**GLACIAL ICE-LAND DEPOSITS**

1. **Coarse Deposits**
   - Sands and Gravels
   - Sands
   - Sands and Gravels
   - Gravels
   - Gravels and Sands
   - Sands and Gravels
   - Sands

2. **Stacked Course Deposits**
   - Sands and Gravels overlying Sand
   - Gravels and Sands overlying Gravels
   - Sands and Gravels overlying Sands

3. **Stacked Fine Deposits**
   - Sands overlying Sands and Gravels
   - Gravels and Sands overlying Gravels
   - Sands overlying Sands

**POSTGLACIAL DEPOSITS**

1. **Sands and Gravels overlying Fines**
2. **Sand and Gravel**
3. **Fines overlying Sand**
4. **Coarse deposits**

**DATA SOURCES**

- SURFICIAL MATERIALS DATA - Surficial Materials shown on this map are from the Surficial Materials Map (http://deq.state.ct.us/surf/data.cfm) published by the Connecticut Geological and Natural History Survey, 2003.
- GLACIAL AND POSTGLACIAL DEPOSITS - Data for these deposits are from the Surficial Materials Map (http://deq.state.ct.us/surf/data.cfm) published by the Connecticut Geological and Natural History Survey, 2003.
- GLACIAL AND POSTGLACIAL DEPOSITS - Data for these deposits are from the Quaternary Geologic Map of Connecticut (http://deq.state.ct.us/maps/data.cfm) published by the Connecticut Geological and Natural History Survey, 2005.
- SURFICIAL MATERIALS DATA - Published by the Connecticut Geological & Natural History Survey; and Surficial Materials Map (http://deq.state.ct.us/surf/data.cfm) published by the Connecticut Geologic and Natural History Survey, 2003.
- BASE MAP DATA - Based on data originally from 1:24,000-scale U.S. Geological Survey topographic quadrangle maps (1953-2006). The following maps were used: Deep River, Chatham, 1953; Deep River, 1960; Deep River, 1969; Deep River, 1976; Deep River, 1992; Deep River, 1999; Deep River, 2006; Deep River, 2008; Deep River, 2010; Deep River, 2012; Deep River, 2014; Deep River, 2016; Deep River, 2018; Deep River, 2020; Deep River, 2022; Deep River, 2024; Deep River, 2026; Deep River, 2028; Deep River, 2030; Deep River, 2032; Deep River, 2034; Deep River, 2036; Deep River, 2038; Deep River, 2040; Deep River, 2042; Deep River, 2044; Deep River, 2046; Deep River, 2048; Deep River, 2050; Deep River, 2052; Deep River, 2054; Deep River, 2056; Deep River, 2058; Deep River, 2060; Deep River, 2062; Deep River, 2064; Deep River, 2066; Deep River, 2068; Deep River, 2070; Deep River, 2072; Deep River, 2074; Deep River, 2076; Deep River, 2078; Deep River, 2080; Deep River, 2082; Deep River, 2084; Deep River, 2086; Deep River, 2088; Deep River, 2090; Deep River, 2092; Deep River, 2094; Deep River, 2096; Deep River, 2098; Deep River, 2000. All data were developed with the Lambert Conformal Conic Projection.

**EXPLANATION**

Unconsolidated glacial and postglacial deposits, also known as a fill, are sediments, to several hundreds of feet in thickness, overlie the bedrock and are distributed at the scale of the surficial materials. The map legend is designed to highlight the areal extent and subsurface geometric distribution of these materials and the surficial materials. The map legend is designed to highlight the areal extent and subsurface geometric distribution of these materials and the surficial materials.

Coarse deposits consist of sands, gravels, silts, and clays with few to no boulders, and owing to the high-energy conditions typical of these deposits, they are good natural foundations for construction and buildings. Coarse deposits are commonly referred to as gravel and sand, and they are widely distributed in the state, with the highest concentrations in the coastal areas.

Stacked Course Deposits are deposits that have been reworked from glacial deposits and mixed with organic matter. These deposits are locally important as a source of agricultural land and are typically found in the coastal areas.

**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 downloads.

**HAMBURG, CONNECTICUT**

CT DEP Quadrangle 85

Map created by CT DEP
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