SOLSTICE

MINERALS LTD
ASX: SLS

Cashed up, hunting gold and copper

February 2025

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The information in this presentation that relates to Exploration Results and Estimates of Mineral Resources is extracted from the ASX announcements dated 28 April 2022, 14 July 2022, 10 March 2023, 10 October 2023, 16 January 2024, 7 May 2024, 9 September 2024, 8 October 2024, 28 October 2024, 28 November 2024, 6 January 2025 and 5 February 2025, (Original Announcements), as referenced, which in the case of Solstice announcements are available at 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.

Experienced WA explorer, well-funded and growth ready.

Exploring a large, carefully - assembled ground holding in the heart of **West Australia's Goldfields**

RC drilling advanced gold prospects **H1 2025**, aircore continues

100% Nanadie Cu-Au Project - 162,000t copper and 130,000oz gold Mineral Resource (MRE)[1]

Capital flexibility of **$14.2M** cash for exploration and corporate development opportunities

Board and management team with **~$2bn in cumulative past transactions,** technical and capital markets expertise

1. ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

Corporate Overview

ASX SLS	**103.3M**[1] Shares on issue	**A$16.5M** Market Cap at 16c	**A$14.2M**[1] **Cash** (as at 31 Dec 2024, unaudited)	**$0** Debt	**A$0.14c** per share cash
14.7M Listed 20c Options	**16.2M** Unlisted 29c Options	**3.7M** Performance Rights			

Board & Associates	Precision Opportunities Fund	Nero Resource Fund	Tim Goyder Entities	Top 20
6.9%	9.9%	6.7%	2.6%	48.0%

1. Capital structure incorporating acquisition of the Nanadie Copper-Gold Project see ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'. Shareholder information stated prior to completion of the acquisition.

Experienced board and management team

Matthew Yates
Non-Executive Chairman

+35 years (Geologist) Former Executive Chairman and former CEO & MD of OreCorp Limited, former MD of OmegaCorp and Joint MD of Mantra Resources

Nick Castleden
Managing Director and CEO

+25 years (Geologist) Former MD Apollo Consolidated Ltd, extensive industry experience with LionOre, MPI, Perilya Mines, MIM

Michael Emery
Non-Executive Director

Mining Engineer with MBA, former resources analyst, +15yrs in resource and capital markets

Alastair Morrison
Non-Executive Director

+30 years (Geologist) Former Exploration Manager of East African Gold Mines, last 18 years as analyst & portfolio manager

Silfia Morton/James Doyle
Joint Company Secretaries

Corporate and capital markets advisory experience as well as past accounting and senior audit management roles

Dr Mark Alvin
Exploration Manager

+25 years (Geologist) Experienced explorationist, formerly with Rio Tinto, Nyrstar, Strandline & MRG Metals

Exploration Team

Small team of experienced in-house geological staff, and access to highly credentialed consultants

Deal active.

Strategic tenure sales ($10M Hobbes sale 2024) maintains a strong cash position

Excellent foundation to acquire projects to complement the current Yarri gold tenure

Flexibility to act on commercial opportunities such as **Nanadie** to add shareholder value

Board and Management with history of corporate results:

- Matt Yates – ASX: OreCorp – **$270m takeover**, ASX: Mantra Resources – **$1.02b takeover** 2010, and ASX: OmegaCorp - **$200m takeover** 2007.
- Nick Castleden – ASX: Apollo Consolidated - **$181m takeover** 2021
- Alastair Morrison – East African Gold Mines Ltd - **US$252m takeover** by Placer Dome 2003

Eastern Goldfields.

Significant **100% owned** >**2,200km²** footprint in a renowned metals terrain within **150km of Kalgoorlie**

Solstice technical team has deep local experience - data-led target generation and 'boots on ground' validation, with **focus on new gold discovery**

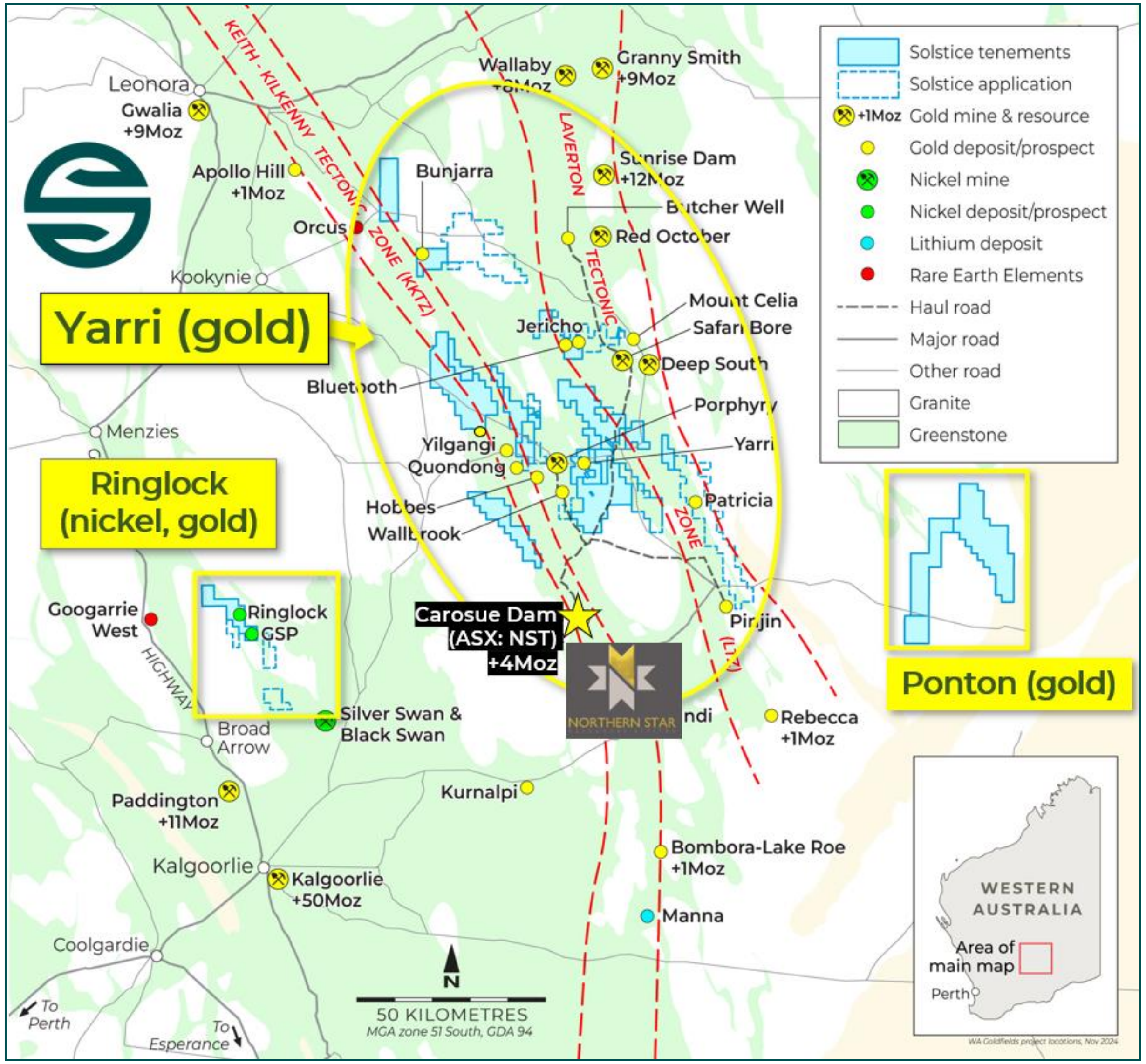
Yarri offers compelling mix of **drill-ready gold prospects** and **high-impact greenfield targets**

Key player around >4Moz Carosue Dam-Porphyry gold hub (Northern Star ASX: NST)

Strong financial capacity and skills to pursue **growth opportunities** in the area

Ponton - new-frontier gold exploration opportunity

Ringlock Dam – greenfield gold potential plus high-grade nickel prospects



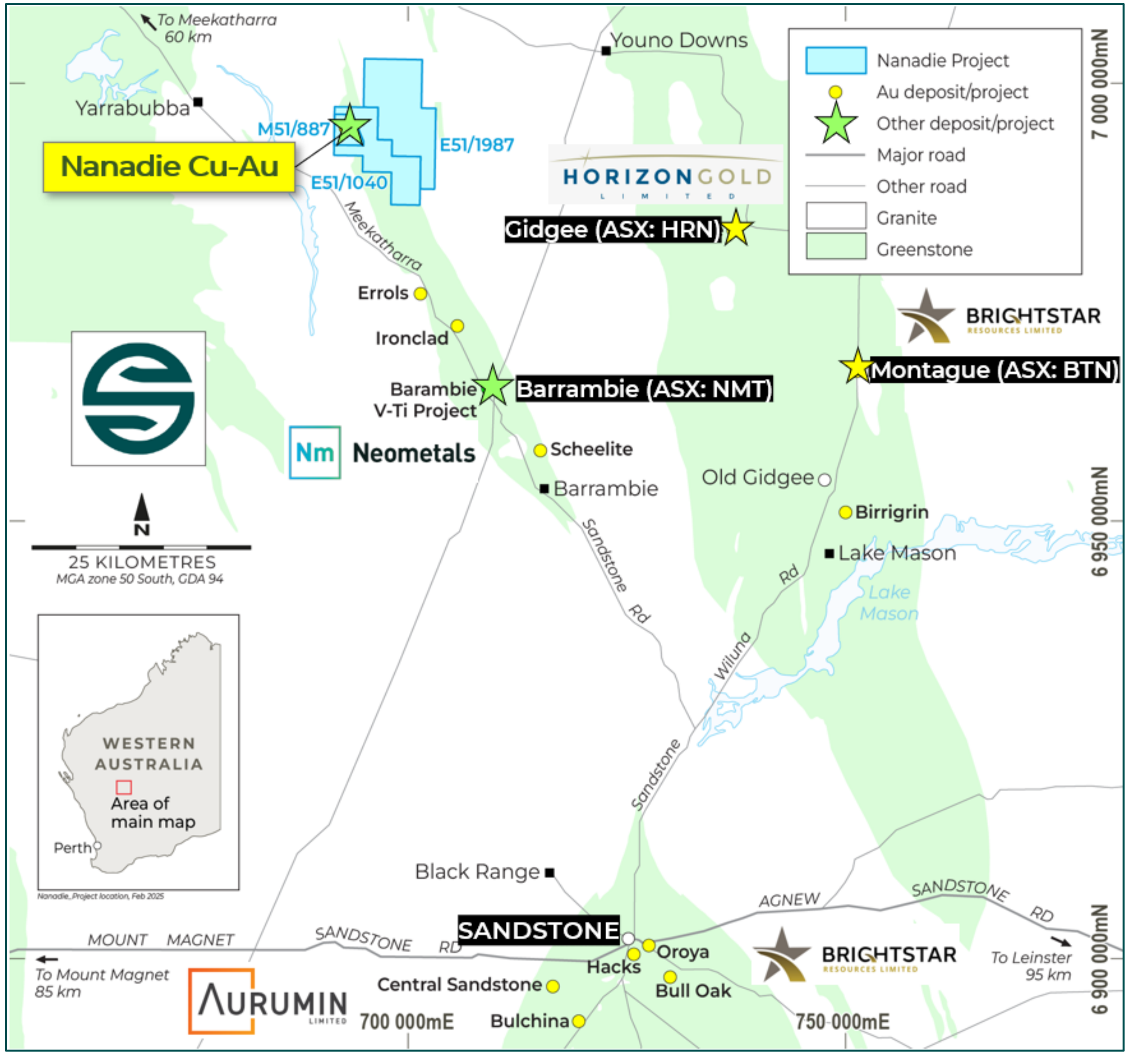
Murchison.

100% owned[1] **162,000t copper and 130,000oz gold** Mineral Resource (MRE)[1] at **Nanadie**

Nanadie offers **strong MRE expansion upside** plus exciting step-out exploration potential

Strategic copper exposure on **granted Mining Lease** in stable and proven mining friendly jurisdiction

Copper has an excellent long-term supply-demand outlook and **quality growth assets are rare**



1. At completion of Nanadie acquisition ASX: SLS 5 February 2025 ‘Solstice Secures Strategic Copper Exposure’.

Yarri Project.

High quality gold targets in a proven terrain.

Yarri Project.

150km strike of prime gold exploration tenure.

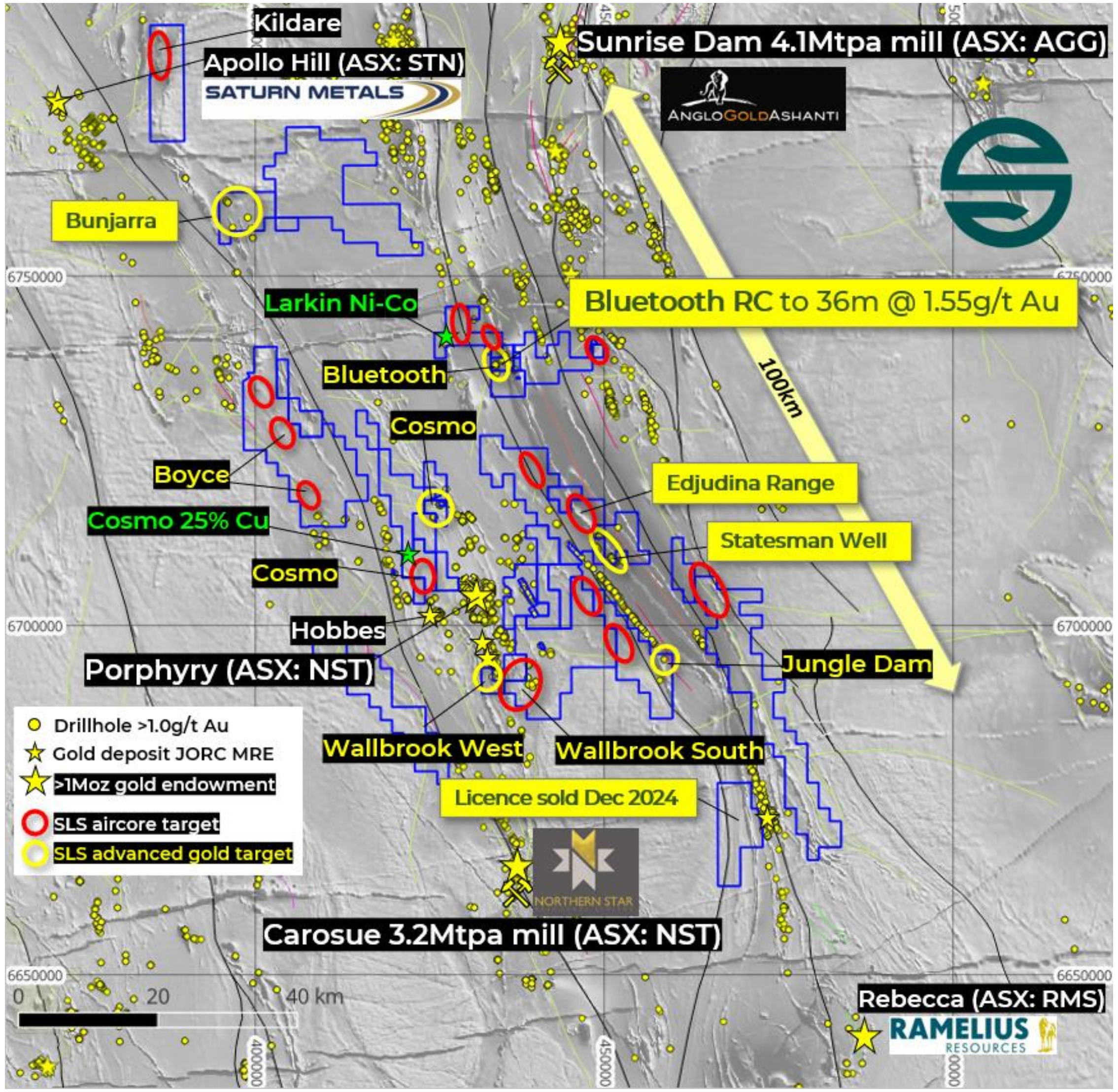
Pipeline of **advanced gold prospects** and new **kilometre-scale UNDRILLED targets**

Advanced prospects prioritised for **RC drilling in coming months**

Ongoing first-pass aircore drilling through cover = a fast and cost-efficient **pathway to new gold discovery**

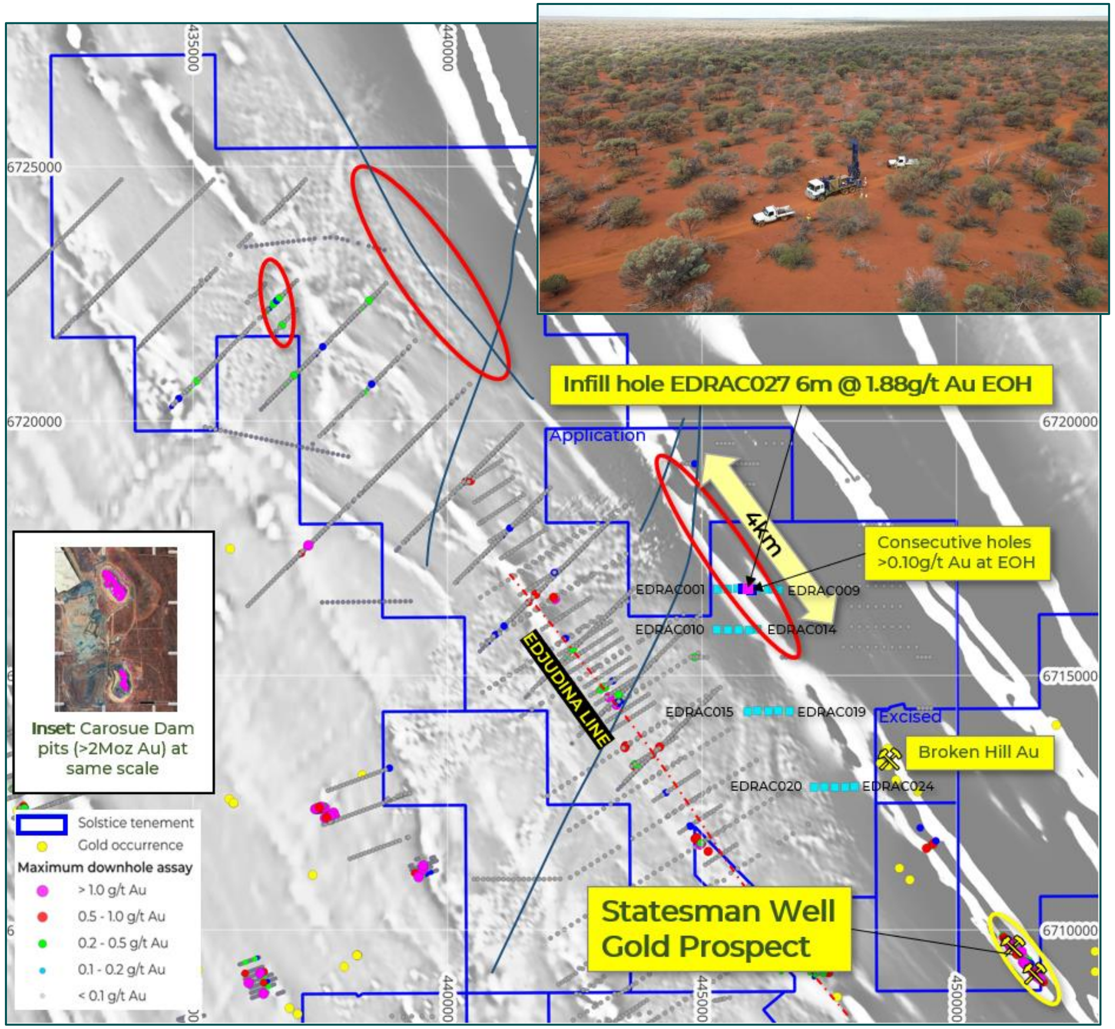
Strategic tenure acquisition opens exciting new targets

$10m sale of **Hobbes** to **Northern Star**[1] demonstrates that **new discoveries are well placed for commercial outcomes** in an active gold camp



1. ASX: SLS 16 April 2024 '$10m Received Following Hobbes Sale '.

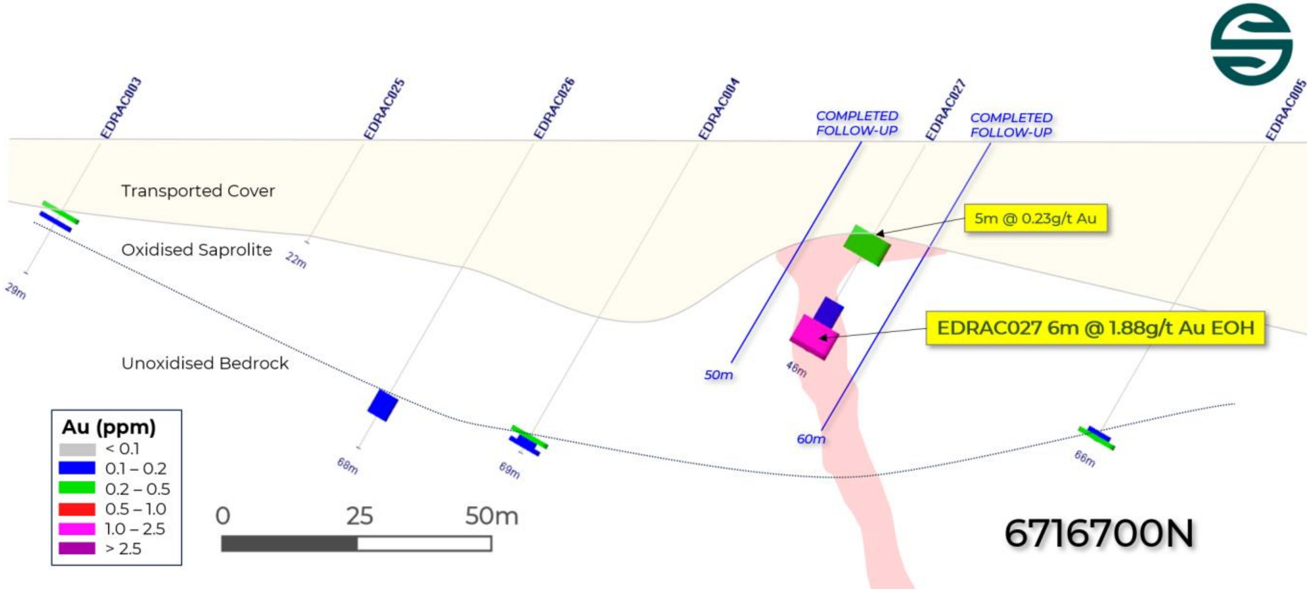
Greenfield Gold Target.



Edjudina Range.

On regional **Statesman Well** to **Bluetooth** trend, strike-extensive gold prospect untested for >4km below shallow cover.

First-ever aircore drilling delivers **6m @ 1.88g/t Au EOH** drill hit, ending in altered rocks and quartz veining, **results of follow-up drilling pending**



1. For historical Max downhole gold drilling refer to WA DMIRS/Data and Software Centre/Statewide spatial datasets/Maximum grade in-hole drilling data 29 Sept 2021,
2. ASX: SLS 28 October 2024 ‘Strong Progress with Yarri Programs’.
3. ASX: SLS 28 November 2024 ‘Aircore Drilling Opens New Gold Trends at Yarri Project’

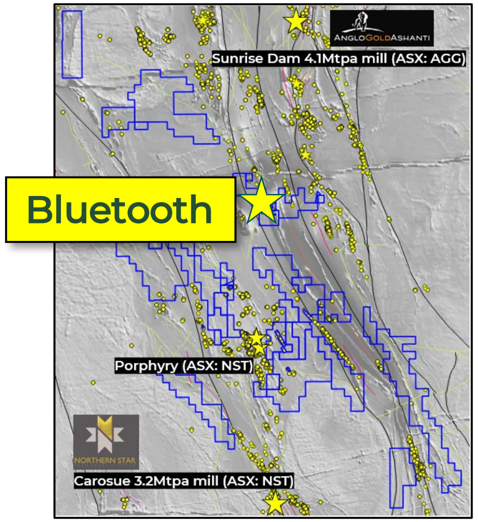
Advanced Gold Targets.

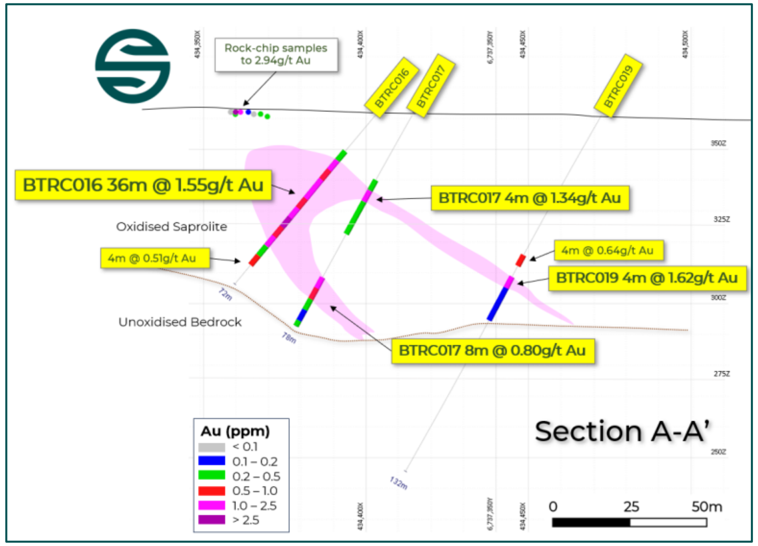
Bluetooth.

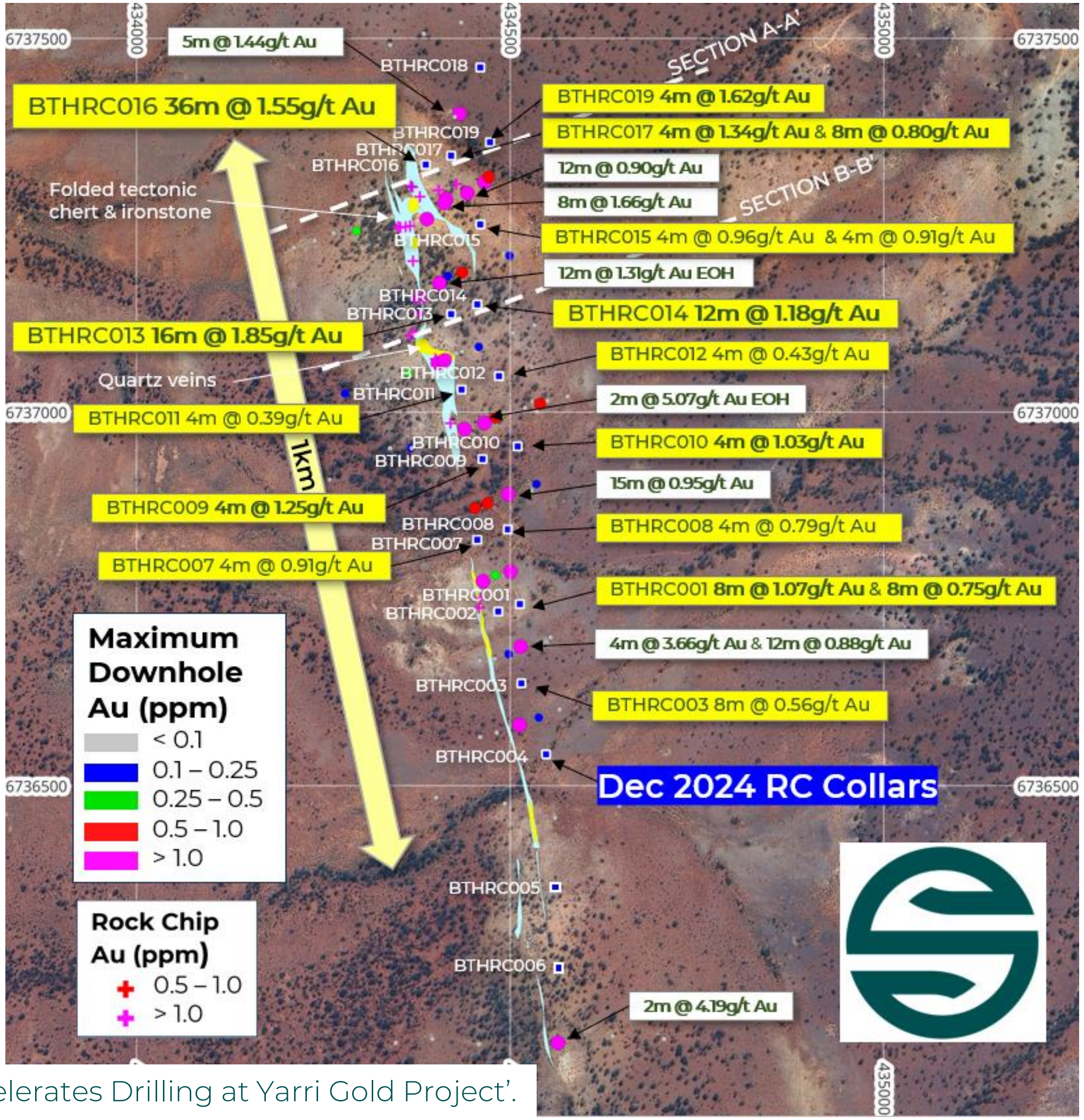
Solstice's first RC program **36m @ 1.55g/t Au**, **16m @ 1.85g/t Au**, and **12m @ 1.18g/t Au**[1]

Widespread shallow +1g/t gold hits over 900m strike[1]

Exciting shallow infill targets, **ready for further RC H1 2025**







1.ASX: SLS 6 January 2025 '36m @ 1.55gpt Gold at Bluetooth' and 8 October 2024 'Solstice Accelerates Drilling at Yarri Gold Project'.

Advanced Gold Targets.

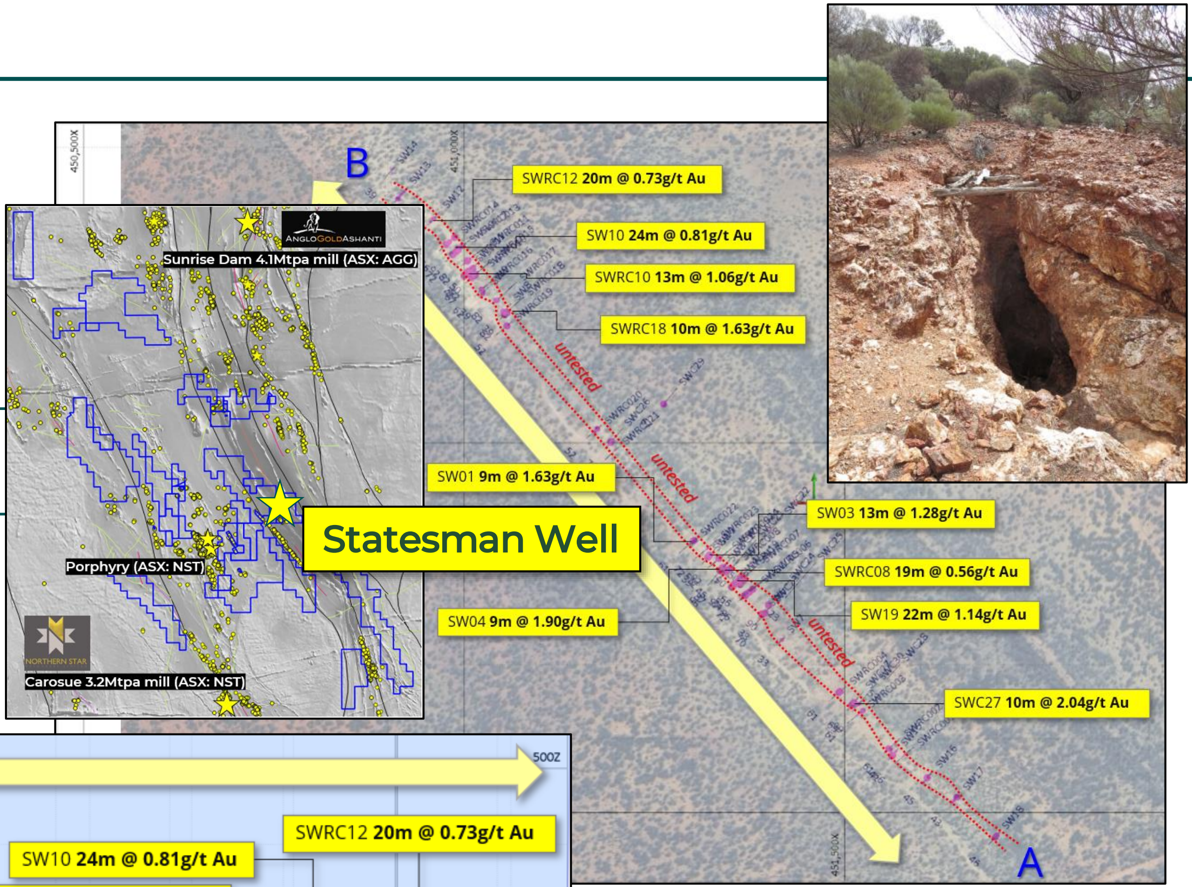
Statesman Well.

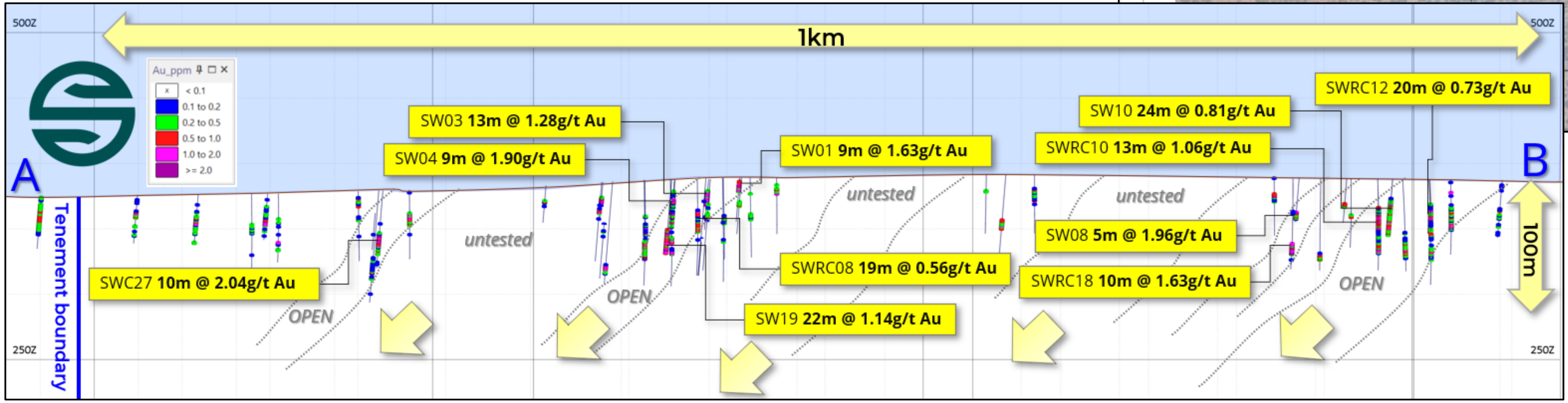
Multiple 10-20m wide +1g/t gold intercepts in historical drilling[1]

1km long zone of BIF hosted gold anomalism and workings

Open south-plunging shoots[2] and untested panels

Clearances and approvals in place for **RC drilling early 2025**





1. Refer to WA DMIRS/Data & Software Centre/ Statewide spatial datasets/Maximum grade in-hole drilling data 29 Sept 2021
2. ASX: SLS 7 May 2024 ‘Strong Drill Targets Take Shape at Statesman Well Gold Prospect’.

Greenfield Gold Targets.

Bunjarra.

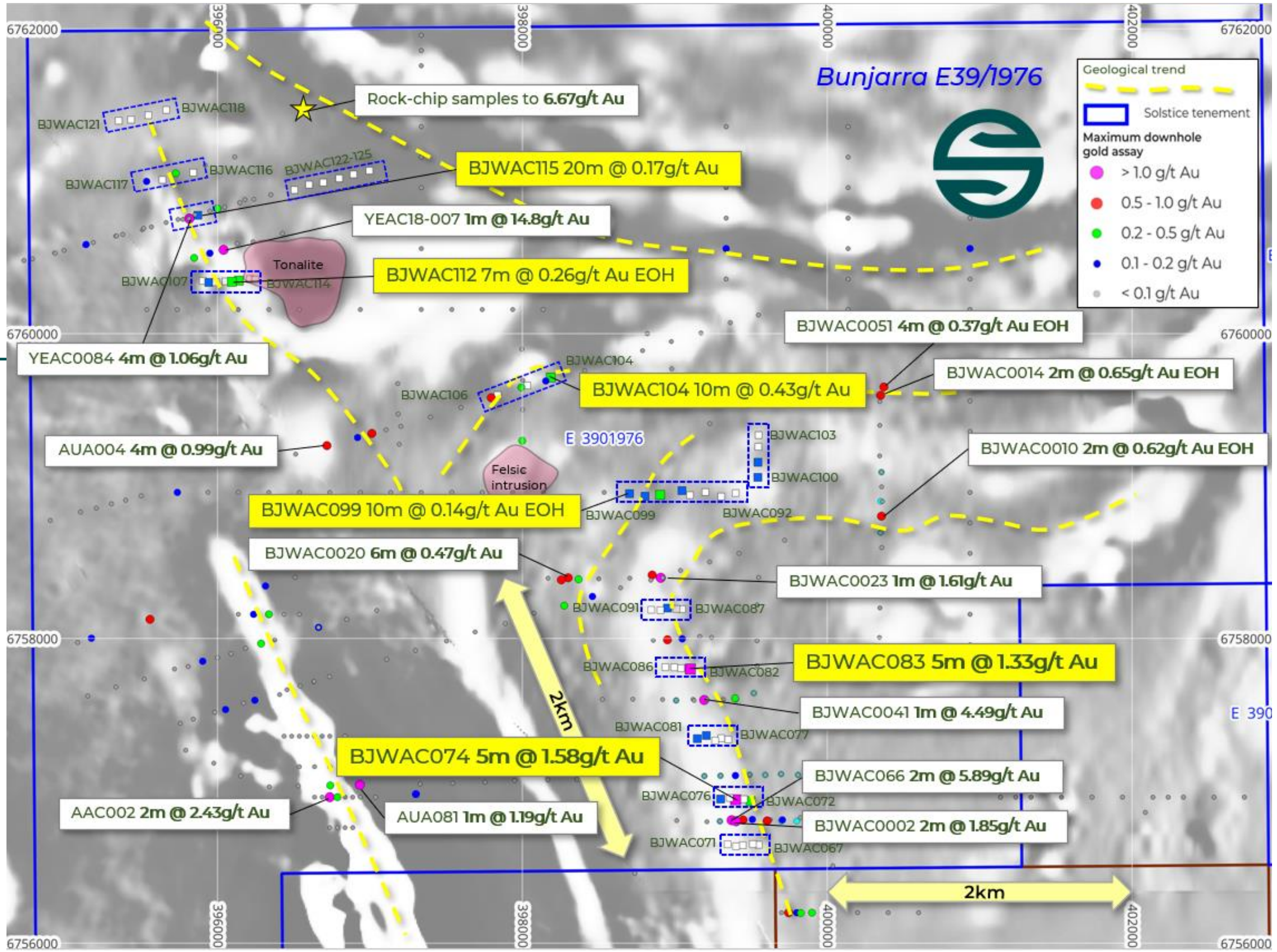
Series of >1km targets under shallow alluvial cover, supported by **widespread EOH gold anomalism** in historical holes and three stages of aircore drilling[1,2,3,4,5]

Wide-spaced aircore drilling 2023 and 2024 identified multiple new mineralised positions below shallow cover

Altered EOH samples below leached weathering profiles; gold at interface between oxidised and unoxidised bedrock

Recent aircore programs have enhanced RC targeting

Candidate for **first RC testing H1 2025**

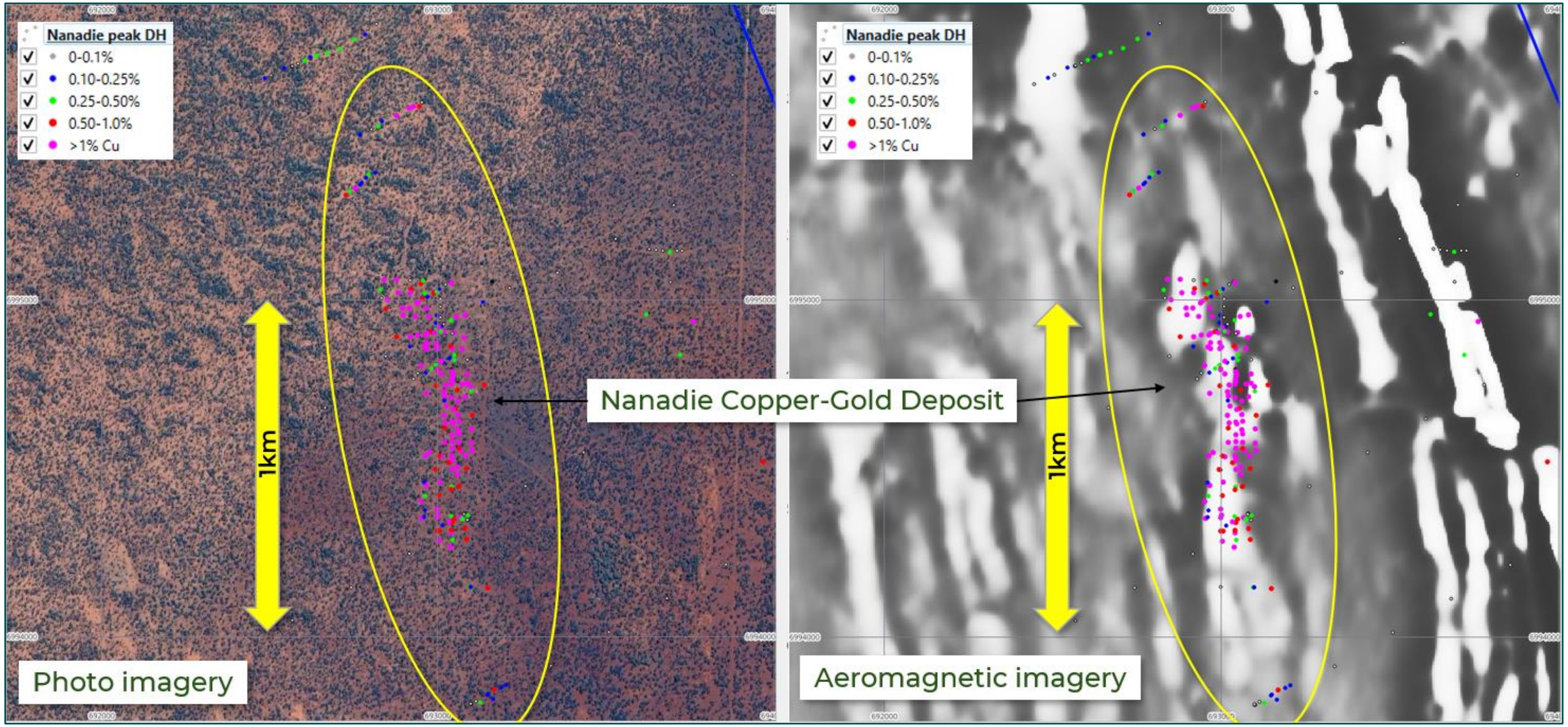


1. ASX: SLS 28 April 2022 'Prospectus'.
2. ASX: SLS 10 October 2023 'Greenfield Gold Drilling Identifies New Gold Prospects at Bunjarra'.
3. ASX: SLS 16 January 2024 'Solstice Readies for Drilling New High Priority Gold Targets'
4. ASX: SLS 8 October 2024 'Solstice Accelerates Drilling at Yarri Gold Project'.
5. ASX: SLS 28 November 2024 'Aircore Drilling Opens new Gold Trends at Yarri Project'

Nanadie Project.
Copper-gold metal bank & growth targets.

Nanadie.

100% owned[1] 162,000t copper and 130,000oz gold Mineral Resource (MRE)[1] .



Advanced copper-gold deposit on **granted** Mining Lease & 130km^2 tenure

Significant **MRE expansion** targets, **grade potential**

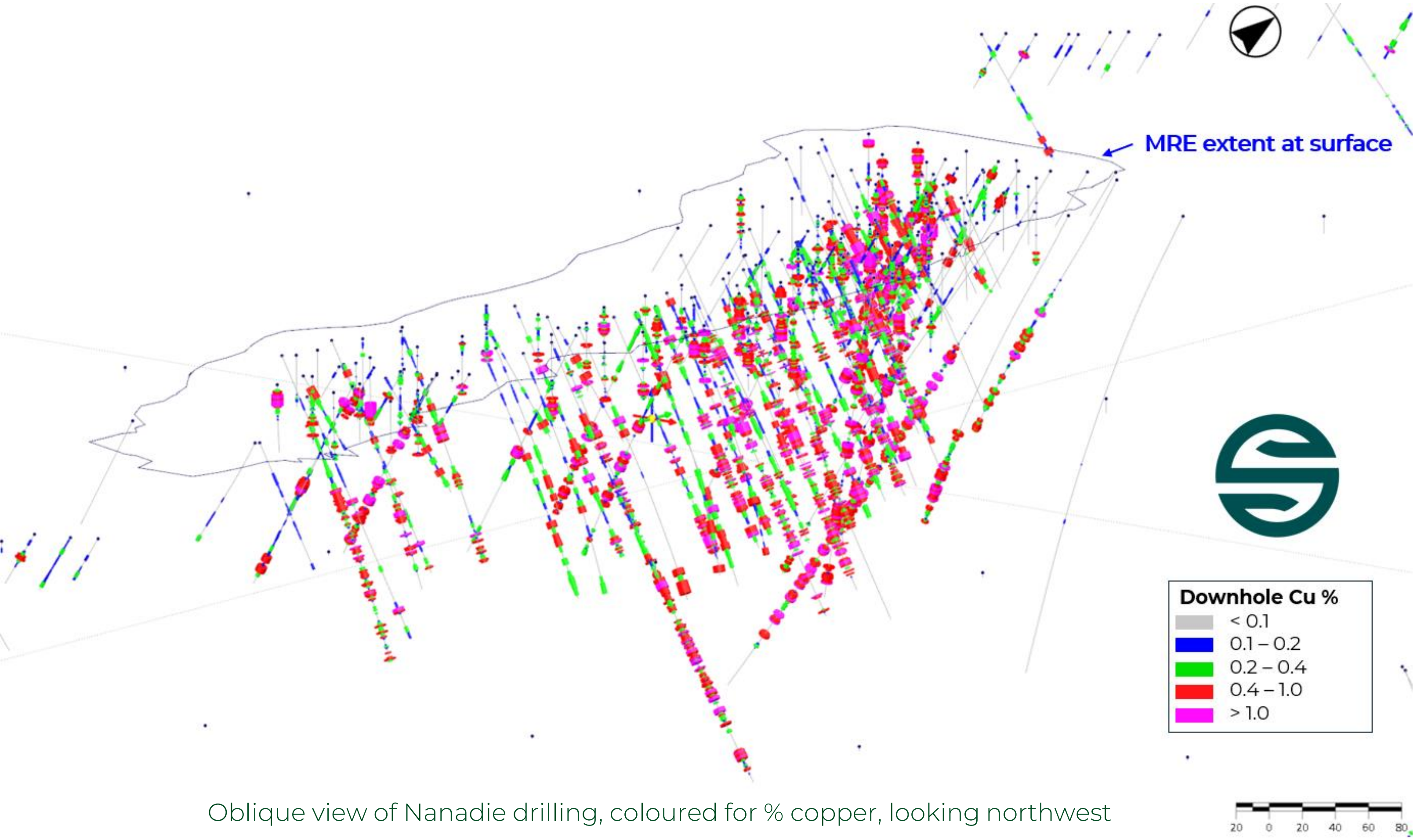
Strike extension and lateral targets to explore below shallow cover

Magmatic mafic intrusive - hosted disseminated and vein sulphide system

Tier 1 location and jurisdiction

1. At completion of Nanadie acquisition ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

Nanadie.



Oblique view of Nanadie drilling, coloured for % copper, looking northwest

Unconstrained systems are rare

Significant high-grade (>1% Cu, ~0.4g/t Au) component

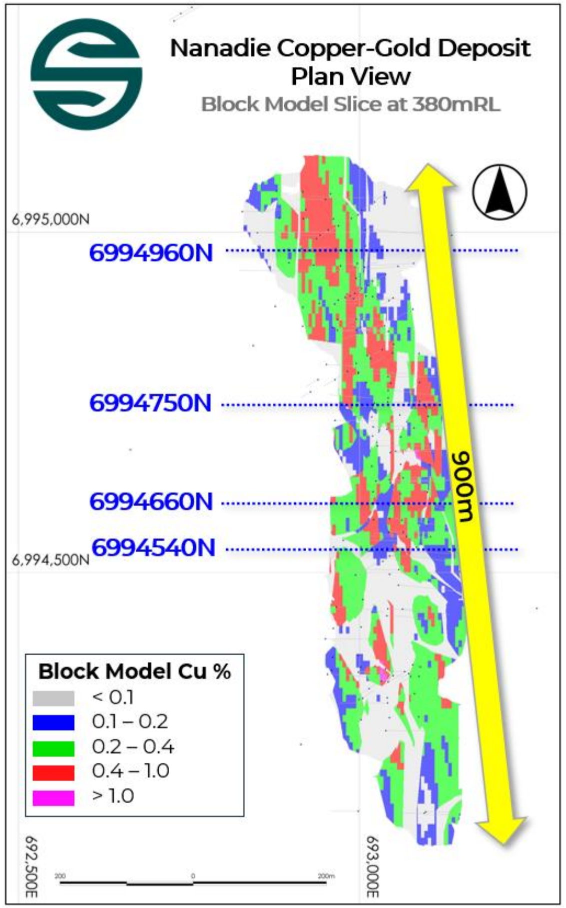
2025 drill program will target grade and MRE extension opportunities

Historical hole NWD2004 82.1m-88m, within 10.2m @ 2.61% Cu, 2.06g/t Au from 77.8m[1].

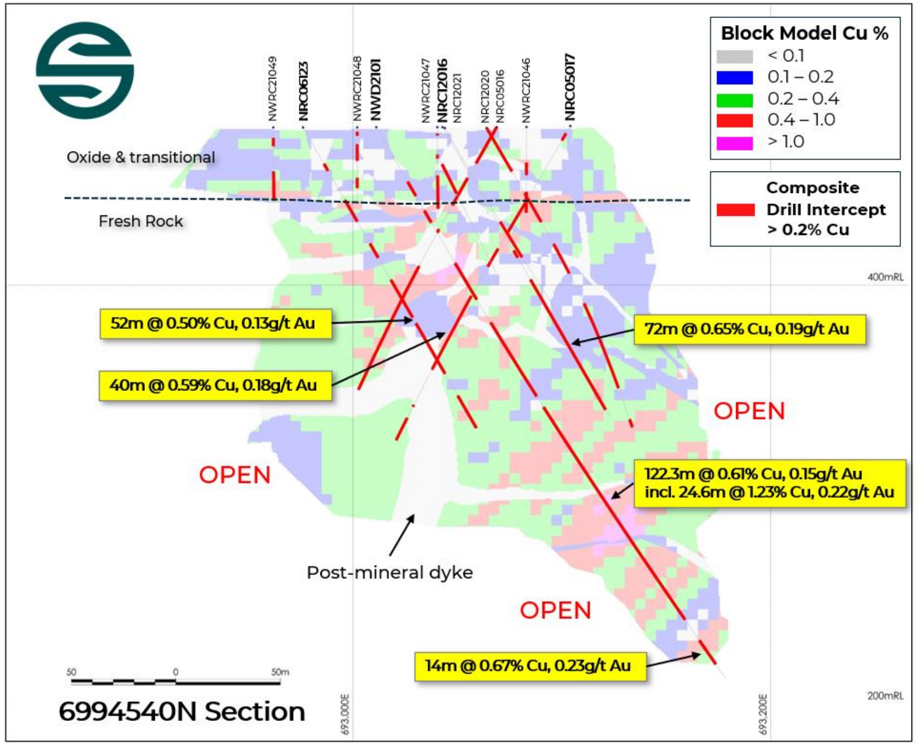
1. ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

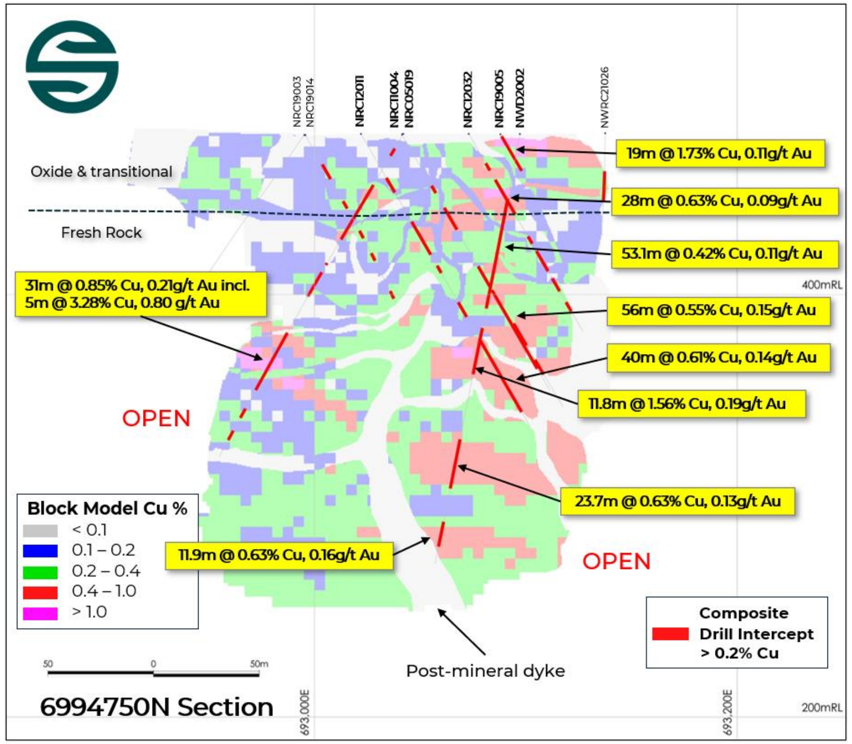
Nanadie.

Inferred MRE of 40.4Mt @ 0.4% copper and 0.1g/t gold for 162kt of contained copper and 130koz gold[1].



Open and unconstrained. Strong intercepts over zone 900m long and up to 150m wide, geometry suitable for open-pit mining. Significant >1% Cu component



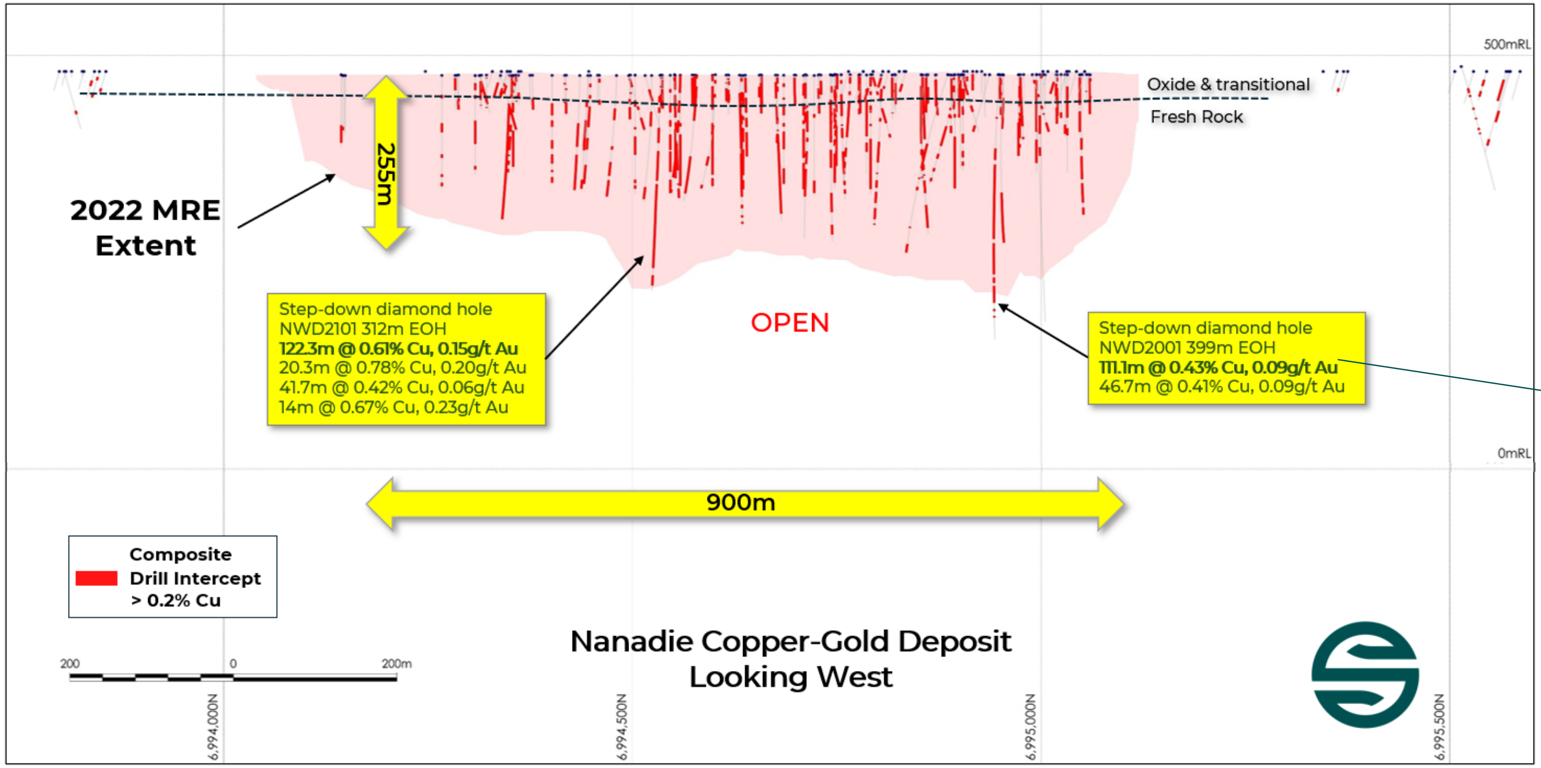


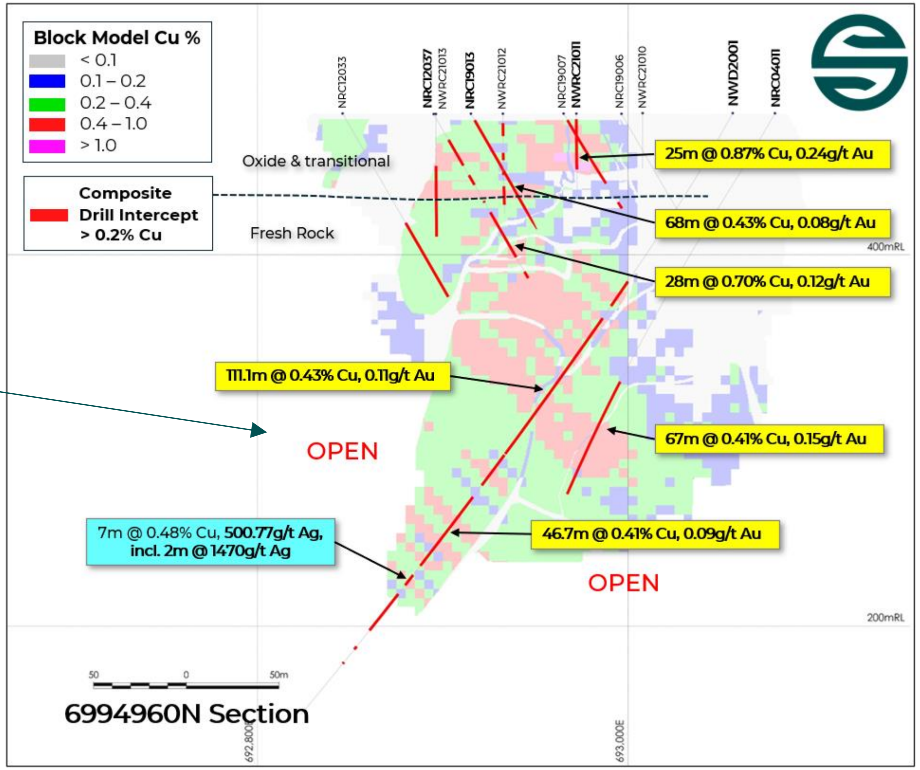
1. ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

Nanadie.

Shallowly-drilled system - only 20 holes >200m depth[1], no holes >400m depth. Deepest holes are strongly mineralised

Chalcopyrite dominant sulphides (90% of MRE) offers potential conventional floatation pathway. No deleterious elements





1. ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

Near term news flow and upcoming catalysts.

- **H1 2025 RC** drilling of **advanced Bluetooth** and **Statesman Well** prospects
- Aircore **assays pending** prime soil-covered **Edjudina Range** gold target
- Design and first drilling at exciting **Nanadie** copper-gold MRE extension targets
- **~$14.1M[1] cash allows fast, non-dilutive operational flexibility**
- **Ongoing review and assessment of new corporate development opportunities**

1. At completion of Nanadie acquisition ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

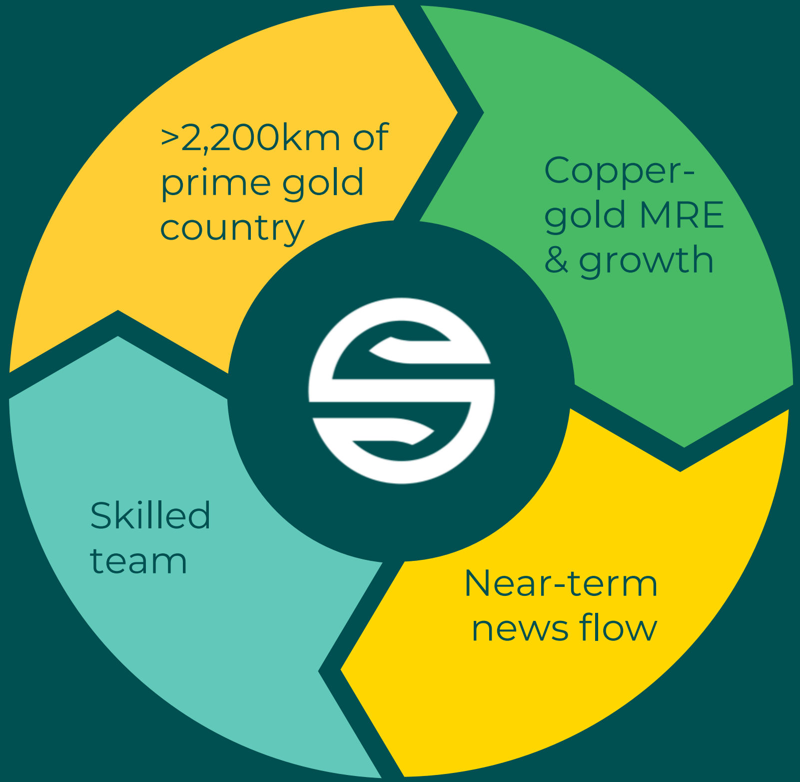
The Solstice Opportunity

Valuable highly-prospective landholdings - live gold and copper-gold targets in prime WA Goldfields

Ongoing drilling activity - RC pending, aircore assays pending, new targets taking shape

Cash supported share price – leverage to exploration success and commercial outcomes

Experienced team and backers - history of quality project selection and corporate results



Additional Slides.

Yarri Greenfield Gold Targets.

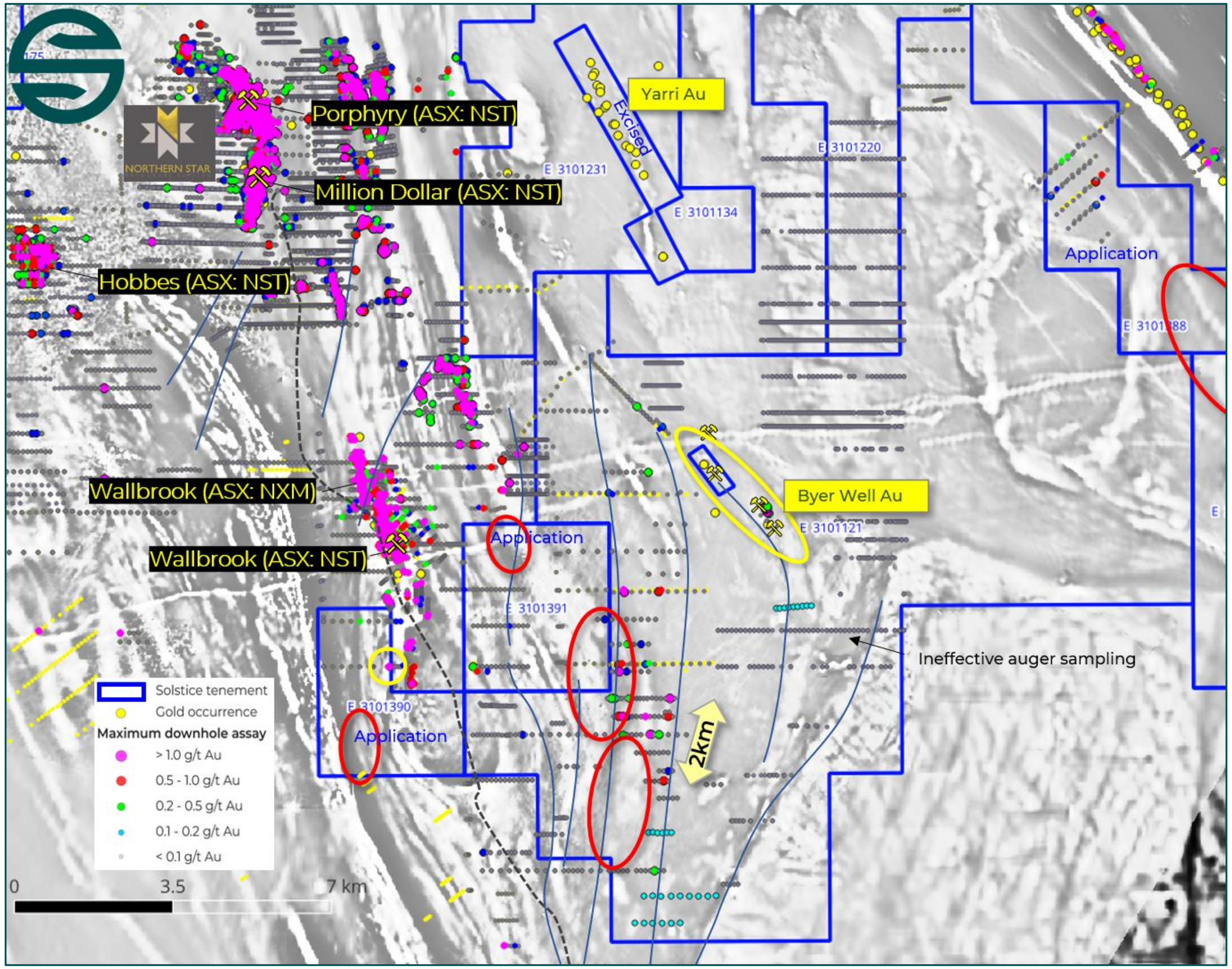
Wallbrook South.

Large landholding in a **gold rich structural setting** south of key **Porphyry-Wallbrook trend**, widespread alluvial cover

Strong N and NE structures only partly-tested by past aircore drilling and 2024 reconnaissance lines

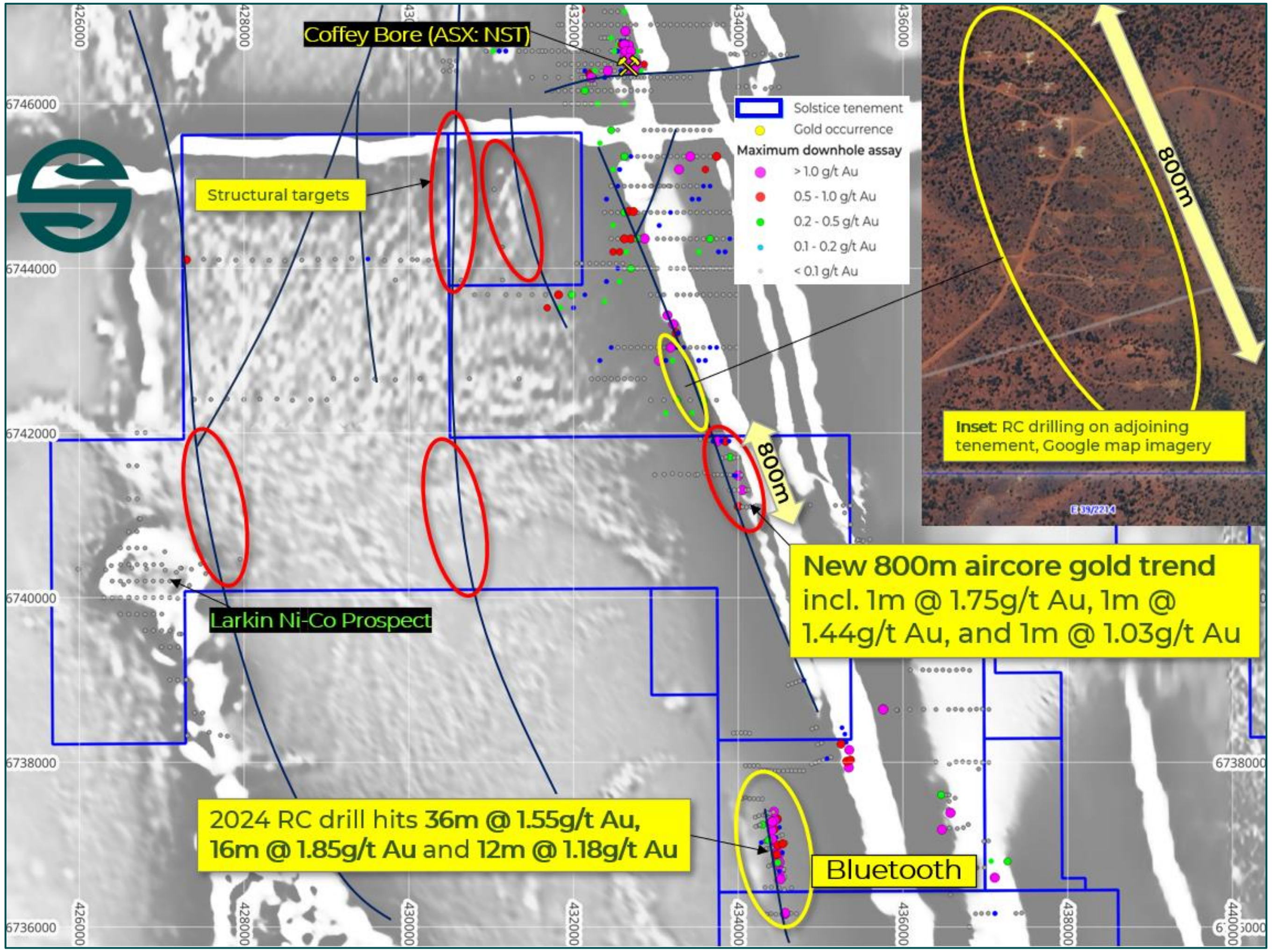
Widespread **+1g/t gold intercepts** in historical drilling[1], piecemeal exploration history

Next tier of greenfield structural gold targets in preparation for aircore drilling



1. For historical Max downhole gold drilling refer to WA DMIRS/Data and Software Centre/Statewide spatial datasets/Maximum grade in-hole drilling data 29 Sept 2021.

Yarri Greenfield Gold Targets.



Box Soak.

Gold mineralised setting[1], **multiple structural targets** below shallow transported cover

New 800m zone of gold anomalism[2] defined in first-pass drilling, extensive drilling by neighbour immediately to north.

New Bluetooth RC hits[3] on trend 4km to the south, scope for new mineralised positions under soil cover

Kilometre-scale greenfield gold targets remain untested

1. For historical Max downhole gold drilling refer to WA DMIRS/Data and Software Centre/Statewide spatial datasets/Maximum grade in-hole drilling data 29 Sept 2021, and ASX: SLS 28 April 2022 'Prospectus',
2. ASX: SLS 9 September 2024 ‘Significant 10m @ 3.61g/t Gold Intercept at Bunjarra’ and 28 October 2024 ‘Strong Progress with Yarri Programs’.
3. ASX: SLS 6 January 2025 ‘36m @ 1.55gpt Gold at Bluetooth’.

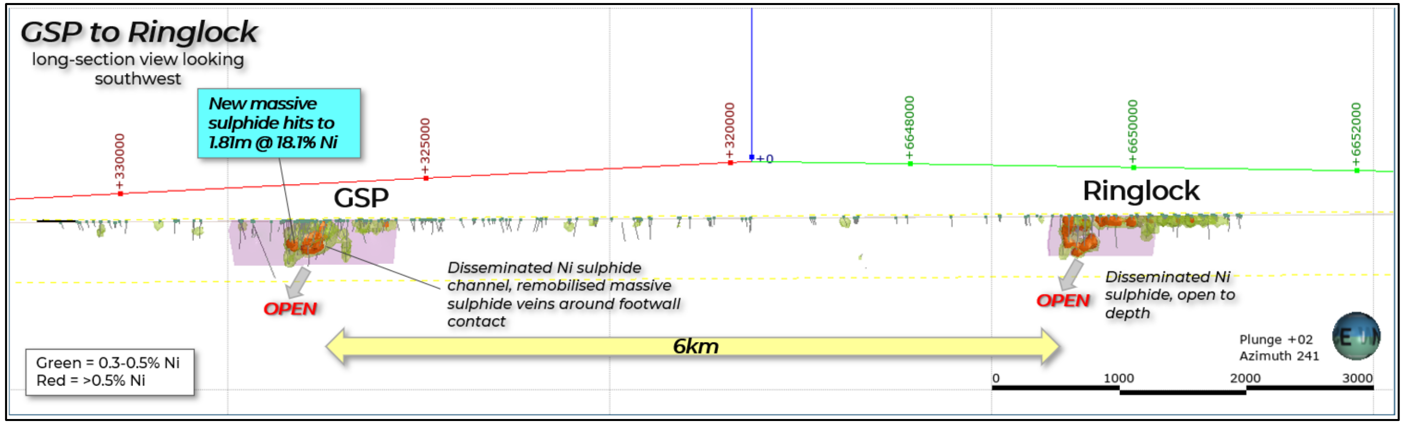
Ringlock Project.
High grade nickel & greenfield gold.

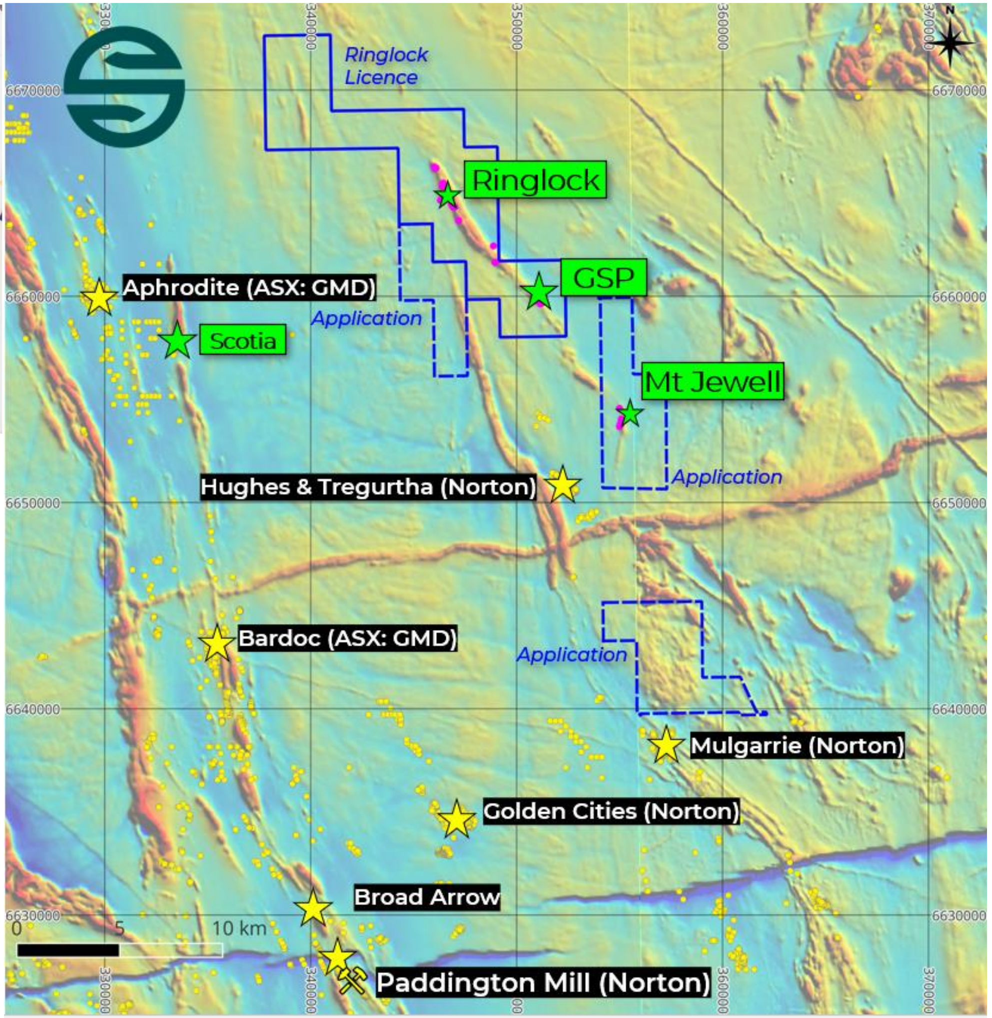
Ringlock Nickel and Gold.

Advanced massive sulphide target at **GSP Prospect** – Solstice high-tenor nickel sulphide hits incl. **1.81m @ 18.1% nickel**[1]

Continuation of Silver Swan/Black Swan ultramafic belt – history of high-grades

Deep in gold country but largely unexplored for gold – long held by nickel explorers





1. ASX: SLS 10 March 2023 'High Grade Nickel Sulphide Drill Results at GSP Prospect'.

Ponton Project.
New frontier exploration

Ponton.

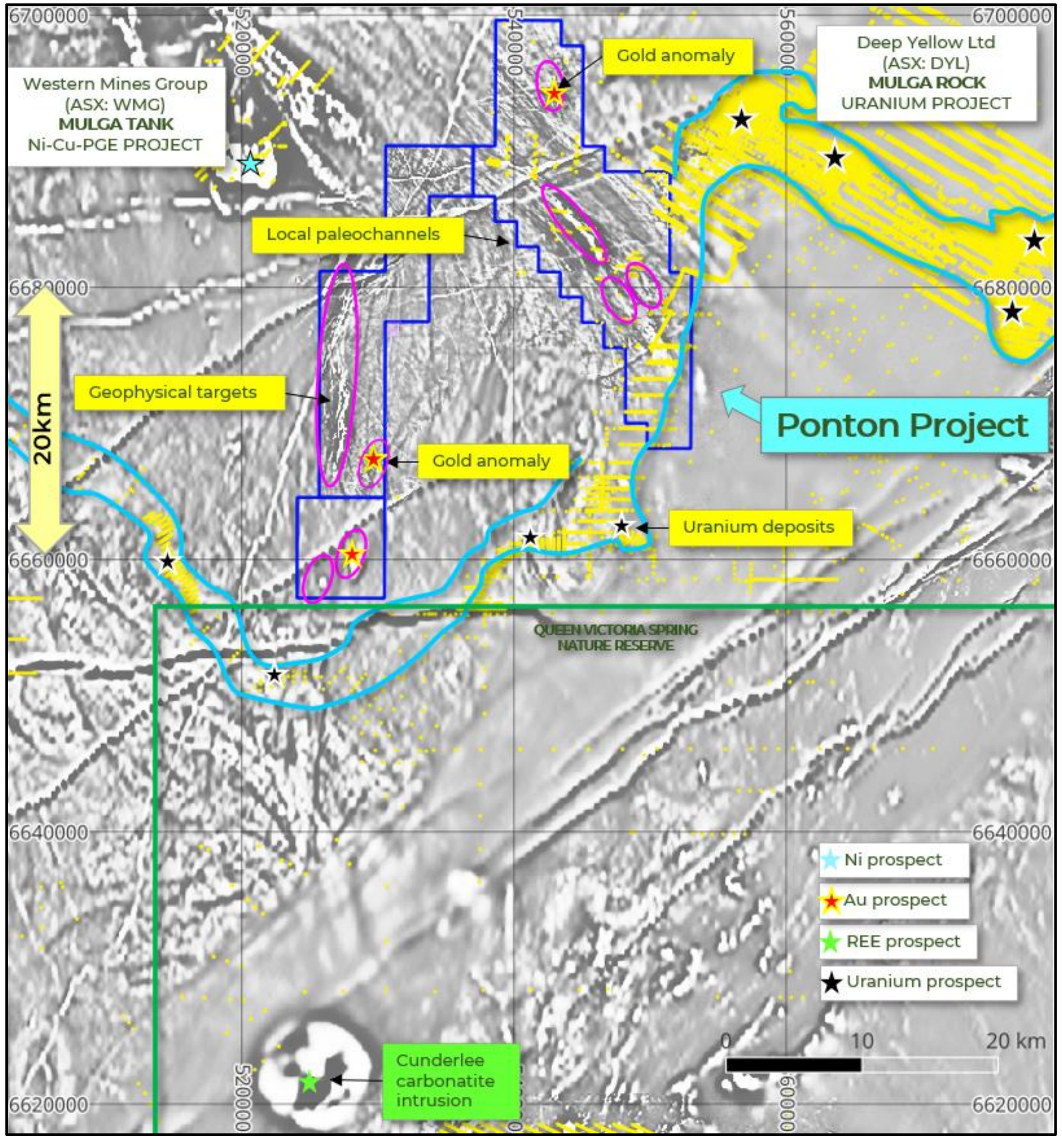
Located 200km NE of Kalgoorlie in gneiss terrain

Largely unexplored, **frontier opportunity** at margin of Yilgarn Craton

Significant repeatable gold-in-soil anomalism[1] in aeolian sand country, anomalies coincident with underlying magnetic features

Gold anomalism untested by previous drilling [2]

Potential for gold, uranium, REO-niobium, nickel-sulphides



1. ASX: SLS 14 July 2022 'Significant Gold Anomalies Confirmed by Infill Soil Sampling at the Nippon Licence, Ponton Project',
2. For historical drill collars refer to WA DMIRS/Data and Software Centre/Statewide spatial datasets/Mineral Exploration Drillholes.