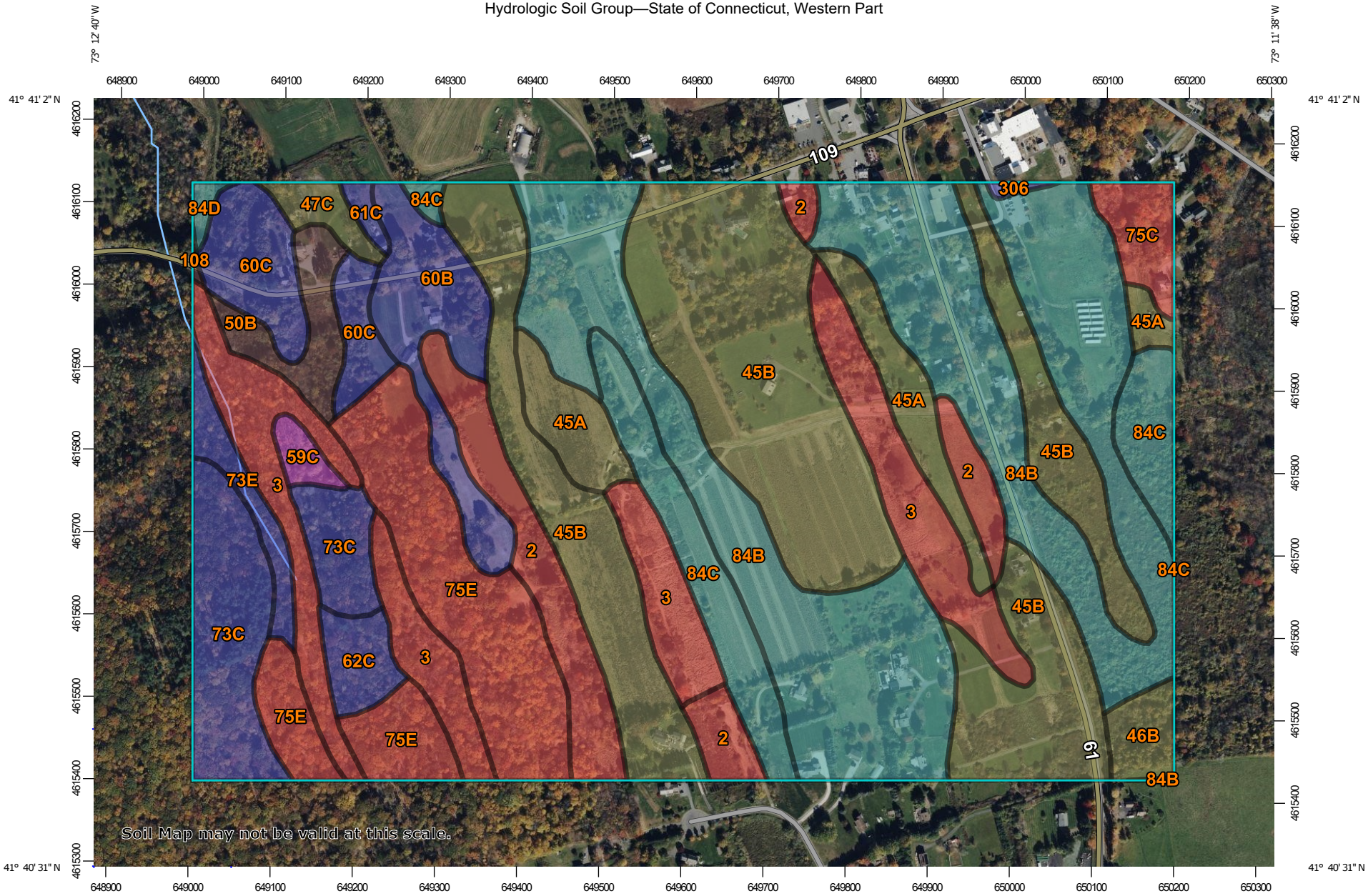
73° 12' 40" W
73° 11' 38" W
41° 41' 2" N
41° 40' 31" N
648900
649000
649100
649200
649300
649400
649500
649600
649700
649800
649900
650000
650100
650200
650300
4616200
4616100
4616000
4615900
4615800
4615700
4615600
4615500
4615400
4615300
109
84D
47C
61C
84C
306
2
75C
108
60C
60B
50B
60C
45A
45B
45A
84C
59C
45B
73E
3
2
84B
3
73C
45B
2
84B
84C
84C
75E
3
45B
73C
62C
3
75E
75E
2
46B
91
84B
Soil Map may not be valid at this scale.
Map Scale: 1:6,570 if printed on A landscape (11" x 8.5") sheet.
N
Meters
0 50 100 200 300
Feet
0 300 600 1200 1800
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

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- 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 1:12,000.

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: State of Connecticut, Western Part
Survey Area Data: Version 1, Sep 15, 2023

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

Date(s) aerial images were photographed: Oct 21, 2022—Oct 27, 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.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
2	Ridgebury fine sandy loam, 0 to 3 percent slopes	D	11.3	5.3%
3	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony	D	21.7	10.1%
45A	Woodbridge fine sandy loam, 0 to 3 percent slopes	C/D	8.3	3.9%
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	C/D	50.9	23.6%
46B	Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony	C/D	2.1	1.0%
47C	Woodbridge fine sandy loam, 3 to 15 percent slopes, extremely stony	C/D	1.6	0.7%
50B	Sutton fine sandy loam, 3 to 8 percent slopes	B/D	3.7	1.7%
59C	Gloucester gravelly sandy loam, 3 to 15 percent slopes, extremely stony	A	1.1	0.5%
60B	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	B	7.9	3.6%
60C	Canton and Charlton fine sandy loams, 8 to 15 percent slopes	B	6.6	3.1%
61C	Canton and Charlton fine sandy loams, 8 to 15 percent slopes, very stony	B	0.6	0.3%
62C	Canton and Charlton fine sandy loams, 3 to 15 percent slopes, extremely stony	B	2.4	1.1%
73C	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	B	11.1	5.2%
73E	Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky	B	2.5	1.2%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
75C	Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes	D	2.7	1.3%
75E	Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes	D	18.6	8.6%
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes	C	51.0	23.7%
84C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes	C	10.4	4.8%
84D	Paxton and Montauk fine sandy loams, 15 to 25 percent slopes	C	0.5	0.2%
108	Saco silt loam, frequently ponded, 0 to 2 percent slopes, frequently flooded	B/D	0.1	0.0%
306	Udorthents-Urban land complex	B	0.2	0.1%
Totals for Area of Interest			**215.2**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher