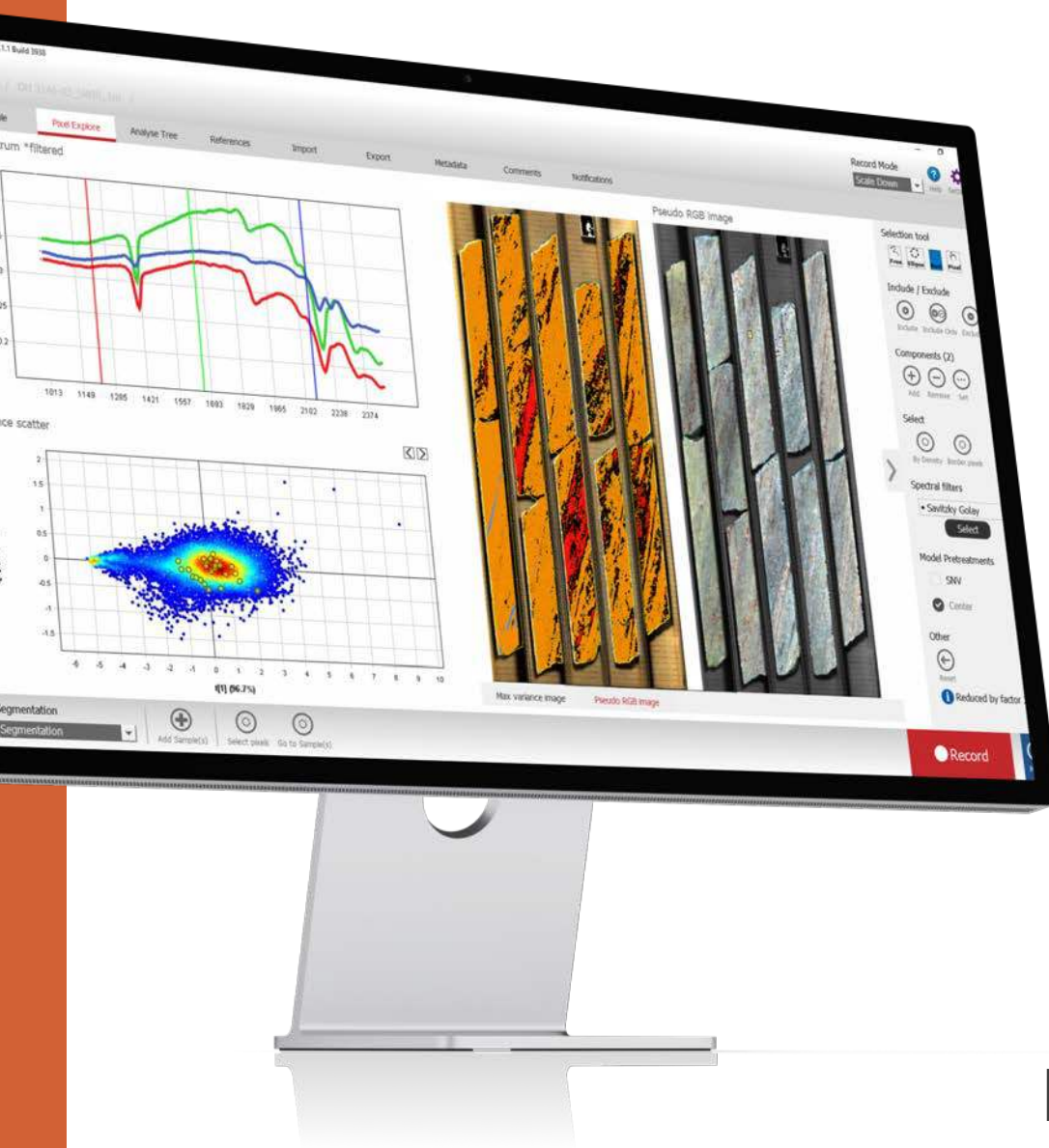


breeze geo.

SOFTWARE FOR GEOLOGICAL
HYPERSENSPECTRAL IMAGING APPLICATIONS



Software for geological hyperspectral imaging applications

Our software for mineral analysis using hyperspectral imaging offers a fast and easy solution that empowers you to take full control of your mineral analysis and data. Streamline your workflow with automated analysis that can be run by non-experts.



The complete toolbox

Breeze Geo provides an all-in-one solution that covers every step from data acquisition and analysis to logging and exporting of mineralogic interpretations.

Data acquisition

Connect to HySpex cameras and record the data. Support for simultaneous acquisition from two HySpex cameras.

Data quality control

Built-in functionality for quality assurance and achieving correct image quality.

Exploratory analysis

Explore and analyse the images and spectral data of your analysed materials.

Application development

Visualize and build your analysis and processing workflow using a variety of models and algorithms.

Routine analysis

Run your analysis workflows as a routine method and in real-time.

Export results and data

Export data for use in reports, logging and common industry software.

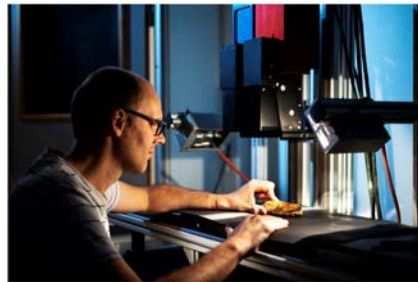
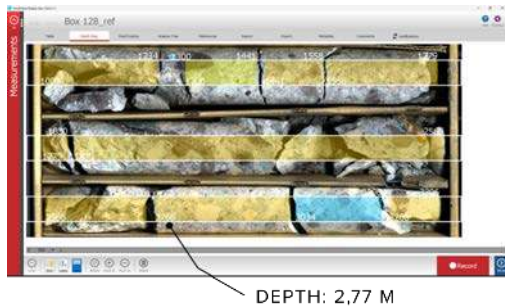
Analysis methods

Breeze Geo includes several efficient algorithms and modeling techniques allowing for advanced exploration and interpretation of the data. The software comes with built-in spectral library on a wide range of minerals. Additionally, you have the option to create your own custom library.

- Mineral classification/quantification
- Spectral library interactivity
- Spectral Angle Mapper
- Band ratios
- Machine learning
- Spectral feature modelling
- USGS MICA mineral mapping
- Build custom libraries

Core logging and depth registration

The resulting mineralogic interpretation and logs can be exported in common formats and are easily included in other core logging software to enable a comprehensive understanding of the data. It also allows you to revisit and re-evaluate your data as needed without incurring extra fees.



Created in partnership with front-runners in mining research.

The continuous development of Breeze Geo is made in collaboration with CASERM* and Colorado School of Mines. Through this partnership we gain valuable industry insights allowing us to fine-tune the software according to industry needs.

* Center to Advance the Science of Exploration to Reclamation in Mining



Supported hardware

Breeze Geo is exclusive to HySpex customers and works with HySpex VNIR / SWIR cameras, Lab scanner, Core scanner, Field scanner.

Data import

Import a wide range of file formats: ENVI Files, HySpex, Matlab files, HDF files, Image files, SAC file, HIPS File

Data export

Compatible with industry standard software:

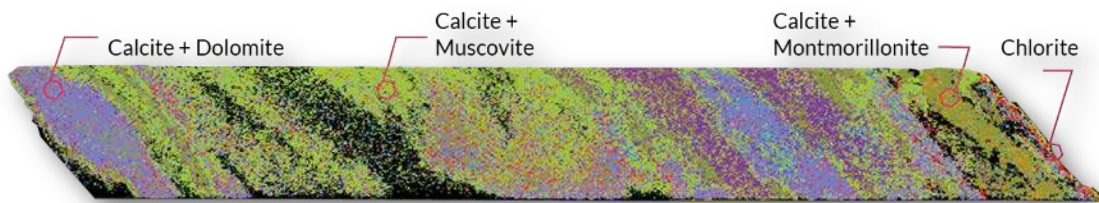




A trusted partner in hyperspectral imaging.

Prediktera gives you user-friendly software solutions. With over 15 years of experience in data and imaging you can trust us to provide software solutions for all your hyperspectral imaging projects.

We can assist you all the way from early inquiries and hyperspectral application development to custom integration projects.



We help you succeed



“Our software solutions make it easy to get started and productive in hyperspectral imaging. Don’t hesitate to contact us to discuss the possibilities in your industry.”

– Andreas Vidman, CEO

- Feasibility studies
- Application support
- Training
- Software support

Contact

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