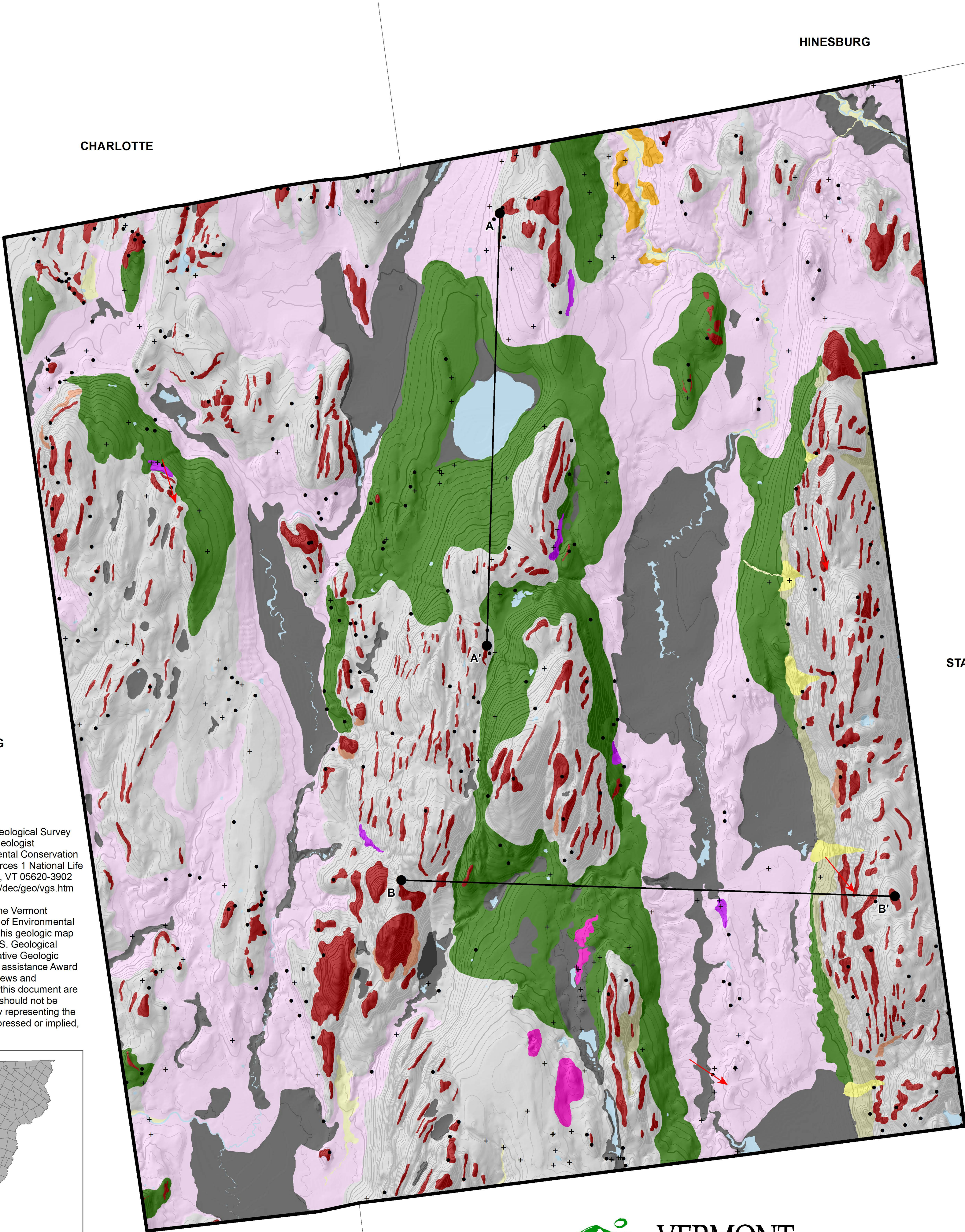
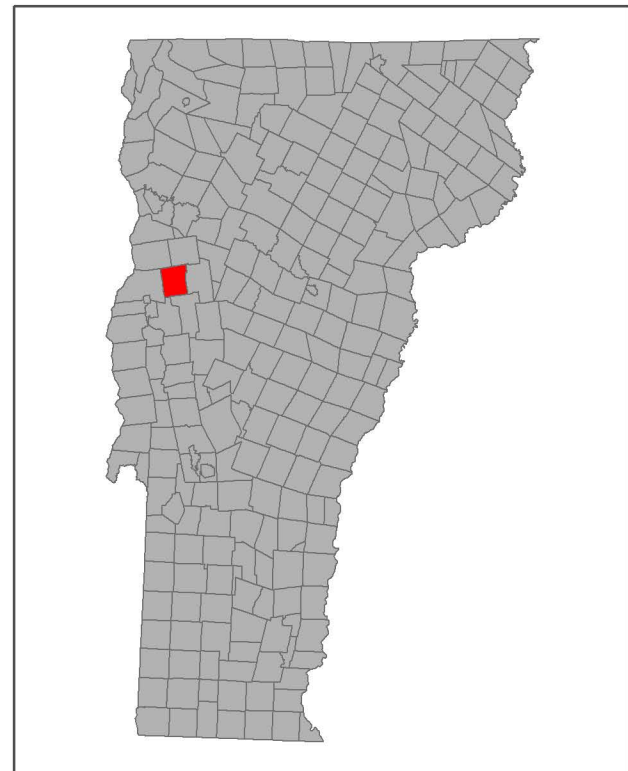


Surficial Geologic Map - Monkton, Vermont

Vermont Geological Survey Open File Report VG2016-2

Published by: Vermont Geological Survey
Marjorie H. Gale, State Geologist
Department of Environmental Conservation
Agency of Natural Resources 1 National Life
Drive, Davis 2 Montpelier, VT 05620-3902
<http://www.anr.state.vt.us/dec/geo/vgs.htm>

Research supported by the Vermont
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Conservation, VT ANR. This geologic map
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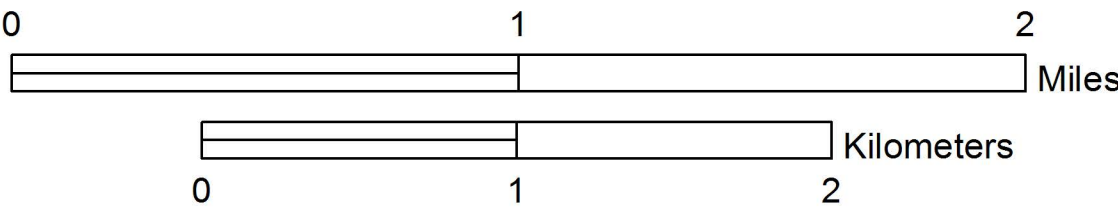


- Water
- Bedrock
- Alluvium
- Aluvial Fan
- Peat/Muck
- Stream Terraces
- Talus
- Ice Contact Deposits
- Shoreline Deposits
- Glacial Till
- Thin Glacial Till
- Till, Colluvium, Talus
- Lake Deposits, Undifferentiated

Contours

- 20'
- 100'

- Field Sites
- Bedrock Outcrops
- Glacial Striations
- Cross Sections



1:24,000

Author: John G. Van Hoesen



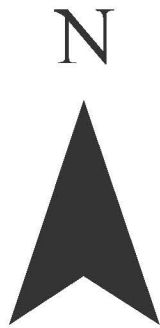
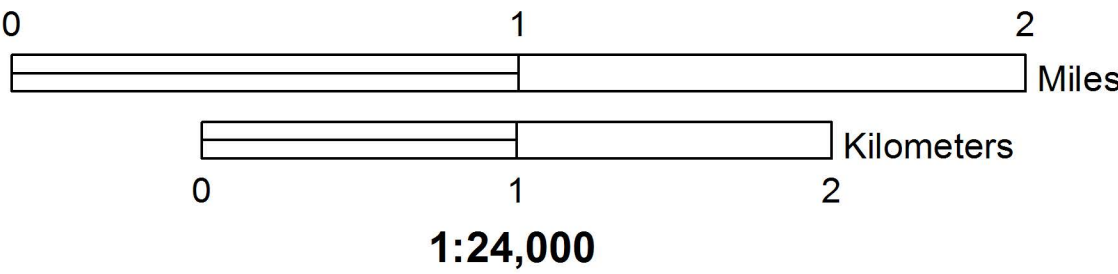
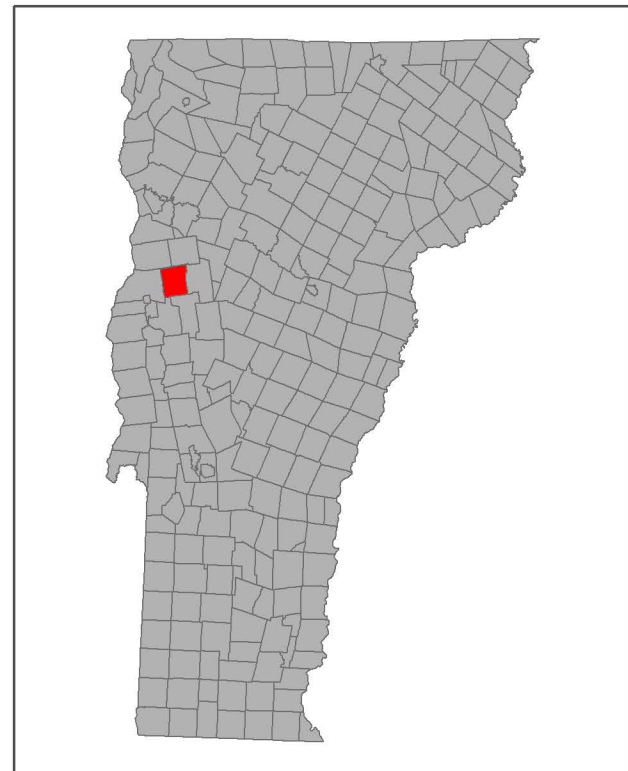
Isopach Contours - Monkton, Vermont

Vermont Geological Survey
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Contour Interval (20')

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Potentiometric Surface and Inferred Groundwater Flowlines - Monkton, Vermont

CHARLOTTE

HINESBURG

Vermont Geological Survey Open File Report VG2016-2

FERRISBURG

STARKSBORO

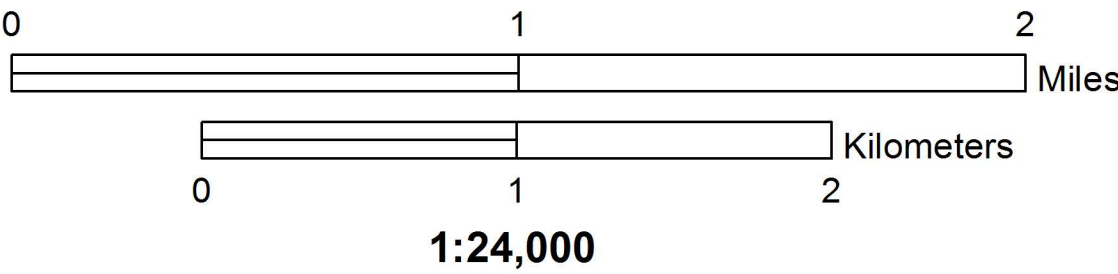
Explanation

This map depicts 100 foot contours extracted from the underlying potentiometric surface. Both of these data layers rely on the static level of water within wells drilled throughout the Town of Monkton. The contours are widely spaced and some level of uncertainty exists in the inferred flow direction in some areas of the map.

Groundwater flowlines are indicators of potential flow down hydraulic gradient within an aquifer. Therefore, it is important to note that water levels do not represent the actual height of the water table.

NEW HAVEN

BRISTOL

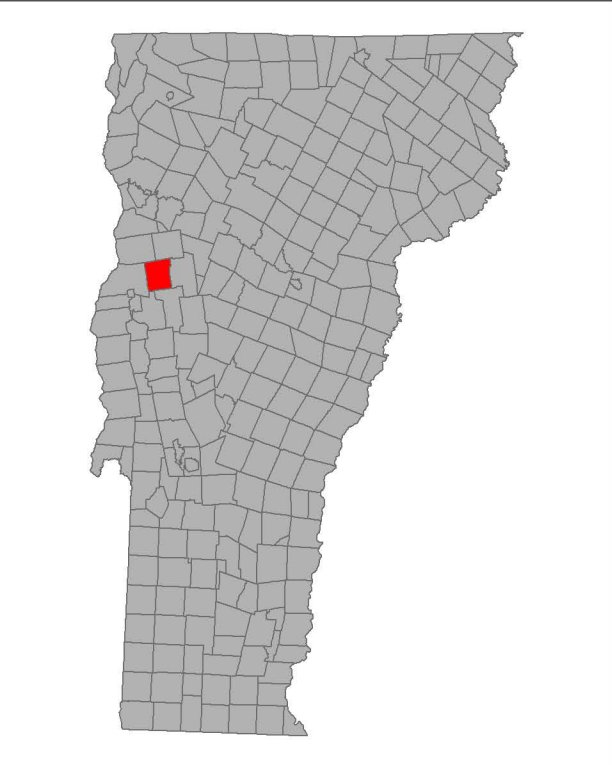


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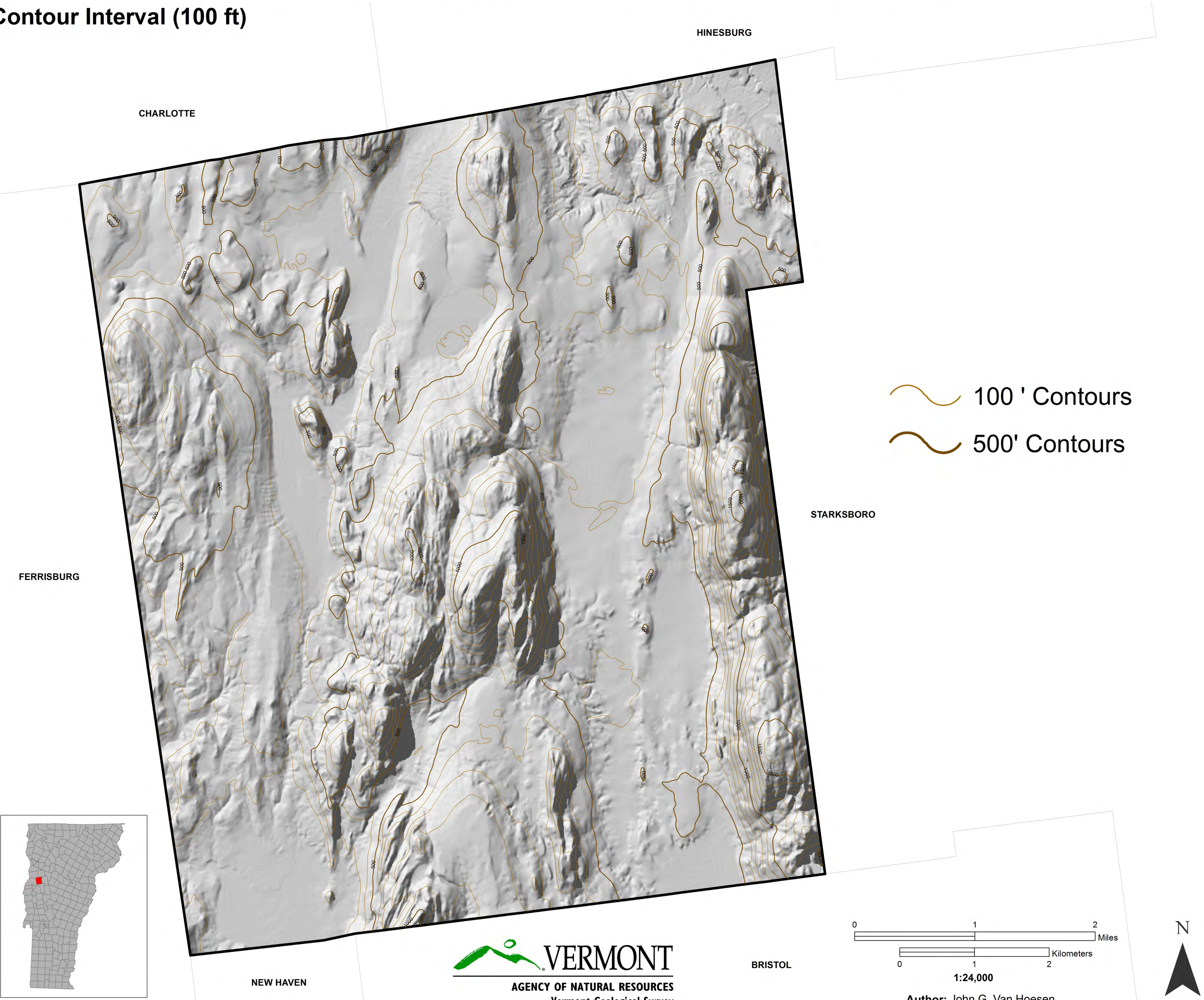
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Bedrock Topography - Monkton, Vermont. VGS Open File Report VG2016-2

Contour Interval (100 ft)



Potential Favorability For High Yield From Surficial Aquifer - Monkton, Vermont

Vermont Geological Survey
Open File Report VG2016-2

Favorability

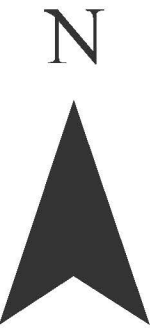
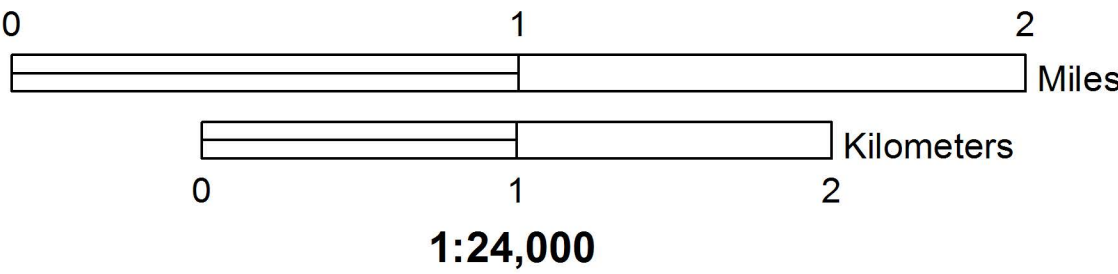
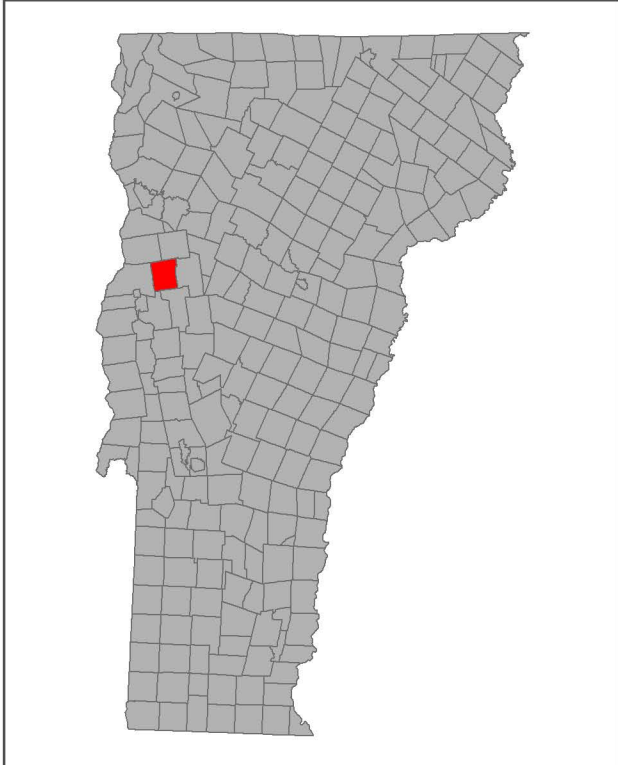
- High
- Moderate to High
- Low to Moderate
- Low
- Unkown

Summary

These rankings were assigned by applying a hydrogeologic classification to log descriptions of surficial deposits thicker than 40 feet from private water wells. Wells ranked HIGH or MODERATE to HIGH contain abundant porous and permeable coarse-grained materials suitable for surficial aquifers. Wells ranked HIGH have

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