**QUATERNARY GEOLOGY**

**LIST OF MAP UNITS**

<table>
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<th>PHASE/AGE DEPOSITS</th>
<th>Ice Margins Features</th>
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<tr>
<td>Coastal Bluff and Dune Deposits</td>
<td>delta lobes</td>
<td>delta lobes</td>
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<tr>
<td>Glacial Deposits</td>
<td>lodges</td>
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<tr>
<td>Holocene Alluvium</td>
<td>moraines</td>
<td>moraines</td>
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<tr>
<td>Till</td>
<td>moraines</td>
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</tbody>
</table>

**EXPLANATION**

**Quaternary Geology** is 2.588 ± 0.005 million years ago to the present and includes postglacial deposits that accumulated after the last Pleistocene, continental ice sheets swept across Connecticut from the north. Their effects are of interest because these deposits range from a few feet to several hundred feet thick, contain different types of materials, and were derived from the ice and the landscape it modified.

Most of Connecticut’s surficial material is glacially derived, and can be divided into two broad types: till and meltwater deposits. These deposits were derived directly from the ice and consist of nonsorted, generally nonstratified mixtures of grain sizes. These deposits commonly better sorted, more permeable, and better aquifers than ice-laid deposits. They can be good substrates for agriculture and urbanization.

**Map Symbols**

- Ice Margins Features
- Delta Lobes
- Lodges
- Moraines

**Data Sources**

- Connecticut Geological Survey (CGS) Quaternary and Surficial Materials, 2000, digital spatial data, CT DEP
- USGS TOPO Map 1:24,000, digital spatial data, CT DEP
- Connecticut Digital Map Library (CDML), 2008, digital spatial data, 1:24,000 scale
- Connecticut Geological Survey (CGS), 2000, digital spatial data, 1:24,000 scale
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**Map Location**

Map created by CT DEP
December 2010
Map used: 1:24,000

*Note: This map is not colorfast*