

Technical Service

Mining Advisory



SLR's Mining Advisory Group is an international mining advisory business who have provided expertise and advice to clients on projects and operations all around the globe. Our services extend through the lifecycle of projects from exploration to closure:

- value creation from exploration programs, resource estimation, early-stage engineering studies, and preliminary environment/social assessments
- value recognition through reserve development, operation, and closure and rehabilitation, including transactional support and decision making.

"A multidisciplinary approach for all stages of the mine life cycle"

Our team of specialists advise banks (both debt and equity), institutional investors, governments, major mining companies, exploration and development firms, law firms, individual investors, and private equity ventures.

How can we help?

SLR's Mining Advisory team have extensive experience in all commodities and mining areas of the world.

Our core professional staff includes Geologists, Mining Engineers, Metallurgists, Geotechnical Engineers, and Tailings Specialists with extensive experience in the mining and exploration industries.

With in-house access to a range of Environmental, Social and Governance expertise, as well as Hydrologists, Groundwater Practitioners, and Geochemists, we can address the full range of ESG issues including climate change.

Our Services:

- **Mineral Resource & Mineral Reserve estimates and audits**
- **Mining Design and Optimization**
- **Metallurgical Assessment & Process Review**
- **Scoping, Pre-feasibility, & Feasibility Studies**
- **Independent Engineer Services for financial institutions and private equity**
- **M&A Due Diligence Reviews of mining and exploration projects**
- **Expert Witness Services**
- **Mineral Property Valuation Services**
- **Reporting for public disclosure, including NI 43-101 Technical Reports, Competent Person Reports, SEC S-K1300 Technical Report Summaries**
- **Strategic planning and advice for boards and senior management**

Discover more at
www.slrconsulting.com

global leaders in **environmental**
and **advisory** solutions

Mining Advisory

Mineral Resource & Mineral Reserve Appraisal

SLR has extensive experience in estimating, auditing and reviewing Mineral Resources and Mineral Reserves. We develop 3D geological models in all major softwares, focusing on litho-structural, geo-metallurgical, alteration, and mineralization interdependencies. Mine optimization work points to an operating scenario for a resource, or can be the starting point for mine design and Mineral Reserve estimation. Our senior peer review procedures ensure that key project characteristics and risks are addressed in the modelling phase.

Independent Engineer

SLR acts as Independent Engineer for debt and equity financing of mining projects. In this role we work cooperatively with, and in support of, the Project Sponsor's design and engineering team and provide the Project Lenders with independent review and opinion on the project as it advances through construction, into production and through the life of the loan.

Due Diligence

SLR carries out independent technical due diligence reviews in support of mergers & acquisitions and debt & equity financings. Due diligence reports provide opinions on the technical aspects of the target mining project, including the overall project design and performance forecasts, as well as specific discussion of key project risks and opportunities. Due diligence reviews examine the project's technical, cost, and environmental, social and governance aspects. Overall project performance forecasts are reviewed and benchmarked against similar operations.

Areas of Focus

- Collaborative team approach
- MRMR Classification according to all major international reporting codes and standards
- QA/QC audits and reporting
- Proficient in resource modelling and mining software
- Compliant report writing

- Initially, identify, prioritise, and quantify the key risks, and propose mitigation
- Monitor the key milestones of Project construction
- Regular site visit observations to identify any new issues and provide progress reporting

- Compare project design with similar operations
- Technical risk identification, quantification, and mitigation
- Identification of upside opportunities

Our Experts

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