VERACIO™
BY BOART LONGYEAR™

The Next Generation of Core Scanning

Rapid mineralogy, co-registered XRF, automated workflows and QAQC.
Scan by Veracio is next level geological knowledge, today.

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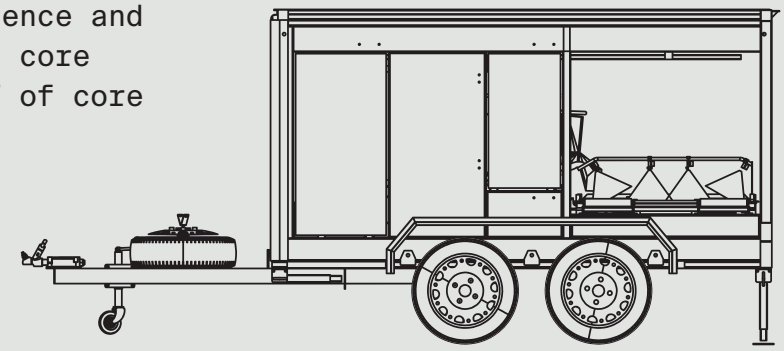
Next-level geological knowledge, Today

We've worked in core scanning since 2009 with all core founders still within the company. We're building on 15 years of experience and over 4 million meters in accumulated core scanned; the largest dataset for XRF of core logging in our industry.

Scan
BY VERACIO



Automated Capture of Core and Chip Data

A world-leading, automated + digital scanning platform for core and chip samples.
This means consistency of data between geos, and systems integration, directly from site.

Rapid Hyperspectral Mineralogy

Integrated VNIR-SWIR spectroscopy and cloud-based processing delivers key mineralogical data within 24-48 hours.

Co-registered with XRF Scanning

Co-registered with market leading in XRF geochemical scanning. Our patented process to capture the widest elemental range at the lowest detection limits available.

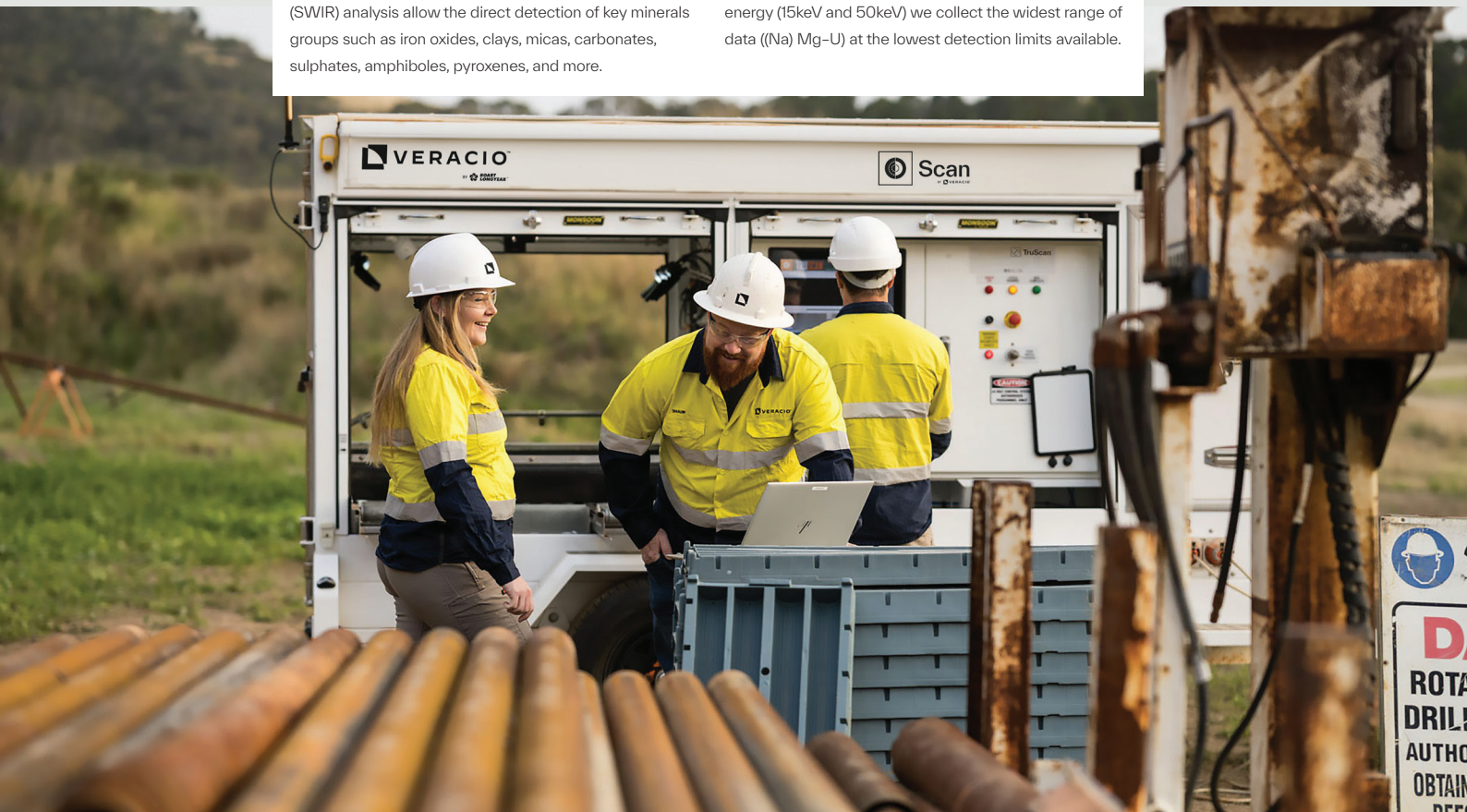
HyperXRF

HYPERSPECTRAL DATA

Visible to Near InfraRed (VNIR) and Short-Wave InfraRed (SWIR) analysis allow the direct detection of key minerals groups such as iron oxides, clays, micas, carbonates, sulphates, amphiboles, pyroxenes, and more.

MARKET-LEADING XRF DATA

Using continuous scanning and multiple phases of energy (15keV and 50keV) we collect the widest range of data ((Na) Mg-U) at the lowest detection limits available.



Mineralogy + Geochemistry in 24 Hours

Our cutting-edge HyperXRF scanning technology revolutionizes the way you analyze and identify materials, providing fast and precise results.

The XRF and hyperspectral sensors sample data along the same scan path, allowing for the accurate measurement of continuous mineralogy and elemental geochemistry from the same location on core or chips.

Sensor fusion captures co-registered data

Giving geologists multiples data streams binned in the same intervals to analyze at a scale useful and reliable for drill-out campaigns and resource definition.

Designed by geologists, for geologists

Bringing together leading minds from around the industry, HyperXRF is specifically designed to solve the most discreet challenges faced by our clients; data fidelity, data speed and data quality.

24 hour geochemical + mineralogical results

3mm wide continuous scan binned in 100mm averaging intervals collects enough volume of data to enable decisions on the day of drilling.

With a Semi-automated QA/QC process

Utilising both AI and geoscientific review, the data is processed and quality assured within the 24-hour turnaround window.

ENABLE BETTER DECISIONS

With ore zone alerts and custom integrations allowing teams to make optimise productivity from drill campaign to production environments

WITH TIMELY DATA

Geochemistry, high-resolution photos, lithology, structure and assistive logging in time for the next shift.

OPTIMISED FOR AI

Captured consistently and structured to be leveraged by man and machine, unlocking the future of orebody knowledge

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FEATURING HyperXRF™