



TerraSpec® 4 Hi-Res Mineral Analyzer with The Spectral Geologist™ Pro

**The perfect pair for mining exploration
spectral data collection and analysis**

The Spectral Geologist (TSG®) Pro geologic software offers the mining industry the most customizable visual presentation of data sets collected by the TerraSpec 4 Hi-Res mineral analyzer.

Take the portable, rugged TerraSpec 4 Hi-Res instrument out to the field or core shed to collect spectral data. Recognized as the de facto technology for mineralogical analysis, these mineral analyzers are trusted by top geologists for quick and accurate geologic exploration. Trust the TerraSpec 4 instrument to determine the viability of mineral exploration targets faster and more precisely than ever before.

Put the TSG Pro™ software to work to understand the spatial distribution of minerals residing in your project area using the precise spectral data collected by the TerraSpec 4 mineral analyzer.

The powerful TSG Pro software allows users to treat spectra not in isolation, but as a project data set with all other ancillary project data combined and organized together in the TSG file along with the spectral data. This means that spectral data can easily be analyzed in the context of your project geology and geochemistry, and contribute directly to understanding the alteration and mineralization relationships in the study area.



What you can accomplish with the TSG Pro geological software:

- Analyze small (<100) and very large (50,000+) spectral data sets.
- Turn thousands of spectra into mineralogical indices for plotting mineral characteristics (such as composition).
- Automate mineral interpretation with The Spectral Assistant® (TSA™) or the Aux Match function.
- Integrate spectrally-derived mineral data with imported geochemical and geological log data.
- Visualize and plot results down hole, as sections, maps or scatter plots.
- Import data from ENVI spectral libraries.
- The capacity to analyze and visualize the mineralogy of very large core-logging data sets.

TerraSpec/TSG Pro Starter Package

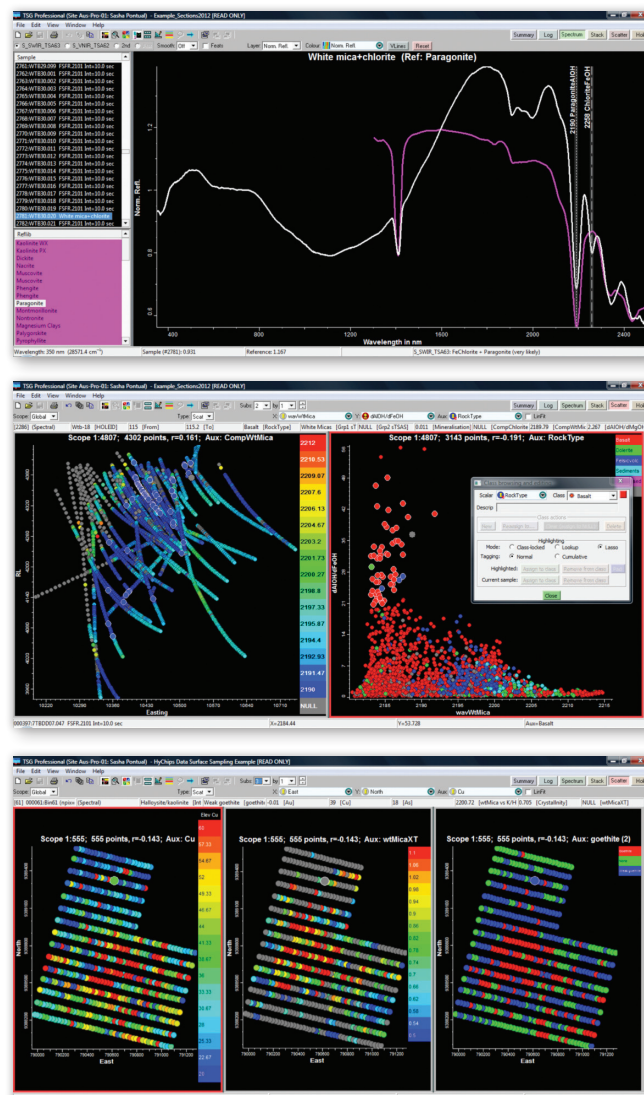
Get the TerraSpec/TSG Pro Starter Package today to enjoy high-powered, accurate and intuitive mineral analysis!

The TerraSpec/TSG Pro Starter Package includes:

- TSG Pro license with USB dongle
- Book: "Spectral Interpretation Field Manual" — a spectral library of a wide range of common minerals
- Book: "A Practical Applications Guide to using the TerraSpec in Exploration and Mining"
- Full technical support
- Introductory spectral analysis and TSG training (monthly webinars/training videos by AusSpec experts).

As users become more proficient in TSG, additional training packages are also available.

Existing TerraSpec instrument owners may also purchase the starter pack.



From Top:

1. TSG spectrum screen, with a reference spectrum of paragonite (in pink) overlaid on the project spectrum (in white). Two VLine labels have been set up using the VLine function to show the diagnostic absorptions of white mica (in this case paragonite) and chlorite.
2. TSG scatter screen with a spatial Easting vs Depth plot showing about 40 drill holes together with a scatter plot of two spectral indices calculated from the spectral data. Each circle represents a sample point. The Lasso function is illustrated here, where a cluster of sample points have been lassoed in the scatter plot and their spatial positions in the Easting vs Depth plot is highlighted.
3. TSG spectrum screen displaying a series of surface samples which were collected along a grid. Each circle represents a single sample. The three different plots have been colored by different sets of data, from the Cu mineralization (left), the white mica crystallinity (center) and the presence or absence of goethite (right).

For more information contact:

analytikLtd (UK and Ireland Distributor)

Barn B, 2 Cygnus Business Park, Middle Watch, Swavesey, Cambridge, CB24 4AA

T: +44 (0)870 991 4044 F: +44 (0)870 135 2488 E: info@analytik.co.uk www.analytik.co.uk



The Spectral Assistant and TSG are registered trademarks, and The Spectral Geologist and TSG Pro are trademarks of CSIRO, Australia. TSG Pro is developed and maintained by CSIRO, Australia's premier science research agency. Marketed and distributed under license by AusSpec International Ltd. ©1998 Commonwealth Scientific and Industrial Research Organisation (CSIRO)