

RC Drilling Commences at Bluetooth Gold Prospect

Highlights

- Solstice's first ever Reverse Circulation (RC) drill program at the advanced Bluetooth Gold Prospect is now underway, testing a 1km trend of outcropping mineralisation and strong gold results in shallow historical drilling.
- Previous wide-spaced drilling has highlighted the potential to delineate valuable near-surface gold mineralisation with results including 12m @ 1.31g/t Au EOH, 15m @ 0.95g/t Au and 8m @ 1.66g/t Au¹.
- Approximately 20 shallow RC holes are planned on drill traverses spaced at 100m intervals over 900m of strike, with drilling expected to be completed this month and results reported in December.
- RC drilling marks a key step in the Company's strategy to bring forward new, commercially relevant gold prospects within its extensive Yarri Project tenure - a highly prospective and productive sector of WA's Eastern Goldfields.
- Assays from recent target-definition aircore drilling at Bunjarra are expected imminently and will assist in the design of a maiden RC drill program at this emerging Prospect.

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

"It is exciting to see the first program of shallow RC drilling get underway at Bluetooth where Solstice is looking to build on strong historical gold results along a kilometre trend of silicified cherts and ironstones. Past drilling has indicated that shallow gold mineralisation extends throughout the Prospect, and we look forward to reporting results generated by this work.

Separately, results are awaited from recent target-generation aircore drilling at our evolving Bunjarra Gold Prospect, where widespread gold at the base of oxidation shows that a mineralising system has been at work. Results will help to fine-tune locations for first-stage RC drilling of underlying fresh-rock targets".

Bluetooth RC Drilling

Solstice Minerals Limited (ASX: SLS, **Solstice**, the **Company**) is pleased to advise that Reverse Circulation (RC) drilling has commenced at the Company's advanced **Bluetooth Gold Prospect**, an area of historical drilling within the **Box Soak** tenement group, in the NE part of its extensive **Yarri Project** landholdings in WA's Eastern Goldfields.

The Prospect has been shallowly drilled in the 1990's and hosts historical drill intercepts that include **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** that

¹ Refer to ASX: SLS 8 October 2024 "Solstice Accelerates Drilling at Yarri Gold Project".



report to zones of silicified chert, ironstone and quartz veining extending over more than 1km of strike (**Figure 1**). Historical RC drilling is at 100m line-spacing, and in places with only one effective hole per drill section.

Approximately 20 shallow RC holes are planned (Figure 1) extending over 900m of strike, a program which is designed to improve the understanding of the geological controls at this Prospect. Drilling is expected to be completed in November, and analytical results reported in December.

Results will guide future infill, step-out and extensional exploration drilling at this location.

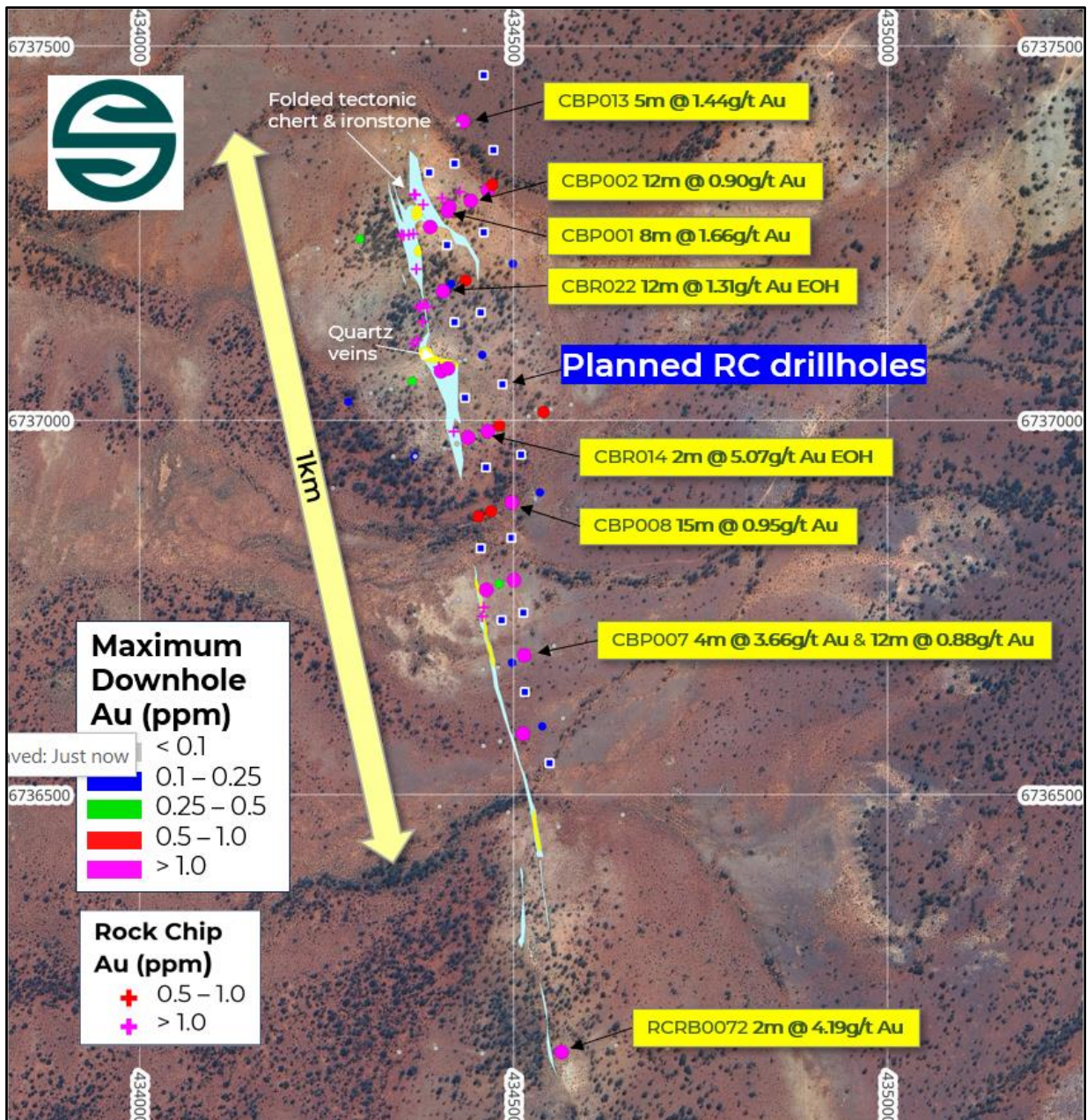


Figure 1: Bluetooth Gold Prospect showing geological trends on photo imagery and the location of planned RC drill collars (blue squares), historical RAB and RC drilling (circles coloured for peak down-hole gold values) and >0.5g/t Au rock-chip locations² (crosses).

² Refer to ASX: SLS 8 October 2024 "Solstice Accelerates Drilling at Yarri Gold Project".

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Bluetooth is located approximately 35km north of the Porphyry mining centre, and 40km south-west of AngloGold Ashanti's **Sunrise Dam** gold deposit. Gold prospectivity in the area is supported by a new 800m long trend of gold anomalism identified in Solstice's recent Box Soak aircore and recent RC and diamond drilling on competitor tenure immediately along strike to the north.

Bunjarra Aircore

Samples from recently completed aircore drilling at the Company's **Bunjarra Gold Prospect** in WA are at the laboratory and material results generated by this work will be reported in the coming weeks.

This most recent phase of drilling was designed to tighten line spacing to a drill density that will allow optimal placement and design of a maiden RC drill program at this emerging Prospect. The program comprised approximately 60 drillholes for 5,000m and completed traverses are shown in **Figure 2**.

Gold mineralisation at Bunjarra generally sits at the interface between oxidised and unoxidised bedrock, a common Goldfields geochemical setting and an indicator of proximal bedrock gold mineralisation.

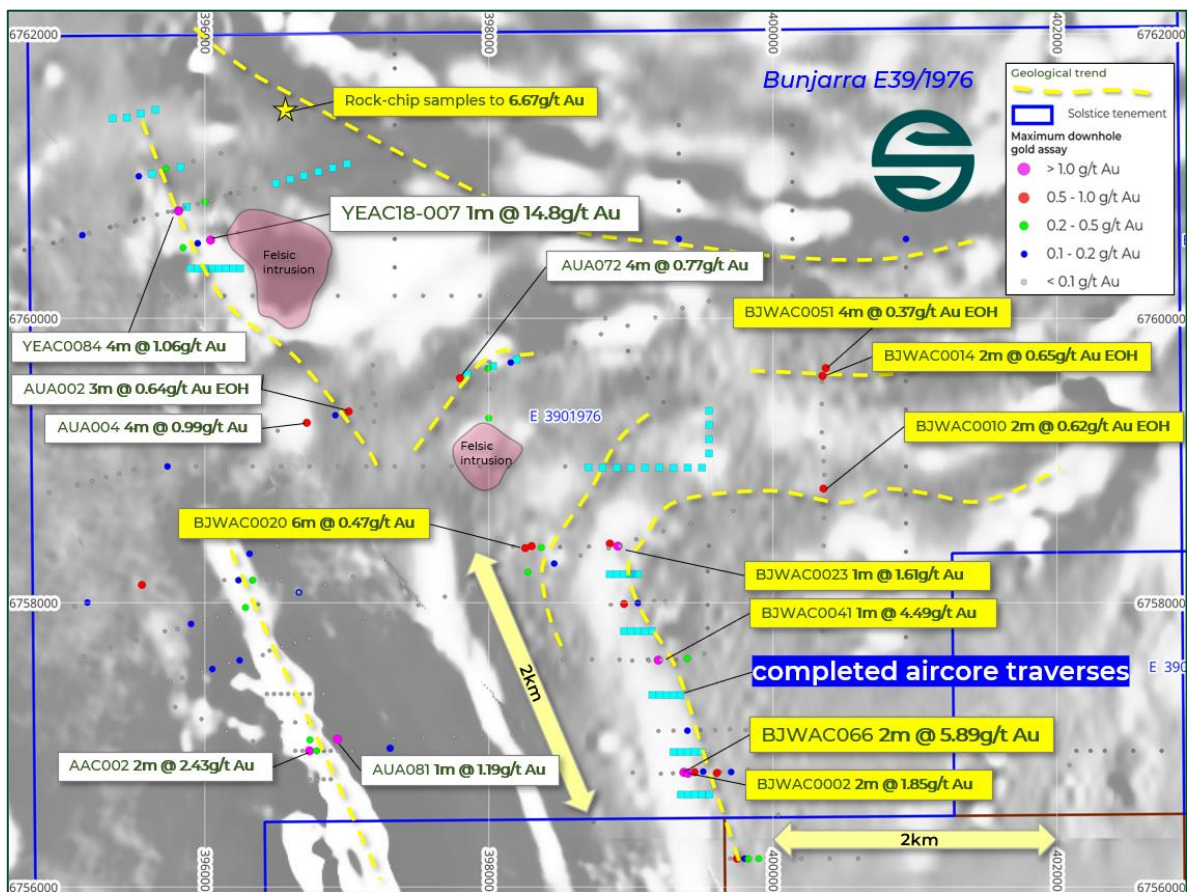


Figure 2: Bunjarra Project - recently completed aircore drilling (light blue squares), all drill collars (coloured for peak down-hole gold values), significant Solstice drilling results³ (in yellow text boxes) and historical results⁴ (white text boxes). Background is aeromagnetic imagery.

³ Refer to ASX: SLS 16 January 2024 "Solstice Readies for Drilling New High Priority Gold Targets", 9 September 2024 "Significant 10m @ 3.61g/t Gold Intercept at Bunjarra", and 28 October 2024 "Strong Progress with Yarri Programs".

⁴ Refer to ASX: SLS 28 April 2022 "Prospectus".

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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. The Licence is covered by a blanket of shallow transported alluvial material that has limited the effectiveness of previous exploration.

Forward Plan

The Company continues to work-up further quality greenfield and advanced gold targets on its 1,730 square kilometres of Yarri Project tenure (**Figure 3**), with a focus on testing and advancing targets that offer potential for 'stand-alone' scale. The current RC drilling campaign is consistent with Company's strategy to bring forward new, commercially relevant gold prospects within its extensive tenure footprint in this highly prospective and productive part of WA's Eastern Goldfields.

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

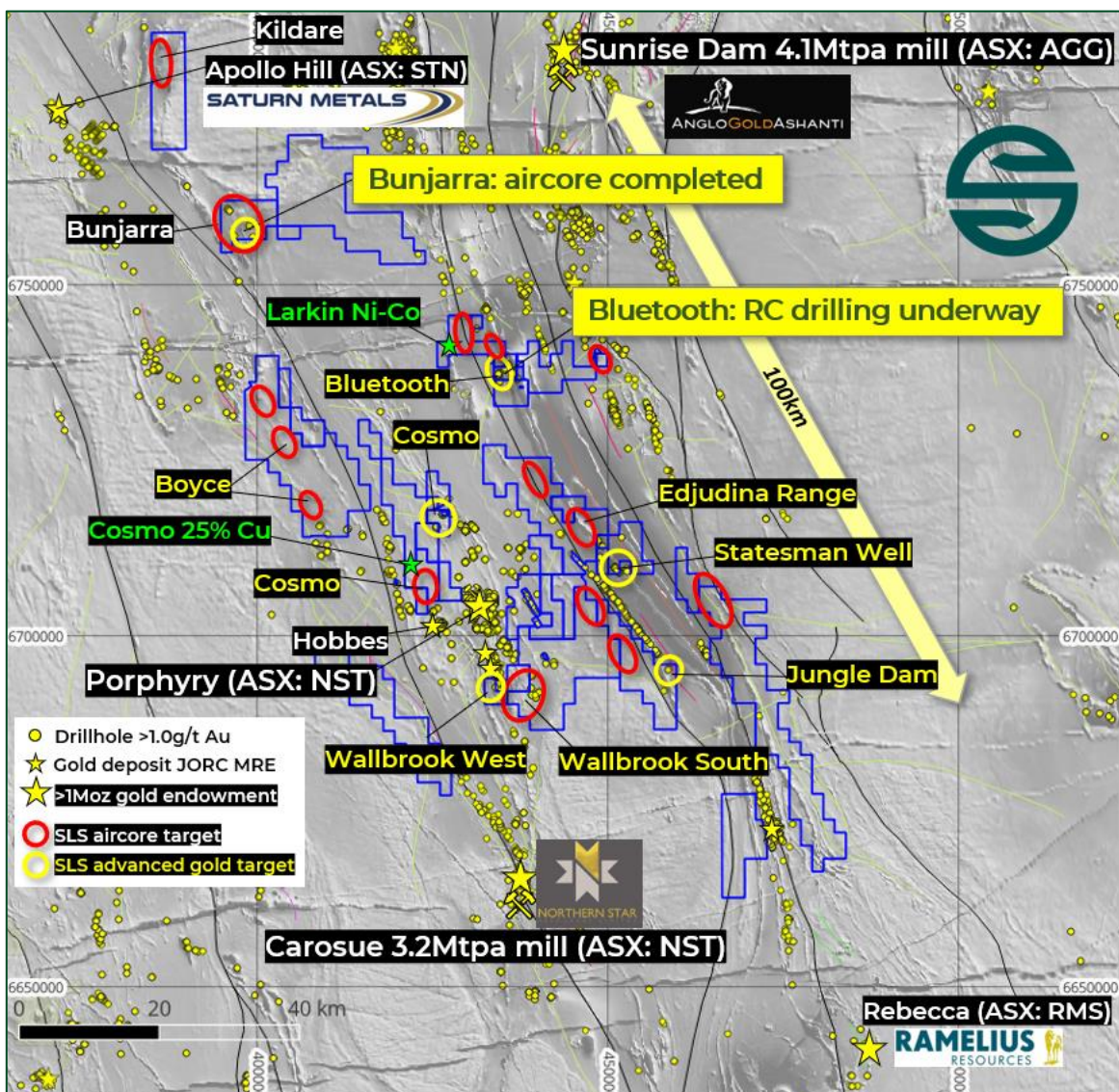


Figure 3: Solstice's Yarri Project tenement group showing the location of Edjudina Range and Cosmo target areas, Bluetooth and Bunjarra, and all gold targets flagged for aircore drilling (red circles). The Company's more advanced Au targets with existing >1g/t Au gold intercepts are shown as yellow circles.

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About the Yarri Project

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

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.

A robust cash position of \$15.8 million (at 30 September 2024) provides Solstice with excellent flexibility to advance and quantify opportunities for organic growth via the drill bit, or expand its asset base beyond its current Projects. 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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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.

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Compliance Statement - Previously Reported Results

The information in this announcement that relates to previously reported Exploration Results is extracted from the ASX announcements (**Original Announcements**) date 28 April 2022, 16 January 2024, 9 September 2024, 8 October



2024 and 28 October 2024. 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.

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