



## 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
- Re grind decommissioning report
- Xanthate distribution system
- Caustic distribution system
- Process water circuit improvements
- L Heap leach crusher refurbishment
- Reagents storage facilities
- Pebble crusher completions work
- Re grind 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

**Project type:** Brownfields, EPC

**Client:** Aditya Birla Minerals

**Award date:** January 2007

**Completion date:** October 2007

**Project manager:** Phil Pattinson