

ABOUT US

Mining One is an exciting 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.

Our well respected team has extensive industry knowledge and experience in a diverse range of disciplines.

With our engineering knowledge and skills using a variety of software packages we are able to provide safe, cost-effective and problem solving solutions which reduce mine operating costs, increase productivity and maximise economic extraction.

For more information on any of our services please visit at:
www.miningone.com.au

Underground – Mining & Geotechnical

Our well respected team has extensive industry knowledge and experience in a diverse range of disciplines. Our working expertise covers; pre-feasibility and feasibility studies, onsite support, mine optimisation, design and scheduling, stability analysis and design, numerical stress modelling, data collection, reviews and auditing, risk assessments, tender evaluations and ground support design and assessment.

With our broad mining knowledge and skills using a variety of software packages we are able to provide safe, cost-effective and problem solving solutions which reduce mine operating costs, increase productivity and maximise economic extraction. Our mining and geotechnical teams work closely with our clients to provide practical solutions.



Example Projects by Mining One Personnel

- North mine expansion pre feasibility study, George Fisher (Qld).
- JORC compliant reserve estimate, Hillgrove (NSW).
- Scheduling optimisation and stoping review for Eldorado Mining, Jinfeng Gold Mine (China).
- Long term onsite geotechnical support, mine scheduling, GCMP review, ground awareness training, Cracow Gold Mine (Qld).
- Numerical modelling, including room and pillar designs, stoping guidelines and sequencing, Victor Long Shaft (WA).
- Shaft stability assessments including; Rasp (NSW), Cobar (NSW), Cracow Gold Mine (Qld) and Ok Tedi (PNG).
- Drill and blast design, review and optimisation for OZ Minerals, Avebury Nickel Mine (Tas).
- Operational support, ground support design, project assistance as required, long term involvement, Stawell Gold Mine (Vic).
- Definitive Feasibility Study, Stockman Project (Vic).
- Numerous Portal Designs completed, including A1 gold mine (Vic), Fosterville (Vic), Hera Gold Project (NSW), Mt Wright (Qld), Peak (NSW) and Mt Morgans (WA).
- Site based geotechnical and mining engineering support, Ballarat Gold Mine (Vic).

Underground Mine Engineering & Geotechnical Capability

- Conceptual, scoping, pre-feasibility and feasibility studies. e.g. Guoluolongwa (China), Tomingley (NSW), Mount Morgan (WA), Heemskirk (Tas).
- Underground ground support design and optimisation stability analysis. sequencing and design, e.g. Cracow Gold Mine (Qld), Stawell (Vic), Avebury (Tas).
- Mine planning, design and scheduling. e.g. Maude Creek (NT), White Mountain (China).
- Numerical stress analysis in linear-elastic and non- linear codes, including Map3D, 3DEC and FLAC 3D. e.g. Stockman (Vic), Achmmach Tin Project (Morocco).
- Mining and geotechnical reviews and audits. e.g. Stawell (Vic), Angas (SA).
- Mining method and equipment selection. e.g. Heemskirk (Tas), Hillgrove (NSW).
- Stress measurement programs and stress monitoring, and seismic monitoring, analysis and data review. e.g. Cracow Gold Mine (NSW).
- Site coverage, short or long term and assistance in the process of hiring permanent staff. e.g. Cracow (Qld), Stawell (Vic), North Parkes (Qld).
- Extensive portal, boxcut, shaft design and assessment. e.g. Fosterville (Vic), Peak (NSW), Dargues (NSW).
- Expert witness testimonies. e.g. Beaconsfield (Tas)
- Contract documentation, supervision and auditing.