



Reduce your mine site laboratory costs and increase operational efficiency.

Expertise in sample processing, laboratory efficiency, economies of scale and a global network – present at your mine site.

ALS experience in successfully delivering 21st century onsite and online solutions for mine site testing saves costs and adds value. The ALS onsite solution allows miners to focus on mining and milling, while we focus on delivering high quality, on-time, cost effective analyses.

Right Solutions come from the Right Partner.

Ask us how at ALS.

www.alsglobal.com/mine-site

Onsite mine and process support laboratories

- > Design and build new mine site laboratories
- > Expand, debottleneck, optimise and/or upgrade existing mine site laboratories
- > Mobile containerised laboratory facilities for both sample preparation and analysis
- > Expand mobile containerised facilities into full service analytical laboratories
- > Operate, manage and maintain mine site laboratories – new and existing
- > Full operational responsibility, including technical management, staffing and maintenance
- > In-house engineering, project management, design, construct and fit-out team
- > Laboratory equipment supply and install
- > Inventory management (consumables, purchasing)
- > Health, safety and environmental compliance
- > Quality management systems and technical oversight
- > Training, consulting and onsite support
- > Laboratory audits
- > Secure Data Management – LIMS, Webtrieve™, Core Viewer™, 3D mine planning integration
- > Grade control analysis
- > Exploration analysis
- > Metallurgical process plant control analysis
- > Sample collection
- > Sample preparation
- > Instrumentation (AAS, XRF, ICP-AES/MS)
- > LOI/TGA
- > Fire Assay – AAS, ICP, gravimetric finish
- > Screen fire assay for particulate gold analysis
- > Aqua Regia Acid Digest – AAS, ICP finish
- > BLEG, LeachWELL™
- > Classical chemistry
- > Carbon and sulphur analysis
- > Bullion analysis
- > Davis tube recovery
- > Moisture analysis
- > Bulk density, specific gravity
- > Particle size distributions

Auxiliary supporting analytical testing services include

- > Metallurgical testwork for process optimisation
- > Advanced mineralogy technologies
- > Commercial settlement analyses through inspection of concentrate, cathode or bullion
- > Port site sampling, sampling preparation and analytical services
- > Environmental analysis for water, soil, tailings
- > Oil condition monitoring on the mining fleet

Start reducing your mine site laboratory costs today
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ALS Mine Site (Global Head Office)

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RIGHT SOLUTIONS | RIGHT PARTNER



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