

## KEY PERSONNEL

### **Daniel Caroly – Project Manager**

Daniel has over 15 years' experience working in the construction, mining and water industries in New South Wales, Queensland and Western Australia. He has been involved in a wide variety of projects, including construction of mine and water infrastructure, stockpile tunnels, drainage structures and apartment buildings. In recent years, he has been extensively involved in fast-tracked design and construct works for mining and water infrastructure.

### **Oliver Taylor – Project Engineer**

Oliver is a civil engineer who has spent the past five years working in the civil and mining industries. He has been involved in a number of fast-tracked design and construct mine infrastructure projects for BMA and Peabody. He has significant experience in developing QA systems, and a methodical, proactive and safety-focused approach to delivering project work on time.

### **Ashley Gordon – Senior Supervisor**

Ashley has worked for Downer Mining in various roles since 1985. His vast range

of experience includes construction of workshops, support facilities and buildings, MIA upgrades, ROM pads, earthworks, pavements, and car park and building platforms. He has also been involved in the construction of heavy and light vehicle wash bay facilities, potable water treatment plants, fuel service bays, oil and lube facilities, and creek and river diversions. With a strong focus on safety management, Ashley is a highly effective leader with many years of supervisory experience, ensuring the smooth and timely running of projects.

### **Nick Mason – Safety Superintendent**

Having previously spent over 10 years working in civil construction in various roles, Nick has utilised these practical skills during the past seven years while working in safety roles on numerous civil and mining projects. His most recent projects include workshop construction at several Central Queensland mines. His passion for, and exemplary leadership in, safety has helped ensure outstanding safety performance records for the projects in which he has been involved.

### **CONTACT US**

SW1/104 Melbourne Street  
South Brisbane QLD 4101

PO Box 8221, Woolloongabba QLD 4102

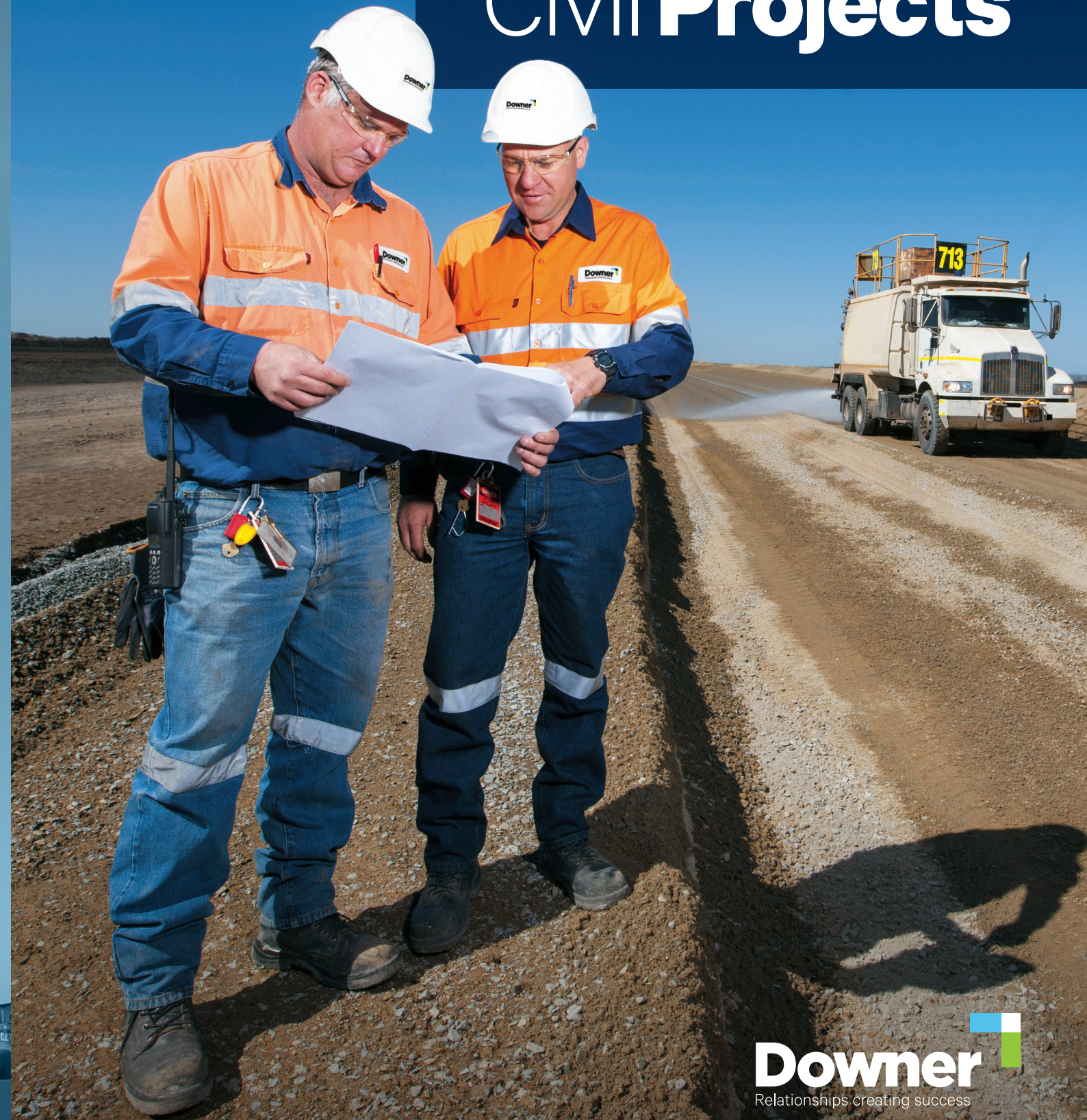
P: +61 7 3026 6666

F: +61 7 3026 6060



www.downergroup.com

# Civil Projects





Downer Mining's Civil Projects division is able to provide a total project management service for the engineering design, procurement and construction management of mine-site infrastructure projects throughout Eastern Australia.

Managed by personnel with a wealth of experience in both the mining and civil construction industries, we are able to offer fit-for-purpose solutions for both greenfield and brownfield projects, and efficiently manage subcontractors for specialist work using our own proven systems and controls.

Our project-delivery approach utilises innovation and experience to minimise initial capital expenditure and maximise long-term operational efficiency, while ensuring that safety is embedded in all areas of the engineering.

We provide in-house expertise in engineering project management, technical reviews, scope development, safety management, mine road network, design and maintenance. Where necessary, we bring in tried and trusted consultants and subcontractors for specific engineering deliverables, such as hydrological modelling, electrical and communications design, and fire services engineering design.

**BHP BILLITON MITSUBISHI ALLIANCE (BMA)  
GOONYELLA RIVERSIDE MINE**

**Downer Mining Workshop  
Expansion Project – \$30M**

Expansion of the contractor's workshop and facilities including:

- 4-bay workshop including 25T gantry crane
- Stores and office complexes
- Heavy vehicle and light vehicle wash bays
- 200kL oil and lube farm including associated pumps and pipework
- Fire water main including two 500kL fire and raw water storage tanks and pump station
- Water services including potable water treatment plant, all potable, raw and waste water pumps, pipework and fixtures
- Electrical services including 200KV transformer, all distribution boards, and associated cabling and lighting.



Workshop at Goonyella Riverside Mine.

**STANWELL CORPORATION  
MEANDU MINE**

**Key Mine Infrastructure Upgrade – \$12M**

Design, construct and project management of various works including:

- 2-bay extension to heavy vehicle workshop
- Construction of new heavy vehicle wash bay
- Upgrade of dam and water infrastructure
- Rehabilitation of ROM wall and crusher bin.

While we managed the design process and project-managed the works on behalf of Stanwell, we engaged specialist consultants and subcontractors to provide services such as the ROM wall and crusher bin rehabilitation, general electrical design works, and general civil and structural design.

Blackwater Creek Diversion at Curragh Mine.



**BMA  
DAUNIA MINE**

**Contractor's Mine Infrastructure Area (MIA) – \$7M**

Construction of the contractor's MIA including:

- 3-bay igloo heavy vehicle workshop
- Stores and light vehicle workshop igloo shelters
- Office complexes
- Heavy and light vehicle wash bays
- Water services including all potable, raw and waste water
- Electrical services.

**BMA  
NORWICH PARK MINE**

**Downer Mining Workshop – \$5M**

Infrastructure expansion and site demobilisation including:

- 2-bay workshop including jacking slabs
- Heavy vehicle igloo workshops
- Stores facilities
- Office complexes
- Heavy vehicle wash bay.

**BMA  
BLACKWATER MINE**

**Downer Mining Workshop – \$4M**

Construction of the contractor's workshop and facilities including:

- 2-bay workshop
- Stores and office complexes
- Fire water main including storage tanks and pump station
- Water services including all potable, raw and waste water pumps, pipework and fixtures
- Electrical services.



Heavy vehicle wash bay at Meandu Mine.

MIA at Daunia Mine.



**WESFARMERS CURRAGH  
CURRAGH MINE**

**Blackwater Creek Diversion – \$68M**

The diversion of approximately 10.2km of Blackwater Creek was an ambitious and technically challenging project to re-establish an important ecological corridor.

It involved relocating the creek to enable access to coal reserves beneath it. The diversion comprised bulk earthworks, civil works, and the rehabilitation of approximately 167ha of land with 35,000 seedlings, hydromulch pastures and native shrub species.

With key objectives of reinstating habitat, creek biodiversity and ecological function, the project exceeded its vegetative cover and flora species diversity targets 12 months ahead of schedule.