Potentiometric Surface and Inferred Groundwater Flowlines - Monkton, Vermont

Vermont Geological Survey
Open File Report VG2016-2

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.
Bedrock Topography - Monkton, Vermont. VGS Open File Report VG2016-2
Contour Interval (100 ft)
Potential Favorability For High Yield From Surficial Aquifer - Monkton, Vermont

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Favorability
- High
- Moderate to High
- Low to Moderate
- Low
- Unknown

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