

# EXPLORATION SERVICES IN COCHRANE, CANADA

## HARD ROCK MINING SECTOR

SGS Minerals Services offers a wide range of services including geochemical analysis, resource calculation, mineralogy, metallurgy, advanced systems, water treatment and trade services. This geochemical laboratory in Cochrane is strategically located to service the growing needs of the exploration industry in North Eastern Ontario and North Western Quebec. The Cochrane laboratory facility will be integrated with our unmatched geochemistry laboratory network in Canada and over 50 commercial laboratories globally, many of which have been successfully audited to the ISO/IEC 17025 standard. All our labs use the same global testing methods, analytical codes, and sampling preparation techniques to ensure uniform excellence for you.

## SAMPLE PREPARATION

The Cochrane sample preparation facility has been equipped with state-of-the-art preparation equipment from Rocklabs and features Rocklabs' automated rotary sample divider for all sample splitting as well as the Mill Magazine automated pulverizing system.

## GEOCHEMICAL ANALYSIS

The Cochrane laboratory provides a variety of services to meet your testing requirements. Our staff maintain high standards of quality and procedural excellence to ensure your data is accurate, repeatable and timely.

### SERVICES

Cochrane's on-site analytical capabilities include:

- Multipour fire assay for gold (FAI313, FAI515, FAA313, FAA515)
- Carbon and sulphur analysis (CSB03V, CSA06V, CSA09V, CSD06V, CSA08V, CSA07V, CSB02V)



*Fire Assay multi-pour*

- Trace metal analysis (ICP14B)
- Many other analyses are available through the SGS laboratory network
- Gateway to SGS' expertise in sampling, resource assessment, geometallurgy and metallurgy

### EQUIPMENT

We use state-of-the-art equipment including:

- Multi-pour fire assay
- Rocklabs Boyd RSD Combo crusher and automatic rotary sample divider
- Rocklabs Mill Magazine automated pulverizer with capacity up to 1.0 kgs
- PerkinElmer Optima 7300DV Concentric Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES)
- Agilent 240FS Atomic Absorption Spectrometers (AAS)
- FLS ESSA LM2 pulverizing mills with pulverizing capacity up to 1.5 kgs
- LECO induction furnace with infrared detectors
- Coulometer

**NEW!**

## MMI CAPABILITIES

The Cochrane facility can coordinate shipping your MMI™ soil samples to our Toronto laboratory for analysis. During MMI analysis, the metal ion concentrations are measured at the parts per billion level and this can produce very sharp responses (anomalies) directly over mineralized orebodies at depth.

**SGS**

## ON-SITE AND MOBILE LABORATORIES

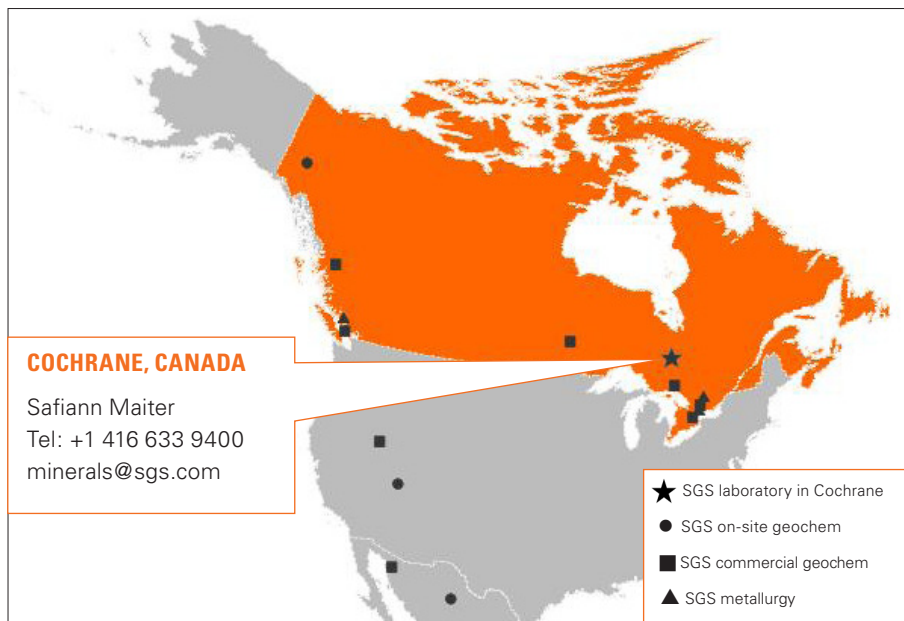
SGS has unparalleled expertise in the geochemical industry with over 140 commercial, on-site and mobile laboratories in operation. An SGS-designed, staffed and operated on-site laboratory will ensure that you have a full scope of capabilities for fast turn-around of accurate, reliable data.

SGS also offers mobile sample preparation units (MSPU), allowing you to access trusted, third party sample preparation services in remote locations that might not otherwise support laboratory facilities. SGS MSPU laboratories are safe, efficient, well staffed and operationally stable, giving you a competitive edge.

## OUR COMMITMENT TO QUALITY

SGS Minerals Services is committed to satisfying your needs by providing geochemical analysis of the appropriate quality in a timely fashion. Our quality management objectives at SGS Minerals Services require us to provide you with excellent service by:

- Identifying and applying the most appropriate quality tools to measure our performance and the quality of our results.
- Continuously improving our performance to maximize our business success.
- Creating a work environment that encourages quality, customer service, and individual and group excellence.
- Continuously striving to eliminate problems which cause shortcomings in our service delivery.



## OUR COMMITMENT TO YOU

SGS Minerals Services is the unparalleled market leader in supplying chemical analysis to the mining industry. We are committed to providing you with fit-for-purpose geochemical analysis designed to match your precision and accuracy requirements.

SGS Minerals Services has the locations, technical strength, independence, consistency and ethical compliance you need. Our Cochrane laboratory is staffed with experienced professionals who can help you determine the optimum analytical package for your needs. Using state-of-the-art equipment and consistent, industry-leading methodologies, our staff will provide you with unmatched geochemical results that you can rely on.



*Sample preparation*

### CONTACT INFORMATION

Email us at [minerals@sgs.com](mailto:minerals@sgs.com)  
[www.sgs.com/mining](http://www.sgs.com/mining)

WHEN YOU NEED TO BE SURE

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