PRESS RELEASE

oreXpress™ with EZ-ID™ real-time mineral identification software for uranium exploration.

Lawrence, MA – March 21, 2014 – The oreXpress spectrometer with EZ-ID software delivers a reliable, lightweight, field instrument for identifying and differentiating between clays that are critical to providing geologists with vectors to uranium mineralization.

With a handheld GETAC microcomputer and mineral contact probe, the oreXpress can be easily used by one person in the field to collect scans and identify alteration minerals associated with uranium. Running EZ-ID, the oreXpress can identify minerals including:

- Uraninite
- Dickite
- Sericite
- Chlorite
- Kaolinite
- Illite
- Pyrite
- Chalcopyrite

Pre-drilling, the oreXpress can help identify target areas with the greatest possibilities; post-drilling, the oreXpress can be used in the core shack to confirm results and disclose trending of alteration minerals showing the most promise for additional exploration. The oreXpress spectrometer delivers:

- Rapid data/spectra collection in the field
- High signal to noise ratio for improved reflectance values
- Fast start-up and use with no optimization step required between scans
- Sturdy construction to handle field conditions
- Reliability with no moving optics and a robust metal clad fiber optic cable connector with easy-disconnect fiber

- A rugged and reliable mineral contact probe for single click field measurements, use in core logging shacks, and with chip trays

The oreXpress with EZ-ID matches your unknown target mineral against a known spectral library. EZ-ID is available with the USGS library and the SpecMIN™ library from Spectral International.

SpecMIN includes an extensive and dynamic library of over 494 infrared active mineral species with more than 1,528 individual spectra. This unique spectral library includes a minimum of two different samples per mineral.

EZ-ID features:

- Fast and accurate identification of an unknown mineral to a known library sample
- Ease of use – just collect a target scan and see immediate match results in real time on your laptop
- Simple, consistent user interface
- Include or exclude spectral regions of interest for optimal results
- Fast scanning for optimum field work or core shack logging

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.

For more information: http://www.spectralevolution.com/applications_uranium.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.

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