St Ives

Location	20km south of Kambalda, Goldfields region, WA
Client:	St Ives Gold Mining Company, a wholly owned subsidiary of Gold Fields Australia Limited
Commodity:	Gold
Contract duration:	January 2004 to January 2009
Major contractor since:	2002

HWE Mining's parent company, Leighton Contractors, has been associated with the St Ives mining operation since 2002. The third largest gold mine in Australia, HWE Mining is now responsible for the management and operations of the mine's 10 open pits.

The St Ives mine produces about 500,000 ounces of gold per year and includes both open-cut and underground mining operations. The open-cut operations currently produce over 270,000 ounces of gold per year and have continued to deliver increased tonnages.

HWE Mining provides a complete mining service at St Ives including mine management and supervision, loading and hauling, dewatering, safety and environmental management, infrastructure management, maintenance and other related services. We use an extensive range of surface mining plant and equipment at the mine.

The St Ives mine operates 24 hours a day, 365 days a year and HWE Mining employs 150 people as part of the open-cut operations.

HWE Mining and Gold Fields operate the St Ives surface operations under an alliance arrangement. This allows management to develop innovative mining techniques while maintaining flexibility and continuity of operations in a dynamic and ever-changing mining environment. Moreover, the alliance has enabled HWE Mining and Gold Fields to reduce costs, align objectives, and has promoted an open and trusting relationship.

Production at a glance

- 13 million bank cubic metres mined per year
- 4.5 million tonnes of gold ore mined per year
- 270,000 ounces of gold ore processed per year from open pit operations

Scope of work

Project management

- Provision of statutory safety manager
- Management of:
  - Safety and health
  - Environment, community and
  - Indigenous affairs
  - Plant and procurement
  - Human resources and industrial relations
  - Accommodation and air transport

Mining

- Surveying and set out
- Clearing and grubbing
- Topsoil removal
- Operation and maintenance of earthworks infrastructure including dams, roads, drains, stockpile pads and hardstands
- Infrastructure management, maintenance and other related services
- Mobile plant maintenance
- Loading, hauling and dumping waste, ore and ore stockpiles
- Pit de-watering

Rehabilitation

- Dump profiling
- Selective capping placement
- Topsoil placement
- Contouring
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EQUIPMENT	
Franna MAC-20 4x4 crane	1
Caterpillar 785 dump trucks	17
Hitachi EX1200 hydraulic excavator	1
Hitachi EX2500 hydraulic excavators	2
O&K RH120C hydraulic excavators	2
Hitachi EX1900 hydraulic excavator	1
Caterpillar D10R crawler tractors	2
Caterpillar 16G grader	1
Caterpillar 14G graders	2
Ancillary items	