

Where is the Juice?

## Juice Up your exploration campaign with large mass multi-element assays at MSALABS

**Multi-element geochemical analyses offer a wealth of information that is relevant to the entire commodity cycle and go far beyond information about potential grade.**

From an exploration perspective, pathfinder elements associated with a deposit are often better indicators of mineralisation than the commodity itself. Information about deleterious or penalty elements can also prove valuable at the exploration stage allowing you to walk away from projects with expensive environmental or processing liabilities.



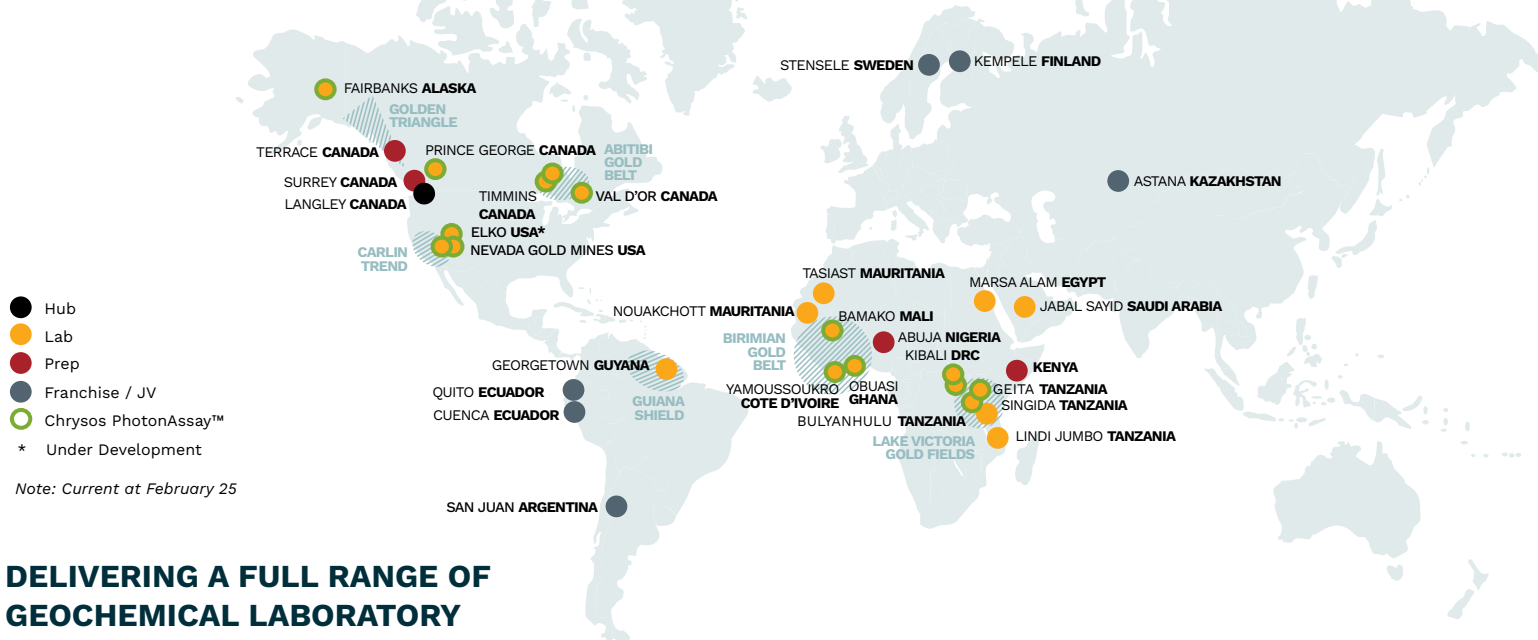
From an economic perspective, credit elements other than primary commodity can make or break the financial viability of a project making a comprehensive chemical analysis critical for project valuation. For many deposit types, gold (Au) is the element with the biggest potential to add value, but it comes with analytical challenges not well suited to the standard 0.5g sample size used in many multi-element packages. MSALABS therefore offers 20g and 40g large mass Aqua Regia digestions that offer the value and flexibility of traditional multi-element determinations with improved reproducibility for heterogeneously distributed elements like gold.

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**From base metals,  
to volatile elements,  
MSALABS has a package  
to meet the needs of any  
exploration project.**

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## DELIVERING A FULL RANGE OF GEOCHEMICAL LABORATORY SERVICES GLOBALLY

### EXTENSIVE RANGE OF SERVICES

- PhotonAssay™ Analysis (Gold, Silver and Copper\*)
- Sample preparation, storage and disposal
- Precious metals by Fire Assay
- Multi-element packages - Basic, Trace, Ultra-trace
- Fusion, ICP-OES and ICP-MS
- XRF
- Specialty Assay
- Biogeochemistry and Hydrogeochemistry
- Metallurgical Samples Analysis and Services
- Mineralogical Services

\* Copper assay only available in select locations and is not currently available in Canada

### STRINGENT QUALITY STANDARDS

Our company maintains the highest quality standards and follows the guidelines of ISO17025 accreditation and ISO9001, ISO14001 and ISO45001 certification. Certificates are available for download from our website.

Additionally, we participate in CDN Labs, Geostats, PTP-MAL, and Rockslabs Proficiency Testing Schemes (PTS), among others.

### EXPERTISE IN SITE-BASED LABORATORY MANAGEMENT

We have extensive laboratory design, construction and management experience in a range of countries.

We implement a complete set of systems, training, software and procedures enabling ISO certification and complete regular audits.

Our laboratories are managed by experienced, highly qualified staff, who undertake regular training.

### BROAD RANGE OF COMMODITIES

We operate across a broad range of commodities.

- Gold
- Silver
- Platinum Group Metals
- Copper
- Rare Earth Elements
- Cobalt
- Lithium
- Lead
- Zinc

### TIER 1 CLIENTS



EVERY SAMPLE **SAFELY** MEASURED  
EVERY RESULT **RELIABLY** DELIVERED

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