QUATERNARY GEOLOGY

LIST OF MAP UNITS

PHOSPHATE DEPOSITS - late Holocene, late Wisconsin

- Coastal Beach and Dunes Deposits
- Gold Muck Deposits
- Thrombolite Beds
- Talus

EASTERN PHOSPHATE DEPOSITS - early Holocene, late Wisconsin

- Seawater Sediment Deposits
- Mixed Dune Deposits

Explanation of Map Symbols

Area of lakeshore sediment:

- Drowned Divide — Boundary between marine geologic basins.
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EXPLANATION

Quaternary Geology is 1:24,000 scale data that defines the primary, historical, and current periods in Connecticut's Quaternary geologic history. It is a summary of the exploration and research made by the U.S. Geological Survey, by the Connecticut Geological Survey, and by other institutions and individuals since the 1890s. This map and accompanying materials show the different glacial and nonglacial deposits identified and mapped in the state. The map presents the geologic history and distribution of depositional sequences in Connecticut. The Connecticut Quaternary Geology information was initially compiled at 1:24,000 scale (1 inch = 2,000 feet) then recompiled for a statewide 1:125,000-scale map, Quaternary Geology Map of Connecticut and Long Island Sound. The former map is intended to be used with other bedrock, surficial, and Quaternary (glacial) geology quadrangle maps and various state and local organization's thematic maps. The latter map is intended to be used with other state and local organization's thematic maps and educational materials.

Related Information

- GEOLOGIC MAPS - This map is also available for individual towns of Connecticut. This map is intended to be used with other bedrock, surficial, and Quaternary (glacial) geology quadrangle maps and various state and local organization's thematic maps. The latter map is intended to be used with other state and local organization's thematic maps and educational materials.

DATA SOURCES

(QUATERNARY GEOLOGY AND SURFACE MATERIALS DATA - 1:24,000 scale data used in this map is Connecticut Department of Environmental Protection, Connecticut Geological Survey, and the Connecticut Department of Transportation. The Connecticut Department of Environmental Protection, Connecticut Geological Survey, and the Connecticut Department of Transportation have reviewed the Connecticut Geologic and Land Survey's materials data, 1:24,000 scale data used in this map. This data set is intended to be used with other bedrock, surficial, and Quaternary (glacial) geology quadrangle maps and various state and local organization’s thematic maps. The latter map is intended to be used with other state and local organization’s thematic maps and educational materials.

- AIRPHOTO DATA - Digital orthophoto quadrangle data used in this map was obtained from the Connecticut Department of Environmental Protection, Connecticut Geological Survey, and the Connecticut Department of Transportation. The Connecticut Department of Environmental Protection, Connecticut Geological Survey, and the Connecticut Department of Transportation have reviewed the Connecticut Geologic and Land Survey’s materials data, 1:24,000 scale data used in this map. This data set is intended to be used with other bedrock, surficial, and Quaternary (glacial) geology quadrangle maps and various state and local organization’s thematic maps. The latter map is intended to be used with other state and local organization’s thematic maps and educational materials.

MAP LOCATION

FITCHVILLE, CONNECTICUT

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hartford, CT 06110

Map created by CT DEP
December 2010

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