

Field Analytical Services and Testing

Trusted.
Independent.
Committed.

The SGS logo is located in the bottom right corner of the image. It consists of the letters 'SGS' in a bold, white, sans-serif font, with a thin orange vertical line to the right of the letters. The background of the entire image is a photograph of a laboratory or field testing setup. In the foreground, there are several rows of small, clear plastic bags filled with a brown, granular material, likely soil or sediment. Each bag has a white label with a handwritten identification number. To the right of the bags, there is a yellow handheld device with a screen displaying a 'Remote Connection' interface. A black camera or sensor is mounted on top of the device, pointing towards the bags. The background shows a wooden table and a black piece of equipment, possibly a spectrometer or analyzer, with various cables and components.

SGS Field Analytical Services and Testing (FAST) increases mining productivity, performance and profitability.



Mining is an incredibly resource-intensive endeavor, making it important for the owner and operator to get it right. By integrating real-time, field-generated data, you'll gain critical insights for rapid effective decision-making – helping you maximize the value of your mining projects and investments.

Our team provides detailed insights throughout the exploration, resource definition and production phases. Leverage these insights to make accurate, timely decisions. Boost the integrity of your mining operations, satisfy stakeholders, and get funding for your projects.

Gain critical insights for precious, base and critical minerals

Our clients operate across all geographies and commodity types, giving us the knowledge and resources to solve your challenges. Whether you're mining base metals like iron, copper and nickel, precious metals including gold, silver and platinum, or critical and battery materials such as lithium or cobalt, SGS FAST covers them all.

We provide tailored solutions based on our clients' needs and use a suite of state-of-the-art technologies to deliver insight and improve the speed of your decision making. This will make you stand out from your peers.

With SGS FAST, you can obtain information in the field which supports your ability to make decisions and advance your mining projects, saving you both time and money.

FAST technologies are ideal for application in our Mobile Sample Preparation Units (MSPU) to minimize turnaround times.

In-field technologies

We understand that our clients need agility and flexibility without sacrificing quality. Our portable technologies are all calibrated to ensure matrix matching and adhere to strict QA/QC protocols. Our LIMS system is integrated into our process, giving clients access to information at all times.



SGS FAST FOURIER TRANSFORM IR (FTIR)

Identification and quantification of a wide range of minerals and elements.



SGS FAST PORTABLE XRF (pXRF)

Our custom calibrations provide accurate elemental quantification.



SGS FAST MACHINE LEARNING

SGS converts analytical data into actionable insights.

Enhance your mining operations and reduce project delays

By using a combination of in-field, on-site, commercial laboratory and trade services, we ensure the accuracy of your results, optimize turnaround times and give you the competitive advantage.

SGS FAST solutions provide you with quick turnaround of essential analytical data and insights – meaning you'll always be fully informed and completely up to date.

Contact Us

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WHEN YOU NEED TO BE SURE

SGS