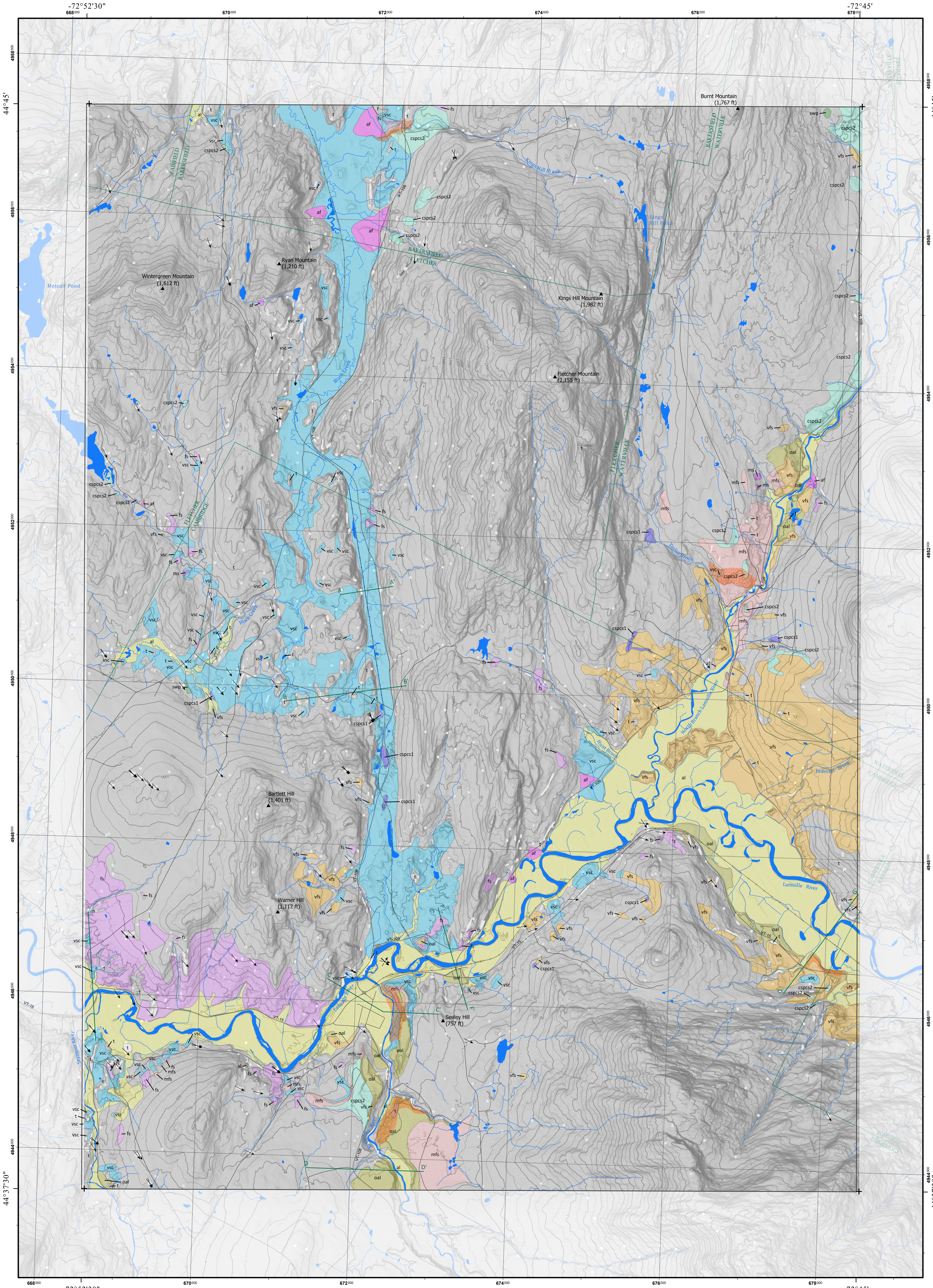

Map Units

Holocene Deposits

- swp — Swamp
- al — Alluvium
- af — Alluvial Fan
- oal — Old Alluvium

Pleistocene Deposits

- cspcs2 — Glacio-lacustrine Delta Coarse Sand/Pebble/Cobble Gravel/Gravel
- vsc — Varved Silt and Clay
- vfs — Very Fine Sand
- fs — Fine Sand
- mfs — Medium Fine Sand
- ms — Medium Sand
- cspcs1 — Ice Contact Coarse Sand/Pebble/Cobble Gravel/Gravel
- t — Till
- Bedrock Outcrop (Polygon/Point)

See report for complete descriptions

Map Symbols

- Summit (Elevation)
- River/Waterbody
- Striation
- Stream/Brook
- Possible Geologic Hazards
- NAD27 Quadrangle Corner Tick
- Cross-Section Line
- NAD83 Quadrangle Boundary
- Railroad
- Town Boundary
- Road

Contour Interval: 50 feet
Coordinate System: NAD83 Vermont State Plane FIPS 4400
Grid Overlay: NAD83 UTM 18N Meters
Original mapping (Open-File Report VG01-2) performed on USGS NAD27 Quadrangle base. This map supersedes Open-File Report VG01-2. Contacts edited to reflect newly available LiDAR data where appropriate.

Data Sources:

VCGI, 2010, VT Lidar Hydro-flattened DEM (1.6 meter) East Franklin/West Orleans. Accessed via Vermont Open Geodata Portal.

VCGI, 2016, VT Data - Lidar Hydro-flattened DEM (0.7m), Essex, Caledonia, Orange, and Windsor Counties. Accessed via Vermont Open Geodata Portal.

Vermont Drinking Water and Groundwater Protection Division, 2018, Well Completion Report Database. (https://anrweb.vt.gov/DEC/WellDrillerReports/Default.aspx)

Vermont Geological Survey, 2017, Bedrock Outcrops Compilation Dataset. Accessed via Vermont Open Geodata Portal.

United States Geological Survey, 2007-2014, National Hydrography Dataset. (https://nhd.usgs.gov)

The United States Geological Survey National Cooperative Mapping Program Award #00HQAG0146 supported this research. The views and conclusions contained in this document should not be interpreted as necessarily representing the official policies, either expressed or implied, of the United States Government.

Surficial Geologic Map of the Jeffersonville Quadrangle, Vermont

Vermont Geological Survey Open-File Report VG2018-5: Plate 1

Stephen F. Wright

Scale 1:24,000

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1 Miles

Magnetic Declination 14.3° W

VERMONT
AGENCY OF NATURAL RESOURCES
Vermont Geological Survey

Published by:
Vermont Geological Survey
Dept. of Environmental Conservation
Agency of Natural Resources
1 National Life Drive, Main 2
Montpelier, VT 05620-3902
Marjorie H. Gale, State Geologist
Digital Cartography by Colin Dowey

Publication available online at: dec.vermont.gov/geological-survey