



BIRLA NIFTY OPERATION UPGRADE

SCOPE OF WORK

GR Engineering was appointed by Aditya Birla Minerals to provide engineering, design, procurement, construction and commissioning on a number of small projects within the concentrate plant at their Nifty Copper Operations. GR Engineering also provided capital estimates on a number of potential future works.

GR Engineering have successfully completed the following packages:

- Larox concentrate filter unit;
- Flotation circuit de-bottlenecking;
- Final concentrate screen and hopper facility;
- Potable water chiller system complete with safety shower circuitry pipework;
- Skim air facility;
- Regrind decommissioning report;
- Xanthate distribution system;
- Caustic distribution system;
- Process water circuit improvements;
- L Heap leach crusher refurbishment;
- Reagents storage facilities;
- Pebble crusher completions work;
- Regrind decommissioning works.

Commodity: Copper

Region: Australia

Location: The Great Sandy Desert region of the East Pilbara in Western Australia, approximately 350 km east of Port Hedland

Client: Aditya Birla Minerals

Award Date: January 2007

Completion Date: October 2007

Project Manager: Phil Pattinson

Project Type: Brownfields, EPC