



MOUNT ISA  
MINES



# Mount Isa Mines

## ABOUT MOUNT ISA MINES

Operating since 1924, Mount Isa Mines remains one of Australia's largest industrial complexes, operating two separate mining and processing streams, copper and zinc-lead-silver. Since 2013 Mount Isa Mines has been part of Glencore, one of the world's largest diversified natural resource companies and a major producer and marketer of more than 90 commodities.

Mount Isa Mines is one of Australia's oldest, largest and most complex mining operations and has been the catalyst for Mount Isa's growth and prosperity. Mount Isa Mines is a major employer, active customer, avid supporter of local initiatives and a responsible environmental manager. Our business is economically significant both for Queensland, and worldwide, as a producer of metals vital to global society.

Mount Isa Mines is the second largest producer of copper in Australia and a key asset in Glencore's global mining portfolio. Copper is mined at both our Enterprise and X41 underground copper mines in Mount Isa, which comprise the largest network of underground mine development in the world.

Mount Isa Mines also boasts the largest zinc resource base in the world and represents almost a third of Glencore's annual zinc metal production. Our zinc assets in and around Mount Isa consist of George Fisher underground mine, and Lady Loretta underground mine.

Onsite we operate a copper concentrator, zinc-lead concentrator and filter plant, copper smelter and lead smelter, as well as support services. Ore is processed

onsite at our concentrating and smelting operations, to produce copper anode, lead bullion and concentrates. Our products are transported to Townsville, for further processing and export to international markets.

## OUR APPROACH

We aim to achieve and maintain the highest standards of health, safety and environmental performance at our operations, and work in partnership with local communities. We believe that mining can be conducted in a way that is economically, socially and environmentally sustainable.

We take a proactive approach to health and safety. Across our complex operations, we remain vigilant about identifying and managing hazards.

Mount Isa Mines operates under environmental regulations, including an Environmental Authority. We recognise the material issues faced by our operations and take our environmental performance very seriously.

Over our history we have achieved significant and consistent improvements in our performance in the areas of air and water quality, noise and vibration, land rehabilitation and waste management.

We take a variety of actions to measure and manage the potential impacts of our operations on our community. This includes operating one of the most intensive air quality monitoring systems of any city in the world.

Having developed over time on the doorstep of a community, we respect and enjoy a close partnership. Our contributions have been essential to the growth of Mount Isa and its

## JOBS

3,200+

employees and contractors.



## COMMUNITIES

\$35M+

regional community investment since 2004.



## ENVIRONMENT

\$500M+

environmental expenditure since 2003.



infrastructure, including electricity generation, water supply and land for development.

Our Corporate Social Investment programs fund major partnerships in Mount Isa, and our related communities of Camooweal, Cloncurry and Townsville. Since 2004 we have invested more than \$35 million in our north Queensland communities.

In other ways, we contribute to the community through employment and local purchasing. We employ around 3,200 employees and contractors, the vast majority of which live locally in Mount Isa. A substantial percentage of the goods and services we consume come from local suppliers.

For more information visit [www.mountisamines.com.au](http://www.mountisamines.com.au)

A GLENCORE COMPANY



*Our logo derives from the medieval chemical science - Alchemy. The four symbols represent the minerals that we mine.*



Copper



Silver

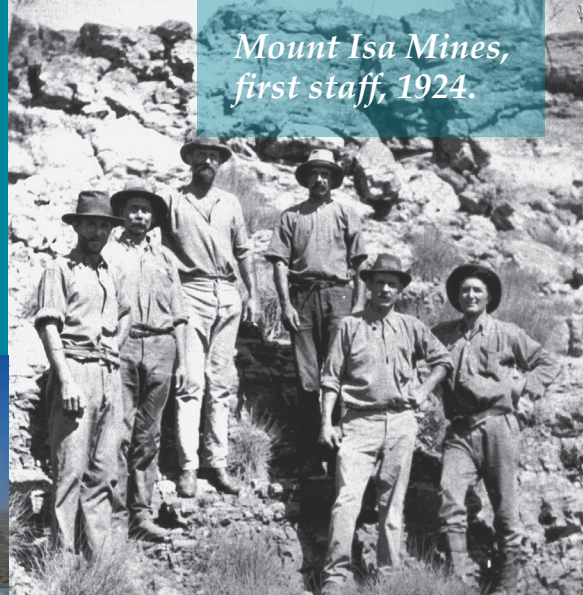


Lead



Zinc

*Mount Isa Mines,  
first staff, 1924.*



*Located on the edge of the city of Mount Isa, The Mount Isa Mines mining lease spans 32,000 hectares and is 52 kilometres long from north to south.*



*Mount Isa Mines is home to Australia's deepest underground copper mine at 1.9 kilometres. Not far behind, at 1.5 kilometres deep, is the George Fisher zinc underground mine.*



*Mount Isa Mines is one of the largest zinc mines in the world with an estimated 650 million tonnes of resources.*



*During the smelting process, copper and lead concentrates are heated to well over 1,000 degrees Celsius.*



*Our copper anodes weigh 350 kilograms and contain 99.7 per cent pure copper. Our lead bullion weigh 4.1 tonnes and contain 99.6 per cent pure lead.*



## WHERE IT ALL BEGAN

In February 1923 prospector John Campbell Miles was travelling across the dry, hot Gulf Savannah not far from the deserted copper fields of Cloncurry, en route to the Northern Territory. Intrigued by what appeared to be mineralised outcrops by the banks of the Leichhardt River, Miles—armed only with a horse shoeing hammer—hacked off some of the dark coloured, unusually heavy stone and sent the samples off to the Government assayer in Cloncurry. They were found to contain as much as 78 per cent lead-silver.

The sometime-pro prospector had happened upon one of the richest known zinc-lead seams in the world. Over the next two months Miles pegged out the "Racecourse" lease in the area surrounding the outcrops, the larger of which he dubbed Mount Isa, laying claim to 42 acres of land that would become one of the most productive single mines in world history.

On 19 January 1924 Mount Isa Mines Ltd was established; Australia's most distant mine from sea port or coal field.

During the mine's early years, the company focused on zinc-lead-silver production with only a brief period of copper production in the 30s and 40s to contribute to the nation's World War II effort. Parallel production of zinc-lead-silver and copper did not begin until 1953.

By 1955 Mount Isa Mines had become the largest mining company in Australia. In the following years, many new technologies were developed onsite which revolutionised mining and smelting processes all over the world.

From humble beginnings as a network of miners' camps in 1923, we have seen Mount Isa transform into a thriving town and north-west Queensland's largest centre.