

EXPLANATION

GLACIAL

TILL
 Till mantling the bedrock and reflecting the topography of the underlying bedrock surface. Thicker in the valleys and thinner on the uplands. On many exposed uplands postglacial erosion has left only rubble and scattered boulders on the bedrock.

MORaine
 Ice marginal till accumulations with morainic topography. m—frontal moraine assumed to be recessional. tm—terminal moraine.

GLACIOFLUVIAL

KAME GRAVEL
 Ice contact outwash gravel. k—isolated kame. km—kame terraces. km—kame moraine, kame complex with morainic topography.

OUTWASH
 Horizontally bedded glaciofluvial gravel. Spillway or valley train gravel in stream valleys. May or may not have a thin veneer of postglacial alluvium.

ESKER

EOLIAN
 EOLIAN SAND AND DUNES

GLACIOLACUSTRINE

LITTORAL SEDIMENT PREDOMINANTLY GRAVEL
 lg—horizontally bedded gravel deposited in a shoaling lake or upper beds of deltaic gravel where no forest bedding is exposed. lbg—beach gravel. dg—delta gravel showing forest bedding. d—small deltas composed of sand and gravel.

LITTORAL SEDIMENT PREDOMINANTLY SAND
 ls—well sorted sand, no pebbles or boulders. ps—pebbly sand. ls—sand containing ice rafted boulders. ds—delta sand.

LAKE BOTTOM SEDIMENTS
 stc—silt, silty clay, and clay. sc—sorted clay. bc—silt, silty clay, and/or clay containing ice rafted boulders.

WAVE-WASHED TILL
 Till from the top of which the finer materials have been removed by wave action leaving boulder concentrations on the surface.

BEACH RIDGE

SHORELINE

POSTGLACIAL FLUVIAL

FLUVIAL GRAVEL

FLUVIAL SAND

RECENT ALLUVIUM
 Fluvial sands and gravels were differentiated in areas where the deposits might have economic significance.

CHAMPLAIN SEA

MARINE BEACH GRAVEL

MARINE SAND
 ms—marine sand without pebbles or boulders. pm—possibly marine sand.

MARINE CLAY

GRAVEL BAR

SEA CLIFF OR WAVE CUT TERRACE

PLUVIAL

SWAMP, PEAT and/or MUCK

BEDROCK

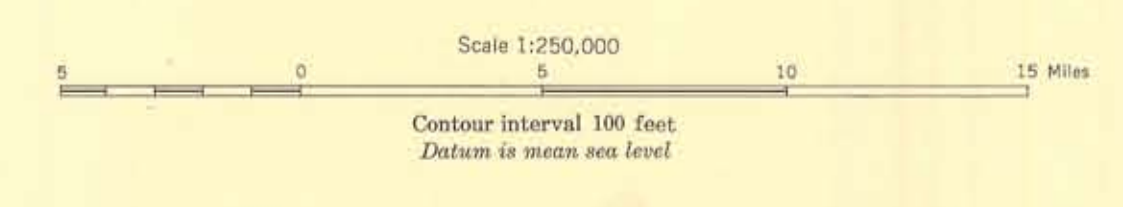
BEDROCK EXPOSURES
 Significant exposures of bedrock with little or no cover that show the thickness of the drift, or where the drift has been removed by erosion. No effort was made to differentiate all outcrops in till areas of the uplands.

SAND OR GRAVEL PIT

SURFICIAL GEOLOGIC MAP OF VERMONT

Compiled and Edited under the Direction of
 Charles G. Doll, State Geologist

Geology by
 David P. Stewart, Miami University and Paul MacClintock, Princeton University



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