



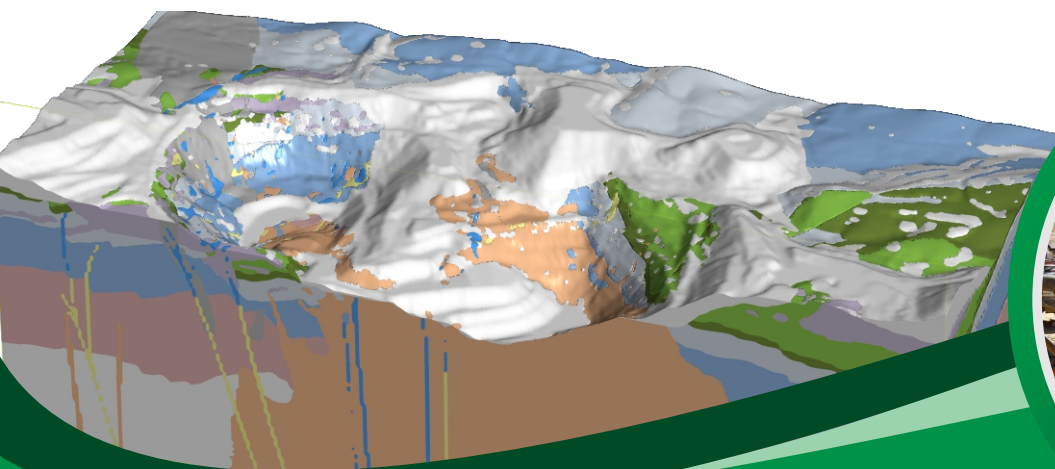
MINE WATER MANAGEMENT

Our Water Management Group comprises industry recognized experts providing high level technical services to surface and underground projects globally.

Our services include:

Mine Hydrogeology

- Groundwater system characterization including variably fractured bedrock systems using best practices in drilling and testing, monitoring and measurement;
- State of industry capability in numerical modeling of groundwater flow, groundwater pressure, and geologic and environmental systems;
- Worldwide leading expertise in open pit and underground mine dewatering and pit slope depressurization system design, implementation and optimization;
- Proven experts in water resource exploration, development and management for mining and industrial process; and
- Integration of groundwater evaluation and prediction with mine design and pit slope stability management.



MINE WATER MANAGEMENT

Our services also include:

Mine Water Management

- Quantification, planning and design of surface water resources and management systems;
- Site wide water balance evaluation and optimization using state of industry practices;
- Design and optimization of mine water management systems and infrastructure; and
- Mine facility seepage evaluation, prediction and monitoring.

Geochemical Assessments

- All aspects of acid rock drainage prediction and control including design and execution of static and kinetic testing programs, facility scale predictive geochemical modelling of open pits, underground mines, waste rock and tailings facilities;
- Geochemical risk assessment;
- Design and implementation of treatment systems for mine water and mine process effluents, including HDS and membrane technologies; and
- Geochemistry aspects of mine closure, including pit lakes, underground mine inundation and reclamation of waste rock and tailings storage facilities.