SURFICIAL MATERIALS

GLACIAL AND POSTGLACIAL DEPOSITS

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EXPLANATION

Unconsolidated glacial and postglacial deposits, due to their fine to silt size to gravel fraction, are the bedrock of the Connecticut surficial materials. This map portrays the areal extent and subsurface geocoded (digital) distribution of fine and coarse surficial materials.

GLACIAL ICE-LAID DEPOSITS

- Fine Deposits: 
  - Sands and gravels
  - Silts
  - Clays

COARSE DEPOSITS

- Coarse Deposits: 
  - Sands
  - Gravels

STACKED COURSE DEPOSITS

- Stacked Course Deposits: 
  - Sand overlying gravel
  - Gravel overlying sand

FINE DEPOSITS OVERTYING FINE DEPOSITS

- Fine Deposits Overtlying Fine Deposits: 
  - Fines overlying sand
  - Sand overlying fines

FINE DEPOSITS OVERTYING COARSE DEPOSITS

- Fine Deposits Overtlying Coarse Deposits: 
  - Fines overlying gravel
  - Gravel overlying fines

DATA SOURCES

SURFICIAL MATERIALS DATA - Surficial Materials data shown on this map are from the Surficial Materials Map which contains a combination of surficial materials data collected from various map scale data sources. These data were collected from the Connecticut Geological Survey and the U.S. Geological Survey and published as Surficial Materials Map of Connecticut (1:24,000). The Surficial Materials Map is based on the Connecticut Department of Environmental Protection’s Quaternary Geology and Surficial Material database.

QUATERNARY GEOLOGY AND SURFICIAL MATERIALS DATA - The Surficial Materials Map is based on the Quaternary Geology and Surficial Materials database, published by the Connecticut Department of Environmental Protection, in cooperation with the U.S. Geological Survey. These data were digitalized from the 1:24,000-scale compilation sheets prepared for both the Surficial Materials Map of Connecticut and the Connecticut Geologic and Natural History Survey.

OTHER GEOLOGIC MAPS - This map is also available for the CT DEP Quadrangle 27.

MAPS AND DIGITAL DATA - Go to the CT DEP website for this map and a variety of others. Go to the CT GIS website for the digital spatial data product for this map.

EASTFORD, CONNECTICUT

CT DEP Quadrangle 27