

## Target Generation Drilling Underway on Emerging Bunjarra Gold Trend

### Highlights

- Infill aircore drilling has commenced at Bunjarra to follow up recent exciting aircore hits up to 10m @ 3.61g/t Au<sup>1</sup> in composite sampling.
- Bunjarra hosts a variety of strong bedrock gold targets, with gold anomalism identified in multiple geological locations below a blanket of shallow transported cover.
- Drilling will tighten traverse spacing along an evolving 2km mineralised trend in the southern part of the Licence and will allow targeting to be refined for a maiden Reverse Circulation (RC) program to test fresh-rock gold targets.
- Results are awaited from first-pass aircore drilling over promising soil-covered litho-structural targets at Edjudina Range and Cosmo, and additional 1m re-sampling at Bunjarra and Box Soak. Samples are at the laboratory and results will be reported when available.
- Site works also underway ahead of drilling at the advanced Bluetooth Gold Prospect, where a program of shallow RC drill holes will follow-up historical drill intercepts<sup>2</sup> including 12m @ 1.31g/t Au to end of hole (EOH), 15m @ 0.95g/t Au, 8m @ 1.66g/t Au and 2m @ 5.07g/t Au EOH.
- The Company continues to pursue its strategy to bring forward new, commercially relevant gold prospects in this highly prospective and productive sector of WA's Eastern Goldfields.

Solstice Minerals' Chief Executive Officer and Managing Director, Mr Nick Castleden, said:

*"Solstice continues its search for stand-alone scale gold mineralisation on its extensive Yarri Project landholdings. Bunjarra has risen to the top of our greenfield hit-list following recent exploration success that included composite aircore results to **10m @ 3.61g/t Au**, supporting an adjacent hit of **2m @ 1.85g/t Au**<sup>3</sup>. Bunjarra is a classic Eastern Yilgarn gold target, with strong indications of gold in a compelling 'buried' structural setting. The field team have worked hard to re-start aircore drilling in short order and this campaign will guide maiden RC drilling to test the fresh rock geology below a leached weathering profile."*

<sup>1</sup> Refer to ASX: SLS 9 September 2024 "Significant 10m @ 3.61g/t Gold Intercept at Bunjarra".

<sup>2</sup> Refer to ASX: SLS 8 October 2024 "Solstice Accelerates Drilling at Yarri Gold Project"

<sup>3</sup> Refer to ASX: SLS 16 January 2024 "Solstice Readies for Drilling New High Priority Gold Targets"

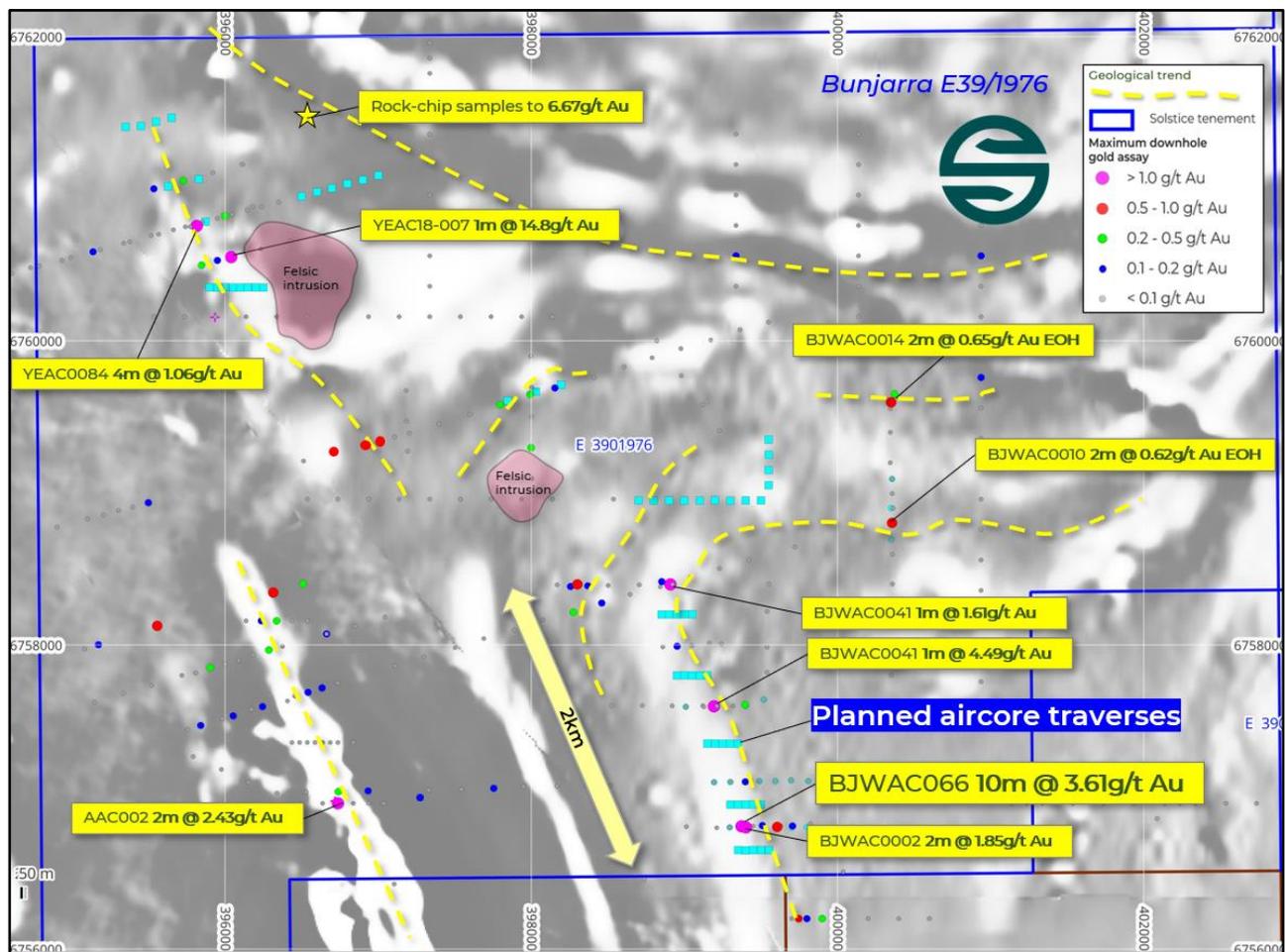


## Bunjarra Follow-up Aircore

Solstice Minerals Limited (ASX: SLS, **Solstice**, the **Company**) is pleased to advise that aircore drilling has re-commenced at the Company's emerging **Bunjarra Project** in WA. This round of drilling is designed to tighten line spacing to a density that will allow optimal design for maiden RC drill-testing.

In the southern part of the Licence, where a **>2km trend of gold anomalism is taking shape**, infill aircore traverses will straddle existing wide-spaced drill lines (between 200m and 500m apart) and follow-up a recent result of **10m @ 3.61g/t Au** (in 5m composite samples) in BJWAC066 (supported by **2m @ 1.85g/t Au** in adjoining BJWAC002) and **1m @ 4.49g/t Au** in BJWAC041<sup>4</sup>, located 800m to the north (**Figure 1**).

Additional drilling will be carried out around strong anomalism in historical drilling, including **1m @ 14.8g/t Au**<sup>5</sup> adjacent to a local felsic intrusive in the north-west of the Licence, and in other places where past drilling has returned base-of-oxidation gold anomalism in consecutive drillholes.



**Figure 1: Bunjarra Project - planned next phase aircore drilling (light blue squares), all drill collars (coloured for peak down-hole gold values) and significant Solstice and historical intercepts (in yellow text boxes). Background is aeromagnetic imagery.**

The combined gold results to date at Bunjarra highlight the potential for mineralised bedrock structures in multiple locations, with widespread >0.10g/t Au anomalism recorded in drillholes over many

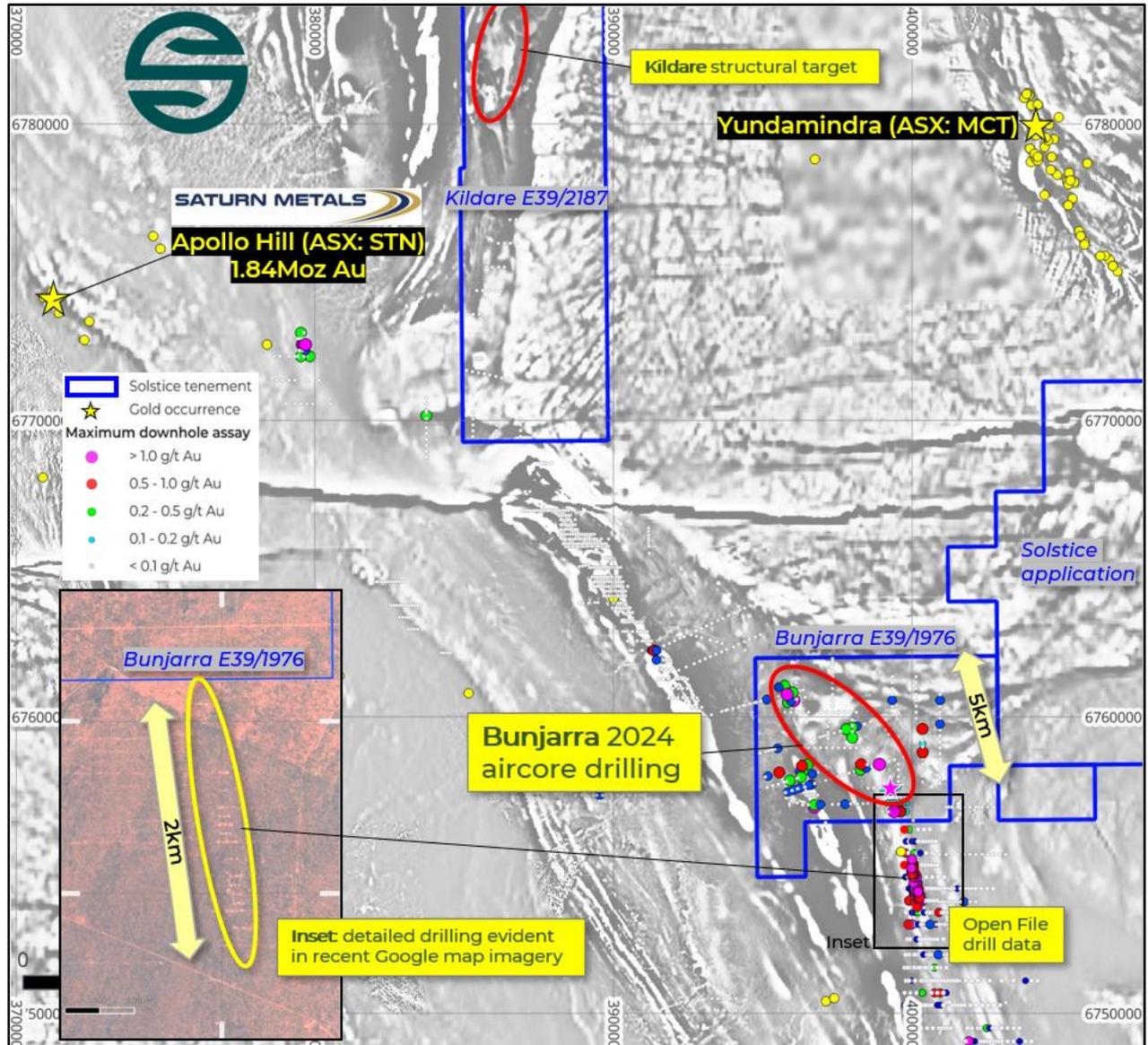
<sup>4</sup> Refer to ASX: SLS 9 September 2024 "Significant 10m @ 3.61g/t Gold Intercept at Bunjarra".

<sup>5</sup> Refer to ASX: SLS 28 April 2022 "Prospectus"



kilometres of strike. Gold mineralisation typically sits at the interface between oxidised and unoxidised bedrock, a typical Goldfields geochemical setting and an indicator of proximal bedrock gold mineralisation.

Bunjarra lies approximately 70km northwest of Northern Star's (ASX: NST) **Porphyry** mining centre, 20km southeast of Saturn Metals' (ASX: STN) **Apollo Hill** gold deposit and along strike from a significant gold drill-out to the south (**Figure 2**). The Licence is covered by a blanket of shallow transported alluvial material that has limited the effectiveness of previous exploration.



**Figure 2: Bunjarra and Kildare tenure on aeromagnetic imagery and Solstice and Open File drill collars with peak down-hole gold values. Google Earth inset shows drilling activity immediately south of Licence boundary.**

### Reconnaissance Aircore Programs – Edjudina Range and Cosmo

Results are awaited from first-pass aircore drilling completed over promising soil-covered litho-structural targets at **Edjudina Range** and **Cosmo** (**Figure 3**). The targets at Edjudina Range are below shallow



transported cover and along strike from the Company's advanced **Statesman Well Project**, while drilling at Cosmo tested below a local alluvial channel that obscures underlying prospective geology.

The Cosmo target lies immediately north of the **Hobbes** tenement, which was recently sold to a subsidiary of Northern Star Resources Limited (ASX: NST) for \$12.5M<sup>6</sup>.

Additional 1m resampling of mineralised composite samples at Bunjarra and Box Soak has also been carried out. All samples have been submitted for analysis and results will be reported when available.

### Bluetooth RC Drilling

On-ground preparations continue for first-stage RC drilling at the Company's advanced **Bluetooth Gold Prospect** on the **Box Soak** tenement group.

The Prospect has been shallowly drilled in the 1990's and hosts historical drill intercepts that include **12m @ 1.31g/t Au to EOH, 15m @ 0.95g/t Au, 8m @ 1.66g/t Au** and **2m @ 5.07g/t Au EOH** that report to zones of silicified chert, ironstone and quartz veining extending over more than 1km of strike (**Figure 4**). Historical RC drilling is at 100m line-spacing, and in places with only one effective hole per drill section.

Approximately 20 shallow RC holes have been designed (**Figure 4**). Drilling will improve the understanding of geological controls at this Prospect and results will guide future infill, step-out and extensional exploration drilling. Drilling is planned to commence in the December 2024 Quarter once the current program of aircore drilling at Bunjarra has been completed.

### Forward Planning

The Company continues to work-up further quality greenfield gold targets on its 1,730 square kilometres of Yarri Project tenure, with a focus on testing targets that offer potential for 'stand-alone' scale. The current aircore drilling campaign at Yarri is likely to continue through the remainder of 2024, with the aim of bringing forward more new targets for RC drilling.

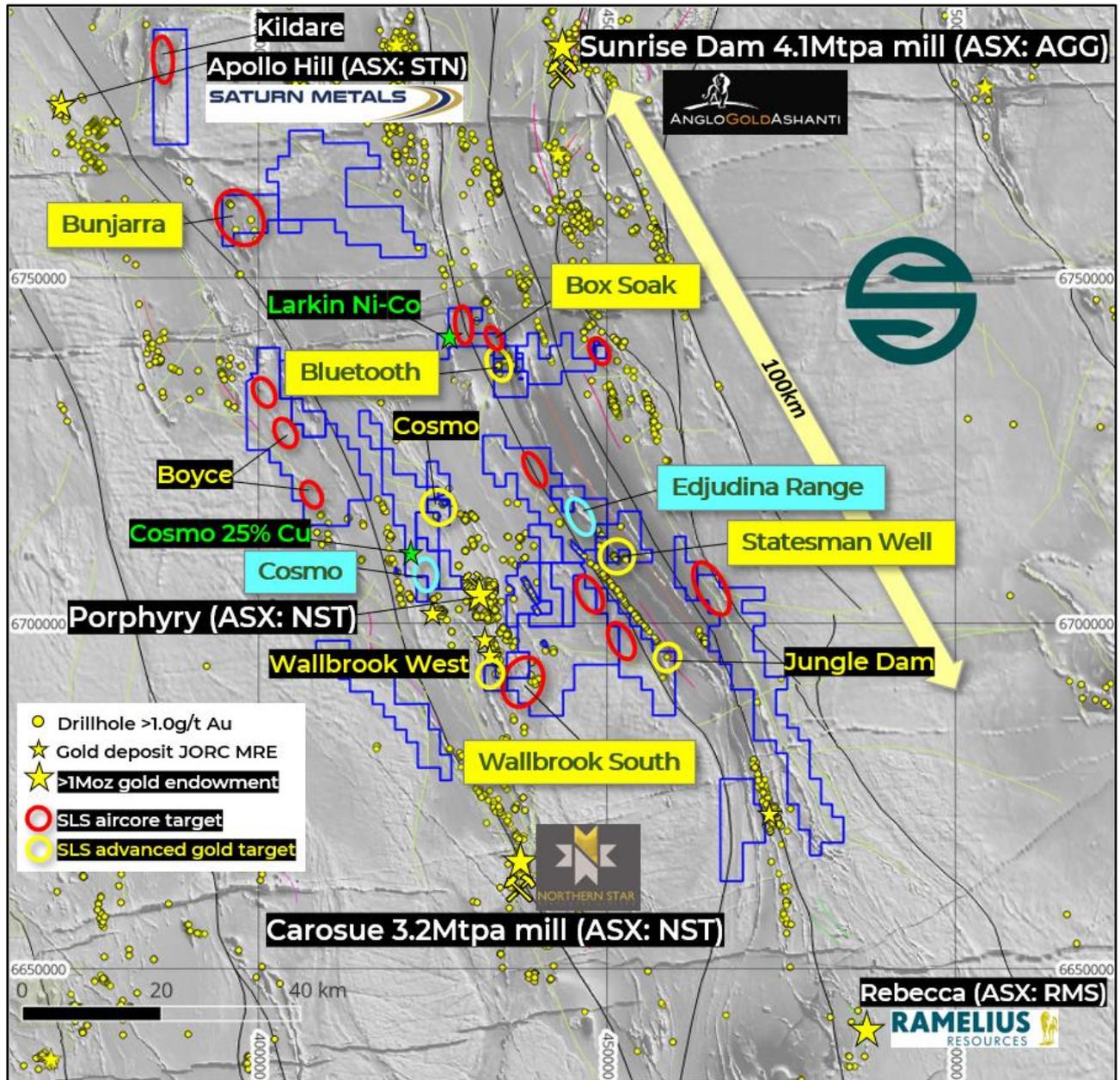
Some recent presentations and commentary on the Company's strategy and methodology can be viewed at: <https://solsticeminerals.com.au/investor-centre/media-insights>

### About the Yarri Project

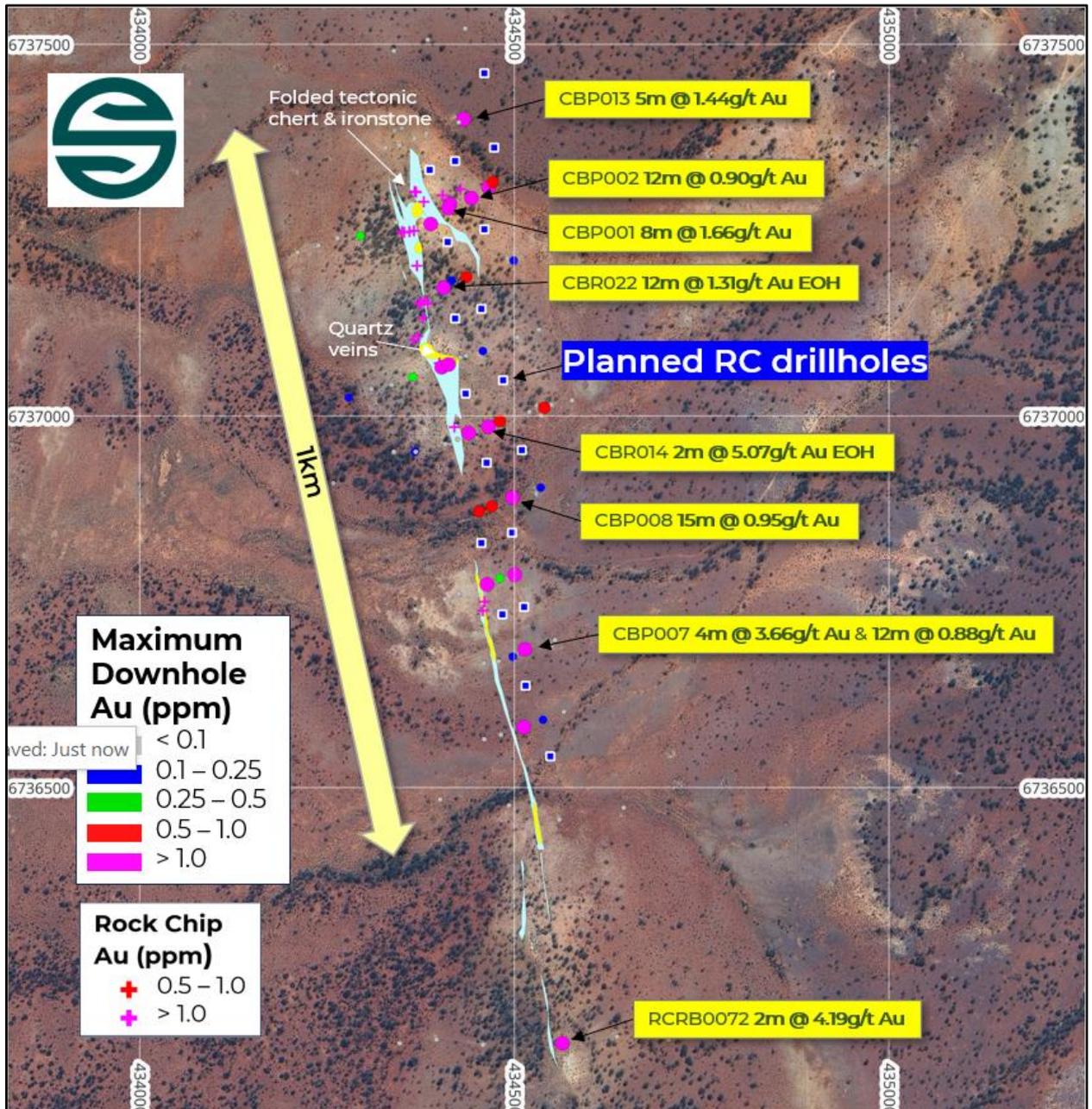
The Company's Yarri landholding is close to existing infrastructure, with dedicated haul roads and ore processing facilities typically within 50–100km. In this infrastructure-rich area, even modest scale gold mineralisation has potential to be commercialised, as underscored by the sale of the Company's Hobbes tenement.

With an extensive belt-scale footprint in WA's Eastern Goldfields, the Company continues to offer strong leverage to gold exploration success. A robust cash position provides Solstice with excellent flexibility to expand its asset base beyond its current Projects, and the Company continues to review a number of compelling business development opportunities.

<sup>6</sup> Refer to ASX: SLS 16 April 2024 "Sale of Hobbes Exploration Licence for \$12.5m"



**Figure 3: Solstice's Yarri Project tenement group showing the location of Edjudina Range and Cosmo target areas, Bluetooth and Bunjarra, and all gold targets flagged for aircore drilling (red circles). The Company's more advanced targets with existing >1g/t Au gold intercepts are shown as yellow circles.**



**Figure 4: Bluetooth Gold Prospect showing geological trends on photo imagery and the location of planned RC drill collars (blue squares), historical RAB and RC drilling (circles coloured for peak down-hole gold values) and >0.5g/t Au rock-chip locations (crosses).**

All exploration releases are available on the Company's website at:  
<https://solsticeminerals.com.au/investor-centre/asx-announcements>.

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**

**Media inquiries:**  
**Nicholas Read – Read Corporate**  
**T: +61 (8) 9388 1474**



## Forward-Looking Statements

This announcement may contain certain forward-looking statements, guidance, forecasts, estimates, prospects, projections or statements 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 announcement 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 announcement 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 - Previously Reported Results

The information in this announcement that relates to previously reported Exploration Results is extracted from the Company's Prospectus dated 28 April 2022 (**Prospectus**) and the Company's ASX announcements (**Original Announcements**) dated 16 January 2024, 9 September 2024 and 8 October 2024 as footnoted. Solstice confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus and 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 announcement.