



SMW
DRILLING SERVICES
EST 2006



CAPABILITY STATEMENT

SURFACE MINE PRODUCTION DRILLING • QUARRY DRILLING •
RIG DESIGN, MANUFACTURE & REBUILD • GEOTECHNICAL SERVICES

ABOUT US

OVER 18 YEARS OF INNOVATIVE DRILLING SOLUTIONS

SMW Drilling Services Pty Ltd (SMW) is focused on the provision of safe, predictable and innovative blasthole drilling services to the east coast coalfields.

Since our incorporation in March 2006, we have continued to grow. Today, our diverse fleet of 30+ drills combined with the expertise of our large team sets the standard in drill performance and maintenance.

We have successfully delivered more than 25 projects and forged several long-term partnerships with coal majors including Peabody Energy, Yancoal, Sojitz and Thiess.

The longevity of these relationships is testament to our technical knowledge, engineering capability and competency across drill and blast. We make it our mission to engineer best-for-project solutions and deliver optimal results.

2006

SMW incorporated



2011

Awarded Prospect Final Wall Control contract

2006

Forges relationships with Yancoal



2006

Awarded Hunter Valley Operations & Mt Thorley/ Warkworth contracts



2007

Awarded Donaldson Coal contract

2008

Awarded Lamberts Gully Open Cut & Charbon Open Cut contracts



2010

Awarded Cullen Valley Open Cut contract



2009

Awarded Donaldson Coal contract



2012

Awarded Mt Arthur Coal contract



2013

Awarded Duralie Operation contract



2014

Awarded Muswellbrook Coal contract



2016

Awarded Hunter Valley/ Newcastle Group Probing contract



2015

Awarded Drayton Coal contract



2016

Awarded PTC Civil Ground Stabilisation contract



2016

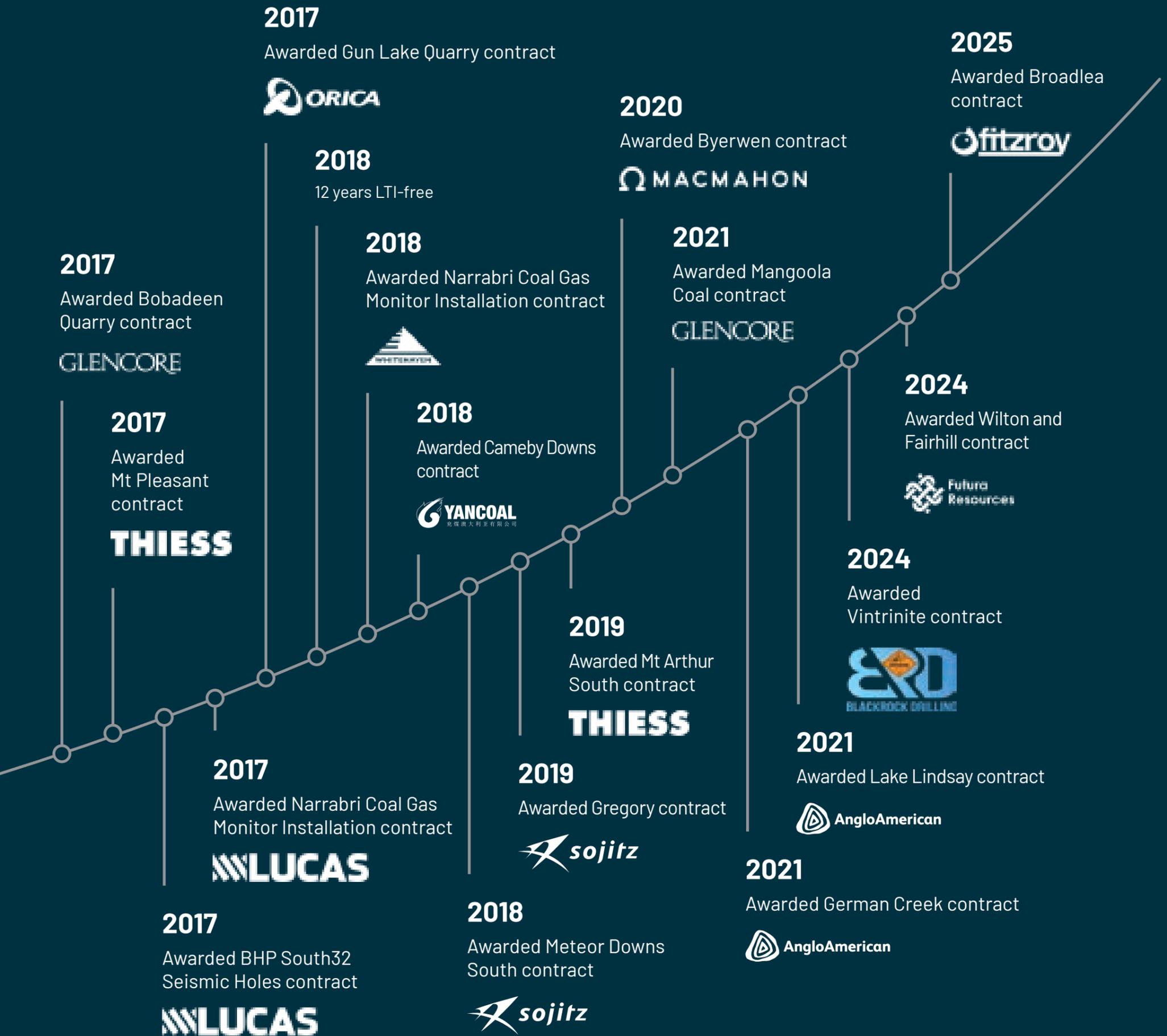
Awarded Wilpinjong contract



2017

Awarded Minerva contract





OUR VALUES

- PEOPLE
- SAFETY
- QUALITY
- EFFICIENCY

PEOPLE

- We value our people
- We instill a sense of ownership
- We nurture a growth mindset

SAFETY

- Safety is second nature
- The health and wellbeing of our colleagues, our customers, and the community is of the utmost priority, always

QUALITY

- We continue to set the standard in quality

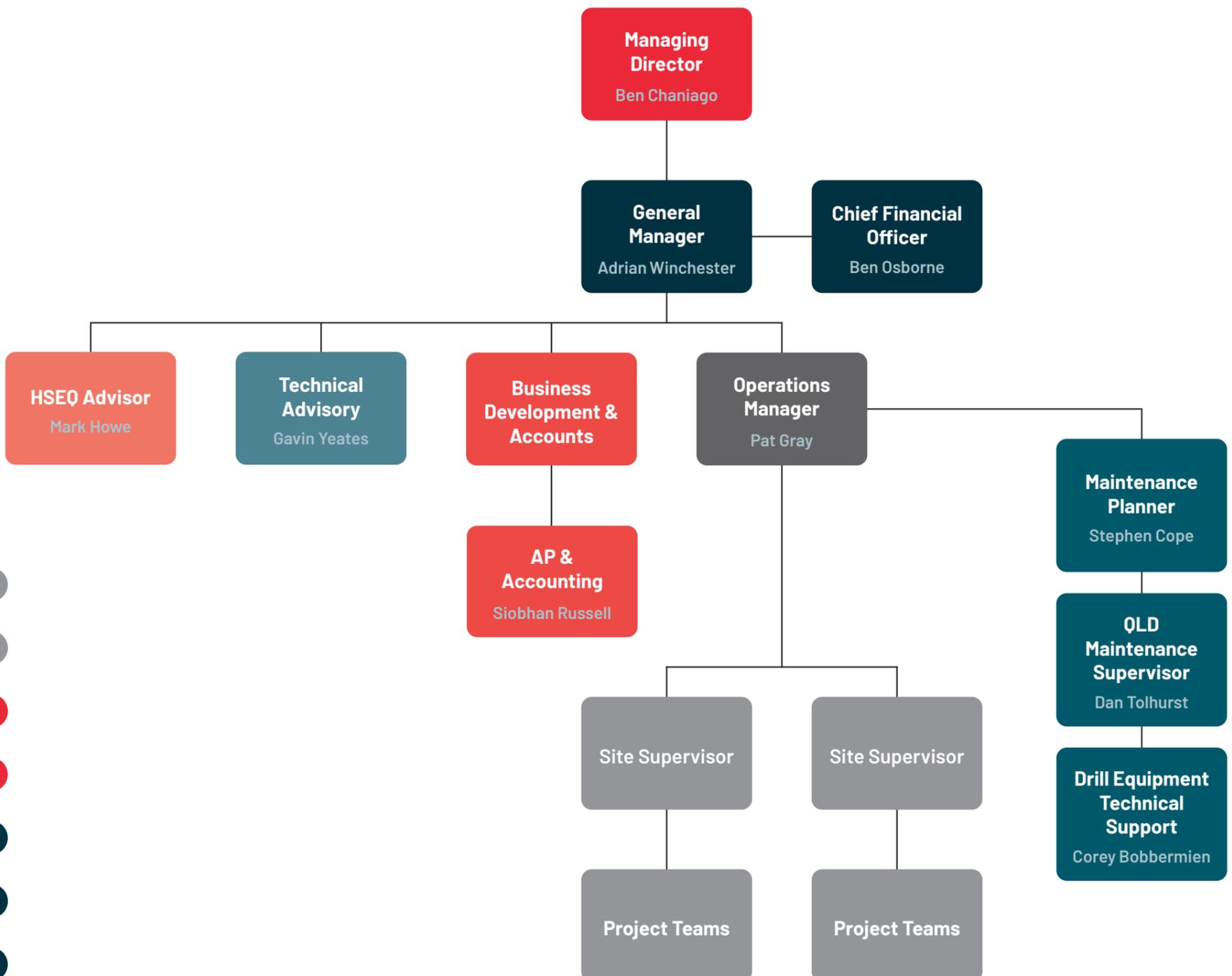
EFFICIENCY

- We achieve efficiency without compromising quality and safety



KEY PEOPLE

SMW consists of a diversified team with extensive experience in the application of efficient drill and blast practices.



OUR SERVICES

SMW specialises in production blasthole drilling at surface mines and quarries, and geotechnical services. These capabilities are supported by our inhouse drill rig component design, manufacture and rebuild competency.



SURFACE MINE PRODUCTION DRILLING

- Hole sizes ranging from 57mm to 311mm
- Rotary and percussion (top hole and down the hole) drilling methods
- Sample drilling services including in-pit reverse circulation (RC) drilling
- Drill and blast (rock on ground)
- Drill rig and ancillary equipment hire



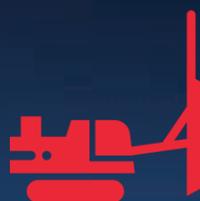
GEOTECHNICAL SERVICES

- Cable/rock bolt drilling and installation
- Drilling for placement of extensometers for ground movement monitoring
- Drilling and installation of piezometer monitoring holes
- Ground probing, relief and ground stabilising



RIG DESIGN, MANUFACTURE & REBUILD

- All drilling equipment rebuilds and modifications
- Accessory equipment
- Patent DP25T twin mast blasthole drill rig
- Rotary and percussion drilling consumable rebuilds and repairs



QUARRY DRILLING

- Down the hole drilling methods
- Drill and blast (rock on ground)



OUR FLEET

SMW owns and operates Caterpillar (Reedrill), Sandvik and Epiroc (Atlas Copco) drill rigs. Our inhouse engineering capability ensures our machines are maintained to the very highest standards for guaranteed reliability and availability.

Our rebuild and upgrade competency also enables us to modify and upgrade rigs to better than OEM standards to deliver best for project solutions and enhanced drilling capability.

Drill type	Application	Hole Diameter	Hole Depth	Pulldown Capacity	Compressor
Terex Reedrill SKSS Rotary	Production	229mm - 271mm	72m	90000lbs	2400cfm
Terex Reedrill SKS Rotary	Production	229mm - 271mm	64m	86000lbs	2000cfm
Terex Reedrill SKF Rotary/DTH	Production	171mm - 251mm	52m	50000lbs	1550cfm
Sandvik D90KS Rotary	Production	251mm - 271mm	72m	90000lbs	2000cfm
Sandvik DR460 Rotary	Production	229mm - 271mm	77m	90000lbs	2000cfm
Sandvik D75KS Rotary	Production	200mm - 271mm	64m	75000lbs	2000cfm
Sandvik D45KS Rotary/DTH	Production	171mm - 229mm	64m	45000lbs	1250cfm
Epiroc ECM720 Top Hammer	Production/Presplit/ Construction	76mm - 153mm	27m	n/a	480cfm
Epiroc SmartROC T40	Production	64mm - 127mm	33.5m	n/a	325cfm
Caterpillar 6290	Production	200mm - 270mm	52m	60000lbs	2000cfm
Caterpillar 6250	Production	200mm - 270mm	52m	60000lbs	2000cfm
Caterpillar 6420	Production	229mm - 270mm	72m	90000lbs	2000cfm
Sandvik D50KX	Production	171mm - 251mm	48m	50000lbs	1550cfm



CLIENTS

We have delivered projects for many tier 1 mining companies.



OUR VALUE-ADDING CAPABILITY

We have a proven track record in adding value to operations from contract commencement through to delivery.

INNOVATIVE PROBLEM SOLVERS

Our experience and knowledge of the drill and blast process and drill design gives us an inherently innovative mindset. We can proactively identify and suggest recommendations, and quickly implement those solutions.

INHOUSE ENGINEERING EXPERTISE

Drawing on our deep knowledge of drills we can quickly tailor and enhance drills to specific project requirements for optimal results.

TECHNOLOGY

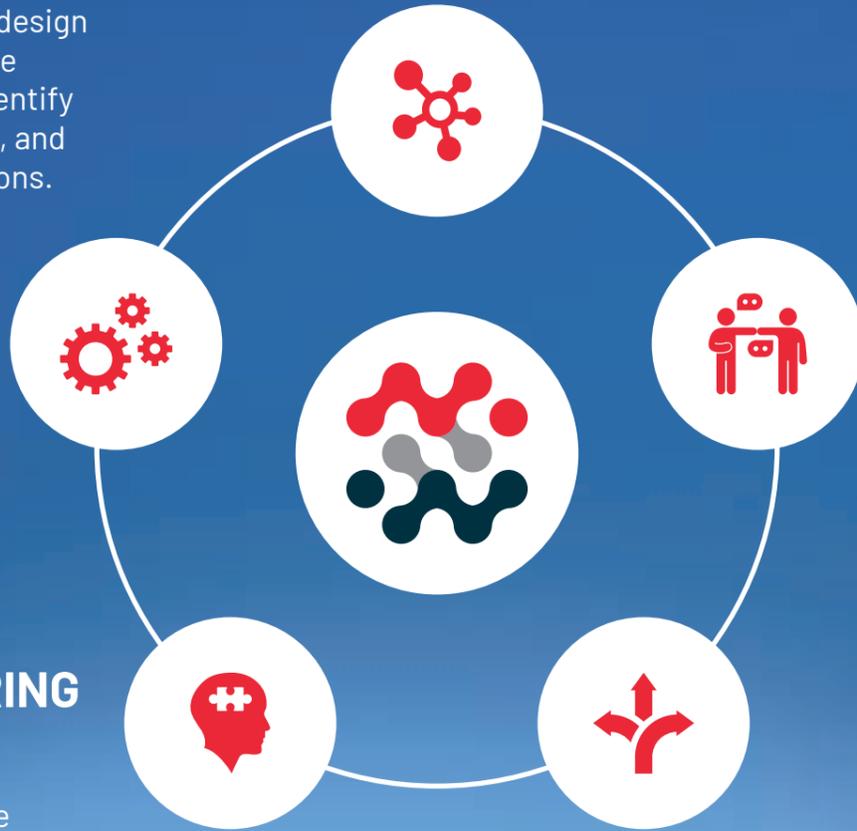
We invest in developing knowledge and capability in autonomy and real time data. Our experts have led successful implementation of autonomous drilling and are at the cutting edge of drill data and the downstream benefits that utilising that data can provide.

SMOOTH ONBOARDING

We minimise or negate the cost of changing supplier through our seamless ability to integrate into operations, our personable approach and our commitment to supporting optimal production results.

FLEXIBILITY

Where production requirements demand it, we can deploy additional rigs at short notice.





INHOUSE ENGINEERING EXPERTISE

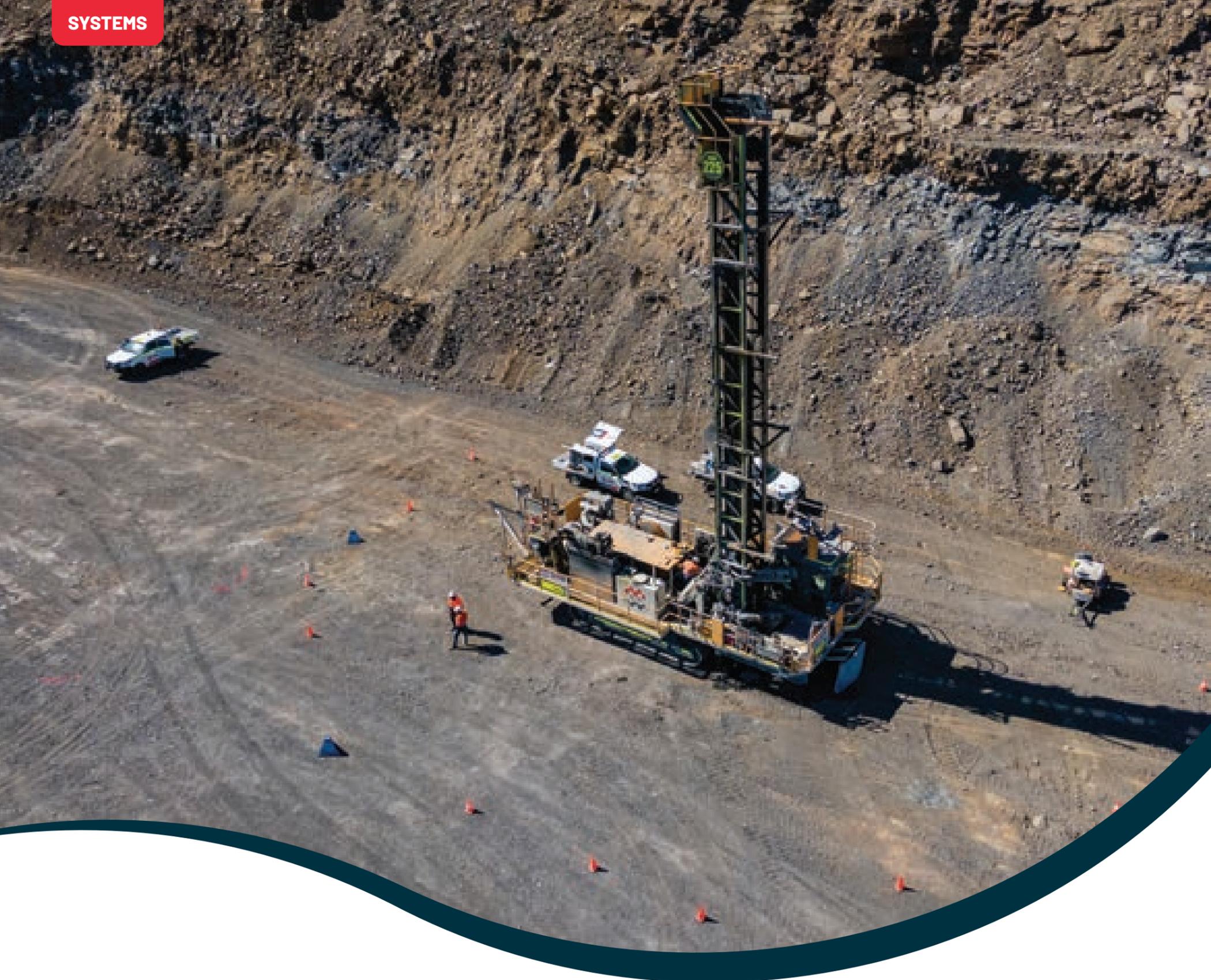
We complete all equipment rebuilds in-house and consider our quality standards and drill tooling to be industry-leading.

Our drill build team has completed 19 machine rebuilds, including small boom-mounted machines and our larger production rotary drills.

Driven by market demand for a higher standard of componentry and improved cost effectiveness, we also possess the engineering capability to manufacture associated parts.

This inhouse engineering competency, coupled with our culture of innovation, is one of our core value-adds. It delivers tangible benefits to clients in the form of:

- Engineered solutions to drilling challenges
- Optimised drilling results from drills tailored to specific project requirements
- Drill reliability and availability due to our exceptionally high maintenance standards



SYSTEMS & PROCESSES

ENVIRONMENT

Our Environmental Policy and Management System, developed in conjunction with HOWSAFE, complies with the requirements of ISO 14001.

Through our culture of rethink, reduce, reuse, repair and recycle, SMW's Environmental Management System aims to:

- Promote a culture of innovation and participation, engaging our workers to contribute to improving SMW's environmental performance
- Promote the efficient use of energy, reduction of waste and recycling of materials in all our activities
- Encourage ethical environmental practice and behaviour including respect for cultural and community values
- Comply with environmental laws applicable to our clients' operations and meet, or exceed, all relevant statutory obligations and codes of practice to which we subscribe

QUALITY

SMW's Quality Management System is managed by our managers and supervisors and supported by HOWSAFE.

The system aims to:

- Provide quality drilling
 - drilled on design location
 - drilled to design depth
 - drilled to design diameter
 - with accurate records of blastholes
- Provide the utmost client satisfaction
- Innovate and provide cost and time effective services
- Provide consistent and continuous quality improvements
- Ensure fulfilment of defined quality objective targets



DrillSafe is an SMW initiative developed to ensure our teams are equipped with the skills and knowledge they need to ensure every task is carried out safely and to best practice.

We value the lives and safety of our people and clients above all else and are committed to continuously improving our processes to remain at the forefront of the industry when it comes to maintaining a safe workplace.

HEALTH & SAFETY

With the assistance of reputable external safety consultancy firm HOWSAFE, we have developed a comprehensive online Safety Management System which complies with AS/NZ 4801 and OHSAS18001.

HOWSAFE supports SMW to ensure the ongoing development, implementation and monitoring of our safety system which is based on the following principles:

- We value the lives and safety of people above all else
- We always look out for the safety of our colleagues
- We expect all people associated with our business to accept personal responsibility for their own safety and that of others
- Working safely is a condition of employment
- All injuries can be prevented
- Employee engagement and training is essential
- Safety and health must be integrated in all business management processes



The SMW Way defines our best practice approach to all aspects of the business, including how we operate, how each business function collaborates to achieve collective goals, our minimum standards and our level of professionalism to ensure expectations are continuously exceeded. This means our clients can rely on us to deliver a consistent and high level of service, safety and results at every project.

THE SMW MAINTENANCE WAY

The SMW Maintenance Way applies specifically to our maintenance division and gives clarity on our systems, workflows, planning and processes to maintain rig availability and reduce downtime from unscheduled maintenance activities.

COMMUNITY & CSR

SMW takes community relations and its corporate social responsibility seriously.

Our policies on community, equal opportunity and anti-discrimination aim to:

- Promote employment policies and practices, which are based on the principle of merit and to introduce and pursue programs of affirmative action designed to encourage people traditionally disadvantaged in the workplace because of discrimination or prejudice
- Ensure there is no discrimination in recruitment, remuneration, selection, training, promotion and termination processes
- Employ locally where possible
- Recycle and reduce our energy consumption and carbon footprint where possible
- Support local charities, organisations and societies
- Utilise local businesses where possible



CONTACT

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