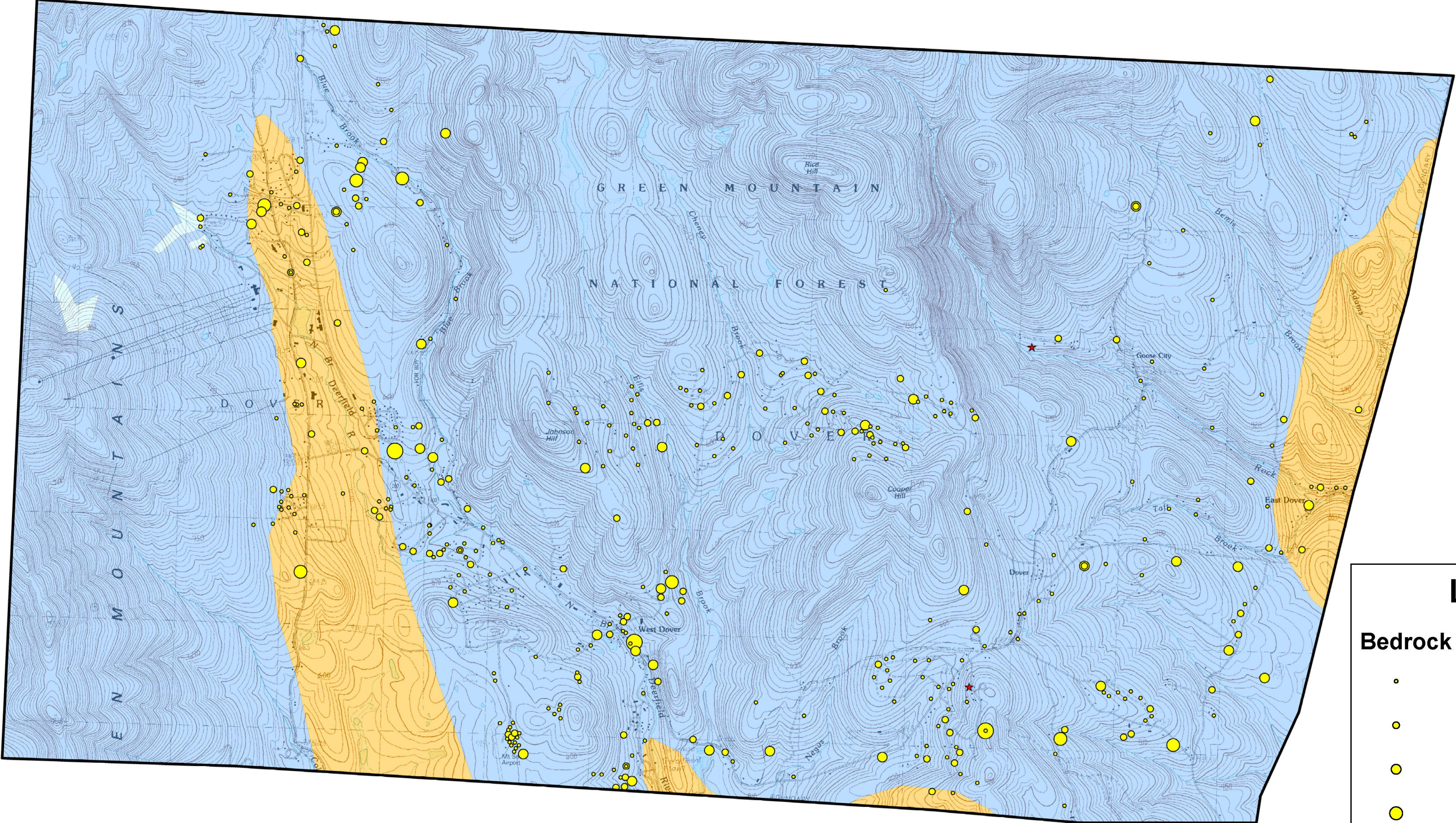


# Hydrogeologic Units of Dover, Vermont



All Bedrock Wells (n=404)  
Mean Yield: 11.82 gpm  
Mean Depth: 339.02 ft  
Median Yield: 4.0 gpm  
Median Depth: 320 ft

All Gravel Wells (n=1)  
Yield: 2.65 gpm  
Depth: 517.5 ft

**HYDROGEOLOGIC UNIT**  
**Unit I – Green Mountain**  
**Sequence (n = 357):** includes exposures of schist, amphibolite, greenstone, phyllite, and rare quartzite within the Cavendish, Hoosac, Pinney Hollow, Ottauquechee, and Stowe Formations, the Readsboro Member of the Cavendish Formation, the Turkey Mountain Member of the Hoosac Formation and the Moretown Member of the Missisquoi Formation.

These rocks have fair to poor aquifer potential depending on the ability of water to flow through fractures and along foliation.

Mean Yield: 21 gpm  
Mean Depth: 340 ft  
Median Yield: 12 gpm  
Median Depth: 320 ft

**Unit Ib - Green Mountain**  
**Sequence (n=1):** includes exposures of dolomite and marble within the Cavendish Fm.

These rocks have limited exposure but have moderate aquifer potential depending upon the ability of water to flow through fractures.

Yield: 7 gpm  
Depth: 225 ft

**Unit Ic – Green Mountain**  
**Sequence (n=46):** includes exposures of biotite gneiss, amphibolite and minor beds of quartzite and granulite within the Mt. Holly Complex.

These rocks have fair to poor aquifer potential depending on the ability of water to flow through fractures and along foliation.

Mean Yield: 13 gpm  
Mean Depth: 339 ft  
Median Yield: 4 gpm  
Median Depth: 327 ft

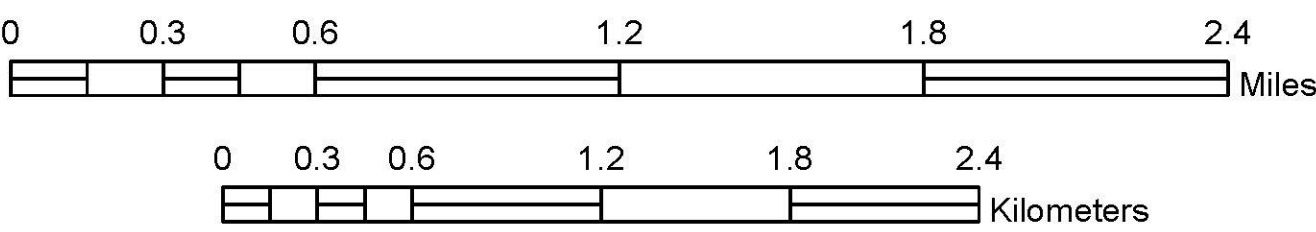
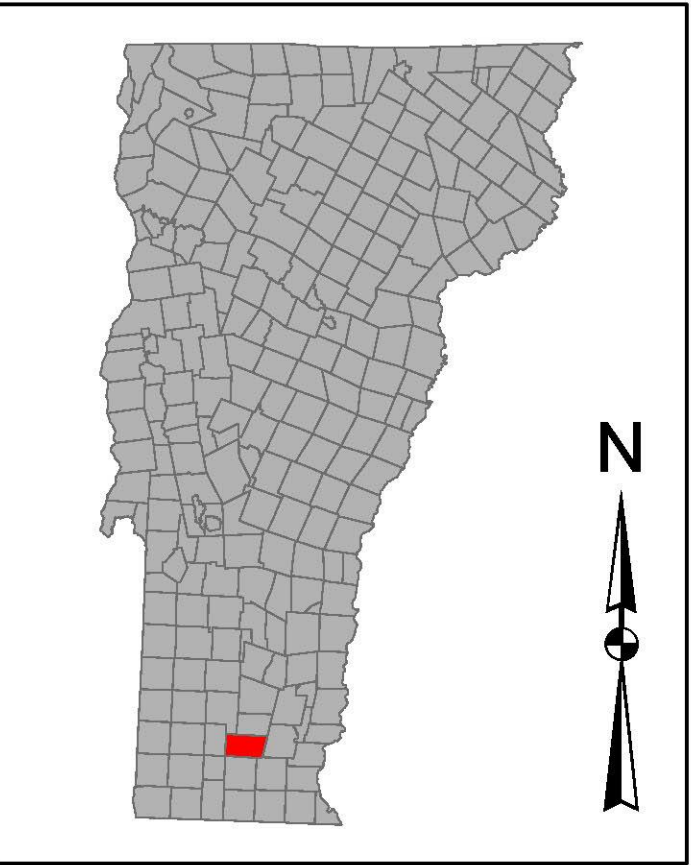
## Legend

### Bedrock Wells (Yield GPM)

- 0.00 - 8.00
- 8.01 - 25.00
- 25.01 - 60.00
- 60.01 - 100.00
- 100.01 - 200.00
- ★ Gravel Wells

### Hydrogeologic Units

- I
- Ib
- II



1:24,000

Author: John G. Van Hoesen

Source: The original bedrock geology layer used to infer these units was obtained from Nicholson et al. (2006) (<http://pubs.usgs.gov/of/2006/1272/#VT>).