

Underground – Geotechnical Auditing, Training & Design Compliance

Our well respected team has extensive industry knowledge and experience in a diverse range of disciplines. Our audit and design work covers data collection, short term secondment through to peer reviews and investigations for lawyers and insurance companies.

Our training, auditing and compliance work enables mine operators/staff to provide a safer work environment for themselves and their team. Our training can improve productivity, and increase profitability.



Ground Support Audits

- We independently audit your installed ground support in both old and new areas of the underground,
- Report on compliance with and knowledge of the installation procedures,
- The installation quality of Cable Bolts, Rock Bolts, Grout, Fibrecrete installation quality,
- Identify safety issues if present,
- Report on potential cost savings and recommend effective methods to improve support cycle times and development rates.

Ground Control Management Plan (GCMP) Compliance

- All mines have a GCMP, but few realise that by not following it there are potentially serious ramifications,
- We independently check that your mine meets the standard in the GCMP,
- We recommend changes that can often result in improving the efficiency at your mine,
- Provide a simple report as evidence of your compliance.

Ground Support Design

- All mines need a design to show the ground support is sufficient for the ground conditions at your mine.
- We check designs and sign off that they are to industry standard.
- We also provide a backup design service for mines that require support design documentation.

Ground Support Awareness

- Our training enables mine operators/staff to provide a safer work environment for themselves and their team,
- We teach operators how ground support/reinforcement works and demonstrate in detail how your site bolts work.
- This training improves safety through understanding,
- Learn the “Tell Tale” signs of potentially unstable rock and improve their ability to observe and detect bad ground.
- With this information crews begin to understand the importance of following ground support installation plans and to understand why QA/QC is essential,
- Suitable for all levels including new starters, jumbo operators, supervisory and professional staff.

Our experience is that once a mine has completed this training, they insist all underground employees complete the training. Examples (short list):

Angas Zinc	Henty
Cannington	Renison
Perilya	Ballarat Goldfields
Stawell	Elura
Osborne	CSA
Darlot	Telfer
Lawlers	Vatakola (Fiji)
Peak	Sunshine Mine (China)

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