



MOUNT ISA  
MINES

A GLENCORE Company



# MOUNT ISA MINES

Operating since 1924, Mount Isa Mines remains one of Australia's oldest and 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 60 commodities.

Mount Isa Mines has been the catalyst for Mount Isa's growth and prosperity, and 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 modern 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 globally which 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 operated by Redpath.

Onsite we operate a copper concentrator, a 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 and our products are transported to Townsville for further processing and export to international markets.

workplace culture that recognises the critical role they play in our success.

Across our complex operations, we remain vigilant about identifying and managing hazards.

Since 2003, we have invested in excess of \$500 million in environmental expenditure and have significantly improved our environmental performance.

Today our 32,000-hectare lease is governed by more than 80 separate permits, and we maintain a stringent and transparent reporting program with key stakeholders.

We take a variety of actions to measure and manage the potential impacts of our operations on our community. This includes continuing to enhance what is already the most sophisticated air quality monitoring system of any Australian city.

Having developed over time and beside the mine, we respect and enjoy a close partnership with our community. Our contributions have been essential to the growth of Mount Isa and its infrastructure, including electricity generation, water supply and land for development.

We aim to ensure the Mount Isa community benefits from the success of our operations, and we partner with local community groups to build a strong and sustainable region.

Since 2004, we have invested more than \$35 million in events, projects and initiatives to create opportunities and improve health, education and employment outcomes for north-west Queensland with a focus on supporting vulnerable populations and building capacity within disadvantaged groups.

In other ways, we contribute to the community through employment and local purchasing. We employ more than 3,500 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.

Mount Isa Mines is proud to have been part of the local community in Mount Isa for nearly a century. While our business has evolved over generations and the rise of globalisation has opened up a world of possibilities, Mount Isa Mines remains connected to our roots, and committed to supporting strong, resilient regional communities into the future.



## OUR APPROACH

Mount Isa is one of Australia's most successful mining towns, with a demonstrated coexistence between industry and community.

We operate on the doorstep of a thriving city of around 20,000 people and our people and their families live locally and call Mount Isa home so the wellbeing of the community and operating responsibly will always be our priority.

We take a continuous improvement approach to managing one of Australia's oldest mining facilities and work through advancements in technology and engineering, operating procedures and monitoring to minimise the impact of our activities on our community. We believe that mining can be economically, socially and environmentally sustainable.

Our workforce are core members of the Mount Isa community and we prioritise their safety and champion a positive





Mount Isa Mines first staff - 1924.



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



Copper



Silver



Lead



Zinc



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.

## WHERE IT ALL BEGAN

In February 1923, John Campbell Miles, a part-time prospector, was travelling across Queensland's dry Gulf Savannah when he happened upon one of the richest known zinc-lead seams in the world.

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.

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 and was 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 1930s and 1940s 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.



Mount Isa Mines is home to Australia's deepest underground copper mine at 1.9 kilometres. Not far behind at 1.3 kilometres is George Fisher zinc underground mine.



Mount Isa Mines is one of the world's largest zinc resources bases.



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 percent pure copper. Our lead bullion weighs 4.1 tonnes and contains 99.6 percent pure lead.