
KORE
GEOSYSTEMS
SUPPORTED BY
NEWMONT
GOLDCORP
"NAMES TO KNOW IN MINING"
CIM MAGAZINE
WINNER OF
#DISRUPTMINING
PRESENTED BY GOLDCORP
CO-HOSTED BY KPMG

OPTICS

An efficient, intuitive core imaging system that rapidly captures high-resolution images and uploads them to a secure cloud. Optics can scan at an average rate of 1,000m of core per day.

SPECTOR OPTICS

SPECTOR Optics empowers Geologists, allowing them to spend more time analysing core and less time doing slow, repetitive and mundane tasks. Geologists are highly trained and expensive, but currently spend 50% of their time entering data instead of analysing core. Optics frees their time and allows them to quickly and consistently digitise core for easier analysis, interpretation and management of data.

up to
40%

REDUCTION IN COST

Cost effective, efficient and intuitive, Optics is a high-resolution core imaging instrument, designed to effectively increase the speed at which core is analysed and stored.

Each image is acquired with a resolution of 100 micro-meters per pixel and at the rate of 1,000 meters of core per day.

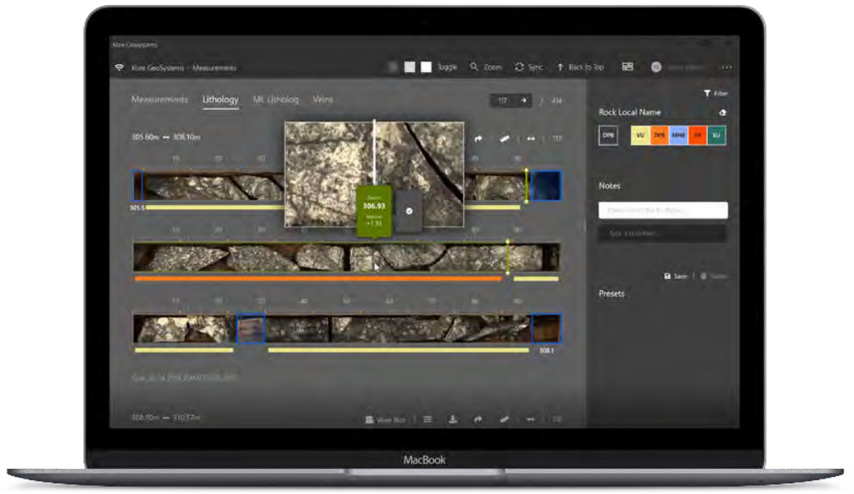
Optics provides ultra-clear and consistent imagery with the ability to accommodate a wide range of core box shapes and sizes.

GEO

Software designed for remote collaboration and intuitive core analysis. Depth reference core, log lithology, alteration and veins, as well as geotechnical features such as fractures and faults.

SPECTOR GEO

Analyse core like never before with SPECTOR Geo. Our innovative desktop software is a centralised hub for analysing data remotely and collaboratively. A simple yet versatile design introduces a new realm of functionality when logging or analysing digitised core, whether it be Hyperspectral, Geochem, XRF or RGB imagery, and allows users to import data directly into resource modelling software.



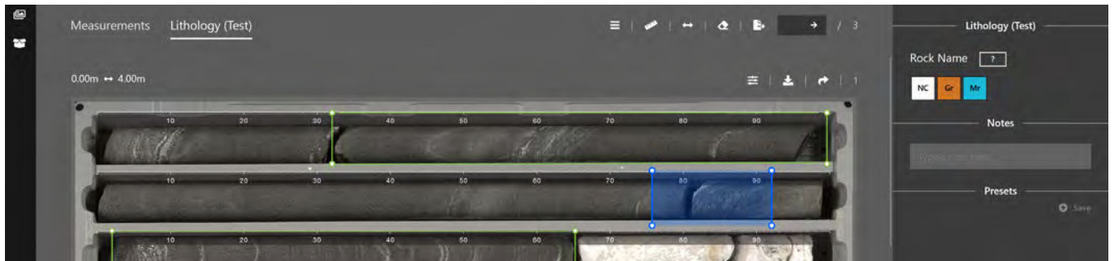
up to
50%

REDUCTION IN DATA ENTRY TIME

Make better, more-informed decisions, faster than ever. Thanks to simple, intuitive touch gestures and AI-powered auto-predictions, Geo is able to drastically speed up the logging process.

Geo enables Geologists to quickly depth reference their core, log lithology, alteration, and veins, as well as geotechnical features such as fractures and faults.

Eliminate manual notetaking completely and bring the team together with software that is built around remote collaboration.

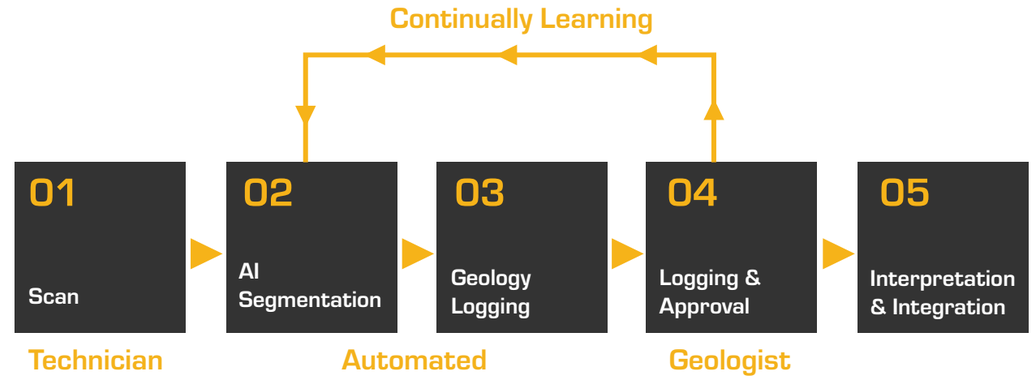


AI

Cloud-based Artificial Intelligence that aims to automate repetitive tasks. SPECTOR AI begins making predictions instantly from the cloud and directly on core images taken from SPECTOR Optics.

SPECTOR AI

SPECTOR AI is a suite of cloud-based Artificial Intelligence products that perform concurrent tasks, aiding in automation and streamlining repetitive tasks. SPECTOR AI can segment rock, classify lithology and alteration, detect veins and localise fractures. Once an image is scanned and uploaded to the cloud by Optics, SPECTOR AI begins making predictions, which can then be visualised, analysed and approved by the geology team within SPECTOR Geo



up to
90%

AUTOMATIC LITHOLOGY CLASSIFICATION ACCURACY

Supercharge your geology team with automated predictions, displayed directly on high-resolution images captured by SPECTOR Optics.

SPECTOR AI continually learns over time as more data is accumulated and corrections are made by the Geology team.

Highly accurate, adaptive and versatile, Artificial Intelligence assists by automatically highlighting issues, automating repetitive tasks and providing greater consistency. Revolutionise the traditional core shack with SPECTOR AI.

LEADING MINING INTO THE FUTURE.

KORE GEOSYSTEMS

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