



PROJECT FACT SHEET

Granny Smith, WA

CUSTOMER:

Gold Fields Australia

LOCATION:



Granny Smith

The Granny Smith gold mine is located 21km south of Laverton, WA

STATUS:

Current

Start date: 2007

THE CONTRACT: LOGISTICS AND MATERIALS HANDLING

Bis provides 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, Bis quickly developed a collaborative and innovative relationship with Gold Fields that has seen our scope of works increase over time. A renewal in early 2021 now sees the contract 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, covers a distance of 15km and utilises dual-powered road trains and associated front end loaders. Annually, approximately 1.6 million tonnes of ore is moved this way.

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

Additionally, Bis now supplies and maintains a screening plant which is 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.

The annual production of the Wallaby mine is in-excess of 250,000 ounces per year.

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

ASSETS ON SITE:

PEOPLE

- » Bis has 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:

FORWARD WORKS

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

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

REXX ON SITE

Successful trials of REXX, Bis' proprietary 160-tonne dump truck, were conducted at Granny Smith. The works confirmed REXX's design expectations including the capability to haul fully loaded on steep inclines.

To find out more about REXX at Granny Smith, click here: [REXX at Granny Smith video](#)

THE POWER OF DPRTS

A key component of the 2021 contract renewal was the introduction of new high payload dual powered road trains equipped with advanced on-board safety systems.

DPRT's reduce the number of vehicle interactions required on site and eliminates rehandling. This maximises Gold Fields Australia's production requirements and provide production and haulage efficiencies across the operation.

Bis' ability to move bulk commodities in smarter, safer and more reliable ways continues to drive efficiencies at the site.