



CORE

- **High resolution** spectral mapping of alteration and rock-forming minerals
- **Reproducible** results based on in-house developed dedicated routines
- **Customised** data products in terms of target mineralogy as well as textural and structural attributes
- **Mineral quantification and grade estimation** through data fusion combined with machine learning techniques provides mineral abundance maps and logs
- Logs are **easy to integrate** in the 3D modelling software of your choice




PIT

- Our **in-house developed algorithms** for geometric and illumination correction allow the creation of digital twins of your outcrop
- Pit to bench scale scanning – using our **multi-scale** approach you can get a glimpse of big picture while not losing small details
- **Machine learning** driven methods to provide **reproducible** results with **quantitative information** and for **lithological** and mineral mapping
- **Structural** interpretations easily drawn from hyperspectral results
- **3D pointclouds** as TXT or LAS output (x,y,z + attribute) **easy to integrate** in the software of your choice




MAP

- Cover **large-scale** targets fast from squared-meter to squared-kilometre scale using a **multi-scale** and **multi-platform** approach
- **Adaptable spatial resolution** ranging from centimetre to meter depending on the target
- In-house developed dedicated processing routines for **reproducible** mineral identification and **prospectivity mapping**
- Integrated multispectral, elevation and spectral data for **complete geological interpretations**
- **Easy to integrate** standard TXT or LAS output (x,y,z + attribute)



▶▶ **Faster.** Cover more ground faster in higher detail

👤 **Safer.** Scanning from distance to increase safety by minimising feet on the ground

⚙️ **Smarter.** Improve the sampling strategy through targeted sampling and drilling

🛡️ **Credible.** Professional and experienced team with continuous access and involvement in R&D

📄 **Accurate and reliable.** Our results are reproducible and attested, making our reports suitable for management decision making

🎯 **Targeted.** Reduce the cost of your drilling campaign through better geological understanding of your deposit

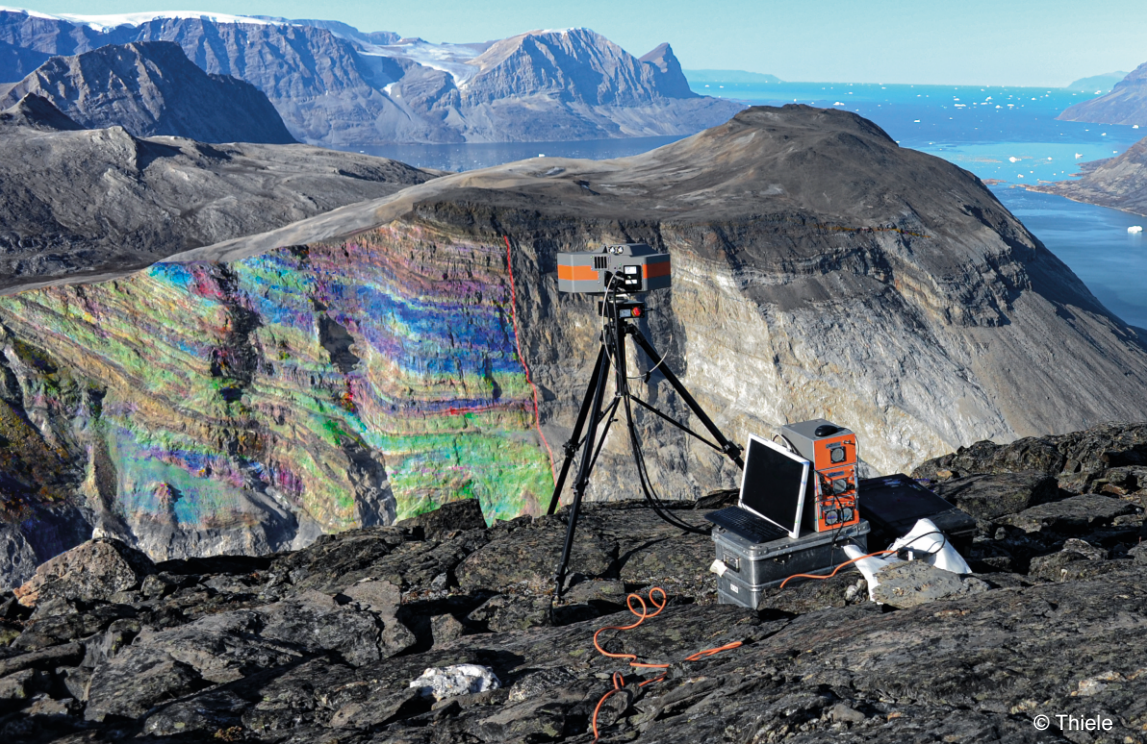
🕒 **Productivity.** Improve material flow to plant and tailor blast design to increase grade and reduce risk

★ YOUR BENEFITS

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 **Theia X** Innovative
Mineral
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