



ZINC-LEAD MINE | NORTHERN TERRITORY

Case Study

Customer

McArthur River Mine - Glencore

Location

Situated in the remote Gulf of Carpentaria, 97km south-west of Darwin, McArthur River Mine is a world-class zinc-lead mine operating since 1993.

Background

With limited specialist HV technicians employed on-site to assist with the management of electrical infrastructure and electronic systems, Ampcontrol was engaged to provide time critical HV field services to minimise production losses.

Achievements

Ampcontrol was contracted to replace damaged cable and ring main units which were affecting the mine's main crusher. Impacted by several electrical trips, the crusher was assessed by the Ampcontrol HV field service team, who were able to diagnose and fix the problem by reconfiguring the relays.

Successful outcomes were achieved through:

- Commissioning changes in the field including wiring modifications and protection setting changes
- Fast and efficient HV field service to site resulting in minimal downtime and production losses
- The use of Omicron technology for electrical testing