

The Carmichael mine

Here for the long haul



Producing high-quality thermal coal in central Queensland for export overseas



Backing regional Queensland through jobs and procurement opportunities, and community partnerships



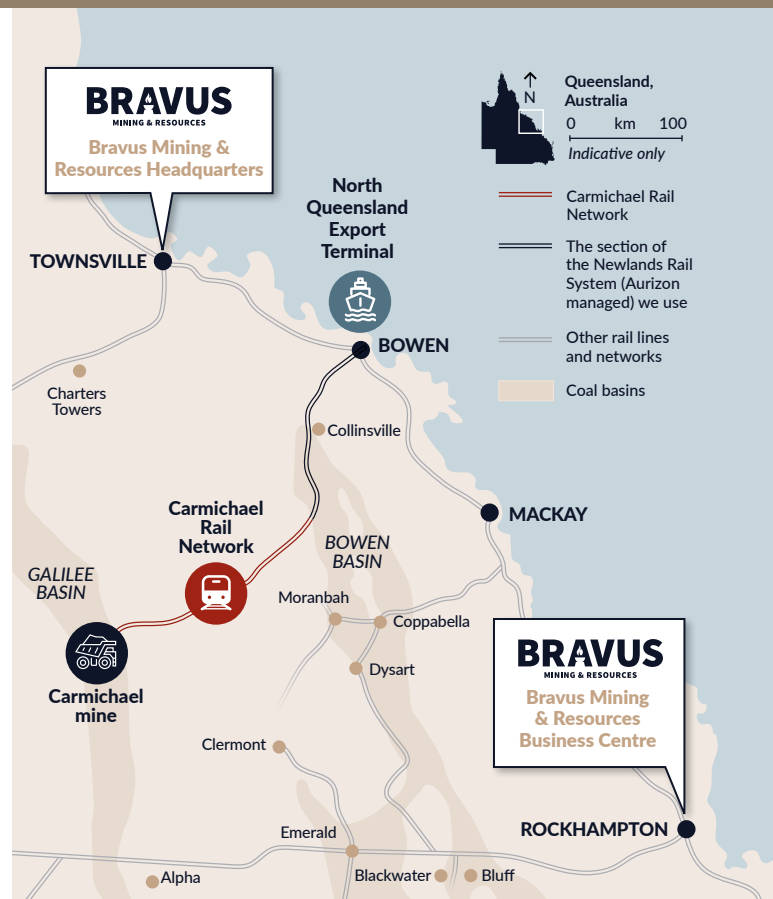
Mining responsibly and sustainably is the foundation of our commitment to providing long-term jobs and economic opportunities

Bravus Mining and Resources' Carmichael mine is an open cut thermal coal mine in central Queensland's North Galilee Basin, approximately 160 kilometres northwest of the town of Clermont.

Carmichael produces in the order of 10 million tonnes per annum (mtpa) of high-quality coal. All the coal mined at Carmichael is for export, and coal from the mine is used by nations in the Asia-Pacific region to provide reliable and affordable energy solutions that help reduce poverty and power growth.

Coal from the mine is railed more than 300 kilometres along the Carmichael Rail Network and Newlands Rail System for export via the North Queensland Export Terminal, which is approximately 25 kilometres north of the town of Bowen on Queensland's north-east coast.

The 200-kilometre Carmichael Rail Network and its supporting infrastructure were built by Bravus Mining and Resources between 2019 and 2022 as part of the \$2.5 billion Carmichael mine and rail Project.



Fast facts

OPERATION

Open-cut truck and shovel. A modern mining fleet using a mix of Liebherr, Caterpillar and Hitachi plant and equipment

LOCATION

North Galilee Basin in Central Queensland about 160km north-west of Clermont and 300km from Queensland's east coast

PEOPLE

1,200+ engaged in permanent roles
750+ on site at any time while others are on days off



A major employer of regional Queenslanders



Bravus Mining and Resources is proud to provide secure jobs and opportunities for businesses in regional Queensland, and to help to support local economies so towns, cities and their residents can thrive.

We have a focus on local jobs and procurement, ensuring we make a positive contribution to the communities in which we operate.

Townsville and Rockhampton remain the primary FIFO employment hubs for the Carmichael mine, and we continue to recruit workers who can drive to site from Clermont and the Isaac Region. While on shift these workers live in our Labona or Camp 6 accommodation villages.

More than 1200 people are engaged in permanent roles at Carmichael with more than 750 workers on site at any time while the others are on days off.

These people are operators and truck drivers, engineers, diesel fitters, chefs, hydrologists, ecologists, cleaners, cultural heritage workers, cleaners, and more.

They are both seasoned hands and new to industry recruits who got a foot in the door thanks to initiatives like our graduate program and our haul truck operator traineeships.



COMMODITY



	Production	>10mtpa thermal coal
	Approvals	Up to 60mtpa
	Strip ratio	~4 (bcm:t)
	Reserve	11.17 billion tonnes of coal (JORC-compliant)

SUPPORTING INFRASTRUCTURE



	Coal Handling Processing Plant	1,500 tph bypass circuit 1,250 tph wash plant
	Train Loadout	3,500tph
	Carmichael Rail Network	200km narrow gauge railway

BENEFITS

In operation



\$1.6m/week in wages paid by our three major contracting partners

\$3 million+ donated to over 100 local community groups and not-for-profit organisations

To build (2019-22)



2,600+ construction jobs on the mine and rail projects

9,000+ indirect jobs

\$2.5 billion+ in contracts awarded for the construction of the mine and rail projects

88% of the construction spend was with a regional Queensland contractor or supplier

We're committed to our safety, environmental and sustainability standards

The Carmichael Project has some of the strictest environmental conditions ever imposed on a mining project in Australia.

Adani Mining Pty Ltd, trading as Bravus Mining and Resources, obtained 112 approvals under seven different Commonwealth and Queensland Acts prior to construction starting on the mine.

Mining responsibly and sustainably is the foundation of our commitment to providing long-term jobs and economic opportunities, and we're proud to continue to meet our approval conditions now we are in our third year of operations.

Our environmental plans and strategies were prepared by scientific experts and many of these plans were also reviewed by third-party specialists.



Our Groundwater Monitoring Program and Black-throated Finch Research Program are industry-leading and recognised in both scientific journals and at international conferences.



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Protecting cultural heritage

We work in partnership with Traditional Owners to ensure we respect the rights, history, future intentions, and requests of First Australians.

Bravus Mining and Resources has Indigenous Land Use Agreements and Cultural Heritage Management Plans that guide how areas of significance were preserved during construction and now in operations.

These agreements have been in place since 2014 and are creating multigenerational benefits for the Juru, Jangga, Birriah and Clermont-Belyando (formerly Wangan and Jagalingou) people through sustainable employment, skills and training, and other economic and cultural opportunities.

In 2016 the Wagan and Jagalingou (W&J) people voted 294 to 1 in favour of an Indigenous Land Use Agreement for the Carmichael mine and rail Project (W&J ILUA). Under Australian laws, a legitimate ILUA requires a majority and not a unanimous vote.

The W&J ILUA was signed by the Queensland Government, the W&J people and Adani Mining (now Bravus Mining and Resources), certified by Queensland Native Title Services and on 8 December 2017 it was registered with the National Native Title Tribunal.

No ground is disturbed at the Carmichael mine without a robust Cultural Heritage Management process being followed.

Helping to responsibly meet global energy demand

Global energy demand is increasing, not decreasing, as nations in Asia lift their people out of poverty by providing affordable, reliable energy to partner with renewables.

High-quality Australian coal, like that mined at Carmichael, has an important role to play working in tandem with renewables to provide the baseload power the developing world needs as it industrialises and its citizens seek a modern lifestyle with reliable energy for refrigeration, employment, consumer goods, and luxuries.

That means Carmichael coal is going to be part of the global energy mix for decades to come, and that means ongoing jobs and economic opportunities here at home, and better health outcomes, access to education, and personal safety for some of the poorest people in nations like India, Vietnam, and the Philippines.



“ I am 36 years old, and I have power for my family—it has changed my life. My children can study at night with light. ”

Shevamta, Aarey Milk Colony, Mumbai, India



Regional Queensland is in our DNA

Since we started mining operations, we've given more than \$3 million to support local organisations, events, and causes that are important to our people and our community.



\$2B+

paid to regional Queensland contractors and businesses since 2019



\$3M+

donated to over 100 local community groups and not-for-profit organisations

Find out more about the Carmichael mine

We're dedicated to doing an outstanding job, for all of us. And by all of us we mean us the company, us the workforce, us the community, us the region, us the industry and us the country. If you would like more information, have any questions or comments, please get in touch.

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