



TORQUE

DRILLING MANAGEMENT

We go deep to solve your drilling challenges

Justin Connellan

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W: coming soon

Experienced. Engaged. Effective.

Torque Drilling Management conducts drilling, earthmoving and exploration project management services across Australia, supporting the mining, exploration and geotechnical industries.

We recognise the importance of drilling outcomes to your project. We want to enable your success with efficient and cost-effective solutions.

Our expert capability will help you to get the job done well and safely.

From wireline drilling to mine site compliance and drilling certification training, Torque Drilling Management provides comprehensive on-site and management services to meet your project needs.

We solve problems. Backed by the leadership of experienced driller and manager Justin Connellan and underpinned by safety, environmental and mining certifications, we will support your team and get it done.

Torque Drilling Management will bring extensive knowledge and experience to overcome any drilling challenge.

“*Professional, reliable and more importantly, very focused on safety and training.*”

Peter Chern
Encompass Mining Senior Resource & Engineering Geologist



“Justin has always conducted himself with professionalism, respect and experience with jobs completed on time and on budget, even in difficult drilling conditions.”

Darren Walker

U&D Mining Industry (Australia) General Manager – Resource Development



How Torque Drilling Management can help you

Torque Drilling Management has a comprehensive rig fleet, with fully serviced, well-maintained and modern equipment. Together with the experience of our operators, this allows us to help you across a range of mining and exploration services.

Specialise in the coal-mining industry – both underground and open-cut – but have the depth of experience to assist across other minerals mining, exploration and gas testing and drainage.

Here's what we do:

Drilling services

Torque Drilling Management offers full-service drilling capability for mining and geological exploration and production. Using contemporary equipment, Torque Drilling Management will select the right rig for the job. The drilling requirements are weighted carefully before choosing the appropriate for the operation, taking into account the geology, terrain, depth, fragmentation and operation.

As well as maintaining excellent technical operations, we maintain a supreme focus on safety. We are used to working in challenging environments and adept at doing thorough risk assessments. Torque Drilling Management maintains compliance with Queensland's Coal Mining and Safety Act, the Mining and Quarrying Safety and Health Act and the Work Health and Safety Act.

Torque Drilling Management can plan and implement the following drilling services:

- ▶ HQ / PQ wireline
- ▶ 4" (100mm)
- ▶ 8" (200mm)
- ▶ Chip holes / RC
- ▶ LOX holes
- ▶ Geotechnical drilling
- ▶ Water bores
- ▶ Piezo holes
- ▶ Greenfield (remote site) equipped
- ▶ Pressure/Grouting to DNRM standards
- ▶ Gas Risers
- ▶ Ventilation shafts
- ▶ Inertisation
- ▶ Ballast
- ▶ PVC and steel casing
- ▶ Mine-site compliant

“*Justin is an effective, efficient and reliable operator. I would recommend him and his company to other explorer and miners without hesitation.*”

Ken O'Reilly
KORE Consulting Principal



Our fleet

Torque Drilling Management has a fully equipped workshop based in Bundaberg. Our dedicated administrative team take care of the behind-the-scenes work to ensure Justin and the team remain focused on our client's projects.

Rig	Drilling style	Drilling depths*
UDR1000 (Hands-free)	NQ Core	1500m
	HQ Core	1000m
	PQ Core	500m
	4" Rotary (mud)	600m
	12¼" Rotary (mud)	450m
DR950 McCulloch	NQ Core	1500m
	HQ Core	1000m
	PQ Core	500m
	4" Rotary (mud)	600m
	12¼" Rotary (mud)	450m
UDR650	NQ Core	875m
	HQ Core	550m
	PQ Core	300m
	4" Rotary (mud)	500m

**in normal drilling conditions*





Earthmoving

We can arrange earthmoving and grading across mine and exploration sites in Queensland and nationally. With excavation and earth moving support we will help your small-scale or large mining operations from the early exploration and testing phases, through to mine construction and rehabilitation.

Conducted with safety top of mind, we act in line with all Queensland laws and regulations. Torque Drilling Management has access to a full range of regularly serviced loaders, excavators, trucks and graders.

Torque Drilling Management can plan and implement the following earthmoving services:

- ▶ Advice and design
- ▶ Low impact tracks and pads
- ▶ Weather-proofing of roads and pads
- ▶ Coal and CSG drill rig pad design and construction
- ▶ Road and track maintenance
- ▶ Water trucks for dust control
- ▶ Water carting
- ▶ Gravel and road base carting
- ▶ Basic quarrying for road materials
- ▶ Waste water removal
- ▶ Drill site access tracks
- ▶ Drill site pads Sumps and pits
- ▶ Exploration Site Rehabilitation

Exploration project management

Torque Drilling Management offers consultancy services to assist with project management. Drawing from more than 18 years' experience in the industry, Torque Drilling Management's Justin Connellan will assist to manage workflows, logistics, budgets and operations in mining exploration.

Justin brings a problem-solving and responsible approach to project oversight, focused on effective communication and relationship building.

Torque Drilling Management can plan and implement the following exploration project management services:

- ▶ Definition of project objectives
- ▶ Budgeting and cost control
- ▶ Stakeholder liaison
- ▶ Logistics and procurement
- ▶ Safety compliance and management
- ▶ Operational management and reporting



Where we have helped

“They were the deepest drill holes Ken O’Reilly had worked on in his four decades in the exploration industry.

The exploration geologist – now the Principal Consultant at Kore Consulting Pty Ltd – engaged Justin Connellan as a driller to work on the Fairhill Project in central Queensland’s Bowen Basin from 2012 to 2014.

This involved chip and HQ core drilling to depths of 350 metres to more than 600 metres.

“The main challenges at Fairhill were the thick tertiary cover and depths of the holes,” he said.

“Some of the holes we were drilling were in excess of 600m deep. When the drilling gets that deep you need to have capable people doing the job.

“I’ve been in the exploration industry since 1981 and they’re the deepest holes I’ve ever drilled. They were drilled successfully, too.”

Mr O’Reilly, an independent geological consultant who has worked with a range of leading mining companies, said the Justin’s team was safe, methodical and productive.

“Justin’s technical capability is excellent,” Mr O’Reilly said.

“He is very conscientious and as far as I was concerned, very highly skilled as a driller. As far as being a manager of a company, he is very approachable and very easy to get along with.”

Mr O’Reilly had already worked with Justin Connellan as a driller at the Lake Vermont project, where work included chip and 4C core drilling to depths of 200 metres.

He commended Justin’s work, notably the approach to safety, efficiency and productivity.

“You don’t get a project unless you get the exploration drilling right,” he said.

“Without the data you get from the holes that are drilled, you don’t have a project.”



Ken O’Reilly
KORE Consulting Principal

Where we have helped

“Darren Walker can't think of a mine or exploration site across central Queensland's mining areas where Justin Connellan hasn't done some drilling work.

The General Manager of Resource Development for U&D Mining Industry has known Justin Connellan for more than two decades, both working in the industry throughout the peaks and troughs of mining business conditions.

He employed Justin's drill team at Meteor Downs South to complete open hole, diamond and casing operations, as well as completing licensed water bores, for both operational and environmental requirements.

“Justin's team has always conducted themselves with professionalism, respect and experience with jobs completed on time and on budget, even in difficult drilling conditions,” he said.

“There has not been a challenge that has been too hard that Justin and the team could not work out a solution.”

He said the work performed was excellent, efficient and value for money – as well as being accommodating and easy to work with. This includes an “industry-leading” focus on safety, environmental impact and assessing risk.

“[Justin] cares about his people,” Mr Walker said. “He understands that if you put the time and effort into being industry-leading for safety, changing that mindset ends up saving you time and money down the track as well.”

He said undertaking project work with the crew was easy because of their “one-stop-shop” capabilities. Their versatility of experience, licences and qualifications enabled exploration companies to focus on the geology.

“They've got the rehabilitation and site preparation and everything else. Justin will just turn up and do the job he says he is going to do, get good production and look after it for you.”

“If you're just a small exploration company you can get someone like Justin and he will look after the whole thing for you. He's got good systems.”

Moreover, he said Justin understood the business need that drives the drilling and project management work.

He said their effective drilling capabilities meant quality data. “Definitely having that stuff done right at the start saves you money in the long run,” he said. ”

Darren Walker
U&D Mining Industry (Australia) General Manager – Resource Development

Deep dive

Your best choice in drilling

- ▶ We find solutions
- ▶ We manage challenges
- ▶ We engage with people

Torque Drilling Management provides high-quality and supreme safety drilling services for mining and exploration and also meets industry need for reliable, solution-focussed and friendly drilling services.

The Bundaberg-based business was launched in 2021 as DownForce Drilling Management and was rebranded in 2022 as Torque Drilling Management.

The company was founded by Justin Connellan, a highly experienced and professional drilling operator, project manager and trainer.

He started in the industry in 2005, and has worked with Hodge Drilling and family business Down Force Drilling Operations on sites including assets run by Peabody Energy, YanCoal, Glencore and projects with HDR Salva. Recent work includes mine expansion projects for Ensham Resources and Sojitz Blue.

He has cross-sector resources experience including coal seam gas exploration, open-cut and underground coal mining and minerals exploration.

Torque Drilling Management's key mission is to make clients' lives easier. We work with contractors and mining companies to overcome challenges and find solutions to drilling, operations and workforce.

All of this is underpinned by a proactive, positive safety culture.



Justin Connellan will bring a wealth of experience from previous roles to your project:

Training, safety and assessments

- ▶ Coordination and maintenance of OHS using a systemic approach
- ▶ Management of OHS risk, information and data systems
- ▶ Training and assessment for site Standard Operating Procedures
- ▶ Management of work hazard risks
- ▶ Facilitation of workplace learning.

Operations management

- ▶ Client and leadership team liaison
- ▶ Staff recruitment and engagement
- ▶ Supervision of staff including drillers, backhoe operations
- ▶ Oversight of all drilling and rig maintenance.

Operations

- ▶ Expert exploration driller
- ▶ Experienced in Multiple multipurpose drill rigs.
- ▶ Qualified in all drilling, pilot holes, coring, rig maintenance, Truck driving.



Site safety compliance advice
Project budget oversight & maintenance
Expert operational management
Qualified training assessments & compliance



Qualifications and certifications

Safety

Trainer assessor for site Standard Operating Procedures (S.O.P)

- ▶ BSB51307 Diploma of Occupational Health & Safety
- ▶ Current Senior First Aid and CPR Certificate
- ▶ Standard 11
- ▶ Cert IV Trainer Assessor

Operations

Highly qualified in drilling and earthmoving operations

- ▶ RII50609 Diploma of Drilling Operations
- ▶ RII60409 Advanced Diploma of Drilling Management
- ▶ BSB51107 Diploma of Management
- ▶ BSB50207 Diploma of Business
- ▶ Current Coal Board Medical
- ▶ Certificate II, III and a Diploma in Drilling Operations
- ▶ S1, S2, S3 G2 & G7 Qualifications
- ▶ RIIMPO208A- Operate Backhoe
- ▶ RIIMPO208A- Operate Skid steer
- ▶ Authorised assessor of staff off up to a Diploma of Drilling Operations Level under TAE40116

Drilling a high-performance culture

Torque Drilling Management maintains quality practices that drive a safety-first workplace culture.

Champions of getting the job done to a high standard safely, we work with your team to monitor and optimise safety and operational performance.

Our personalised service makes your decision-making faster. Have a question about the drilling or earthmoving operations? We can provide answers and solutions on the spot, rather than going through layers of management.

This makes project operations more efficient, helping you to stay on track and on budget.

Safety is always prioritised. Risk assessments and management remain critical elements of our services. This ensures your team remain safe while achieving project goals.

Headed by a leader in operations and occupational workplace health and safety, Torque Drilling Management will bring high-quality services to your mining and exploration project.





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