



MetRes Millennium Mine

Proposed Mavis South Underground Project Information Sheet



October 2023



Proposed

Mavis South Underground

Existing Mavis Underground



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Background

The Millennium Mine covers two mining areas across six mining leases (MLs).

Often referred to as Mavis and Millennium Mines, the total Millennium Mine complex operates under Environmental Authority (EA) EPML00819213 (dated 07/06/2023).

On 7 December 2021, approval was received from the Queensland Department of Environment and Science to commence underground mining within the *Mavis* area (ML70457).

Benefits to Our Community

Since acquisition of the Millennium Mine by MetRes in 2021, the operation has successfully:

- Created 150-200 immediate and new jobs
- Engaged local contractors and employed local people from central Queensland
- Accessed metallurgical coal reserves available at Millennium Open Cut and Mavis Underground
- Committed investment to transform Millennium Mine from open-cut to underground operations.

MetRes continues to develop its business plan and is committed to progressive rehabilitation of the open-cut mining areas, which has already commenced.

Study Scope - Mavis South Underground Project

In early 2023, MetRes gained consent from Fitzroy Australia Resources to lodge a Mining Lease application over a portion of Mineral Development Licence (MDL) 3046 (on Lot3 on SP190266).

The proposed *Mavis South* Underground project is seeking approval for a small extension of the existing and approved *Mavis* underground mining operation, to access additional tonnage of metallurgical coal reserves, within approved environmental operating limits, using existing mining fleet and infrastructure.

The proposed extension into the new MLA area will result in **no new or additional surface activities or infrastructure** requirements and will take approximately 12 months to mine.

MetRes will lodge a Mine Lease application for the project with the Queensland Department of Resources and an Environmental Authority Amendment application with the Queensland Department of Environment and Science in Quarter 4 of 2023.

As part of the environmental authority application, MetRes has sought technical assessment in the following specialist areas:

- Terrestrial Ecology
- Mine Plan / Design
- Subsidence.
- Groundwater
- Surface water
- Water Balance

Studies Required and Timeline

Technical Study Outcomes

The minor expansion we are seeking is intended to make use of available metallurgical coal reserves, for a single year, from a minor mine extension.

The technical studies required for the environmental authority application have been completed and demonstrate that no new or additional environmental impacts will result from the minor expansion of the existing underground mining area, that we are applying for, over its 12 months of operation.

There will be:

- No new surface impacts or infrastructure required
- No ground subsidence outside of natural changes in the environment.

Local Benefit

- The key local benefit for this small expansion will be an additional ongoing 140 jobs in the local and regional communities

Project Timing

- Mavis South Underground applications
 - To be submitted Q4 2023
 - Mavis South underground mining Commencement
 - Start from August 2024

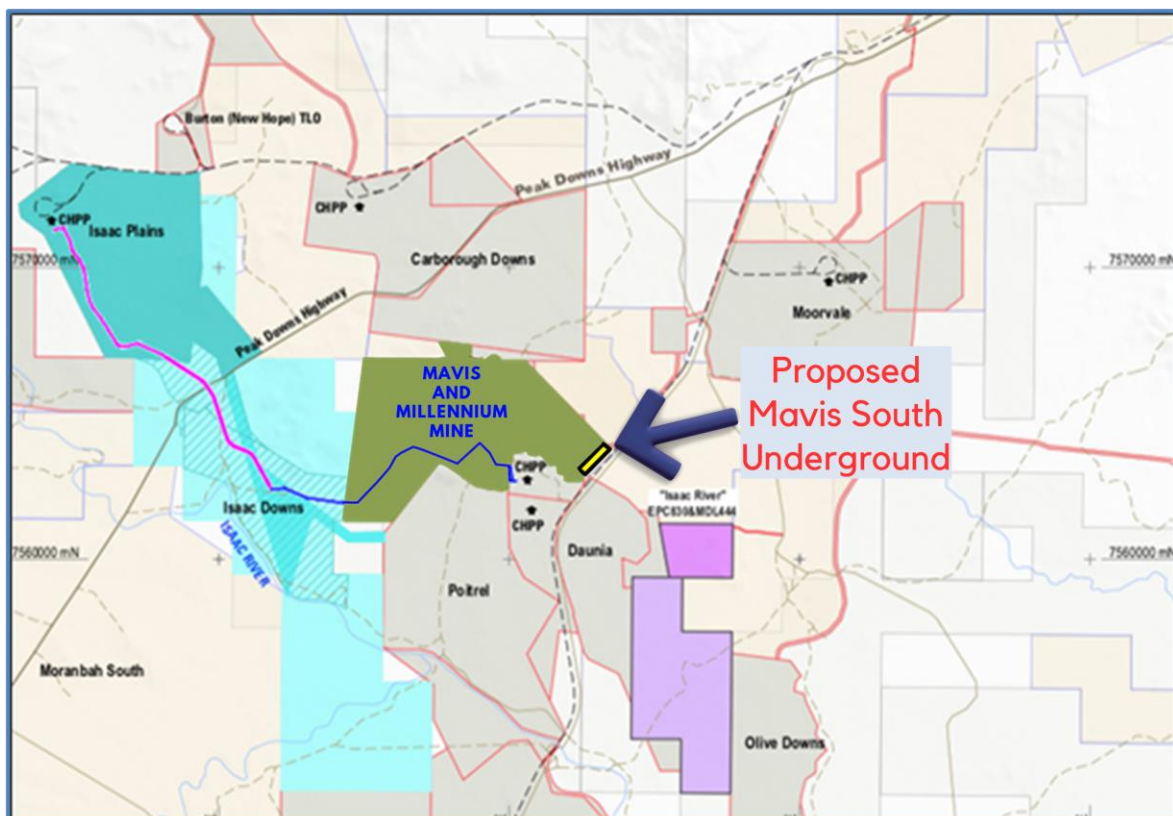
Location

Small Extension, Low Impact

The existing Mavis Underground Portals and Infrastructure will be used for Mavis South.

No additional infrastructure or surface disturbance is required for Mavis South.

Most existing Mavis Underground infrastructure is about 100m below the surrounding topography.



General Overview and Summary

The proposed Mavis South Underground Mining Lease:

- Has no surface footprint or additional infrastructure
- Results in no additional environmental impacts for its 12-month life
- Provides additional ongoing employment for 140 people.



There will be no additional surface disturbance as a result of our proposed Mavis South Underground. The existing infrastructure (shown here), WILL NOT be added to.

Ongoing Rehabilitation at Mavis and Millennium Mine

MetRes takes its responsibility to take care of the land very seriously. We are investing in progressive rehabilitation in line with our obligations to the community. While there is plenty left to do, these photos show our ongoing rehabilitation work at M Pit. Over time the pit will be returned to its pre-mining condition.

