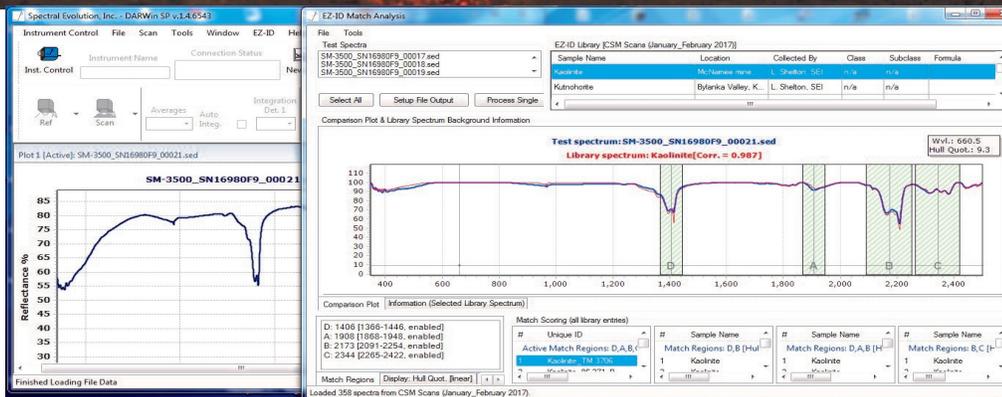


SPECTRAL EVOLUTION

EZ-ID Now Available with GeoSPEC High Resolution Library

The GeoSPEC High Resolution Library consists of ultra-high resolution scans taken with Spectral Evolution's SR-6500 high resolution field spectroradiometer. The Library includes a collection of samples from the Colorado School of Mines Museum.



EZ-ID Adds a New Optional Spectral Library

Using a Spectral Evolution SR-6500 ultra-high resolution/high sensitivity spectroradiometer, Spectral Evolution scanned the Colorado School of Mines Museum collection of known samples and created the GeoSPEC High Resolution Library as an option for EZ-ID mineral identification software.

This allows geologists using an SR-6500 or an oreXpress field spectrometer to have access to three robust libraries for mineral identification: the USGS mineral library, the SpecMIN library, and the GeoSPEC library. Geologists can match unknown samples against more than 2000 spectra for over 700 minerals and identify alteration minerals quickly and accurately in the field. The exclusive GeoSPEC High Resolution Library adds 237 minerals and over 600 spectra.

This unmatched collection of mineral libraries gives geologists an important tool for mineral mapping and deciding on the vectors to ore—well in advance of drilling.

EZ-ID provides an essential tool for *in situ* scanning and identification, as well as fast and efficient core logging. EZ-ID's match regions provide users with the ability to focus on critical absorption features for more accurate identification and to unmix the predominant minerals from trace minerals in a sample.

And the data from EZ-ID is saved as ASCII files for use with other mineral analysis tools like 3D mapping software or programs like The Spectral Geologist (TSG). Data can also be exported using batch software to an Excel spreadsheet for further analysis.

EZ-ID is available for mining applications with Spectral Evolution's oreXpress field spectrometer and the ultra-high resolution SR-6500 field spectroradiometer. The oreXpress offers resolution of 3nm @ 350-1000nm, 8nm @ 1500nm, and 6nm @ 2100nm. The SR-6500 delivers resolution of 1.5nm @ 700nm, 3.0nm @ 1500nm, and 3.8nm @ 2100nm.



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