STELLAR RESOURCES LIMITED

Tarcoola Iron Pty Ltd

EL10/2020 (Beaconsfield South)

FULL SURRENDER REPORT FOR THE PERIOD

26 April 2022 – 8 January 2024 (Entire Term)

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Datum used in report: GDA94.

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ABSTRACT

This Full Surrender Report covers work completed on the 165 km^2 Surrendered Area of EL10/2020 (the entire tenement) surrendered on 8 January 2024 by Tarcoola Iron Pty Ltd ("Tarcoola"), a wholly owned subsidiary of Stellar Resources Limited, for the entire term EL10/2020 has been held by Tarcoola from 26 April 2022 to 8 January 2024. EL10/2020 is located south of Beaconsfield, Tasmania.

Tarcoola currently holds 5 EL's covering a combined area of 648 km^2 in NE Tasmania. Tarcoola is actively exploring for lithium, gold, tin, and base metals on the ground it holds in northeast Tasmania.

Regionally, North-east Tasmania is highly prospective for Victorian-style Orogenic Gold, Intrusive Related Gold Systems (IRGS) contains ~739 recorded historic gold occurrences. Included of note is the Beaconsfield Mine (2.3 MOz), Lefroy Goldfield (0.2MOz) and New Golden Gate Mine (0.3 MOz).

The Beaconsfield South EL10/2020 area is situated along strike from the historic 2Moz Beaconsfield vein gold system. There is a complex range of magnetic features present throughout the areas of interest of the tenement, several of these magnetic features appear to correlate well to mapped faulted folds. The area also contains a magnetic feature which may represent a potential Intrusive Related Gold system (IRG).

Work completed on EL10/2020 during the entire term the ground has been held from (26 April 2022 to 8 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 which identified the following targets within the EL10/2020:
    - Mt Careless Au target (AOI_034) – Anomalous pathfinder grades in rock chips along strike associated with NW structures and significant mag features.
    - Winkleigh Au target (AOI_033) - Anomalous As in soils and 0.17ppm Au in rock chips.
    - Rookery Creek Au target (AOI_32) – Historic high-grade rocks along strike, mag feature possible IRG.
- Reconnaissance visits and surface geochemistry:
    - 27 rock chip samples were collected in March 2023 largely over the Mt Careless Au target (AOI_034) selected based on the sporadic mineral occurrences, corresponding linear E-W or NNW features in the magnetics and sporadic high As values in historic rock chips. Unfortunately, the 27 rock chip sample program did not return any significant Au or pathfinder results. Sample SRZ100021 did show some low-level pathfinder anomalism (0.76 g/t Ag, 57 ppm As, 122 ppm Zn) as well as 18% Fe but was not considered sufficient basis for retaining the ground.
    - A single field visit to the Rookery Creek Au target identified significant amounts of Quaternary cover over the target.
    - No field work has been undertaken on the Winkleigh Au target (AOI_033) which has been surrendered without being tested.
- Magnetic inversion modelling of the Rookery Creek Au target was undertaken by Mite Geophysics. This work defined a weak (~15nT) roughly circular magnetic, ~600m wide, over the Rookery creek Au target which may possibly represent an IRG signature. Nonetheless, the area was surrendered without being tested / drilled.

EL10/2020 has been a difficult area to explore, with widespread objections during the application, and there is significant post-mineral cover over 80% of the EL.

Tarcoola conducted a review of its NE Tasmania exploration projects in November 2023 which resulted in the priority of the targets within EL10/2020 being downgraded and a decision being made to surrender the entire area to reduce costs.

Expenditure on EL10/2020 during the entire term the ground has been held from (26 April 2022 to 8 January 2024) was $42,294.

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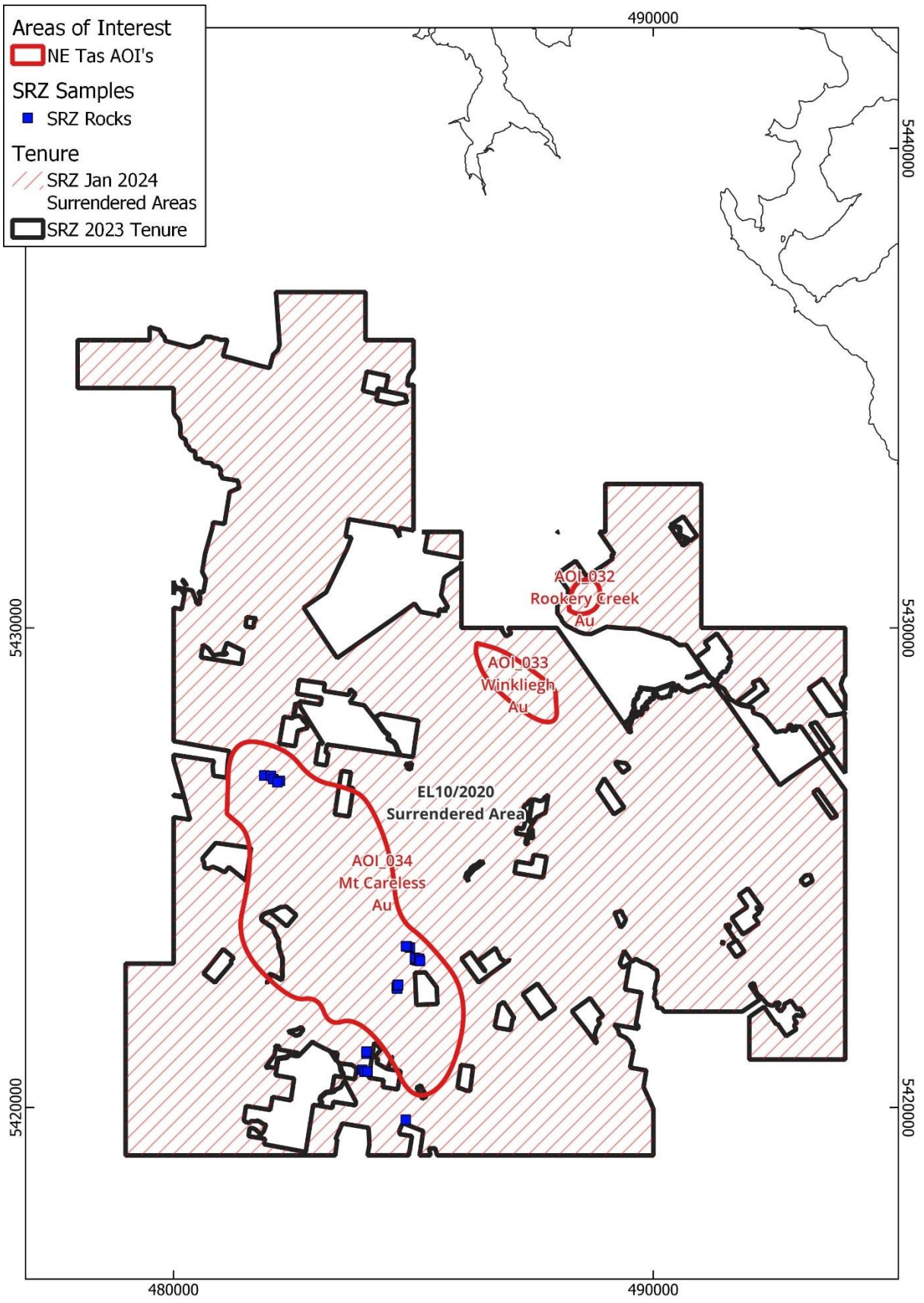

Figure 1. Activities Summary Map - EL10/2020 Surrendered Area (26 April 2022 to 8 January 2024)

1 INTRODUCTON

1.1 Exploration Rationale

1.1.1 Regional

NE Tasmania is considered an extension of the Western Lachlan Fold Belt, which hosts the 4Moz Walhalla gold mine in central Victoria (Figure 2). NE Tasmania hosts the Beaconsfield Mine (2.3 MOz), the Lefroy Goldfield (0.2MOz), and New Golden Gate Mine (0.3 MOz), as well as an additional >700 gold-bearing hard-rock mineral occurrences (Figure 3). NE Tasmania is considered prospective for orogenic and intrusion-related gold.

Orogenic gold mineralisation typically occurs within quartz veins which occupy 2nd or 3rd order dilational zones along large-scale faults related to folding and deformation. Typically, the orientation of these veins west of Pipers River tends to be east-west, which contrasts with that east of Pipers River, which tends to be NW. Both are interpreted to reflect dilation along sinistral transpressional structural corridors, oriented NW and NNW, respectively. Intrusive Related Gold occurs as veins and in stockworks at the margins of gold-bearing granodiorite stocks and plutons.

The two major mineralisation styles Orogenic gold, and Intrusion Related Gold Systems are typically identified by distinctive geophysical characteristics and associated mineral assemblages determined by the different geological settings. Regional scale structural trends/lineaments identified in aeromagnetic and gravity surveys and corresponding mapped faults have been interpreted as targets for orogenic gold mineralisation, whereas IRGS mineralisation is typically targeted using magnetic highs (or lows) associated with margins of granodiorites, interpreted as reflecting magnetite alteration and hornfelsing of the Mathinna group sediments, or strong mag-destructive sericite alteration.

1.1.2 Prospect

The Beaconsfield South EL10/2020 area is situated along strike from the historic 2Moz Beaconsfield vein gold system. It has been a difficult area to explore, with widespread objections during the application, and there is significant post-mineral cover over 80% of the EL.

There is a complex range of magnetic features present throughout the areas of interest of the tenement, several of these magnetic features appear to correlate well to mapped faulted folds in the Badger Head formation NW along strike from known Au occurrences such as those near Mt Careless (AOI-034). A differing magnetic feature as seen in the area of Rookery creek (AOI-032), displays a minor magnetic feature under cover which has been interpreted as a potential Intrusive Related Gold system (IRG).

1.2 Exploration Licence – EL10/2020 Surrendered Area

EL10/2020 was granted to Tarcoola Iron Pty Ltd ("Tarcoola"), a wholly owned subsidiary of Stellar Resources Limited, on 26 April 2022.

On 8 January 2024, Mineral Resources Tasmania approved Tarcoola's Full Surrender application to surrender the entire 165 km^2 of EL10/2020. (see Figure 2).

This Full Surrender Report for EL10/2020, covers work completed on the 165 km^2 Surrendered Area, the entire area of EL10/2020, for the entire term EL10/2020 has been held by Tarcoola (26 April 2022 to 8 January 2024).

Tarcoola Iron Pty Ltd, a 100% owned subsidiary of Stellar Resources Limited, currently holds 5 EL covering a combined area of 648 km^2 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 - EL10/2020 Surrendered Area

Tenement number:	EL10/2020 Surrendered Area (entire tenement)
Tenement name:	BEACONSFIELD
Tenement area:	165 km^2 Surrendered Area (entire tenement)
Tenement location:	The Surrendered Area is located to the south of Beaconsfield.
Reporting period:	26 April 2022 to 8 January 2024
Tenement holder:	Tarcoola Iron Pty Ltd., a wholly owned subsidiary of Stellar Resources Limited.

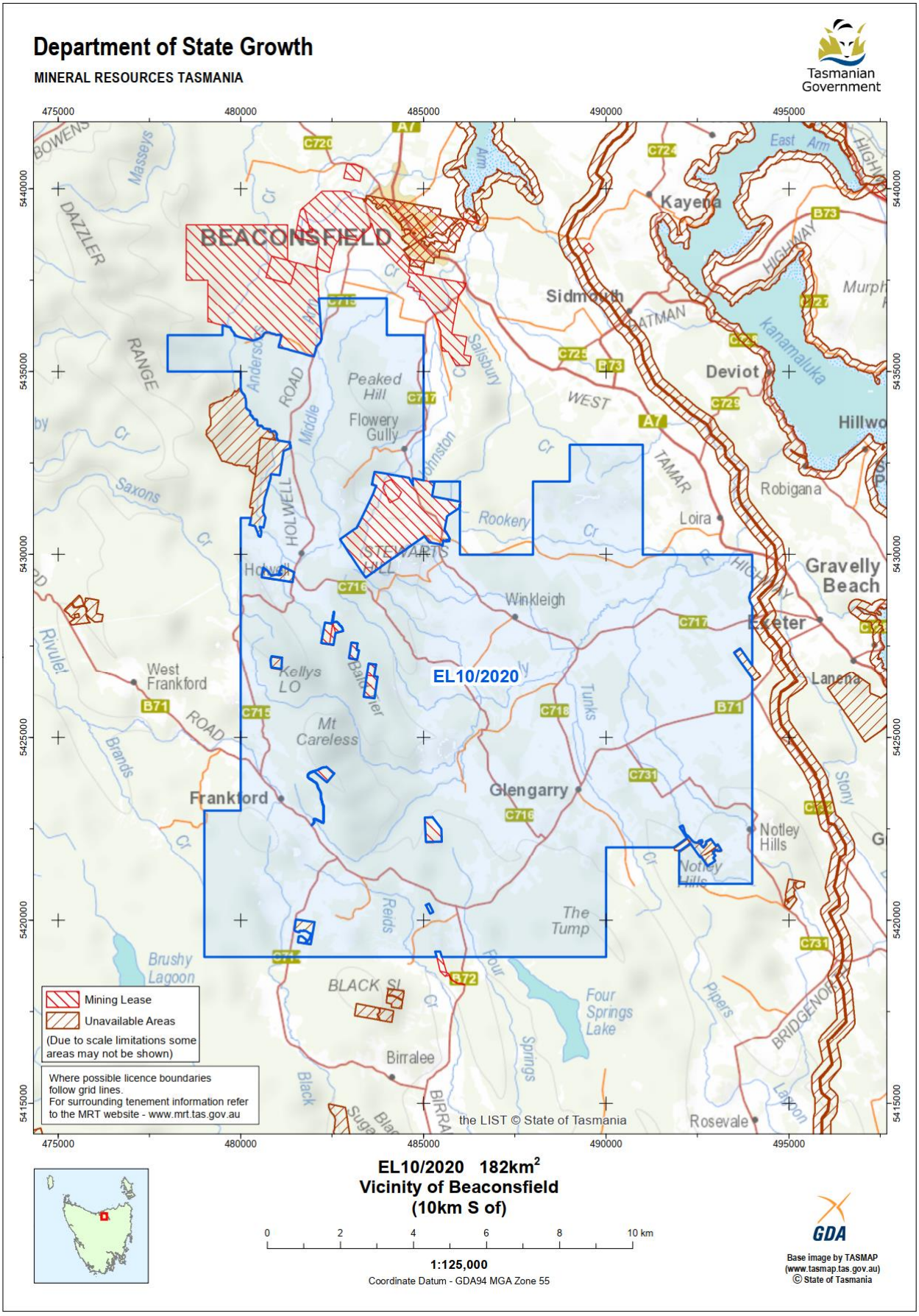

Figure 2. EL10/2020 Surrendered Area (entire EL10/2020 area shaded blue has been surrendered)

2 REVIEW OF PREVIOUS WORK

2.1 Historic Summary

A review of historic work completed on EL10/2020 was compiled by Adrian Rigg is listed in Table 1.

Table 1. Historic Exploration Summary

EL10/2020 Beaconsfield					
Company	**Year**	**Location**	**Activity**	**Comments**	**Report**
BHP	1965	Scott's Hill, west of Salisbury Nth Mine (2km)	Drilling x 1	PD; PB15; Strat hole? One hole only within EL, of four. Test mag anomaly.	67-0465
TDM	1970	Barnes Hill	Drilling x 2	Ni; Diamond; AC1 & 2; two holes only within EL, of numerous.	08-5665
MRT	1970	Winkleigh	Drilling x 11	Strat holes. Diamond; Winkleigh-3 to 14	Scanned log only
MRT	1970	East of Glengarry (2km)	Drilling x 1	Strat hole. Diamond; Glengarry-1	Scanned log only
MRT	1970	Frankford	Drilling x 2	Strat hole. Diamond; Winkleigh-1, 2	Scanned log only
BCD Operations	1988	Beaconsfield Area	Aeromagnetic survey	150m fls	
Resolute Samantha Ltd	1997	NW of Peaked Hill (1km)	Drilling x 4	Au; Diamond; PHD1 to 4; test As anomaly for Au	00-4427
Resolute Samantha Ltd	1997	NNW of Peaked Hill (2km)	Drilling x 6	Au; PC/Diamond; PHRC3 to 5, 7 to 9; test As anomaly for Au	00-4427
Resolute Samantha Ltd	1997	NNW of Peaked Hill (3km)	Drilling x 3	Au; PC/Diamond; PHRC1,2 & 6; test As anomaly for Au	00-4427
Resolute Samantha Ltd	1997	Peaked Hill	Soil sampling	Ag, As, Au, Cr, Cu, Fe, Mn, Pb, Zn	97-4022
BGNL	1997	Winkleigh traverses	Soil sampling	As, Au	97-4065
BGNL	1997 & 8	Winkleigh grid	Rock chip sampling	As, Au, Cu, Pb, Zn	98-4202
BGNL	1998	Winkleigh grid	Soil sampling	As, Au	99-4367
BCD Operations	1998	Winkleigh	Drilling x 2	Au; RC WDH-1, D WDH-2	98-4201, 99-4367
Allstate	1998	Mt Careless District	Stream sed sampling	Ag, As, Au, Cu, Pb, S, Zn	97-4065
Allstate	1998	Mt Careless District	Rock chip sampling	Ag, As, Au, Cu, Pb, S, Zn	98-4216
Allstate	1998	Peaked Hill	Rock & soil sampling	As, Au, Cu, Pb, Zn	98-4379
MRT	1999	North Tasmania	Aeromagnetic survey	200m fls	
Allstate	1999	Peaked Hill	Rock & soil sampling	Ag, As, Au, Cu, Pb, Zn	99-4376
Allstate	2000	Peaked Hill Ridgetop	Rock chip sampling	Ag, As, Au, Cu, Pb, Zn	00-4486
Allstate	2004	Peaked Hill, Pipeline West grid, Cabbage Hill - Rookery Rd grid	Rock & soil sampling	Ag, As, Au, Cu, Pb, Zn	05-5151

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 EL10/2020 (165 km^2) during the entire term the ground has been held from 26 April 2022 to 8 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 529 rock chip samples, 466 stream sediment samples and 1449 soil samples were captured from company reports within the EL10/2020 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.

Targets identified within the EL10/2020 are shown in Figure 1 and include:

- Mt Careless Au target (AOI_034) – Anomalous pathfinder grades in rock chips along strike associated with NW structures and significant mag features.
- Winkleigh Au target (AOI_033) - Anomalous As in soils and 0.17ppm Au in rock chips.
- Rookery Creek Au target (AOI_32) – Historic high-grade rocks along strike, mag feature possible IRG.

3.5 Reconnaissance Visits and Surface Geochemistry

3.5.1 Mt Careless Au Target (AOI_034)

27 rock chip samples were collected in March 2023 largely over the Mt Careless Au target (AOI_034).

Results from the 27 rock chip samples collected over the Mt Careless Au target are included in the MS Access database provided in **Appendix C** and shown in Figure 3.

All samples were al located by handheld GPS.

Rock chip samples were taken to ALS Burnie for sample preparation including coarse crushing and pulverisation.

Analysis methods used by ALS for rocks and streams included:

- Au was analysed using a 30g charge for fire assay (Au-AA23).
- Four acid digestion with ICP-MS finish (MEMS61) for all other elements.

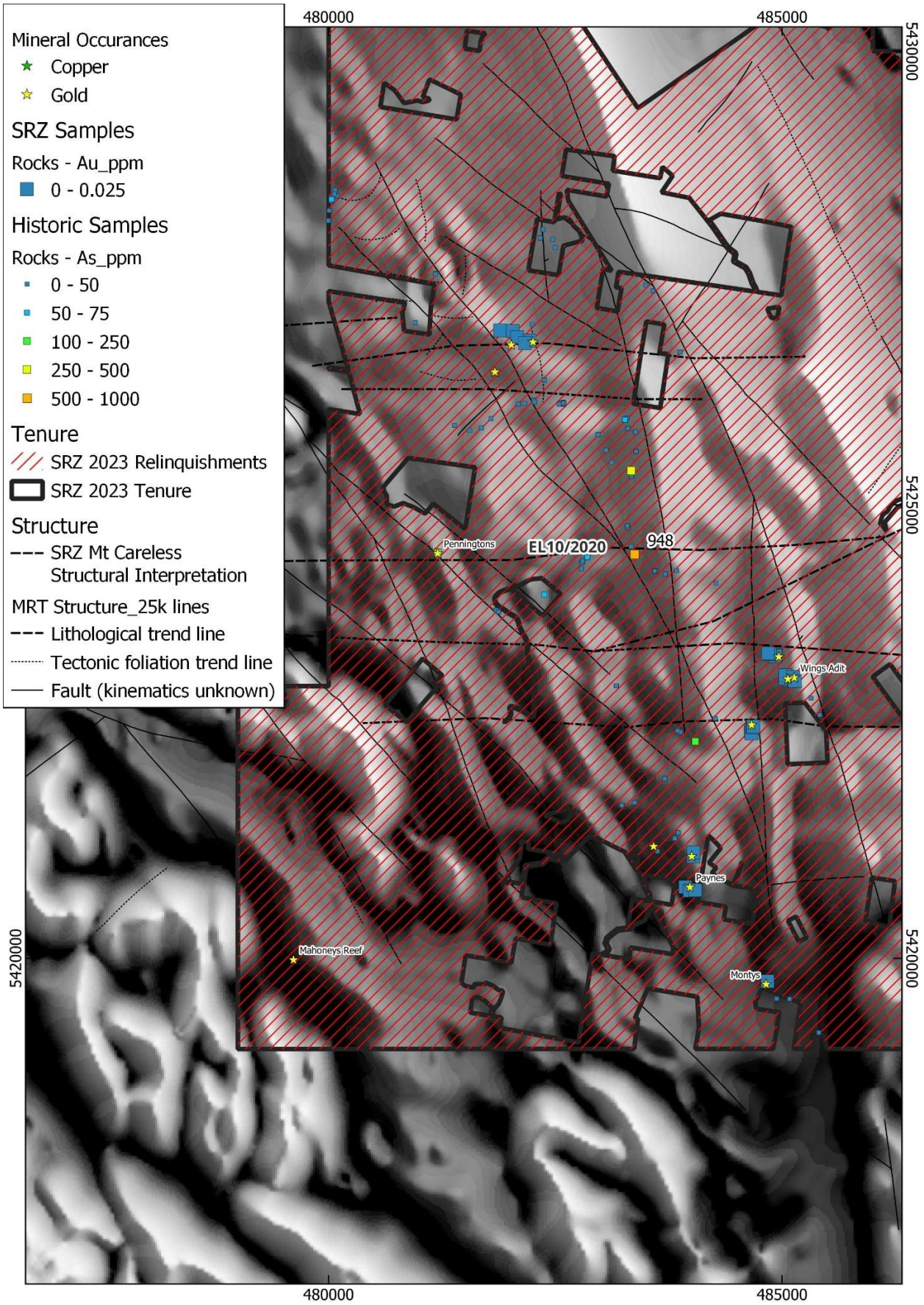

Figure 3. Mt Careless Au Target Rock Chip Results

3.5.2 Winkleigh Au target (AOI_033)

No field work has been undertaken on the Winkleigh Au target (AOI_033). The area was surrendered without being tested.

3.5.3 Rookery Creek Au target (AOI_32)

Field work on the Rookery Creek Au target (AOI_32) was limited to one visit where significant amounts of Quaternary cover were observed. The area was surrendered without being tested.

3.6 Magnetic Inversion Modelling

Magnetic inversion modelling was undertaken by Mitre Geophysics on the Rookery Creek Au target within EL10/2020 (See **Appendix D**).

The existing magnetic data used was the 1988 Beaconsfield fixed wing aeromag survey, on 150m E-W lines was used for the magnetic inversion. The magnetic inversion work defined a weak (~15nT) roughly circular magnetic, ~600m wide, over the Rookery creek Au target (AOI_032). The anomaly sits on a larger, apparently moderately east dipping basement magnetic layer, where the east dip is very clear in the models. The width and character of the anomaly suggesting a shallow, weakly magnetic source which may possibly represent an ITGS signature (see Figure 4).

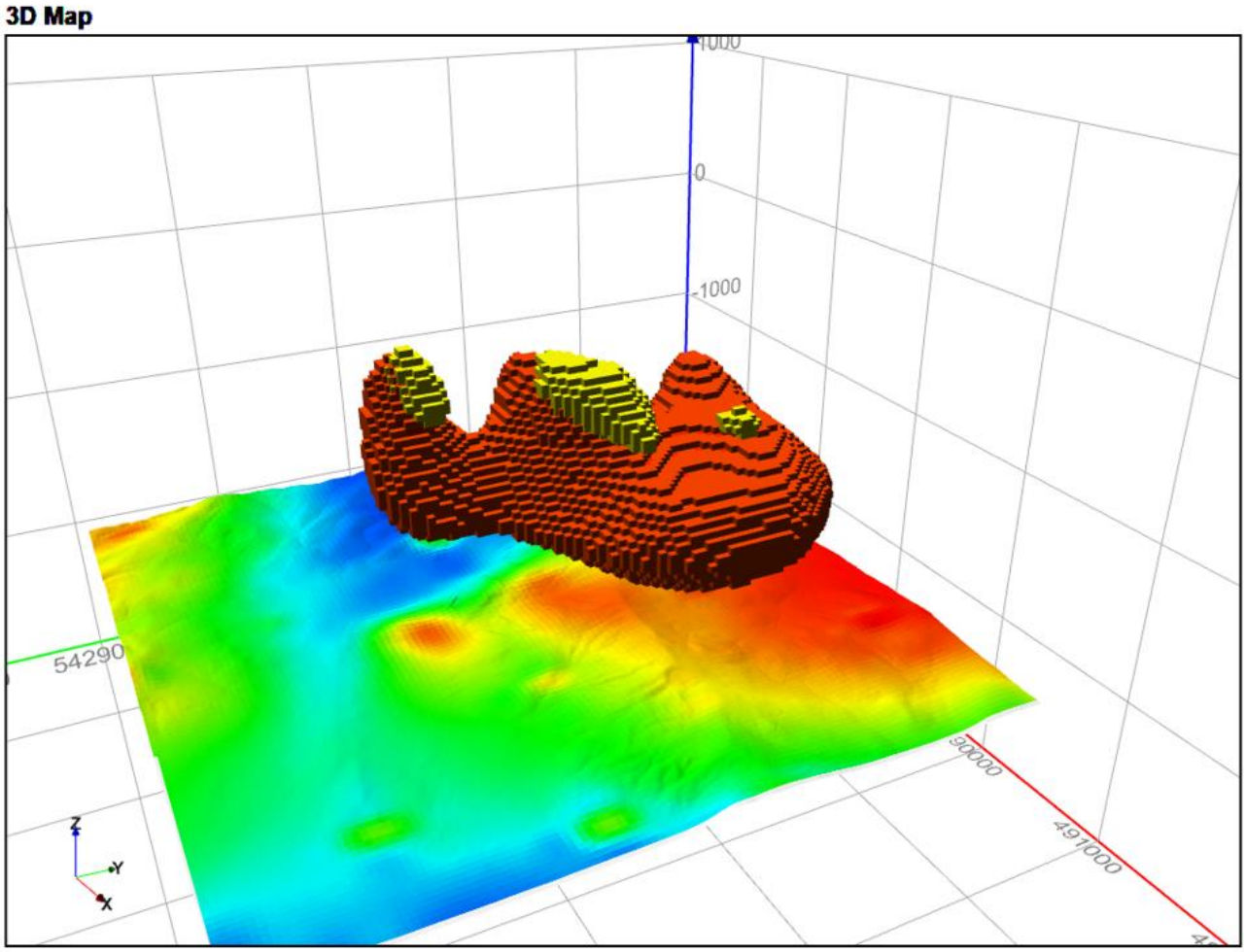

Figure 4. Magnetic inversion modelling of AOI_032 (models clipped to >0.002 SI).

4 DISCUSSION OF RESULTS

4.1 Mt Careless Au target (AOI_034)

The Mt Careless Au target (AOI_034) was selected based on the sporadic mineral occurrences, corresponding linear E-W or NNW features in the magnetics and sporadic high As values in historic rock chips (see Figure 3). Unfortunately, the 27 rock chip sample reconnaissance program did not return any significant Au or pathfinder results. Sample SRZ100021 did show some low-level pathfinder anomalism (0.76 g/t Ag, 57 ppm As, 122 ppm Zn) as well as 18% Fe (see Figure 5) but was not considered sufficient basis for retaining the ground.

Figure 5. Rock Chip Sample SRZ010021 Photograph

4.2 Winkleigh Au target (AOI_033)

No field work has been undertaken on the Winkleigh Au target (AOI_033). The area was surrendered without being tested.

4.3 Rookery Creek Au target (AOI_32)

The field visit to the Rookery Creek Au target identified significant amounts of Quaternary cover over the target. Whilst the magnetic inversions defined a weak (~15nT) roughly circular magnetic, ~600m wide, over the target which may possibly represent an IRG signature, the area was surrendered without being tested / drilled.

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 on EL10/2020 during the entire term the ground has been held from (26 April 2022 to 8 January 2024) was $42,294 as detailed in Table 2.

Table 2. EL10/2020 Expenditure (26 April 2022 to 8 January 2024)

MRT REPORTING CODE	CATEGORY	EL 10/2020
1.1	Geology*	$21,820
1.2	Geochemistry	
1.3	Geophysics	$5,652
1.4	Remote sensing	
2.1	Drilling - Gridding	
2.2	Drilling	
3.0	Land access	
4.0	Rehabilitation	
5.0	FS costs	
6.0	Other costs	$14,822
7.0	Administration/overheads	
TOTALS		**$42,294**

** Geology costs include geology and field support costs, travel accommodation and meals for soil sampling and stream sediment sampling programs*

9 REPORTING BIBLIOGRAPHY

Annual Technical Reports as provided during the term Tarcoola Iron Pty Ltd have held EL10/2020 is detailed in Table 3 below.

Table 3. EL10/2020 List of Reports Provided During Exploration Tenement Term

COMPANY	PERIOD	TITLE	AUTHOR	APPENIDCES
Tarcoola Iron Pty Ltd (Stellar Resources Limited)	26 April 2022 to 25 April 2023	EL10_2020_2023 Annual Technical Report	R. Lockley	Appendix A – Reprocessed Geophysical images (Phil Muir) Appendix B – Mitre Geophysics Inversion Modelling EL10/2020 Appendix C - EL10_2020, Geochemical data.xlsx Tarcoola Iron

10 REFERENCES

See Table 1 for MRT references to Annual Reports covering historic exploration completed over EL10/2020. 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
Groves D.I.,	1972, The Zoned Mineral Deposits of the Scamander-St Helens District, Geological Survey Bulletin No. 53.
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., Green, G.R. and Calver, C.R.	2006. The geology and mineral deposits of Tasmania: a summary. Geological Survey Bulletin 72. Mineral Resources Tasmania.
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.
Solomon, M., Groves D.I.,	2000, The geology and Origin of Australia's Mineral Deposits. Centre for Ore Deposit Research and Centre for Global Metallogeny (Pub. No. 32)

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)

Appendix D Magnetic Inversion modelling EL10/2020 Targets (Mitre Geophysics)