



Location	600km north-west of Alice Springs in the Tanami Desert, NT
Client	Newmont Asia Pacific – Tanami Operations
Commodity	Gold
Major contractor since	1995



Since 1995, HWE Mining has been the sole mining contractor at Newmont Tanami's Callie Underground Mine, one of the most productive gold mines in Australia.

The mine currently produces 430,000 ounces of gold annually, an excellent result for a mine of its size. The life of the mine is expected to extend beyond 2015.

In 2003, HWE Mining and Newmont Tanami Pty Ltd established an innovative Alliance contract, integrating the companies' capabilities to reflect a partnership based on true collaboration.

The Alliance has provided an opportunity for HWE Mining and Newmont Tanami to align goals with respect to achieving and sustaining production and safety targets. It has also enabled Newmont Tanami to identify the true gap between owner-operated and contract business models, and establish a positive culture of continuous improvement at the operation.

HWE Mining provides mechanised underground development and stoping using drill and blast techniques, as well as maintenance and transportation services at Callie. We use the full range of underground mining plant and equipment at the mine.

Operating 24 hours a day, 365 days a year, Tanami Operations employs over 500 personnel. HWE Mining employs over 270 people at Callie.

Production at a glance

- 2 million tonnes of gold ore mined per year
- 9,000m of horizontal development per year
- 188,000m of production drilling per year
- 38,000m of diamond drilling per year
- 800m of raise drilling per year



Scope of work

Project management

- Management of:
 - Safety and health
 - Environment, community and
 - Indigenous affairs
 - Plant and procurement
 - Human resources and industrial relations
- Preparation of costing and optimisation studies
- Excavation design
- Drilling and blasting design
- Long-term mine planning and short to medium-term scheduling
- Mine development planning
- Plant maintenance
- Ventilation design, installation and maintenance

Mining

- Portal, decline, level and vertical development
- Development and production drilling, blasting and excavation
- Exploration drilling
- Ground support installation including rock bolting, strapping and meshing
- De-watering
- Backfilling

Alliance equipment

UNDERGROUND WORKS	
Two Boom Tamrock jumbos	4
Tamrock Solo 715 long hole drills	2
Tamrock Solomatic 720 long hole drill	1
Getman charge up rig	1
Elphinstone R2900 wheel loaders	5
Elphinstone AD55 trucks	14
Caterpillar 12H graders	2
Volvo L120 Integrated Tool carriers	4
Robbins 41R raise drill	1
Robbins 73R raise drill	1
Boart Longyear LM75 diamond drills	2
Boart Longyear LM90 diamond drills	2
Ancillary items	
SURFACE WORKS	
Komatsu PC800 excavator	1
Caterpillar 980G wheel loader	1
Caterpillar 972G wheel loader	1
Caterpillar D10N track dozer	1
Elphinstone 69D dump trucks	3
Caterpillar 16H grader	1