

**Your underground mining solutions**



**Downer**  
Relationships creating success









## About us



**Downer’s mining division has been successfully delivering contract mining and civil earthmoving services to an impressive list of global customers for over 90 years.**

We are one of Australia’s leading mining contractors, employing over 4,000 people across more than 50 sites in Australia, New Zealand, Papua New Guinea, South America and Southern Africa.

We offer our customers the broad capabilities and access to capital that this geographically diverse, multi-disciplined engineering, construction and resource services business has to offer.

We believe in what we say and what we do. This begins with trust created by an open and honest relationship. Our successful business model is based on our four pillars: Safety, Delivery, Relationships and Thought Leadership.

While all values contribute to the success of the projects we operate, our relationship based approach and willingness to work with our business partners has assured the success of our customers’ projects.

### Area of expertise – underground

- decline and lateral development;
- production, bogging, both conventional and remote;
- production drilling and charging;
- shotcreting;
- mine management;
- engineering;
- design;
- cable bolting;
- exploration drilling;
- maintenance;
- electrical; and
- depressurisation drilling.

**“We are one of Australia’s leading mining contractors”**

Safety	Delivery	Relationships	Thought leadership
<p>Zero Harm is embedded in Downer’s culture and is fundamental to the company’s future success</p>	<p>We build trust by delivering on our promises with <b>excellence</b> while focusing on safety, value for money and efficiency</p>	<p>We <b>collaborate</b> to build and sustain enduring relationships based on trust and <b>integrity</b></p>	<p>We remain at the forefront of our industry by employing the best people and having the <b>courage</b> to challenge the status quo</p>

## Underground mining



**We have a highly skilled and experienced hard rock underground mining team that understands the unique nature of the industry. From existing brownfield projects to remote greenfield developments, we have the expertise and equipment to deliver all types of hard rock underground operations.**

We work collaboratively with our customers to extract the maximum value from their resource by developing creative and innovative solutions to everyday issues. Fundamental to this approach is building robust, long-term, trusting relationships, as well as flexibility in our contractual arrangements. We therefore offer our customers a range of delivery models, including alliance partnering, schedule of rates, cost-reimbursable, and fixed and variable contract styles.

### Extensive equipment inventory

Our state-of-the-art fleet includes:

- Sandvik jumbos;
- Sandvik long hole production drills;
- Sandvik cable bolters;
- Sandvik trucks and loaders;
- Normet Charmec chargers;
- Normet shotcrete machines;
- Normet underground agitator trucks; and
- various ancillary items.

Our in-house maintenance support and asset management capabilities optimise our efficiency and overall performance.

Our plant management team comprises professional engineers and qualified tradespeople, all of whom have extensive practical knowledge and experience. The team actively monitors and employs advances in equipment technology and operating and maintenance practices, to ensure that customers are provided with maximum reliability and the lowest-cost solution to their mining requirements.

Underpinning these services are our strong relationships with Original Equipment Manufacturers (OEMs), which ensure that we have access to the latest equipment and information, driving best-practice maintenance management.

### Map of operations











## Innovation

Thought leadership is one of the pillars underpinning Downer's business. Our team is committed to driving innovation to bring continuous improvement to our processes, projects and customers.

Downer, in partnership with Yumarr Automation has developed JumboGuard, an innovative solution addressing an industry-wide critical risk of entanglement.

JumboGuard provides a physical barrier to stop people from intentionally or unintentionally placing themselves in a position of potential entanglement and mitigates what was once considered one of the biggest hazards in underground mining.

This state of the art boom isolation technology is the most sophisticated of its type currently on the market.

JumboGuard has now been commissioned and installed across all Downer's mining development drill fleets, operating in Australia.







## Exploration drilling



**Exploration drilling can be a logistically challenging area to work in. That's why we've focused on developing trusted and successful relationships with our supply partners.**

This enables us to deliver on our targeted outcomes, and ensure that we're also supporting the local businesses and communities where we work. These partners currently include Alton Drilling, Sandvik Exploration, Australian Drilling Institute, Applus Velosi JDA and Imdex.

We tailor contracts based on specific customer and commercial drivers that often differ from project to project. At Downer, we back our ability to deliver the best results possible to every one of our customers.

### Exploration drilling in PNG

We have a highly skilled and experienced team with a decade of drilling experience in PNG. The team is strongly supported by top-line PNG national drillers, most of whom have been with us from the beginning.

Our policy of employing and training people from the local area ensures that this experience and expertise will continue to grow, and the local economy will reap the benefits into the future.

Our investment in our people in PNG has had flow-on benefits to the extent that we now have PNG fitters living in Australia, working at our open cut mining projects.

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**Our team is highly skilled with extensive remote operations experience”**

## Health and safety



**Our commitment to Zero Harm is fundamental to our business and our first priority. We have a strong, embedded safety culture based on a Zero Harm philosophy.**

This is founded on a belief that all incidents, injuries, occupational illnesses and diseases are preventable, as long as there are effective systems in place and an engaged workforce to implement and improve them. We therefore aim to build workplaces where employees want to follow safety procedures and feel empowered to innovate.

Our Zero Harm performance is reliant on the attitudes and skills of our employees. From as early as the recruitment process, we look for people who are committed to Zero Harm best practice. Once part of the Downer team, employees are comprehensively inducted in the application of the Zero Harm system and accompanying standards, procedures and standard work practices. Subcontractors, consultants and suppliers are also expected to participate in the training and assessment process. We take the health, safety and wellbeing of our people seriously and we strongly encourage all employees to take a proactive approach toward Zero Harm, both at work and at home.

Our Zero Harm approach is supported by a well-developed health and safety management system which has been externally certified by Bureau Veritas to

AS/NZS 4801:2001, BS OHSAS 18001:2007, ISO 14001:2004, and ISO 9001:2008.

To ensure our ongoing compliance with the IMS, we have a thorough internal audit regime to verify the level of implementation of the system across our sites. Bureau Veritas also conducts annual surveillance audits.

An integral part of Zero Harm at Downer is our commitment to the health of our people. We have taken strides to significantly raise the profile of health across the business, with an industry-leading program that offers a proactive approach to managing the health and well-being of our employees.

Developed in partnership with the Workforce Health Innovation group at the Queensland University of Technology (QUT) Institute of Health and Biomedical Innovation (IHBI), the Enhancing Workforce Health Program, provides us with access to a range of internationally recognised experts who counsel us with industry best practice guidance.

The partnership also enables us to collaborate with QUT to develop and trial evidence-based, innovative solutions for our priority health risk areas: obesity and nutrition, musculoskeletal disorder and mental health.







## Critical Risks – everyone has a role to play

Critical risk management is about ensuring we always have the right controls in place and are working properly to prevent and mitigate fatalities or significant environmental harm.

We are continually looking for better ways of ensuring our employees remain free of harm. This is why Downer has implemented the Critical Risk Control Program.

The program has been developed in line with the mining industry international standard for managing critical risks, as outlined by the International Council on Mining and Metals.

The aims of the Program are:

- identify which controls really matter – the “Critical Controls”;
- understand these controls exist to prevent a fatality in our business;
- ensure that the Controls are working as intended;
- ensure that accountabilities are clear as to who is responsible for implementing the controls; and
- ensure the reporting on the performance of critical controls.





## Our people

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**Our culture, attitude and diversity complement our bench strength to provide effective and efficient project teams.**

We believe the culture and performance of a successful mining contractor begins with the values and ability of its management team. Downer's mining team is an experienced group, brought together from a broad range of mining and exploration disciplines in Australia and overseas.

We are a highly motivated, proven team focused on safe and efficient operational excellence and meeting the challenges associated with delivering projects on-time and within budget.

Our mining experience is drawn from senior management roles at various International and Australian operations as both contractor and owner-miner.

This broad exposure has developed a sound in-house mining knowledge capable of dealing with the issues arising from mining and exploration operations in the most challenging of conditions.

We believe that our ongoing commitment to learning about and understanding our customers' business drivers is a key differentiator.

Downer is committed to increasing the diversity within our workforce. This commitment is underpinned by our Diversity and Inclusiveness Strategy which is driven by the Executive Leadership Team and managed by a well-established Diversity Committee.









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[www.downercareers.com](http://www.downercareers.com)



**Downer EDI Limited**  
ABN 97 003 872 848

Triniti Business Campus  
39 Delhi Road  
North Ryde NSW 2113

T: 1800 DOWNER (1800 369 637)  
T: (02) 9468 9700

**Mining**  
**Head Office**

22 Cordelia Street  
South Brisbane QLD 4101  
PO Box 8221, Woolloongabba QLD 4102

P: +61 7 3026 6666  
F: +61 7 3026 6060

**Western Australian Office**

Level 6, 130 Stirling Street  
Perth WA 6000  
  
Locked Mail Bag 203  
Perth Business Centre WA 6849

P: +61 8 6212 9500  
F: +61 8 6212 9680