

2025 Gold Exploration Kicks Off with Step-Out Drilling Completed at Edjudina Range

Highlights

- **Aircore drilling completed on 200m spaced step-out lines to extend the exciting Edjudina Range greenfield gold target, where reconnaissance drilling in late 2024 returned 6m @ 1.88g/t Au EOH, ending in 2.98g/t Au¹.**
- **Gold mineralisation occurs in a silicified iron-oxide altered schist and associated quartz veining and is supported by gold anomalism in adjoining drillholes.**
- **Step-out and infill drilling intersected similar geology and regolith profile.**
- **The Edjudina Range target is completely untested below shallow cover for several kilometres along strike and open at depth.**
- **Target sits in a similar litho-structural setting to the advanced Statesman Well Gold Prospect, located 9km to the southeast, and recent RC results of up to 36m @ 1.55g/t Au² at Bluetooth, 23km to the northwest.**

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

"The team has hit the ground running and has already completed the first drill program for the year at the Yarri Gold Project. Edjudina Range is a great example of our greenfield gold targeting - with a first-ever test into highly prospective but completely unexplored geology returning composite results up to 6m @ 1.88g/t Au at end-of-hole (EOH) and nice support in adjoining holes. Current drilling has stepped-out 200m to the north and south from this traverse and we are looking forward to getting assays back. Subject to results we are ready to scope out the rest of the ~4km soil-covered target where there is plenty of space to unveil a commercial scale discovery. We know that the geological trend can deliver the goods, as demonstrated by the significant historical RC results reported from Statesman Well and our recent work at Bluetooth".

Aircore Drilling at Edjudina Range

Solstice Minerals Limited (ASX: SLS, **Solstice**, the **Company**) is pleased to advise that the aircore drill rig had been back in action early in the New Year, with step-out drilling successfully completed at the emerging **Edjudina Range Prospect**.

The Prospect was upgraded in late 2024 when a reconnaissance aircore drill traverse testing magnetic trends below shallow transported cover returned composite results of up to **6m @ 1.88g/t Au EOH** in EDRAC027 (**Figure 1**) and ending in silicified iron-rich schist and quartz veining grading **1m @ 2.98g/t Au**

¹ ASX: SLS 28 November 2024 "Aircore Drilling Opens New Gold Trends at Yarri Project".

² ASX: SLS 6 January 2025 "36m at 1.55g/t Gold in Bluetooth RC Drilling".



at 46m. The intercept is supported by gold anomalism to 0.23g/t Au in the oxide profile, and >0.10g/t Au anomalism in adjacent holes³ (Figure 1).

Solstice's follow-up drilling has straddled the EDRAC027 intercept and stepped-out 200m to the north and south from this traverse. **The step-out traverses and infill holes intersected a similar geological sequence and regolith profile.**

Subject to assay results, the Company intends to mobilise and test the balance of the approximately 4km long soil-covered structural-magnetic target.

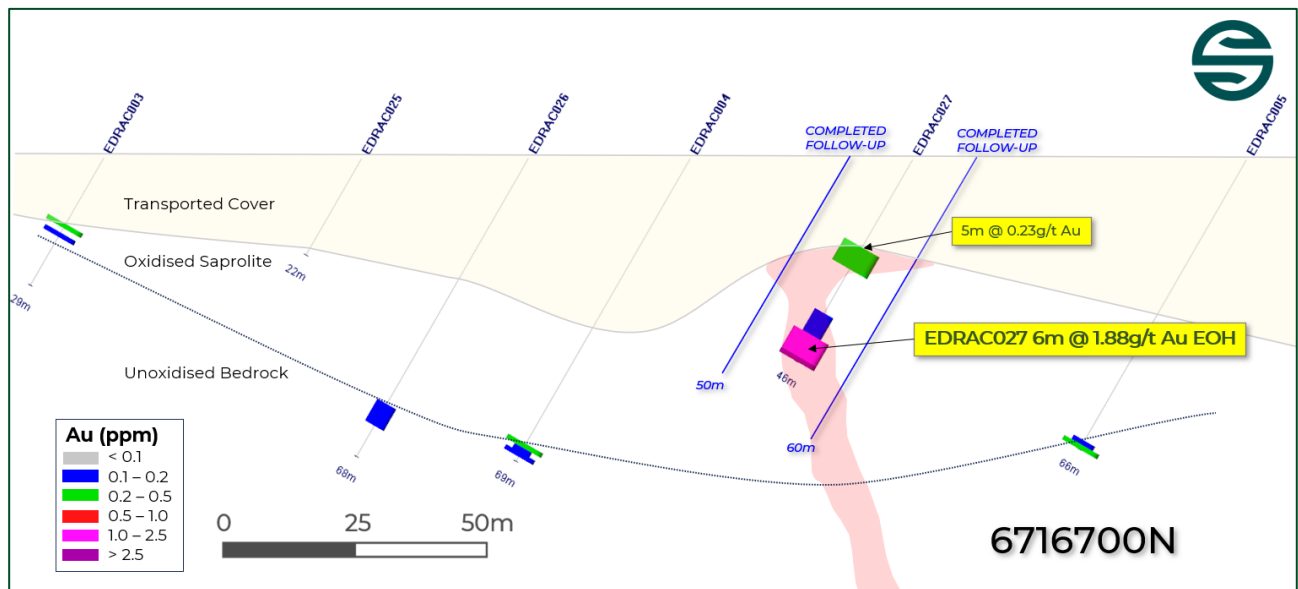


Figure 1: Eddjuna Range reconnaissance aircore section 6716700N, showing gold results in composite sampling and completed follow-up drillholes.

Importantly, the Eddjuna Range target is also the stratigraphic equivalent of the advanced **Statesman Well Gold Prospect**, located 9km to the southeast (Figure 2), which hosts numerous significant historical RC gold intercepts including **22m @ 1.14g/t Au, 10m @ 2.04g/t Au, 10m @ 1.63g/t Au, 13m @ 1.28g/t Au, 24m @ 0.81g/t Au, and 20m @ 0.73g/t Au**⁴.

It is also in a similar litho-structural setting to **Bluetooth**, some 23km to the NW (Figure 3), where Solstice's first-ever Reverse Circulation (RC) drilling has recently returned strong shallow RC drill intercepts including **36m @ 1.55g/t Au, 16m @ 1.85g/t Au and 12m @ 1.18g/t Au**⁵.

The Company looks forward to reporting on the results of continuing work along this emerging gold trend.

About the Yarri Project

The Company's carefully selected 1,650km² of exploration landholdings at Yarri are close to existing mining operations with dedicated haul roads and ore processing facilities typically within 50–100km.

The Company continues to work-up further quality gold targets, with a focus on testing positions that offer potential for 'stand-alone' scale, as well as RC drilling of proven prospects to delineate near-surface

³ ASX: SLS 28 November 2024 "Aircore Drilling Opens New Gold Trends at Yarri Project".

⁴ ASX: SLS 7 May 2024 "Strong Drill Targets at Statesman Well Gold Prospect".

⁵ ASX: SLS 6 January 2025 "36m at 1.55g/t Gold in Bluetooth RC Drilling".



mineralised material (**Figure 3**). In this infrastructure-rich area, even modest scale gold mineralisation has potential to be commercialised, as underscored by the \$10M sale of the Company's Hobbes tenement in 2024.

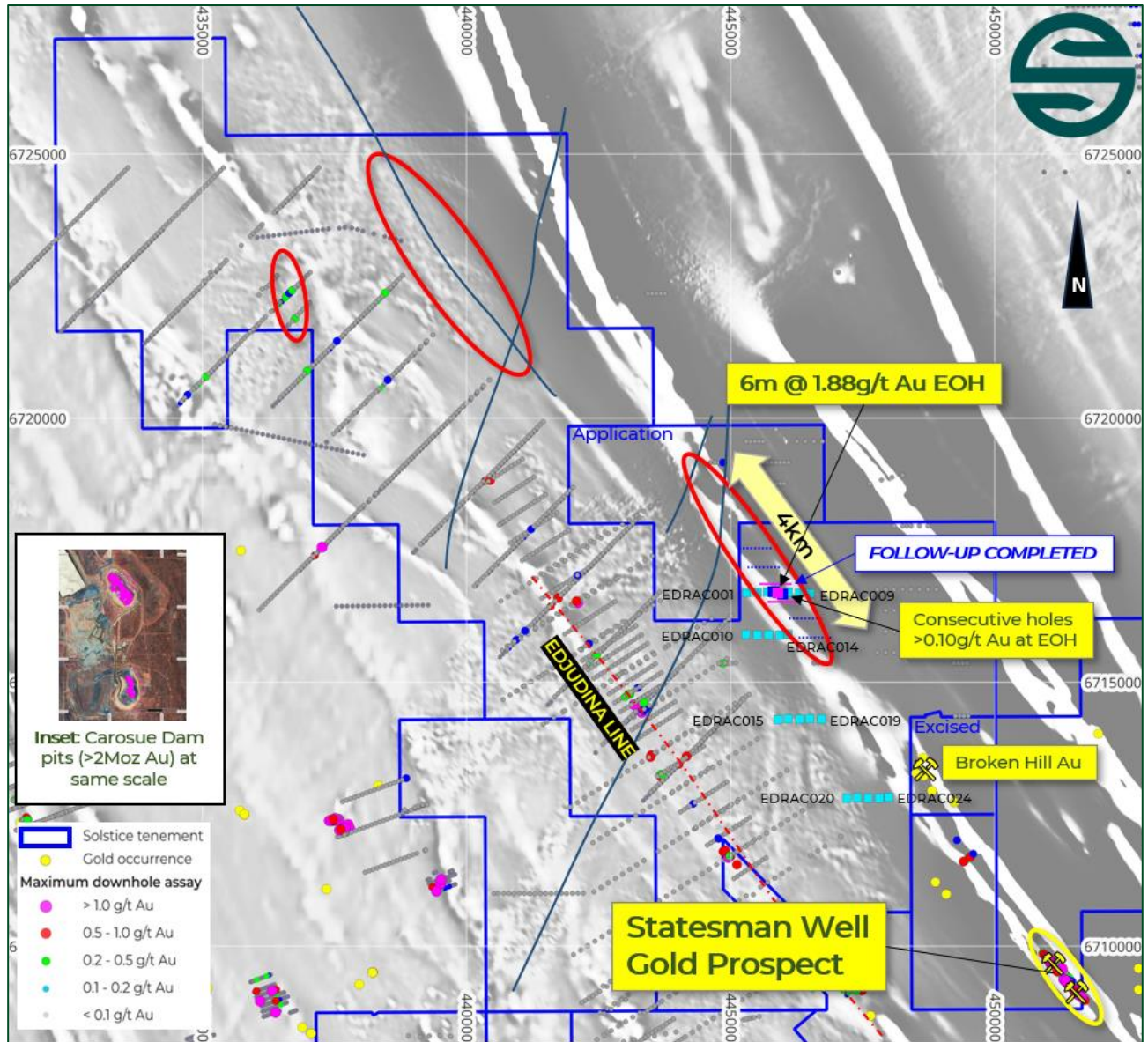


Figure 2: Edjudina Range tenement group showing Solstice's 2024 first-pass aircore drilling (light blue squares, labelled), all historical drill collars (coloured for peak downhole gold values) and exploration targets (red ovals). Background is aeromagnetic imagery.

The first-pass aircore drilling campaign is set to continue through 2025 as Exploration Licence applications are processed, and targets cleared for drilling.

With an extensive belt-scale footprint in WA's Eastern Goldfields, the Company continues to offer strong leverage to gold exploration success.

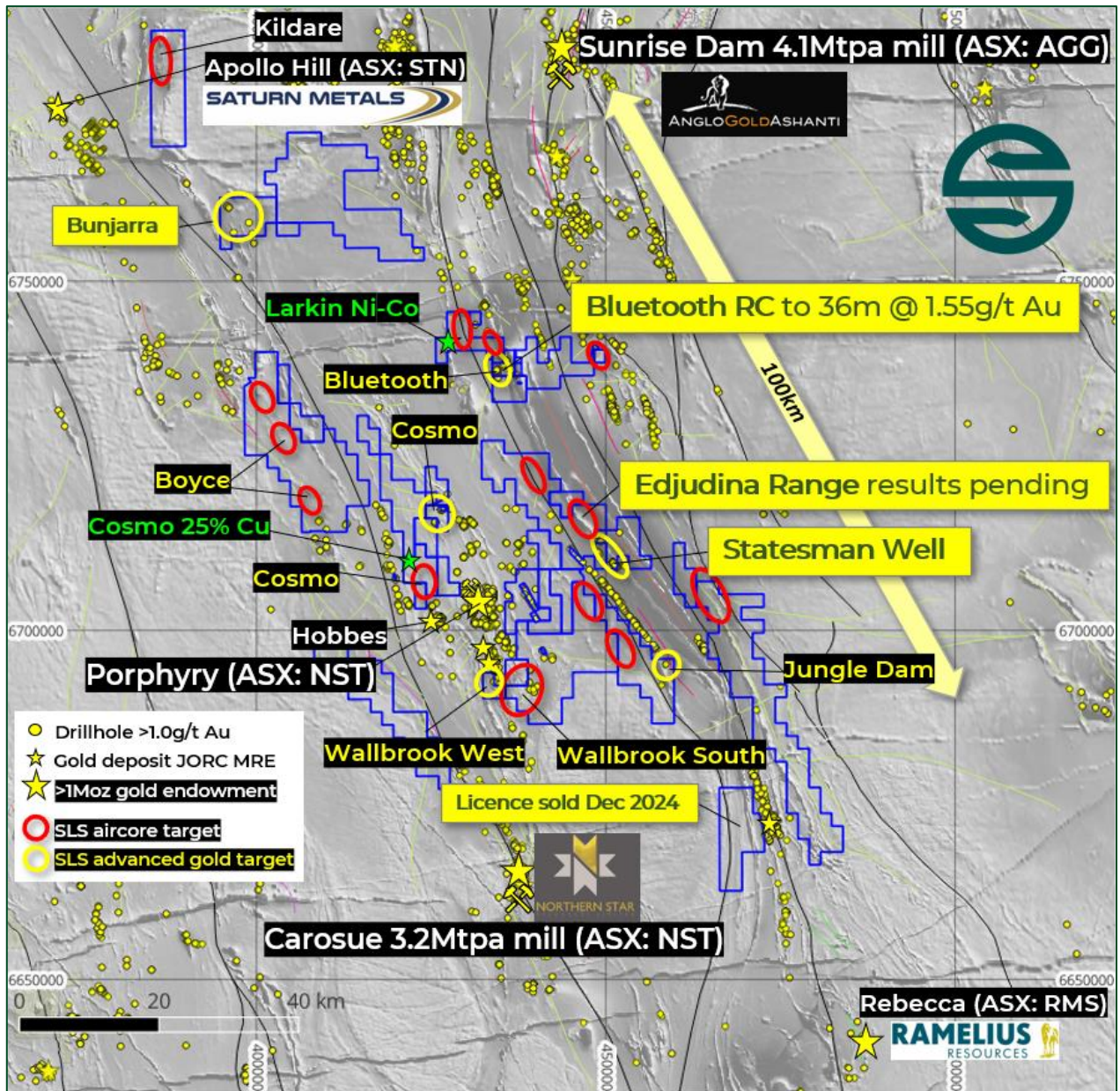


Figure 3: Solstice's Yarri Project tenement group showing the location of Edjudina Range, Statesman Well and Bluetooth targets along the same litho-structural trend. Current gold targets flagged for first-pass aircore drilling are shown as red circles and the Company's more advanced targets with existing >1g/t Au gold intercepts are shown as yellow circles.

Other Assets

The Company has assembled a strong portfolio of 100% owned projects elsewhere in WA's Goldfields, including the recently announced purchase of the advanced **Nanadie Copper-Gold Project**, where Solstice intends to build upon a robust Inferred Mineral Resource Estimate (MRE) of **40.4Mt @ 0.4% copper** and **0.1g/t gold** for 162kt of contained copper and 130koz gold⁶. The Company also holds greenfield gold and nickel exploration tenure at the **Ringlock** and **Ponton** Projects.

⁶ ASX: SLS 5 February 2025 "Solstice Secures Strategic Copper Exposure".



A robust cash position of \$15.2M as at 31 December 2024⁷ 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.

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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Compliance Statement - Previously Reported Results

The information in this announcement that relates to previously reported Exploration Results and Estimates of Mineral Resources is extracted from the ASX announcements (**Original Announcements**) dated 7 May 2024, 28 November 2024, 6 January 2025 and 5 February 2025. 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.

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 announcement.

⁷ ASX: SLS 20 January 2025 "December 2024 Quarterly Activities Report".