



## Window on the Earth: Geocomputing

Granber Solutions consultants use, develop, and provide support for geological software applications. With a sound background in the geological sciences, our consultants know how to apply the right software applications to achieve the best possible results for your business mission.

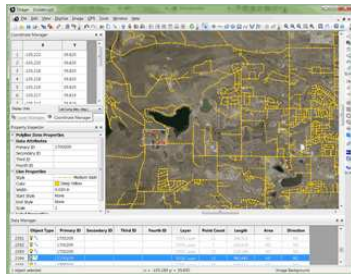
Our background is diverse and includes Geocomputing experience in the following industries:

- Oil & Gas
- Mining and Mineral Exploration
- Environmental Remediation and Assessment
- Software Development



Using our industry experience, we are able to provide effective Geoscience software application consulting to support your next operation. Call us today to discuss your Geotechnologies software needs.

## Geographic Information Systems (GIS) for Geology



Granber Solutions can deliver a GIS solution for your Geoscience project. Using industry accepted software tools from ESRI, Golden Software, and Manifold, we can create the best and most cost effective solution.

Whether you require a simple map solution or a complex geodatabase and system setup, Granber can provide the solution for your project needs.

Utilizing the latest in GPS and GIS Geotechnology, Granber can manage all phases of the project. We can provide data acquisition, analysis, and final map production. We have the experience necessary to integrate your existing drawings and graphics into a comprehensive solution.

We can even create a web service to display this data to the public, or within a company intranet.

## Geodata Management

Capitalize on our experience to effectively manage your most valuable data assets. We can assist in all phases of managing your geodata from loading project data into core software systems to creating data warehousing solutions. We have experience dealing with key industry data vendors including; Whitestar, IHS, DrillingInfo, TGS, and Tobin.

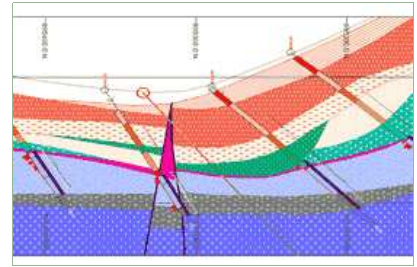
## Borehole Graphics



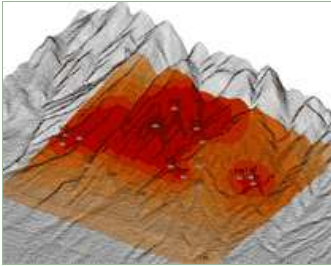
Granber Solutions can create stunning and informational borehole diagrams using software from Golden Software, Rockware, and Earthworks. We have created diagrams for geologists in a number of different industries. We will create the exact diagram that you require, based upon the data gathered from your project. We can output the data in a number of graphical format types to satisfy virtually any requirements.

## Cross Sections and Fence Diagrams

Granber Solutions can create stunning cross sections and fence diagrams to help display and model the subsurface geological data. We have the ability to create stunning presentation quality graphics for your next meeting or report.



## Topographic Mapping - Gridding and Contour Mapping



Granber Solutions can create topographic map data to support your operations. We have experience using gridding and contouring packages including Surfer from Golden Software. We can grid your project data using industry standard methods. From the gridded data, we can create contour maps, 3D surfaces, wire frame diagrams, and hillshade diagrams. These models can be exported in a number of different formats to meet your specific project requirements.

## Digitizing Services - Hard Copy to GIS Data and Geodata

Granber can digitize paper and hard copy maps and Mylar overlays. We are familiar with a number of digitizing software packages and we can quickly perform this task for you. We either manually digitize the information using GTCO digitizing tablets, or we scan the map and perform raster-to-vector conversion. In either case, your legacy maps are brought to digital life with this service.



We also digitize well logs and other 2-D graphical representations. Our software can correct for any stretching, rotation, and warping of the original image. We will verify the accuracy of the vector data and export the data to the format that is required by your applications.

## Geodatabase Design and Integration

Granber has been working with geodatabase applications for nearly 20 years and we want to help you with your geodatabase design and integration project. We believe that the key to success of any software project is a well designed and extensible database. Solid, methodical design is the key to the success of a database design. We can integrate data from multiple sources into one seamless whole.

Products that we support can be used to process this data, which can be used to render graphical output, statistical reports, and data for further numerical analysis.

Having a database that can be readily and reliably used is often overlooked in many small organizations. Contact Granber Solutions today to bring your data under control. We help our clients go from data management chaos to absolute order.

## Coordinate Conversion

Granber can provide data and coordinate conversion consulting. Many projects encounter problems integrating data from different sources and time periods. Using coordinate conversion and projection software, we can convert and merge the data to one common coordinate system.

We also have the ability to convert data from an outdated or rarely used format to a common data format that can be used by modern mapping and graphical products.

We welcome the most challenging and problematic data formats. Granber can handle any mobile mapping task that your project requires. We can provide GPS grade mobile mapping solutions utilizing a variety of different hardware and software packages.