

MAP LEGEND

Area of Interest (AOI) Excessively drained Area of Interest (AOI) Somewhat excessively drained Soils Well drained **Soil Rating Polygons** Excessively drained Moderately well drained Somewhat excessively Somewhat poorly drained drained Poorly drained Well drained Very poorly drained Moderately well drained Subaqueous Somewhat poorly drained Not rated or not available Poorly drained **Water Features** Very poorly drained Streams and Canals Subaqueous **Transportation** Not rated or not available Rails +++ Soil Rating Lines Interstate Highways Excessively drained **US Routes** Somewhat excessively drained Maior Roads Well drained Local Roads 00 Moderately well drained Background Somewhat poorly drained Aerial Photography Poorly drained Very poorly drained Subaqueous Not rated or not available Soil Rating Points

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: Washington and Wilkinson Counties, Georgia Survey Area Data: Version 24, Aug 29, 2023

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

Date(s) aerial images were photographed: Feb 14, 2023—Mar 15, 2023

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.

Drainage Class

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AeC	Ailey loamy sand, 2 to 8 percent slopes	Well drained	16.2	9.3%
Bk	Kinston and Bibb soils, 0 to 2 percent slopes, frequently flooded	Poorly drained	29.4	16.9%
CnB	Cowarts-Nankin complex, 2 to 5 percent slopes	Well drained	1.6	0.9%
CnC2	Cowarts-Nankin complex, 5 to 12 percent slopes, moderately eroded	Well drained	2.5	1.4%
FsB	Fuquay loamy sand, 0 to 5 percent slopes	Well drained	3.0	1.7%
LaB	Lakeland sand, 0 to 8 percent slopes	Excessively drained	58.9	34.0%
LaD	Lakeland sand, 8 to 17 percent slopes	Excessively drained	57.6	33.2%
TfB	Tifton loamy sand, 2 to 5 percent slopes	Well drained	3.4	1.9%
VaC	Vaucluse and Ailey loamy sands, 2 to 8 percent slopes	Well drained	1.0	0.6%
Totals for Area of Inter	rest	173.5	100.0%	

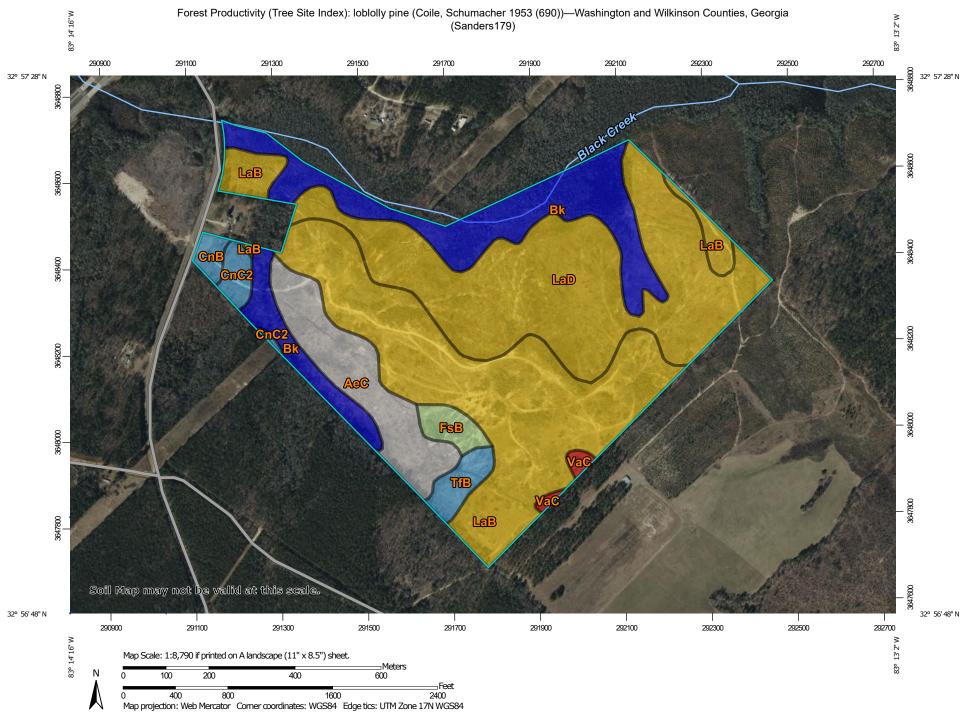
Description

"Drainage class (natural)" refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized-excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the "Soil Survey Manual."

Rating Options

Aggregation Method: Dominant Condition Component Percent Cutoff: None Specified

Tie-break Rule: Higher



MAP LEGEND

Area of Interest (AOI) Transportation Area of Interest (AOI) Rails Soils Interstate Highways Soil Rating Polygons US Routes <= 76 Major Roads > 76 and <= 80 Local Roads > 80 and <= 85 Background > 85 and <= 86 Aerial Photography > 86 and <= 100 Not rated or not available Soil Rating Lines <= 76 > 76 and <= 80 > 80 and <= 85 > 85 and <= 86 > 86 and <= 100 Not rated or not available **Soil Rating Points** <= 76 > 76 and <= 80 > 80 and <= 85 > 85 and <= 86 > 86 and <= 100 Not rated or not available **Water Features** Streams and Canals

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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
AeC	Ailey loamy sand, 2 to 8 percent slopes		16.2	9.3%
Bk	Kinston and Bibb soils, 0 to 2 percent slopes, frequently flooded	100	29.4	16.9%
CnB	Cowarts-Nankin complex, 2 to 5 percent slopes	86	1.6	0.9%
CnC2	Cowarts-Nankin complex, 5 to 12 percent slopes, moderately eroded	86	2.5	1.4%
FsB	Fuquay loamy sand, 0 to 5 percent slopes	85	3.0	1.7%
LaB	Lakeland sand, 0 to 8 percent slopes	80	58.9	34.0%
LaD	Lakeland sand, 8 to 17 percent slopes	80	57.6	33.2%
TfB	Tifton loamy sand, 2 to 5 percent slopes	86	3.4	1.9%
VaC	Vaucluse and Ailey loamy sands, 2 to 8 percent slopes	76	1.0	0.6%
Totals for Area of Interest			173.5	100.0%

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