SURFICIAL MATERIALS

GLACIAL AND POSTGLACIAL DEPOSITS

**EXPLANATION**

Unconsolidated glacial and postglacial deposits, the largest deposit type in Connecticut, are characterized by the area extents and subsurface geometry (topographic) distribution of surficial materials. The map legend is designed to highlight the areal extent and subsurface grain-size (textural) distributions and characteristics of the materials present. Most of Connecticut’s surficial material is glacially derived, and can be divided into two broad depositional categories: Glacial Ice-Laid deposits (g, sg, s) and materials which are generally exposed on the surface, and are the most widespread surficial deposit in Connecticut, and Glacial Meltwater deposits (f, sg, s) that are derived from glacial meltwaters. Surficial Material Poly dataset which contains digitized from the 1:24,000-scale compilation sheets prepared for both the Surficial Materials Map of Connecticut, Stone et al., 1992, and the Surficial Material Poly dataset which contains data were digitized from the 1:24,000-scale compilation sheets prepared for both the Surficial Materials Map of Connecticut, Stone et al., 1992, and the Quaternary Geologic Map of Connecticut and Long Island Sound (these are the data sources).

**DATA SOURCES**

**GLACIAL AND POSTGLACIAL DEPOSITS**

- Surficial Materials Data - Surficial Materials data are derived from the Surficial Material Poly dataset which contains information about surficial materials in Connecticut. The Surficial Materials Poly dataset which contains surficial materials data were compiled and digitized from the 1:24,000-scale compilation sheets prepared for both the Surficial Materials Map of Connecticut, Stone et al., 1992, and the Quaternary Geologic Map of Connecticut and Long Island Sound (these are the data sources).

**QUATERNARY GEOL OGY AND SURFICIAL MATERIALS DATA (USGS):**

- Connecticut Department of Environmental Protection, in cooperation with the U.S. Geological Survey. These data were digitized from the 1:24,000-scale compilation sheets prepared for both the Surficial Materials Map of Connecticut, Stone et al., 1992, and the Quaternary Geologic Map of Connecticut and Long Island Sound (these are the data sources).

**OTHER GEOLOGIC MAPS**

- This map is also available for Connecticut Department of Environmental Protection, in cooperation with the U.S. Geological Survey. These data were digitized from the 1:24,000-scale compilation sheets prepared for both the Surficial Materials Map of Connecticut, Stone et al., 1992, and the Quaternary Geologic Map of Connecticut and Long Island Sound (these are the data sources).

**MAPS AND DIGITAL DATA**

Go to the CT DEP website for this map and a variety of data. Go to the CT DEP website for the digital spatial data for this map.