

# TROPICANA

The Tropicana Gold Mine poured first gold in September 2013 eight years after the initial discovery. At the time Tropicana was the first greenfields gold discovery to be brought into production in Australia for more than a decade.

**Location:** 330 kilometres east-northeast of Kalgoorlie-Boulder on the western edge of Western Australia's Great Victorian Desert.

**Ownership:** AngloGold Ashanti Australia Ltd (70% and manager) and Regis Resources Limited (30%) through the Tropicana Joint Venture.

## Key Statistics Calendar 2020

**Production:** 424,799oz (100%)

**Plant Throughput:** 8.8 Mtpa

**Head Grade:** 2.06 g/t

**Gold Recovery:** 90.42%

**Total Cash Costs:** US\$968/oz (AGA)

**All-in Sustaining Costs:** US\$1,225/oz (AGA)

**Ore Reserve at 100% (as at December 31, 2020):** 49.1 million tonnes grading 1.71 g/t for 2.69 Moz of contained gold.

**Mineral Resource at 100% (inclusive, as at December 31, 2020):** 145.1 million tonnes grading 1.64 g/t for 7.64 Moz of contained gold.

*The Ore Reserve and Mineral Resource estimates for Tropicana are updated on an annual basis. AngloGold Ashanti and Regis Resources provide full details of these estimates, including the applicable JORC statements, on their websites: [www.anglogoldashanti.com](http://www.anglogoldashanti.com) and [www.regisresources.com.au](http://www.regisresources.com.au).*

## Key Contractors

**Mining:** Macmahon Holdings

**Power Generation:** Kalgoorlie Power Systems

**Village & Administration:** ESS

**Aviation:** Network Aviation, Goldfields Air Services, Cobham Aviation

**Day works Services:** Kai Rho Contracting

**Light Vehicle Workshop:** Triodia

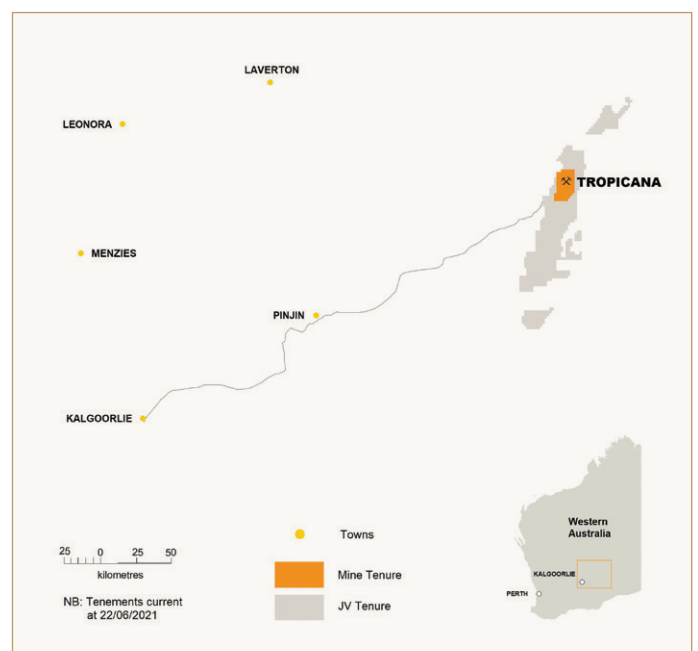
## Subcontractors

**Ancillary Equipment and Personnel:** Carey Mining

**Explosive Supply:** Dyno Nobel

## Workforce

Approximately 320 employed by AGAA and ~500 employed by contractors.





## Overview

One of the top five gold producing operations in Australia, Tropicana transitioned from large scale open pit mining to a combination of open pit and underground mining in 2020.

Up until June 2020, when the Tropicana pit and mining of the initial Havana pit was completed, ore production from the open pits exceeded plant capacity, allowing higher grade ore to be preferentially treated as lower grade ore was stockpiled. As open pit mining progresses through the next phase of a major cutback in the Havana pit, mill feed will comprise ore from the Boston Shaker underground mine, the Boston Shaker pit and stockpiles.

The Boston Shaker underground mine achieved commercial production in September 2020 and will achieve its full production rate of 1.1 Mtpa in the second half of 2021, contributing 100,000oz to annual gold production.

A trade-off study on the most optimum method to mine deeper ore in the Havana orebody resulted in a decision in mid-2021 to go ahead with a final cutback to create a large open pit, coupled with a relatively small-scale underground mine. Commercial production from the expanded Havana pit is scheduled for late 2022.

Sequential optimisation projects and a focus on continuous improvement have lifted processing plant throughput by just over 58% since start-up to 8.8 Mtpa by the end of 2020.

The final mill optimisation project – swapping the duties of the tails thickener and the leach thickener - was completed in mid-2021 and achieve a further increase to 9 Mtpa.

Exploration at the site remains focused on testing for extensions of underground mineralisation at Tropicana and Havana and on regional targets. Development of an underground drill drive from the Boston Shaker decline to test beneath the Tropicana pit was completed in 2021 and drilling has been providing encouraging results.





## Environment

Tropicana has environmental certification under the new ISO 14001:2015. Tropicana's EIA documents on subsequent reports can be viewed at [www.tropicana-jv.com.au](http://www.tropicana-jv.com.au).

Biodiversity is a feature of the safety and environmental management plan developed for the site. As part of the operation's biodiversity offsets strategy in its approved environmental management plan, the Great Victoria Desert Biodiversity Trust was established. A condition of the Federal Environmental Protection and Biodiversity Conservation Act approval for the mine, the Trust reflects the Tropicana Joint Venture partners' recognition of the need to base environmental management decisions on robust science. The Trust funds research on the remote Great Victoria Desert, where the mine is located, such as the first Sandhill Dunnart Research and Adaptive Management Plan for the GVD, which incorporates traditional owner land management expertise. Updates on the Trust and its research projects can be found at [www.gvdbiodiversitytrust.org.au](http://www.gvdbiodiversitytrust.org.au).





## Community

For almost two decades AngloGold Ashanti has actively supported education, youth, community development and health programmes in communities across the Western Australian goldfields, from Laverton to Kalgoorlie-Boulder and beyond, including the remote Aboriginal community of Tjuntjuntjara.

Supporting education programmes at Eastern Goldfields College, Kalgoorlie-Boulder Community High School and John Paul College remains a strong focus. Education and employment initiatives are also delivered through long-term partnerships with indigenous academies: Kalgoorlie Clontarf Academy, the Kalgoorlie Girls Academy and the Graham Farmer Follow the Dream Programme. Along with annual funding support for these organisations, AGAA offers mine site tours, exposure to a wide variety of careers in the mining industry and a transition-to-work programme.

AGAA Tropicana also supports a 'Think Local, Buy Local and Employ Local' strategy to promote business opportunities and the growth of local supply networks.

## Employment

The remote location of Tropicana necessitates a fly-in, fly-out operation with flights arranged to cater for employees and contractors based in both Kalgoorlie-Boulder and Perth. The site operates a combination of 4:3, 8:6, 2:2 and 2:1 rosters. Tropicana places an emphasis on recruiting locally where possible.

In 2021 the unique Get into Mining training programme was run for the sixth time at the site, offering a unique, entry-level employment opportunity for Aboriginal people in WA's goldfields region. A collaborative programme run by Aboriginal-owned mining and civil contracting company Carey Mining, with the support of Macmahon Holdings and the Tropicana JV partners, Get into Mining comprises a blend of training in a classroom, at a simulated worksite and through practical activities at Tropicana. The programme graduates go into employment across the mining and exploration departments at the site.

### Contact

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