



# WOODIE WOODIE PROJECT UPDATE

**Consolidated Minerals is a privately owned company and is among the four largest manganese ore producers in the world by volume, with mining operations in Australia and Ghana.**

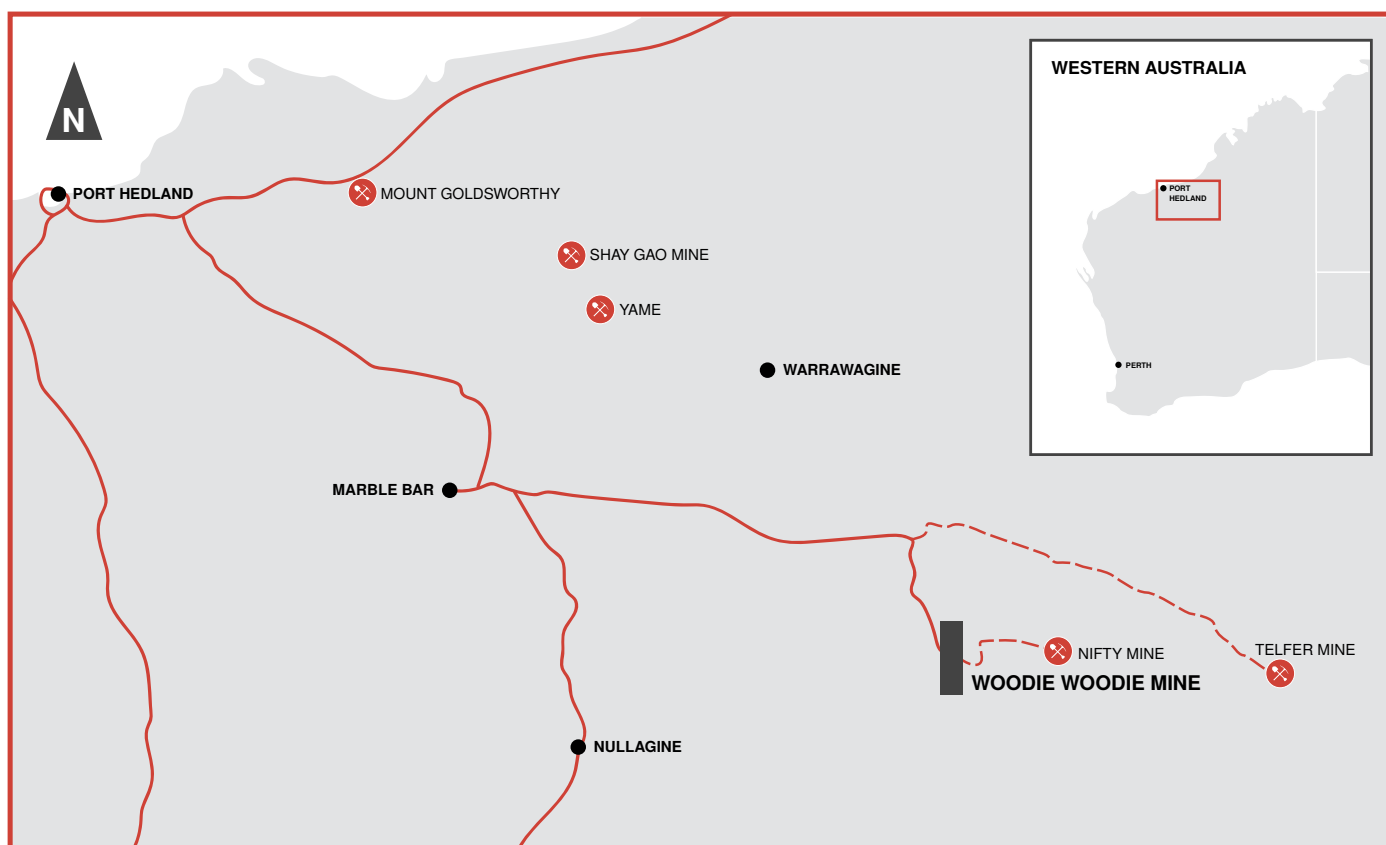
## WOODIE WOODIE MANGANESE MINE

ConsMin's key Australian asset is the Woodie Woodie mine in Western Australia, 380km south-east of Port Hedland and about 150km from Marble bar in the Shire of East Pilbara.

Manganese ore has been mined at Woodie since the early 1950s. It was the first bulk commodity exported from Port Hedland —14 years before iron ore.

Woodie Woodie produces high-grade manganese ore using traditional open-pit mining methods. Material is crushed, screened and beneficiated on site at a central processing plant and trucked by road trains to Port Hedland for shipment through the Utah Point Bulk Handling Facility.

The operation comprises open-pit mining across several pits and a 1.6Mtpa processing plant.





## WOODIE WOODIE CONTINUED OPERATIONS PLAN (WCOP)

**ConsMin is proposing to extend the life of the Woodie Woodie mine, extending the mine boundaries to the north, south, and west, increasing the Clearing Permit Boundary area from 7,589ha to create a Development Envelope of 12,708ha.**

Total production volumes will not increase from current levels. There will be no change to the rates of mining, processing or dispatch.

Under the new plans, mining operations will cease in 2031 but rehabilitation and mine closure activities will continue until 2042.

At the same time, ConsMin is updating its existing Mine Closure Plan that was submitted to the Department of Mining, Industry Regulation and Safety (DMIRS) in 2020.

The continued operations plan is subject to Federal and State approvals.

Continued operations are estimated to generate a total of 35 jobs in the Pilbara, about 1,440 in the rest of WA and 325 jobs in the rest of Australia.



Works associated with the continued operations include construction of various infrastructure to support mining activities, including roads and tracks, administration facilities including an accommodation village, communications infrastructure, processing plant, workshops and associated infrastructure.

## ENVIRONMENTAL STUDIES

Woodie Woodie falls partly in the Warrawagine and Wandanya Pastoral Stations or is otherwise on unallocated Crown land.

**ConsMin has conducted extensive environmental studies over the past 24 months to determine the impact of the continued operations.**

These studies have focused on five key factors identified by the EPA under which the mine extension plan is being assessed. These are:

- Terrestrial and Subterranean Fauna
- Flora and Vegetation
- Inland Waters
- Social Surrounds

Stakeholder engagement around these key factors has commenced, with feedback to inform ongoing development of the WCOP and the Mine Closure Plan.

### Flora and Fauna

Flora and Fauna surveys have identified several Conservation Significant Species:

- Priority Flora Species have been identified but no Threatened Species.
- Terrestrial Species such as the Northern Quoll and the Pilbara Olive Python have been recorded.



Investigations into impacts to Subterranean Fauna are ongoing. Impacts to any Subterranean Fauna species identified as conservation significant will be managed appropriately.

ConsMin proposes to avoid/minimise impacts to Conservation Significant Species and their habitats wherever possible and is developing a plan to manage this.

#### **Water use and reuse**

Water used on site comes from groundwater sources under licence from the Department of Water and Environmental Regulation. These licences allow for potable water use and use in mining activities including dust suppression and ore processing.

Excess water is discharged into natural creek lines, which flow on to the Oakover River (including to Carawine Gorge). This abstraction and discharge will continue, extending flows further downstream.

Mine closure will then potentially reduce water levels at Carawine Gorge when inflows return to natural levels.

#### **Social Surrounds**

The existing operation has already implemented many of the mitigation measures in relation to Social Surrounds. Continuation of the project into additional areas will not require a large range of additional measures to be developed and implemented.

## **MINE CLOSURE PLAN**

**A Mine Closure Plan is in place and is being updated as part of the continuing mining operations.**

Mine closure occurs in two stages: Stage one is decommissioning and involves the removal and disposal of all infrastructure and contaminated material; Stage two involves rehabilitation and revegetation, with the area being returned to a pastoral landscape.

At closure, Woodie Woodie will consist of open voids, backfilled voids and rehabilitated waste rock dumps. We have committed to ensuring these features are safe, stable and non-polluting. Monitoring will occur throughout closure activities.

The area will be returned to a pastoral landscape to ensure continuation of Warrawagine and Wandanya pastoral activities.

Through the stakeholder consultation process, several features may remain and be handed over to other land holders. This could include the airstrip and any water supply bores.

Discussions will be held with Traditional Owners over closure planning and there will likely be job opportunities related to rehabilitation which will encompass training and development.