



You're invited...

CLIENT PRESENTATION DAY

Discover the latest innovations from ALS and TERRACORE at our client presentation day.

Introducing new hyperspectral core imaging services to Australia.

In line with our commitment to remain at the forefront of technical innovation to aid the exploration and mining sectors, ALS is proud to present an exciting range of new services to our valued clients.

Maximise Value + Lower Detection Limits + Leading Data Review System

The latest innovations from ALS focus on maximising the value gained from every sample taken. This is achieved through offering more element data at lower detection limits than ever before, through providing access to cutting edge Hyperspectral core imaging services, and through industry leading data review systems, unlike any others.

Guest presenters -



Event details

Date: Wednesday 1 July
79 Distinction Road, Wangara, WA, 6065

RSVP - Monday 29 June
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Hyperspectral core imaging and logging services

Introducing TerraCore – utilising the most advanced core imaging hardware, industry leading analytical and distribution software, and interpretation by the world's leading spectral geologists. TerraCore's goal is the application of hyperspectral imaging to provide custom solutions that address client requirements, whether those be geological, geomettallurgical or mining related.

TerraCore seeks to increasingly automate the mineral identification and interpretation process, providing reliable results that are rapidly available, and easily stored and shared. TerraCore provides a full suite of services including acquisition, processing, data interpretation, modelling and consulting.

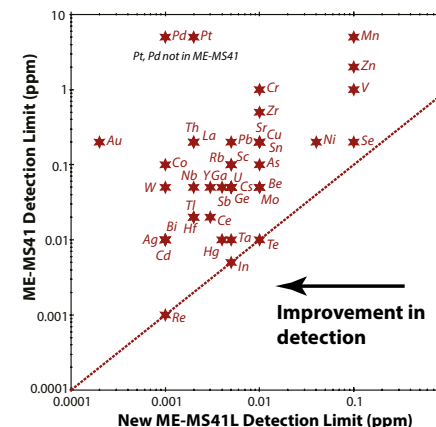
The Core Image Spectrometer™ (CIS) hyperspectral image data across the full width of the geological sample, coupled to a colour linescanner that provides unparalleled true colour imagery at very high spatial resolution. The CIS is capable of imaging one drill core box, or ~300 meters of RC chip trays, per minute with a spatial resolution of ~1.0 mm, and a spectral resolution of ~5nm, capturing hundreds of thousands of individual pixels per image that each contain full spectral data spanning the visible, near-infrared and short-wave-infrared regions.



The unique full imaging capabilities of the CIS provide enormous flexibility when imaging various types and sizes of geological samples, core boxes, and chip trays; and the full spectral imaging capability provides complete semi-quantitative mineral abundances. Products include a full range of rich imagery, including colour, spectral, and mineral distribution images as well as a database (at a customisable interval) of spectral and mineralogical information that can be imported directly into 3-D modelling packages. TerraCore takes data quality seriously, and the entire process is verified via several QA/QC steps that are reviewed by our expert spectral geologists.

Geochemistry with the lowest detection limits

ALS offers the lowest detection limits on geochemical methods in the industry and has recently extended this unique offering even further. Our new four acid digestion method, ME-MS6L, offers up to 60 elements with detection limits as low as 2ppb. Our aqua regia digestion method ME-MS41L offers many detection limits as low as 1ppb. The Super Trace detection limits offered by these methods provide an unprecedented opportunity to maximise anomaly identification in regional soil programs. The range of elements available in the four acid digest method, ME-MS61L, including rock forming elements, provides a full chemical identification of the sample to understand the lithology and trace element composition in one analytical package.



Accessible and integrated data

All of this data is accessible through our world class client interface application, Webtrieve™, now with CoreViewer™. Bringing the wide variety of exploration data in different formats together for fast visualisation and interpretation can be time consuming and difficult to achieve. ALS CoreViewer™ is the ideal platform to combine core photographs, geochemical data, downhole physical measurements and mineralogical parameters together in an intuitive, attractive interface for online collaboration inside your company. ALS CoreViewer™ can be directly accessed from inside major 3D deposit modelling programs including Micromine, Leapfrog®, and Maptek Vulcan™.

ALS will be holding a client presentation session to showcase these latest innovations on Wednesday, July 1. We welcome all our valued clients and other interested exploration professionals to attend this session and learn more about these exciting new methods.



Example of Hyperspectral data integration with core images.



Integrating Spectral Data into Deposit Modeling