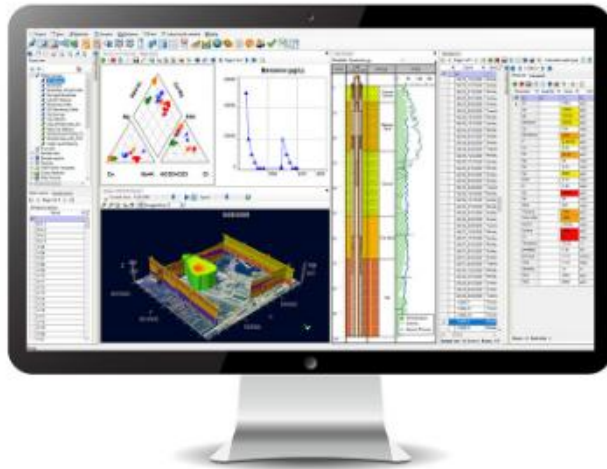


## Hydro GeoAnalyst

### Why Choose Hydro GeoAnalyst?

With Hydro GeoAnalyst, environmental professionals, geoscientists and government agencies have all the tools required to effectively and efficiently manage large volumes of data, and make informed decisions about environmental and water resources.



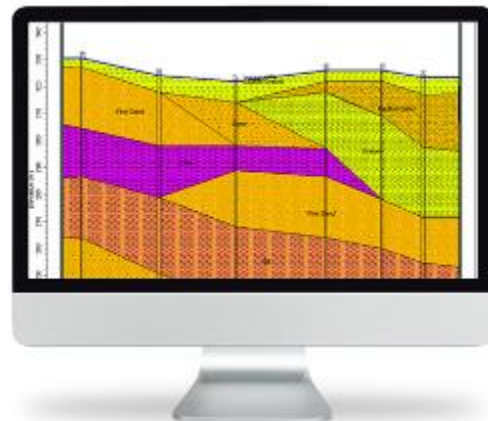
- Manage data for local, state and federal groundwater monitoring networks
- Analyze borehole data acquired for mineral exploration
- Manage well construction details and registration information
- Manage data associated with remediation projects
- Store and report landfill monitoring data, groundwater vulnerability assessment and protection planning
- Mapping and reporting of aquifer extents and geologic formations
- Evaluate and report the spatial distribution of water quality parameters

HGA consists of an application that connects to an SQL Server database and facilitates data management, analysis and interpretation, and collaboration through various purpose-built modules. HGA helps you work with large volumes of environmental data without requiring in-depth knowledge of SQL. HGA+ extends these capabilities by adding modules specifically designed to work with geochemical data and a console for use R to get even more out of your data.

### Improved Data Quality

Hydro GeoAnalyst standardizes your organization and intelligently validates all data upon import, ensuring it meets quality requirements for reliable analyses and informed decision making.

- Hydro GeoAnalyst helps you kick start your project by providing an environmental database template that consist of tables and fields for common environmental data types, common well profile templates and report templates.
- Increase efficiency and achieve cost savings with streamlined and automated data collection, data import, analysis and reporting workflows.
- Unlike other commercial environmental data management software packages, Hydro GeoAnalyst gives you complete control over your database, allowing you to fully customize the database structure to accommodate project needs and scale your database as data volumes grow.





### **Vital Information at Your Fingertips**

- The Query Builder is a powerful tool that helps you create, save and recall simple to complex data queries without having to know complicated SQL syntax. Easily define the conditions of your query by dragging and dropping database fields, and choosing the desired logical operators (AND, OR, LIKE and IS).

### **Gain critical insight**

- Gain greater insight into your environmental data with a suite of integrated analysis, interpretation and visualization tools including Map Manager, Cross Section Editor, Well Profile, Time Series Charts, Scene Viewer and more.
- The analysis tools included with Hydro GeoAnalyst are developed solely by Waterloo Hydrogeologic which saves you money, guarantees interoperability, and simplifies procurement and license management.

### **Collaborate and Communicate Efficiently**

Hydro GeoAnalyst stores all your data in a single, centralized database that can be accessed securely by multiple users across a network. Well Profiles, maps, cross-section diagrams, time-series charts and reports can be easily retrieved by team members and key decision makers.

- Hydro GeoAnalyst streamlines field data collection with easy-to-use planning tools and support for mobile electronic data deliverables. Easily plan and schedule your field trips, and then conveniently collect your data using your Apple or Android mobile device.

