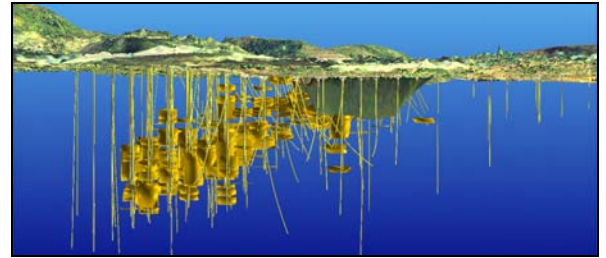


MINERAL AND ENERGY CONSULTANTS

- Exploration Geology
- Resource Geology
- Mining
- Corporate & Finance



3D Long Section – Serra Pelada, Brazil

CAPABILITY

Mining Associates is a specialist minerals and energy consultancy based in Brisbane, Australia.

We are highly experienced, dedicated team of resource professionals working with a large network of recognised experts and advisers to the minerals industry (“Associates”) covering copper, gold, uranium, bauxite and nickel laterites, potash and phosphate, coal and CBM/shale gas.

We are focused on providing you with an understanding of the fundamentals required to add value to your investment. The company undertakes high level work across a wide spectrum of mineral commodities, geological settings and mining methods on a diverse range of projects both within Australia and Internationally. We have a strong combination of “hands on” experience and the latest methods to provide our clients with unique solutions to their needs.

Mining Associates staff have been working on and assisting with exploration and mining projects since 1996 across a wide range of deposits in the Australasia/Pacific area and globally. This has included exploration support, deposit geology, ore body modeling, resource and reserve estimation, production support, mine planning and scheduling as well as in an independent technical advisory capacity.

SELECTED EXPERIENCE & CAPABILITIES

- **Mine Geology:** Grade Control Procedures, Reconciliation Procedures, Resource, Grade Control and Mill Reconciliations
- **Technical Compliance Reporting:** Technical Reporting of Resources to International Standards, (JORC, NI43-101)
- **Mining Software:** MA Narrow-Vein Modelling System; Stratigraphic ore body modeling

ALLIANCES & PARTNERSHIPS

- **PT Carsurin, Indonesia:** PTC is Indonesia’s largest private independent professional coal inspection and surveying company. It is an ISO and KAN certified company based in Jakarta.
- MA has alliances with the following specialist mine engineering, geotechnical, legal and financial consultants: AMADAD, Geovariances, Whittle Consulting, Geohart, Matrix Plus, Palaris Mining, Hynes, and Deloitte.

ADVISORY EXPERIENCE

- Feasibility Studies & Due Diligence;
- Project Acquisitions & Financing
- Company Mergers, Listings & Capital Raisings
- Project Evaluations

COMMODITIES EXPERIENCE

- Nickel Laterite: Cawse, WA; Cerro Matoso, Colombia; Ouaco, Goro, Tiebaghi Mine, New Caledonia; Ramu, PNG; Weda Bay, Indonesia.
- Bauxite, Aurukun, Weipa, Queensland; Vanua Levu, Fiji.
- Uranium: Ben Lomond, Maureen, Westmorland Qld; Buffalo, NT; Australia; Eva Creek, NT
- Gold, Copper: Philippines; Indonesia, PNG, Fiji; China, Canada; Brazil
- Potash, Phosphate: Thailand, Queensland
- CBM & Shale gas: Alberta, BC, Canada