SURFICIAL MATERIALS

GLACIAL AND POSTGLACIAL DEPOSITS

GLACIAL ICE-LAND DEPOSITS
- Till (sand-size and gravel-size)
- Loess
- Drumlin and Outwash
- Deltaic deposits

GLACIAL AND POSTGLACIAL DEPOSITS
Fine Deposits
- Loamy sand
- Sand
- Silt
- Clay

Coarse Deposits
- Sand
- Gravel
- Clastic deposits
- Drumlin
- Stacked Coarse Deposits

Fines Deposits
- Sandy loam
- Loam
- Silt
- Clay

Stacked Clay Deposits
- End moraine deposits
- Postglacial deposits

Stacked Coarse Deposits
- Sandy till
- Loamy till
- Mud

Stacked fines Deposits
- Sandy till
- Loamy till
- Mud

FLAT PROFILE OF THE COURSE DEPOSITS
- Coarse
- Loamy sand
- Sand
- Silt
- Clay

Stacked Fines Deposits
- Sandy till
- Loamy till
- Mud

EXPLANATION

Unconsolidated, glacial and postglacial deposits, when exposed to the elements over a long period of time, tend to form surficial deposits. These deposits are often composed of layers of sorted sand, gravel, and clay and are characterized by the presence of glacial till, drift, and avalanche deposits. The surficial deposits are generally exposed on the uplands, while the glacial deposits are commonly found in the lowlands. The surficial deposits are important for their potential for development. Because they are a better engineering layer than glacial deposits, they are often used for roadbeds, house foundations, and other structures.

DATA SOURCES

- Connecticut Department of Environmental Protection (CT DEP)
- United States Geological Survey (USGS)
- Other state and federal agencies

BASE MAP DATA - Based on data originally from the 1:24,000-scale USGS 'Connecticut Coastal Geologic Basemap' published between 1977 and 1983. It includes political boundaries, names, airports, hydrography, geographic names and geographic places. Features and their names are from the USGS "GDB Basemap", copyrighted data. Base map information is not public domain.

RELATED INFORMATION

- Updated by the Connecticut Department of Environmental Protection, 2006
- Map created by CTDPI

OTHER GEOLOGIC MAPS - Available on the Connecticut Department of Environmental Protection's website (ctdep.state.ct.us) under the "GEOLOGY" menu item.

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