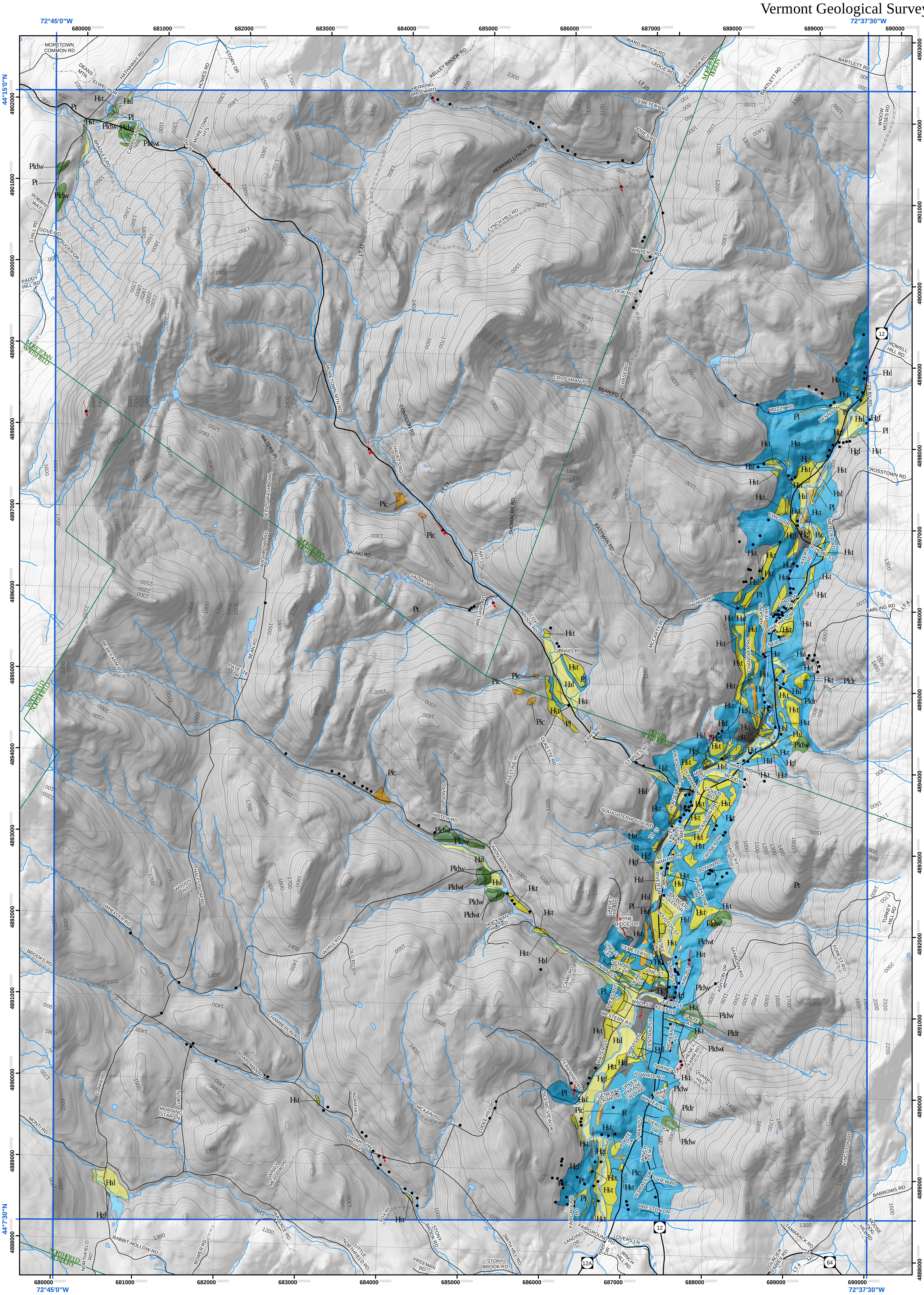


DESCRIPTION OF MAP UNITS

Recent

gf Artificial Fill.
Areas graded or filled for construction.

Holocene

Hal Alluvial Deposits.
Silt, sand, pebble gravel, cobble gravel, and boulder gravel deposited by modern streams. Deposits include stream channel and sand bar deposits and finer-grained floodplain deposits.

Haf Alluvial Fan Deposits.
Boulder, pebble, and cobble gravel and pebbly sand deposited at the mouths of tributaries.

Hst Stream Terrace Deposits.
Silt, sand, pebble gravel, cobble gravel, and boulder gravel deposited on terraces above the modern floodplains of streams.

Pleistocene

Pl Lacustrine Deposits.
Clay, silt, and very fine to fine sand deposited in proglacial lakes.

Pic Ice-contact Deposits.
Unsorted to poorly-sorted sand, gravel, and silt deposited in contact with glacial ice. Includes possible kame terrace and esker deposits.

Pldw Lake Winooski Delta Deposits.
Silt, sand, pebbly sand, and pebble gravel deposits formed by streams flowing into Glacial Lake Winooski.

Pldwt Lake Winooski Delta-Topset Deposits.
Silt, sand, pebbly sand, and pebble topset gravel deposits formed by streams flowing into Glacial Lake Winooski.

Pldr Lake Roxbury Delta Deposits.
Silt, sand, pebbly sand, and pebble gravel deposits formed by streams flowing into Glacial Lake Roxbury.

Pt Quaternary Till, undifferentiated.
Extremely poorly sorted silt-matrix diamict with abundant angular to subangular clasts. When unweathered the till is gray to dark gray in color and dense. Till surfaces are commonly boulder strewn, commonly with angular boulders several feet in diameter.

Pre-Pleistocene

R Bedrock Outcrops and Areas of Shallow Bedrock.

DESCRIPTION OF MAP SYMBOLS

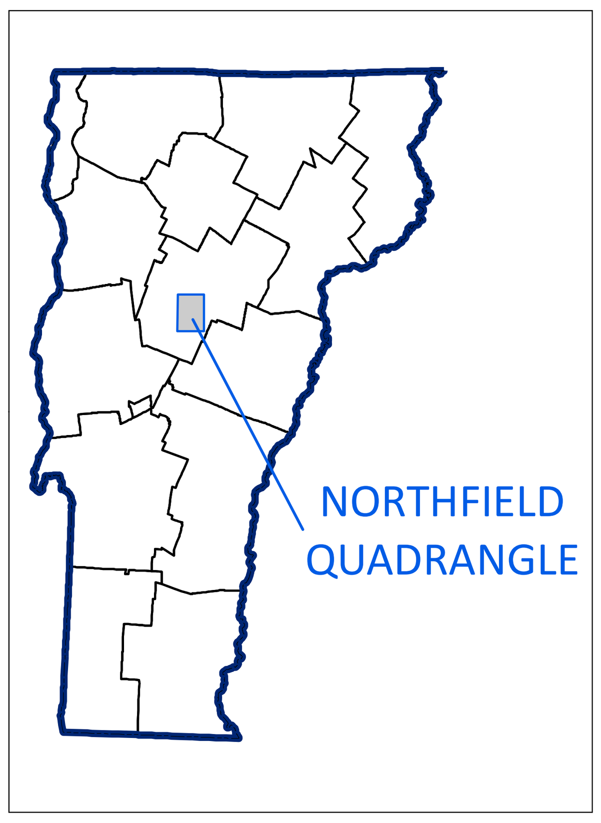
Ice-Flow Indicators

Bedrock Outcrops

Town Boundary

Lakes

Rivers



Surficial Geologic Map of the Northfield 7.5 Minute Quadrangle, Vermont

Vermont Geological Survey Open File ReportVG2017-8

1:24,000

0 0.25 0.5 1 Miles

0 0.5 1 2 Kilometers

By
Frederick D. Larsen (1984)

Digitized by George Springston, Colin Dowey, 2017

VERMONT
AGENCY OF NATURAL RESOURCES
Vermont Geological Survey

14.5°
Magnetic North
True North

Coordinate System: Vermont State Plane, FIPS 4400, NAD83 (Meters)
Grid Overlay: UTM Zone 18N, NAD 1983
Geographic Coordinates: NAD 1983
Contour Intervals 20ft and 100ft.
Basemap and Contours derived from USGS 10 meter National Elevation Dataset.

Research supported by the Vermont Geological Survey, Dept. of Environmental Conservation, VT ANR. This geologic map was funded in part by the USGS National Cooperative Mapping Program. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. Government.

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