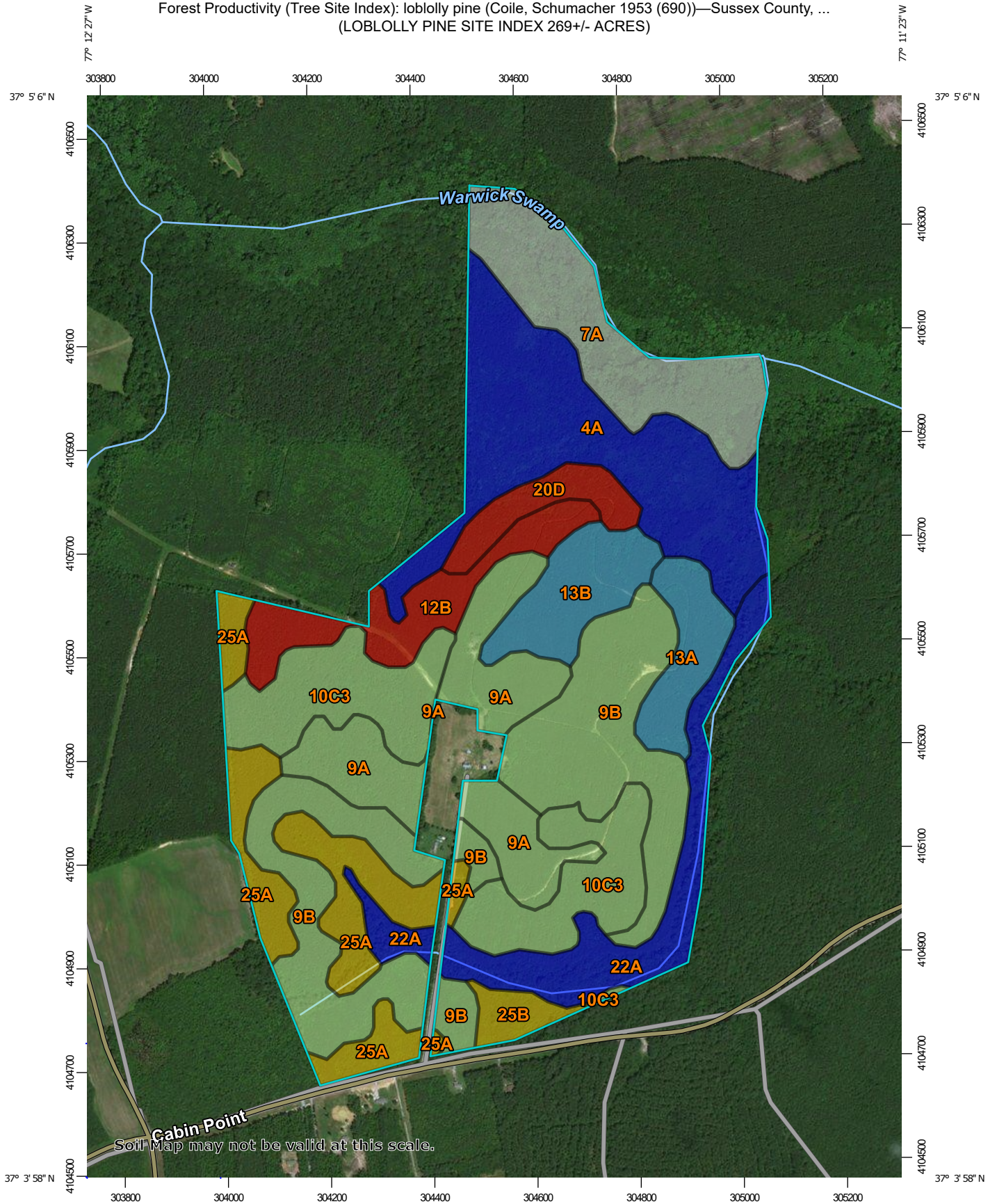
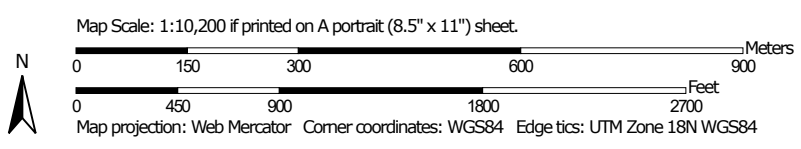


Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))—Sussex County, ...  
 (LOBLOLLY PINE SITE INDEX 269+/- ACRES)



Soil Map may not be valid at this scale.









## MAP LEGEND

### Area of Interest (AOI)






 Area of Interest (AOI)

### Soils







#### Soil Rating Polygons

 <= 77  
 > 77 and <= 86  
 > 86 and <= 88  
 > 88 and <= 90  
 > 90 and <= 100  
 Not rated or not available


#### Soil Rating Lines

 <= 77  
 > 77 and <= 86  
 > 86 and <= 88  
 > 88 and <= 90  
 > 90 and <= 100  
 Not rated or not available






#### Soil Rating Points

 <= 77  
 > 77 and <= 86  
 > 86 and <= 88  
 > 88 and <= 90  
 > 90 and <= 100  
 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: Sussex County, Virginia  
 Survey Area Data: Version 18, Jun 5, 2020

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

Date(s) aerial images were photographed: Jul 7, 2016—Nov 22, 2016

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.

## Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))

Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
4A	Bibb and Chastain soils, 0 to 2 percent slopes, frequently flooded	100	40.7	15.2%
7A	Chastain loam, 0 to 2 percent slopes, frequently flooded		25.3	9.4%
9A	Craven loam, 0 to 2 percent slopes	88	26.7	10.0%
9B	Craven loam, 2 to 6 percent slopes	88	52.2	19.5%
10C3	Craven clay loam, 6 to 10 percent slopes, severely eroded	88	32.3	12.0%
12B	Emporia-Slagle complex, 2 to 6 percent slopes	75	13.9	5.2%
13A	Eulonia fine sandy loam, 0 to 2 percent slopes	90	9.4	3.5%
13B	Eulonia fine sandy loam, 2 to 6 percent slopes	90	12.2	4.6%
20D	Nevarc and Emporia soils, 10 to 15 percent slopes	77	7.0	2.6%
22A	Roanoke loam, 0 to 2 percent slopes, frequently flooded	99	21.0	7.8%
25A	Slagle fine sandy loam, 0 to 2 percent slopes	86	23.8	8.9%
25B	Slagle fine sandy loam, 2 to 6 percent slopes	86	3.6	1.3%
<b>Totals for Area of Interest</b>			<b>268.1</b>	<b>100.0%</b>

### Description

The "site index" is the average height, in feet, that dominant and codominant trees of a given species attain in a specified number of years. The site index applies to fully stocked, even-aged, unmanaged stands.

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 attribute, only the representative value is used.

## Rating Options

*Units of Measure:* feet

*Tree:* loblolly pine

*Site Index Base:* Coile, Schumacher 1953 (690)

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher

*Interpret Nulls as Zero:* No