PRESS RELEASE

The oreXpress portable mineral analyzer with EZ-ID software allows you to quickly take scans in the field and then process multiple scans in batch mode for fast initial mineral identification.

Lawrence, MA – April 21, 2015 – In mining exploration you often need to take a lot of scans in the field – SPECTRAL EVOLUTION'S oreXpress™ and oreXpress Platinum are designed to help you do that. EZ-ID software running on an oreXpress™ portable spectrometer is an ideal solution for fast, easy, and accurate mineral identification. EZ-ID matches your unknown mineral against known spectra from the USGS and SpecMIN™ libraries. You can scan and identify on a sample-by-sample basis - or if you have a large number of samples, EZ-ID will let you run your samples in batch mode to identify multiple samples as quickly as possible.

EZ-ID's batch processing feature allows geologists to save their scan files in a Microsoft Excel spreadsheet format, a comma separated file, or a tab delimited text file. Set up is quick and easy. You tell EZ-ID which samples to process, you select the columns of information you require, you can add or subtract regions of interest for the scans, and you define the scoring match threshold limits – for example you may want to look at only those results with a scoring match of 98%.

The results are displayed in your spreadsheet and saved as ASCII files for use with other third party software. The entries for each sample spectrum list the scoring matches that meet the thresholds you have chosen.

Caption: EZ-ID screen for mineral identification.

Caption: You set the boundaries for what appears in the batch report.

By default, the output file will show the mineral matches for the spectra with the five highest match scores. Or, you can set-up the output to specify the number of scores selected and a minimum score threshold.

The results are output in the format you select.

EZ-ID software delivers real time mineral identification for outcrops, in pits, with hand samples, and is especially useful in fast and accurate core logging applications. EZ-ID features:

- Fast and accurate identification of an unknown mineral to a known library sample
- Easy to use – just collect a target scan using the oreXpress spectrometer and see immediate match results in real time
- Simple, consistent user interface
- USGS library included, SpecMIN available, works with other commercially available libraries
- Include or exclude spectral regions of interest for optimal results
- Fast scanning for optimum field work or core shack logging
- Batch processing mode for saving scans

With our Custom Library Builder software module, EZ-ID allows you to scan known samples and quickly build a custom library for a particular project, mineral, location, and more. You can select pre-defined metadata fields or define your own.

The combination of EZ-ID software and the oreXpress field portable spectrometer for mining offer geologists a complete mineral identification system to improve mining exploration.

The oreXpress spectrometer with companion GETAC PS336 handheld microcomputer features:

- 350-2500nm spectral range
- Highest resolution/best sensitivity in a field unit
- Auto-dark shutter and auto-exposure for easy, one-touch scanning
- No optimization required to start scanning – get to work as soon as you hit the field
- With the GETAC PS336, easily tag spectra with images from the auto-focus digital camera, e-compass, altimeter, GPS data, and voice notes
- GETAC sunlight readable VGA display
- Mineral contact probe with metal-clad fiber optic cable
- Lightweight LI-ion batteries for power in the field
- Accessories include core shack fold-up field cart and benchtop reflectance probe

For more information: http://www.spectralevolution.com/Mining_software_EZID.html

About SPECTRAL EVOLUTION
Established in 2004, SPECTRAL EVOLUTION is a leading manufacturer of laboratory and handheld portable spectrometers, spectroradiometers and spectrophotometers. SPECTRAL EVOLUTION spectrometers are used worldwide for many mission-critical lab and field applications in mining, remote sensing, vegetative studies, ground truthing, environmental and climate studies, developing satellite calibrations, and more, due to their reliable, robust, rugged design and user-friendly one-touch features.

SPECTRAL EVOLUTION maintains a facility in Lawrence, Massachusetts which houses design, prototyping, manufacturing and service facilities for the instruments that it markets and sells worldwide, either through direct sales, OEM sales or through distributor agents. EZ-ID and oreXpress are trademarks of SPECTRAL EVOLUTION.

Press contact
Mo Kashdan
Marketing & Sales
978-687-1833
Maurice.kashdan@spectralevolution.com
SPECTRAL EVOLUTION
1 Canal Street, Unit B1
Lawrence, MA 01840 USA
www.spectralevolution.com