

MINE HYDROGEOLOGY

About Us

Mining One is a team of highly experienced and professional mining, geotechnical, geological and hydrogeological consultants offering excellence in service and commitment to their clients with high level strategic, hands on practical design and implementation.

Through hydrogeological investigation, modeling and analysis we provide consultation for effective water management to assist in assessments relating to a range of groundwater issues such as mine water management and dewatering.

It is Mining One's unique blend of engineering disciplines coupled with worldwide practical consulting and operational experience in the mining industry that enables us to offer clients integrated mine hydrogeology and geotechnical solutions.

Mine Hydrogeology services include:

Water Resources:

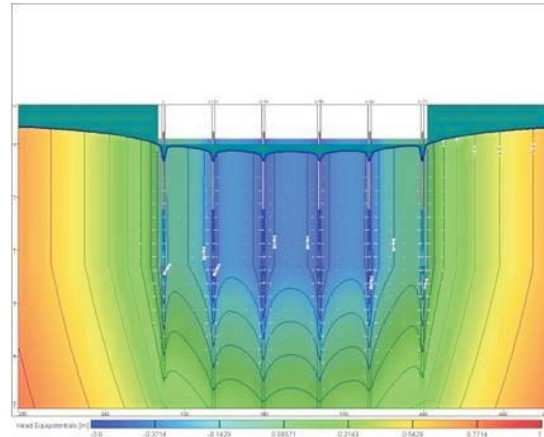
- ▶ Groundwater exploration
- ▶ Well and Borefield installation and optimisation
- ▶ Pumping test analysis
- ▶ Water Quality assessment
- ▶ Sustainable resources evolution
- ▶ Water storage

Environmental Hydrogeology:

- ▶ Monitoring programs
- ▶ Hydrogeological evaluation
- ▶ Environmental Risk Assessment
- ▶ Licensing, Permitting and Compliance
- ▶ Groundwater interaction
- ▶ Contaminated Groundwater and Acid Mine Drainage
- ▶ Rehabilitation and remediation

Ground Water Engineering:

- ▶ Dewatering assessment
- ▶ Groundwater management
- ▶ Water Balance
- ▶ Water Management planning
- ▶ Drainage and Slope stabilisation
- ▶ Groundwater Depressurisation and Drainage
- ▶ Piezometer installation, monitoring and piezometric analysis
- ▶ Tailings storage and dewatering
- ▶ Flow and Transport Numerical Modelling



Mining One personnel have completed a very diverse range of assignments for clients in the mining industry worldwide. This diversity is illustrated by some of the recent projects we have completed.

Mining One Personnel Hydrogeology experience:

- ▶ Sustainable production and resource assessment (Fiji)
- ▶ Aspire Zone Groundwater resource evaluation (Qatar)
- ▶ Solid Energy Ohai, Mataura, Stockton, Cypress Mines (NZ)
- ▶ BHP Billiton – Minerva Gas Plant (AU)
- ▶ Oz Minerals - Lane Xang – Sepon Copper (Laos)
- ▶ New Delhi Metro – Metro Rail (India)
- ▶ Singapore Kallang – Paya Lebar Expressway (Singapore)
- ▶ St Raphael Grand Caou Quarry dewatering assessment (FR)
- ▶ Yea – Sand and Gravel Quarry (AU)
- ▶ Fos – Underground car park dewatering (FR)
- ▶ Launching Place Surface water/ Groundwater assessment (AU)

