

**JSW**  
**DRILLING**



**CAPABILITY  
STATEMENT**

# **CONTENTS**

***PASSION***  
***COLLABORATION***  
***DETERMINATION***  
***SAFETY***



We have been associated with over **220** contracts



We have a growing workforce of more than **180** people



We have **38** rigs in our fleet



We have drilled over **12 million** metres  
This is equivalent to drilling through the centre of the earth



**500+** days LTI-free



Our longest running project is **eight** years and counting

# WE DELIVER A SUPERIOR PARTNERSHIP EXPERIENCE

**JSW Drilling provides exploration and production drilling services to surface projects across WA.**

Founded in 2010, we are one of Australia's largest and safest drilling and blasting companies.

We can meet the requirements of projects of any size, scope and location, and service all operational aspects from mineral exploration to production.

We are unique in our ability to provide a fit-for-purpose solution for all drilling applications:

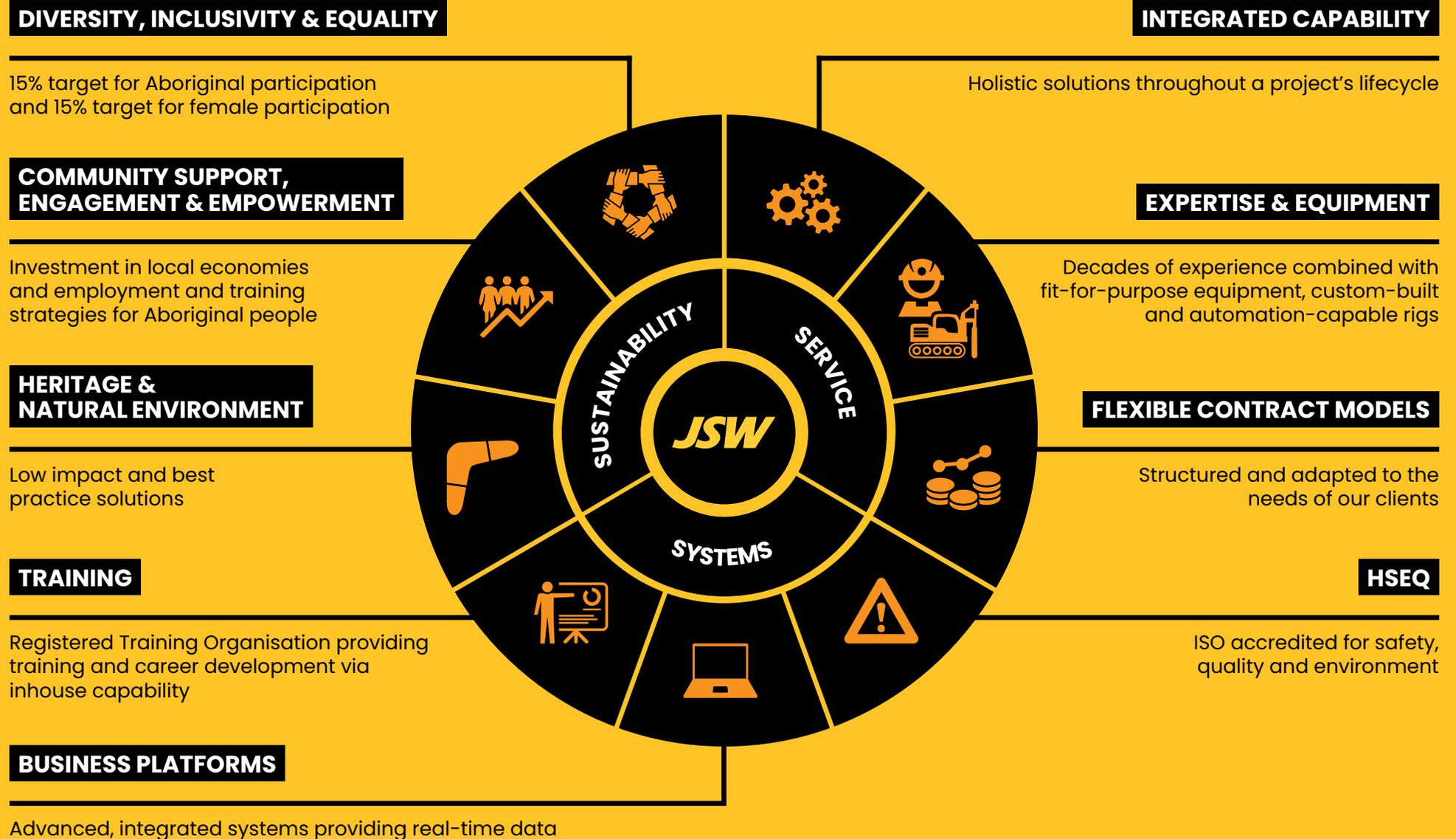
- Discovery and verification of all types of ore bodies
- Drilling and blasting solutions in all types of producing mines
- Development of specialised drilling solutions
- Dry or wet hire

Collectively, our long-standing management team has 100+ years of drilling experience. We bring this knowledge to every project to enhance our clients' commercial advantage.



We have an absolute commitment to building long term partnerships with our clients.

This is facilitated by our comprehensive service model which defines how we fulfill this commitment through nine focus areas under three core pillars of service, systems and sustainability.





*Our unique Equus rig is an all terrain, low environmental impact sampling solution for wet ground conditions and challenging, sensitive environments.*

## **MINERAL SAMPLING SERVICES**

JSW has extensive experience in resource definition and grade control drilling across multiple commodities including gold, iron ore, lithium, bauxite and nickel.

Our proven technologies and systems deliver safe, high quality samples in all ground conditions, on any terrain and at any location, while minimising environmental impact.

### **FLEET**

Our specialist fleet comprises truck and track mounted rigs with high on-board capacity air and large on-board rod capacity.

The fleet also includes high performance purpose-built rigs:

- The Equus rig is an all terrain, low environmental impact solution which utilises our unique Vac-core drilling system to deliver exceptional sample quality in wet ground.
- Our BBURG machine is a custom-designed, remote-controlled and automation capable RC drill rig.



*The BBURG is a customised, remote controlled and automation capable RC drill for safe, high performance grade control*

# DRILL AND BLAST

We have been specialists in production drilling and blasting since the early 1980s. This industry experience underpins the quality of our work and our innovative solutions.

Our team has a proven track record in the successful delivery of projects varying in size and complexity from large scale bulk iron ore and coal mining projects to mid-scale, quality-driven gold and lithium projects.

Our sensitive blasting capability has earned us a reputation as the go-to contractor for drill & blast in areas close to infrastructure and heritage sites.

## FLEET

We have one of the largest blasthole drill fleets in Australia, supported by trained maintenance crews and a state-of-the-art workshop.

Our drills are available for dry or wet hire, with full maintenance provided if required.

We offer a fit-for-purpose drill fleet ranging from small diameter top hole hammer drill rigs to large diameter downhole hammer and rotary drills, capable of drilling holes from 64mm to 450mm, up to 80m depth.



## **PROGRESSIVE METHODOLOGY FOR SENSITIVE AREAS**

We have developed a best practice methodology for drilling and blasting in sensitive areas.

The method has proven highly successful and encompasses:

- Advanced 3D modelling and design of the areas
- Advanced vibration prediction algorithms to predict vibration for every individual hole based on its specific charge weight and distance from a sensitive receiver
- Detailed timing initiation plans including focus around vibration frequency control
- Utilisation of electronic detonators to allow one millisecond timing interval control and advanced single hole firing capability
- Development of site-specific vibration laws based on collected data and analysis of vibration PPV and waveforms



# HSEQ

## HEALTH & SAFETY

JSW is one of Australia's safest drilling companies. We take pride in our safety performance record which consistently exceeds industry benchmarks.

We understand that mining operations are inherently variable and challenging and that we have to adapt and constantly improve to ensure the safe and efficient delivery of projects. Whilst our safety statistics at site level are often the best in the country, our culture of continuous improvement ensures we constantly aim to better previous results.

Our health and safety management plan has received ISO 45001 certification.

## ENVIRONMENT

JSW is committed to achieving the highest standards of environmental care and protection throughout our operations.

We have a highly developed environmental management system certified to ISO 14001.

The system ensures that our environmental impact is being measured and continuously improved.

## QUALITY

JSW is committed to the delivery of consistent and reliable industry leading services.

Leveraging our experience and determination to exceed expectations, we've built a reputation based on our performance.

JSW's quality management system is certified to ISO 9001 standards and we conduct our operations and management processes in accordance to requirements to deliver a best-in-class standard of quality and management.



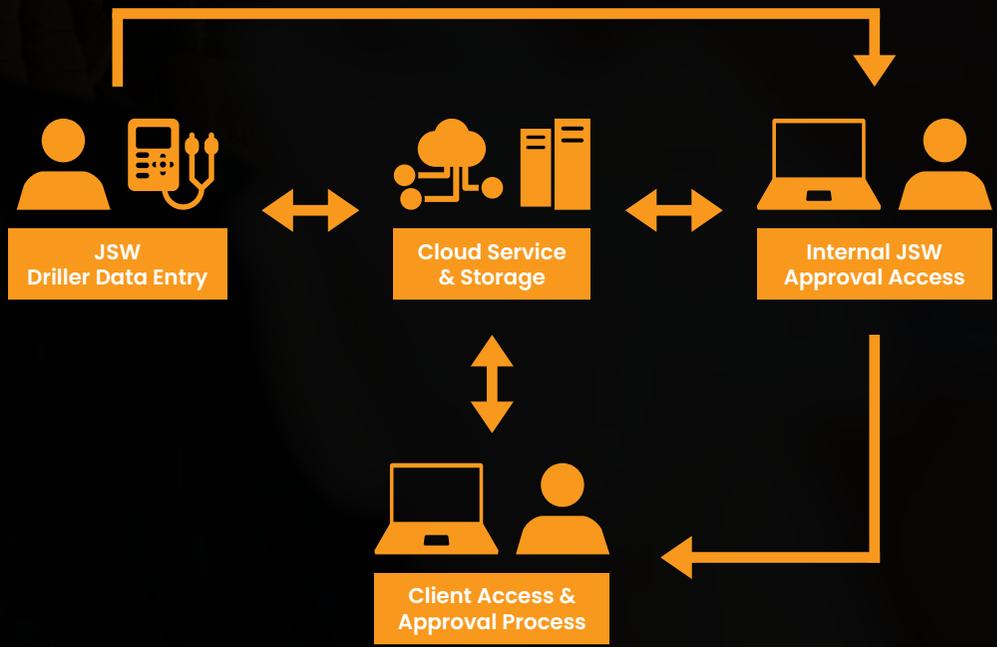
# BUSINESS PLATFORMS

Our drilling and blasting solutions are underpinned by integrated process and technology-driven business management platforms.

Our proprietary database, SMT 2.0 serves to improve efficiency, accessibility, data integrity and productivity for our clients.

Integrated technologies include:

- Real time drill performance measurement
- Cloud based data capture providing timely reporting to all stakeholders
- GPS drill guidance systems
- 3D drill and blast design modelling
- Electronic blast control
- Automated electronic IE inventory management
- AI fragmentation analysis



# REGISTERED TRAINING ORGANISATION

JSW is an independently audited Enterprise Registered Training Organisation (RTO) with the latest accredited qualifications.

Our people are the key to our performance and the successful delivery of our objectives. We invest, support, train and reward our teams.

Our workforce is trained to nationally accredited standards and has clear, structured progression and career paths. This in turn adds to the stability of our workforce which reduces the risk of incidents and poor performance.

JSW has been recognised through a number of awards including dual Finalist in the Department of Training and Workforce Development WA Training Awards for demonstrating outstanding leadership in the implementation of vocational education and training.



## TRAVEL

ALWAYS WEAR YOUR SEATBELT

- ▶ Do not drink and drive
- ▶ Do not use mobile phones while driving
- ▶ Do not use alcohol while driving
- ▶ Do not use drugs while driving
- ▶ Do not use your phone while driving
- ▶ Do not use your phone while driving
- ▶ Do not use your phone while driving

## LINE OF FIRE

ALWAYS POSITION YOURSELF TO AVOID MOVING OBJECTS, DROPPED OBJECTS, AND PRESSURE RELEASES

- ▶ Ejection seats are to be used when required
- ▶ Always wear your seatbelt before entering an ejection seat
- ▶ Do not place your body or any parts of it in the path of moving objects or between moving objects and fixed objects
- ▶ Always wear your seatbelt before entering an ejection seat
- ▶ Always wear your seatbelt before entering an ejection seat

## EXPLOSIVES

EXPLOSIVES ARE ONLY TO BE HANDLED BY SUITABLY TRAINED AND AUTHORISED PERSONNEL

- ▶ Erection work involving shoring, bracing or other temporary structures must be designed and approved by a qualified engineer
- ▶ Erection work involving shoring, bracing or other temporary structures must be designed and approved by a qualified engineer
- ▶ Erection work involving shoring, bracing or other temporary structures must be designed and approved by a qualified engineer

TOP CRITERIA

INSURE

PUBLIC INTERACTIONS

DIEBACK MGMT

Today's Activities	Hazards	Cr
Date: 30/11		
Driving	High Voltage	Cr
Site Travel	Unstable ground	Cr
Equipment Pre-start	Public interaction	Cr
Drilling	Tramming holes	Cr
Loader Operations	Moving work areas	Cr
	Identify	Cr
	DRIVING ON FALLSIST LOADS	Cr

# COMMUNITY SUPPORT, ENGAGEMENT & EMPOWERMENT

## COMMUNITY

Community involvement is important to JSW.

We have a strong history of supporting the local communities we work in through local charities, sporting teams and programs. We also utilise local businesses and buy local where we can.

Where possible, we recruit locally and partner with our clients to collaboratively develop regional programs which support both employment and development.

## INDIGENOUS ENGAGEMENT

JSW is committed to equality and diversity initiatives that deliver improved employment opportunities for indigenous Australians.

We have a clear objective to increase the numbers of indigenous Australians employed within the drilling industry. We deploy short, medium and long term strategies which aim to create broader opportunities and deliver sustainable employment and career development pathway.

Our joint venture partnership with Traditional Owner organisation Eastern Guruma has facilitated the employment and training of Eastern Guruma people at one of our Pilbara projects. This model is helping us to map out and action additional strategies across our other projects.





## ***DIVERSITY, INCLUSIVITY & EQUALITY***

**JSW fosters a culture of social consciousness.**

We have clear policies and targets to promote and support a diverse, inclusive workplace with equal treatment and opportunities for all.

On average, 10% of our employees are female and 10% are indigenous. At some projects, these figures have reached as high as 30%.

We are targeting a consistent 15% for both groups company-wide. Our pathway to reaching these targets include strategic partnerships, community engagement and training and employment programs.



## **HERITAGE AND NATURAL ENVIRONMENT**

JSW is respectful of the long history of first nations people and passionate about the protection and preservation of culture and natural environment.

We work closely with our clients and Traditional Owners to ensure operations are conducted in a collaborative and sensitive manner.

Further, we continue to invest in R&D to mitigate the environmental impact of our operations.

Several of our rigs have been designed or enhanced to reduce their environmental footprint while improving safety and drilling performance.

**PASSION**  
*COLLABORATION*  
*DETERMINATION*  
**SAFETY**

**JSW**  
**DRILLING**

**PASSION**  
COLLABORATION  
DETERMINATION  
**SAFETY**

+61 8 9494 1352  
5 Corokia Way  
Bibra Lake WA 6163

[info@jswaustralia.com](mailto:info@jswaustralia.com)  
[jswaustralia.com](http://jswaustralia.com)

f in

