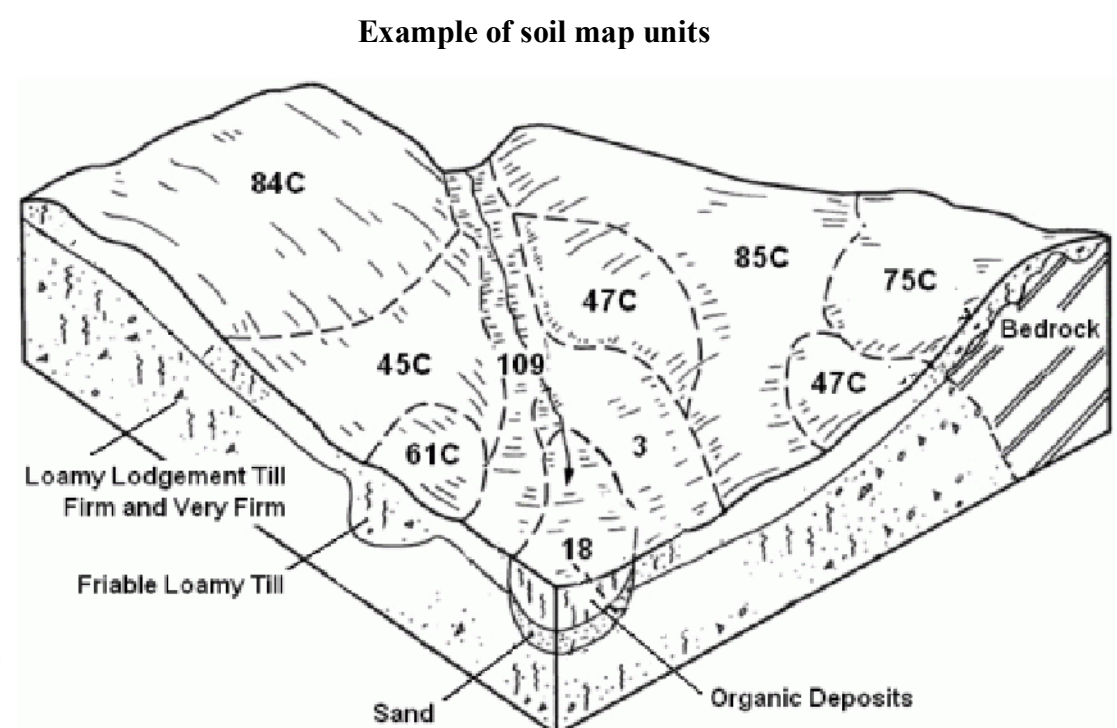


[illegible][illegible]

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 represents a collection of soils that are similar in some way. Some map units are 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 combination of one or more of the following: (1) soil texture (e.g., loam, clay, etc.), (2) soil color (e.g., brown, red, etc.), (3) soil structure (e.g., loose, compact, etc.), (4) soil depth (e.g., deep, shallow, etc.), (5) soil moisture (e.g., wet, dry, etc.), (6) soil pH (e.g., acidic, basic, etc.), (7) soil fertility (e.g., high, low, etc.), (8) soil erosion (e.g., eroded, non-eroded, etc.), (9) soil use (e.g., agricultural, residential, etc.), (10) soil parent material (e.g., sand, silt, etc.).

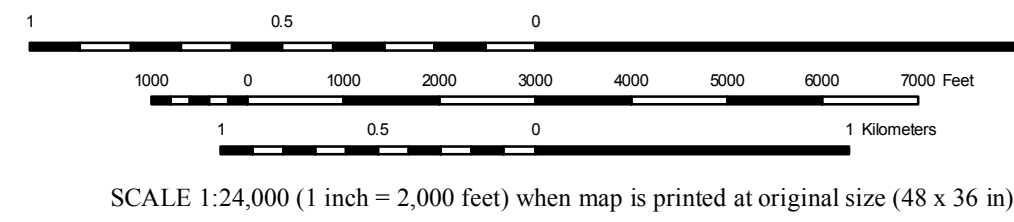
The soil survey contains interpretations or ratings of the soils for various land uses which are based on the soil properties that affect the intended use. The soil survey is a tool that can be used to make predictions of soil behavior to help in the development of reasonable and effective alternatives for the use and management of soil, water, air, and other resources. The soil survey is a tool that can be used to help revised to reflect improved soils data, new technology, and the needs of the soil survey users. In interpretation, there are approximately 70 soil use categories and 90 interpretations that are contained within the soil database.



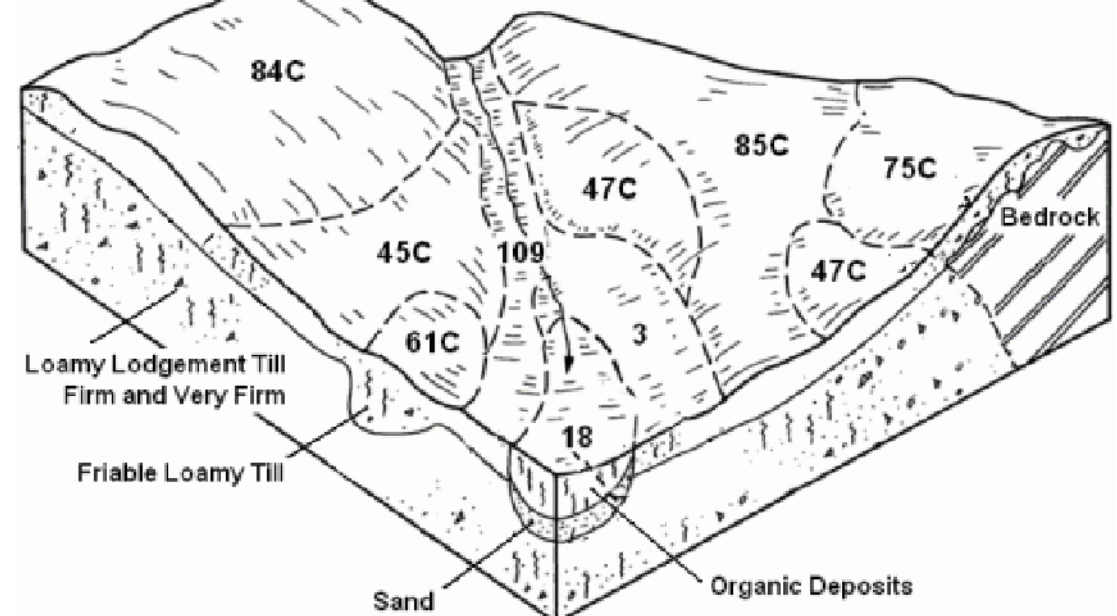
The soil map unit symbol is the key to identifying the multitude of descriptions, properties, interpretations, reports and ratings that are included in the soil survey. Some of the most requested interpretations are available from CT ECO, such as Farmland Soils, Connecticut Inland Wetland Soils, Soil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

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 misunderstanding 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, hydrography, geographic names and geographic places. Streets and street names are from Tele Atlas copyrighted data. Base map information is neither current nor complete.



Example of soil map units



Friable Loamy Till

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

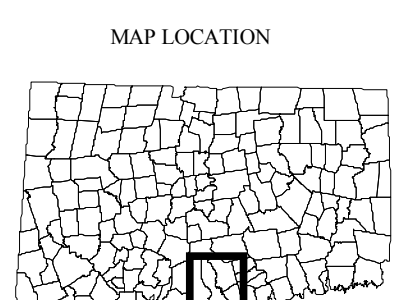
RELATED INFORMATION
This map is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

MAPS AND DIGITAL DATA - Visit the CT ECO website for this map and a variety of others. Visit the NRCS soils website for the soils data shown on this map. Visit the CT DEP website to download the base map data.

RELATED INFORMATION
This map is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

MAPS AND DIGITAL DATA - Visit the CT ECO website for this map and a variety of others. Visit the NRCS soils website for the soils data shown on this map. Visit the CT DEP website to download the base map data.

MAP LOCATION



State Plane Coordinate System of 1983, Zone 35



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

Map is not colorfast
Protect from light and moisture

U.S. Department of Agriculture

