

## GOLD

- Exploration & Structural Geology
- Resource Estimation
- Placer Gold
- Independent Technical Reports
- Metallurgy
- Feasibility Study Management
- Project Management
- Valuations



Gold panning, Philippines

## CAPABILITY

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

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.

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.

## ASSOCIATES' GOLD PROJECT EXPERIENCE

- **Plutonic Gold Mine (Au)** - site visit, structural mapping and training, review of grade control and reconciliation
- **Toka Tindung, Indonesia (Au)** – site visit, QA/QC, JORC resource estimation, grade control and reconciliation
- **Buritica, Columbia (Au)** – resource estimation and NI43-101 technical reports
- **Kestanelik, Turkey (Au)**– resource estimation and NI43-101 technical report
- **Runruno, Philippines (Au)** - resource estimation for feasibility study, JORC technical report, grade control procedures
- **Martabe, Indonesia (Au)** – resource estimation review and audit
- **Golden Pig, Western Australia (Au)** - resource estimation, production control and reconciliation
- **Wafi Golpu, PNG (Au Ag)** – due diligence for purchase and pre-feasibility, resource definition drill out
- **Kainantu, PNG (Au)** - continuing geological advisory role for mining re-start
- **Zijin Shan, China, (Au)** - independent technical report for listing HKSE
- **Bronzewing, Australia (Au)** – review of grade control mining operations and management
- **Miwah Indonesia (Au)** – resource estimation NI43 -101 technical report,
- **Norton Gold Fields, Western Australia (Au, Cu)** – metallurgical study of tailings retreatment
- **Red October, WA (Au)** – production control, alluvial and underground, resource estimation
- **Sinivit, PNG (Au)** –resource estimation NI43 -101 technical report, grade control procedures
- **Vangtat Laos (au)** – resource estimation and JORC report
- **Imwauna, PNG (Au)** – site visit, exploration and resource definition drilling