



COMPANY CASE STUDY

Logging core 10 times faster

Goals

KORE Geosystems is a technology company supporting the global Mining and Metals industry. We provide mining professionals accurate and timely information allowing real-time consistent data modeling. Since introducing SPECTOR in 2018, the solution suite has been adopted by 5 of the 10 largest mining companies worldwide, on multiple sites.

Challenges

Current core shack logging processes are inconsistent, resulting in sub-par data quality and frequently requiring re-logging. Geologists spend many hours on collecting and recording data and less on actual interpretation and data modeling. Data is logged by multiple people, the end results being less consistent, and difficult to analyze and process with AI tools.

Solutions

SPECTOR is a visual core logging system that streamlines the entire workflow, making it faster, and more consistent, while enabling remote working. Our technology incorporates all your data, avoiding the risk of misclassifying your material and delaying crucial decision making.



When I first started this project, I was manually logging one hole per day. As I started using SPECTOR Geo, the automated lithology prediction feature enabled me to be more consistent and to classify the rock faster. After 2 weeks of, using SPECTOR Geo my efficiency has increased by 10X and I can log up to 3-4 holes per day. I am also able to work remotely, travel less, and I am happy to spend more time with my family.

OUR PRODUCT OFFERING: SPECTOR

SPECTOR OPTICS: IMAGING HARDWARE

SPECTOR OPTICS rapidly acquires high-resolution calibrated images optimized for automated interpretation.

SPECTOR GEO: VISUAL CORE LOGGING SOFTWARE

SPECTOR GEO is an intuitive visual core logging software, streamlining the classification of new and legacy imagery.

SPECTOR AI: MACHINE LEARNING MODEL

SPECTOR AI is a machine learning technology providing instant, consistent, automated core logging.

Steve Reese
Geologist