



## Mineral Processing



### STUDIES

- Conceptual design studies
- Pre-feasibility studies
- Feasibility studies

### ENGINEERING AND DESIGN

- Metallurgical process design
- Backfill plant design
- P&ID design and preparation
- Flow sheets and mass balances
- Drawings preparation
- Construction specifications
- Scheduling
- Budget
- Development of control strategies

### PROJECT MANAGEMENT

- Project management and supervision
- Construction management
- Procurement management
- Scheduling management
- Budget management

### TECHNICAL SUPPORT

- Plant start-up and commissioning
- Optimization and process analysis
- Operational, maintenance and health and safety procedures
- Instrumentation, controls and automation
- Equipment procurement and specifications
- Operating and maintenance cost estimates
- Metallurgical reconciliations
- Operational technical support
- Training
- Control loops tuning and optimization
- Advance process control (APC)

### PROCUREMENT

- Call for tender, contracts and purchase orders preparation
- Invitation to tender, analysis and recommendations
- Warehouse systems and management
- Inventory list and analysis
- Equipment data sheet preparation
- Operational support
- Logistic management (transportation, customs)
- Manufacturer's warranty verification
- Payment follow-up support