



SGEO

A  
STRUCTURAL  
GEOLOGY  
COMPANY

# OUR SERVICES

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We specialize in assisting mining and exploration companies in comprehending the crucial role that geological structures play in their operations, encompassing both the occurrence of mineralization and the impact of these structures on the stability of underground facilities. With over 50 years of combined experience in structural geology analyses and modeling, our team excels in tackling challenging crystalline Precambrian settings. Our services include:

## **STRUCTURAL GEOLOGICAL MAPPING**

Our team uncovers the factors influencing the distribution of mineralizations or structures affecting geotechnical stability through structural geological mapping using diverse methods, including fieldwork at various locations and the utilization of borehole samples, thin sections, and digital datasets. Each project is meticulously planned to provide high-quality data, forming a solid basis for subsequent structural geological analysis and modeling.

## **STRUCTURAL GEOLOGICAL SYNTHESIS**

From the available data, we have the capability to generate conceptual cross-sections and models illustrating the interaction between geological structures and mineralizations, as well as challenging geotechnical conditions. Subsequently, our team creates precise 3D models of complex structural geological settings, thereby improving your drilling plans, resource estimation, or underground design.

## **STRUCTURAL GEOLOGICAL TRAINING**

We offer comprehensive educational courses catering to both basic and advanced levels in structural geology. Our teaching and training approach prioritize student-centered and practical methodologies while maintaining a strong foundation in theoretical knowledge. Our courses are designed to accommodate different target groups, and we can customize them to suit your company's specific requirements. The flexibility of our training allows us to adjust the level of difficulty to meet the diverse needs of our students.

# OUR TEAM

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**Pietari Skyttä, PhD**  
Professor of Structural Geology



**Jussi Mattila, PhD**  
Adjunct Professor of Structural Geology



**Tuomas Kauti, MSc**  
Structural Geologist



## CONTACT US

[www.sgeo.fi](http://www.sgeo.fi)

[sales@sgeo.fi](mailto:sales@sgeo.fi)

