



PROJECT PROFILE

COSMOS NICKEL PROJECT

THE PROJECT

The Cosmos Nickel Project was to replace all of the Jumbo starters and pump stations that are located underground. This also included a replacement of the internal control gear to reduce heat within the enclosures.

THE PROBLEM

Enclosures are either being put too close to blast zones or jumbo & bogger operators run over them. Because of the thinner material selected by the manufacturer of the enclosure, they weren't lasting as long as they should. They were also subject to high temperatures from the large contactors & overloads.

THE B&R SOLUTION

B&R visited the site and discussed the requirements with the electrical team. Then went to the contractor in Kalgoorlie who outfits the enclosures and discussed the issues with them. The solution was an enclosure that has an estimated output 25% less that it used to. The material selection also assists greater protection from the underground elements.

THE RESULT

The enclosure does the required job for the customer and provides a better level of ingress protection.

As a result, B&R received orders to replace 50 of their enclosures, over a period of 2 months.

