

## December 2023 Quarterly Activities Report

Solstice Minerals Limited (**Solstice** or the **Company**) is pleased to present its Quarterly report (**Report**) for the period ended 31 December 2023 (**Quarter**).

### Yarri Project (Gold & Rare Earth Oxides)

#### Gold

- Heritage and environmental approvals now in place for aircore drilling over multiple new gold targets at the Company's extensive Yarri Project tenure. Sequential aircore drilling is planned to continue through the first half of 2024 following site preparation at each of the targets.
- Drill targets offer classic greenfield potential in soil-covered structural positions and comprise areas of open gold anomalism in historical shallow drilling (e.g. **Bunjarra, Wallbrook South**), strike extensions of recent competitor drilling activity (e.g. **Box Soak** & Bunjarra), and unexplored soil-covered structural targets (e.g. **Hobbes, Box Soak, Boyce, Edjudina Range**).
- Strong follow-up targets defined at Bunjarra where 1m resampling of 2023 first pass aircore has confirmed significant anomalism in several locations<sup>1</sup> including **2m @ 1.85g/t Au, 2m @ 0.93g/t Au end of hole (EOH)**, and **6m @ 0.47g/t Au**.
- Solstice has an ongoing strategy to test new 'stand-alone scale' gold targets in gold endowed greenstone belts – typically where shallow (<40m) transported soil cover has prevented effective historical exploration.
- The Company's 177,000oz<sup>2</sup> **Hobbes Gold Project** remains strategically positioned for future commercialisation, located close to established mining and haul road infrastructure 5km southwest of Northern Star Limited's Porphyry Mining Centre. The Hobbes Mineral Resource provides impetus for greenfield exploration in the area and ongoing infill drilling at prospects such as **Statesman Well** and **Bluetooth**.

#### Rare Earth Oxides

- Two shallow Reverse Circulation (RC) drillholes were planned, and subsequent to end of the Quarter, completed at the Leviathan Rare Earth Oxides + Yttrium (TREOY<sup>3</sup>) Prospect (Solstice 80%), to test the fresh rock profile below TREOY anomalism in aircore drilling. Analytical results are awaited.
- Aircore holes and opportunistic resampling of historical drill spoils at the Prospect during 2023 returned widespread EOH TREOY values<sup>4</sup> of >0.1% TREOY and spot results to 0.97% (9,700ppm).

<sup>1</sup> Refer to ASX: SLS 16 January 2024 "Solstice Readies for Drilling New High Priority Gold Targets".

<sup>2</sup> Refer to ASX: SLS 22 March 2023 "Robust Maiden Gold Mineral Resource at Hobbes".

<sup>3</sup> TREOY is defined as the sum of CeO<sub>2</sub> + Dy<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + La<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub> + Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub> + Sm<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub>. Note: TREOY values quoted for historical drillholes are on the basis of available analytical data and may not always be a full suite analysis.

<sup>4</sup> Refer to ASX: SLS 9 January 2024 "Drilling Starts at Leviathan High-Grade REO Target".



- Leviathan is a bastnaesite-bearing syenite intrusion located in the southern part of the **Hobbes** licence.

### Ringlock Project (Nickel)

- The Ringlock Project contains the historical **GSP Prospect**, a high-tenor magmatic nickel sulphide system where Solstice's 2023 diamond drilling intersected sulphide veins with results<sup>5</sup> up to **1.81m @ 18.1% nickel, 19.06g/t palladium 2.22g/t platinum, and 2.21g/t gold**.
- A stratigraphic RC drill hole was completed during the Quarter to determine contact orientations above a **potential high-value down-plunge exploration target**<sup>6</sup> on the southeast side of a cross-cutting fault. Drill hole design for a deeper Diamond Drillhole (DD) can now be carried out. No material results were returned in the RC hole.

### Exploration Regional and Project Generation

- The Company intends to review and turn-over tenure as its exploration programs evolve and will consider the strategic divestment of non-core tenure during H1 2024. Opportunistic acquisition of gold targets adjacent to its Yarri landholding will continue.
- The Company is well placed to evaluate and pursue opportunities beyond its current portfolio which will deliver significant value to its shareholders. A number of advanced and greenfield opportunities were reviewed in detail over the Quarter.
- Soil sampling completed over the **Nanutarra** nickel-copper-PGE target in the Ashburton Mineral Field did not return material Ni-Cu-and platinum group element (PGE) results and the Company withdrew from the Option Agreement.

### Corporate

- As of 31 December 2023, Solstice had approximately \$8.2 million in cash and no debt. With a current EV of circa \$1.1m the Company offers shareholders excellent leverage to exploration success.

## 1. EXPLORATION OPERATIONS

During the Quarter Solstice continued focussed exploration activity on its gold, base and battery metal targets in the Eastern Goldfields of Western Australia, where the Company currently has granted licences and licence applications covering approximately 2,500km<sup>2</sup>. The landholding is continually reviewed as targets evolve, with strategic licence acquisitions where the Company sees under-explored gold potential. Solstice may also consider further divestment of tenure during 2024.

### 1.1 Yarri Project (Gold, REO)

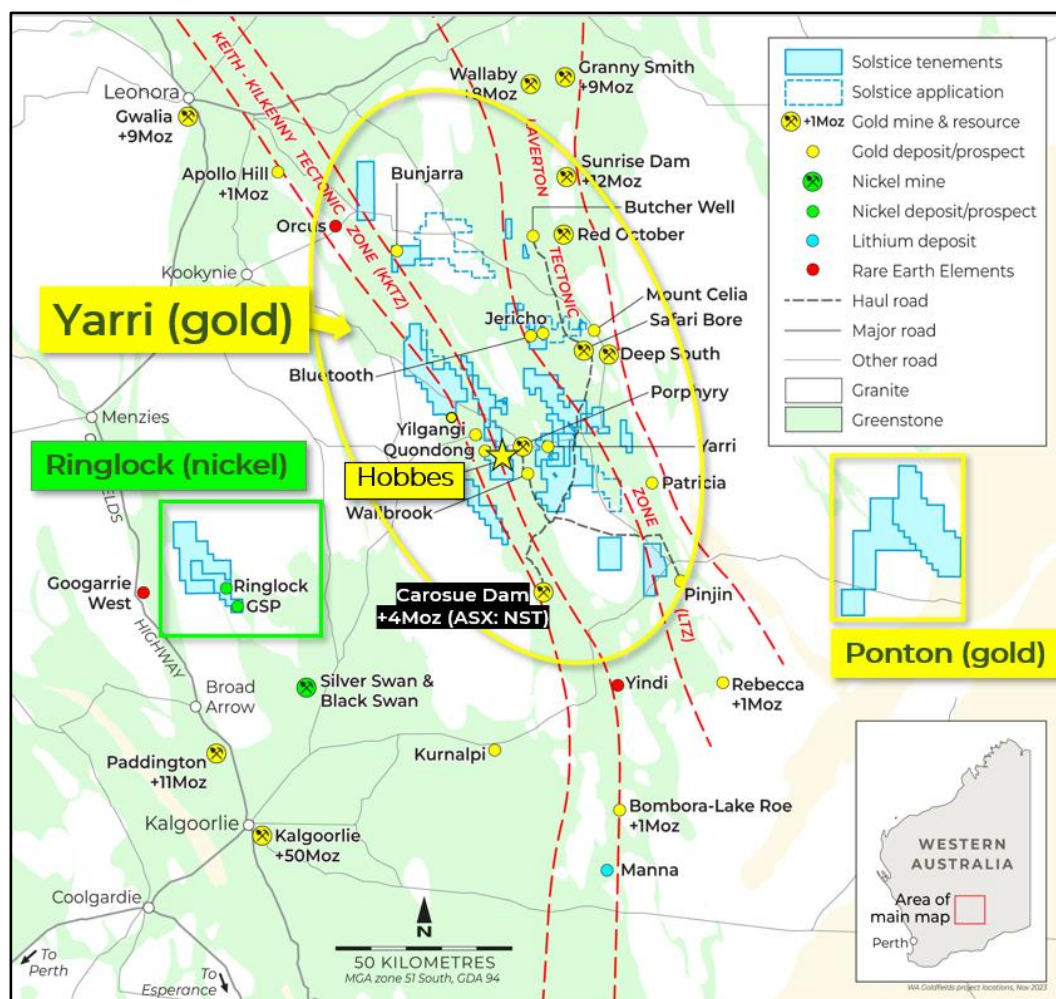
The Company's Yarri Project extends over more than 100km strike, covering prime gold exploration terrain around the Keith-Kilkenny Tectonic Zone (KKTZ) and the Laverton Tectonic Zone (LTZ), both

<sup>5</sup> Refer to ASX: SLS 10 March 2023 "High Grade Nickel Sulphide Drill Results at GSP Prospect" and ASX: SLS 31 March 2023 "High Grade Platinum and Palladium in Nickel Sulphides at GSP Prospect".

<sup>6</sup> Refer to ASX: SLS 29 June 2023 "New Drill Target Takes Shape at High-Grade Nickel Prospect".



craton-scale structural features known to control gold mineralisation in this part of the Eastern Goldfields. The potential of the area to deliver company-scale gold systems is demonstrated by Northern Star Resources' Carosue Dam Operations located 36km to the south (**Figure 1**), that has reported Mineral Resources totalling 4.1Moz<sup>7</sup> gold at 2.1g/t.



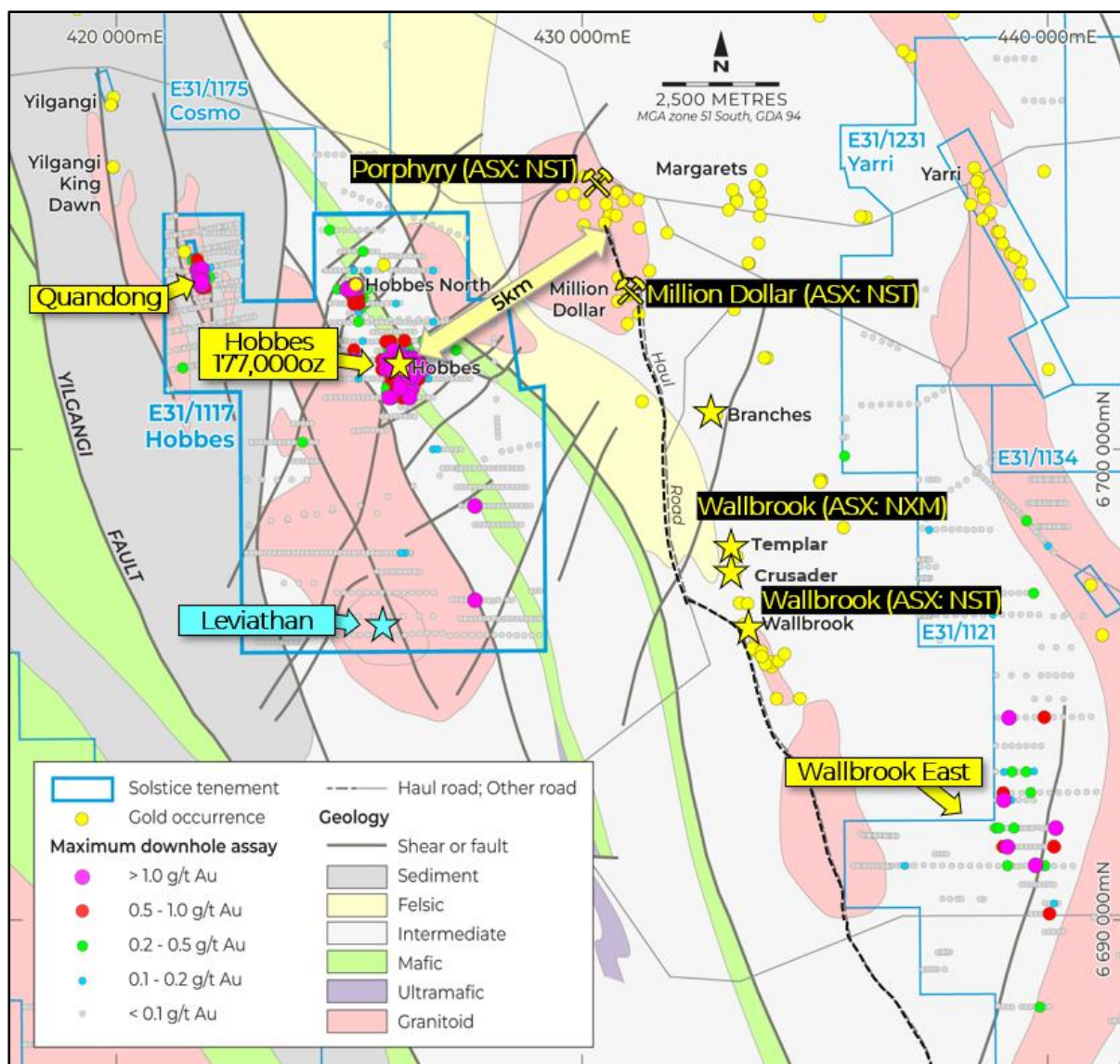
**Figure 1 - Location of Solstice's projects with regional geology**

### Hobbes Gold and REO Project (E31/1117 - Solstice 80%)

The Hobbes licence is well situated close to established mining and haul road infrastructure approximately 5km southwest of the Porphyry Mining Centre (**Figure 2**). Northern Star operates open-pit and underground gold mines at Porphyry and is hauling material to its Carosue Dam operations.

During 2023 Solstice reported a maiden Mineral Resource Estimate (MRE) at the Hobbes gold deposit comprising 4.6Mt at 1.2g/t Au for **177,000 ounces of gold**, at a 0.6g/t Au cut-off and constrained within an A\$2,500/oz optimised pit shell. This deposit is a good example of 'blind' gold mineralisation that was hidden under transported cover and discovered via aircore drilling. The Company sees excellent potential to locate new mineralisation in similar structural positions elsewhere in Solstice's Yarri tenure.

<sup>7</sup> Source: Northern Star Resources Limited FY23 Annual Report



**Figure 2 - Location map of Hobbes Licence and nearby Solstice tenements showing peak downhole gold assays and the new Leviathan rare earth oxide target, on simplified geology and adjoining gold projects.**

During the Quarter Solstice planned for shallow RC drilling at the kilometre-scale Leviathan TREOY Prospect (Figure 3) to test the fresh rock profile below TREOY anomalism in aircore drilling (Figure 4). Aircore drilling during 2023 and opportunistic resampling of historical drill spoils returned widespread end of hole (EOH) TREOY values of >0.1% TREOY and spot results to 0.97% (9,700ppm).

Rare earth oxides in aircore holes are associated with bastnaesite in a prominent strongly magnetic syenitic intrusion over 1km in diameter located in the south of the tenement. Anomalism is broadly coincident with the more magnetic portions of the intrusion (Figure 3).

The Company has subsequently completed an initial RC drilling campaign<sup>8</sup>, with samples from two 120m drillholes now dispatched for analysis.

<sup>8</sup> Refer to ASX: SLS January 9th 2024 "Drilling Starts at Leviathan High-Grade REO Target".

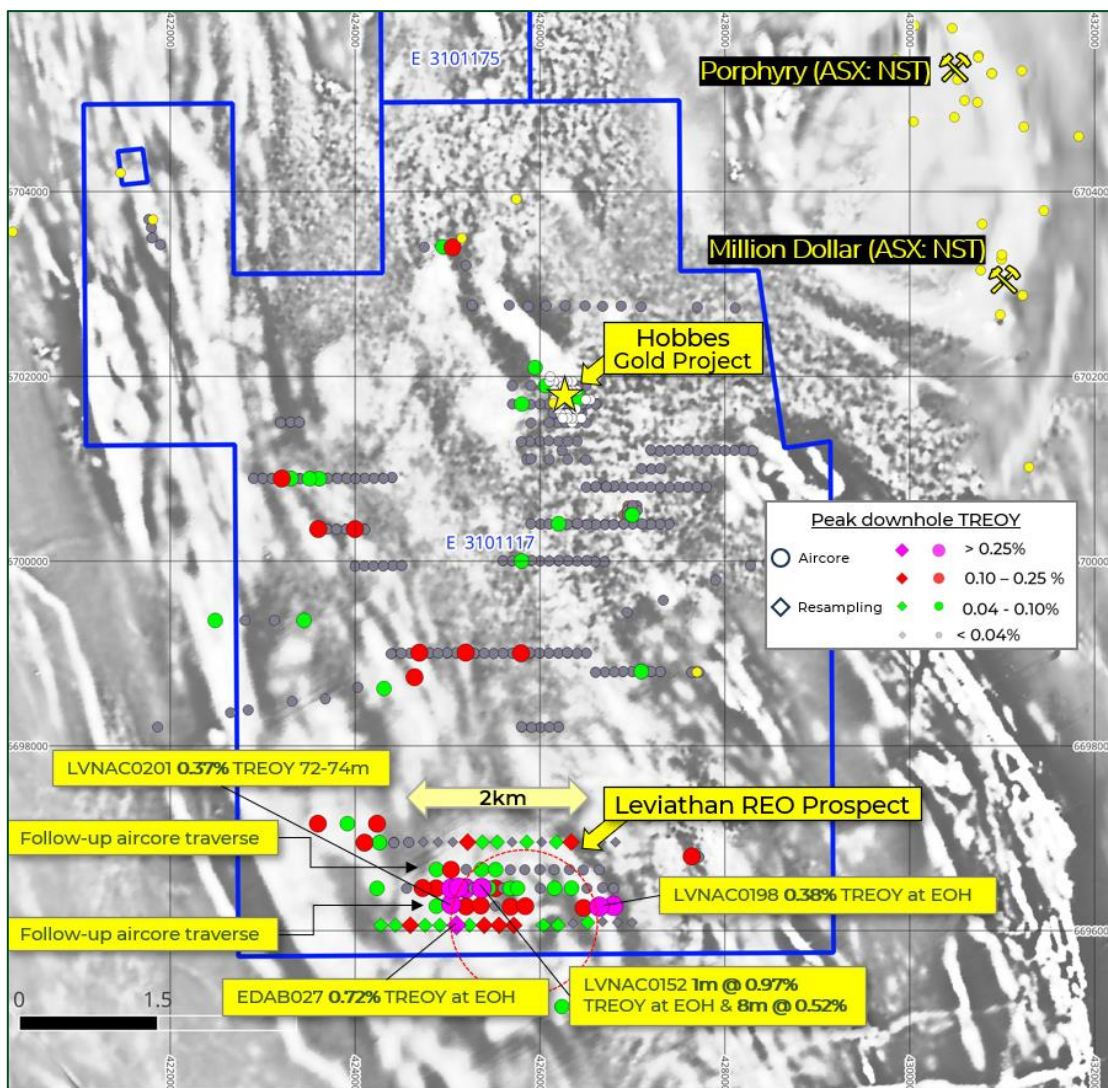


Figure 3: Leviathan Prospect peak downhole rare earth oxide (TREOY) values in Solstice aircore and historical drilling (only drillholes with full or partial suite rare earth oxide analysis are shown), on aeromagnetic imagery. Selected anomalous results from follow-up aircore drilling highlighted in yellow.

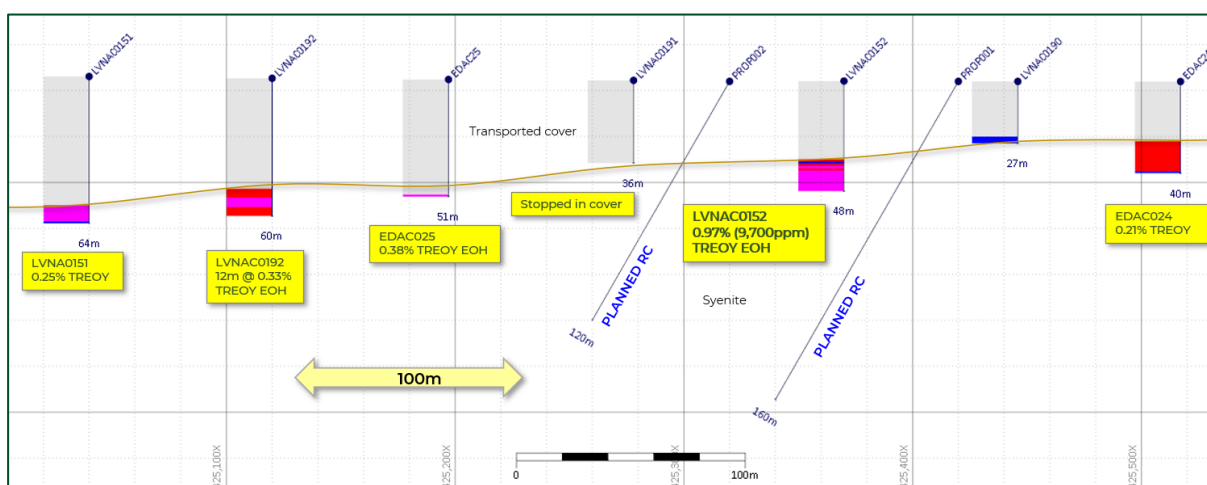


Figure 4: Cross section through a portion of the aircore program showing TREOY grades increasing toward fresh rock and planned RC drilling to test the fresh rock profile.



## Yarri Regional Gold Targets

With its comprehensive regional database, Solstice is in an excellent position to search for new commercial gold systems and will further refine its tenure holding as 2024 progresses. The strategy is to test new 'stand-alone scale' gold targets in gold endowed greenstone belts – particularly where shallow (<40m) transported soil cover has prevented effective historical exploration.

Field review, compilation and target validation during 2023 has opened up new high-quality targets for first pass aircore drill-testing. Drill targets comprise:

1. Areas of open >0.10g/t Au aircore anomalism in oxide horizons or around EOH pointing to the potential for a nearby fresh rock gold source (e.g. **Bunjarra, Wallbrook South**)
2. Strike extensions of recent competitor drilling activity (e.g. **Box Soak & Bunjarra**)
3. Under explored soil-covered structural targets (e.g. **Boyce, Edjudina Range, Hobbes**)

Current targets are shown on Figure 5 and detailed below. Many of these areas now have heritage and environmental approvals in place and can be prepared for drilling. Heritage clearances will continue over emerging targets.

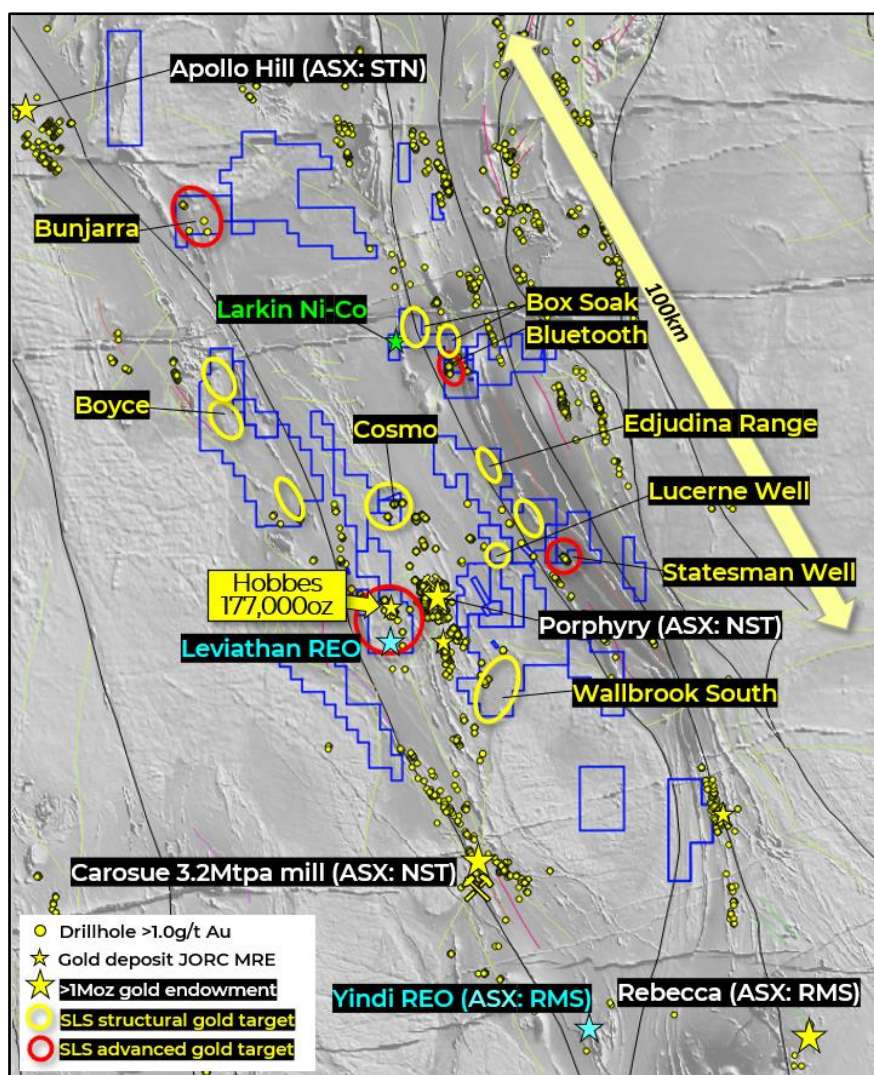


Figure 5: Yarri regional tenement group showing current high-priority gold targets.

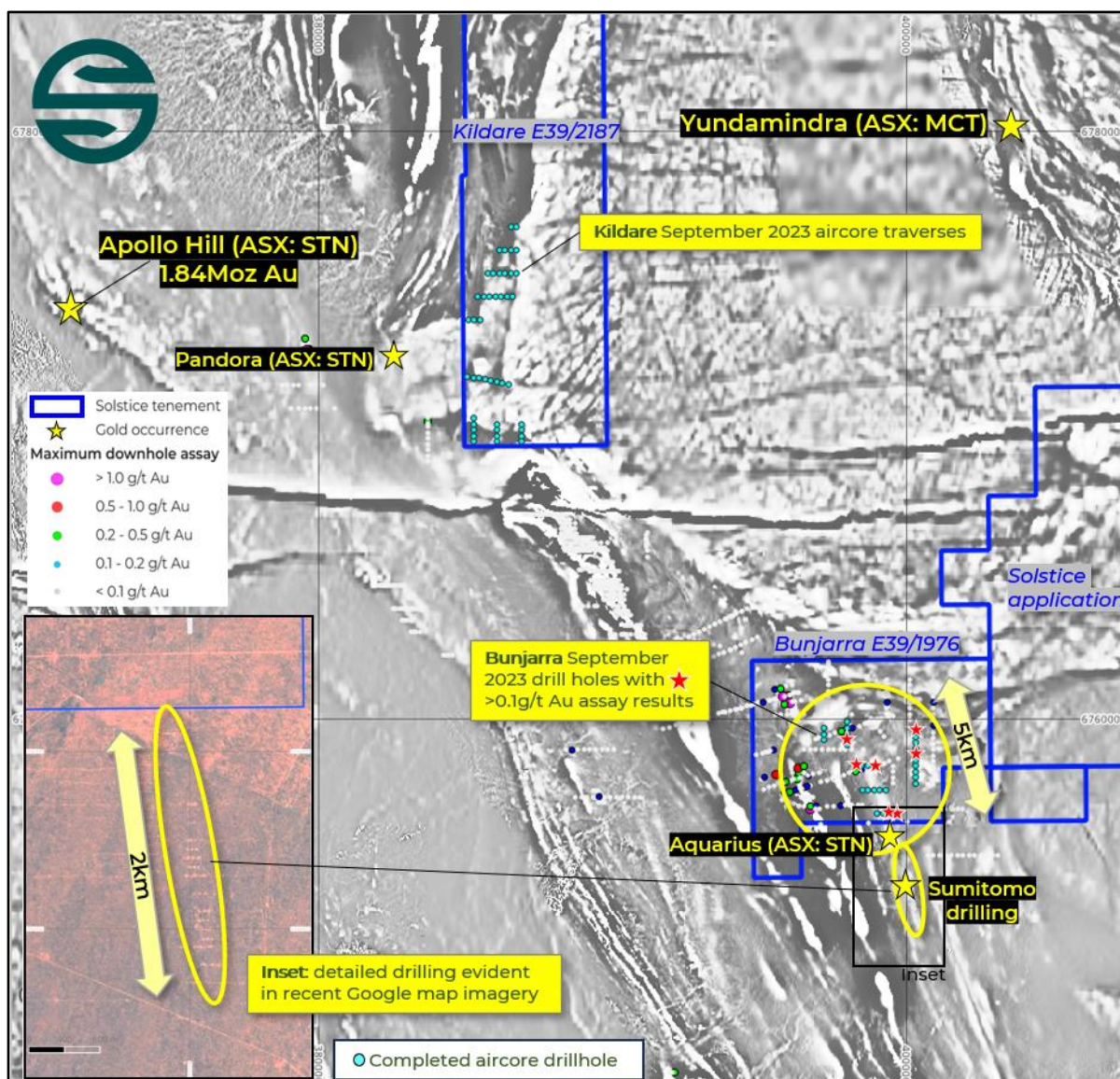


The Company continues active field exploration, compilation, and target validation at Yarri to bring forward the next batch of high-quality targets for prioritisation, clearances and first-pass aircore drill-testing. Sequential aircore drilling is planned to continue through first half 2024.

### Bunjarra Targets

The Company's aircore drilling during 2023 focussed on the strike extensions of a structural corridor that hosts gold mineralisation to the south (Saturn Metals' **Aquarius** Prospect<sup>9</sup>, and extensive drilling by Sumitomo Metal Mining – see inset in Figure 6).

The program delivered significant new gold anomalism<sup>10</sup> below transported cover in several locations, supported by 1m split samples (resampling of previously reported composite intervals) returning intercepts including **2m @ 1.85g/t Au**, **2m @ 0.93g/t Au EOH**, **6m @ 0.47g/t Au**, **2m @ 0.65g/t Au EOH**, and **2m @ 0.63g/t Au EOH** (Figure 7).



**Figure 6: 2023 aircore traverses at Kildare and Bunjarra on aeromagnetic imagery. Note Google Earth inset showing drilling activity by Sumitomo Metal Mining in the area along strike to the south.**

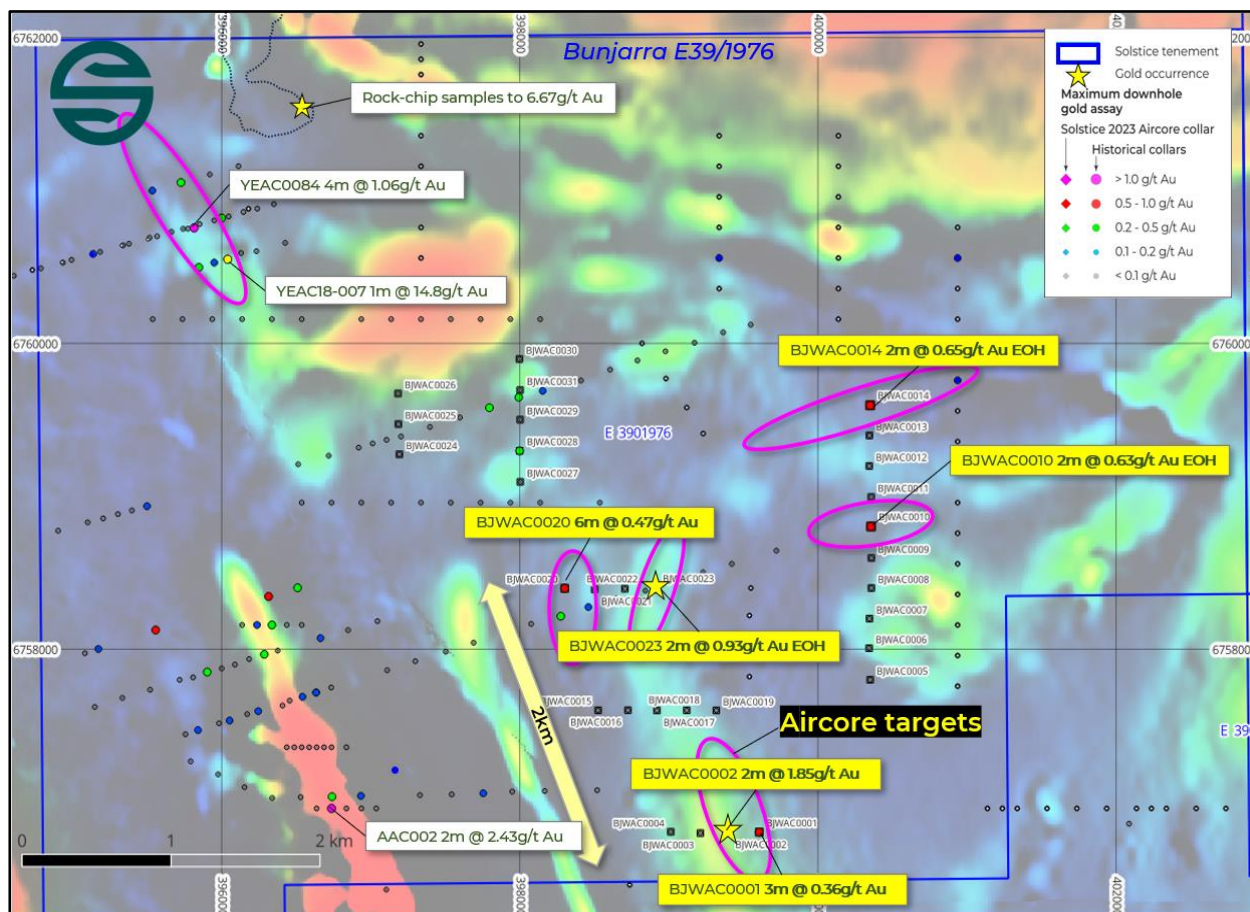
<sup>9</sup> Refer to ASX: STN 16 June 2022 "Exciting Regional Drill Results – Apollo Hill Gold Project".

<sup>10</sup> Refer to ASX: SLS 23 October 2023 "Greenfield Gold Drilling Identifies New Gold Prospects at Bunjarra".



Gold mineralisation sits at or around EOH where the geology becomes less weathered and oxidised, suggesting gold depletion in the overlying oxidised profile and potential for nearby gold bearing structures in fresh rock. Results to date on the Bunjarra licence point to a possible association with local felsic intrusive bodies.

Historical reconnaissance-scale drilling at Bunjarra has located gold anomalism at several other areas, including significant historical drilling results<sup>11</sup> of **1m @ 14.8g/t Au**, **2m @ 2.43g/t Au** and **4m @ 1.06g/t Au** (Figure 7). Solstice's geological mapping has also located previously unrecognised gold-bearing quartz veining in a small area of outcrop in the northern part of the licence, including rock-chip results<sup>12</sup> to **6.67g/t Au** (Figure 7).



**Figure 7. Bunjarra Prospect aeromagnetic imagery and current aircore drilling targets, 2023 aircore drilling (labelled) and significant anomalous gold results in 1m resampling (yellow text boxes). All historical drill collars<sup>8</sup> shown with peak downhole gold results, and significant gold occurrences (white text boxes).**

Combined targets for ongoing aircore drilling are shown in Figure 7. Aircore drilling remains at a wide spacing and besides two reverse circulation (RC) drillholes in the NW part of the tenement, no deeper drilling has been carried to test underlying unweathered geology.

The area forms a high priority exploration target.

<sup>11</sup> Refer to ASX: SLS 14 March 2022 "Prospectus".

<sup>12</sup> Refer to ASX: ORR 8 February 2022 "Exploration Update Eastern Goldfields Western Australia".

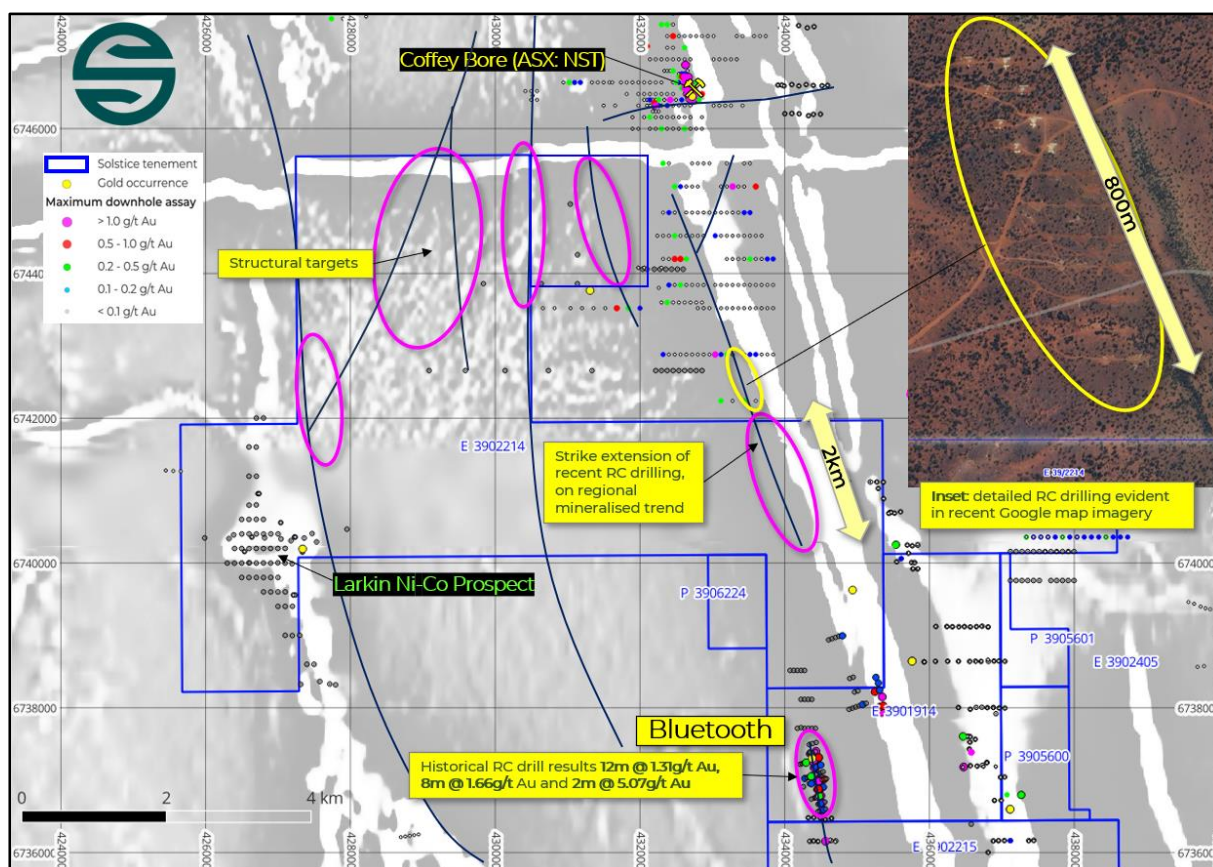




## Box Soak Targets

Box Soak is part of a group of tenements located 40km NNE of Hobbes in the Laverton Tectonic Zone, a prolific regional gold conduit. The Company has noted a **recent competitor RC drill-out extending to within 200m of a tenement boundary** (Figure 8), on a gold mineralised corridor that includes the Moody's Reward and Coffey Bore gold deposits to the north, and historical on-tenure RC gold intercepts to **12m @ 1.31g/t Au, 8m @ 1.66g/t Au and 2m @ 5.07g/t Au** at the **Bluetooth Prospect**<sup>9</sup>. The strike extensions of the RC drill-out form a priority target for first pass aircore drilling. Heritage surveys are scheduled for this emerging target, as well as at Bluetooth where re-interpretation of folded host cherts has identified targets for further RC drilling.

The northern part of Box Soak is largely unexplored and covers several interpreted structural trends below widespread shallow transported cover (Figure 8). This area has received heritage clearance and can now be prepared for drilling.



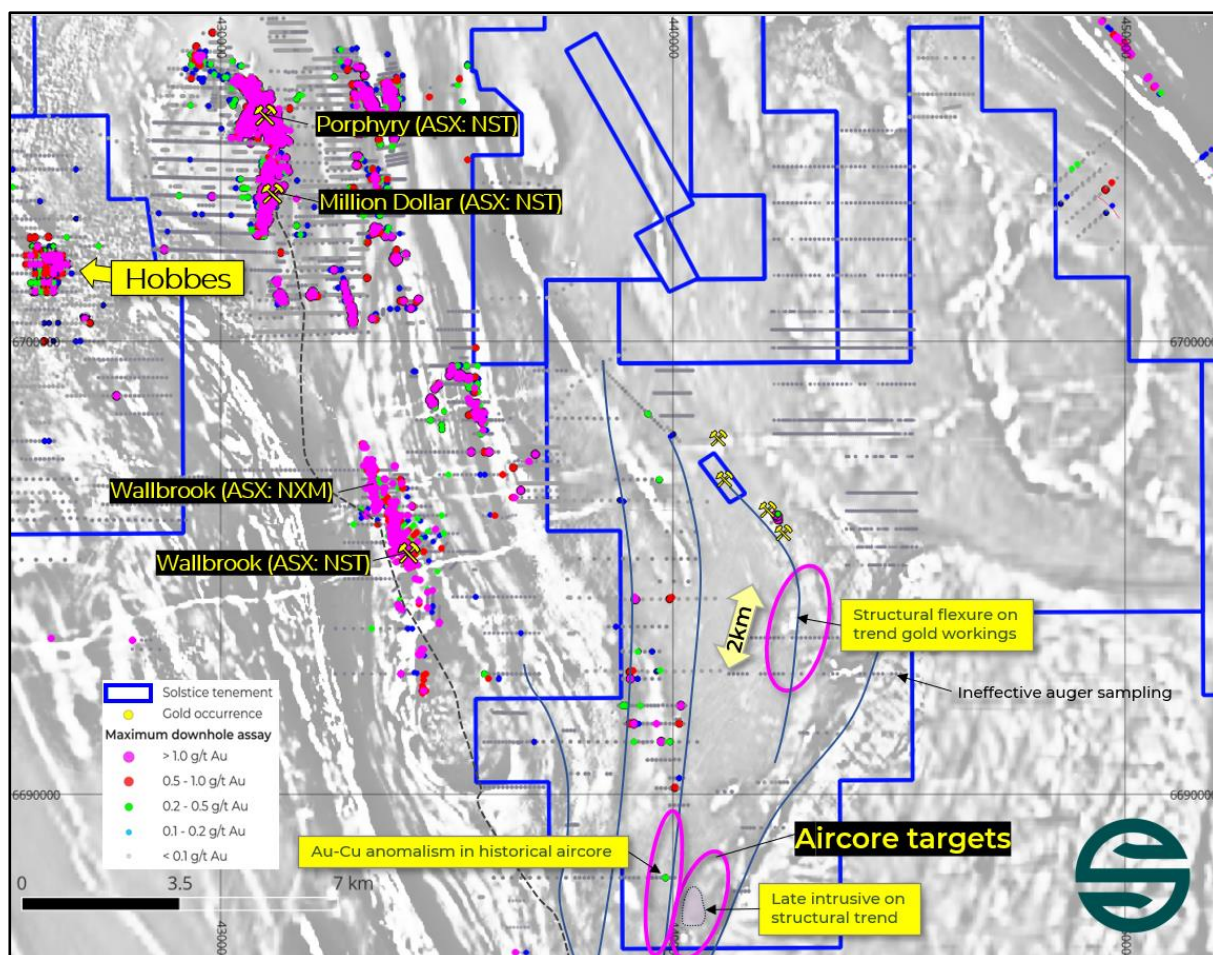
**Figure 8. Box Soak aircore targets on aeromagnetic imagery and all historical drilling<sup>13</sup> coloured for peak downhole Au values (g/t). Note recent RC drilling activities within 200m of the tenement boundary.**

<sup>13</sup> For historical maximum downhole gold drilling refer to WA DMIRS/Data and Software Centre/Statewide spatial datasets/Maximum grade in-hole drilling data 29 Sept 2021.



## Wallbrook South Targets

Wallbrook South is located in a highly gold mineralised setting 20km SE of Northern Star's Porphyry operations (Figure 9) and offers both extensions of anomalous trends in historical aircore drilling<sup>11</sup> and untested multi-kilometre structural targets below shallow sand cover. Targets have received heritage and environmental clearance and are ready for drill preparation.



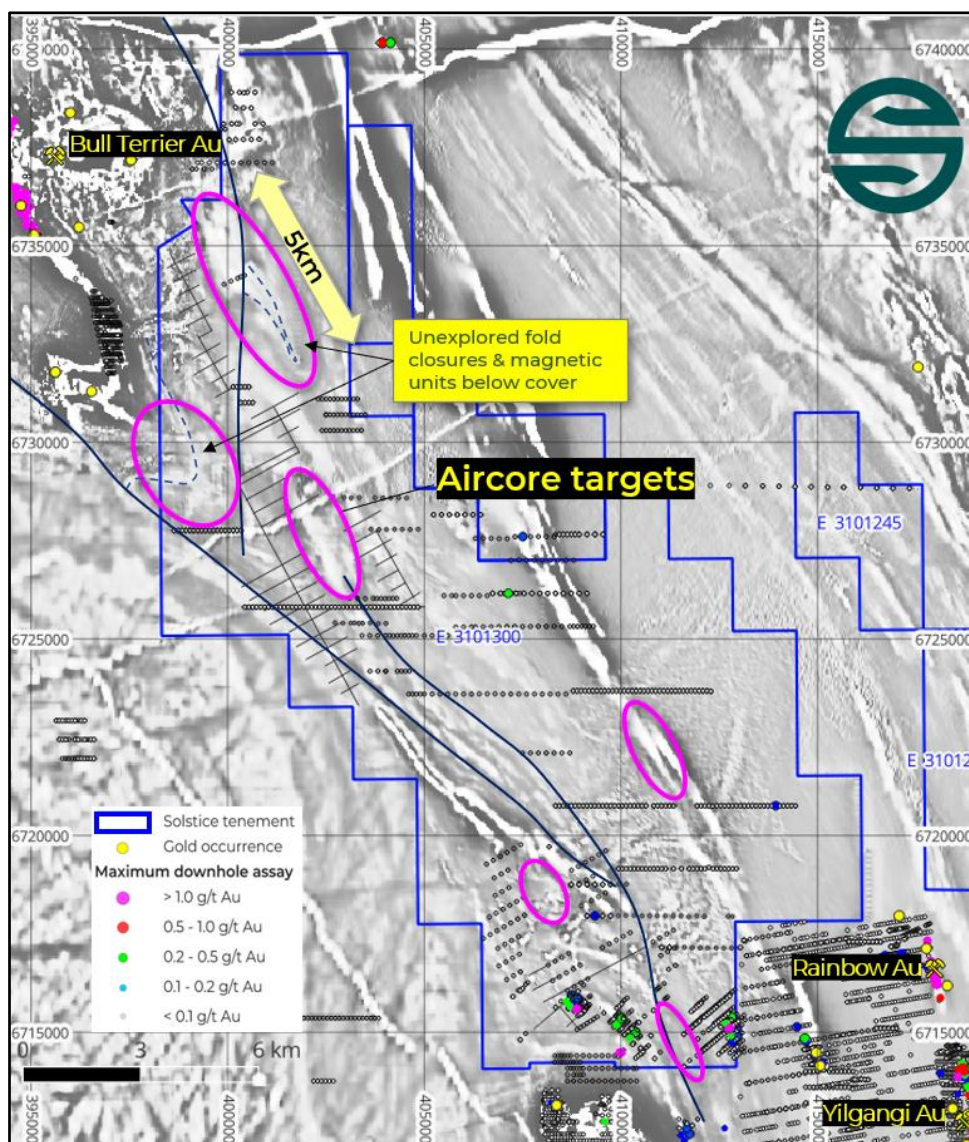
**Figure 9. Wallbrook South aircore targets on aeromagnetic imagery and all historical drilling coloured for peak downhole Au values (g/t).**

## Boyce Targets

Boyce is a large predominantly soil-covered tenement 20km to the NW of Hobbes where the Company has outlined a number of extensive and unexplored structural targets, either around fold closures or on aeromagnetic features along strike from known gold anomalism (Figure 10).

Several of the key structural targets have received heritage and environmental clearances, and on-ground heritage work is planned in the remaining areas.

Boyce offers classic greenfield exploration targets suitable for initial wide-spaced aircore drilling.



**Figure 10. Boyce aircore targets on aeromagnetic imagery and all historical drilling coloured for peak downhole Au values (g/t).**



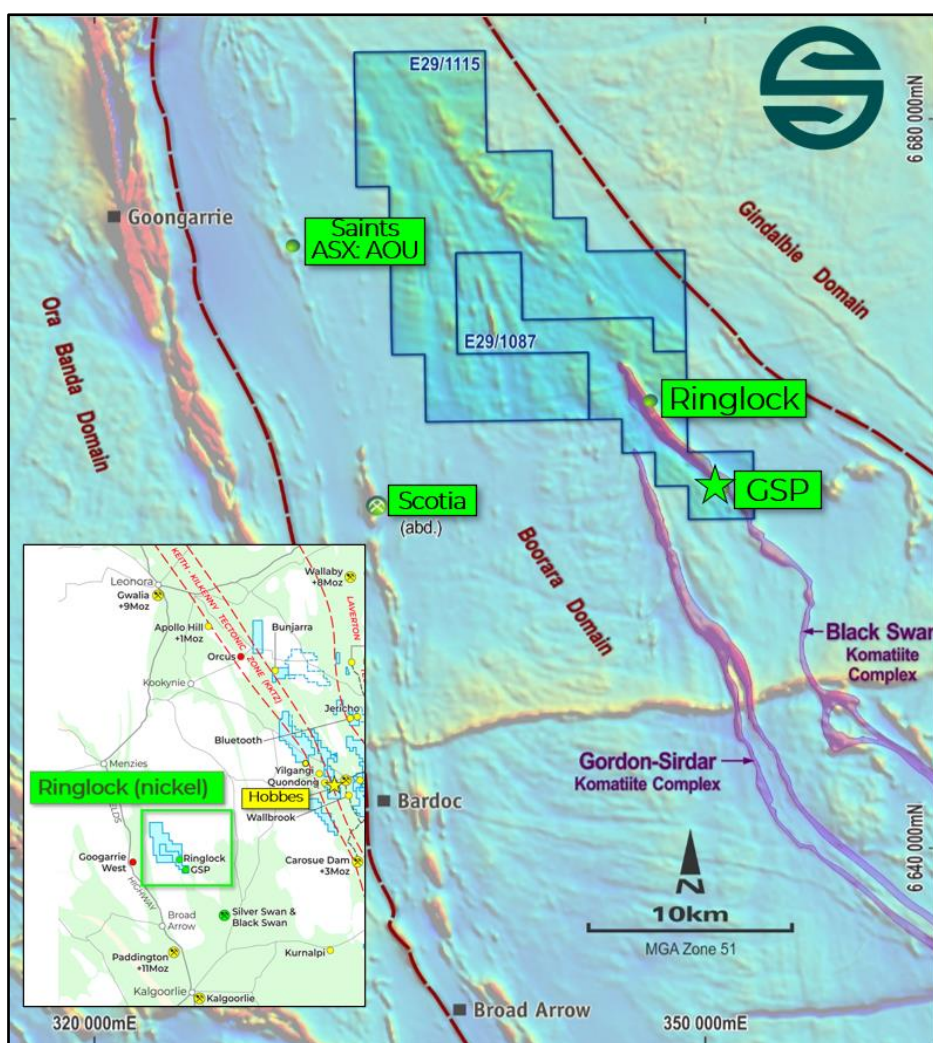
**Figure 11: Aircore geochemical drilling in typical soil-covered terrain at the Yarri Project. Extensive soil cover means that any previous surface geochemical sampling can be considered to be largely ineffective.**



## 1.2 Ringlock Project (Nickel)

The Ringlock Project is located approximately 80km north-northwest of Kalgoorlie and hosts the northerly extension of the ultramafic belt which contains the high-grade **Silver Swan** massive nickel sulphide mine, located 30km to the southeast (*Silver Swan historical underground production 2.7Mt @ 5.1% Ni for 137.5kt Ni – refer to ASX: POS*).

The Project covers two historical nickel sulphide prospects (**Ringlock** and **GSP**) (Figure 12). GSP hosts stringer and vein style accumulation along and below the key prospective basal/footwall contact as well as disseminated magmatic sulphide mineralisation in channelised overlying ultramafic flows. The Prospect is interpreted to be a structurally modified Kambalda-style footwall hosted massive nickel sulphide system.

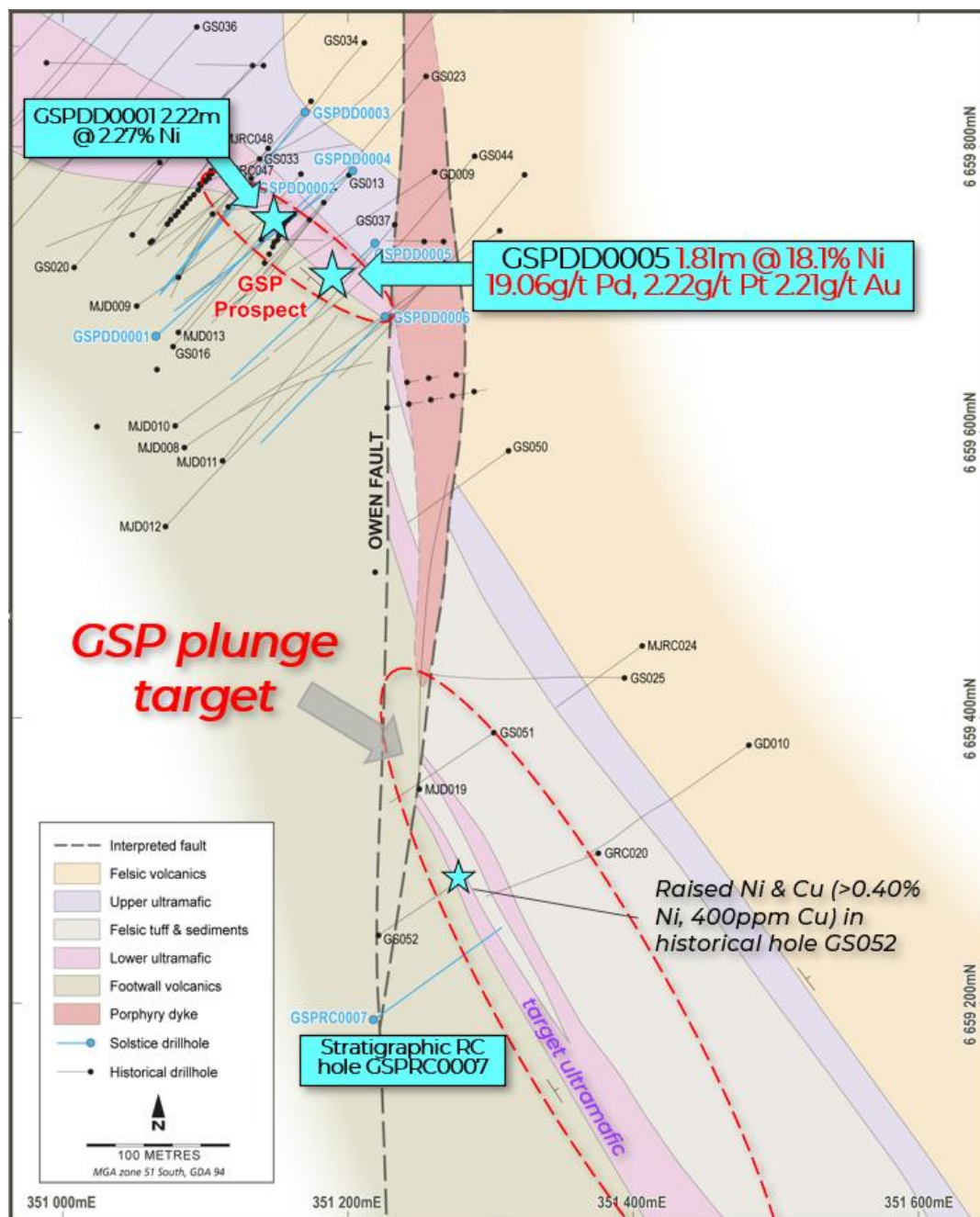


**Figure 12: Location of the Ringlock Nickel Project, ultramafic belts and aeromagnetic imagery**

Solstice's diamond drilling at GSP has returned massive sulphide vein results to **1.81m @ 18.1% nickel, 19.06g/t palladium 2.22g/t platinum, and 2.21g/t gold**, confirming that the prospect is a high-tenor magmatic nickel sulphide system with grades similar to Silver Swan.

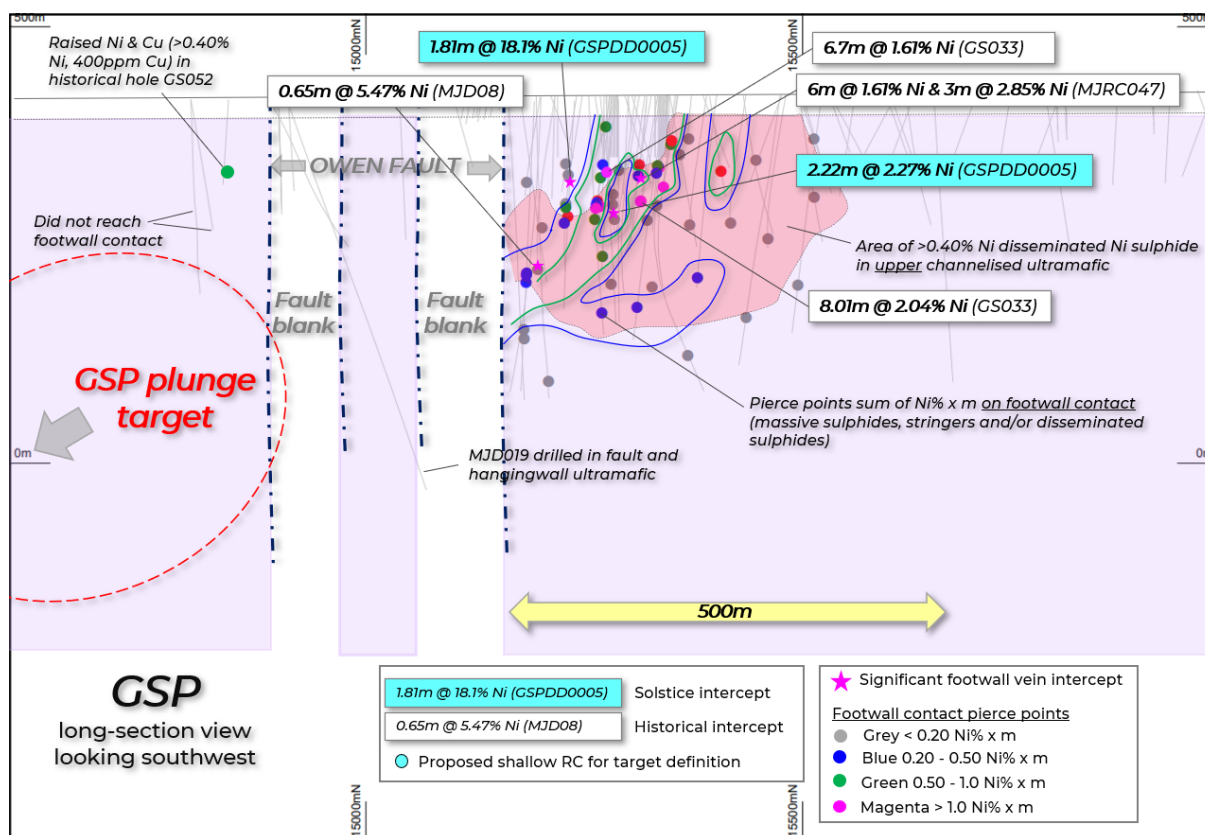


In detail sulphide mineralisation is interpreted to sit within an overlapping flow channel that plunges southward towards a local north-south trending cross-structure 'Owen Fault' that offsets the footwall contact some distance to the south (see Figure 13).



**Figure 13: Simplified geology of the GSP Prospect and southern extension on the far side of the Owen Fault corridor. The GSP channelised (thickened) footwall ultramafic is interpreted to plunge below the southern panel of footwall ultramafic. Note limited drilling in the target area.**

In long-section view (Figure 14), the Fault results in a 250-300m wide zone where the footwall ultramafic flow is absent (i.e. in 'fault blanks') which separates GSP from a panel of equivalent footwall ultramafic contact to the south. Previous drilling into this southern panel is sparse, with only one hole interpreted to have pierced the footwall contact, well above the proposed GSP plunge target (Figure 14).



**Figure 14: Ringlock Project - long-section view of GSP footwall contact looking grid west (magnetic SW) showing mineralised footwall contact pierce points, footwall vein pierce points, and overlying area of disseminated sulphides that together form an overlapping corridor plunging south to the Owen Fault. The continuation of the mineralised corridor into the southern panel of ultramafic presents a high-value exploration target.**

During the Quarter a stratigraphic RC drill hole was completed to determine the dip of the footwall contact on the southeast side of the Fault. This hole penetrated footwall basaltic rocks and confirmed that the footwall contact dips moderately northeast, as compared to a steep dip to the southwest at GSP. No material assay results were returned in the RC hole.

Hole design for a DD test into the interpreted plunge corridor is underway, with drilling planned for H1 2024.

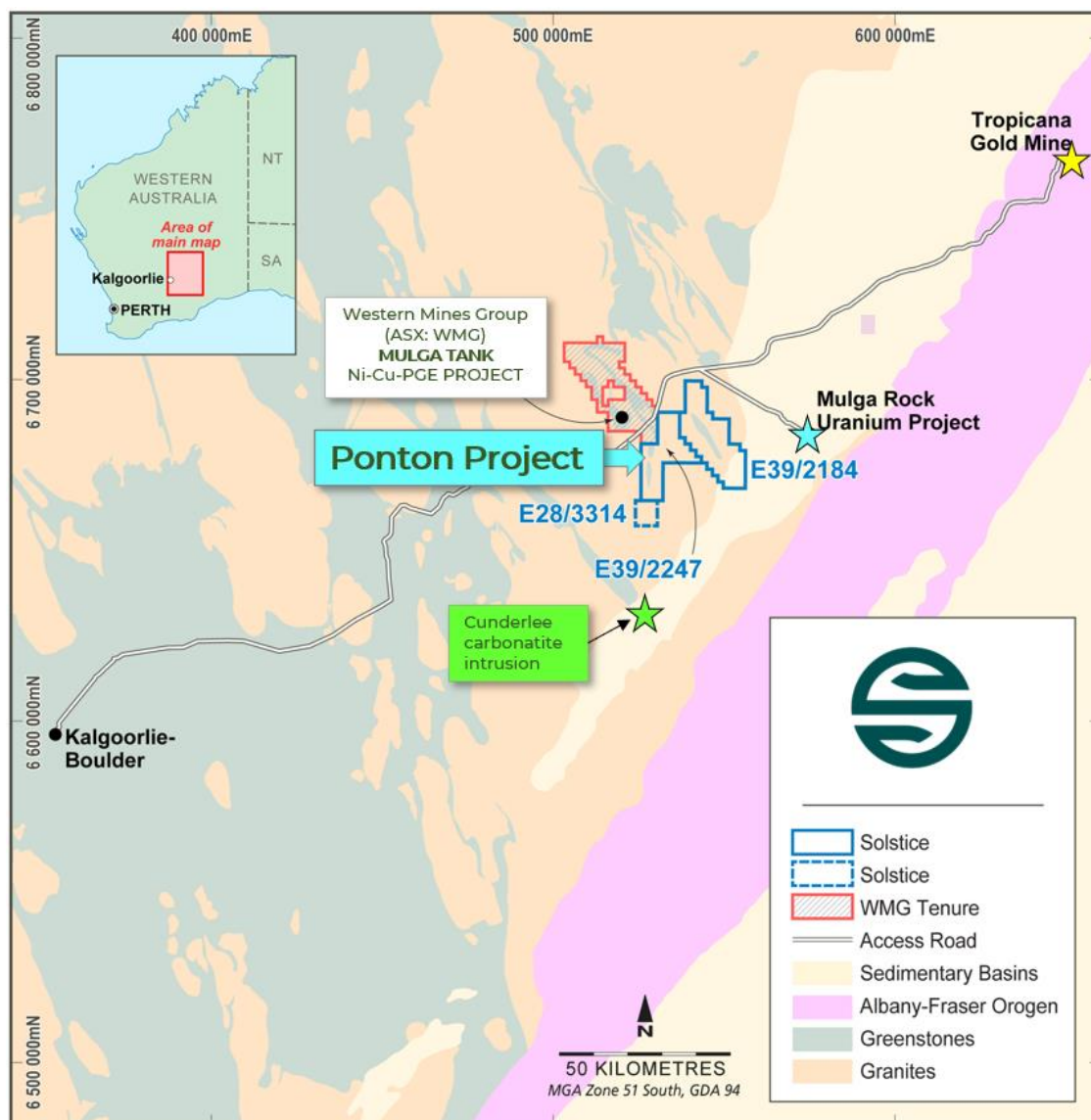
### 1.3 Ponton Project

The combined Ponton Project tenement group is a greenfield exploration holding over gneiss and greenstone terrain considered to have gold, base metals, and uranium prospectivity.

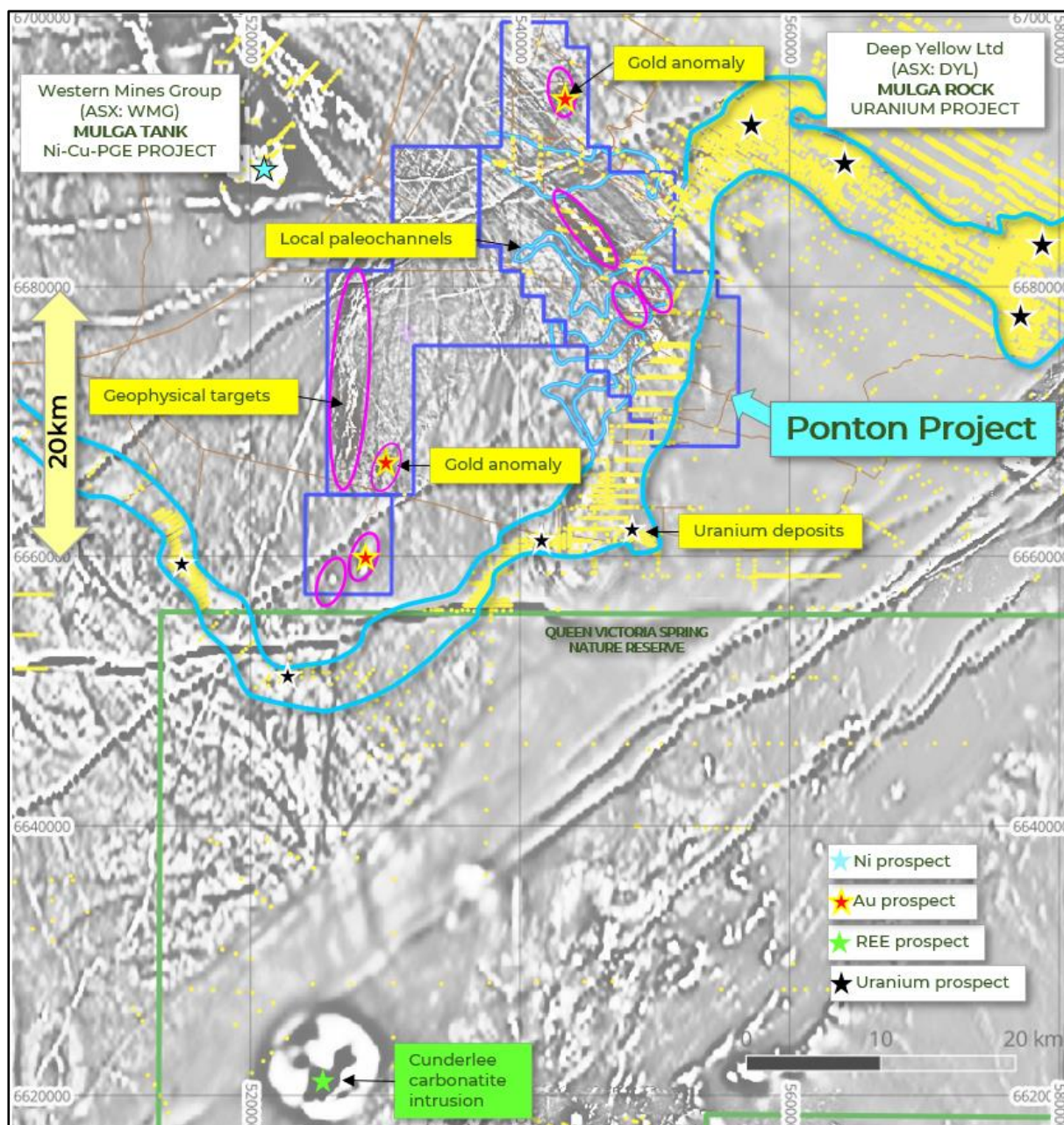
The Project is located immediately to the south and southeast of Western Mines Group's (ASX: WMG) **Mulga Tank Ni-Cu-PGE Project** (Figure 15) and covers an array of under-explored geophysical targets below transported cover and gold geochemical anomalism awaiting first-pass drilling. The prominent **Cundeelee** carbonatite intrusion is located immediately to the south, suggesting prospectivity for associated carbonatite dykes and REO mineralisation. Ponton also lies in the same region as the **Mulga Rock** uranium deposits (ASX: DYL) (Figure 15), and a major regional channel passes through the southeastern part of the tenure.



The commencement of first pass aircore drilling at Ponton remains subject to the completion of suitable heritage and access documentation. The Company will continue to seek to engage with the relevant Native Title group to progress this work.



**Figure 15: Regional location map Ponton Project**



**Figure 16: Ponton Project aeromagnetic imagery showing regional paleochannels and on-tenure aeromagnetic and gold anomalism targets.**

## 1.4 Project Generation

The Company continues to assess new potential value creation avenues and may consider suitable acquisition opportunities to complement our current landholding and exploration focus. A number of advanced and greenfield opportunities were reviewed in detail over the Quarter.

Reconnaissance soil sampling over a greenfield Ni-Cu-PGE opportunity at **Nanutarra** secured under a 12-month Option to Purchase arrangement did not return material Ni-Cu-and/or platinum group element (PGE) results and the Company withdrew from the Option Agreement in December 2023.





## 2. CASH POSITION

Solstice remains well funded with approximately \$8.2m in cash and no debt at December 31 2023, and with a current EV of circa \$1.1m the Company offers shareholders excellent leverage to exploration success.

## 3. Additional ASX Listing Rule Disclosures

In accordance with ASX Listing Rule 5.3.1, payments for exploration activities during the Quarter totalled \$525,000 (item 1.2(a) of the Appendix 5B). Details of exploration activities undertaken during the Quarter are provided above.

In accordance with ASX Listing Rule 5.3.2, the Company confirms that there were no mining production and development activities undertaken during the Quarter.

In accordance with ASX Listing Rule 5.3.3, details of tenements are provided in Section 4 below.

In accordance with ASX Listing Rule 5.3.4, a comparison of the use of funds as per the Solstice Prospectus dated 14 March 2022 (**Prospectus**) and actual use of funds since ASX admission is presented below:

Use of Funds (\$ million)	Prospectus estimate (2 year period following admission)	Actual use from admission until 31 December 2023	Variance
Exploration Expenditure	12.30	6.11	6.19
Non-Executive Directors' Fees	0.40	0.30	0.10
Corporate Costs	2.00	2.42	(0.48)
Future Acquisition Costs	1.60	0	1.60
Expenses of the Offer	0.70	0.63	0.07
<b>Total</b>	<b>17.00</b>	<b>9.45</b>	<b>7.55</b>

Use of funds variance explanations are provided below:

- Actual payments to 31 December 2023 for Exploration Expenditure, Non-Executive Directors' Fees, and Future Acquisition Costs are below the Prospectus estimates and in line with projected expenditure for the first twelve months of the two-year Prospectus estimates; and
- Actual payments to 31 December 2023 for Corporate Costs are above the Prospectus estimates. This is primarily attributable to expenses related to relocation of the Company's new head office, including rent, moving expenses, separate IT costs and other various administrative expenses.
- Actual net payments for Expenses of the Offer were lower than estimated due to the quantum of GST refunded.



In accordance with ASX Listing Rule 5.3.5, the payment of \$60,638 reported in Item 6.1 of the Appendix 5B to related parties of the entity and their associates consisted of the following:

- \$45,788 in Directors' fees and salaries (including superannuation) paid to the Directors; and
- \$14,850 paid to OreCorp Limited under the new Service Agreement dated 17 March 2023. The Transitional Services Agreement was terminated on 17 March 2023.

All related party transactions have been entered into on an arm's length basis.

## 4. TENEMENT SCHEDULES

List of tenements held (directly or beneficially) as at end of the Quarter:

Project	Licence/Tenement Number	Registered Holder	Beneficial Interest at end of Quarter
Yarri	E28/2583*	Solstice Minerals Limited	0%
	E28/2650*	Solstice Minerals Limited	0%
	E28/3124*	Solstice Minerals Limited	0%
	E28/3161*	Solstice Minerals Limited	0%
	E31/1117	Solstice Minerals Limited /Crosspick Resources Pty Ltd	80%
	E31/1121	Solstice Minerals Limited	100%
	E31/1134	Solstice Minerals Limited	100%
	E31/1150	Solstice Minerals Limited	100%
	E31/1173	Solstice Minerals Limited	100%
	E31/1175	Solstice Minerals Limited	100%
	E31/1220	Solstice Minerals Limited	100%
	E31/1225	Solstice Minerals Limited	100%
	E31/1231	Solstice Minerals Limited	100%
	E31/1236	Solstice Minerals Limited	100%
	E31/1244	Solstice Minerals Limited	100%
	E31/1245	Solstice Minerals Limited	100%
	E31/1251	Solstice Minerals Limited	100%
	E31/1262	Solstice Minerals Limited	100%
	E31/1266	Solstice Minerals Limited	100%
	E31/1300	Solstice Minerals Limited	100%
	E31/1303	Solstice Minerals Limited	0% - pending application
	E31/1329	Solstice Minerals Limited	100%
	E31/1357	Solstice Minerals Limited	0% - pending application
P31/2118	Solstice Minerals Limited	100%	
P31/2119	Solstice Minerals Limited	100%	



Project	Licence/Tenement Number	Registered Holder	Beneficial Interest at end of Quarter
	E39/1914	Solstice Minerals Limited	95%
	E39/1976	Solstice Minerals Limited	95%
	E39/2187	Solstice Minerals Limited	100%
	E39/2214	Solstice Minerals Limited	100%
	E39/2215	Solstice Minerals Limited	100%
	E39/2293	Solstice Minerals Limited	100%
	E39/2301	Solstice Minerals Limited	100%
	E39/2323	Solstice Minerals Limited	100%
	E39/2371	Solstice Minerals Limited	0% - pending application
	E39/2388	Solstice Minerals Limited	0% - pending application
	E39/2405	Solstice Minerals Limited	0% - pending application
	E39/2407	Solstice Minerals Limited	0% - pending application
	E39/2438	Solstice Minerals Limited	0% - pending application
	P39/5600	Solstice Minerals Limited	100%
	P39/5601	Solstice Minerals Limited	100%
	P39/6224	Solstice Minerals Limited	100%
	P39/6289	Solstice Minerals Limited	100%
Ponton	E28/3314	Solstice Minerals Limited	100%
	E39/2184	Solstice Minerals Limited	100%
	E39/2247	Solstice Minerals Limited	100%
Ringlock	E29/1087	GreenCorp Metals Pty Ltd	100%
	E29/1115	GreenCorp Metals Pty Ltd	100%
Ashburton	E08/3603	Solstice Minerals Limited	0% - pending application

\* On 27 September 2023 Solstice announced that it had entered into a binding Tenement Sale Agreement (TSA) to sell the 100% legal and beneficial interest in E28/2583, E28/2650, E28/3124 and E28/3161 to Marquee Resources Limited. The TSA completed on 18 October 2023. The tenements are in the process of being formally transferred however as at 31 December 2023 they are still registered to Solstice in DEMIRS.

### List of tenements acquired (directly or beneficially) during the Quarter

Project	Licence/Tenement Number	Registered Holder	Beneficial Interest at end of Quarter
Yarri	E31/1262	Solstice Minerals Limited	100%
	E39/2438	Solstice Minerals Limited	0% - pending application
Ponton	E28/3314	Solstice Minerals Limited	100%



### List of tenements and applications relinquished, reduced or lapsed (directly or beneficially) during the Quarter

Project	Licence/Tenement Number	Registered Holder	Beneficial Interest at end of Quarter
Ashburton	E08/2942	Cratonix Pty Ltd	0%

Other than as disclosed above, no other tenements were acquired or disposed during the Quarter (including beneficial interests in joint venture projects), nor were there any further changes to the beneficial interest in any tenements.

This announcement has been authorised for release by the Board.

#### For further information please contact:

##### Nick Castleden

CEO & Managing Director

T: +61 (8) 9200 1838

### ABOUT SOLSTICE MINERALS LIMITED

Solstice is a minerals exploration company with gold and base metal projects in the Eastern Goldfields of Western Australia. The Company's key projects are the extensive Yarri gold exploration landholding, Ringlock Dam and the Ponton early-stage gold project.

Solstice has been listed on the Australian Securities Exchange since 2 May 2022, and trades under the code 'SLS'. The company is well funded with no debt.

### FORWARD-LOOKING STATEMENTS

This Report may contain certain forward-looking statements, guidance, forecasts, estimates, prospects or projections in relation to future matters that may involve risks or uncertainties and may involve significant items of subjective judgement and assumptions of future events that may or may not eventuate (**Forward-Looking Statements**). Forward-Looking Statements can generally be identified by the use of forward-looking words such as "anticipate", "estimates", "will", "should", "could", "may", "expects", "plans", "forecast", "target" or similar expressions and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production and expected costs. Indications of, and guidance on future earnings, cash flows, costs, financial position and performance are also Forward-Looking Statements.

Persons reading this Report are cautioned that such statements are only predictions, and that actual future results or performance may be materially different. Forward-Looking Statements, opinions and estimates included in this Report are based on assumptions and contingencies which are subject to change, without notice, as are statements about market and industry trends, which are based on interpretation of current market conditions. Forward-Looking Statements are provided as a general guide only and should not be relied on as a guarantee of future performance.



No representation or warranty, express or implied, is made by Solstice that any Forward-Looking Statement will be achieved or proved to be correct. Further, Solstice disclaims any intent or obligation to update or revise any Forward-Looking Statement whether as a result of new information, estimates or options, future events or results or otherwise, unless required to do so by law.

### **COMPLIANCE STATEMENT**

The information in this Report that relates to Exploration Results and estimates of Mineral Resources is extracted from the ASX announcements (**Original Announcements**) as referenced. All prior Solstice ASX announcements, Investor Updates, and the Solstice Prospectus dated 14 March 2022 are available to view on the Company's website [www.solsticeminerals.com.au](http://www.solsticeminerals.com.au).

Solstice confirms that it is not aware of any new information or data that materially affects the information included in the Original Announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the Original Announcements continue to apply and have not materially changed. Solstice confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the Original Announcements.

## Appendix 5B

### Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

<b>SOLSTICE MINERALS LIMITED</b>
----------------------------------

ABN

<b>67 150 154 162</b>
-----------------------

Quarter ended ("current quarter")

<b>31 DECEMBER 2023</b>
-------------------------

<b>Consolidated statement of cash flows</b>	<b>Current quarter \$A'000</b>	<b>Year to date (6 months) \$A'000</b>
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation	(356)	(1,044)
(b) development	-	-
(c) production	-	-
(d) staff costs	(162)	(339)
(e) administration and corporate costs	(205)	(644)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	91	193
1.5 Interest and other costs of finance paid	(1)	(3)
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (provide details if material)	-	-
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(633)</b>	<b>(1,837)</b>

<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	(1)
(d) exploration & evaluation	-	-
(e) investments	-	-
(f) other non-current assets	(2)	(2)

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	150	150
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>148</b>	<b>147</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings (leases)	(23)	(45)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>(23)</b>	<b>(45)</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	8,746	9,973
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(633)	(1,837)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	148	147
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(23)	(45)

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (6 months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held	-	-
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>8,238</b>	<b>8,238</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	47	47
5.2	Call deposits	1,691	1,691
5.3	Bank overdrafts	-	-
5.4	Other – Term deposits	6,500	6,500
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>8,238</b>	<b>8,238</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$A'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	61
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

*Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.*



## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>7. Financing facilities</b>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>		
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 <b>Total financing facilities</b>	-	-
7.5 <b>Unused financing facilities available at quarter end</b>		-
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

<b>8. Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (item 1.9)	(633)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(633)
8.4 Cash and cash equivalents at quarter end (item 4.6)	8,238
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	8,238
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	13
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer:	
N/A	
8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer:	
N/A	

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:

N/A

*Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.*

## Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 23 January 2024

Authorised by: By the Solstice Minerals Limited Board of Directors  
(Name of body or officer authorising release – see note 4)

## Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.