

## RESOURCES

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| Project title:        | Heemskirk Tin Project  |
| Location:             | Zeehan, Tasmania, Australia  |
| Region:               | West Tasmania  |
| Tenement ref no.:     | ML2023P/M, ML 2M/2014, ML2040P/M   |
| Project proponent:    | Stellar Resources Limited  |
| Current status:       | Scoping Study completed  |
| Operating structure:  | ASX publically listed company (SRZ)  |
| Project size:         | AUD\$57 million  |
| Supporting documents: | Scoping Study (1 <sup>st</sup> October 2019 announcement)                    |
| Website:              | <a href="http://www.stellarresources.com.au">www.stellarresources.com.au</a> |



*Heemskirk Tin Project Mining Leases*

### PROJECT DESCRIPTION

Stellar Resources flagship project, Heemskirk Tin, is the highest grade undeveloped tin project in Australia, and second highest globally. Heemskirk comprises four tin deposits - Queen Hill, Severn, Montana and Oonah, which will be mined from underground. All deposits remain open and there is significant potential to increase the Heemskirk mineral resource.

Stellar Resources also has two smaller satellite deposits, St Dizier and Mount Razorback, located less than 20km from its Heemskirk Tin project, with potential for early production. In addition, Stellar Resources holds a large exploration licence package in the surrounding region with significant exploration potential.

Stellar Resources' objective is to establish Heemskirk as a significant Australian tin producer. Located near the historic mining town of Zeehan in western Tasmania, 18 km from the famous and long-producing Renison Bell tin mine, Heemskirk benefits from ready access to power, water, transport, mining and other infrastructure.

### UNIQUE SELLING PROPOSITION

In May 2019 Stellar Resources released a JORC 2012 compliant inferred and indicated mineral resource for the four Heemskirk deposits of 6.60 million tonnes with an average grade of 1.1% tin or 71,000 tonnes of contained tin. The May 2019 resource upgrade increased the indicated mineral resource component by 64% to 2.12 million tonnes based on a 9,000m close spaced drilling program undertaken in 2017 over the Queen Hill and Severn deposits.

In February 2017, the Tasmanian Minister for Resources granted a 12 year Mining Lease (2023P/M) over the Heemskirk tin deposits. Stellar also holds a 12 year Mining Lease over its preferred tailings dam site and a Mining Lease over the tailings pipeline route (ML2040P/M).



*Heemskirk Core: Part of high grade tin zone (7m @ 1.67% Sn average, incl 1m @ 5.55%)*



*Drilling rig at Heemskirk*

# TASMANIAN INVESTMENT OPPORTUNITY



## PROJECT DETAILS

Stellar completed a scoping study in October 2019 demonstrating the Heemskirk Tin project has attractive and robust economics.

Key results from the 2019 Scoping Study include:

- Underground Mining and on-site processing of ~350,000 tonnes per annum from Queen Hill and Severn deposits only.
- Mining head grade of 0.94% tin and average recovery of 69.4%.
- Annual production of 2,200 tonnes of tin in concentrate (expandable).
- Initial mine life of 11 years.
- Capital cost of A\$57 million benefiting from modular construction and the availability of existing infrastructure.
- Base case pre-tax NPV of AUD\$83 million and 45% IRR based on a tin price of US\$20,000/t and exchange rate of \$0.70 AUD/USD.

## TASMANIA PROFILE

As one of the most mineralised places on the planet, Tasmania has a remarkable geological diversity and abundance of rich and high-grade mineral deposits that are easily accessible, close to transport and infrastructure.

With supportive legislation for exploration and development, there remain many untapped opportunities for exploration, extraction and downstream processing of our mineral resources.

Through its mining regulation and exploration division, Mineral Resources Tasmania, the Tasmanian Government is proactively encouraging investment from companies who recognise the importance of sustainable, wealth generating opportunities in mining and mineral processing.

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*Zeelan Town & Queen Hill: Heemskirk Project*



*Heemskirk Tin Project location*

For general information on Tasmanian mining and mineral processing investment opportunities visit [www.cg.tas.gov.au](http://www.cg.tas.gov.au) or contact the Office of the Coordinator-General on +61 3 6777 2786 or email: [cg@cg.tas.gov.au](mailto:cg@cg.tas.gov.au)

For technical information visit Mineral Resources Tasmania at [www.mrt.tas.gov.au](http://www.mrt.tas.gov.au)

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