

Wattle Dam



Location	25km south west of Kambalda, WA
Client	Ramelius Resources
Commodity	Gold
Contract Duration	18 months
Major contractor since	March 2009



HWE Mining provides underground mechanised development and stoping at Wattle Dam gold mine, 25km south west of Kambalda in Western Australia, where gold is extracted through mechanised long hole stoping.

After the completion of the open cut, which started in March 2006, the portal was established and underground mining commenced in May 2009. The gold reserve is hosted in sheared ultramafic and has been drilled out with very exciting grades for client Ramelius Resources.

HWE Mining provides mechanised underground development using conventional drill and blast techniques. The mine is worked 24hrs a day, 365 days a year. HWE Mining employs 24 people, with the principal employing 11 to bring the total number of site personnel to 35.

Since the commencement of operations in March, HWE Mining has set up all external ground support in the pit prior to cutting the portal.

A development rate of 220 metres per month is required to extract 10,000 tonne of high grade ore per month. The contract requires a total of 2,733 metres of development and 171,000 tonnes of ore to be extracted.

Production at a glance

- 270 metres of development per month
- 10,000 tonne of stoping ore per month



Scope of work

- Management of safety and health; environment; Human Resources; and, industrial relations
- Plant maintenance
- Decline and level development
- Drilling, blasting and excavation of narrow vein ore body
- Load haul dump
- Ground support installation including rock bolting, mesh, cable bolting and shotcrete.
- Installation of all electrical infrastructure underground
- Secondary ventilation and services

EQUIPMENT	
Two boom Tamrock Axera jumbo	1
Elphinstone G2900 wheel loader	1
Elphinstone AD 45 dump truck	1
Normet charge wagon	1
Volvo integrated tool carrier	1
Normet Spraymac	1
Production drill rig Tamrock 720	1