**Description of Map Units**

- **A** Artificial fill. Materials brought to an area for large construction projects, e.g., dams, highways. Small deposits of fill were not mapped.
- **Qa** Swamp/Wetlands. Areas at or below the water table most of the year. Deposits consist largely of organics and silt.
- **Qs** Alluvium. Modern stream sediments ranging from boulder gravel to silt. Organics are common. Abandoned channels and scoured bars are frequently visible.
- **Qdf** Alluvial fan. Fan-shaped deposits ranging from boulder to fine sand. Sediment usually fine from the apex to the toe of a fan.
- **Qv** Fluvial Terrace Deposits. Stream terraces deposits well above the modern floodplain. “Qv” alluvium on these terraces is generally >2 m thick and has frequently been eroded revealing the underlying sediment.
- **Qs** Delta Low Stage. Sand and gravel deposited in topset and foreset beds of a delta built into Glacial Lake Hitchcock.
- **Qfi** Delta High Stage. Sand and gravel deposited in topset and foreset beds of a delta built into Glacial Lake Hitchcock.
- **Qm** Lacustrine sand/very fine sand/silt. Interlayered fine sand, very fine sand, and silt deposited in Glacial Lake Hitchcock.
- **Qcl** Lacustrine silt/clay. Very fine sediments deposited in the deeper, quieter parts of Glacial Lake Hitchcock. Unit consists of interlayered silt and clay and has only been observed in the Weathersfield Bowl area.
- **Qe** Eolian. Ridge of poorly-sorted stream sediments ranging from coarse sand to boulders deposited in the subglacial tunnel. Bottom of eolian usually lies on bedrock.
- **Qg** Glacial Till. Variable thicknesses of dense, unsorted, unlayered mixtures of sediment ranging from boulders to clay. Till usually lies directly above bedrock. Large boulders, many erratic, are common.
- **Qo** Bedrock Outcrops. Most areas include many, closely-spaced outcrops.

**Surficial Geologic Map of Weathersfield, Vermont**


By

Stephen F. Wright

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**Perkinsville Surficial Geologic Cross-Section**

**Tenney Surficial Geologic Cross-Section**