

# CAPABILITY STATEMENT

## DRILLING DIVISION

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**CAPABILITY**

**06**

**CABLE BOLTING**

**08**

**PRODUCTION DRILLING**

**LEADERS IN UNDERGROUND MINING**

PYBAR Mining Services is a nationwide provider of contract mining services with core competencies in underground hard rock mining.

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## SETTING THE STANDARD

PYBAR's drilling division sets the standard in fleet technology, availability and operation.

Our extensive drill fleet offers fit-for-purpose solutions to projects both nationally and internationally.

Optimum productivity is achieved via highly skilled and experienced personnel and the latest model equipment.

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# ABOUT PYBAR

## A LEADER IN UNDERGROUND MINING

A part of the PYBAR Group, PYBAR Mining Services' success is based on safe, rapid underground infrastructure development and consistent reliable production. We deliver on projects of any scale – from large established mining operations to greenfield developments.

### An integrated service offering

Together with PYBAR Group companies, PYBAR provides a comprehensive contract service offering to the mining industry.

## PYBAR Mining Services - Drilling Division

Our Drilling Division is headquartered in Orange NSW and is supported by PYBAR Group offices in Sydney, Perth, Darwin, Cobar, Parkes, Mount Isa and Kalgoorlie.

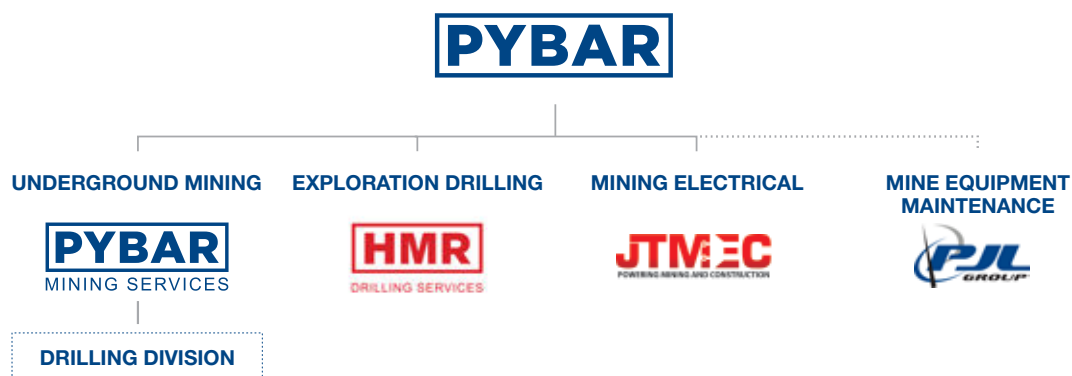
With a fleet of more than 50 drills and ancillary equipment combined with agility and responsiveness, we have the resources and capabilities to provide a scalable, market-leading service both nationally and internationally.

Overall, PYBAR has a fleet of more than 300 drills and ancillary equipment.

PYBAR has the agility and responsiveness of a private company, with the resources and capabilities to provide a scalable, market-leading service internationally.



## THE PYBAR GROUP OF COMPANIES



**SPECIALISED EXPERIENCE. FIT FOR PURPOSE RIGS. OPTIMISED PROJECTS.**

# A COMPREHENSIVE SERVICE OFFERING TO THE MINING INDUSTRY BACKED BY EXPERIENCED TEAMS, INDUSTRY LEADING SYSTEMS AND A CULTURE OF SAFETY AND EXCELLENCE.



## THE PYBAR GROUP BRANCH LOCATIONS





# THE WAY WE WORK

## OUR GOAL IS TO EXCEED EXPECTATIONS

Our role is to provide a value-adding service that delivers more profitable projects for our clients.

### Safety

Our focus is on achieving an injury-free workplace. The principles of risk management and continuous improvement are fundamental to PYBAR's overall business strategy.

Core to our values is safety which is supported by a number of strategies and policies.

### Quality Management

PYBAR's quality management strategy, conducted to AN/NZS ISO 9001, is backed by highly trained personnel, policies and systems that ensure consistency and conformance.

### Industry leading, information technology infrastructure

Our Drilling Division is backed by industry leading information technology and infrastructure to ensure the successful operation of a client's mine. Central to this are our communications and control processes that provide efficient and safe operations.

**SAFETY  
SERVICE  
RESPECT  
RESULTS**



# DRILLING CAPABILITY

## EFFICIENT PERFORMANCE AT ANY SCALE

PYBAR's drilling capability ranges from narrow vein small diameter production drilling through to large scale production top hammer and ITH drilling services.

Our full suite of drilling services encompasses:

- Cable bolting
- Production drilling - ranging from 54mm to 203mm in diameter
- ITH drilling - production, service, reaming and slots or vent rises - ranging from 115mm to 450mm in diameter
- Steel casing installation - paste fill, rising mains and service holes
- Narrow vein drilling

All our drills are fully mobile, allowing for rapid and independent relocation within mines and improved operator safety.



# CABLE BOLTING

HIGHLY EFFICIENT DRILL & INSTALL

Cable bolting drilling and installation is performed with the latest purpose-built, fully mechanised machines.



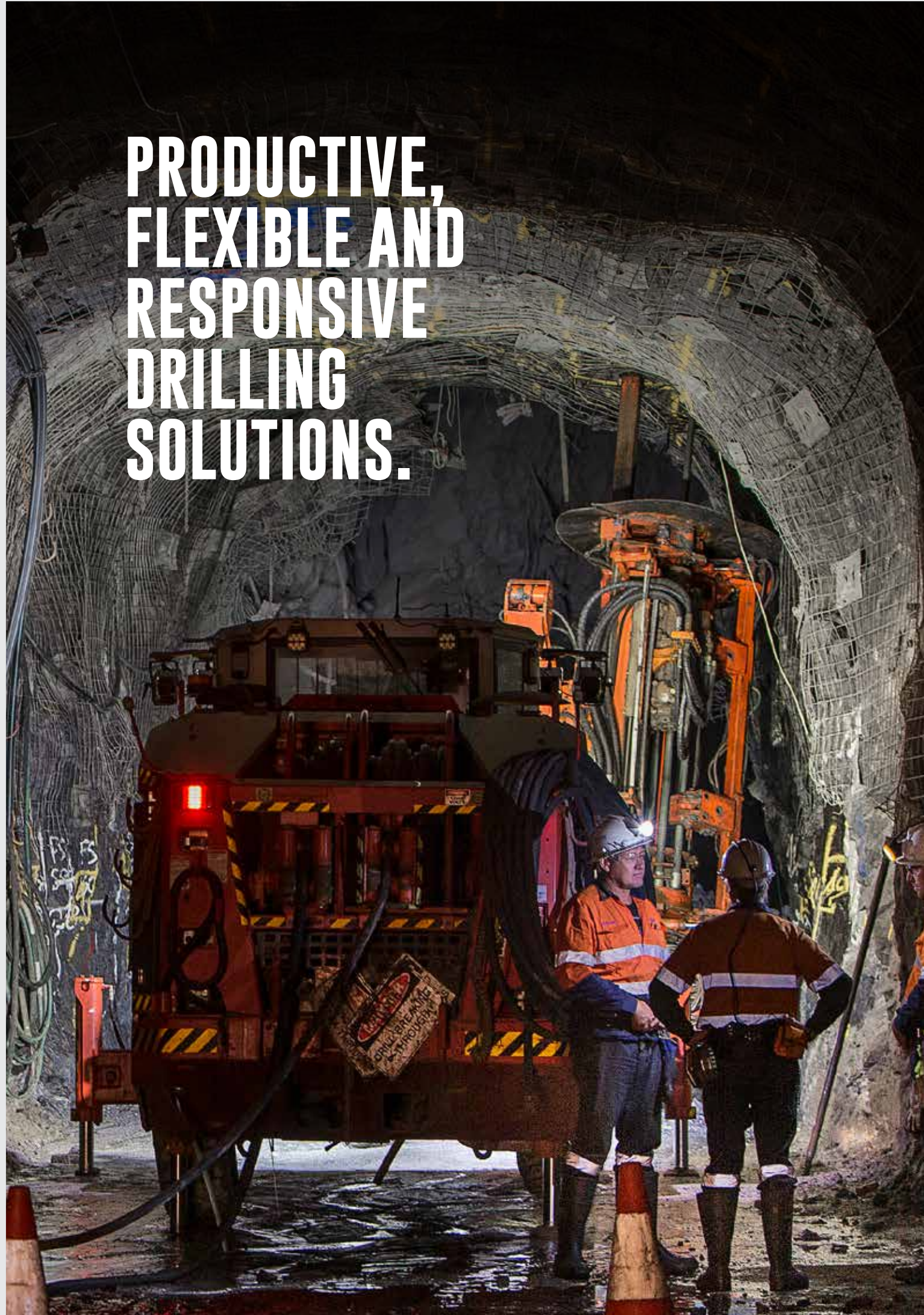
## SANDVIK DS421

### LARGE CABLE BOLTING RIG

- Drill hole diameters ranging from 51 through to 57mm holes, up to 25m cables
- Boom-mounted feed configured for HL510 drifter
- Service trucks, ITs, and cable plating and tensioning available



**PRODUCTIVE,  
FLEXIBLE AND  
RESPONSIVE  
DRILLING  
SOLUTIONS.**





# PRODUCTION DRILLING

## FAST, SAFE PERFORMANCE

We have an extensive drill fleet ensuring best-for-project solutions, fast mobilisation and availability. Optimum productivity is achieved via highly skilled and experienced personnel and latest model equipment.

Production drilling services:

- Top hole hammer with tubes and speed rods
- Horseshoe and boom-mounted drill configurations
- Production and slot drilling ranging from 54mm to 203mm in diameter



Image: Atlas Copco.

## ATLAS COPCO E7C SIMBA

### MEDIUM PRODUCTION DRILL

- Drill hole diameters ranging from 76mm through to 102mm (reaming to 203mm)
- Boom-mounted feed, configured for either the 2550MUX or 3060MUX drifter
- Full fan automation drilling
- Digital plan uploading and drill data downloading
- Certiq compatible





## SANDVIK DL421-15C

### MEDIUM PRODUCTION DRILL

- Drill hole diameters ranging from 89mm through to 102mm (reaming to 203mm)
- Horseshoe (A frame) configured for the 1560 drifter
- Full fan automation drilling
- Fitted with the Sandvik Optimine data system



## SANDVIK DL431-7C

### MEDIUM PRODUCTION DRILL

- Drill hole diameters ranging from 76mm through to 102mm (reaming to 203mm)
- Boom-mounted feed configured for either the HL710 or HL820 drifter
- Single hole automation drilling



# ITH DRILLING

## FLEXIBLE SOLUTIONS

PYBAR offers flexible ITH drilling solutions using the latest technology.



## CUBEX ARIES

### ITH DRILL

- Drill hole diameters ranging from 115mm to 445mm, to a depth of >200m
- Tyre-mounted, fully mobile and set up with a service truck with Hiab crane
- On-board high volume booster compressor
- Rod carousel and PS80 pipe skid to eliminate manual handling of drill rods
- Threaded steel casing installation capability for quick and safe installation of rising mains and paste fill



# PREMIUM PASTE FILL PIPES

## COST EFFECTIVE QUALITY

Welded steel casing for paste filling is costly and can often lead to problems including premature wear and wall failure.

### Solutions

To resolve these issues, we offer a premium paste line casing and connection range comprising threaded pipes of increased thickness that provide the following benefits:

- Increased paste fill pipe operating life
- Premium threaded connections reducing wearing at joints
- Increased wall thickness increasing operating life and tensile strength
- Reduced installation cost and lead time
- No requirement for costly and time consuming welding
- The ability to perform drilling and casing simultaneously with raise boring, eliminating the need for separate mobilisation of a crane





# NARROW VEIN DRILLING

**UNIQUE, MECHANISED NARROW  
DRIVE CAPABILITY**

PYBAR provides a unique and highly productive mechanised drilling solution, ideal for narrow drives.

Images: Atlas Copco.



## ATLAS COPCO SIMBA H104

### LONG HOLE DRILL

- Available with both development and production feeds
- Long hole diameters ranging from 45mm to 76mm (reaming to 152mm)
- Boom-mounted feed configured for the 1838ME drifter



**SKILLED TEAMS AND  
FIT-FOR-PURPOSE  
EQUIPMENT,  
NATIONWIDE.**





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