

## **MGWA 2008 Field Trip--Mark your calendars**

On October 3-5, the Minnesota Ground Water Association will sponsor a Field Trip focused on aquifer testing techniques. Field exercises will include the most recently developed techniques. Data processing methods aimed at understanding complex boundary conditions typical of aquifers in glacial sediments will be demonstrated. Accommodations and meals will be provided at the Deep Portage Conservation Reserve near Hackensack, MN. The cost is currently estimated to be approximately \$300 per person and will include a aquifer test guidebook. Transportation to Deep Portage will not be included in this cost, we suggest ride sharing and van pooling with personal vehicles.

Analytical tools for confined and unconfined aquifer systems, starting with Jacob and Theis, will lead the analysis. In addition, the Step Drawdown method with specific focus on sustained yield and well efficiency will be covered. Dr. Martin Saar, Gibson Professor of Hydrogeology at the University of Minnesota, will lead the theoretical discussion on Friday evening. On Saturday we will conduct a short term step drawdown test at the University of Minnesota Hydrogeology Field Site. The Field site is located near Akeley, Minnesota and features a 120 gpm pumping well with 16 monitoring wells at a variety of radii in a glacial outwash setting. Guest speakers will illustrate concepts by providing examples from Minnesota aquifer tests on Saturday evening. Sunday morning will include a wrap-up question and answer session.

The Minnesota Ground Water Association Foundation has agreed to cover several registration fees for students on a first come, first served basis. Stay tuned for details. Meanwhile save the dates. You won't want to miss this opportunity to learn and network with other ground-water professionals.