



Geosoft Solutions for ESRI ArcGIS

2010 ESRI International Partner of the Year

"Geosoft has done an exceptional job of leveraging ESRI technology to address the specialized needs of geoscientists. Their innovation and industry expertise have made a significant contribution in improving workflows and enhancing integration with ESRI software to help our customers drive greater efficiencies and achieve their business objectives."

-Alex Miller, President,
ESRI Canada

Specialist solutions for earth explorers

"To support the most complex of specialist workflows, GIS really needs to be in the hands of a specialist solution builder. Our global partnership with Geosoft has been essential to fulfilling the specific needs of explorers working within ArcGIS."

-Geoff Wade, Natural Resource
Industries Leader for ESRI

Working effectively within GIS is an important requirement for geoscientists. GIS technology supports many aspects of earth exploration mapping and geoscientific analysis, and it is increasingly being used to create and share knowledge based on geospatial analysis and modelling.

Geosoft provides GIS mapping and analysis capabilities to conduct critical tasks for exploration and earth science projects. We help to solve these challenges for geoscientists working within ESRI ArcGIS:

- Effective management of drilling projects
- 2D and 3D visualization of drillhole and borehole geology data
- Analysis and mapping of multi-element geochemistry
- Generation of integrated interpretations and 3D models

The availability of more advanced mapping and analysis capabilities within GIS systems has enabled greater precision in interrogating multidisciplinary datasets, and obtaining three dimensional insight of the Earth's subsurface. Using Geosoft to conduct multivariate, 3D analysis of diverse exploration datasets helps geoscientists to increase targeting effectiveness and reduce uncertainty within discovery efforts.

Geosoft technology is widely used in mineral exploration companies, as well as government and other organizations. In addition to developing extensions for ArcGIS, we have also embedded ESRI's ArcEngine within our software platform, enabling geoscientists to use ESRI tools to natively display Arc .mxd and .lyr files, without leaving the Geosoft environment. ArcGIS and Geosoft users can share their files seamlessly and spend more time collaborating in an increasingly integrated environment.



Geosoft ArcGIS Extensions

Efficient workflows for geology and geochemistry

"Using Target for ArcGIS, our geoscientists can work with their geophysical, geochemical and geological data within the ArcGIS environment much more quickly and effectively."

-Ana Maria Gonçalves,
Information Manager, Vale

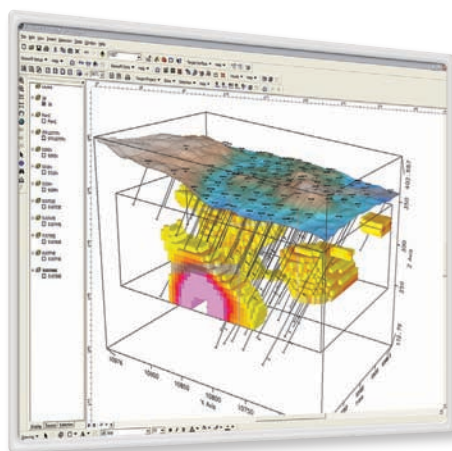
Delivering global solutions

"We selected Geosoft and ESRI technology because we saw a strong fit with our need to establish a solid data foundation, and company-wide standards for our exploration systems. Having worked with Geosoft for over 15 years, we had confidence in their ability to deliver a global solution."

-Bob Holroyd, director of Teck's
Global Exploration Technology Group

Target for ArcGIS

Target for ArcGIS is a surface and subsurface mapping extension to ESRI's ArcGIS Desktop software that simplifies the visualization and analysis of drill hole and bore-hole geology data within a GIS environment. Target for ArcGIS extends the mapping and processing capabilities of ArcGIS to meet the specific needs of geoscientists. Using Target for ArcGIS, geoscientists can view their drill hole and bore-hole data in plans, sections, and graphic logs within the ArcMap application of ArcGIS Desktop. They can process large volumes of data with ease and generate professional-quality maps for presentation.



[Associated Region:](#) Worldwide

[Desktop Application:](#) ArcGIS Extensions

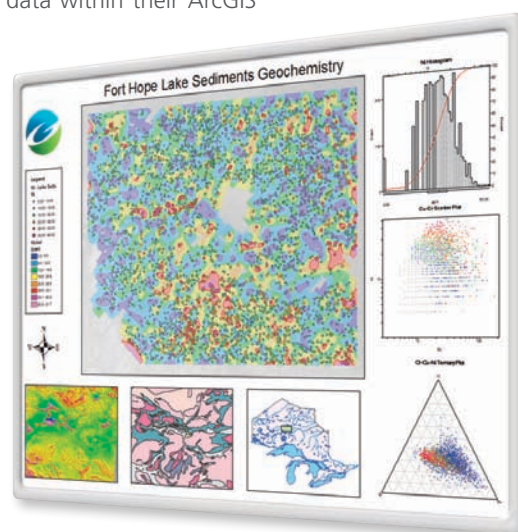
Geochemistry for ArcGIS

Geochemistry for ArcGIS builds on the success of our subsurface geology extension, Target for ArcGIS, and enables explorers to analyse geochemical data within their ArcGIS environment.

Geochemical investigations require the ability to process and analyze all components of geochemical sampling in context with the geology and geophysics. Using the tools available within Geochemistry for ArcGIS, geoscientists can effectively extract knowledge from their data by examining multivariate relationships, uncovering underlying structures, identifying outliers and anomalies and present results by easily creating informative, visually impactful maps.

[Associated Region:](#) Worldwide

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Geosoft Inc.
Queens Quay Terminal
207 Queens Quay West
Suite 810, PO Box 131
Toronto, ON Canada
M5J 1A7
+1 800 363-MAPS
explore@geosoft.com

International Offices:
Geosoft Africa Ltd.
Geosoft Australia Pty. Ltd.
Geosoft Europe Ltd.
Geosoft Latinoamerica Ltda.

www.geosoft.com