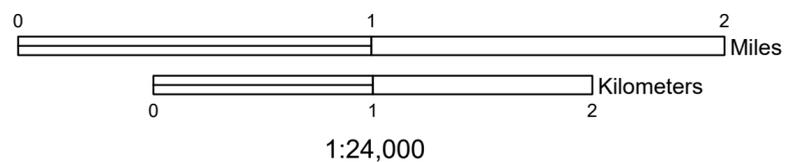


## Simplified Hydrogeologic Units North Proctor Quadrangle, Vermont

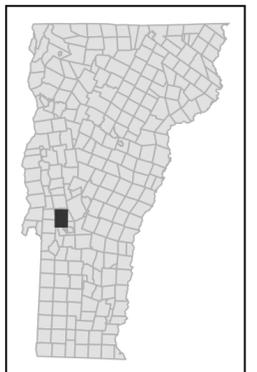
John G. Van Hoesen  
May, 2019

### Well Yield (GPM)

- $\leq 4.00$
- $\leq 9.00$
- $\leq 17.00$
- $\leq 30.00$
- $\geq 30.00$



$14\frac{1}{2}^\circ$   
 MAGNETIC NORTH  
 TRUE NORTH  
 APPROXIMATE MEAN  
 DECLINATION, 2019



### Hydrogeologic Units

- Type I** - exposures of carbonates, quartzite, and conglomerates of the Shelburne Marble, Winooskie Dolostone, Dunham Dolostone, Monkton and Cheshire Quartzites, and the Ira, Bascom, and Clarendon Springs Formations.
- Type II** - exposures of slate and phyllite, interbedded with fine-grained limestone of the West Castleton Formation.
- Type III** - exposures of slate, phyllite, and minor limestone of the Bull Formation.
- Type IV** - exposures of slate, phyllite, quartzite, and conglomerates of the Pinnacle, Moosalamoo, Forestdale, and Biddie Knob Formations.

**Vermont Geological Survey  
VG2019-4, Plate 8**

Coordinate System: Vermont State Plane, FIPS4400, NAD83  
 Basemap Source: VCGI (derived from 0.7m LIDAR)  
 Source: Ratcliffe et al. (2011) - Bedrock Geologic Map of Vermont