



GEOTECHNICAL ENGINEERING

CAPABILITY STATEMENT

WE ARE MEC MINING

MEC Mining is a global mining consultancy specialising in mine planning, onsite management and technical services solutions for the international mining industry.

Since 2005, MEC has grown into a leading consultancy firm with an experienced team of consultants; specialising in both the open cut and underground coal and minerals sectors.

Through our teams' real-world experience, our engineers have an owner's point of view when executing a project.

We deliver high-quality work that enhances the value of our clients' assets and our experienced team of consultants bring a diverse range of knowledge to each project.

Importantly, we offer a flexible approach to all services and will gladly tailor our services to meet individual project or company requirements.

OUR GEOTECHNICAL ENGINEERS

MEC Mining has a team of skilled and experienced geotechnical engineers who are leaders in their field. We span both open pit and underground mining where we have been involved in providing solutions for many clients in all types of ground conditions. Our geotechnical engineers work closely with our mining engineers and consultants to develop safe and effective mining designs. Our team also offer highly effective ground support solutions including operational support and training at all levels. This has many advantages including the opportunity for clients to gain from the exposure of a wide range in our consulting skills. Our team is adept at using our experience, advanced software, and efficient processes to generate value adding outcomes.



OUR GEOTECHNICAL ENGINEERING EXPERTISE

The MEC Mining geotechnical engineering expertise include:

- Site Secondment
- Geotechnical Management Plans
- Geotechnical Design Performance and Evaluations
- Geotechnical Staff training and mentoring
- Studies (Bankable, Feasibility etc)
- Independent technical audits
- Independent expert reports
- Pit slope stability analysis and design, including numerical modelling
- Geotechnical reviews and audits
- Stability assessment of natural slopes and waste dumps
- Ground awareness and geotechnical hazard training
- Geotechnical data collection training including Brown and Greenfields drilling program management
- Closure design
- Monitoring Implementation and Recommendations

OUR GEOTECHNICAL CAPABILITIES SPAN ACROSS

- Open Pit Coal
- Open Pit Metals
- Underground Coal
- Underground Metals



GLOBAL EXPERIENCE



GENERAL ENQUIRIES

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