



# MINING

## MINE SERVICES

- Project and Operations Management
- Optimization, Mine Design & Scheduling
- Equipment Selection
- CAPEX & OPEX
- Economic Evaluation
- EPCM



*Kainantu Gold-Copper, PNG*

## CAPABILITY

Mining Associates is a specialist global geological and mining consultancy, with a head office in Brisbane.

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 staff and associates have been working on producing mines for more than 30 years across a wide range of deposits. This has focused on pit and development mapping, deposit geology, ore body modeling, mine planning and scheduling, grade control procedures, mill reconciliations and production support.

### EXPERIENCE

- **Tiebaghi, New Caledonia (Ni)** - geology, production control and resource review
- **Aurukun, Queensland (Bauxite)** - QAQC, bauxite production scheduling
- **Laverton, Western Australia (Au)** - Data management, grade control optimisation
- **Kalgoorlie, Western Australia (Au)** - grade control procedures, QAQC and resource estimation
- **Emperor Mines, Fiji (Au)** - mine support, underground grade control
- **Masbate, Philippines (Au)** – resource update and technical report, mine reconciliation to deposit model
- **Runruno, Philippines (Au)** - mine planning and scheduling
- **Ellensfield Coal Mine, Queensland (Coal)** - preliminary design and prefeasibility costing for surface infrastructure

### SKILLS

- Ore body modeling
- Resource and reserve estimation
- Pit design
- Mine planning
- Mine scheduling
- Financial analysis
- Fleet selection
- Mine OPEX and CAPEX
- Geology, mapping and sampling
- Grade control and reconciliation