

How to improve your results  
turn-around-time

## Simple recommendations to save valuable time in the sample reception and preparation.



**At MSALABS we understand how vital your results are to support critical decision making. We have prepared a list of simple recommendations to save valuable time in the sample reception and preparation stages at the laboratory which helps improve your results turn-around-time.**

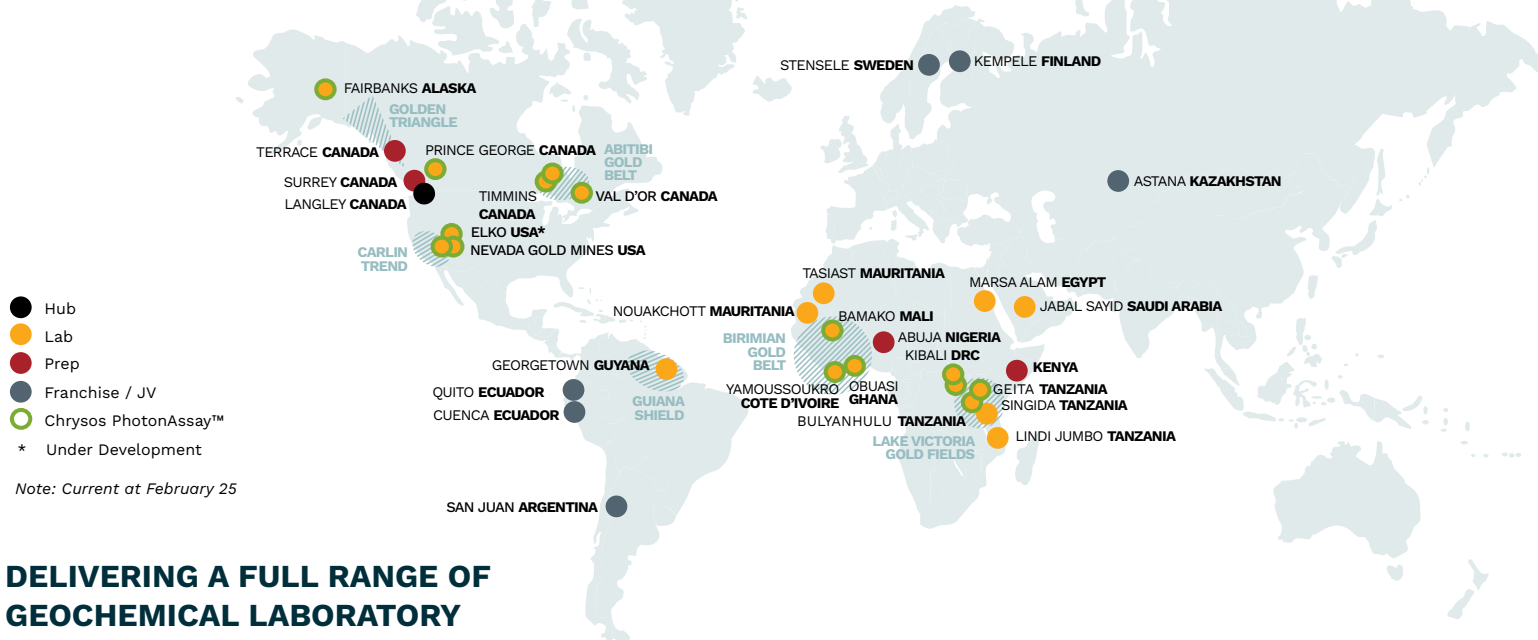
### **SAMPLING IN THE FIELD**

- Make sure that sampling is performed by an experienced technician
- Remove jewelry to avoid possible contamination of samples
- Mark samples clearly with indelible ink on plastic or calico bags
- Ensure that sample bags are sealed to avoid cross contamination
- Make use of waterproof sample tags, available from the laboratory
- For blind certified reference materials, use pre-sealed sachets to avoid contamination or moisture
- Separate out soils and sediments from rocks and core; submit them as separate jobs
- Wet soil samples damage paper packaging and leak out of cloth bags, leading to leakage and potential contamination - submit soil samples in water proof bags or containers to protect their integrity.

### **COMMUNICATION WITH THE LABORATORY**

- Give the laboratory advance notice if you require sample tags
- Inform the laboratory of any geological red flags, such as high-grade material or sulphide containing samples
- Obtain access to LIMS for your relevant staff for online tracking of samples through the laboratory
- Make sure that your shipment arrives with a sample submission form that is clearly filled in with all relevant information. Email an additional electronic copy to your account representative
- Provide the laboratory with a list of sample ID's in excel - see the template on our website to guide you
- If uncertain of sample preparation and/or analytical methods, please contact us immediately.





## 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

[contact@msalabs.com](mailto:contact@msalabs.com)  
[msalabs.com](https://msalabs.com)

