0	1.7%
9A	Chickahominy loam, 0 to 2 percent slopes	8	175.9	16.6%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	32.7	3.1%
18A	Dogue silt loam, 0 to 2 percent slopes	61	44.1	4.1%
18B	Dogue silt loam, 2 to 6 percent slopes	61	86.2	8.1%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	0	64.6	6.1%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	0	4.3	0.4%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	17.6	1.7%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	258.7	24.3%
35F	Nevarc-Remlik complex, 25 to 60 percent slopes	61	0.3	0.0%
36A	Newflat silt loam, 0 to 2 percent slopes	31	192.3	18.1%
39A	Peawick silt loam, 0 to 2 percent slopes	61	53.0	5.0%
39B	Peawick silt loam, 2 to 6 percent slopes	61	96.4	9.1%
47B	Udorthents, loamy, gently sloping	>200	5.9	0.6%
W	Water	>200	12.8	1.2%
Totals for Area of Interest			**1,062.7**	**100.0%**



Map Scale: 1:17,600 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 250 500 1000 1500

Feet: 0 500 1000 2000 3000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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: Charles City County, Virginia
Survey Area Data: Version 15, Jun 3, 2020

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

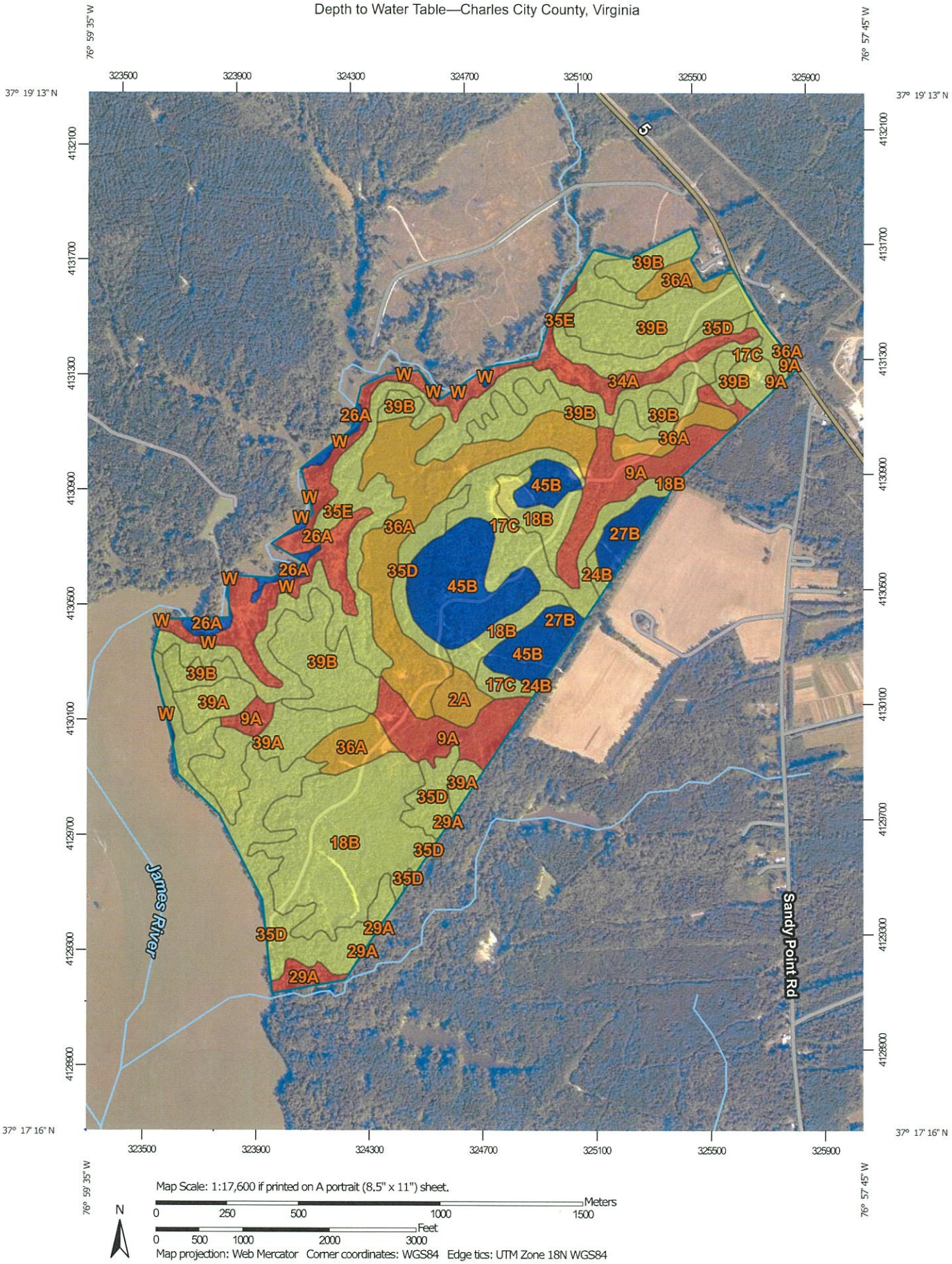
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2A	Augusta sandy loam, 0 to 2 percent slopes	6.6	1.0%
9A	Chickahominy loam, 0 to 2 percent slopes	46.4	7.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	38.8	6.1%
18B	Dogue silt loam, 2 to 6 percent slopes	80.0	12.7%
24B	Izagora silt loam, 0 to 4 percent slopes	2.0	0.3%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	36.0	5.7%
27B	Masada loam, 2 to 6 percent slopes	10.5	1.7%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	4.2	0.7%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	13.3	2.1%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	64.4	10.2%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	78.5	12.4%
36A	Newflat silt loam, 0 to 2 percent slopes	75.2	11.9%
39A	Peawick silt loam, 0 to 2 percent slopes	32.8	5.2%
39B	Peawick silt loam, 2 to 6 percent slopes	88.2	14.0%
45B	Turbeville loam, 2 to 6 percent slopes	47.1	7.5%
W	Water	7.8	1.2%
Totals for Area of Interest		**631.8**	**100.0%**

Depth to Water Table—Charles City County, Virginia



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.

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: Charles City County, Virginia
Survey Area Data: Version 15, Jun 3, 2020

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

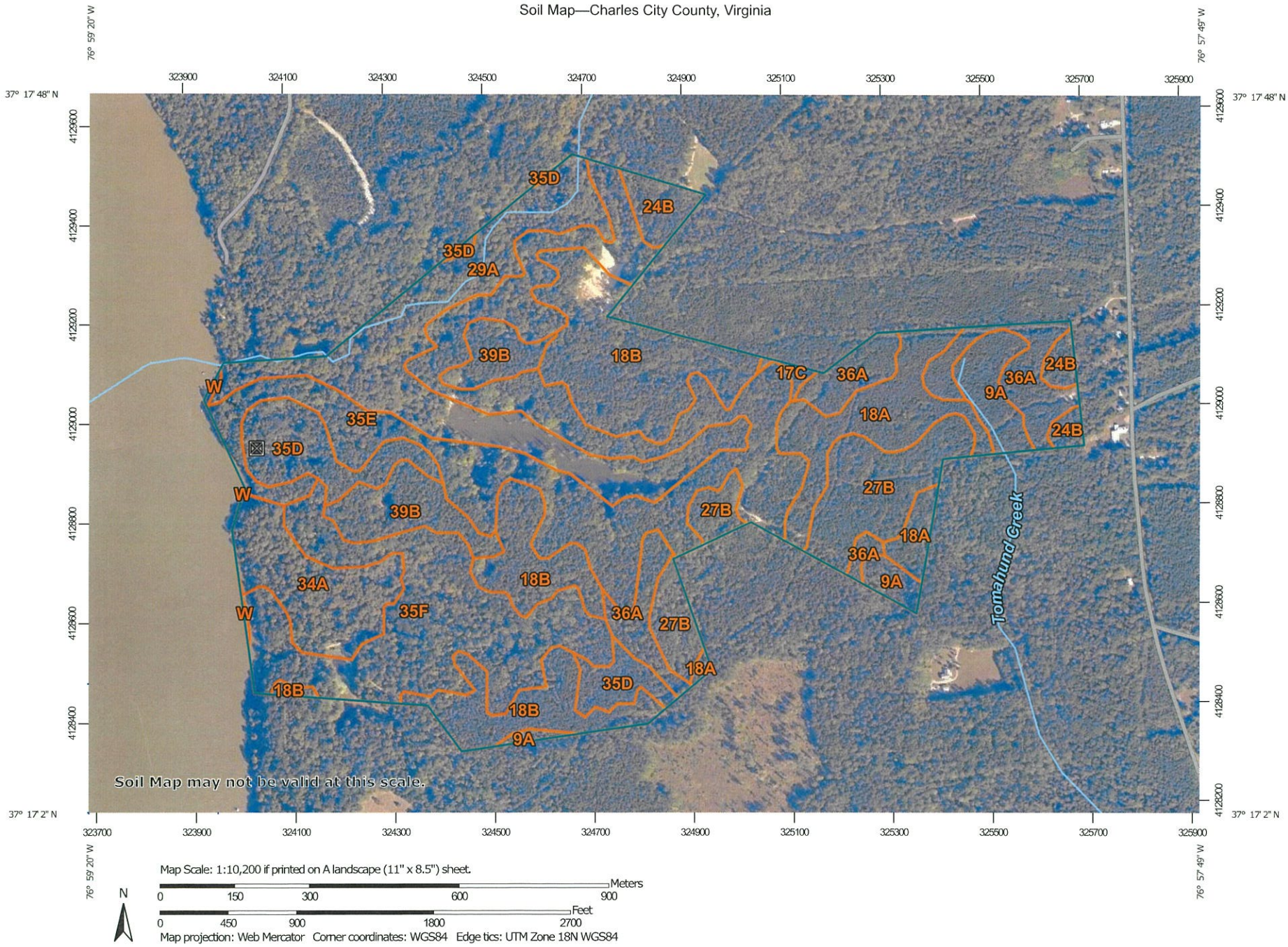
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
2A	Augusta sandy loam, 0 to 2 percent slopes	46	6.6	1.0%
9A	Chickahominy loam, 0 to 2 percent slopes	8	46.4	7.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	38.8	6.1%
18B	Dogue silt loam, 2 to 6 percent slopes	61	80.0	12.7%
24B	Izagora silt loam, 0 to 4 percent slopes	76	2.0	0.3%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	0	36.0	5.7%
27B	Masada loam, 2 to 6 percent slopes	>200	10.5	1.7%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0	4.2	0.7%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	0	13.3	2.1%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	64.4	10.2%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	78.5	12.4%
36A	Newflat silt loam, 0 to 2 percent slopes	31	75.2	11.9%
39A	Peawick silt loam, 0 to 2 percent slopes	61	32.8	5.2%
39B	Peawick silt loam, 2 to 6 percent slopes	61	88.2	14.0%
45B	Turbeville loam, 2 to 6 percent slopes	>200	47.1	7.5%
W	Water	>200	7.8	1.2%
Totals for Area of Interest			**631.8**	**100.0%**

Soil Map—Charles City County, Virginia



Map Scale: 1:10,200 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 150 300 600 900

Feet: 0 450 900 1800 2700

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 15, Jun 3, 2020

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

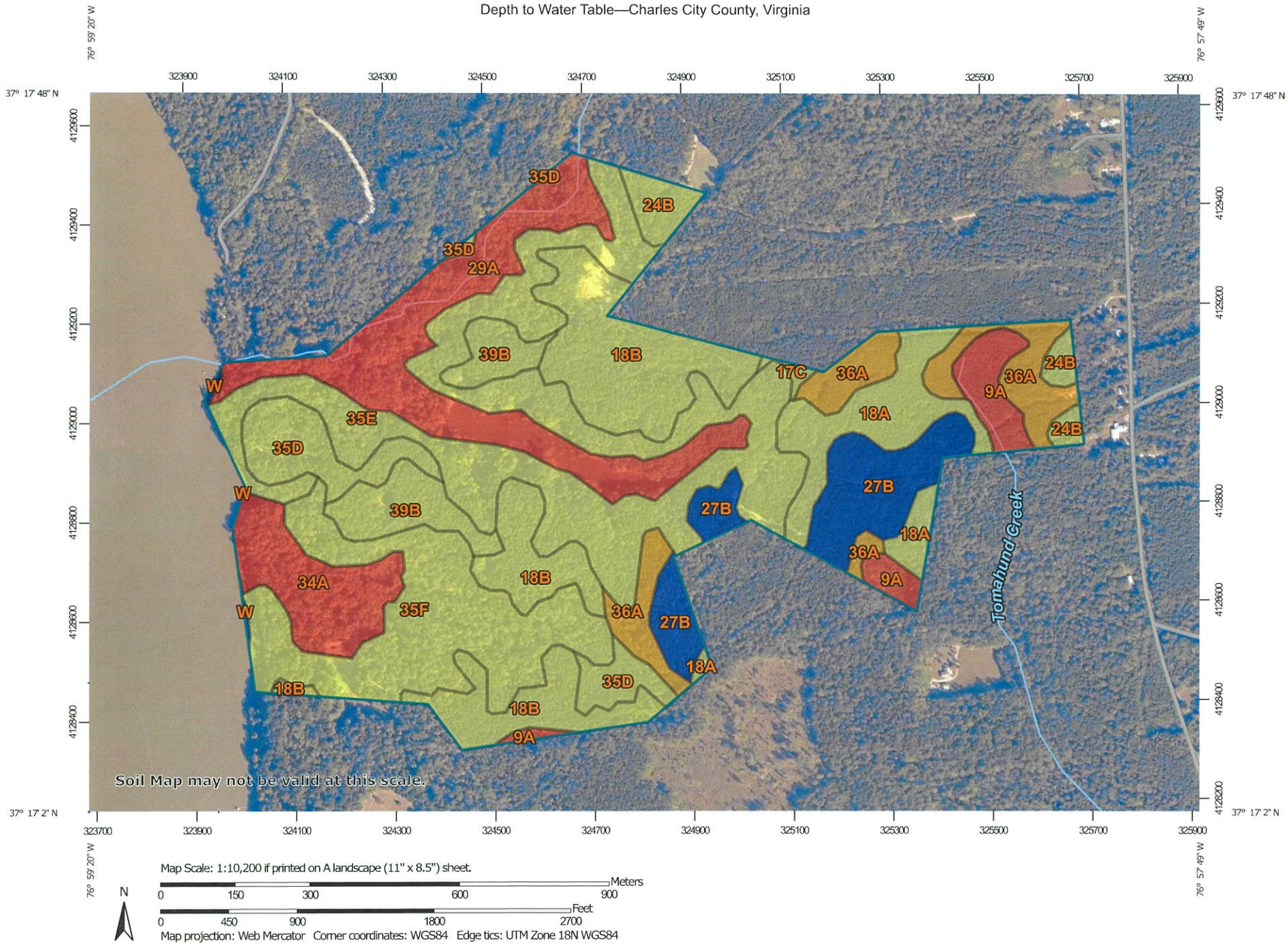
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8.1	2.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	0.6	0.2%
18A	Dogue silt loam, 0 to 2 percent slopes	16.5	6.0%
18B	Dogue silt loam, 2 to 6 percent slopes	40.9	14.8%
24B	Izagora silt loam, 0 to 4 percent slopes	6.1	2.2%
27B	Masada loam, 2 to 6 percent slopes	19.1	6.9%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	33.8	12.2%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	14.2	5.1%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	13.7	5.0%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	58.7	21.2%
35F	Nevarc-Remlik complex, 25 to 60 percent slopes	35.6	12.9%
36A	Newflat silt loam, 0 to 2 percent slopes	17.1	6.2%
39B	Peawick silt loam, 2 to 6 percent slopes	12.1	4.4%
W	Water	0.3	0.1%
Totals for Area of Interest		**276.9**	**100.0%**

Depth to Water Table—Charles City County, Virginia



Map Scale: 1:10,200 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 150 300 600 900

Feet: 0 450 900 1800 2700

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 15, Jun 3, 2020

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

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	8.1	2.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	0.6	0.2%
18A	Dogue silt loam, 0 to 2 percent slopes	61	16.5	6.0%
18B	Dogue silt loam, 2 to 6 percent slopes	61	40.9	14.8%
24B	Izagora silt loam, 0 to 4 percent slopes	76	6.1	2.2%
27B	Masada loam, 2 to 6 percent slopes	>200	19.1	6.9%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0	33.8	12.2%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	0	14.2	5.1%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	13.7	5.0%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	58.7	21.2%
35F	Nevarc-Remlik complex, 25 to 60 percent slopes	61	35.6	12.9%
36A	Newflat silt loam, 0 to 2 percent slopes	31	17.1	6.2%
39B	Peawick silt loam, 2 to 6 percent slopes	61	12.1	4.4%
W	Water	>200	0.3	0.1%
Totals for Area of Interest			**276.9**	**100.0%**

Tyler
Tract T-2159
Field Data Sheet

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
2159-1	715.0	37.3172	-76.9909	Silviculture
2159-2	35.0			Silviculture
2159-3	30.0			Silviculture
2159-4	26.0			Silviculture
2159-5	180.0			Silviculture
2159-6	915.0			Silviculture
2159-8	7.5			Agriculture
2159-9	14.0			Silviculture
SUM	**1962.5**			

*All Latitude/Longitude Points were obtained through Google Earth

7/17/23

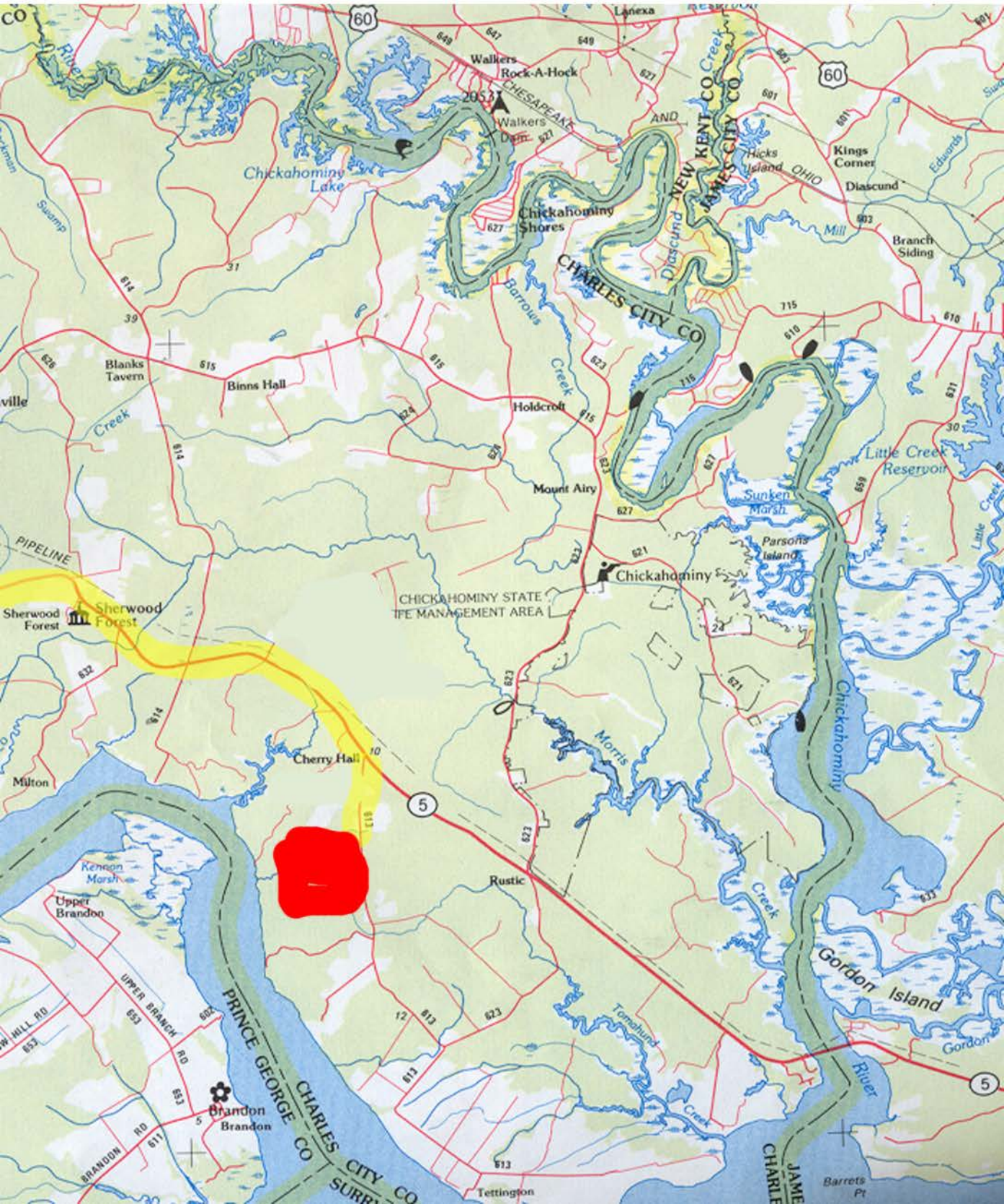
N

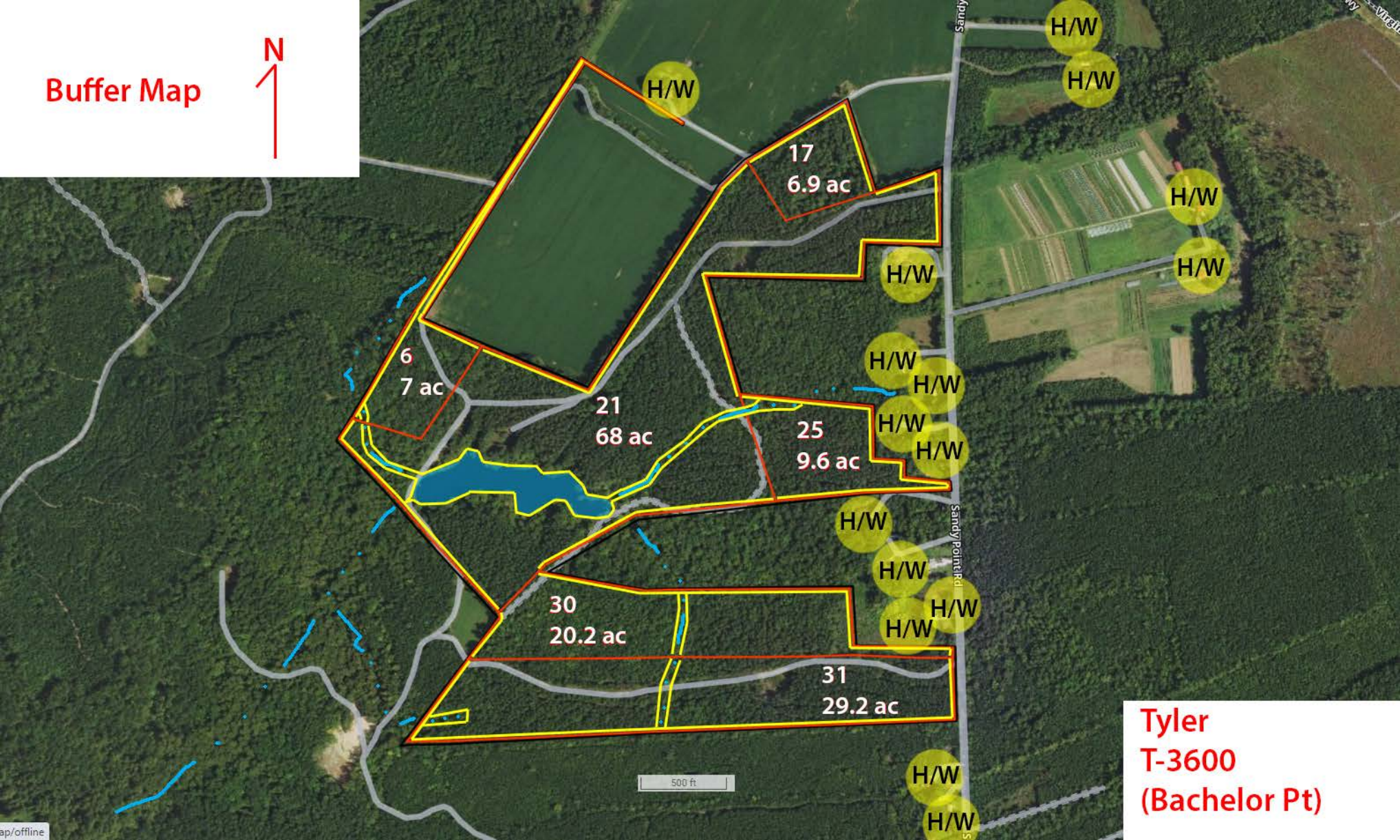
Road Map

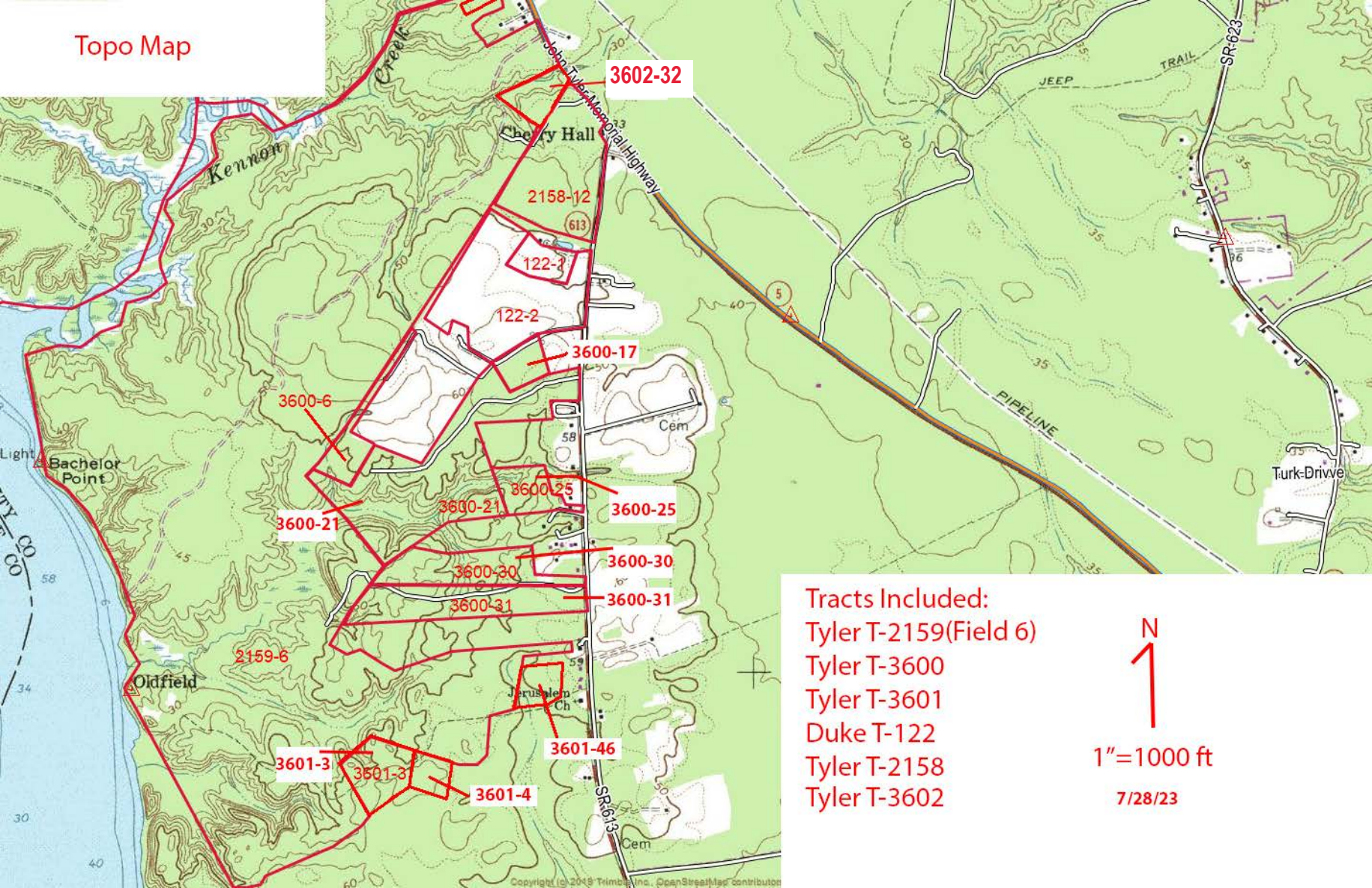
Haul Route

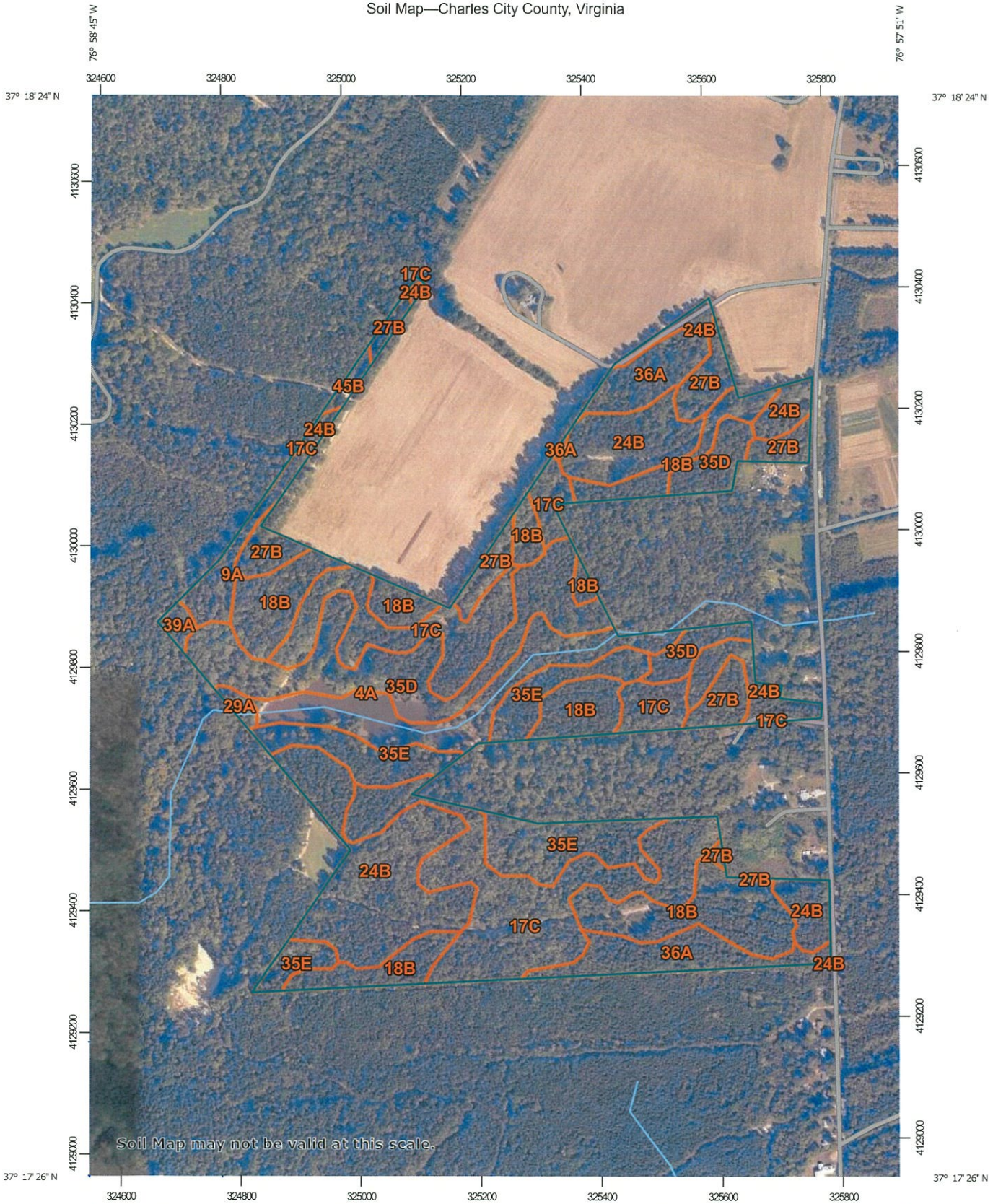
1"=1 mile

Tyler
T-3600




Buffer Map
N
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
17
6.9 ac
6
7 ac
21
68 ac
25
9.6 ac
30
20.2 ac
31
29.2 ac
Sandy Point Rd
500 ft
Tyler
T-3600
(Bachelor Pt)


Topo Map
3602-32
2158-12
122-3
122-2
3600-17
3600-6
3600-21
3600-25
3600-30
3600-31
2159-6
3601-3
3601-31
3601-4
3601-46
Cherry Hall
Kennon Creek
John Tyler Memorial Highway
JEEP TRAIL
SR-623
PIPELINE
Bachelor Point
Oldfield
Jerusalem Ch
Cem
SR-613
Turk-Drive
Tracts Included:
Tyler T-2159(Field 6)
Tyler T-3600
Tyler T-3601
Duke T-122
Tyler T-2158
Tyler T-3602
N
1"=1000 ft
7/28/23



Map Scale: 1:8,670 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 400 800 1600 2400

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

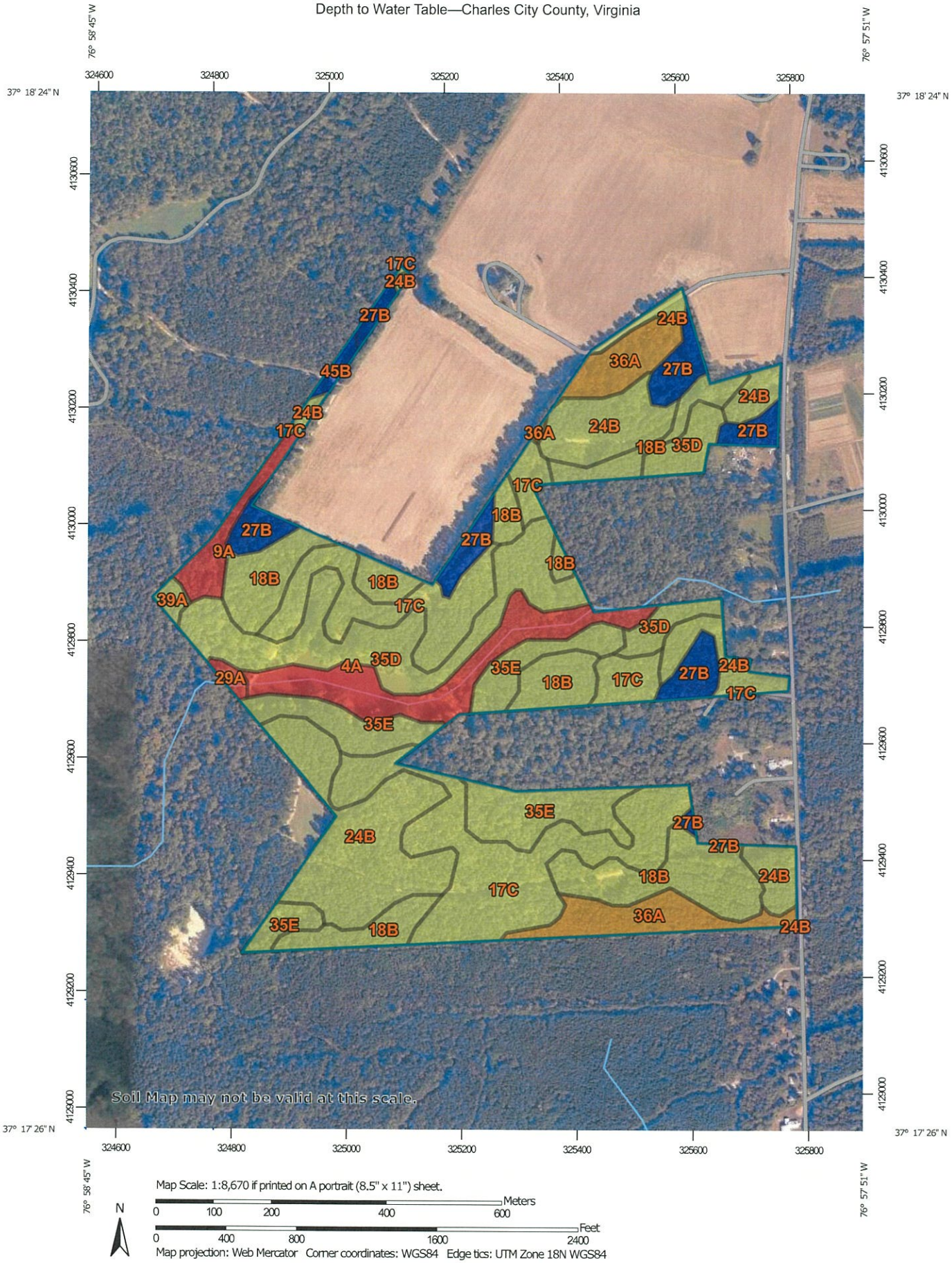
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Apr 7, 2021

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	9.5	6.5%
9A	Chickahominy loam, 0 to 2 percent slopes	2.8	1.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	29.5	20.2%
18B	Dogue silt loam, 2 to 6 percent slopes	23.8	16.3%
24B	Izagora silt loam, 0 to 4 percent slopes	27.4	18.7%
27B	Masada loam, 2 to 6 percent slopes	8.9	6.1%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0.6	0.4%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	18.8	12.9%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	14.5	9.9%
36A	Newflat silt loam, 0 to 2 percent slopes	8.9	6.1%
39A	Peawick silt loam, 0 to 2 percent slopes	0.7	0.5%
45B	Turbeville loam, 2 to 6 percent slopes	0.6	0.4%
Totals for Area of Interest		**146.1**	**100.0%**


76° 58' 45" W
76° 57' 51" W
37° 18' 24" N
37° 17' 26" N
324600
324800
325000
325200
325400
325600
325800
4130800
4130600
4130400
4130200
4130000
4129800
4129600
4129400
4129200
4129000
17C
24B
27B
45B
36A
18B
35D
9A
39A
4A
35E
29A
Soil Map may not be valid at this scale.
Map Scale: 1:8,670 if printed on A portrait (8.5" x 11") sheet.
N
Meters
0
100
200
400
600
Feet
0
400
800
1600
2400
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

Date(s) aerial images were photographed: Oct 11, 2019—Apr 7, 2021

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	9.5	6.5%
9A	Chickahominy loam, 0 to 2 percent slopes	8	2.8	1.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	29.5	20.2%
18B	Dogue silt loam, 2 to 6 percent slopes	61	23.8	16.3%
24B	Izagora silt loam, 0 to 4 percent slopes	76	27.4	18.7%
27B	Masada loam, 2 to 6 percent slopes	>200	8.9	6.1%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0	0.6	0.4%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	18.8	12.9%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	14.5	9.9%
36A	Newflat silt loam, 0 to 2 percent slopes	31	8.9	6.1%
39A	Peawick silt loam, 0 to 2 percent slopes	61	0.7	0.5%
45B	Turbeville loam, 2 to 6 percent slopes	>200	0.6	0.4%
Totals for Area of Interest			**146.1**	**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.

Tyler
Tract T-3600
Field Data Sheet

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
3600-6	7.0	37.2984	-76.9716	Silviculture
3600-17	6.9			Silviculture
3600-21	68.0			Silviculture
3600-25	9.6			Silviculture
3600-30	20.2			Silviculture
3600-31	29.2			Silviculture
SUM	**140.9**			

*All Latitude/Longitude Points were obtained through Google Earth

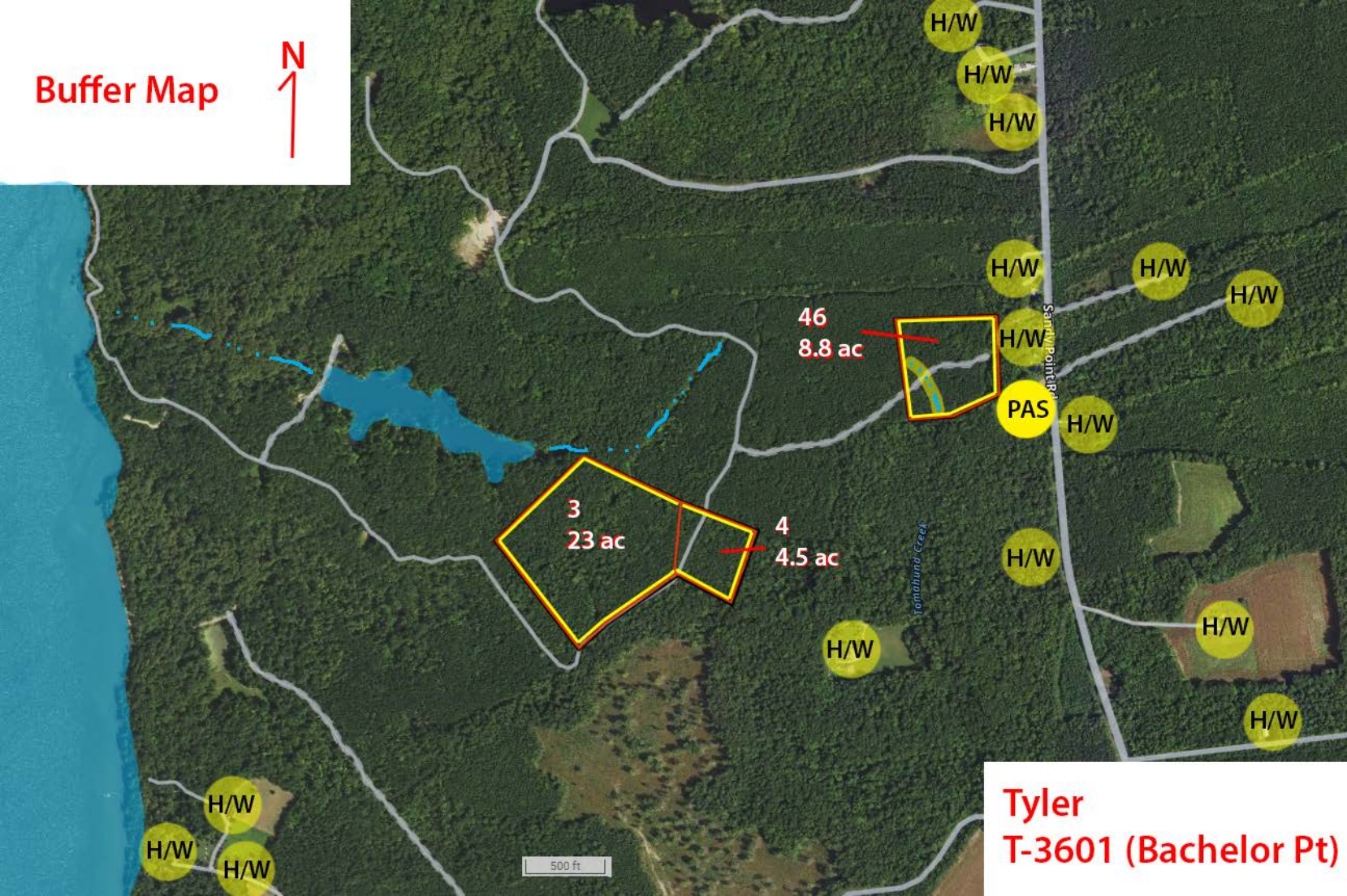
7/17/23

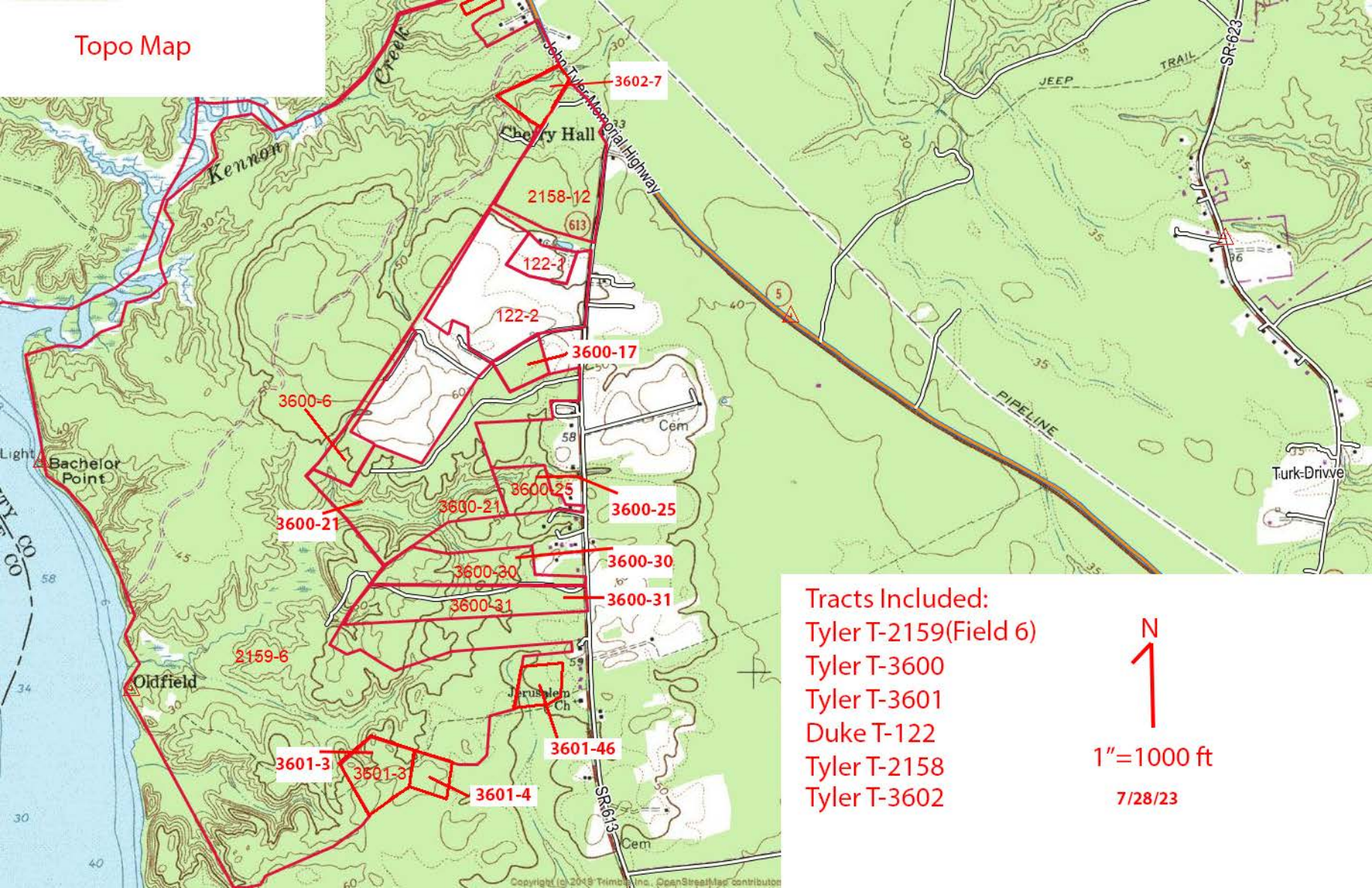
N

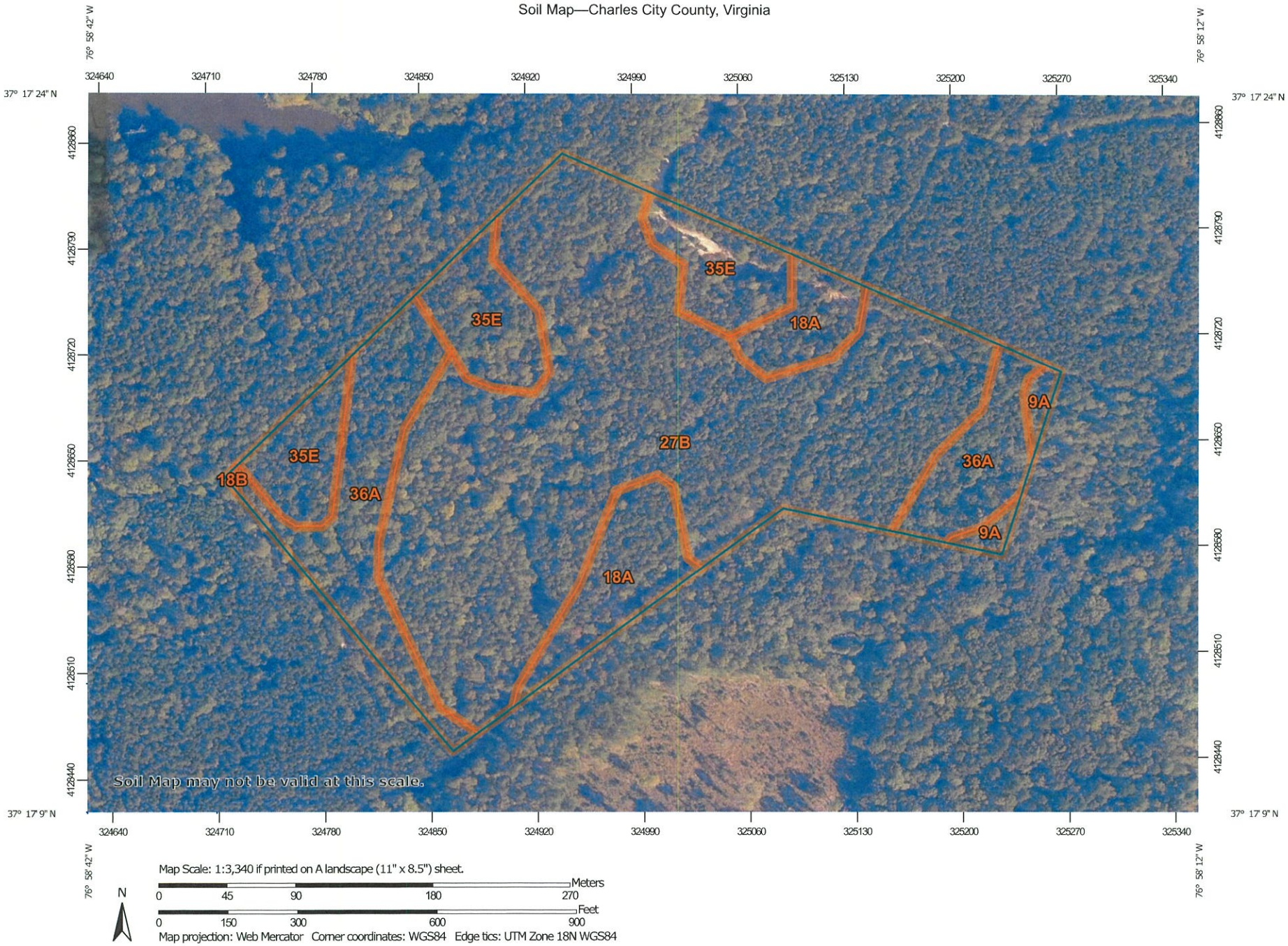
Road Map
Haul Route

1"=1 mile

Tyler
T-3601


Buffer Map
N
H/W
H/W
H/W
H/W
H/W
H/W
H/W
46
8.8 ac
PAS
H/W
3
23 ac
4
4.5 ac
H/W
H/W
H/W
H/W
H/W
H/W
H/W
Sandy Point Rd
Tomahund Creek
500 ft
Tyler
T-3601 (Bachelor Pt)


Topo Map
Kennon Creek
Cherry Hall
John Tyler Memorial Highway
JEEP TRAIL
SR-623
PIPELINE
Turk-Drive
Bachelor Point
Oldfield
Jerusalem Ch
Cem
SR-613
3602-7
2158-12
122-3
122-2
3600-17
3600-6
3600-25
3600-21
3600-30
3600-31
2159-6
3601-46
3601-3
3601-31
3601-4
Tracts Included:
Tyler T-2159(Field 6)
Tyler T-3600
Tyler T-3601
Duke T-122
Tyler T-2158
Tyler T-3602
N
1"=1000 ft
7/28/23



Map Scale: 1:3,340 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 45 90 180 270

Feet
0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

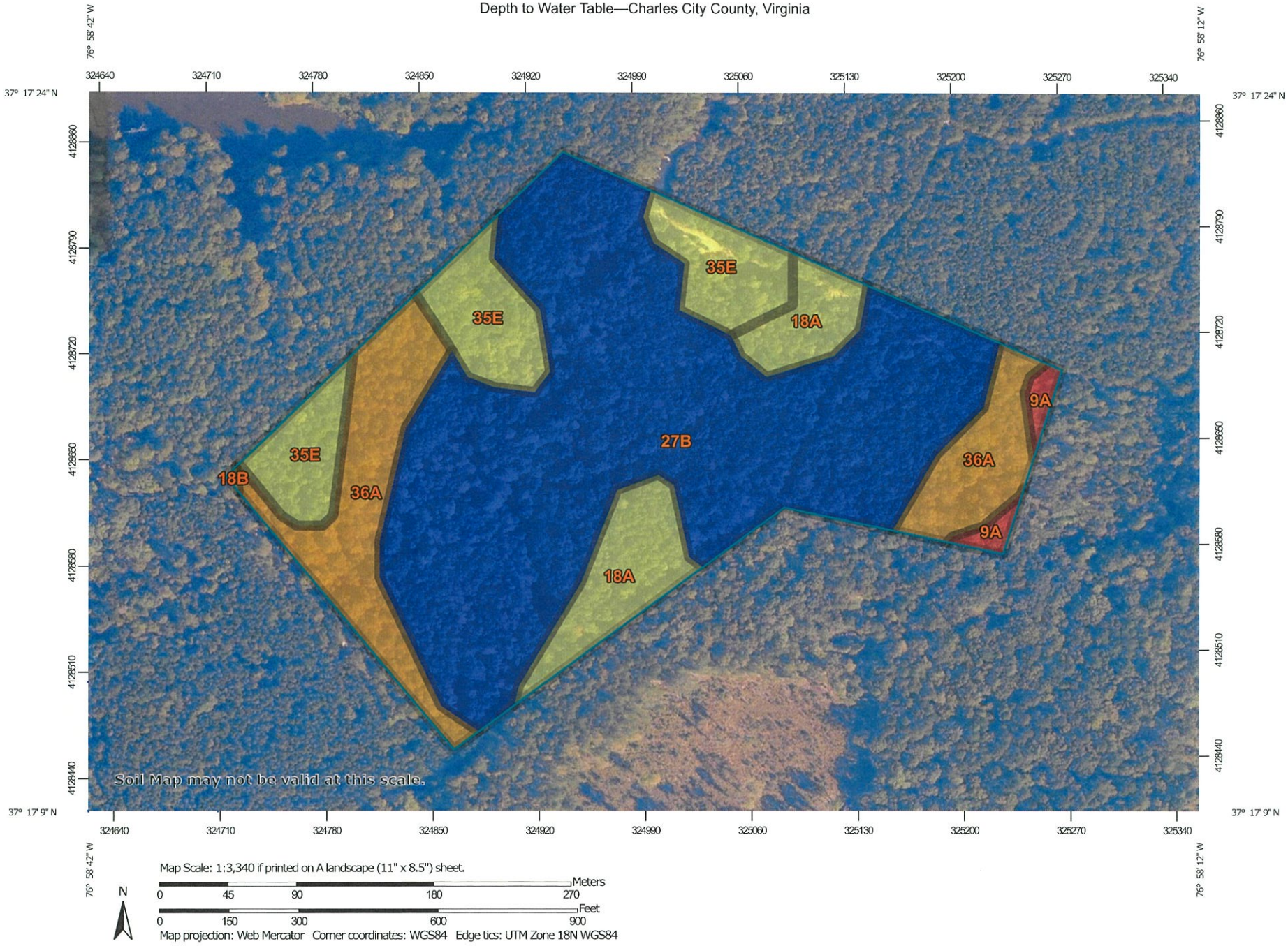
Date(s) aerial images were photographed: Oct 11, 2019—Apr 7, 2021

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	0.4	1.3%
18A	Dogue silt loam, 0 to 2 percent slopes	2.6	9.4%
18B	Dogue silt loam, 2 to 6 percent slopes	0.0	0.1%
27B	Masada loam, 2 to 6 percent slopes	16.3	59.4%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	3.7	13.7%
36A	Newflat silt loam, 0 to 2 percent slopes	4.4	16.2%
Totals for Area of Interest		**27.4**	**100.0%**

Depth to Water Table—Charles City County, Virginia



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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

Date(s) aerial images were photographed: Oct 11, 2019—Apr 7, 2021

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	0.4	1.3%
18A	Dogue silt loam, 0 to 2 percent slopes	61	2.6	9.4%
18B	Dogue silt loam, 2 to 6 percent slopes	61	0.0	0.1%
27B	Masada loam, 2 to 6 percent slopes	>200	16.3	59.4%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	3.7	13.7%
36A	Newflat silt loam, 0 to 2 percent slopes	31	4.4	16.2%
Totals for Area of Interest			**27.4**	**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

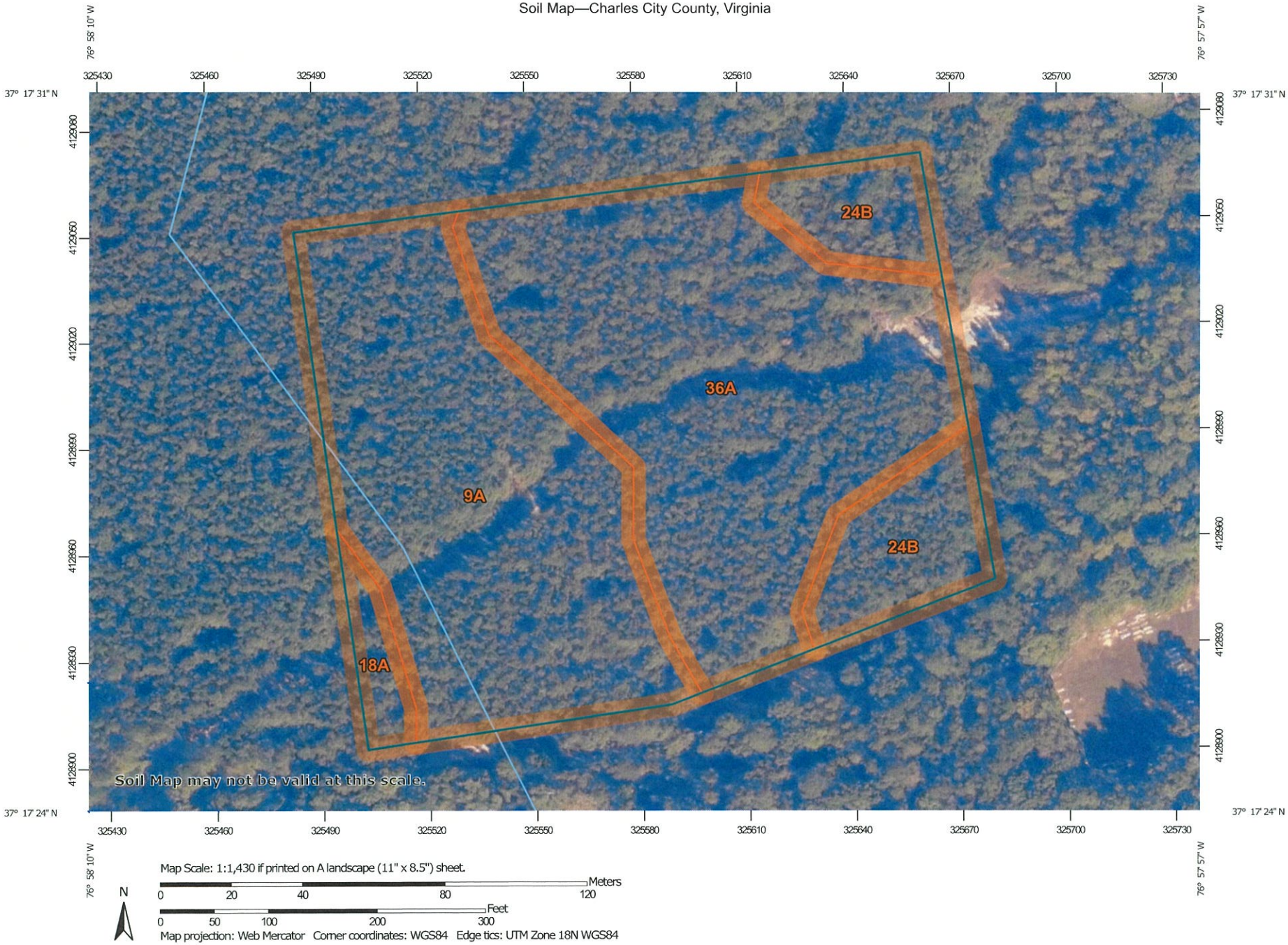
Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

Soil Map—Charles City County, Virginia



Map Scale: 1:1,430 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

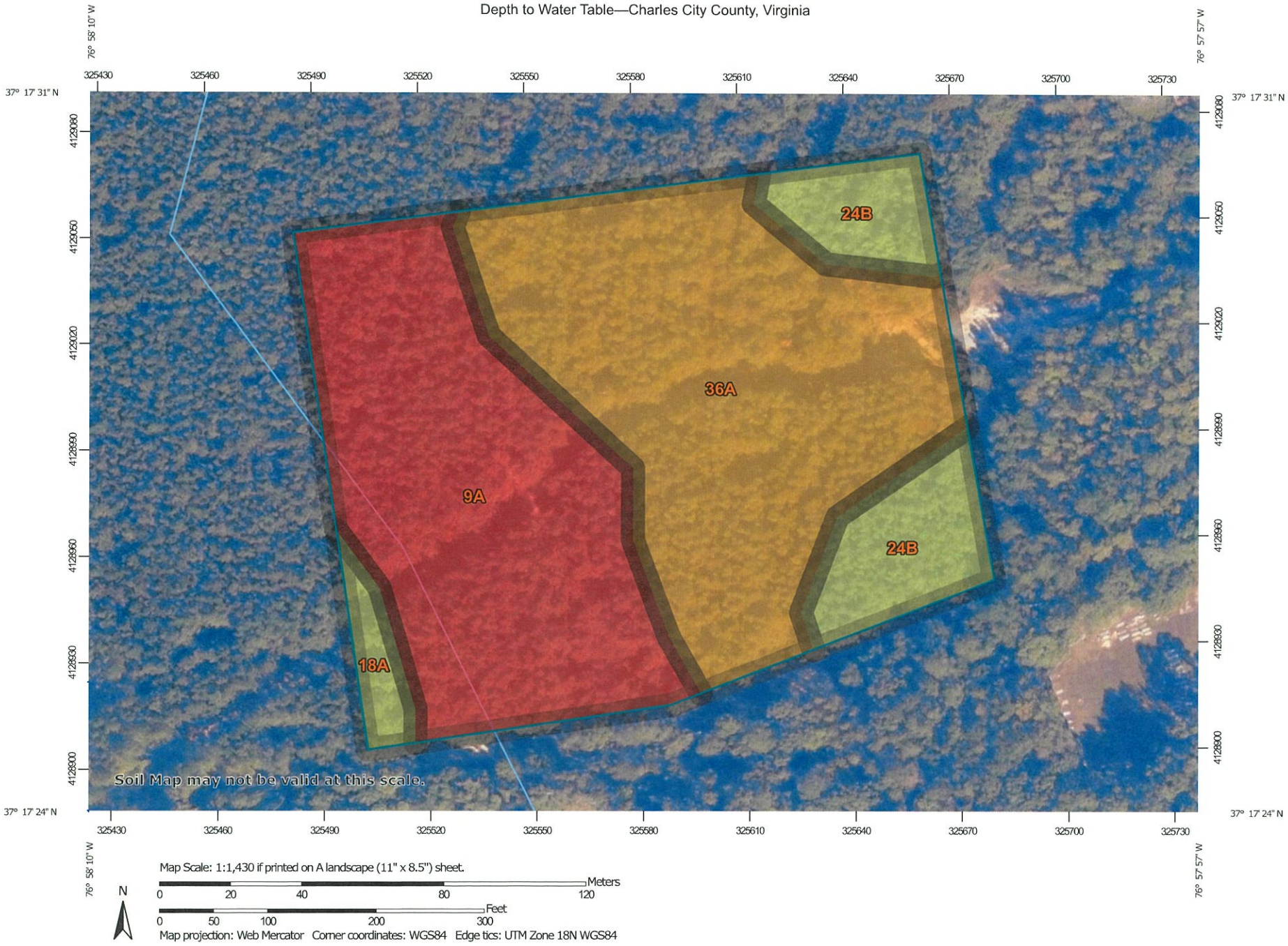
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	2.4	39.1%
18A	Dogue silt loam, 0 to 2 percent slopes	0.2	2.6%
24B	Izagora silt loam, 0 to 4 percent slopes	0.8	12.5%
36A	Newflat silt loam, 0 to 2 percent slopes	2.9	45.8%
Totals for Area of Interest		**6.3**	**100.0%**

Depth to Water Table—Charles City County, Virginia



Map Scale: 1:1,430 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	2.4	39.1%
18A	Dogue silt loam, 0 to 2 percent slopes	61	0.2	2.6%
24B	Izagora silt loam, 0 to 4 percent slopes	76	0.8	12.5%
36A	Newflat silt loam, 0 to 2 percent slopes	31	2.9	45.8%
Totals for Area of Interest			**6.3**	**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

Tyler
Tract T-3601
Field Data Sheet

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
3601-3	23.0	37.288	-76.974	Silviculture
3601-4	4.5			Silviculture
3601-46	8.8			Silviculture
SUM	**36.3**			

*All Latitude/Longitude Points were obtained through Google Earth

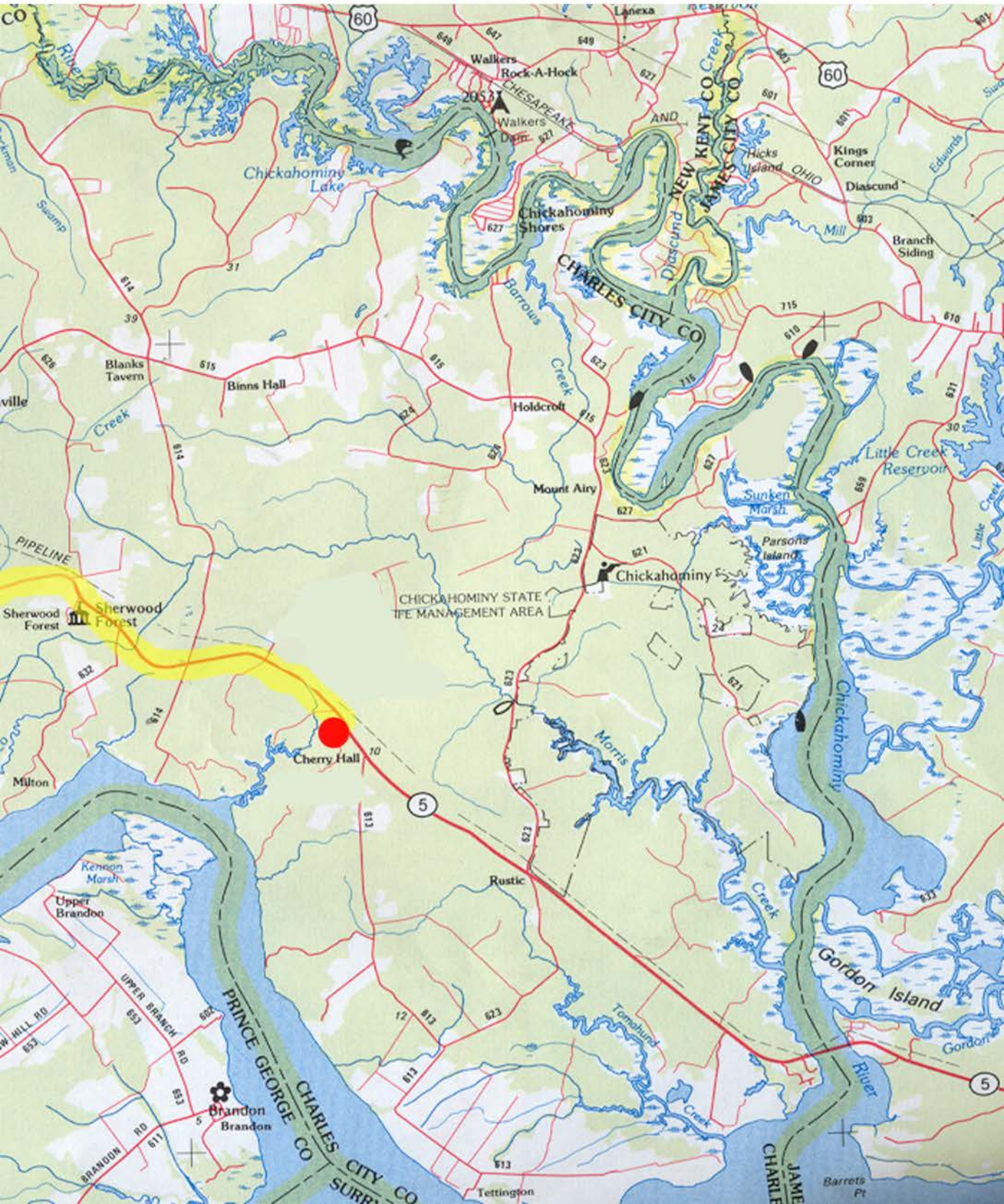
7/17/23

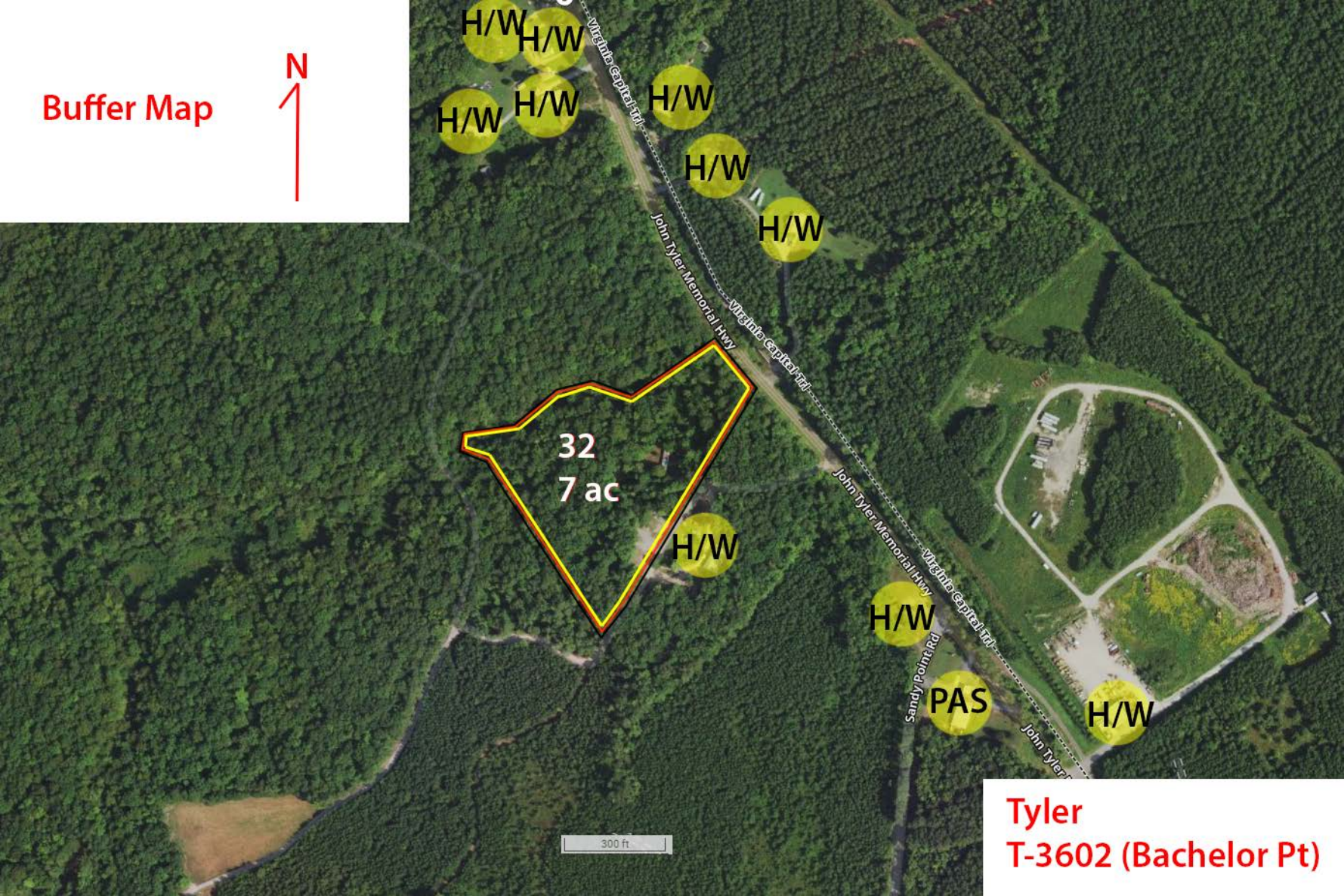
N

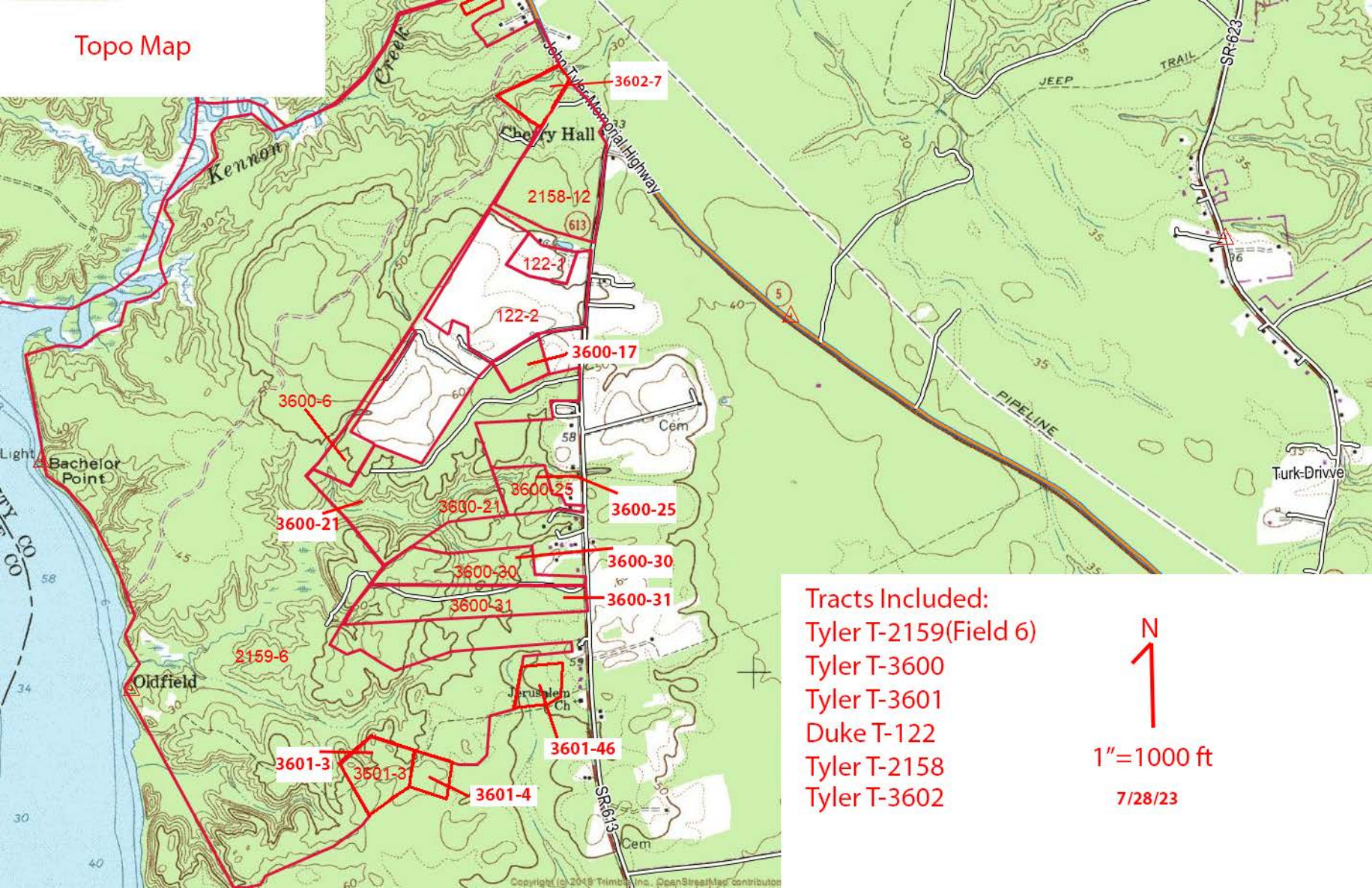
Road Map
Haul Route

1"=1 mile

Tyler
T-3602




Buffer Map
N
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
H/W
PAS
H/W
32
7 ac
Virginia Capital Trl
John Tyler Memorial Hwy
Sandy Point Rd
300 ft
Tyler
T-3602 (Bachelor Pt)


Topo Map
Kennon Creek
Cherry Hall
John Tyler Memorial Highway
JEEP TRAIL
SR-623
PIPELINE
Turk-Drive
Bachelor Point
Oldfield
Jerusalem Ch
Cem
SR-613
3602-7
2158-12
122-3
122-2
3600-17
3600-6
3600-25
3600-21
3600-30
3600-31
2159-6
3601-46
3601-3
3601-31
3601-4
Tracts Included:
Tyler T-2159(Field 6)
Tyler T-3600
Tyler T-3601
Duke T-122
Tyler T-2158
Tyler T-3602
N
1"=1000 ft
7/28/23

Soil Map—Charles City County, Virginia

Map Scale: 1:2,360 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 30 60 120 180

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

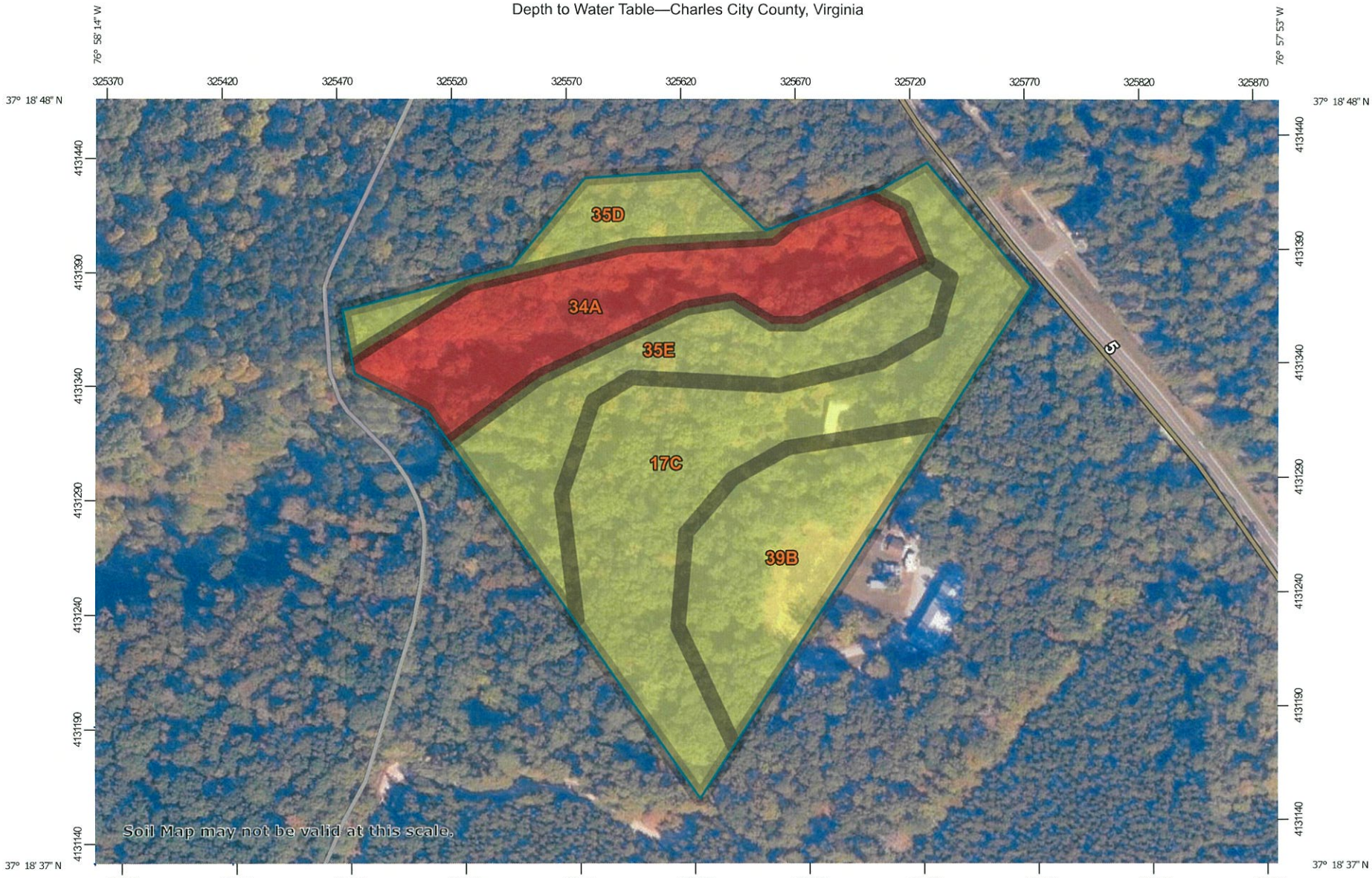
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
17C	Craven-Uchee complex, 6 to 10 percent slopes	3.5	33.3%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	2.4	23.0%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	0.9	8.2%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	1.9	18.0%
39B	Peawick silt loam, 2 to 6 percent slopes	1.9	17.5%
Totals for Area of Interest		**10.6**	**100.0%**

Depth to Water Table—Charles City County, Virginia



Map Scale: 1:2,360 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 30 60 120 180

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

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.

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

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

Soil Survey Area: Charles City County, Virginia
Survey Area Data: Version 16, Sep 17, 2021

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

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	3.5	33.3%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	0	2.4	23.0%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	0.9	8.2%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	1.9	18.0%
39B	Peawick silt loam, 2 to 6 percent slopes	61	1.9	17.5%
Totals for Area of Interest			**10.6**	**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.

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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

Tyler
Tract T-3602
Field Data Sheet

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
3602-32	7.0	37.311	-76.9681	Silviculture
SUM	**7.0**			

*All Latitude/Longitude Points were obtained through Google Earth