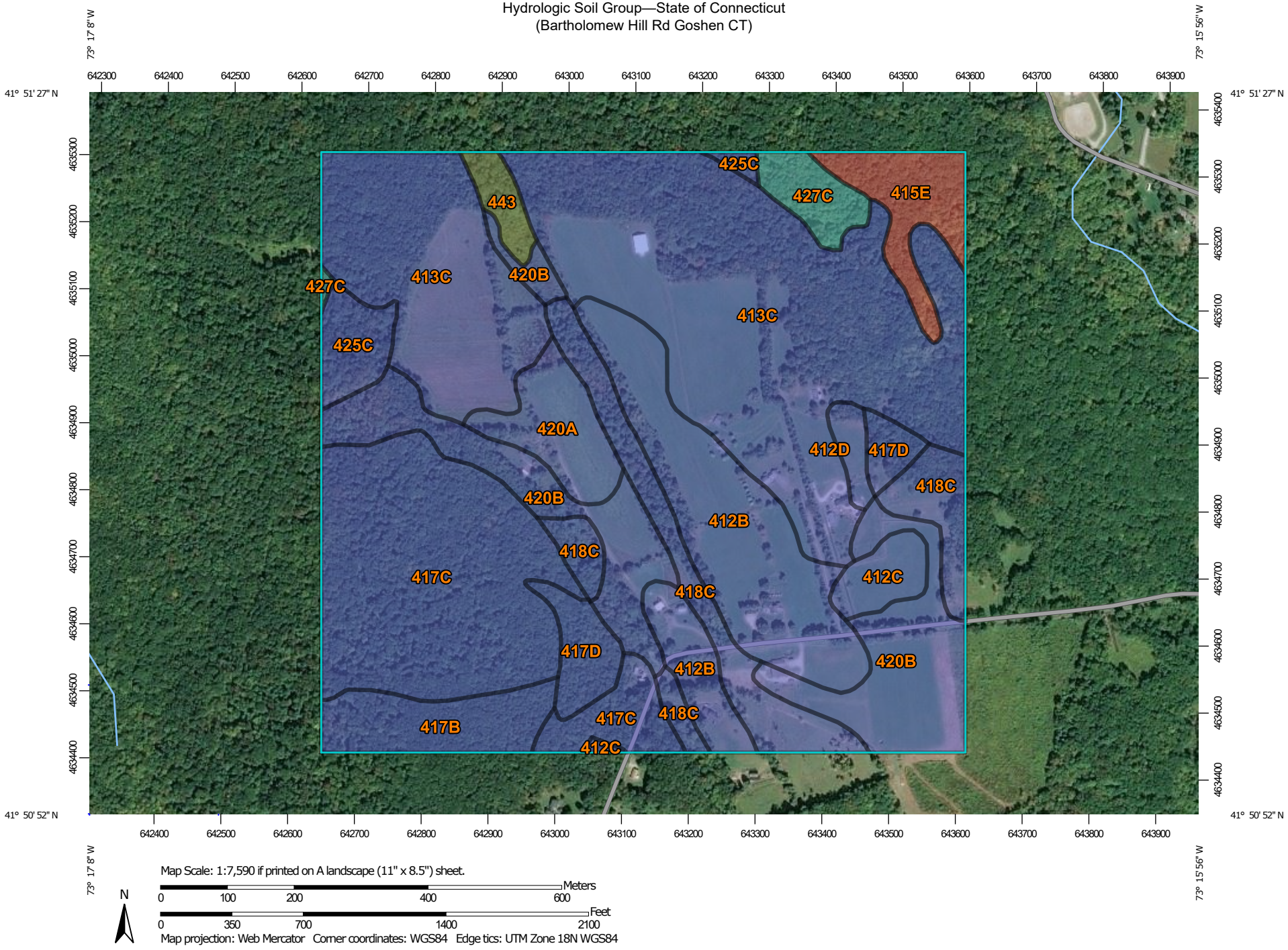
Hydrologic Soil Group—State of Connecticut
(Bartholomew Hill Rd Goshen CT)



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.

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
Survey Area Data: Version 20, Jun 9, 2020

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

Date(s) aerial images were photographed: Aug 23, 2018—Sep 17, 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.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
412B	Bice fine sandy loam, 3 to 8 percent slopes	B	24.4	11.4%
412C	Bice fine sandy loam, 8 to 15 percent slopes	B	3.3	1.5%
412D	Bice fine sandy loam, 15 to 25 percent slopes	B	1.6	0.7%
413C	Bice-Millsite complex, 3 to 15 percent slopes, very rocky	B	74.7	34.8%
415E	Westminster-Millsite-Rock outcrop complex, 15 to 45 percent slopes	D	6.4	3.0%
417B	Bice fine sandy loam, 3 to 8 percent slopes, very stony	B	7.3	3.4%
417C	Bice fine sandy loam, 8 to 15 percent slopes, very stony	B	34.4	16.0%
417D	Bice fine sandy loam, 15 to 25 percent slopes, very stony	B	5.3	2.5%
418C	Schroon fine sandy loam, 2 to 15 percent slopes, very stony	B	15.7	7.3%
420A	Schroon fine sandy loam, 0 to 3 percent slopes	B	6.5	3.0%
420B	Schroon fine sandy loam, 3 to 8 percent slopes	B	24.7	11.5%
425C	Shelburne fine sandy loam, 8 to 15 percent slopes, very stony	B	4.2	2.0%
427C	Ashfield fine sandy loam, 8 to 15 percent slopes, very stony	C	3.7	1.7%
443	Brayton-Loonmeadow complex, extremely stony	C/D	2.2	1.0%
Totals for Area of Interest			**214.5**	**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