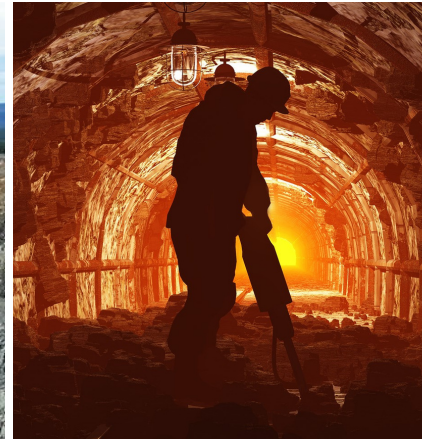


SECTOR



## MINING

### Solution-Based Engineering & Environmental Services for Mine Development

#### Environmental Services

- Baseline groundwater and surface water studies in support of EA/EIS
- NI 43-101 PFS and FS environmental support
- Preparation of closure plans and closure plan peer reviews
- Groundwater and surface water characterization and remediation at operating/inactive/closed sites
- Permitting support for water (PTTW, ISW) and air
- Compliance audits
- Mine water management - dewatering, stormwater control, and treatment
- Mine water supply
- Toxics reduction planning
- Emissions testing and reduction
- NPRI reporting
- Spill prevention and contingency planning
- Real time remote monitoring

#### Hazardous Materials Management

- Asbestos, lead, mould, mercury, PCB's and designated substances
- Surveys, inspection and abatement
- Liquid and hazardous waste

#### Occupational Health & Safety

- Air, noise, vibration monitoring and impact assessment
- OH&S auditing
- Exposure control strategies and design
- Confined space consulting
- Industrial ventilation

#### Geotechnical Engineering

- Geotechnical site investigation
- Slope stability analysis
- Erosion control
- Soil and aggregates testing
- Engineered fill design
- Foundation design and stabilization

The mining sector can be a risky investment for its stakeholders. From development planning through to operations and costing strategies, there are many complexities to consider when seeking a successful outcome. Pinchin is well familiar with these complexities and the regulatory processes involved. We have the resources to minimize risk and meet your goals, whether its adherence to compliance requirements, operation of existing mines, or the close-out of old ones. Our specialists become a part of your team to help us better understand the issues from your perspective, and to offer effective and pragmatic solutions for your mining development.



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