

The **RIX** Group

Capability Statement



12

industry sectors covered

MINING / TUNNELING / ROADS
RAILWAY / PORTS / INDUSTRIAL
ENERGY / WATER / GOVERNMENT
RESOURCES / DEFENCE / COMMS

DISASTER RECOVERY

On-call Critical
Response teams
for fast, efficient
asset recovery.

5bn+

total project value (AUD)

RIX

Ground Engineering
Solutions

RGE

Ground Improvement
Specialists

The RIX Group of Companies

RAM

Rope Access
Maintenance

ABURRA RIX™

Indigenous
Contracting

OUR CAPABILITIES



We cover ALL
ground engineering
services



500+

total fleet number

SPECIALIST EQUIPMENT

If we don't
have it, it
doesn't exist

550

total combined staff

The RIX Group of Companies

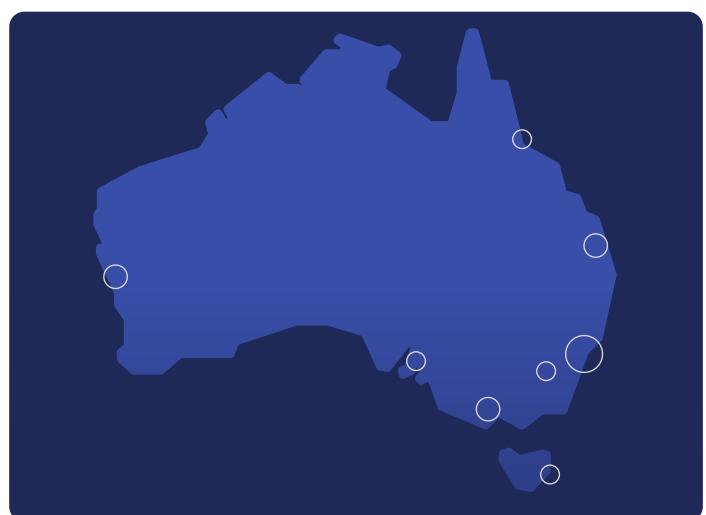
For over 25 years, The RIX Group of Companies has delivered specialised, high-quality ground engineering services to clients across Australia. We offer the most comprehensive range of solutions available to the industry, with capabilities extending to ground anchoring, retention and foundation piling, ground improvement, rope access, steel fabrication, and all aspects of shotcrete and slope stabilisation.

We invest heavily in modern plant and research to develop efficient, technical solutions to project requirements. From first consultation to successful handover, we work closely with you to tailor our services to meet your objectives. Whatever you need, RIX will make it happen.

Delivering engineered solutions built on expertise, innovation, and a commitment to excellence.

Our Coverage is Australia Wide

We operate Australia-wide, delivering expertise and solutions wherever they are needed.



Our History

Founded in 2000, The Rix Group began as a specialist in steel fixing for shotcrete shoring walls, underpinning, and slope stabilisation. Over the years, strategic acquisitions and expansions have strengthened our capabilities, allowing us to deliver a full range of ground engineering solutions nationwide.





Specialists in complex ground engineering and geotechnical solutions.

Rix Specialist Contracting delivers expert ground engineering solutions, combining innovation, precision, and industry-leading expertise. With a focus on complex infrastructure and geotechnical projects, we provide tailored solutions backed by cutting-edge technology and a highly skilled workforce.

OUR RANGE OF SERVICES



Ground Anchoring



Retention & Foundation Piling



Shotcrete



Slope Stabilisation



Underground Services



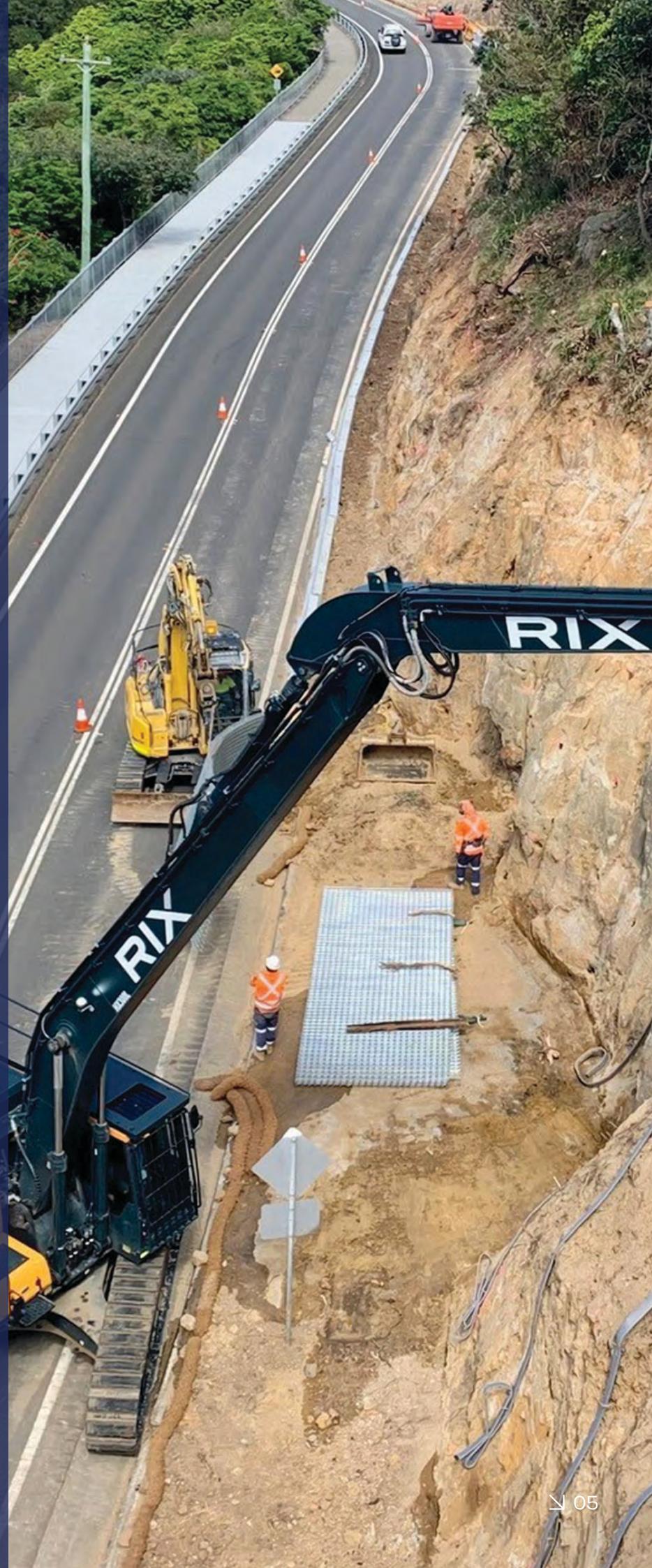
Architectural Shotcrete & Simulated Rock



Rope Access Works



Steel Fabrication





Ground Anchoring

RIX provides ground anchoring solutions for complex and restricted access environments, meeting the highest Australian Standards with precision and reliability.

- ▽ Permanent and temporary ground anchors
- ▽ Removable ground anchors
- ▽ Soil nails and rock bolts
- ▽ Anchor stressing and testing



Shotcrete

RIX is Australia's leading shotcrete applicator, delivering high-quality solutions for ground engineering and architectural finishes. Our teams apply over 30,000 cubic metres annually, ensuring durability and precision.

- ▽ Retaining and shoring walls
- ▽ Slope stabilisation and embankments
- ▽ Underground and tunnel support
- ▽ Simulated rock and architectural finishes



Retention & Foundation Piling

RIX provides tailored piling solutions, offering D&C options to ensure cost-effective and site-specific retention and foundation piling. Our diverse fleet and expertise enable seamless delivery of complete shoring wall packages.

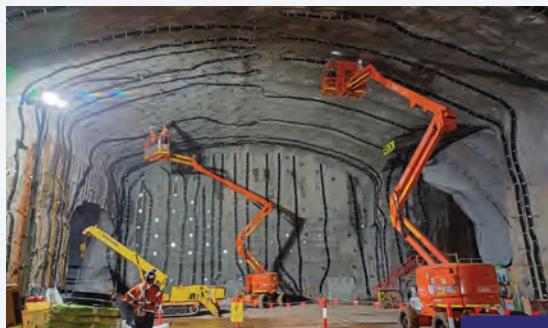
- ▽ Design and construction of shoring walls and foundation piles
- ▽ Bored, CFA, and micro piles
- ▽ Secant and contiguous piled walls
- ▽ Pile testing and pendulum drilling



Slope Stabilisation

RIX specialises in a variety of slope stabilisation methods, providing safe and efficient solutions for commercial, mining, and construction projects. Our expertise ensures the safe removal and stabilisation of hazards like loose rocks and poor ground conditions.

- ▽ Upslope and downslope stabilisation
- ▽ Soil nailing and rock bolting
- ▽ Rockfall mesh drapes and barriers
- ▽ Erosion control, shotcrete, and rope access works



Underground Services



RIX specialises in underground construction, delivering high-quality solutions in confined and challenging environments. Our skilled teams and specialist equipment ensure precision and efficiency across all projects.

- ▽ Shotcrete application (hand and robotic)
- ▽ Drilling, anchoring, and bolting
- ▽ Waterproofing and polyurethane injection
- ▽ Installation of services and ventilation

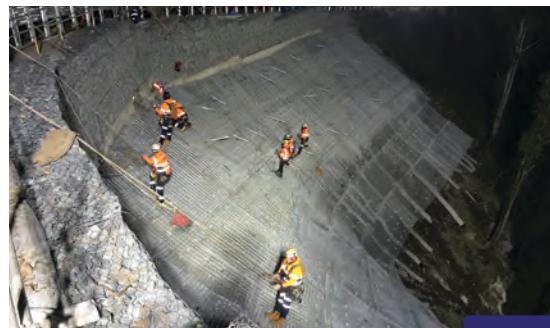


Architectural Shotcrete & Simulated Rock



RIX excels in creating realistic simulated rock and architectural shotcrete, offering lightweight, durable, and weather-resistant solutions. We custom design formations to meet specific needs, providing flexibility to replicate natural environments with high precision.

- ▽ Sea walls and slopes
- ▽ Concrete sculptures and water features
- ▽ Road and rail cuttings
- ▽ Simulated natural environments



Rope Access Works



RIX delivers specialist geotechnical rope access services, utilising IRATA-certified technicians and advanced equipment for safe and efficient upslope and downslope operations.

- ▽ Slope inspection, maintenance, and repair
- ▽ Rock scaling, removal, and vegetation clearing
- ▽ Rock fall protection barriers and mesh drapes
- ▽ Confined space works and shotcrete applications



Steel Fabrication



At RIX, we offer in-house steel fabrication services, producing key elements for our ground engineering projects. Our experienced team designs and manufactures steel components with full quality control, ensuring precision and reliability for every project.

- ▽ Anchor brackets and 'spider' plates
- ▽ Walers, braces, and struts
- ▽ Structural steel and anchor manufacturing
- ▽ Rock bolt and soil nail fabrication

RGE

RIX GROUND ENGINEERING

**Delivering innovative
ground engineering solutions
for complex infrastructure
projects.**

RIX Ground Engineering (RGE) was established in 2019 as part of The RIX Group and has rapidly grown, servicing major infrastructure and building projects throughout Australia. We deliver the highest quality work using the techniques below.

OUR RANGE OF SERVICES

 Jet Grouting	 Grouting
 In-Situ Soil Mixing	 Restricted access piling & micropiles
 Rigid Inclusions	 Ground Anchors
 Canopy Tubes	 Deep geotechnical investigation
 Slurry Walls	 Design & Construct



Jet Grouting



Jet grouting is an in-situ soil mixing technique where grout jets erode and mix the soil to form soilcrete, providing high strength and low permeability. This flexible and powerful technique is ideal for restricted access and working under existing structures.

- ▽ Suitable for conventional and restricted access
- ▽ Works with all soil types, particularly sands and soft clays
- ▽ Increases bearing capacity and strength
- ▽ Reduces settlement and decreases permeability



In-Situ Soil Mixing



RGE utilises advanced in-situ soil mixing techniques to convert soft soils into high-strength material, reducing settlement and permeability while immobilising contaminants. This efficient method delivers quick results, making it ideal for a range of ground improvement projects.

- ▽ Increases strength and reduces settlement
- ▽ Quick results (hours/days)
- ▽ Creates groundwater barriers
- ▽ Low environmental impact

Grouting



RGE provides a range of grouting services, including water stop grouting, pressure grouting, and permeation grouting, designed to seal water flow and improve ground stability across various environments, from tunnels to fractured rock.

- ▽ Stops water flow, reduces permeability, and increases strength
- ▽ Suitable for all soil and rock types
- ▽ Works in restricted access and underground environments
- ▽ Minimises long-term maintenance costs

Restricted Access Piling & Micropiles



RGE provides micropiling solutions for restricted access, ideal for retrofitting existing structures, using compact and powerful piling rigs.

- ▽ Ideal for restricted access with low headroom
- ▽ High load capacity with minimal noise and vibration
- ▽ Suitable for foundation upgrades and slope stabilisation
- ▽ Effective through rock fill, rubble, and obstructions

Rigid Inclusions



RGE uses Finite Element Analysis to design Rigid Inclusions, offering a cost-effective ground improvement solution by distributing the load between the inclusion and the soil.

- ▽ Efficient load-sharing design
- ▽ Ideal for embankments, warehouses, and pavements
- ▽ Cost-effective and fast installation
- ▽ Minimal noise, vibration, and spoil

Ground Anchors



We specialise in high-capacity, permanent ground anchors, including SBMA and pressure grouted anchors for diverse applications.

- ▽ Working loads from 5kN to 9000kN, including multi-strand anchors
- ▽ Suitable for soft ground to hard rock conditions
- ▽ Installation in restricted, remote, and marine locations
- ▽ Long design life, up to 120 years

Deep Geotechnical Investigation



RGE specialises in geotechnical investigations across remote and restricted access locations, offering a full range of services from soil testing to deep coring and downhole testing. We provide complete turnkey solutions, from access construction to reporting.

- ▽ Portable to track/truck-mounted rigs
- ▽ Coring up to 1000m depth
- ▽ Full turnkey solutions
- ▽ Experienced, mine site-qualified personnel

Slurry Walls



RGE constructs slurry walls to create low permeability barriers that manage ground water and contaminants, ensuring containment or flow prevention. Our expertise covers depths from 5m to 40m.

- ▽ Lowest permeability barrier
- ▽ Cost-effective solution
- ▽ Works in waterlogged and unstable soils
- ▽ Ideal for groundwater and contaminant containment



▽ 10

Canopy Tubes



RGE provides roof support for tunnelling with canopy tubes, installed in advance to ensure stability, especially in weak ground. We offer rigs for both high reach and restricted access applications, accommodating various project requirements.

- ▽ Roof support in advance of tunnelling
- ▽ Available in 114mm to 508mm diameter, up to 40m length
- ▽ Works in restricted access with 2m headroom
- ▽ Fast installation with high efficiency

Design & Construct



With over 50 years of experience, RGE delivers cost-efficient, practical, and effective designs, ensuring the best solution for each project.

- ▽ Focus on cost-efficient constructability
- ▽ In-house design by qualified engineers
- ▽ Tailored solutions to client needs
- ▽ ISO 9001 certified

RAM

RIX ASSET MAINTENANCE

Your partner for rope access and geotechnical work.

As part of The RIX Group, RIX Asset Management (RAM) provides specialised services for infrastructure, demolition, and maintenance projects across Australia. We combine experience and innovation to deliver high-quality, efficient results for every project.

OUR RANGE OF SERVICES

 Rock Fall Protection Barriers/
Catch Fences

 Rock Fall Mesh Drapes

 Scaling/Rock Removal, Drill and Blast

 Rock Bolts

 Shotcrete

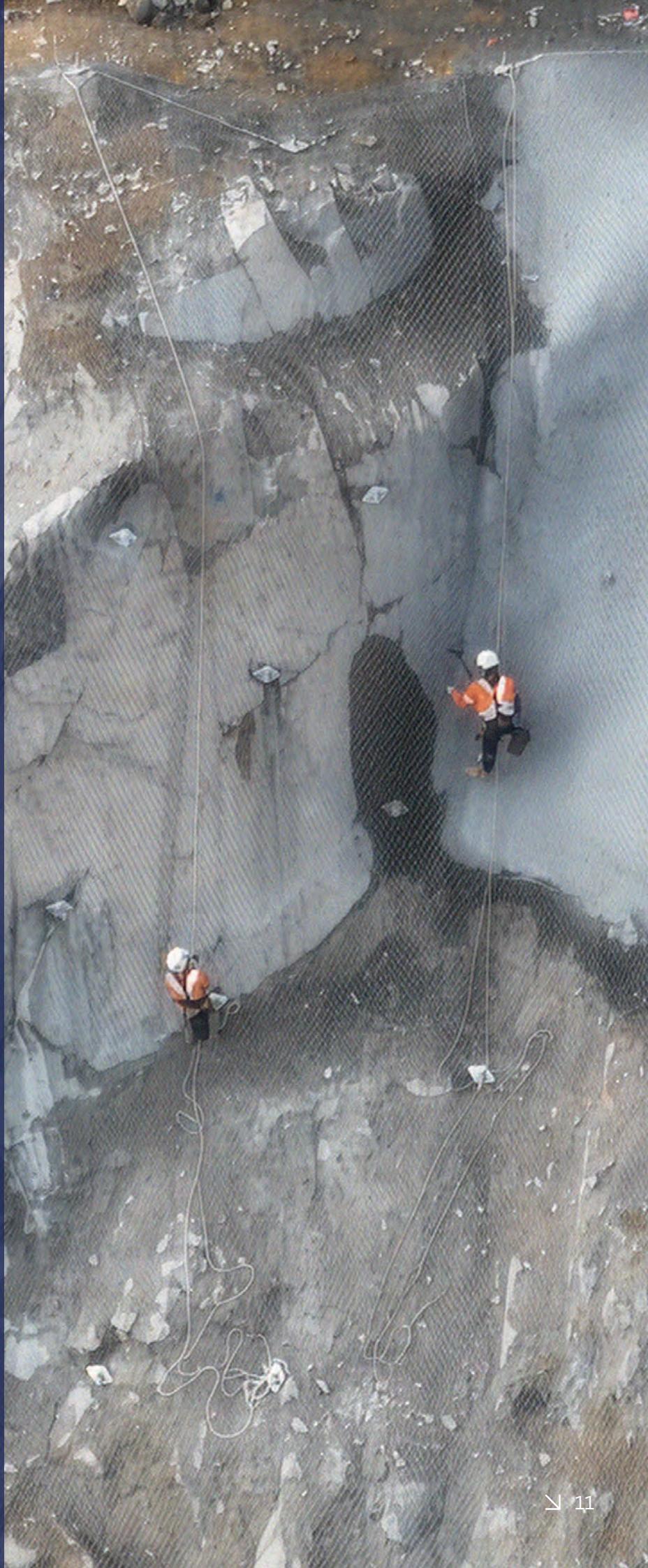
 Non-Destructive Testing

 Repairs, Maintenance, Blastings and Coatings

 Advanced Rigging

 Specialist Concrete and Membrane

 Emergency Works



Specialist Rope Access Providers

RAM offers safe, efficient rope access solutions for challenging environments. Our skilled team delivers expert services for construction, mining, and maintenance projects, ensuring reliable access to hard-to-reach areas with minimal disruption.

Geotechnical

Rock Fall Protection Barriers/ Catch Fences



RAM installs barriers to stop impact energies up to 10,000 kJ for safety.

Rock Fall Mesh Drapes



We install mesh systems for slopes with no heavy machinery.

Scaling/Rock Removal, Drill and Blast



RAM scales and removes rock using hand tools, excavators, or drill and blast.

Rock Bolts

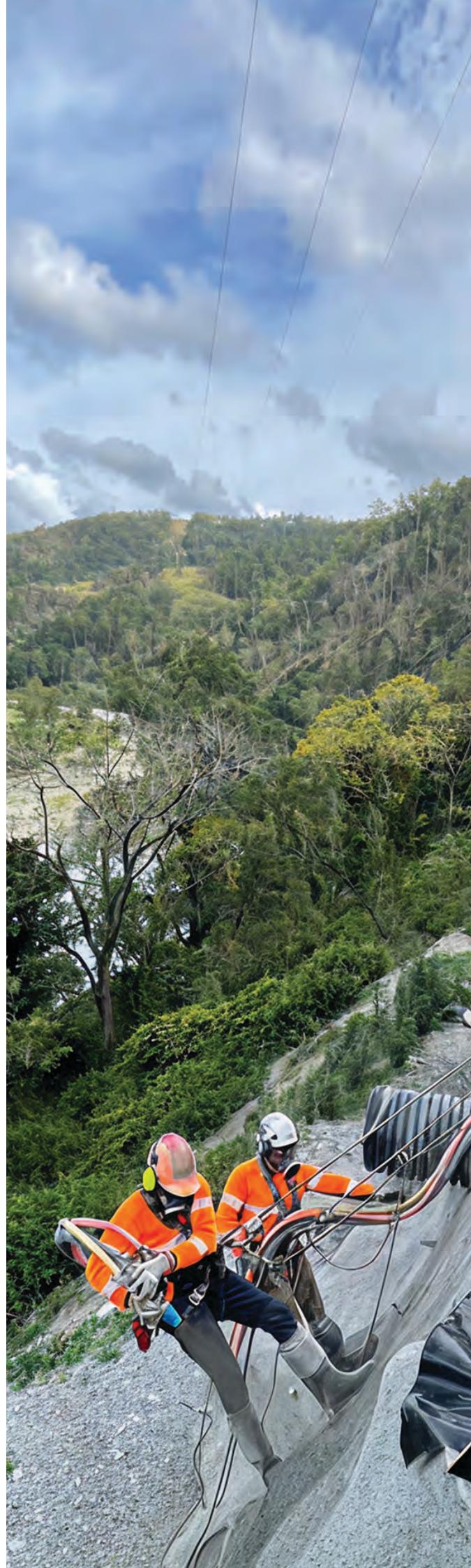


We drill anchors and bolts in hard-to-reach areas with portable equipment.

Shotcrete



RAM sprays shotcrete and installs anchors, nails, and bolts.





Asset Maintenance

Non-Destructive Testing



Rope access testing for corrosion protection in mining and energy sectors.

Repairs, Maintenance, Blastings and Coatings



Rope access teams for repairs, blasting, welding, and confined space work.

Advanced Rigging



Certified riggers perform complex lifts in tough access locations.

Specialist Concrete and Membrane



Concrete and membrane repairs using modern techniques in difficult locations.

Emergency Works

Rapid Response Teams



RIX Asset Maintenance has the skills and experience to carry out rapid response geohazard mitigation works when time is critical for community and asset protection. Our rapid response teams deploy within 24 hours to attend to damage caused by bushfires, flooding, landslides, cyclones, earthquakes, or any other catastrophic event.



Aburra Rix Indigenous Contracting Joint Venture (ARIC JV) is a strategic partnership between Aburra and The RIX Group focused on delivering construction project opportunities while providing employment and support to local Indigenous communities. By combining expertise and a commitment to community engagement, ARIC JV aims to drive long-term economic benefits for Indigenous people, strengthen partnerships, and foster sustainable development.



Delivering engineered solutions built on expertise, innovation, and a commitment to excellence.

A Joint Venture for Change

ARIC JV is dedicated to creating a socially responsible and mutually beneficial partnership, focusing on community engagement, cultural awareness, and workforce development. The joint venture strives to provide clear, measurable benefits to Indigenous communities while strengthening its role as a leader in delivering quality employment and training opportunities.

Through this JV we hope to create many opportunities for employment, education and training to local Indigenous communities.

Aburra Community Projects



Seaforth Public School

Commissioned Indigenous artwork to celebrate students' journeys and deepen cultural understanding.



Matraville Sports High School

Sponsors the school's football team and helps Indigenous students with employment opportunities.



The Clontarf Program

Supports Indigenous youth at Matraville Sports High by integrating trade training into their final school years.



UNSW Aspire Program Fund

Provides Indigenous students with university exposure and industry networking opportunities.



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Accredited to:

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018
AS/NZS ISO 3834 – Part 2, Part 3