

ANGLO AMERICAN

Grosvenor Coal Mine, Moranbah, QLD
Sector: Civil / Mining / Infrastructure
Contract Period: 26 Weeks

Remtech were successfully awarded the contract to undertake the Earthing of the Rail Foundation to the RCH Stacker & Reclaimer for the Grosvenor Coal Mine project.

In July 2012 construction started on the Grosvenor Mine project, a five million tonne per annum underground longwall mine planned for Moranbah in Central Queensland.

Grosvenor is located immediately to the south of the existing Moranbah North mine which has been in operation since 1998. Operating for more than 26 years, Grosvenor will be a world class operation that will use leading technology while maintaining a safe workforce.

The rail foundations are responsible for aiding in the transport of coal within the Grosvenor Mine precinct. As part of the Grosvenor Mine extension project, the newly installed rail foundations were required to be electrically earthed as a standard requirement.

SCOPE OF WORKS

Remtech's scope of works entailed the following:

- Personnel inductions & training
- Site establishment including FIFO (Fly-in, Fly-out) arrangements
- Preparation and setup of equipment
- Preparation of rail foundation to accept earthing components
- Trenching of earth adjacent rail foundations
- Installation of copper earthing lugs and cables
- Back filling trenches upon installation
- Testing and certification of earthing system
- Site clean and demobilisation

Remtech successfully delivered the project on time and within budget.

