



## ALS Awarded On-Site Mine Support Laboratory Contract for Cobre Las Cruces Mine in Spain.



ALS has been awarded a five year operational contract for the on-site mine support laboratory at the Cobre Las Cruces mine in Spain. ALS Cobre Las Cruces joins the rapidly growing number of on-site ALS mine support laboratories.

Owned by First Quantum Minerals Ltd, one of the world's leading copper producers, the Cobre Las Cruces mine is an open pit operation and metallurgical plant located in the Sevilla Province of Southern Spain. The mine uses leaching and electrowinning technology to produce copper cathode which is shipped as final product.

Operating 24/7, the ALS Cobre Las Cruces laboratory is staffed to process samples from the mining operations and metallurgical plant including process waters. Following sample preparation, the primary method for total copper determination at the laboratory is the ME-ICPORE method which uses a highly oxidizing attack designed for sulphides and massive sulphides. Sequential copper leaches are also performed as are a large number of analyses on organic and aqueous solutions from the SX-EW plant. Copper cathode analyses are also conducted.

ALS has successfully rolled out industry leading Global Enterprise Management System (GEMS), providing approved First Quantum Minerals staff with web access into the laboratory, to check the status of samples, download partial data and review QC data all on line, from anywhere in the world.

ALS has the in-house expertise to design, install, commission, operate and staff on a turnkey basis dedicated on-site or near site commercial mine support laboratory facilities anywhere in the world.

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

On-site laboratory contracts in remote client hosted environments reflect a commitment by ALS to continually deliver best-in-class Service, Quality, Deliverables and Technical Leadership...it's the ALS way. As a result, ALS is fast growing its reputation in on-site mine and process support laboratories as a commercially competitive and technical alternative with industry leading, unique value adds to incumbent service providers in this market.



ALS is the leading full-service provider of testing services for the global mining industry in four key service areas: Geochemistry, Metallurgy, Mine Site Laboratories and Inspection with a range of resource cycle support services: Environmental, Asset Care and Tribology.

**Expertise in sample processing, laboratory efficiency, economies of scale and a global network – present at Cobre Las Cruces.**

**To discuss how ALS can reduce your mine site laboratory costs and increase operational efficiency contact us;**

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