Geology Services

From exploration to mine operations, GEOVIA's geologists can help you with your projects and enable you to better organise your geological data. As the largest global provider of mining software, we have more than 25 years of experience delivering real-world solutions to geological challenges for every deposit type, mining environment and method.

Our geology services include providing assistance with geological interpretation, drillhole data capture, and statistical analysis. We ensure you have precise geological and resource models along with the tools you need to protect, manage and accurately report on your data.

Using our software, we offer the following geology services to help you with your project:

- Drillhole Data Maintenance
- Orebody Modelling
- Seam Modelling
- Statistical Analysis
- Resource Estimation
- Sections

GEOVIA's geologists are available to help with your project.

Here are some examples of geology services we've provided for clients:

OREBODY MODELLING

A gold operation located in South Africa required an experienced Surpac geologist to perform an independent audit of their geological solids model. The client had two separate models; each created by a different staff geologist in different years, and they needed assistance due to the significant volume discrepancies between the two. GEOVIA's Surpac experts conducted an audit of the client's drillhole database to ensure data accuracy and then systematically assessed both models in order to understand the interpretations done by the previous geologists.

STATISTICAL ANALYSIS

In the UK, a gold operation needed to validate their resource models based on their input drillhole data which was in a non-GEOVIA software package. GEOVIA's experts converted the original data into Surpac in order to generate the input and output statistics. They then evaluated the statistical similarity between the input and output models and completed a trend analysis and visual validation. The team provided the client with a report detailing the validation process and recommendations on how the client can increase the accuracy of their model.

RESOURCE ESTIMATION

None of the current staff at an iron mine in Canada had advanced experience with using GEMS, and the operation needed to learn the most efficient ways to use the software for geological modelling and resource estimation. GEOVIA worked side-by-side with the client on site demonstrating the procedures.

The client was able to learn hands-on, receiving training as they progressed through the workflows. GEOVIA staff also provided a detailed report to ensure the client could use the profiles again on their own, without assistance.

The mining solutions you expect. From the people you trust.

For more information visit **3ds.com/GEOVIA/Services** or email **GEOVIA.Services@3ds.com**.