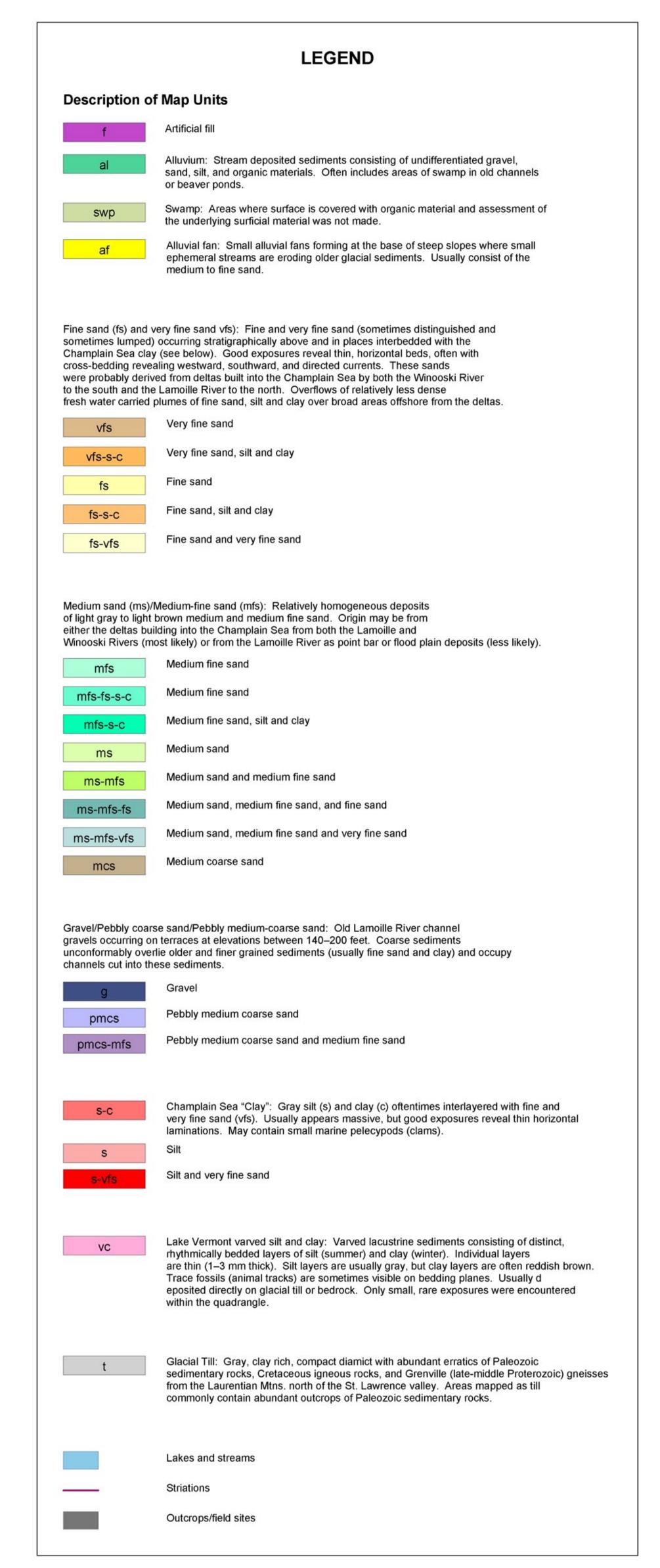


## SURFICIAL GEOLOGIC MAP OF THE COLCHESTER, VERMONT 7.5 MINUTE QUADRANGLE by Stephen Wright



Glacial erratics eroded from till along the shore of Lake Champlain near "Camp Norfleet" in the Colchester Quadrangle. High-grade Grenville-age gneisses, originating from the Laurentian Mountains north of Montréal, Québec, occur with the more common local lower Paleozoic sandstones and carbonates. The most common erratics are small pieces of the Iberville shale, but these don't survive long in the beach zone.





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Vermont Geological Survey
Laurence Becker, State Geologist
Department of Environmental Conservation
Agency of Natural Resources
103 South Main St., Logue Cottage
Waterbury, VT 05671-2420
http://www.anr.state.vt.us/dec/geo/vgs.htm

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Deformed lacustrine sediments overridden by a readvance of the Laurentide Ice Sheet. Dikes of fine sand (light brown) were injected into deformed silt-rich sediments (grey). Exposure from 1 m deep pit excavated adjacent to Mallets Creek within 20 m of bedrock and till outcrops (UTM coordinates: 647120, 4936560).

