

# **CSA MINE**

July 2020

Glencore's CSA Mine is one of Australia's highest grade copper mines and employs about 670 people, including contractors. The majority of our workforce live in Cobar or elsewhere in the Barwon district. In 2019, CSA Mine contributed \$305 million to the local, state and national economies in wages, spend on goods and services, payment of taxes and royalties, capital and sustaining investment and local community partnerships.

#### **About CSA Mine**

- Located 11 kilometres north-west of Cobar.
- Production of about 50,000 tonnes of copper in concentrates each year.
- Second highest grade copper mine in Australia.
- Fourth highest grade copper mine in the world.
- One of Australia's deepest underground mines (1.75 km deep).
- The deposit was discovered in 1871 and named after the nationalities of its initial owners (a Cornishman, a Scotsman and an Australian).
- Development began in the early 1900s and the site transitioned to an underground operation in 1965.
- Glencore acquired CSA Mine in 1999 and the mine is currently forecast to produce until 2034.



### Our contribution



#### **Our values**

Glencore is committed to running a profitable business in a safe, efficient, responsible and sustainable manner. Our values reflect our purpose, our priorities and the beliefs by which we conduct ourselves. They define what it means to work at Glencore, regardless of location or role.













Safety

Integrity

Responsibility

Openness

Simplicity

**Entrepreneurialism** 

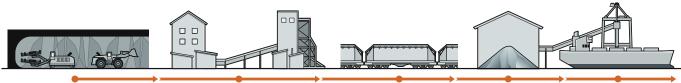
# **Our people**

At CSA Mine, our workforce is made up of a diverse range of people with a diverse range of skills. We employ mining and metallurgical engineers, plant and vehicle mechanics, welders, electricians, geologists, environmental scientists, diesel fitters, health & safety experts, surveyors, maintenance planners, development operators, drill operators, boilermakers, plumbers, accountants, project managers, electrical and mechanic engineers, IT and operational technology specialists.

We provide our employees with the scope to shape their own career path and assess each individual on his or her merit. We reward people who perform for the business, in the process recognising and nurturing talent, ambition and entrepreneurialism. And we also value wisdom, maturity and responsibility.

We also offer in-house graduate opportunities and apprenticeships across a wide variety of trades, including electrical, mechanical, fabrication, plumbing, carpentry and diesel fitting. In the process we help grow tomorrow's talent with nationally-recognised trade qualifications and strong career pathways for the future.

# **Our production process**



CSA Mine is one of Australia's deepest underground mines Copper ore is processed to copper in concentrates (~27% copper metal) on site

Copper in concentrates are transported by rail

Copper in concentrates are exported to smelters in India, China and South East Asia

# Our products in use

The copper we produce at CSA Mine is used in a wide range of products and is central to a clean energy future.

From electronics, renewable energy and Electric Vehicle batteries, copper has a vast range of household and industrial uses. It is found in products we use every day – such as smart phones, electrical wiring, electricity production and transmission, circuit boards of iPads and Xboxes, plumbing, air conditioning units and car batteries. It is the

preferred metal in many of these applications because of its superior electrical conductivity and ability to head up and cool down quickly.

Copper is expected to play a major role in enabling the global transition to a low carbon economy. It is the best non-precious conductor of heat, cooling and electricity and drives energy efficiency. Found in wind turbines and solar panels, it is also 100% recyclable.

By 2030, experts predict there will be 140 million Electric Vehicles on the road around the world. Each Electric Vehicle battery contains an average of 84kilograms of copper. Global copper demand for EVs alone is expected to be equivalent to approximately double the total predicted supply from all existing and probable mine projects.

