### SURFICIAL MATERIALS

**GLACIAL AND POSTGLACIAL DEPOSITS**

**Fines Deposits**
- Gray (low or moderate clay, silt, and silt-clay mixtures)
- Yellow

**Coarse Deposits**
- Gray (sand and gravel)
- Yellow
- Gray (sand and gravel)
- Yellow

**Stacked Course Deposits**
- Gray (sand and gravel)
- Yellow
- Gray (sand and gravel)
- Yellow

**Stacked Fines Deposits Overlying Fine Deposits**
- Gray (sand and gravel)
- Yellow
- Gray (sand and gravel)
- Yellow

**Stacked Fine Deposits Overlying Coarse Deposits**
- Gray (sand and gravel)
- Yellow
- Gray (sand and gravel)
- Yellow

---

**EXPLANATION**

Unconsolidated glacial and postglacial deposits are mapped as fine to several hundred feet in thickness. rocks, but do not include alluvial fans, talus, or thin unconsolidated deposits. The map legend is designed to highlight the distribution and character of the surficial deposits. Most of Connecticut’s surficial material is glacially derived, and can be divided into two broad depositional categories: Glacial Icelaid deposits and Glacial-Michirian deposits. These deposits are generally exposed in the map legend, and are used to highlight the distribution and character of the surficial deposits.

For a complete description of surficial materials map units, and further information concerning their thicknesses and areal extent, please refer to the Surficial Materials Map of Connecticut and the companion (Quaternary Geologic Map of Connecticut and Long Island Sound). The surficial materials map units are divided into two broad categories - Glacial Icelaid deposits and Glacial-Michirian deposits.

**Glacial Icelaid deposits**:
- Gray (low or moderate clay, silt, and silt-clay mixtures)
- Yellow

**Glacial-Michirian deposits**:
- Gray (sand and gravel)
- Yellow

---

**DATA SOURCES**

- **SURFICIAL MATERIALS DATA** - Surficial Materials Data published by the Connecticut Department of Environmental Protection in cooperation with the U.S. Geological Survey. These data were digitized from the 1:24,000-scale 1995 Quadrangle Maps series.
- **QUATERNARY GEOLOGY AND SURFICIAL MATERIALS DATA** - 1:24,000-scale digital spatial data of Connecticut’s Quaternary Geologic Map of Connecticut and Long Island Sound (Hammack, 1995). The surficial materials map units are divided into two broad categories - Glacial Icelaid deposits and Glacial-Michirian deposits.

---

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