



CRUSHING

CAPABILITY STATEMENT

KEY CAPABILITIES

- **Crushing**
- **Screening**
- **Materials handling**





ABOUT US

MACA's crushing division provides end-to-end crushing and screening services, tailored to the project. As a long-standing service partner for some of the largest mining companies across Western Australia, our reputation is built on reliable, safe and high-quality execution.

Founded in 2002, MACA is an international contracting group specialising in the delivery of services to the mining, infrastructure and construction sector industries. With a team of highly skilled and dedicated professionals, we safely deliver operational expertise and equipment tailored to suit the needs of our clients. Now as a proud Thiess company, our all-encompassing capabilities set us apart.

YOUR TRUSTED PARTNER

We pride ourselves on our collaborative and hands-on approach, ensuring informed decisions are made with a focus on reducing whole of life costs for our clients.

Our fleet of productive fixed and mobile plant, combined with our operational expertise and competent workforce, position us to deliver your project outcomes to the highest of standards.

We select the best supply chain partners to support us in meeting and exceeding our client needs, from quality planning, production, optimisation and efficiency.



CRUSHING AND SCREENING

A NEW LEVEL OF EFFICIENCY

We specialise in crushing, screening, and mineral processing service solutions. We construct, build, commission projects, and maintain an extensive fleet of mobile and fixed plant and machinery.

Our skilled teams provide safe, innovative, and efficient services for peak production for our clients across different mineral ores.

From design to construction and delivery, our material handling experts combine their knowledge to deliver optimal mineral processing solutions, including direct shipped ores (DSO), construction aggregates, sands and rail ballasts, and recycling material such as recycled aggregated pavement (RAP).

With a comprehensive inventory of track-mounted mobile and fixed crushing, screening, and stacking equipment, we are well positioned to supply services in the fields of DSO ores and aggregates. We pride ourselves on exceeding production targets, with our mobile plants processing up to 350 - 650 tonnes per hour, and our fixed plants handling up to 2500 tonnes per hour.

We configure our plant to suit evolving operational requirements to provide our clients with a tailored solution at a quantifiable cost, with minimal mobilisation and lead time. Using a combination of equipment types and small or large-scale plant arrangements, minerals of varying properties can be blended to create a client desired final product through measured application and experienced operators.

Our expert project management teams seek ways to build relationships with our clients, and in doing so, pursue ways to improve cost-efficiencies. MACA Crushing can reclaim delinquent stockpiles for added value and return on investment by removing unwanted foreign object debris (FOD). In addition, onsite short campaign mobile crushing can be a cost-effective alternate solution for our clients, compared to hauling aggregates by road from off mine sources.

CRUSHING

MACA Crushing has proven capability to exceed production expectations of preliminary crushing, inpit primary crushing, supplementary mill feed, ancillary crushing, and stockpiling of aggregated and direct shipped ores. From single-stage circuits through to more complex configurations, we provide any combination of equipment to meet our clients crushing and screening needs.

CURRENT PROJECTS

- **Fenix Resources**
DSO Iron Ore Lump & Fines (5 year project)
- **Gruyere Tracked mobile**
Hard rock crushing of construction RD base.
- **Gruyere Tracked mobile**
Hard rock crushing of Stemming.
- **Fortescue**
Herb Elliot Port works magnetite processing.

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**Our skilled teams
provide safe, innovative,
and efficient services.**

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PEOPLE FIRST

PEOPLE

With thousands employees working across Western Australia, Victoria and Cambodia, our people are our proudest asset.

We develop our people for the future of our business. The ongoing training and development of our people is essential at MACA.

We offer a wide range of initiatives across our business, giving our people the skills and support they need to excel within their environment. We empower our employees to be the best they can.

MACA's operational success is a testament to the skills and expertise of our diverse and talented workforce.

EMPOWERING OUR WORKFORCE

We develop our people for the future of our business. The ongoing training and development of our people is essential at MACA.

We offer a wide range of initiatives across our business, giving our people the skills and support they need to excel within their environment. We empower our employees to be the best they can.

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Trust, opportunity and growth are at the core of our high-performing culture.

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MACA CANCER 200



Since 2012, we have championed life-changing cancer research for the Harry Perkins Institute of Medical Research, becoming the title sponsor in 2015.

APPRENTICESHIPS



Our regular apprenticeship intake offers young and mature aged apprentices the opportunity to explore different areas within the Mining and Resource sector.

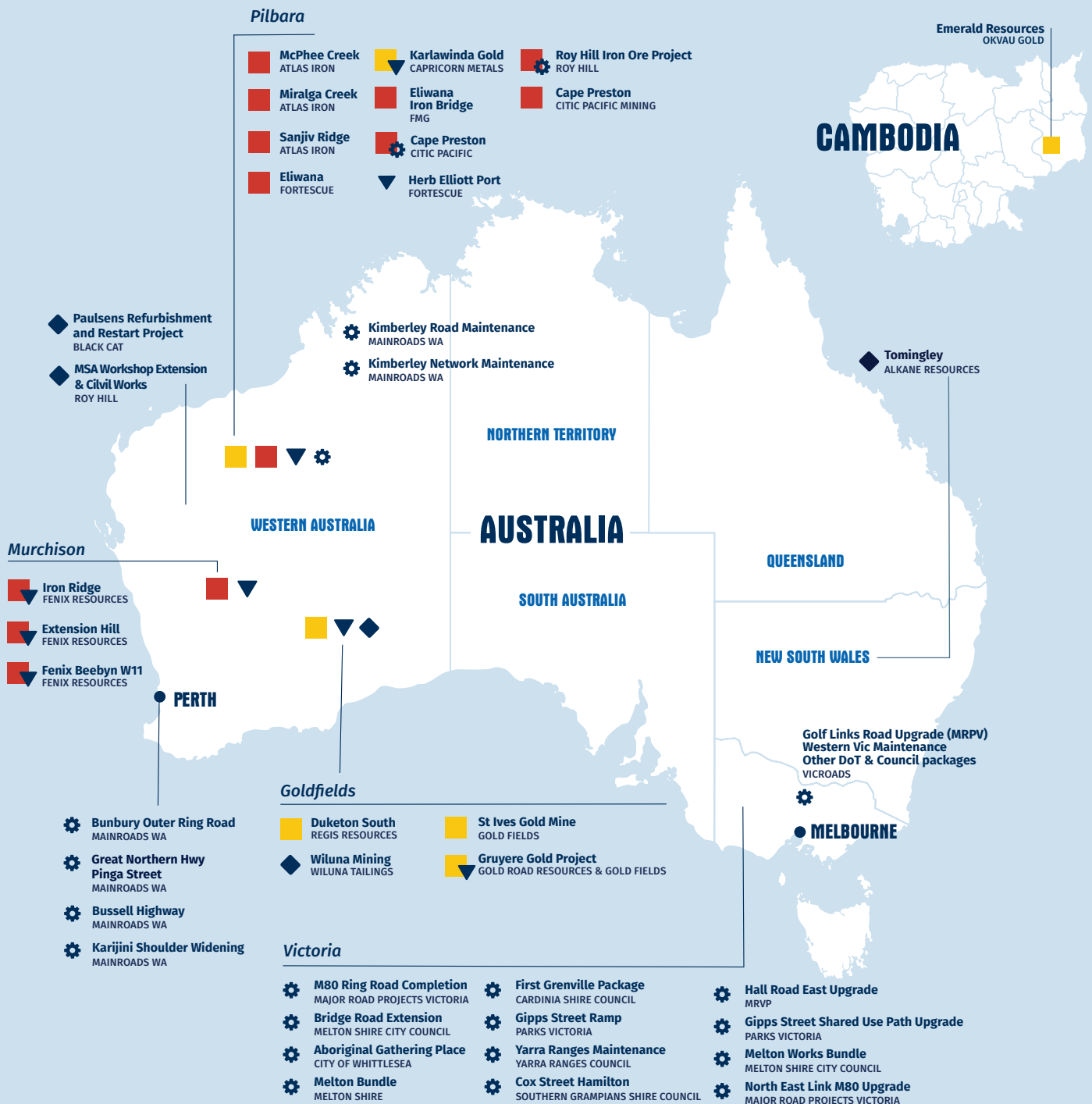
AREAS OF OPERATION

OPERATIONS

- Iron One
- Gold

FUNCTIONS

- Office
- Civil & Infrastructure
- Crushing
- MACA Interquip



Not to scale



OUR SAFETY MANAGEMENT FRAMEWORK

At MACA, we are committed to working safely and continuously improving our safety performance across our business. Creating a safe working environment for our employees remains our highest priority.

The Working Safely Framework is comprised of a six pillar, eighteen element framework, grouped under the headings of Leadership, Risk Management, Planning, Support and Documentation, Performance Evaluation and Continuous Improvement. It defines MACA's eighteen Management Standards and aligns with AS4801 and ISO 45001.

Each element of the framework establishes our business intent which allow for client systems and external requirements, such as legislation to be mapped and, as required, incorporated into the MACA Management System while still meeting business expectations.

**Working
Safely** 





RECENT PROJECT EXPERIENCE

PROJECT	CLIENT	LOCATION	SERVICES	COMMODITY	VOLUME
Iron Ridge	Iron Ridge	Iron Ridge	Crushing and screening	Iron ore	2.3Mtpa
Duketon Operations	Regis Resources	Goldfields, WA	Crushing and screening	Gold	1Mtpa
Eliwana	Fortescue Metals Group	Pilbara, WA	Crushing and screening	Iron ore	1Mtpa
WAIO Stemming	BHP	Pilbara, WA	Crushing and screening	Iron ore	1.6Mtpa
Mining Area C	BHP	Newman, WA	Crushing and screening	Iron ore	10-15Mtpa
Gruyere JV	Gold Fields and Gold Road	Goldfields, WA	Crushing and screening	Gold	1Mtpa
Eastern Ridge	BHP	Newman, WA	Crushing and screening	Iron ore	5-7Mtpa
Abydos	Atlas Iron	Pilbara, WA	Crushing and screening	Iron ore	3-7Mtpa
Mt Webber	Atlas Iron	Pilbara, WA	Crushing and screening	Iron ore	2-3Mtpa
Mt Dove	Atlas Iron	Pilbara, WA	Crushing and screening	Iron ore	2-3Mtpa

INVENTORY

TRACK-MOUNTED MOBILE EQUIPMENT

CONE CRUSHER

McCloskey C4 crusher.....	1
Striker CM400 cone crusher.....	5
Striker CQ300 cone crusher.....	1
Maxtrak 1300 cone crusher.....	2

JAW CRUSHER

Metso Locotrack LT120.....	1
McCloskey J50 jaw crusher.....	1
Striker JM 1310 jaw crusher.....	5
Striker JM1180 jaw crusher.....	1
Kleeman Wirtgen MC120 jaw crusher	

SCREEN

Striker SQ185 inclined screen.....	1
6203R Horizon horizontal screen.....	2
TEREX Finlay 984 horizontal screen.....	1
TEREX Finlay 883 scalping screen.....	1
Kleeman Wirtgen MS21 scalping screen.....	2

FIXED / MODULAR PLANT EQUIPMENT

Metso Nordberg HP4 cone crusher.....	4
Cedarapids LJ-TSV series horizontal screens.....	8
Telescopic Radial stockpilers.....	4
Surge bins and vibration feeders- multiple	
HP6 Norberg cone crusher.....	3
Metso TS5.2 banana screens.....	2
C160 Nordberg jaw.....	1
45m Stacker conveyor.....	4
30m Stacker conveyor.....	5
24m Stacker conveyor.....	20
18m Stacker conveyor.....	5
15m Stacker conveyor.....	5

SUPPORT ANCILLARY EQUIPMENT

- Front-end wheel loaders
- Hydraulic excavators
- Demountable buildings (portable offices, workshops, domes, and ablution blocks)





A **THIESS** COMPANY

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