

Annual Report Exploration Licence EL5/2021

Simpson Creek

Report for period 1st March 2022 to 28th February 2023

Report compiled by John Carswell

August 2023

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Executive Summary

Preliminary work completed including landowner engagement, forestry snig track clearing, historical data compilation and trial ground radar survey.

Trial drill sampling delayed by unavailability of drilling rigs and wet weather.

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Loza Radar Australia initial trial line Simpson Creek.pdf (seperate file)

Collar co-ordinates International Mining Corporation 1969/70? cable tool drilling – EL052021_202308_SL.xls (seperate file)

Down hole assays International Mining Corporation 1969/70? drilling – EL022021_202308_DG.xls (separate file)

Introduction

Historical drill sample results indicate potential economic gold and tin grades in alluvial sediments in Simpson Creek a tributary of the Boobyalla River. The area is adjacent to historical alluvial workings at Banca.

Drill sampling of the alluvial deposits is planned to confirm and confine the tin and gold grades. Locating the historical drilling has been problematic and is not recorded in the MRT database.

EL5/2021 was issued on March 1 2022.

Previous Exploration

Previous exploration was carried out in the late 1960's to early 1970's at the end of the last phase of alluvial mining in the Banca area.

Reports relevant to exploration at Simpson Creek include:

- Undated (late 1960's/) International Mining Corporation (IMC) – an investigation into the Banca Mining Area – authors E Krajnc and GA McLellan – analytical results not complete – potential for tin resource at Boobyalla flat (Simpson Creek) identified.

- 22nd September 1970 – international Mining Corporation - Final Assessment Banca Tin Mine – E Krajnc – estimate of about 50 tonnes of cassiterite along Simpson Creek
- Undated – report for period Nov 1971 – March 1973 – Exploration undertaken by BMI Mining Pty. Ltd – IH Williams.
- 19th December 1973 – Department of Mines – letter from Chief Chemist K Dewey (?) to Mr T Rainbow with more/most of the results including composite samples from IMC drilling

The reports indicate the best potential for tin and gold is in the Simpson Creek area. The reports suggest sampling results were inconsistent and that sampling by cable tool drilling and on-site concentration before assaying may have been erroneous.

Exploration in Reporting Period

No sampling was carried out in the reporting period. Poor access to drill rigs concurrent with dry weather prevented drilling.

Onsite engagement with the landowner (Sustainable Timber Tasmania) with a MRT representative was undertaken in September 2022.

Forestry snig track clearing and clearing a potential drilling/geophysics line was completed in December 2022

Trial ground penetrating radar was completed to test the depth of the alluvials. The results are inconsistent with the IMC drilling.

Previous (late 1960's and early 1970's) drilling was complied and converted to GMA94 coordinates.

Discussion and Conclusions

There is potential for a small economic resource of tin/gold at Simpsons Creek. Further geophysical surveying and drill testing is warranted.

Future Exploration

Trial drill testing to confirm International Mining Corporation drilling from 1969/70? Will be undertaken and possibly further geophysical testing

Environmental Management

No environmental impact

Expenditure.

Expenditure in the reporting period totalled \$3200 - \$2000 for geophysics and \$1200 for track clearing.

References

Previous exploration reports from Simpson Creek include:

- Undated (late 1960's/) International Mining Corporation (IMC) – an investigation into the Banca Mining Area – authors E Krajnc and GA McLellan – analytical results not complete – potential for tin resource at Boobyalla flat (Simpson Creek) identified.
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Appendices

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John Carswell

5th august 2023

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