



Location	110km northwest of Newman, Pilbara region, WA
Client	Joint venture: BHP Billiton (85%), Mitsui & Co Australia Ltd (7%) and Itochu Corporation (8%)
Commodity	Iron ore
Contract duration	July 2006 to August 2012
Major contractor since	1991



A long time partner of BHP Billiton Iron Ore, HWE Mining operates at three of its six world class iron ore operations in Western Australia's Pilbara region, including Yandi.

HWE Mining has a proud association with Yandi as the primary contractor since BHP Billiton Iron Ore began operating on site in 1991.

Linked by railway to BHP Billiton's iron ore, stockpiling and shiploading facilities at Port Hedland, production at Yandi has steadily increased over the years. Today, HWE Mining handles 50+ million tonnes of iron ore per year at the mine.

In November 2007, BHP Billiton Iron Ore awarded HWE Mining a further five-year contract extension at Yandi to continue to provide a complete mine management and operating service. This includes drilling and blasting, loading and hauling, processing, train loading, infrastructure management,

maintenance and other related services. We use the full range of surface mining plant and equipment at the mine.

Yandi operates 24 hours a day, 365 days a year. HWE Mining employs approximately 550 people at the mine.

### Production at a glance

- 28+ million bcm mined per year
- 50+ million tonnes of iron ore processed per year



## Scope of work

### Project management

- Provision of registered Mine Manager and other statutory positions
- Management of:
  - Safety and health
  - Environment, community and Indigenous affairs
  - Plant and procurement
  - Human resources and industrial relations
  - Accommodation and flights
- Drilling and blasting design
- Process plant upgrades

### Mining

- Surveying and set out
- Clearing and grubbing
- Topsoil removal
- Design of processing infrastructure
- Operation and maintenance of:
  - Earthworks infrastructure: dams, roads, drains, stockpile pads and hardstands
  - Structural infrastructure: workshops, offices and fuel facilities
  - Services infrastructure: power, water and communications
- Drilling and blasting
- Ore quality sampling and control
- Loading, hauling and dumping waste, ore and ore stockpiles
- De-watering
- Ground support installation including rock bolting, water relief and batter finishing

### Processing

- Operation of ore processing plants, train load-outs and infrastructure
- Maintenance of:
  - Wear parts, conveyor belts and liners
  - Structural components and major equipment including primary crushers, tertiary crushers and screens
- Capital replacement and continuous improvement
- Maintenance of Citec and PLC control systems

### Rehabilitation

- Dump profiling
- Selective capping placement
- Topsoil placement
- Contouring

EQUIPMENT	
GD 5000 drill rig	1
Ingersoll Rand DML drill rigs	4
Takraf TSM300 surface miners	2
Caterpillar 785B/C dump trucks	16
Caterpillar 789B/C dump trucks	13
Caterpillar D10R/T track dozers	5
Caterpillar D11R track dozer	2
Caterpillar 988G wheel loaders	3
Caterpillar 992G wheel loaders	3
Caterpillar 994D wheel loaders	1
Komatsu WA1200 wheel loaders	2
Caterpillar 994F wheel loaders	2
Vermeer surface miners	2
Caterpillar 854 wheel dozer	1
Letourneau wheel loader	2
Caterpillar 16H grader	3
Ancillary items	20