

Latin America

Since 1984, CSA Global's consultants have worked on a diverse range of projects in Latin America. Since the opening of our Vancouver office in 2012, CSA Global has been able to provide more localised exploration solutions and geoscientific advice across commodities such as gold, silver, copper, nickel, platinum group elements (PGE), zinc and lead among others.

With regional knowledge and extensive in-house experience, we cover all stages of the exploration and mining cycle from exploration and evaluation through to due diligence and NI 43-101 Technical Reports. Our local team is supported by a global network of experts from our offices in Perth, Darwin, Brisbane, Adelaide, Jakarta, Johannesburg and Horsham in the UK; across the range of resource industry practices and commodities.

This strategic network of offices and associates provides our clients with the ability for us to run all aspects of their project from exploration to extraction as well as around the clock project support.

Recent Projects

NATION	PROJECT	COMMODITY	WORK COMPLETED	
	Argentina	Santa Ines	Copper	Exploration management.
	Brazil	Carajas Mineral Province	Gold, copper	Mineral Resource estimation and optimisation.
		Confidential	Manganese	Exploration due diligence – license review.
		Mirabela	Nickel, cobalt, copper	Independent geologist report.
		Itapicaru Norte, Cristais, Silvina	Gold	Valuation.
	Colombia	Confidential	Gold	Exploration support to Mineral Resource estimation, database review and validation.
		Mazo Cruz	Copper, gold	NI43-101 Technical Report.
	Chile	Paguanta	Zinc, lead, silver	Mining study, field evaluation of exploration and resources.
		Confidential	Copper	Due diligence.
		El Quillay	Copper	Supervision of exploration and resources assessment.
		Joshua	Copper	Portable XRF soil survey.
		Picachios	Copper	Project review.
	Guatemala	Los Cuchumatanes	Zinc, lead	Desktop, site and regional targeting reviews.
	Mexico	El Pilar	Copper	Site visit and project review.
		Las Fortunas	Barite	Project review.
		San Jose	Silver, lead, zinc	Site visit to review current drilling, sampling and data collection procedures prior to updating the Mineral Resource estimation. Preparation of a Canadian Institute of Mining (CIM) compliant Mineral Resource estimation update and preparation of an update for NI43-101 Technical Report, database management.
		Sierra Mojada	Zinc, silver	Geological and targeting assessment, incorporating a program of geological mapping and interpretation.
		Tuligtic	Silver, gold	Mapping and targeting study.
		Universo, San Luis Potosi	Gold	Review of regional soil geochemical survey.
	Peru	Mazo Cruz	Gold, silver	Exploration due diligence – license review.
		Confidential	Gold	Due diligence for project acquisition.
		Rasuhuilca	Gold	Site evaluation and independent geologist report.
		Various	Gold, copper	Geological review of multiple projects.
	Suriname	Lely Mountains	Gold	Geotechnical, geophysical and geological support. Drill program planning.
	Uruguay	San Gregorio	Gold	Site visit and review of grade control systems at the San Gregorio, Zapucay and Crucera mining operations.



Resource
Industry
Consultants

CSA Global draw on our collective experience to customise exploration and mining solutions to each client's requirements. Our advice and services are tailored to respond to the individual advantages and constraints of each geographical region. This method helps us to provide a holistic approach to operating within the Americas.

We have worked with all sizes of companies from small businesses to international majors, also with governments, communities and NGOs. We make it our business to get to know and understand the region's cultural diversity, political background, workforce and technical capability. Our offices in Australia, UK, Africa and Canada as well as our associations in the Americas are ideal regional hubs which provide around the clock support to our consultants who have been servicing projects in the Americas for three decades.

About CSA Global

We are a leading geological, mining and management consulting company with 30 years experience in the international mining industry. We cover all stages of the exploration and mining cycle, all mineral commodities, all extraction methods, across all regions:

EXPLORATION

- Mineral systems targeting & project generation
- Remote sensing & geophysics
- Geochemistry (traditional & non-destructive methods)
- Mapping & field investigations
- Drill program planning & supervision
- Exploration strategy & project management

MINING

- Mining & engineering studies (concept to feasibility)
- Reserve assessment reviews
- Mine optimisation, scheduling & design
- Ore Reserve estimation & reporting
- Grade control & reconciliation
- Productivity improvement & project management

CORPORATE

- Project reviews
- Due diligence
- Expert valuations
- Independent reports
- Geo-corporate advice
- Secure information hosting (Spring portals & data rooms)

RESOURCES

- Review of data collection techniques & QAQC of data
- Geological & geo-metallurgical modelling
- Geostatistical analysis & variography
- Mineral Resource estimation, validation & classification
- Resource reporting in accordance with international codes
- Resource audits & risk analysis

DATA

- Sourcing, capture, validation & QAQC of data
- Database design, setup, management & hosting
- Cartography, GIS & web-mapping
- Production databases & management tools
- Online information management systems (Spring portals & data rooms)
- IT support, systems administration & training

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