

# CAPABILITY STATEMENT 2017

ROCK DRILLING  
EXPLOSIVES  
EARTHWORKS  
MATERIAL SUPPLY



**NORTHROCK**  
PTY LTD

GROUND BREAKING SOLUTIONS

[www.northrock.net.au](http://www.northrock.net.au)

# ABOUT US



**Northrock Pty Ltd is a privately owned specialised service provider to the mining, quarrying and civil construction sectors. Northrock has provided drill and blast services to clients throughout WA and the NT for 17 years from its base in Karratha, Western Australia.**

**Northrock provides the following services:**

- Production drill and blast (rock on ground) packages for mines and quarries.
- Civil construction-rail and road cuttings
- Drill hire – wet or dry
- Explosive supply
- Contract blasting and blast optimisation
- ANFO truck hire
- Cable bolting and anchor bolting
- Demolition – steel and ferro concrete
- Non-explosive rock removal
- Magazine hire and construction

Our main office and engineering workshop is located at 'The Facility' Lot 652, 654 Dampier Road Karratha.

The fully equipped state of the art engineering workshop is capable of precision machining.



# DRILL & BLAST

**Northrock has an excellent record in the delivery of a safe, timely, cost effective drill and blast service across the mining, quarrying and civil construction sectors.**

**Northrock owns and operates a fleet including:**

- 12 Reedrill SCH5000CL (GD5000) blast hole drills
- 2 Drilltech D40KS blast hole drills
- 1 Drilltech D55KS blast hole drill
- 1 Ingersoll Rand DM25 blast hole drill
- 2 specialist excavator mounted DTH production drills
- 2 Tamrock exploration drills
- 5 ANFO trucks

These drills have the capacity to drill 76mm to 127mm vertical or angled holes to depths of 30m and up to 165mm holes to depths of 12m.

The D40KS, D55KS and DM25 units are large down the hole hammer (DTH) production drills that drill up to 311mm diameter holes and have an application in large, open cast mining operations.

The truck mounted ANFO mobile mixing units (MMU) allow Northrock to ensure a timely bulk, down the hole dry blasting service, giving clients certainty of supply.

Complemented by innovative modular AN systems, the MMU's and drills combine to provide a complete rock on ground service that is especially competitive in remote operations, in locations where supply from the major providers is logistically difficult or where volumes are such that establishment of such facilities by mainstream service providers is unavailable.

Northrock can also provide MMU's on a dry hire or wet hire basis for short or long term projects.

**Our Drill & Blast Services include:**

- Production Drill & Blast/ Rock on Ground Services
- Rockbolt drilling & installation
- Technical drilling
- Cathodic protection & earthing rods
- Exploration drilling
- Grade Control
- Water Bores
- Explosive supply & blasting services
- Specialised controlled blasting
- Demolition blasting
- Penetrating and cutting charges
- Non-explosive rock removal techniques

Our drill and blast project managers, quarry managers, supervisors, shotfirers, drillers and shot crew have extensive experience working on a wide variety of drill and blast projects throughout Australia.



# EARTHWORKS



**Northrock has significant experience and capacity in the civil construction, mining and earthworks sectors, with capabilities ranging from short-term equipment and labour hire to long-term civil construction and mining projects.**

**Northrock owns and operates a small fleet of medium to large sized earthmoving machinery including:**

- CAT Graders
- CAT D10R Dozers
- CAT 994 - IT28 Loaders
- CAT 777 - 740 Dump Trucks
- HITACHI 120t - 35t Excavators
- Water Carts
- Various ancillary light vehicles and service trucks, containerised workshops and water trailers

We can hire additional plant as required to suit individual project requirements.

Northrock's entire fleet is maintained on site to optimum working condition by our mobile service trucks. We also have a fully-equipped mechanical workshop facility in Karratha.

Northrock offers a full service civil and mining construction solution with a 'do it well' culture. We look for opportunities to bring innovation and efficiency to the means, methods and approaches that we take on every project, and we have the expertise to anticipate and respond to challenges.

**Northrock's engineering services include:**

- Foundations
- Slope Stabilisation
- Marine reclamation
- Coastal protection
- Geotechnical investigations
- Road and rail
- Concrete supply and placement

# OUR EXPERIENCE



## Previous Mining Projects include:

- Gullewa Gold Mine
- Whim Creek Copper Project
- Black Swan Nickel, (HWE)
- Range River Gold / Indee Gold Project,
- West Wandoo Copper Project, (Fox Resources)
- Tom Price Operations, (Pilbara Iron)
- Brocks Creek Project, NT (G&K Akers)

## Previous Quarry Projects:

- Simcoa Quartzite Mine, Moora (Boral)
- Indee Quarry, Port Hedland (BGC)
- KBED Quarry, Burrup Peninsular (BGC)
- Suicide Alley Quarry, Burrup Peninsular (BGC)
- Elazac Quarry, Port Hedland (BGC)
- Mount Regal Quarry, Karratha (Hanson, Boral)
- Bardies Well Quarry, Karratha
- Tom Price Quarry, (MCS)

## Previous Civil Construction Projects:

- Woodside TSEP Project, Burrup Peninsular (BGC)
- Bulk Liquids Berth, Dampier (BGC)
- Port Upgrade II, Dampier (Macmahon)
- East-West Services Corridor, Burrup (HWE)
- Tug Boat Harbour, Cape Lambert (Macmahon)
- Pre-Strip, Nammuldi (NRW)
- Southern Transport Corridor, Geraldton (Thiess)
- Varanus Island Camp (Thiess)
- Woodside TOT4 Project (BGC)
- SKM PSU Project (Rio Tinto)
- Sino Iron Project (MCC, BGC, KT Pipeline, Georgiou, Redline, HiCal)
- FMG Solomon Rail Project (Macmahon)
- Birra Birra Camp Demolition Cape Lambert (CMA Contracting)

# DEDICATION TO SAFETY

**Northrock considers the protection of the Health, Safety and Security of people and the environment as critical for the overall success of the company.**

## **POLICY**

Northrock is committed to providing a Healthy and Safe work place where the Environment is thoughtfully protected. All personnel shall put this requirement at the top of their list of priorities when carrying out any work of any type for Northrock believes that all work related injuries, diseases, environmental damage and property losses are preventable, and that safety is good business. We simply cannot prosper as a company or as an individual if we do not regard the prevention of injury or ill health to all persons and protection of the environment as the highest priority. Anyone who does not prescribe to this priority is not welcome in our workplace.


## **OBJECTIVES**

Northrock objectives for the fulfillment of this policy are:

- To be an industry leader in occupational Health, Safety and environment protection.
- To ensure that safe work practices are developed that minimize risk and by providing facilities and equipment that are designed to minimize hazards.
- To ensure that no work starts without confirmation that Health, Safety and Environment systems are in place and that if any person or the environment becomes endangered, operations are to be suspended.
- To audit and continually improve occupational Health, Safety and Environmental standards and procedures.
- To promote a proactive approach to Health, Safety and Environmental protection and encourage all personnel to participate actively in the development of programs.
- To provide appropriate levels of health care and rehabilitation for all personnel.
- To ensure that all contractors and third parties clearly understand and adhere to this policy and where necessary, assist them to comply with requirements of this policy.

## **RESPONSIBILITIES**

The Management team, Safety committee and all employees and contractors are responsible for implementing this policy, through the application of the HSSEP and procedures.



Kurt Mauritz  
Director  
Northrock

29th August 2016



# OTHER SERVICES



**In addition to our core drill & blast business, Northrock can provide innovative solutions for various related activities through our sister company General Robotics.**

In addition to our core drill & blast business, Northrock can provide innovative solutions for various related activities through our sister company General Robotics.

**These services include:**

- Parts and machine component manufacture
- Hydraulic hose and fitting supply
- Hydraulic component rebuilds and medication

**We are also able to manufacture:**

- Modular Ammonium Nitrate storage systems
- Explosives magazines



# MATERIAL SUPPLY



**Northrock operates Bardies Well Quarry. Conveniently located 8km South of Karratha's Light Industrial Area the quarry can supply the following:**

- Common fill
- Blue rock products
- Decorative stone
- Sand
- Gravel
- Rip Rap
- Large Armour

With a supply capacity in excess of one million tonnes per annum, Bardies Well can cater to mining, civil and landscaping applications throughout the Pilbara.

Through Northrock's Quality Management System we ensure a consistent supply of materials that meet customer requirements and expectations.







# CONTACT US

## GENERAL ENQUIRIES

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