



## PROJECT FACT SHEET

# Granny Smith, WA

### CUSTOMER:

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Gold Fields Australia

### LOCATION:

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### Granny Smith

The Granny Smith gold mine is located 21km south of Laverton, WA. Land of the Wongatha Nyalpa Pirniku clans.

### STATUS:

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Dates of Operation: 2007 - 2024

### THE CONTRACT: LOGISTICS AND MATERIALS HANDLING

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Bis provided the management and delivery of off-road load and haul, and other ancillary works, at Gold Fields' Granny Smith mine site.

After securing the initial contract in 2007, the scope of works increased over time to include:

- » labour and equipment for haulage of gold ore from the pit to run-of-mine
- » site road maintenance
- » civil construction and earthworks
- » tailings reclaim
- » front end loaders for crusher feed
- » mobile maintenance and fully equipped onsite workshop

The out-of-pit haulage of ore from the Wallaby Pit to the Granny Smith run of mine, covered a 15km distance and saw approximately 1.6 million tonnes of ore relocated each year using dual-powered road trains and associated front end loaders.

The critical site road maintenance for the haul road, site access road and the unsealed Goldfields airstrip included grading, rolling and water cart operations.

Bis also supplied and maintained a screening plant which was used in the reclamation of tailings being utilised for paste fill in the underground operations.



## MINING OPERATION:

In 1989, mining commenced in the Granny Smith pit and continued in subsequent years with the development of the Goanna pit, the Windich pit and nearby satellite pits. First gold was poured in 1990.

Ore is processed at the Granny Smith CIP processing plant under campaign milling conditions and is located 12km east of the Wallaby underground mine.

## ASSETS ON SITE:

### PEOPLE

- » Bis had a workforce of approximately 20 team members supporting the Granny Smith operation.

### EQUIPMENT

- » dual-powered road trains
- » Cat 16H graders
- » articulated water carts
- » front-end loaders
- » articulated dump trucks
- » 30-tonne excavators
- » 140-tonne payload pit hauler side tipper
- » dump trucks
- » multi-wheel roller
- » water cart
- » service vehicle
- » mobile screening plant

## KEY ACHIEVEMENTS:

Bis secured the scope of work to build approximately six kilometres of causeways across Lake Carey for Gold Field's exploration purposes.

Bis completed multiple forward earthworks and civil projects for Gold Fields, including pre-plant construction earthworks, land clearing projects, and the construction of the tailings pad and water catchment dam.

### Rexx

Granny Smuth was one of the first trial locations for Rexx, Bis' proprietary 160-tonne dump truck. The trial helped to confirm Rexx's design expectations including the capability to haul fully loaded on steep inclines.

### DPRTs

The introduction of new high payload dual powered road trains equipped with advanced on-board safety systems reduces the number of vehicle interactions required on site and eliminates rehandling. This maximised the mine's production requirements and provided production and haulage efficiencies across the operation.