

The MGT Way:

Engineering advice grounded in rigorous data analysis, enabling robust design.

Whether you need one engineer for a single day or a whole crew for a year, our **site support** team specialises in providing our clients with practical, site based, geotechnical engineering services.

Our site support team structure gives you access to our wealth of geotechnical experience and hands on practicality. We have the frontline knowledge and experience to suit all your geotechnical needs, if that's underground or open pit and across all commodities.

Supported by our senior geotechnical engineers, with over 50 years' combined experience, we can cover day to day operational geotechnical duties, senior roles in design, team management and technical analysis.

Our team pick up the skills and site procedures quickly and can fill in for personnel on leave. Whatever your site support needs, on a short or long-term basis, you will have our entire team's industry leading knowledge, experience and standards at your disposal.

Operational Support

- · Maintain your Ground Control Management Plan (GCMP) and site documentation
- · Regular geotechnical inspections to assess compliance
- · Collection of data to update and maintain the operation's geotechnical model
- Ground support schemes, design and assessment of performance
- · Interpretation of monitoring data from rock mass to excavation
- · Backfill design, implementation, planning and QAQC
- · Mentoring for junior geotechnical engineers, and ground awareness training
- · Geotechnical input, development and stope design with best practices
- · Seismic system design, monitoring and analysis
- Rehabilitation and site-specific problem solutions

Core Logging

Our core loggers are specialists who are passionate about geology, diamond core and geotechnical interpretation. The analysis that results from high-quality data provides project risk insights, and enables you to make decisions with greater confidence. Whether its **Physical Logging**, **Geo Physical Interpretation** or **Photo Logging** of core, we've got you covered.

We offer onsite **geotechnical secondments** from junior engineers to experienced seniors to fill in client manning, support and personnel gaps.

Senior Geotechnical Engineer/Engineering Geologist

Our Senior team members have postgraduate qualifications in Mining, Geology or Geotechnical fields and over 10 years of mining industry experience across commodities, operations and mining methods. They should be expected to undertake all aspects of geotechnical and backfill function on a site with significant input into other teams. They are leaders in our organisation and can be expected to assist and train junior team members in all aspects. Our Seniors can be expected to be able to write principal control plans (GCMP, BFMP, SHMP) and contribute to Principal Hazard Management. They can develop Ground Support Standards and plans. Our Seniors can also cover selected Superintendent and Technical Services Management roles.

Geotechnical Engineer/Engineering Geologist

Our Geotechnical Engineers and Engineering Geologists will generally have 5 years or more of practical exposure to geotechnical site work. Depending on their exposure they can be expected to undertake complex tasks such as stope notes, development plan review, ground support selection, backfill design and fill plans, seismic monitoring and analysis, open pit displacement monitoring and design compliance. They can be expected to largely self-manage workload and be independent. Deep technical tasks may still require Senior guidance and review. They can be expected to review and edit principal control documents such as GCMP, BFMP, SHMP and GSS.

Early Career Geotechnical Engineer/Engineering Geologist

Early Career Engineering Geologist and Geotechnical Engineer team members will have up to 4 years working in the role and gaining wider exposure to the tasks required. Depending on the site experiences they can be expected to undertake underground/open pit inspections, mapping, QAQC data management, simple rehab plans and core logging. They should be familiar with principal control documents and be able to implement aspects of these. Varying levels of independent working can also be expected, however guidance and task scheduling may be required.

Graduate Geotechnical Engineer/Engineering Geologist

Our Graduate positions are entry level with MGT. These Engineering Geologists and Geotechnical Engineers will be starting their mining journey and may have some previous exposure to working in industry. Backgrounds can be from civil geotechnical work and depending on the exposure the Graduate has, they may be capable of some independent tasks such as mapping, core logging or inspections. We would not expect Graduates to be working alone and would need a level of supervision and guidance from senior members of a team.

With experience that spans generations, our team offer you greater flexibility and will work with your current processes and procedures. If we see an opportunity to improve things, we'll share our ideas with your team.