CONNECTICUT SOILS
SOUTH WINDSOR, CONNECTICUT

Map Symbiol	Map Unit
2	Ridgebury fine sandy loam
3	Ridgebury, Leicester, and Whitman soils, extremely stony
4	Leicester fine sandy loam
5	Wilbraham silt loam
6	Wilbraham and Menlo soils, extremely stony
7	Mudgepond silt loam
8	Mudgepond and Alden soils, extremely stony
9	Scitico, Shaker, and Maybid soils
10	Raynham silt loam
12	Raypol silt loam
13	Walpole sandy loam
14	Fredon silt loam
15	Scarboro muck
16	Halsey silt loam
17	Timakwa and Natchaug soils
18	Catden and Freetown soils
20A	Ellington silt loam, 0 to 5 percent slopes
21A	Ninigret and Tisbury soils, 0 to 5 percent slopes
22A	Hero gravelly loam, 0 to 3 percent slopes
22B	Hero gravelly loam, 3 to 8 percent slopes
23A	Sudbury sandy loam, 0 to 5 percent slopes
24A	Deerfield loamy fine sand, 0 to 3 percent slopes
25A	Brancroft silt loam, 0 to 3 percent slopes
25B	Brancroft silt loam, 3 to 8 percent slopes
25C	Brancroft silt loam, 8 to 15 percent slopes
26A	Berlin silt loam, 0 to 3 percent slopes
26B	Berlin silt loam, 3 to 8 percent slopes
27A	Belgrade silt loam, 0 to 5 percent slopes
28A	Elmridge fine sandy loam, 0 to 3 percent slopes
28B	Elmridge fine sandy loam, 3 to 8 percent slopes
29A	Agawam fine sandy loam, 0 to 3 percent slopes
29B	Agawam fine sandy loam, 3 to 8 percent slopes
29C	Agawam fine sandy loam, 8 to 15 percent slopes
30A	Branford silt loam, 0 to 3 percent slopes
30B	Branford silt loam, 3 to 8 percent slopes
30C	Branford silt loam, 8 to 15 percent slopes
31A	Copake fine sandy loam, 0 to 3 percent slopes
31B	Copake fine sandy loam, 3 to 8 percent slopes
31C	Copake gravelly loam, 8 to 15 percent slopes
32A	Haven and Enfield soils, 0 to 3 percent slopes
32B	Haven and Enfield soils, 3 to 8 percent slopes
32C	Haven and Enfield soils, 8 to 15 percent slopes
33A	Hartford sandy loam, 0 to 3 percent slopes
33B	Hartford sandy loam, 3 to 8 percent slopes
34A	Merrimac sandy loam, 0 to 3 percent slopes
34B	Merrimac sandy loam, 3 to 8 percent slopes
34C	Merrimac sandy loam, 8 to 15 percent slopes
35A	Penwood loamy sand, 0 to 3 percent slopes
35B	Penwood loamy sand, 3 to 8 percent slopes
36A	Windsor loamy sand, 0 to 3 percent slopes
36B	Windsor loamy sand, 3 to 8 percent slopes
36C	Windsor loamy sand, 8 to 15 percent slopes
37A	Manchester gravelly sandy loam, 0 to 3 percent slopes
37C	Manchester gravelly sandy loam, 3 to 15 percent slopes
37E	Manchester gravelly sandy loam, 15 to 45 percent slopes
38A	Hinckley gravelly sandy loam, 0 to 3 percent slopes
38C	Hinckley gravelly sandy loam, 3 to 15 percent slopes
38E	Hinckley gravelly sandy loam, 15 to 45 percent slopes
39A	Groton gravelly sandy loam, 0 to 3 percent slopes
39C	Groton gravelly sandy loam, 3 to 15 percent slopes
39E	Groton gravelly sandy loam, 15 to 45 percent slopes
40A	Ludlow silt loam, 0 to 3 percent slopes
40B	Ludlow silt loam, 3 to 8 percent slopes
41B	Ludlow silt loam, 2 to 8 percent slopes, very stony
42C	Ludlow silt loam, 2 to 15 percent slopes, extremely stony
43A	Rainbow silt loam, 0 to 3 percent slopes
43B	Rainbow silt loam, 3 to 8 percent slopes
44B	Rainbow silt loam, 2 to 8 percent slopes, very stony
45A	Woodbridge fine sandy loam, 0 to 3 percent slopes
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes
45C	Woodbridge fine sandy loam, 8 to 15 percent slopes
46B	Woodbridge fine sandy loam, 2 to 8 percent slopes, very stony
46C	Woodbridge fine sandy loam, 8 to 15 percent slopes, very stony
47C	Woodbridge fine sandy loam, 2 to 15 percent slopes, extremely stony
48B	Georgia and Amenia silt loams, 2 to 8 percent slopes
48C	Georgia and Amenia silt loams, 8 to 15 percent slopes
49B	Georgia and Amenia silt loams, 3 to 8 percent slopes, very stony
49C	Georgia and Amenia silt loams, 8 to 15 percent slopes, very stony
50A	Sutton fine sandy loam, 0 to 3 percent slopes
50B	Sutton fine sandy loam, 3 to 8 percent slopes
51B	Sutton fine sandy loam, 2 to 8 percent slopes, very stony
52C	Sutton fine sandy loam, 2 to 15 percent slopes, extremely stony
53A	Wapping very fine sandy loam, 0 to 3 percent slopes
53B	Wapping very fine sandy loam, 3 to 8 percent slopes
54B	Wapping very fine sandy loam, 2 to 8 percent slopes, very stony
55A	Watchaug fine sandy loam, 0 to 3 percent slopes
55B	Watchaug fine sandy loam, 3 to 8 percent slopes
56B	Watchaug fine sandy loam, 2 to 8 percent slopes, very stony
57B	Gloucester gravelly sandy loam, 3 to 8 percent slopes
57C	Gloucester gravelly sandy loam, 8 to 15 percent slopes
57D	Gloucester gravelly sandy loam, 15 to 25 percent slopes
58B	Gloucester gravelly sandy loam, 3 to 8 percent slopes, very stony
58C	Gloucester gravelly sandy loam, 8 to 15 percent slopes, very stony
59C	Gloucester gravelly sandy loam, 3 to 15 percent slopes, extremely stony
59D	Gloucester gravelly sandy loam, 15 to 35 percent slopes, extremely stony
60B	Canton and Charlton soils, 3 to 8 percent slopes
60C	Canton and Charlton soils, 8 to 15 percent slopes
60D	Canton and Charlton soils, 15 to 25 percent slopes
61B	Canton and Charlton soils, 3 to 8 percent slopes, very stony
61C	Canton and Charlton soils, 8 to 15 percent slopes, very stony
62C	Canton and Charlton soils, 3 to 15 percent slopes, extremely stony
62D	Canton and Charlton soils, 15 to 35 percent slopes, extremely stony
63B	Cheshire fine sandy loam, 3 to 8 percent slopes
63C	Cheshire fine sandy loam, 8 to 15 percent slopes
63D	Cheshire fine sandy loam, 15 to 25 percent slopes
64B	Cheshire fine sandy loam, 3 to 8 percent slopes, very stony
64C	Cheshire fine sandy loam, 8 to 15 percent slopes, very stony
65C	Cheshire fine sandy loam, 3 to 15 percent slopes, extremely stony
65D	Cheshire fine sandy loam, 15 to 35 percent slopes, extremely stony
66B	Narragansett silt loam, 2 to 8 percent slopes
66C	Narragansett silt loam, 8 to 15 percent slopes
67B	Narragansett silt loam, 3 to 8 percent slopes, very stony
67C	Narragansett silt loam, 8 to 15 percent slopes, very stony
68C	Narragansett silt loam, 3 to 15 percent slopes, extremely stony
68D	Narragansett silt loam, 15 to 25 percent slopes, extremely stony
69B	Yalesville fine sandy loam, 3 to 8 percent slopes
69C	Yalesville fine sandy loam, 8 to 15 percent slopes
70C	Branford-Holyoke complex, 3 to 15 percent slopes, very rocky
71C	Brookfield-Brimfield-Rock outcrop complex, 3 to 15 percent slopes
71E	Brookfield-Brimfield-Rock outcrop complex, 15 to 45 percent slopes
73C	Charlton-Chatfield complex, 3 to 15 percent slopes, very rocky
73E	Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky
74C	Narragansett-Hollis complex, 3 to 15 percent slopes, very rocky
75C	Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes
75E	Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes
76E	Rock outcrop-Hollis complex, 3 to 45 percent slopes
76F	Rock outcrop-Hollis complex, 45 to 60 percent slopes
77C	Cheshire-Holyoke complex, 3 to 15 percent slopes, very rocky
77D	Cheshire-Holyoke complex, 15 to 35 percent slopes, very rocky
78C	Holyoke-Rock outcrop complex, 3 to 15 percent slopes
78E	Holyoke-Rock outcrop complex, 15 to 45 percent slopes
79E	Rock outcrop-Holyoke complex, 3 to 45 percent slopes
80B	Bernardston silt loam, 3 to 8 percent slopes
80C	Bernardston silt loam, 8 to 15 percent slopes
81C	Bernardston silt loam, 3 to 15 percent slopes, extremely stony
81D	Bernardston silt loam, 15 to 25 percent slopes, extremely stony
82B	Broadbrook silt loam, 3 to 8 percent slopes
82C	Broadbrook silt loam, 8 to 15 percent slopes
82D	Broadbrook silt loam, 15 to 25 percent slopes
83B	Broadbrook silt loam, 3 to 8 percent slopes, very stony
83C	Broadbrook silt loam, 8 to 15 percent slopes, very stony
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes
84C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes
84D	Paxton and Montauk fine sandy loams, 15 to 25 percent slopes
85B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes, very stony
85C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony
86C	Paxton and Montauk fine sandy loams, 3 to 15 percent slopes, extremely stony
86D	Paxton and Montauk fine sandy loams, 15 to 35 percent slopes, extremely stony
87B	Wethersfield loam, 3 to 8 percent slopes
87C	Wethersfield loam, 8 to 15 percent slopes
87D	Wethersfield loam, 15 to 25 percent slopes
88B	Wethersfield loam, 3 to 8 percent slopes, very stony
88C	Wethersfield loam, 8 to 15 percent slopes, very stony
89C	Wethersfield loam, 3 to 15 percent slopes, extremely stony
89D	Wethersfield loam, 15 to 35 percent slopes, extremely stony

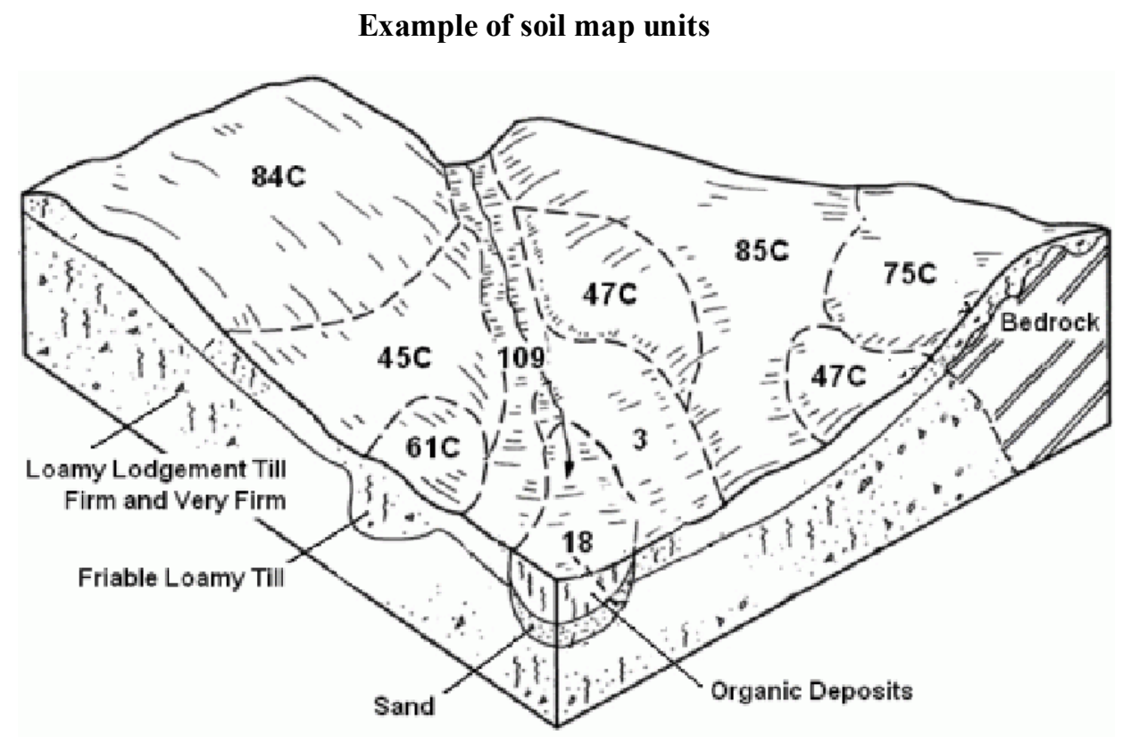
Map Symbiol	Map Unit
90B	Stockbridge loam, 3 to 8 percent slopes
90C	Stockbridge loam, 8 to 15 percent slopes
90D	Stockbridge loam, 15 to 25 percent slopes
91B	Stockbridge loam, 3 to 8 percent slopes, very stony
91C	Stockbridge loam, 8 to 15 percent slopes, very stony
91D	Stockbridge loam, 15 to 35 percent slopes, very stony
92B	Nellis fine sandy loam, 3 to 8 percent slopes
92C	Nellis fine sandy loam, 8 to 15 percent slopes
92D	Nellis fine sandy loam, 15 to 25 percent slopes
93C	Nellis fine sandy loam, 3 to 15 percent slopes, very stony
94C	Farmington-Nellis complex, 3 to 15 percent slopes, very rocky
94E	Farmington-Nellis complex, 15 to 35 percent slopes, very rocky
95C	Farmington-Rock outcrop complex, 3 to 15 percent slopes
95E	Farmington-Rock outcrop complex, 15 to 45 percent slopes
96	Ipswich mucky peat
97	Pawcatuck mucky peat
98	Westbrook mucky peat
99	Westbrook mucky peat, low salt
100	Suncook loamy fine sand
101	Occum fine sandy loam
102	Pootatuck fine sandy loam
103	Rippowam fine sandy loam
104	Bash silt loam
105	Hadley silt loam
106	Winooski silt loam
107	Limerick and Lim soils
108	Saco silt loam
109	Fluvaquents-Udifluvents complex, frequently flooded
221A	Ninigret-Urban land complex, 0 to 5 percent slopes
224A	Deerfield-Urban land complex, 0 to 3 percent slopes
225B	Brancroft-Urban land complex, 0 to 8 percent slopes
226B	Berlin-Urban land complex, 0 to 8 percent slopes
228B	Elmridge-Urban land complex, 0 to 8 percent slopes
229B	Agawam-Urban land complex, 0 to 8 percent slopes
229C	Agawam-Urban land complex, 8 to 15 percent slopes
230B	Branford-Urban land complex, 0 to 8 percent slopes
230C	Branford-Urban land complex, 8 to 15 percent slopes
232B	Haven-Urban land complex, 0 to 8 percent slopes
234B	Merrimac-Urban land complex, 0 to 8 percent slopes
235B	Penwood-Urban land complex, 0 to 8 percent slopes
236B	Windsor-Urban land complex, 0 to 8 percent slopes
237A	Manchester-Urban land complex, 0 to 3 percent slopes
237C	Manchester-Urban land complex, 3 to 15 percent slopes
238A	Hinckley-Urban land complex, 0 to 3 percent slopes
238C	Hinckley-Urban land complex, 3 to 15 percent slopes
240B	Ludlow-Urban land complex, 0 to 8 percent slopes
243B	Rainbow-Urban land complex, 0 to 8 percent slopes
245B	Woodbridge-Urban land complex, 0 to 8 percent slopes
245C	Woodbridge-Urban land complex, 8 to 15 percent slopes
248B	Georgia-Urban land complex, 2 to 8 percent slopes
250B	Sutton-Urban land complex, 0 to 8 percent slopes
253B	Wapping-Urban land complex, 0 to 8 percent slopes
255B	Watchaug-Urban land complex, 0 to 8 percent slopes
260B	Charlton-Urban land complex, 3 to 8 percent slopes
260C	Charlton-Urban land complex, 8 to 15 percent slopes
260D	Charlton-Urban land complex, 15 to 25 percent slopes
263B	Cheshire-Urban land complex, 3 to 8 percent slopes
263C	Cheshire-Urban land complex, 8 to 15 percent slopes
266B	Narragansett-Urban land complex, 3 to 8 percent slopes
269B	Yalesville-Urban land complex, 3 to 8 percent slopes
269C	Yalesville-Urban land complex, 8 to 15 percent slopes
273C	Urban land-Charlton-Chatfield complex, rocky, 3 to 15 percent slopes
273E	Urban land-Charlton-Chatfield complex, rocky, 15 to 45 percent slopes
275C	Urban land-Chatfield complex, rocky, 3 to 15 percent slopes
275E	Urban land-Chatfield-Rock outcrop complex, 15 to 45 percent slopes
282B	Broadbrook-Urban land complex, 3 to 8 percent slopes
284B	Paxton-Urban land complex, 3 to 8 percent slopes
284C	Paxton-Urban land complex, 8 to 15 percent slopes
284D	Paxton-Urban land complex, 15 to 25 percent slopes
287B	Wethersfield-Urban land complex, 3 to 8 percent slopes
287C	Wethersfield-Urban land complex, 8 to 15 percent slopes
287D	Wethersfield-Urban land complex, 15 to 25 percent slopes
290B	Stockbridge-Urban land complex, 3 to 8 percent slopes
290C	Stockbridge-Urban land complex, 8 to 15 percent slopes
290D	Stockbridge-Urban land complex, 15 to 25 percent slopes
301	Beaches-Udipsamments complex, coastal
302	Dumps
303	Pits, quarries
304	Udorthents, loamy, very steep
305	Udorthents-Pits complex, gravelly
306	Udorthents-Urban land complex
307	Urban land
308	Udorthents, smoothed
309	Udorthents, flood control
310	Udorthents, periodically flooded
401C	Macomber-Taconic complex, 3 to 15 percent slopes, very rocky
402D	Taconic-Macomber-Rock outcrop complex, 15 to 25 percent slopes
403C	Taconic-Rock outcrop complex, 3 to 15 percent slopes
403E	Taconic-Rock outcrop complex, 15 to 45 percent slopes
403F	Taconic-Rock outcrop complex, 45 to 70 percent slopes
405C	Dummerston gravelly loam, 3 to 15 percent slopes, very stony
405E	Dummerston gravelly loam, 15 to 45 percent slopes, very stony
407C	Lanesboro loam, 3 to 15 percent slopes, very stony
407E	Lanesboro loam, 15 to 45 percent slopes, very stony
408C	Fullam silt loam, 3 to 15 percent slopes, very stony
409B	Brayton mucky silt loam, 0 to 8 percent slopes, very stony
412B	Bice fine sandy loam, 3 to 8 percent slopes
412C	Bice fine sandy loam, 8 to 15 percent slopes
412D	Bice fine sandy loam, 15 to 25 percent slopes
413C	Bice-Millsite complex, 3 to 15 percent slopes, very rocky
413E	Bice-Millsite complex, 15 to 45 percent slopes, very rocky
414	Fredon silt loam, cold
415C	Westminster-Millsite-Rock outcrop complex, 3 to 15 percent slopes
415E	Westminster-Millsite-Rock outcrop complex, 15 to 45 percent slopes
416E	Rock outcrop-Westminster complex, 8 to 45 percent slopes
416F	Rock outcrop-Westminster complex, 45 to 70 percent slopes
417B	Bice fine sandy loam, 3 to 8 percent slopes, very stony
417C	Bice fine sandy loam, 8 to 15 percent slopes, very stony
417D	Bice fine sandy loam, 15 to 25 percent slopes, very stony
418C	Schroon fine sandy loam, 2 to 15 percent slopes, very stony
420A	Schroon fine sandy loam, 0 to 3 percent slopes
420B	Schroon fine sandy loam, 3 to 8 percent slopes
421A	Ninigret fine sandy loam, cold, 0 to 3 percent slopes
423A	Sudbury sandy loam, cold, 0 to 3 percent slopes
424B	Shelburne fine sandy loam, 3 to 8 percent slopes
424C	Shelburne fine sandy loam, 8 to 15 percent slopes
424D	Shelburne fine sandy loam, 15 to 25 percent slopes
425B	Shelburne fine sandy loam, 3 to 8 percent slopes, very stony
425C	Shelburne fine sandy loam, 8 to 15 percent slopes, very stony
426D	Shelburne fine sandy loam, 15 to 35 percent slopes, extremely stony
427B	Ashfield fine sandy loam, 2 to 8 percent slopes, very stony
427C	Ashfield fine sandy loam, 8 to 15 percent slopes, very stony
428A	Ashfield fine sandy loam, 0 to 3 percent slopes
428B	Ashfield fine sandy loam, 3 to 8 percent slopes
428C	Ashfield fine sandy loam, 8 to 15 percent slopes
429A	Agawam fine sandy loam, cold, 0 to 3 percent slopes
429B	Agawam fine sandy loam, cold, 3 to 8 percent slopes
429C	Agawam fine sandy loam, cold, 8 to 15 percent slopes
433	Moosilauke sandy loam
434A	Merrimac sandy loam, cold, 0 to 3 percent slopes
434B	Merrimac sandy loam, cold, 3 to 8 percent slopes
434C	Merrimac sandy loam, cold, 8 to 15 percent slopes
435	Scarboro muck, cold
436	Halsey silt loam, cold
437	Wonsqueak mucky peat
438	Bucksport muck
440A	Boscawen gravelly sandy loam, 0 to 3 percent slopes
440C	Boscawen gravelly sandy loam, 3 to 15 percent slopes
440E	Boscawen gravelly sandy loam, 15 to 45 percent slopes
442	Brayton loam
443	Brayton-Loonmeadow complex, extremely stony
448B	Hogansburg loam, 3 to 8 percent slopes
449B	Hogansburg loam, 3 to 8 percent slopes, very stony
449C	Hogansburg loam, 8 to 15 percent slopes, very stony
450B	Pyrities loam, 3 to 8 percent slopes
450C	Pyrities loam, 8 to 15 percent slopes
450D	Pyrities loam, 15 to 25 percent slopes
451B	Pyrities loam, 3 to 8 percent slopes, very stony
451C	Pyrities loam, 8 to 15 percent slopes, very stony
451D	Pyrities loam, 15 to 25 percent slopes, very stony
457	Mudgepond silt loam, cold
458	Mudgepond and Alden soils, extremely stony, cold
501	Ondawa fine sandy loam
503	Rumney fine sandy loam
508	Medomak silt loam

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-Chatfield-Rock outcrop complex, contains 35% Hollis, 30% Chatfield, 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 indentifying 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

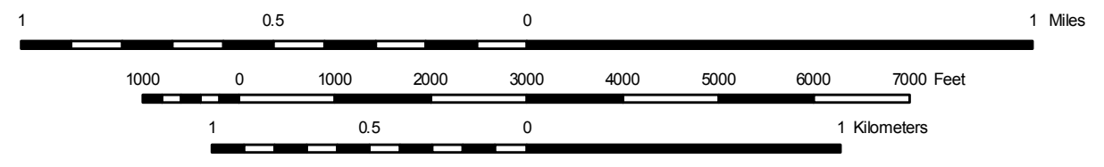
DATA SOURCES

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 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.

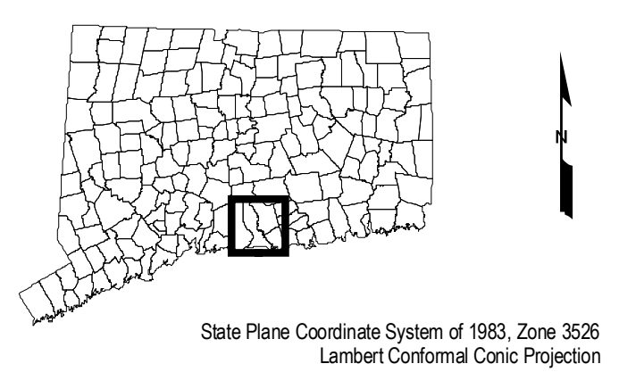
RELATED INFORMATION
This map is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

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 digital spatial data shown on this map.



SCALE 1:24,000 (1 inch = 2,000 feet) when map is printed at original size (48 x 36 in)

MAP LOCATION



State Plane Coordinate System of 1983, Zone 3526
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

U.S. Department of Agriculture
NRCS Natural Resources Conservation Service