**QUATERNARY GEOLOGY**

**EXPLANATION**

Quaternary Geology is the study of the geological history between the period of the most recent ice age and the present. This period is defined by the occurrence of multiple glacial cycles, with periods of glaciation and interglacial (interglacials) alternating. The Quaternary period is divided into the Pleistocene and Holocene epochs, which respectively precede and follow the last (or most recent) ice age. The study of Quaternary geology is crucial for understanding past climate changes, environmental conditions, and the impact of these changes on the evolution of life on Earth.

The Glacial Ice-Laid Deposits category includes deposits laid down by glacial streams, lakes, and ponds. These deposits are characterized by their non-stratified, thin till and thick till nature, as well as the presence of end moraines. These deposits are generally exposed in uplands and are the most widespread surficial deposits in the area.

**DATA SOURCES**

The data used in this map are based on various sources, including the Connecticut Geological and Natural History Survey, the USGS, and other research institutions. The map is intended to be used at a scale of 1:24,000 and is considered a Beta product. Further information can be found in the pamphlet that accompanies the Quaternary Geology Map of Connecticut and Long Island Sound Basin.