

CONNECTICUT SOILS

BETHANY, CONNECTICUT

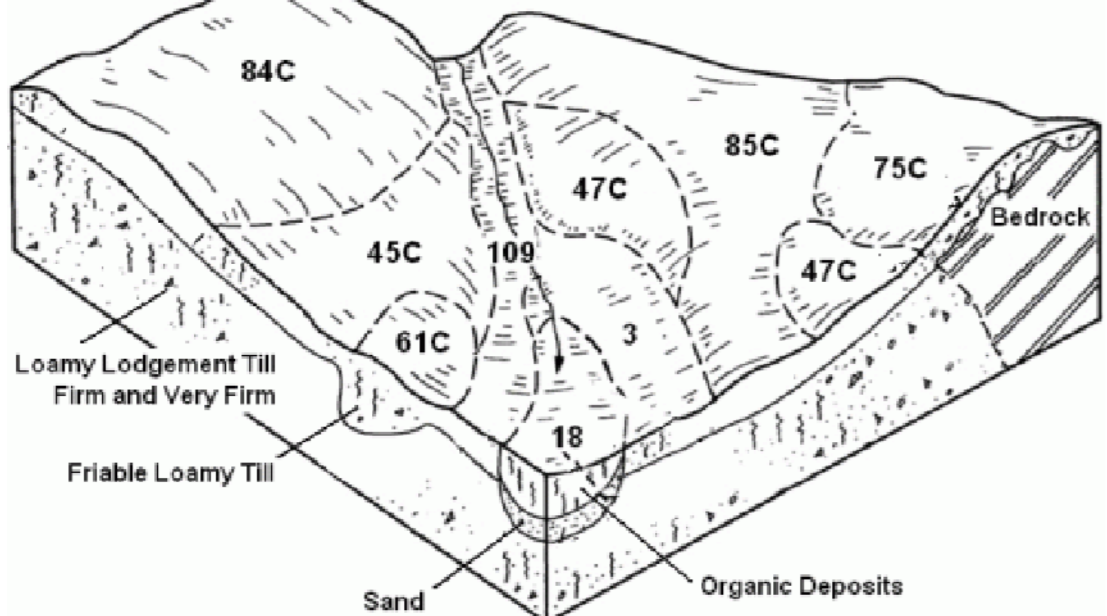
Map Symbol	Map Unit	Map Symbol	Map Unit
1	Railroad the sandy loam	900	Stockbridge loam, 3 to 5 percent slopes
2	Railroad the sandy loam, extremely stony	901	Stockbridge loam, 5 to 12 percent slopes
3	Location the sandy loam	902	Stockbridge loam, 15 to 25 percent slopes
4	Wetland all loam	903	Stockbridge loam, 3 to 5 percent slopes, very stony
5	Wetland the sandy loam, extremely stony	904	Stockbridge loam, 15 to 25 percent slopes, very stony
6	Madisonville all loam	905	Stockbridge loam, 3 to 5 percent slopes, very stony
7	Madisonville the sandy loam, extremely stony	906	Stockbridge loam, 15 to 25 percent slopes, very stony
8	Madisonville the sandy loam, extremely stony	907	Stockbridge loam, 3 to 5 percent slopes, very stony
9	Madisonville the sandy loam, extremely stony	908	Stockbridge loam, 15 to 25 percent slopes, very stony
10	Madisonville the sandy loam, extremely stony	909	Stockbridge loam, 3 to 5 percent slopes, very stony
11	Madisonville the sandy loam, extremely stony	910	Stockbridge loam, 15 to 25 percent slopes, very stony
12	Madisonville the sandy loam, extremely stony	911	Stockbridge loam, 3 to 5 percent slopes, very stony
13	Madisonville the sandy loam, extremely stony	912	Stockbridge loam, 15 to 25 percent slopes, very stony
14	Madisonville the sandy loam, extremely stony	913	Stockbridge loam, 3 to 5 percent slopes, very stony
15	Madisonville the sandy loam, extremely stony	914	Stockbridge loam, 15 to 25 percent slopes, very stony
16	Madisonville the sandy loam, extremely stony	915	Stockbridge loam, 3 to 5 percent slopes, very stony
17	Madisonville the sandy loam, extremely stony	916	Stockbridge loam, 15 to 25 percent slopes, very stony
18	Madisonville the sandy loam, extremely stony	917	Stockbridge loam, 3 to 5 percent slopes, very stony
19	Madisonville the sandy loam, extremely stony	918	Stockbridge loam, 15 to 25 percent slopes, very stony
20	Madisonville the sandy loam, extremely stony	919	Stockbridge loam, 3 to 5 percent slopes, very stony
21	Madisonville the sandy loam, extremely stony	920	Stockbridge loam, 15 to 25 percent slopes, very stony
22	Madisonville the sandy loam, extremely stony	921	Stockbridge loam, 3 to 5 percent slopes, very stony
23	Madisonville the sandy loam, extremely stony	922	Stockbridge loam, 15 to 25 percent slopes, very stony
24	Madisonville the sandy loam, extremely stony	923	Stockbridge loam, 3 to 5 percent slopes, very stony
25	Madisonville the sandy loam, extremely stony	924	Stockbridge loam, 15 to 25 percent slopes, very stony
26	Madisonville the sandy loam, extremely stony	925	Stockbridge loam, 3 to 5 percent slopes, very stony
27	Madisonville the sandy loam, extremely stony	926	Stockbridge loam, 15 to 25 percent slopes, very stony
28	Madisonville the sandy loam, extremely stony	927	Stockbridge loam, 3 to 5 percent slopes, very stony
29	Madisonville the sandy loam, extremely stony	928	Stockbridge loam, 15 to 25 percent slopes, very stony
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32	Madisonville the sandy loam, extremely stony	931	Stockbridge loam, 3 to 5 percent slopes, very stony
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99	Madisonville the sandy loam, extremely stony	998	Stockbridge loam, 15 to 25 percent slopes, very stony
100	Madisonville the sandy loam, extremely stony	999	Stockbridge loam, 3 to 5 percent slopes, very stony

EXPLANATION

Soils occur in a repeating and recognizable pattern on the landscape. Soil maps are made by separating the landscape into map units. Each soil map unit differs in some respect from all others in a survey area and is uniquely identified on a soil map. A soil map unit represents an area dominated by one to three major soil components. They are usually a named soil series (i.e. Paxton or Canton), but can also be a miscellaneous area (i.e. Rock Outcrop or Urban Land), and potentially many minor components both similar and dissimilar. For example, soil map unit 75C Hollis-Charfield-Rock outcrop complex, contains 35% Hollis, 30% Charfield, 15% Rock outcrop. The other 20% may include Charlton, Leicester, Sutton, Brimfield, an unnamed soil with sandy subsoil, and an unnamed soil with red parent material.

The soil survey contains interpretations or ratings of the soils for various land uses which are based on the soil properties that affect the intended use. Soil interpretations provide users of soil survey information with predictions of soil behavior to help in the development of reasonable and effective alternatives for the use and management of soil, water, air, plant, and animal resources. Interpretations are dynamic and periodically revised to reflect improved soils data, new technology, and the needs of the soil survey users. In Connecticut, there are approximately 70 soil properties and 90 interpretations that are contained within the soils database.

Example of soil map units



HOW TO USE THIS MAP

The soil map unit symbol is the key to identifying the multitude of descriptions, properties, interpretations, reports and ratings that are included in the soil survey. Some of the most requested interpretations are available from CT ECO, such as Farmland Soils, Connecticut Inland Wetland Soils, Soil Storm Water Management ratings, and others.

Additional information is available in the Soil Survey of the State of Connecticut <http://www.ct.nrcs.usda.gov/soils.html> and at the Soil Data Mart <http://soildatamart.nrcs.usda.gov>

Soil Map Unit

DATA SOURCES

SOIL DATA - Soil map units shown on this map are from the 2007 Soil Survey Geographic Database (SSURGO) database produced by the USDA Natural Resources Conservation Service (NRCS). The soils were mapped at a scale of 1:12,000 with a minimum size delineation of three acres. Enlargement of this map beyond the original source scale will not show additional detail and can cause misinterpretation of the detail of mapping. For the most recent soils data contact the NRCS.

BASE MAP DATA - Based on data originally from 1:24,000-scale USGS 7.5 minute topographic quadrangle maps published between 1969 and 1992. It includes political boundaries, railroads, airports, hydrographic, geographic names and geographic places. Streets and street names are from Tele Atlas copyrighted data. Base map information is neither current nor complete.

MAP LOCATION



State Plane Coordinate System of 1983, Zone 35B
Lambert Conformal Conic Projection
North American Datum of 1983



STATE OF CONNECTICUT
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
79 Elm Street
Hartford, CT 06106-5127

Map created by CT DEP
October 2009
Map is not colorfast
Protect from light and moisture

