EXPLANATION

**Units**

- Foot, mile, inch, and yard; drug deposits of postglacial age are shown in miles; inaccessible for well construction.

- Clay, sandy loam, loam, and silt loam deposits at base of glaciers; partly sorted; compact and impermeable. Poor potential for well yields.

- Silt loam mixture of clay, silt, sand, and basaltic deposits from drift laid down after ice melted beneath it, unconsolidated, compact and generally has a coarser texture than loam deposits; variable permeability. Poor to moderate potential for well yields.

- Lake silt and clay; offshore deposits in preglacial or postglacial lakes; thin bedded to massive; low permeability. Poor potential for well yields.

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- Loam; wind-deposited sand forming ridges or beaches; fine to medium sand; oxidized and moderately permeable. Usually no potential for well yield because this deposit generally occurs above the water table.

- Wave delta sand and gravel; sand to cobble gravel deposited by waves rushing over the crest of dunes and depositing stratified sand and gravel on the side of the beach. Moderately permeable or highly permeable. Good potential for well yields, although some deposits may not extend below the water table.

- Beach sand and gravel; coarse sand and gravel deposited near shore or at shorelines of preglacial or postglacial lakes; well sorted; unconsolidated and highly permeable. Moderate potential for well yields.

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**Note:** Designation of poor, moderate, or good potential for well yield is based on the yields expected in an underground deposit as described by well information. The table below shows the classification of well yield in the following:

- Poor - Less than 1 gallon per minute
- Moderate - 1 to 10 gallons per minute
- Good - More than 10 gallons per minute

- Contact - Drilled where indicated.

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**Scale:** 1:20,000

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**SURFICIAL GEOLOGY OF PART OF ELLISBURG QUADRANGLE, OSWEGO COUNTY, NEW YORK**

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