



Carbonate Aquifer Piezometric Surface

Description

Records of static water levels in the wells tapping the carbonate aquifer were found in well driller logs and used to contour the piezometric surface of the aquifer. The piezometric surface follows the surface topography throughout the mapping area. Highs in the piezometric surface are located in the northern half of the Vermont Valley, where rock outcrops protrude through the confining layer of till. As indicated by the aquifer recharge map, the groundwater recharge rates are considered highest in these areas of thin till cover. As a result, such locations are believed to be most likely to transmit contaminants into the groundwater supply and should be carefully protected.