

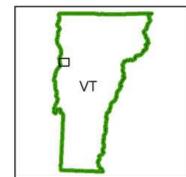
Water well data is used to construct maps of depth to bedrock/overburden thickness maps, static water level contours, and flow lines. Much of the water well data is not accurately located. Town residents worked with existing data for 939 wells and linked wells to E911 addresses. Using this method, more accurate locations were obtained for 306 bedrock wells and 30 gravel wells.

Number of located bedrock wells: 306
 Mean Yield: 12 GPM
 Mean Depth: 417'

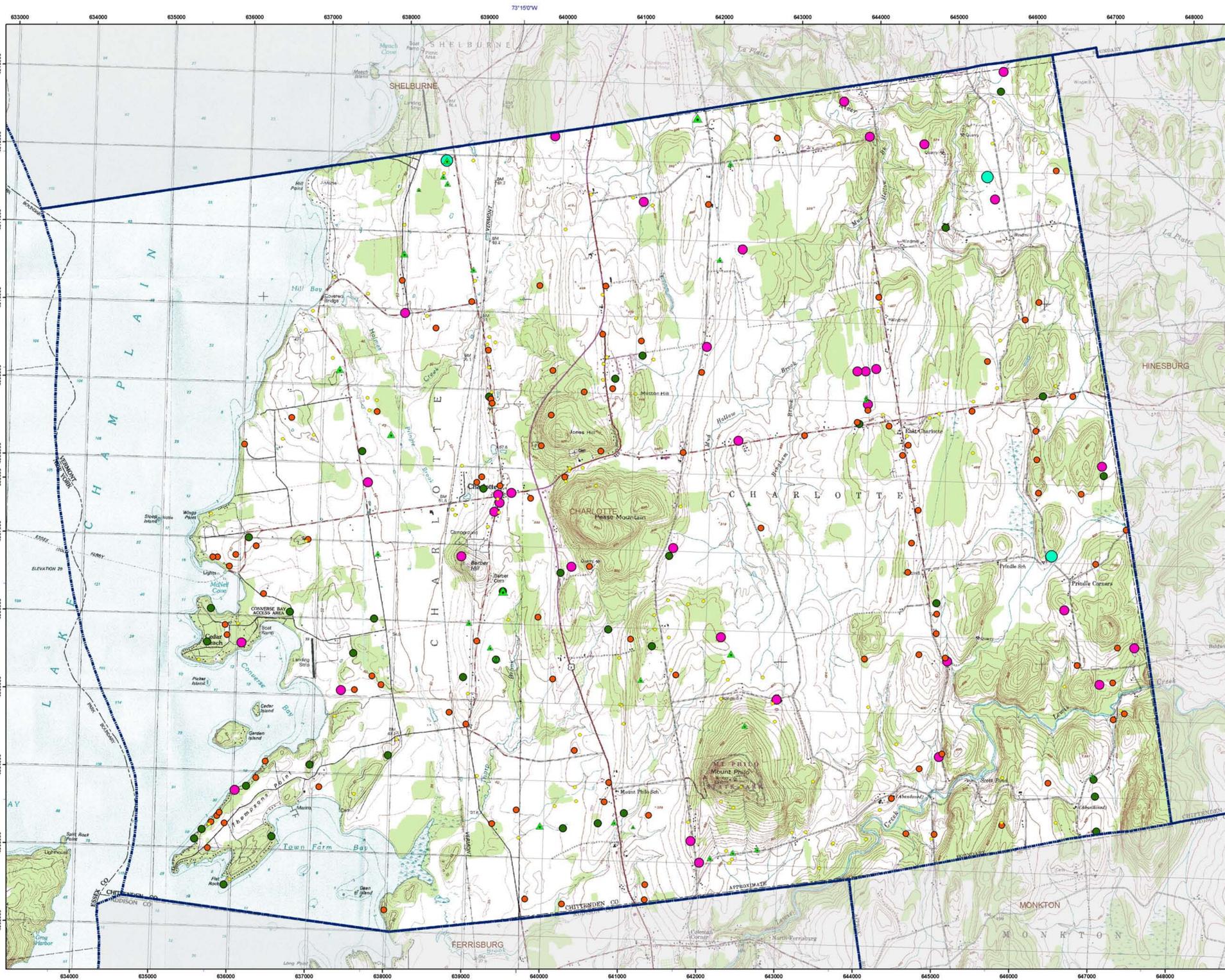
Number of located gravel wells: 30
 Mean Yield: 28 GPM
 Mean Depth: 149 FT

LEGEND

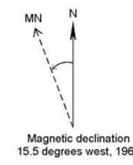
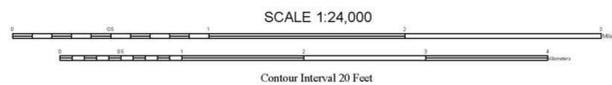
- Water Wells, located by E911 or GPS
- Reported yield in bedrock wells in gallons per minute (GPM)
- 0 - 2
 - >2 - 10
 - >10 - 20
 - >20 - 100
 - >100.0
- Reported yield in gravel wells in gallons per minute (GPM)
- ▲ 1 - 10
 - ▲ >10 - 30
 - ▲ >30 - 60
 - ▲ >60 - 100
- ▭ Town Boundaries
- Surface Water



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 Laurence Becker, State Geologist
 Department of Environmental Conservation
 Agency of Natural Resources
 103 South Main St., Logue Cottage
 Waterbury, VT 05671-2420
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Base map from U.S. Geological Survey.
 Quadrangle names printed in blue.
 Coordinate System: Vermont State Plane, meters, NAD 83.
 Geographic coordinates shown at topo corners are in NAD 83.
 Grid overlay on map is Universal Transverse Mercator,
 Zone 18N, NAD 27.
 Date: May 2010



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 National Cooperative Mapping Program, and
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 The views and conclusions contained in this document
 are those of the authors and should
 not be interpreted as necessarily representing the
 official policies, either expressed or implied,
 of the U.S. Government.

LOCATED WATER WELLS, CHARLOTTE, VERMONT

The well location project was completed by Jenny Cole, Ellie Russell,
 Heather Manning and Gary Pittman, residents of the Town of Charlotte.
 Digital map and data: M. Gale, G. Springston, J. Kim and R. Knox