TRUSCAN™

Innovative Onsite Core and Chip Scanning Technology

BOART LONGYEAR™

MAKE ACCURATE DECISIONS AT A LOWER COST

Utilizing innovative XRF technology specifically built to scan rock, TruScan™ is designed to provide same-day continuous analysis of drill core or chips and quickly provides non-destructive, accurate, high-density elemental concentration data. Boart Longyear utilizes TruScan™ for elemental and photo scanning of core and chips at the exploration site or in the core yard, providing geologists access to real-time geological data. Boart Longyear offers TruScan as an independent service to mining clients or the technology can be bundled as part of a drilling services agreement.

In addition, TruScan offers high-definition wet, dry, and close-up photos of the rock core or chip samples. This information as well as elemental concentrations can be quickly viewed by the geologist and aids in getting geological logging and interpretation right the first time which reduces the need to relog core or chips. More accurate conceptual geological models can be built while the drill is still on the borehole. Because the time to collect data is significantly reduced, exploration and mining companies can make accurate and timely decisions on where to drill next or to what depth. This, combined with reducing the number of assays required by using TruScan data for a more targeted approach to assay, leads to significantly lowering the cost of mineral exploration.

NO LONG-TERM ADDITIONAL STAFF ONSITE

TruScan is set up and calibrated by a qualified geochemist and designed to be operated by Boart Longyear drill crews, TruScan specialized technicians, or the mining client's technicians. When TruScan is operated by Boart Longyear's drill crew, it removes the long term need for additional staff onsite. No additional staff onsite both minimizes the cost to deploy this technology and keeps onsite environmental health and safety (EHS) related risk low. In addition, this technology is designed to fit into the normal workflow of Boart Longyear drill crews so there is no decrease in drilling productivity.

ANALYZE A WIDE RANGE OF ELEMENTS

TruScan analyzes drill core and chips for every element between Lithium and Uranium on the periodic table as well as other key features of rock including loss on ignition (LOI) and density. This provides an extensive range of elemental-related data far beyond

the information provided by traditional XRF technologies. TruScan scans continuously along the sample. Scan rates and averaging intervals are determined with the mining client at calibration. There is significant value in this data density which exposes geological heterogeneities not seen when using traditional destructive analytical methods that provide sparse data points from homogenized lab samples over a specific core length. Same-day TruScan data can be used by the geologist to log core more accurately, identify alteration zones, and determine where to sample and where not to sample for lab analysis.

To learn more, contact one of our TruScan geochemical experts today at info@boartlongyear.com or visit www.boartlongyear.com/truscan

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