

## Aircore Drilling Underway on New Greenfield Gold Targets

### Highlights

- **Aircore drilling has commenced testing new soil-covered litho-structural targets at Edjudina Range and Cosmo.**
- **Drilling continues Solstice's strategy to search for completely new gold mineralisation in under-tested parts of its highly prospective Yarri Project landholding.**
- **This strategy has already delivered exciting recent successes<sup>1</sup> at Bunjarra (aircore hits to 10m @ 3.61g/t Au) and at Box Soak (10m @ 0.44g/t Au) with further drilling currently being planned for Q4 2024**
- **The Company remains well-funded for this type of fast and cost-effective aircore-led exploration, offering excellent leverage with approximately \$17.5million<sup>2</sup> in cash at June 30 2024.**

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

*"Solstice is pleased to have kicked off its next aircore drilling program, this time over promising soil-covered aeromagnetic and geological targets at Edjudina Range, which sits along strike from our advanced Statesman Well prospect. We will also run some reconnaissance lines across untested geology at Cosmo, which lies to the north of the Hobbes tenement which Solstice recently sold to Northern Star for \$12.5M<sup>3</sup>. This style of greenfield drilling is extremely cost-efficient in this part of the Goldfields, so we are happy to test multiple targets – early-stage stuff, but exciting when new mineralisation comes in as we have already demonstrated at Bunjarra."*

Solstice Minerals Limited (ASX: SLS, **Solstice**, the **Company**) advises that aircore drilling has commenced over new gold targets at **Edjudina Range** and **Cosmo** areas of its 100% owned **Yarri Gold Project** (Figure 1) in WA's Eastern Goldfields. The current campaign continues Solstice's strategy to explore the soil-covered areas of its prime Yarri tenure, with the aim of defining completely new gold mineralisation suitable for either stand-alone scale development or delivery to nearby processing plants.

Edjudina Range comprises litho-structural targets along strike from the Company's advanced **Statesman Well Project**<sup>4</sup>, where the host chert and banded iron formation stratigraphy trends into shallow transported cover and is cut by local structure (Figure 2).

Cosmo lies immediately north of the Hobbes tenement recently sold to a subsidiary of Northern Star Resources Limited (ASX: NST), with current drilling across a local alluvial channel that obscures underlying prospective geology. The target here is Hobbes style supergene and/or bedrock gold mineralisation.

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

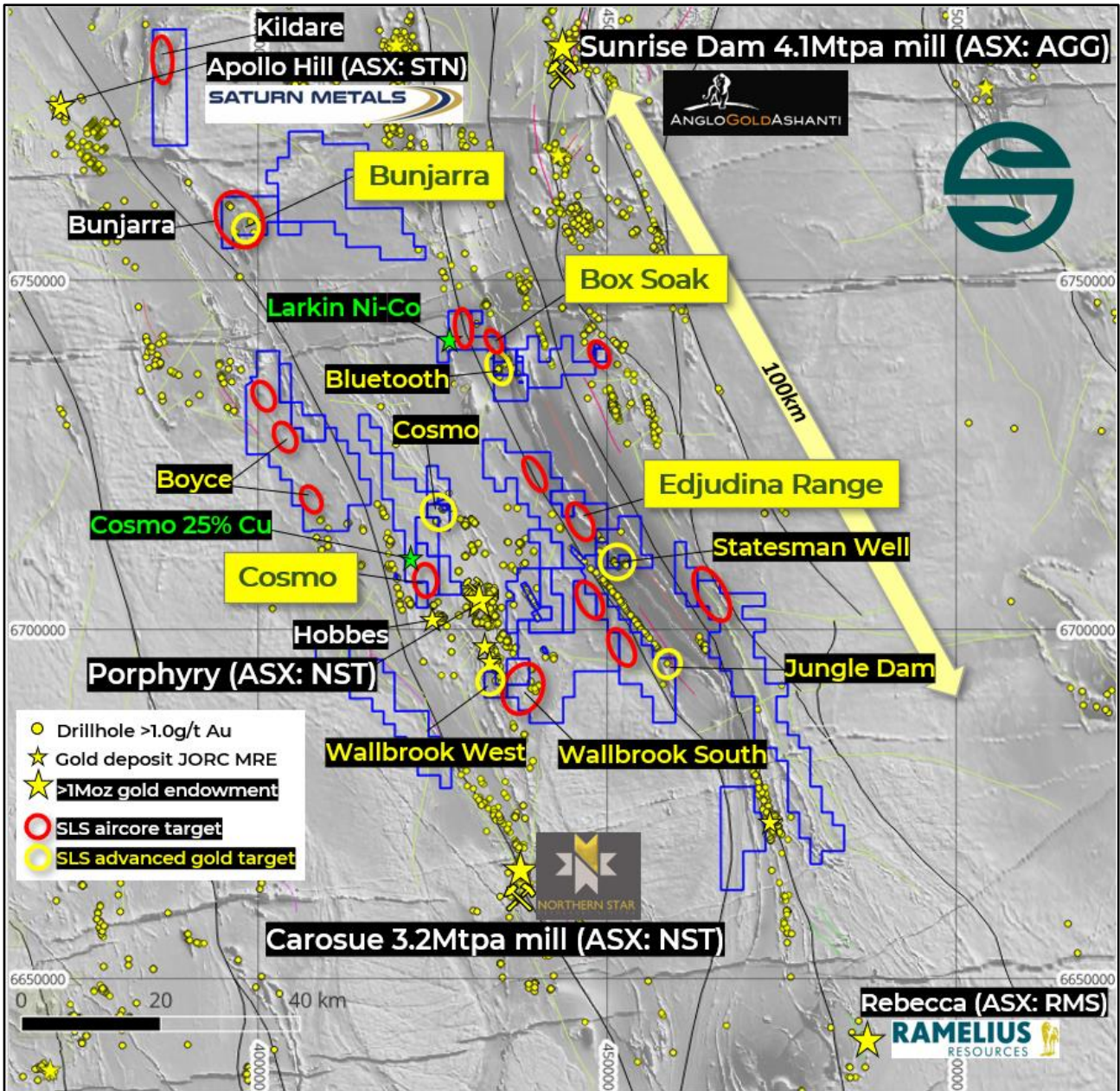
<sup>2</sup> Refer to ASX:SLS 24 July 2024 "June 2024 Quarterly Activities Report".

<sup>3</sup> Refer to ASX:SLS 9 April 2024 "Sale of Hobbes Exploration Licence for 12.5M".

<sup>4</sup> Refer to ASX:SLS 7 May 2024 "Strong Drill Targets at Statesman Well Gold Prospect".



Drilling is expected to continue for approximately two weeks, with samples to be delivered to the lab in batches as the program proceeds.



**Figure 1: Solstice's Yarri Project tenement group showing the location of Edjudina Range and Cosmo target areas, and all other early-stage 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.**

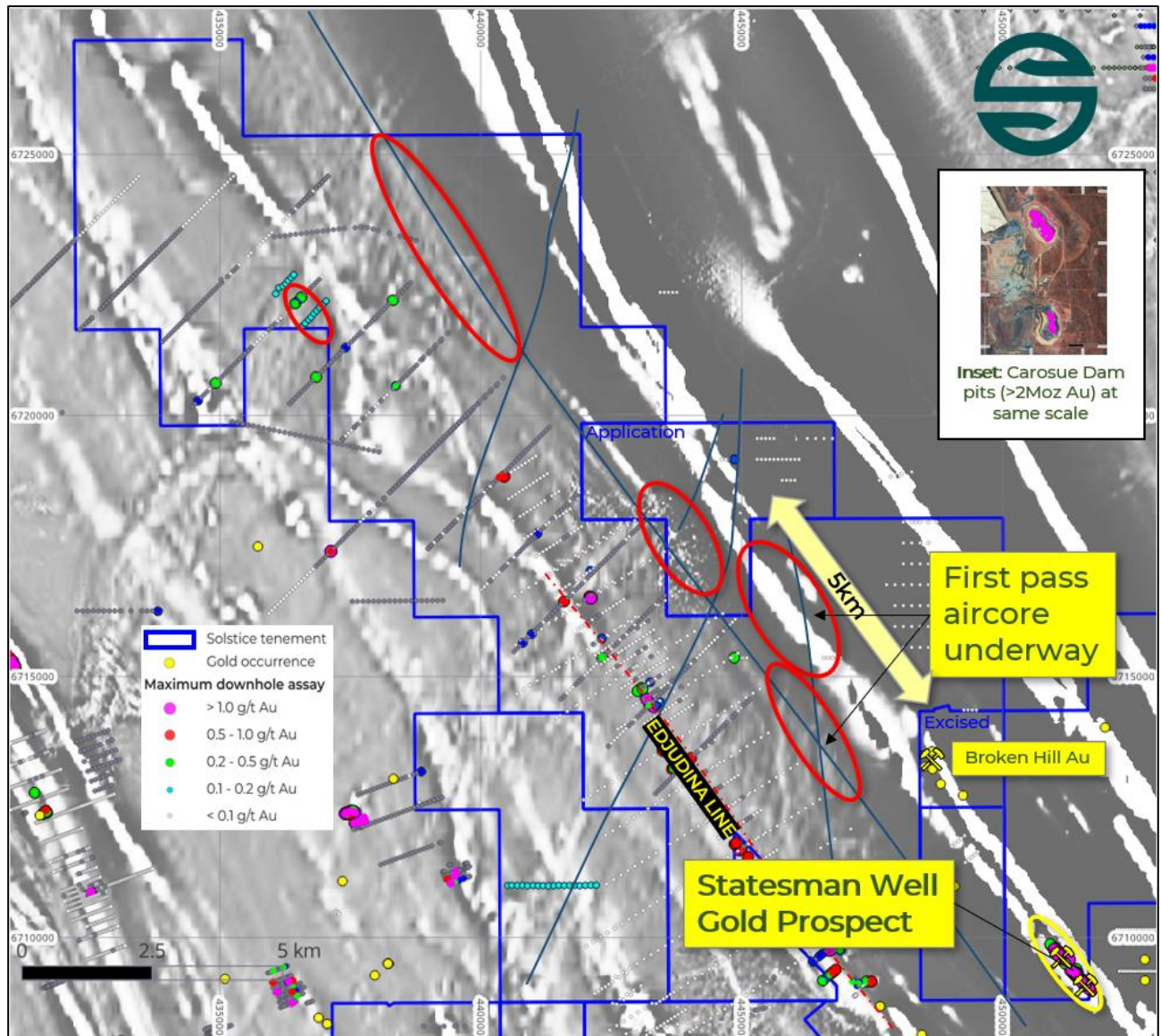
Solstice has now completed 1m resampling of the recently reported aircore drilling success at **Bunjarra**, where a significant composite sample intercept of **10m @ 3.61g/t Au** including **5m @ 6.48g/t Au**, strongly validated a prior intercept of 2m @ 1.85g/t Au<sup>5</sup> in a nearby aircore drillhole.

<sup>5</sup> Refer to ASX: SLS 16 January 2024 "Solstice Readies for Drilling New High Priority Gold Targets"



One-metre resampling has also been carried out at **Box Soak**, where two programs of aircore drilling have opened up an anomalous trend at least 800m in strike, with the most recent drilling returning promising composite intercepts of **10m @ 0.44g/t Au** and **15m @ 0.11g/t Au**.

Assay results for both Prospects will be reported once available and will be used to further advance drilling.



**Figure 2: Edjudina Range tenement group showing the location of Statesman Well and current aircore targets (red circles) on aeromagnetic imagery and all historical drilling coloured for peak downhole Au values (g/t). As a scale example Carosue Dam open pits are shown in the Inset image at same scale.**

### Forward Plan

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 Q3 and into Q4 2024, with the aim of bringing forward more new targets for RC drilling.

The recent aircore success at Bunjarra has progressed this Prospect toward RC drilling, with drillhole planning underway. Bunjarra will join the Company's advanced Statesman Well and **Bluetooth**



Prospects, for RC drilling during Q4 2024. Prospect-specific heritage clearance is scheduled for Statesman Well.

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. The robust cash position of \$17.5 million at 30 June 2024 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.



***Figure 3: Reconnaissance aircore drilling in typical shallow transported terrain.***

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.

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