

CSA Global

Resource Industry Consultants



CSA Global is a geological, mining and management consulting company providing strategic mining services and advice to companies in the international mining industry. We have 30 years international experience in most mineral commodities, with offices located in Perth, Adelaide, Darwin, Brisbane, Jakarta, Horsham, Johannesburg, Vancouver and Moscow. The diversity of our services provides successful solutions for client needs and ensures an innovative approach to all our projects.



CSA Global offers its customers a uniquely integrated and comprehensive service that includes exploration management, resource definition drilling and sampling, data management, geographic information services, resource estimation, processing method selection, strategic mine planning, open cut optimisation, open cut design, underground mine design and production scheduling.

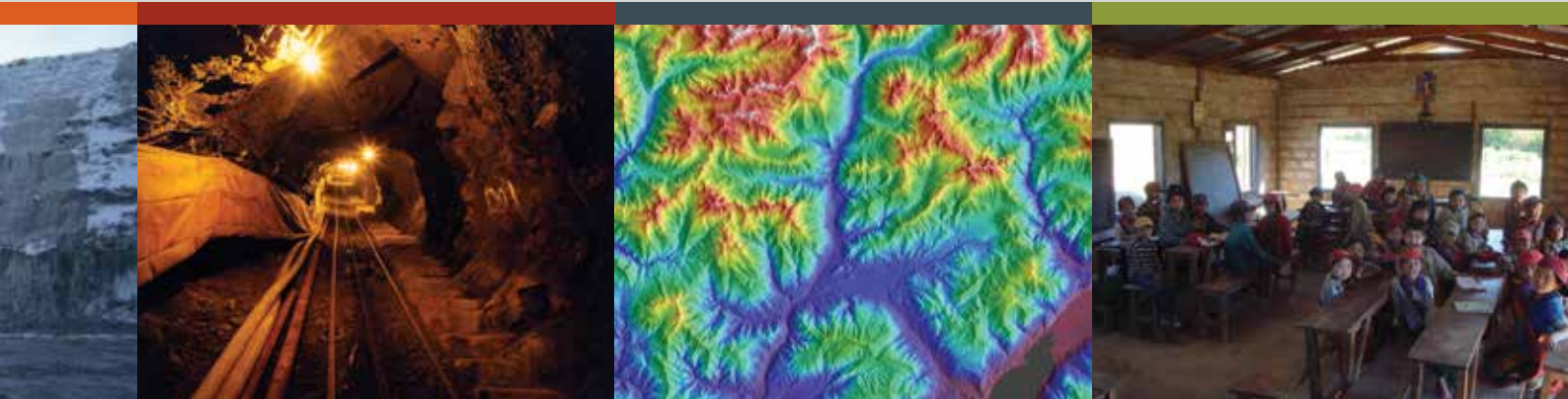
We have developed associations with expert and experienced professionals in the geotechnical, geophysical, hydrogeological and environmental management disciplines to provide a completely integrated and cost effective service.

Exploration & Evaluation

CSA Global's Exploration & Evaluation division offers experienced personnel, expert techniques and up to date technologies that provide a focused pathway to discovery and definition of your next mineral resource. Our exploration and project management expertise can take your property from concept to prospect and, with the help of our Resource & Mining divisions, on to deposit and working mine.

We can provide expert advice, project audit, and staff mentoring at any stage of the exploration and evaluation cycle from project generation through to reserve definition. Given our depth of experience we can supply a complete exploration management service comprising planning, supervision, data collection, management & reporting. Or if you just require boots on the ground we can supply contract staff to assist your team.

We have worked with all sized companies from junior explorers through to international majors and our depth of knowledge and experience enables us to tailor a genuinely



value-adding solution for each client's needs, whether first pass drilling or technical due diligence of an operating mine. Our consultants are industry leaders and can provide unique insights on the best way to develop your project, or to assess opportunities for project acquisition.

Resources & Mining Geology

CSA Global's Resources and Mining Geology division comprise a balanced mix of experienced operational personnel and experts in the fields of QA/QC, geostatistics, resource modelling and mine design. We take a "hands on" approach to assessing our client's projects to ensure that mineral resources and ore reserves are based on a thorough geological understanding and current industry best practices.

CSA Global are experts at profiling the risks and profitability in ore reserve estimates. Our understanding of mining techniques and mineral economics has been cultivated from many years experience servicing the mining community. CSA Global's optimum mine designs and plans are based on sound geological knowledge and leading edge engineering techniques.

CSA Global have extensive experience in the evaluation, development and mining of a wide variety of mineral deposits and we understand how important it is to get it right the first time.

Mining & Projects

CSA Global's Mining & Projects team recognizes that the project concept is the foundation on which not only the detailed technical studies but also the future success of a project is built. CSA employs many experts with wide and varied international experience gained in senior operations and corporate management roles. This depth of knowledge enables tailored, effective solutions to be delivered to our customers.

Our capability in the fields of feasibility studies, operational improvement and technical due diligence has been growing rapidly with offices now in Perth, Jakarta and London providing an ideal base of operations for our consultants to provide round the clock service for our clients in Europe, Africa, Asia and Australia.

Data Management & Mapping

The Data Management and Mapping team comprise a balanced mix of experienced GIS, Database, and IT personnel. We take a 'hands on' approach to assessing our client's projects to ensure that database management and data information extraction are based on a thorough understanding of current industry best practices.

Our team has the experience to empower clients with the technology solutions they need to suit particular schedules and budgeting, and to provide upskill training and support to staff to maximise their potential.

Community Development & Sustainability

CSA Global takes an active role in promoting sustainable mining practice and community development both in its projects and internally within the organisation. From environmental impact studies to community geotourism programmes, education and community development in the regions we work in CSA Global has developed an unofficial motto of CARE in all aspects of our work. Care for our clients, care for our employees and contractors, care for the environment and care for the communities we work in on each project.

Our company culture is one of professional and personal development. We encourage innovation in work and involvement in the community at an individual level and maintain a standard of cultural and environmental awareness in all our work.

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:

Exploration & Evaluation

Data Management & Mapping

Resources & Mine Geology

Mining & Projects

Community Development & Sustainability

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