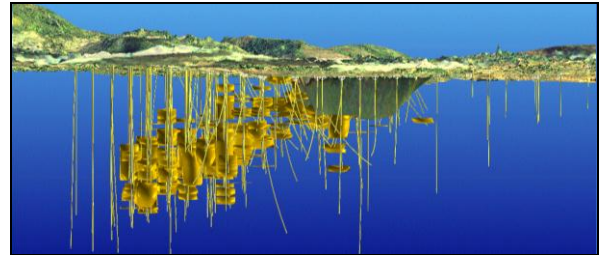


MINERAL AND ENERGY CONSULTANTS

- Exploration Geology
- Resource Geology
- Mine Services
- Corporate & Finance



3D Long Section – Serra Pelada, Brazil

CAPABILITY

Mining Associates is a specialist global geological and mining consultancy, with offices in Brisbane and Hong Kong.

We are a highly experienced, dedicated team of resource professionals working with a large network of recognized experts and advisers to the minerals industry (“Associates”) covering copper, gold, base metals, uranium, bauxite, nickel laterites, coal, iron ore, potash, phosphate and mineral sands.

We are focused on providing you with an understanding of the fundamental geological controls to add value to your project. 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 are focused on supplying specialist advice and world’s best practice products. We have a strong combination of “hands on” experience and practical implementation of the latest methods to provide our clients with the best solutions to their needs.

Mining Associates have been working on, and assisting with, exploration and mining projects since 1996 across a wide range of deposits. This has included exploration support, deposit geology, ore body modeling, resource and reserve estimation, production support, mine planning and scheduling, independent technical reviews and audits, project acquisitions, finance, company mergers, listings and capital raisings.

SELECTED EXPERIENCE & CAPABILITIES

- **Exploration Geology:** Geology reviews and exploration targeting, project reviews and prospect ranking, exploration program design, implementation and management
- **Resource Geology:** Geology and ore body modeling, resource estimation, database management, geostatistics, variography, statistical analysis, JORC & NI43-101 reporting
- **Mine Geology:** Mine design and scheduling, equipment selection, CAPEX and OPEX, grade control procedures, geology functions, production support and mill reconciliations
- **Corporate & Finance:** Technical reviews and audits, due diligence, valuations (both Valmin and CIMVal), project acquisitions and finance, company mergers, listings and capital raisings



COMMODITIES EXPERIENCE

- Copper
- Gold
- Base Metals
- Uranium
- Bauxite
- Nickel Laterites
- Coal
- Iron Ore
- Potash
- Phosphate
- Mineral Sands

ALLIANCES & PARTNERSHIPS

- MA has alliances with numerous mine, engineering, geotechnical, legal and financial consultants: SMGC, AMDAD, Geovariations, Whittle Consulting, REM, AMEC, Bell Potter, Hynes and Deloitte