



STELLAR RESOURCES LIMITED

Tarcoola Iron Pty Ltd

EL3/2022 (MT PARIS & ARGONAUT RD)

PARTIAL SURRENDER REPORT FOR THE PERIOD

8 September 2022 – 16 January 2024 (Entire Term)

Compiled by: Gary Fietz, Josh Phillips and Richard Spencer-Lloyd,
Stellar Resources Limited

DATE: 14 March 2024

Datum used in report: GDA94.

Stellar Resources Limited

(ABN 108 758 961)

Level 4, 96-100 Albert Road,

South Melbourne,

Victoria, 3205

ABSTRACT

This Partial Surrender Report covers work completed on the 36 km² Surrendered Area of EL3/2022 surrendered on 16 January 2024 by Tarcoola Iron Pty Ltd (“Tarcoola”), a wholly owned subsidiary of Stellar Resources Limited, for the entire term the Surrendered Area has been held by Tarcoola from 8 September 2022 to 16 January 2024. The EL3/2022 Surrendered Area comprises of two blocks; (a) a larger block located west of St Helens along Argonaut Rd, and (b) a smaller block located between Derby and Welborough to the north of Mount Paris.

Work completed on the 61 km² Retained Area is covered in separate Annual Reports and is not included in this report.

Following Partial Surrenders of EL2/2021, EL3/2022 and EL19/2020, in January 2024, on 18 January 2024, Mineral Resources Tasmania approved Tarcoola’s application to consolidate the retained areas of EL2/2021 and EL3/2022 into the retained area of EL19/2020, with EL19/2020 now having an area of 186 km².

EL3/2022 is one of 5 Exploration Licences currently held by Tarcoola covering a combined area of 648 km² in NE Tasmania. Tarcoola is actively exploring for lithium, gold, tin, and base metals on the ground it holds in northeast Tasmania.

Areas of NE Tasmania are prospective for granite-related tin-tungsten deposits, hosting the historic Aberfoyle/Storeys Creek and Anchor tin mines as well as a further 200 additional tin-bearing hard-rock mineral occurrences, associated with late-stage alkali granites. Five of these late-stage alkali granites occur on Tarcoola’s EL’s in NE Tasmania which are prospective for Sn, W and are also considered targets for mica-hosted lithium and other critical minerals which may occur in greisens in the alkali granite roof zones.

The EL3/2022 Surrendered Area is comprised largely of I-type granites of the Blue Tier Batholith including:

- Mt Pearson Granite – within the smaller block located between Derby and Welborough.
- Poimena Granite – within the larger block located west of St Helens / southeast of Pyengana.

These I-Type granites are parts of the main granitic intrusion phase of the Blue Tier Batholith and are located outside the more prospective late-stage fractionated alkali granites (Constables Creek Granite and Mt Paris Granite respectively) which intrude them and are considered prospective for; (a) Devonian vein related tin and tungsten deposits, and (b) Li, Sn and other critical minerals hosted in greisens which may occur in the alkali granite roof zones. There are no recorded mineral occurrences within the EL3/2022 Surrendered Area.

Work completed on the EL3/2022 Surrendered Area during the entire term the ground has been held from 8 September 2022 to 16 January 2024 has included:

- Reprocessing of geophysical surveys (aeromagnetic, radiometric and gravity surveys).
- Creation of historic exploration database and GIS environment.
- Capture of historic surface geochemistry data not in MRT Database from historic annual reports.
- Desktop targeting studies. No targets have been identified within the EL3/2022 Surrendered Area.
- One stream sediment sample and one rock chip sample were collected in the Mt Pearson Granite in November 2022 as part of a larger surface geochemistry program targeting the Constables Creek late-stage alkali granite located to the south within the retained area of EL3/2022. No significant results were returned from these two samples which were not located over any of Tarcoola’s identified targets.

Tarcoola conducted a review of its NE Tasmania exploration projects in November 2023 which resulted in the priority of the targets within the Surrendered Area being downgraded and a decision being made to surrender the area to reduce costs.

Expenditure was not separately recorded for the Surrendered Area. Expenditure over the Retained and Surrendered Areas combined has been reported in previous Annual Reports.

CONTENTS

ABSTRACT2

1 INTRODUCTION5

 1.1 Exploration Rationale5

 1.1.1 Regional5

 1.1.2 Prospect5

 1.2 Exploration Licence – EL3/2022 Surrendered Area6

 1.2.1 Exploration Licence Summary - EL3/2022 Surrendered Area6

2 REVIEW OF PREVIOUS WORK8

 2.1 Historic Summary8

3 EXPLORATION COMPLETED DURING REPORTING PERIOD9

 3.1 Reprocessing of Geophysical surveys9

 3.2 Creation of Historic Exploration Database and GIS Environment9

 3.3 Capture of Historic Surface Geochemistry not in MRT Database9

 3.4 Desktop Targeting Studies9

 3.5 Reconnaissance Visits and Surface Geochemistry 10

4 DISCUSSION OF RESULTS 12

5 CONCLUSIONS 12

6 FUTURE EXPLORATION 12

7 ENVIRONMENTAL MANAGEMENT 12

8 EXPENDITURE 12

9 REPORTING BIBLIOGRAPHY 13

10 REFERENCES 14

APPENDICES 15

List of Tables

Table 1. Historic Exploration Summary8

Table 2. EL3/2022 List of Reports Provided During Exploration Tenement Term 13

List of Figures

Figure 1. Activities Summary Map - EL3/2022 Surrendered Area (8 September 2022 to 16 January 2024)4

Figure 2. EL3/2022 Surrendered and Retained Areas7

Figure 3. EL3/2022 Surrendered Area (Southern Block) - Mt Pearson Granite Rock Chip and Stream Sediment Sampling Results 11

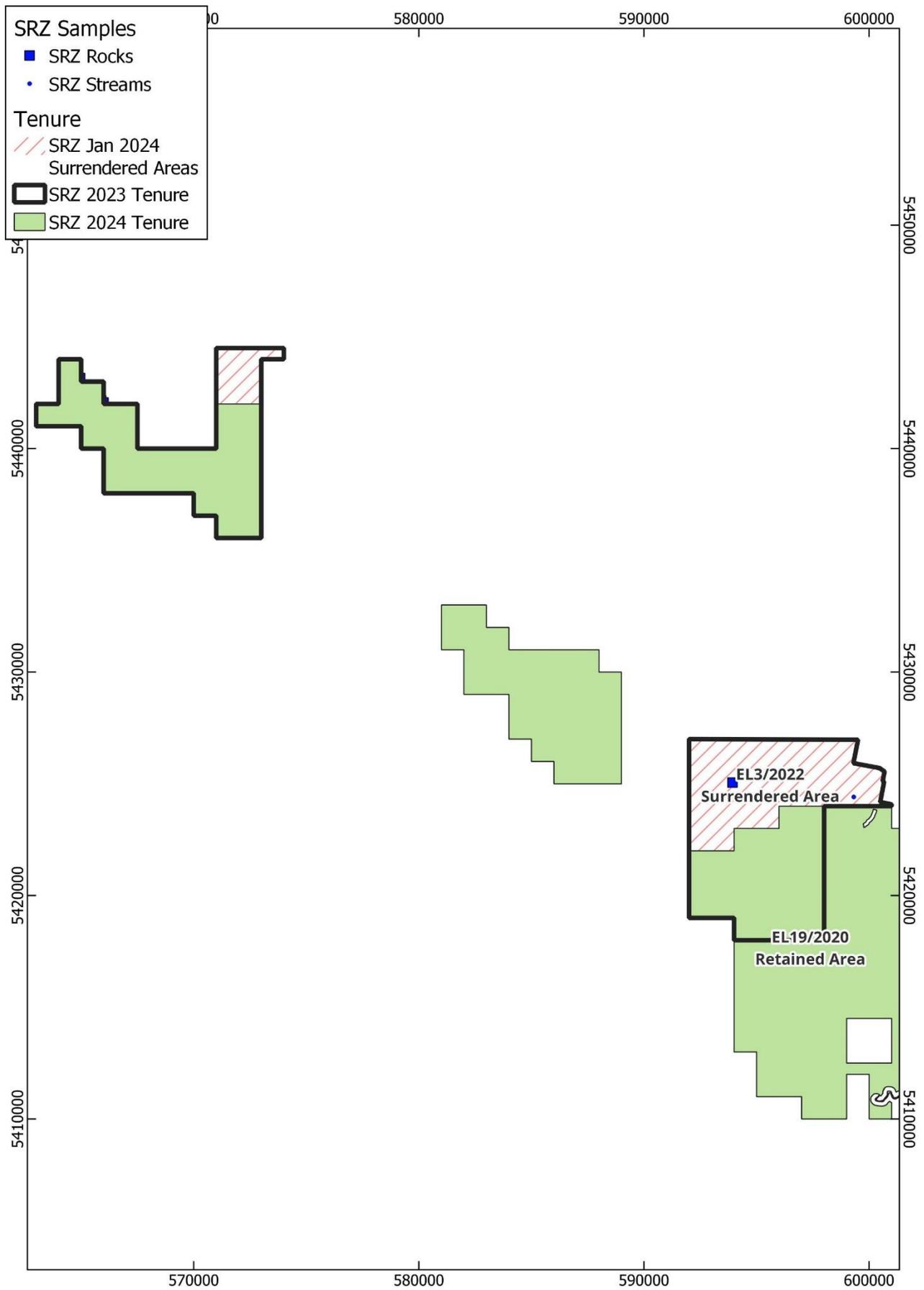


Figure 1. Activities Summary Map - EL3/2022 Surrendered Area (8 September 2022 to 16 January 2024)

1 INTRODUCTION

1.1 Exploration Rationale

1.1.1 Regional

1.1.1.1 Tin-Lithium

Areas of NE Tasmania are prospective for granite-related tin-tungsten deposits, hosting the historic Aberfoyle/Storeys Creek and Anchor tin mines as well as a further 200 additional tin-bearing hard-rock mineral occurrences, associated with late-stage alkali granites. North-east Tasmania is underlain by numerous facies of the regionally extensive, multiphase granite-granodiorite complex of the Scottsdale, Blue Tier and East Coast Batholiths. These regional scale plutons are intruded by late-stage highly fractionated alkali granites that are spatially and genetically associated with the hard-rock tin mines and occurrences. Tarcoola Iron hold majority tenure over three of the five significant alkali granite occurrences in the region, which are now also considered prospective for Li and other critical minerals hosted in greisens which may occur in the alkali granite roof zones. Historic open-file rock chip data includes values >100ppm Li, with several values ranging between 600-1400ppm Li in the Mt Paris and Lottah areas.

1.1.2 Prospect

The EL3/2022 Surrendered Area is comprised largely of I-type granites of the Blue Tier Batholith including:

- Mt Pearson Granite – within the smaller block located between Derby and Welborough.
- Poimena Granite – within the larger block located west of St Helens / southeast of Pyengana.

These I-Type granites are parts of the main granitic intrusion phase of the Blue Tier Batholith and are located outside the more prospective late-stage fractionated alkali granites (Constables Creek Granite and Mt Paris Granite respectively) which intrude them and are considered prospective for; (a) Devonian vein related tin and tungsten deposits, and (b) Li, Sn and other critical minerals hosted in greisens which may occur in the alkali granite roof zones. There are no recorded mineral occurrences within the EL3/2022 Surrendered Area.

1.2 Exploration Licence – EL3/2022 Surrendered Area

EL3/2022 was granted to Tarcoola Iron Pty Ltd (“Tarcoola”), a wholly owned subsidiary of Stellar Resources Limited, on 8 September 2022.

On 16 January 2024, Mineral Resources Tasmania approved Tarcoola’s Partial Surrender application to surrender 36 km² of EL3/2022, with 61 km² retained (see Figure 2).

This Partial Surrender Report for EL3/2022, covers work completed on the 36 km² Surrendered Area for the entire term the Surrendered Area has been held by Tarcoola (8 September 2022 to 16 January 2024).

Work completed on the 61 km² Retained Area is covered in separate Annual Reports and is not included in this report.

Following Partial Surrenders of EL2/2021, EL3/2022 and EL19/2020, in January 2024, on 18 January 2024, Mineral Resources Tasmania approved Tarcoola’s application to consolidate the retained areas of EL2/2021 and EL3/2022 into the retained area of EL19/2020, with EL19/2020 now having an area of 186 km².

EL3/2022 is one of 5 Exploration Licences currently held by Tarcoola Iron Pty Ltd, a 100% owned subsidiary of Stellar Resources Limited, covering a combined area of 648 km² in NE Tasmania. Tarcoola is actively exploring for lithium, gold, tin, and base metals on the ground it holds in northeast Tasmania.

1.2.1 Exploration Licence Summary - EL3/2022 Surrendered Area

Tenement number: EL3/2022 Surrendered Area

Tenement name: PYENGANA

Tenement area: 36 km² Surrendered Area

Tenement location: The Surrendered Area comprises of two blocks; (a) a larger block located west of St Helens along Argonaut Rd, and (b) a smaller block located between Derby and Welborough to the north of Mount Paris.

Reporting period: 8 September 2022 to 16 January 2024.

Tenement holder: Tarcoola Iron Pty Ltd., a wholly owned subsidiary of Stellar Resources Limited.

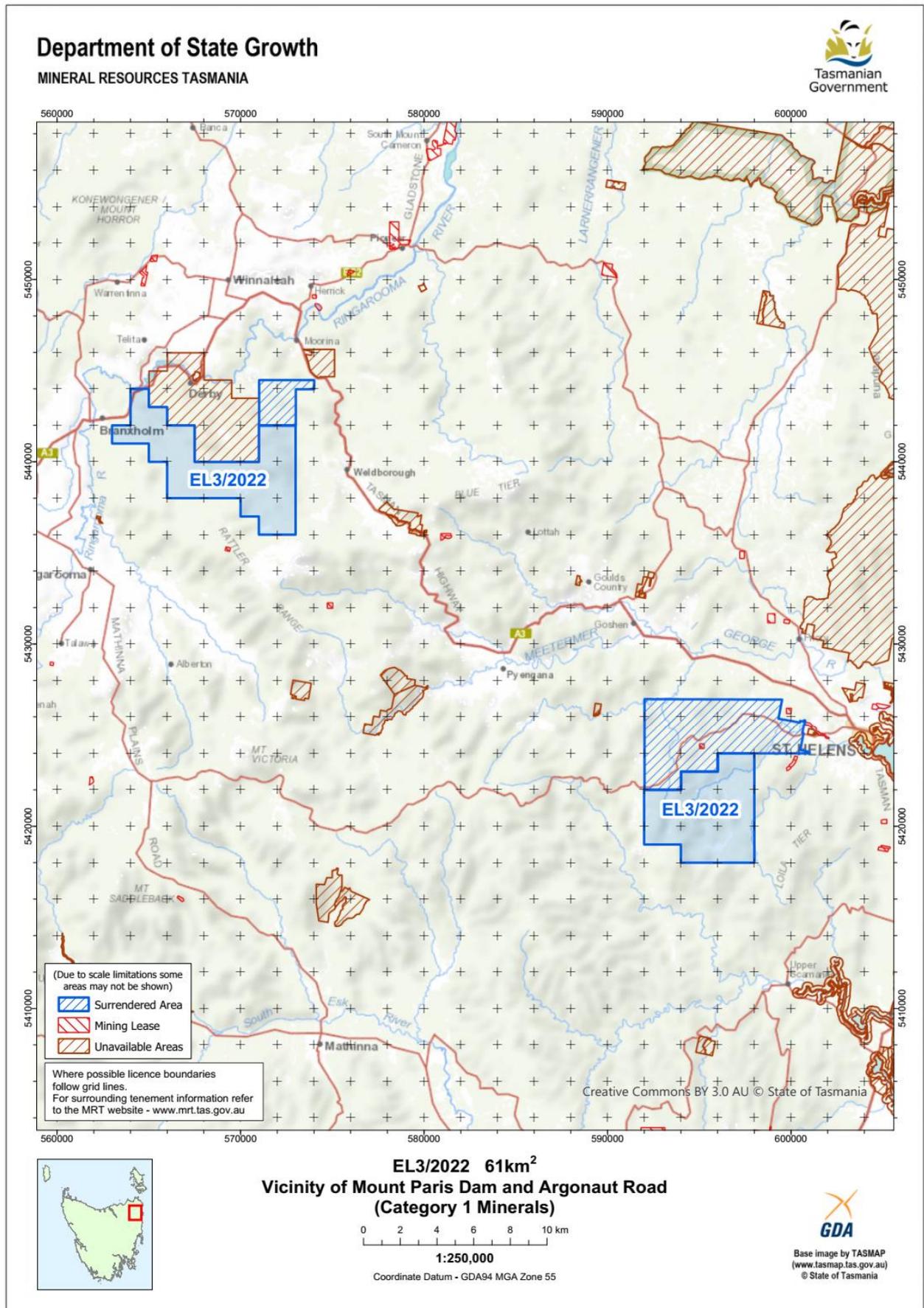


Figure 2. EL3/2022 Surrendered and Retained Areas

2 REVIEW OF PREVIOUS WORK

2.1 Historic Summary

A review of historic work completed on EL3/2022 (Surrendered and Retained Areas) was compiled by Adrian Rigg is listed in Table 1.

Table 1. Historic Exploration Summary

EL3/2022 Mt Paris Dam & Argonaut Rd					
Company	Year	Location	Activity	Comments	Report
TDM	1962	Argonaut Rd Block. George River, Thureaus Deep Lead	Drilling x 6	Sn, deep lead; Cable tool; Line 2-7, 8, 9, 15, 36, 37.	TR8_63_71
Utah Development Co & Other Unk	1970s	Mt Paris Dam Block. Branhholm, Arba lead	Drilling x 9	Sn, deep lead; PD; North Arba x & Unknown x	82-1415, 84-2101
Geophoto	1974	Argonaut Rd Block. Upper Scamander Nth	Soil sampling	Ag, Cu, Pb, Zn	74-0995
BHP	1979	Scamander Area	Aeromagnetic survey	300m fls	
CSR/Pacmine x	1979	Regional	Rock chip sampling	Ag, As, Bi, Ca, Cu, Mo, Pb, Zn	79-1407
CSR	1979	Moonlight Marsh	Soil sampling	Cu, Sn, W, Zn	79-1407
CSR	1982	Ferntree Hill Grid	Soil sampling	Ag, Cu, Mo, Pb, Sn, W, Zn	82-1765
CSR	1982	Ferntree Hill	Drilling x 10	Sn; PD; FTH1 to 10	83-1990
BHP	1982	Upper Constables Creek	Soil sampling	Ag, As, Bi, Cu, Mo, Pb, Sn, W, Zn	82-1761
BHP	1982	Upper Wolfram Creek	Soil sampling	Ag, As, Bi, Cu, Mo, Pb, Sn, W, Zn	82-1761
CSR	1983	Ferntree Hill - Girdys Hill - Rileys Hill - Moonlight Marsh Traverse	Rock chip sampling	Bi, Cu, Ni, W, Zn	83-1990
CSR	1983	Girdys Hill	Soil sampling	Bi, Cu, Mo, Pb, Sn, W, Zn	83-1990
CSR	1983	Ruby Ck Circular Feature Area	Rock chip & soil sampling	Bi, Cu, Mo, Pb, Sn, W, Zn. Just outside of EL.	83-1990
CSR	1983	Upper Scamander area	Rock chip sampling	Bi, Cu, Ni, W, Zn	83-1990
CSR	1983	Ferntree Hill area	Rock chip sampling	Bi, Cu, Ni, W, Zn	83-1990
TGS	1993	Mt Horror	Aeromagnetic survey	200m fls	
MRT	2007	NE Tasmania	Aeromagnetic survey	200m fls	

3 EXPLORATION COMPLETED DURING REPORTING PERIOD

This section covers work completed by Tarcoola Iron Pty Ltd., a wholly owned subsidiary of Stellar Resources Limited, on the EL3/2022 Surrendered Area (36 km²) during the entire term the ground has been held from 8 September 2022 to 16 January 2024.

3.1 Reprocessing of Geophysical surveys

From November 2020 to January 2021 Phil Muir from Southern Mineral Exploration Geophysics completed reprocessing of aeromagnetic, radiometric and gravity surveys over tenements held by Tarcoola Iron in the NE Tasmania (Appendix A). In addition to the 2007 Northeast Tasmania and 1999 Northern Tasmania regional aeromagnetic and radiometric surveys, 6 local aeromagnetic surveys over Tarcoola Iron's NE Tasmania tenements were reprocessed using 5 different filterers on aeromagnetic surveys, 5 different filters on airborne radiometric surveys and 2 different filters on gravity surveys. For each survey and filter combination, 4 different colouring options were produced resulting in a total of 362 different reprocessed geophysical images generated (See **Appendix A**). Local surveys were also stitched into regional surveys to produce combined regional-local survey stitched images.

The reprocessed geophysical surveys produced by Southern Mineral Exploration Geophysics have provided a key targeting tool for desktop identification of orogenic structural gold targets and IRGS targets.

3.2 Creation of Historic Exploration Database and GIS Environment

In October 2020, Ross Corben from Geowiz Consulting compiled Tarcoola Iron's initial exploration database in Microsoft Access, containing all available historic exploration data including:

- Soil sampling results
- Stream sediment sampling results
- Rock chip results
- Drilling results
- Historic records on occurrences

Geowiz then established a GIS environment in Google Earth incorporating all the data in the historic exploration Microsoft Access database, along with the reprocessed geophysical surveys completed by Southern Mineral Exploration Geophysics and published 25K and 50K geological map sheets.

3.3 Capture of Historic Surface Geochemistry not in MRT Database

From February 2021 to March 2022, GIS consultant Adrian Rigg captured soil sampling, stream sediment sampling and rock chip sampling data not available in MRT's database for Tarcoola's NE Tasmania EL's from public file Company annual exploration reports. These have been added to the Access database and GIS environments by Geowiz.

A total of 119 rock chip samples, zero stream sediment samples and 36 soil samples were captured from company reports within the EL3/2022 Surrendered Area. This data is provided in **Appendix B**.

3.4 Desktop Targeting Studies

Several desktop targeting studies have been completed by Stellar and by consultant Josh Phillips from JP Geoscience. These have comprised review of all historic data including soil, rock chip and stream sediment results, drilling results and historic records on occurrences within each tenement as well as analysis of geophysical surveys completed by Phil Muir.

No targets have been identified by Tarcoola within the EL3/2022 Surrendered Area.

3.5 Reconnaissance Visits and Surface Geochemistry

One stream sediment sample and one rock chip sample were collected in the Mt Pearson Granite in November 2022 as part of a larger surface geochemistry program targeting the Constables Creek late-stage alkali granite located to the south within the retained area of EL3/2022. No significant results were returned from these two samples which were not located over any of Tarcoola's identified targets.

Results from the 1 stream sediment sample and 1 rock chip sample¹ collected within the EL3/2022 Surrendered Area are included in the MS Access database provided in **Appendix C** and shown in Figure 3.

All samples were all located by handheld GPS.

Stream sediment samples were sieved to -80 mesh in the field and taken to ALS Burnie for analysis.

- Sn-W analysed using Lithium-borate fusion with ICP-MS finish.
- Four acid digestion with ICP-MS finish (ME-MS61) for all other elements

Rock chip samples were taken to ALS Burnie for sample preparation (coarse crush and pulverisation) and analysis comprising:

- Sn-W analysed using Lithium-borate fusion with ICP-MS finish.
- Four acid digestion with ICP-MS finish (ME-MS61) for all other elements.

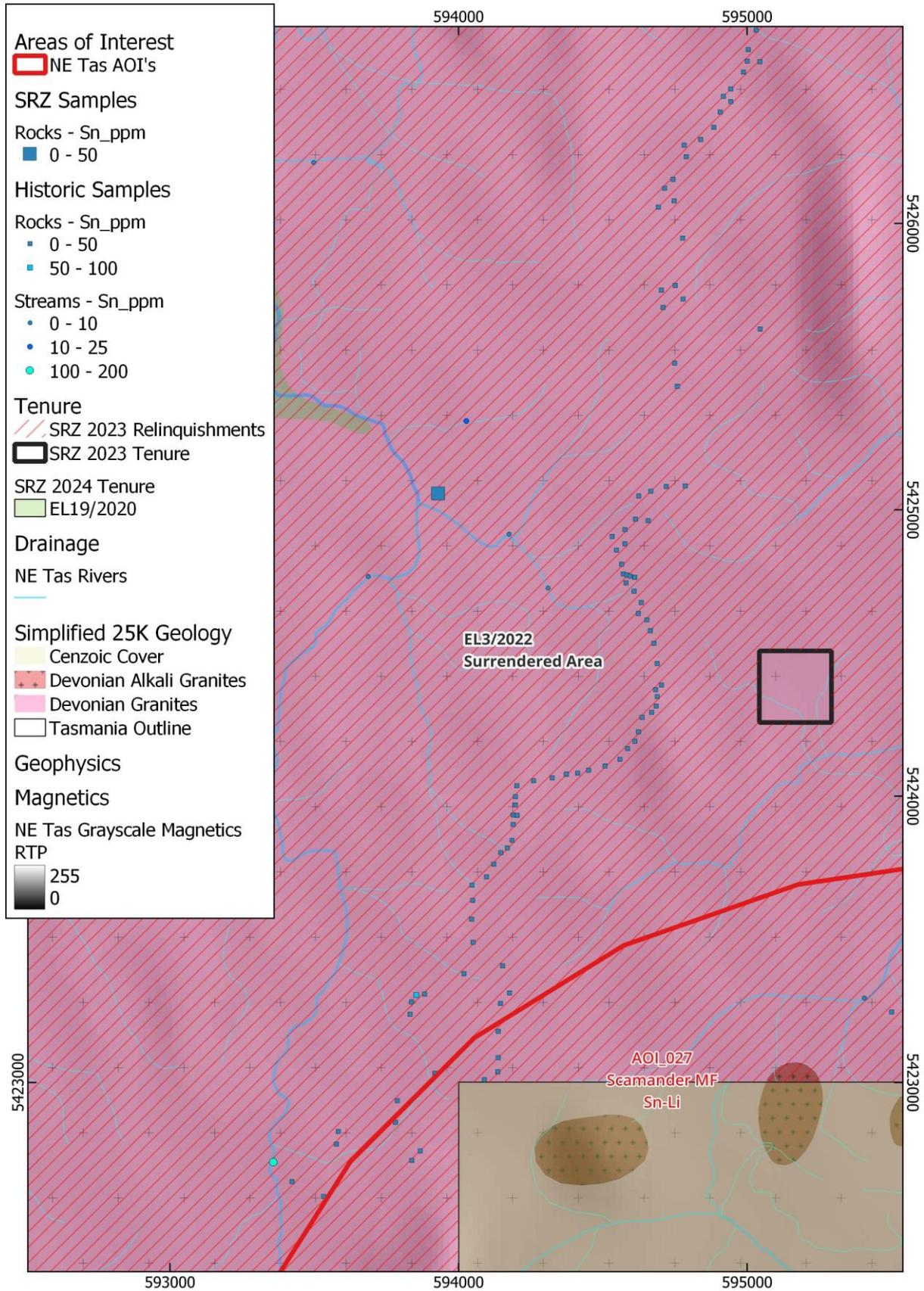


Figure 3. EL3/2022 Surrendered Area (Southern Block) - Mt Pearson Granite Rock Chip and Stream Sediment Sampling Results

4 DISCUSSION OF RESULTS

Tarcoola has not identified any targets within the Surrendered Areas of EL3/2022 which include the I-Type Mt Pearson and S-Type Poimena Granites. These granites both predate the late-stage Alkali intrusions (and therefore may host blind mineralisation). Although the Surrendered Areas of EL3/2022 were rated by Tarcoola as having low prospectivity, the concept of a blind mineralisation related to remains untested, largely because of the significant cost and risk associated with the large systematic surface geochemistry programs required to test it.

One stream sediment sample and one rock chip have been analysed, neither returning any significant results.

5 CONCLUSIONS

Tarcoola conducted a review of its NE Tasmania exploration projects in NE Tasmania in November 2023 which resulted in the priority of the targets within the Surrendered Area being downgraded and a decision being made to surrender the area to reduce costs.

6 FUTURE EXPLORATION

As the area has been surrendered, no further work is planned.

7 ENVIRONMENTAL MANAGEMENT

Minor vegetation cutting for foot access to sample sites has been the only environmental disturbances occurring from exploration activities such as geological mapping and hand sample collection. All and any disturbance is remediated immediately when samples are taken, in accordance with best practice. For example, all soil sampling holes are backfilled with a suitable length stick included, in case of subsidence, so the smaller fauna can always climb out. Disturbed rocks are replaced to preserve insect and reptile habitat.

8 EXPENDITURE

Expenditure was not separately recorded for the Surrendered Area. Expenditure over the Retained and Surrendered Areas combined has been reported in previous Annual Reports.

9 REPORTING BIBLIOGRAPHY

Annual Technical Reports as provided during the term Tarcoola Iron Pty Ltd have held EL3/2022 is detailed in Table 2 below.

Table 2. EL3/2022 List of Reports Provided During Exploration Tenement Term

COMPANY	PERIOD	TITLE	AUTHOR	APPENIDCES
Tarcoola Iron Pty Ltd (Stellar Resources Limited)	8 September 2022 to 6 September 2023	EL3_2023 2022-2023 Annual Technical Report	R. Lockley	<p>Appendix A – EL3/2022 Tarcoola Geochemistry Samples Database (.CSV file) (Ross Corben)</p> <p>Appendix B – Historic Geochemistry Database (MS Access) (Adrian Rigg, Ross Corben)</p>
	7 September 2023 to 27 February 2024	EL19_2020_2023-2024 Annual Technical Report	G. Fietz, J. Phillips, R. Spencer-Llyod	<p>Appendix A - EL19/2020 Rock Chip Results for samples collected during previous reporting period with results pending at time of previous Annual Report - MS Excel (Stellar / Geowizz)</p> <p>Appendix B - EL19/2020 Stream Sediment Sample Results for samples collected during previous reporting period with results pending at time of previous Annual Report - MS Excel (Stellar / Geowizz)</p> <p>Appendix C - EL19/2020 Rock Chip Results for samples collected during current reporting period - MS Excel (Stellar / Geowizz)</p> <p>Appendix D - North Scamander Rock Chip Sampling and Gossan Mapping Presentation (Stellar)</p> <p>Appendix E - North Scamander NSD005 Core Photographs</p> <p>Appendix F - North Scamander NSD005 Drillhole Database – MS Access Database (Stellar / Geowizz)</p> <p>Appendix G - North Scamander NSD005 DHEM/FLEM Survey - Scope, Proposal and Data (GAP Geophysics)</p> <p>Appendix H- North Scamander NSD005 DHEM / FLEM Modelling Report and Plate .dfx Files (Mitre Geophysics)</p>

10 REFERENCES

See Table 1 for MRT references to Annual Reports covering historic exploration completed over EL3/2022. All historic listings are referenced by Company, Year, Location, and the relevant Report Number.

Bottril, R.S., Taheri, J., Keele, R.A., and McClenaghan. 1994, A field guide to gold deposits in northeastern Tasmania, Mineral Resources Tasmania REPORT 1994/149

Reed, A.R., 2004, Gold mineralisation and the regional Palaeozoic structure of the Mathinna Supergroup, eastern Tasmania, Mineral Resources Tasmania REPORT 2004/01

Seymour, D.B., Woolward, I.R., McClenaghan, M.P., Bottril, R.S. 2011, Stratigraphic revision and re-mapping of the Mathinna Supergroup between the River Tamar and the Scottsdale Batholith, northeast Tasmania, Mineral Resources Tasmania, Tasmania.

APPENDICES

- Appendix A Reprocessed aeromagnetic, radiometric and gravity surveys over tenements held by Tarcoola Iron, NE Tasmania (Phil Muir, Southern Mineral Exploration Geophysics, Nov 2020 – Jan 2021)
- Appendix B Historic Geochemical data captured from company reports over Surrendered Areas collected by GIS consultant Adrian Rigg. Microsoft Access database. (Ross Corben, Geowiz Consulting)
- Appendix C Surface Geochemistry Results – samples collected by Tarcoola. Microsoft Access database. (Ross Corben, Geowiz Consulting)