

SOLSTICE

MINERALS LTD
ASX: SLS

Cashed up, hunting gold and copper

Investor Presentation – RRS Adelaide April 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, 5 February 2025, 13 March 2025 and 17 March 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**

Imminent **RC drilling** on **advanced gold prospects**, aircore continues

100% Nanadie Cu-Au Project –rare and unconstrained **162,000t copper** and **130,000oz gold** Mineral Resource (MRE)¹ on Mining Lease

Capital flexibility of **\$14.2M²** cash

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'.
2. Pro-forma cash balance after acquisition of the Nanadie Copper-Gold Project



Corporate Overview

ASX	103.4M ¹	A\$18.6M	A\$14.2M ¹	A\$0.14c
SLS	Shares on issue	Market Cap at 18c	Cash (as at 31 Dec 2024)	per share cash
	14.7M			
	Listed 20c Options			

Board & Associates	Institutions	Tim Goyder Entities	Top 20
6.7%	16.6%	2.5%	48.0%

1. Pro-forma cash balance and capital structure after acquisition of the Nanadie Copper-Gold Project see ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

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

+15yrs Mining Engineer with MBA, former resources analyst, 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

Drill Ready Gold and Copper

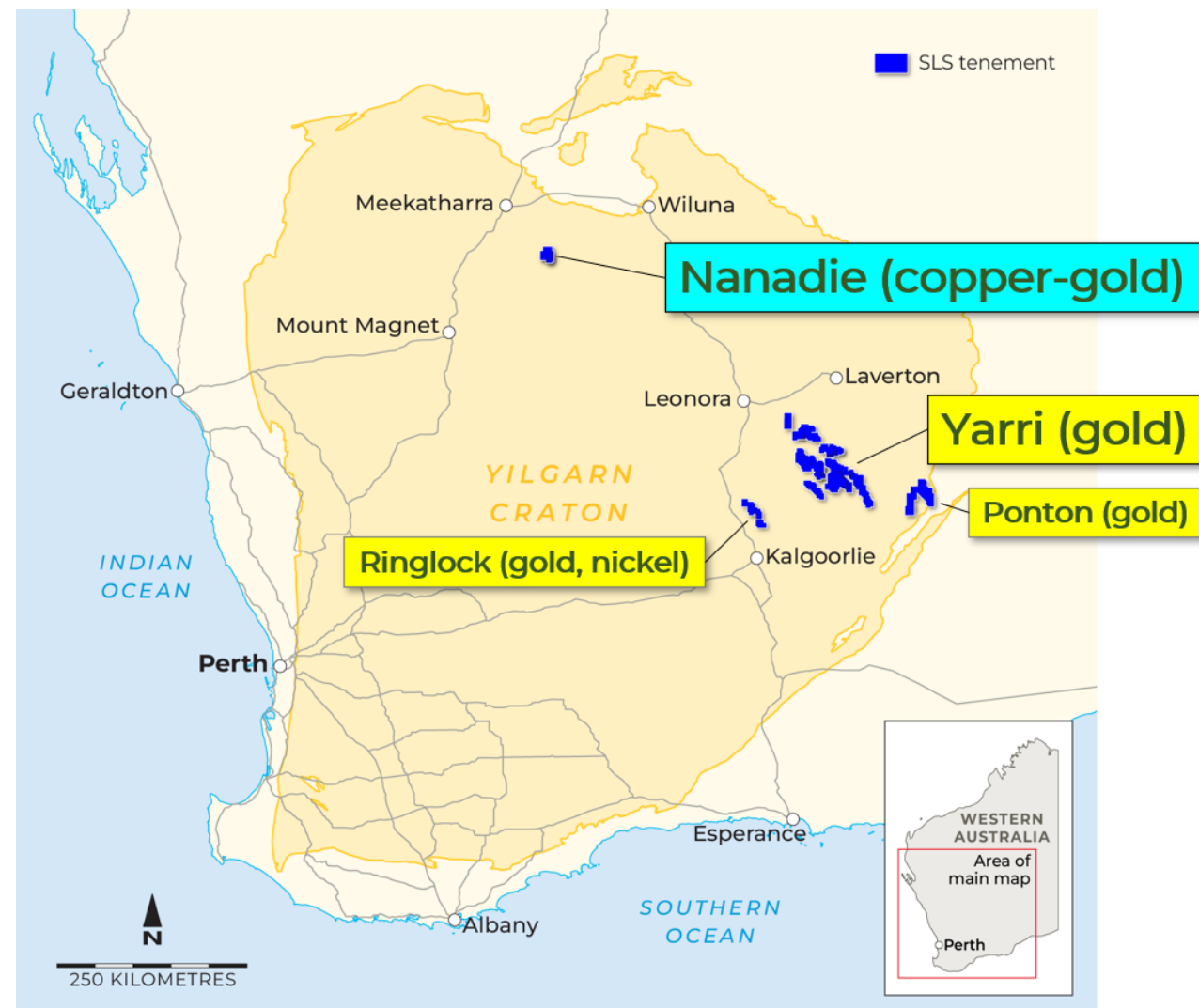
Yarri - significant 100% owned >2,200km² footprint in renowned gold terrain within 150km of Kalgoorlie

Compelling mix of RC-ready advanced gold prospects and high-impact greenfield targets for aircore drilling

Tenement holdings compiled by Solstice technical team with deep local experience - data-led target generation and 'boots on ground' validation, with focus on new gold discovery

Nanadie - recent acquisition of large-scale unconstrained Cu-Au system on granted Mining Lease and underpinned by 162,000t copper and 130,000oz gold MRE

Targeting work underway to drive high-impact RC drilling early H2 2025





Yarri Project.
High quality gold targets in
a proven terrain.

Yarri GOLD.

150km strike of prime gold exploration tenure.

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

Pipeline of new kilometre-scale greenfield targets and RC-
ready advanced gold prospects

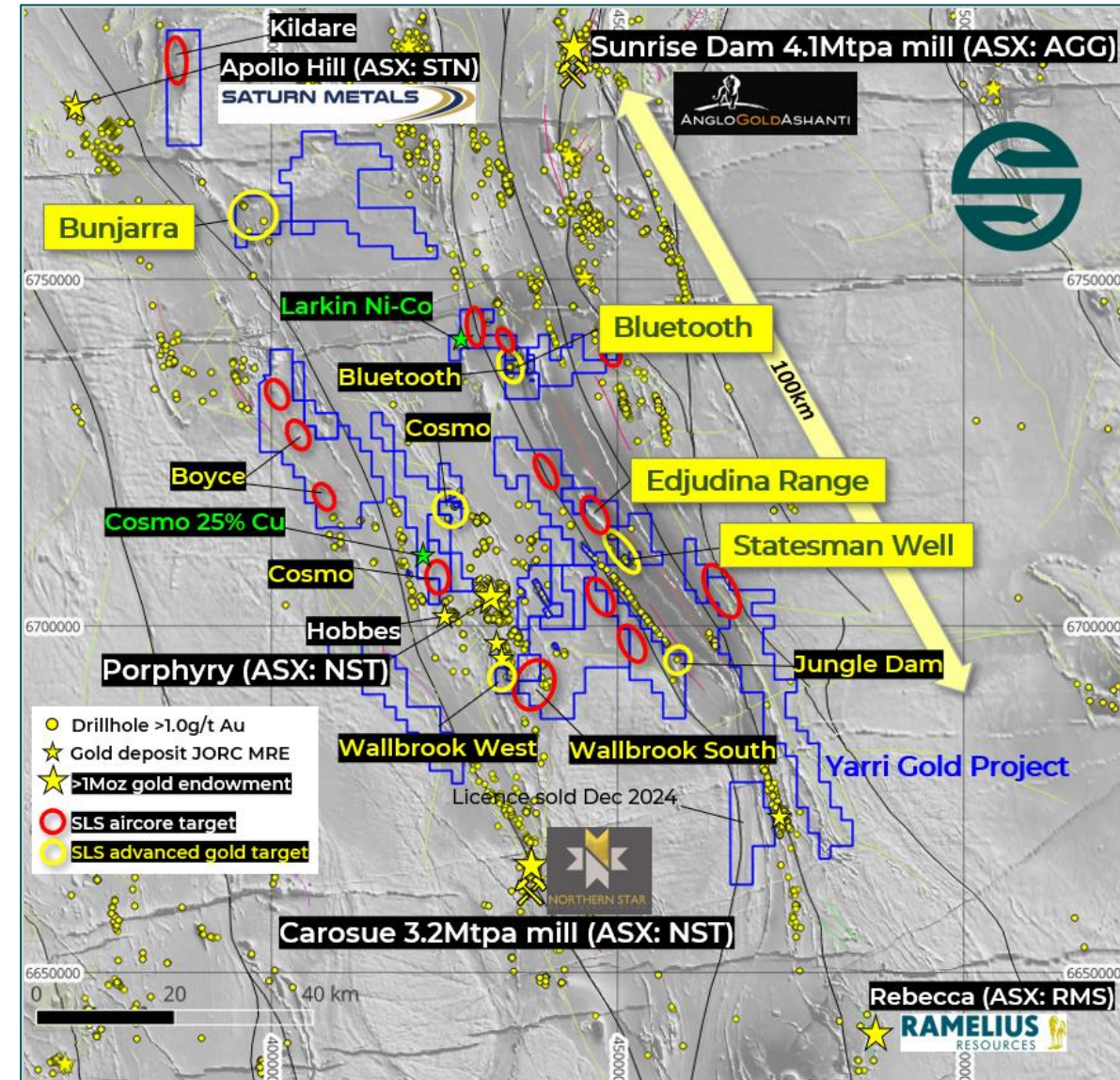
Ongoing first-pass aircore drilling through cover = a fast and
cost-efficient pathway to new gold discovery

Imminent RC drilling at advanced Statesman Well and
Bluetooth prospects

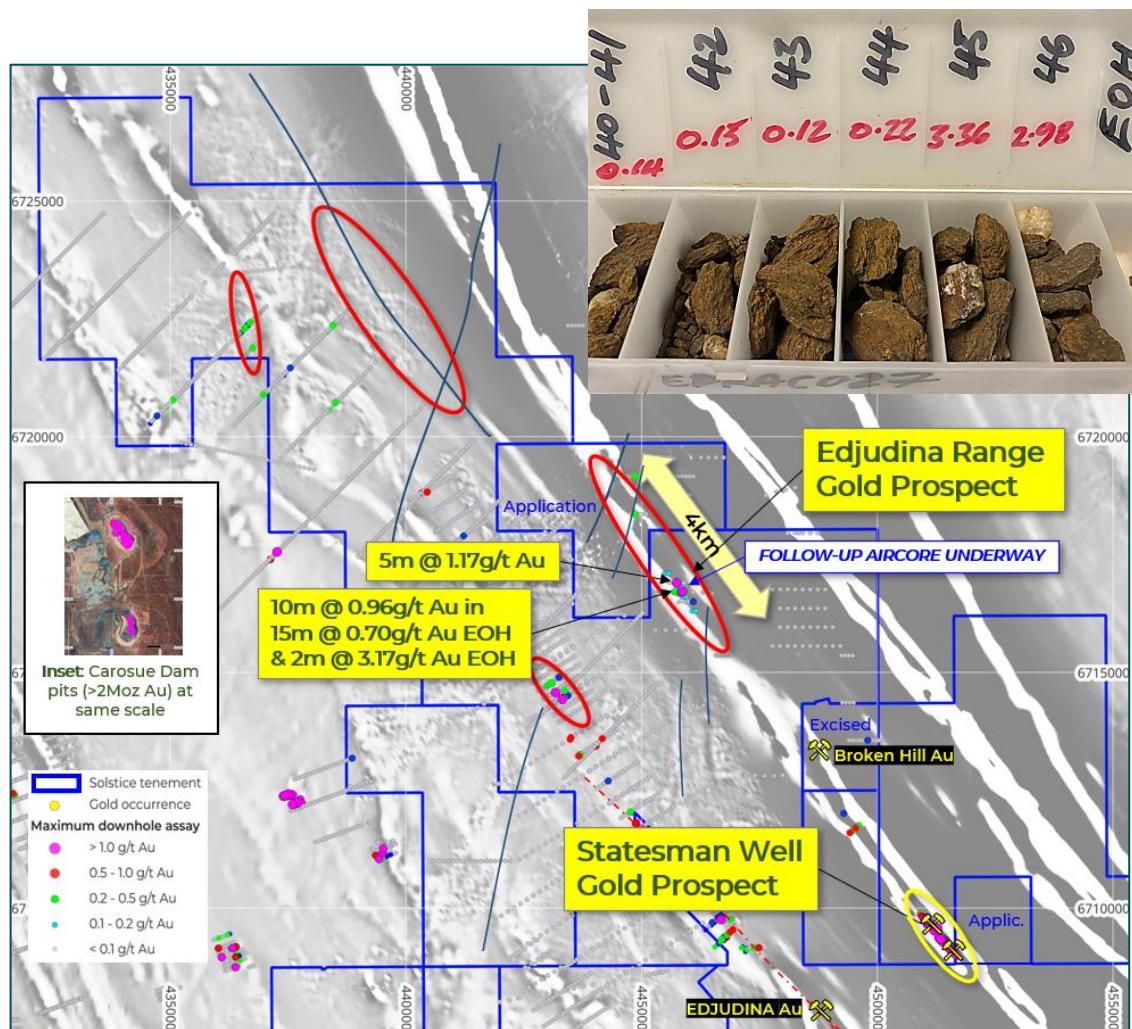
Strategic tenure acquisitions open exciting new targets

\$10m sale of Hobbes to Northern Star¹ demonstrates that new
discoveries are well placed for commercial outcomes in an
active gold camp with significant haul road infrastructure

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



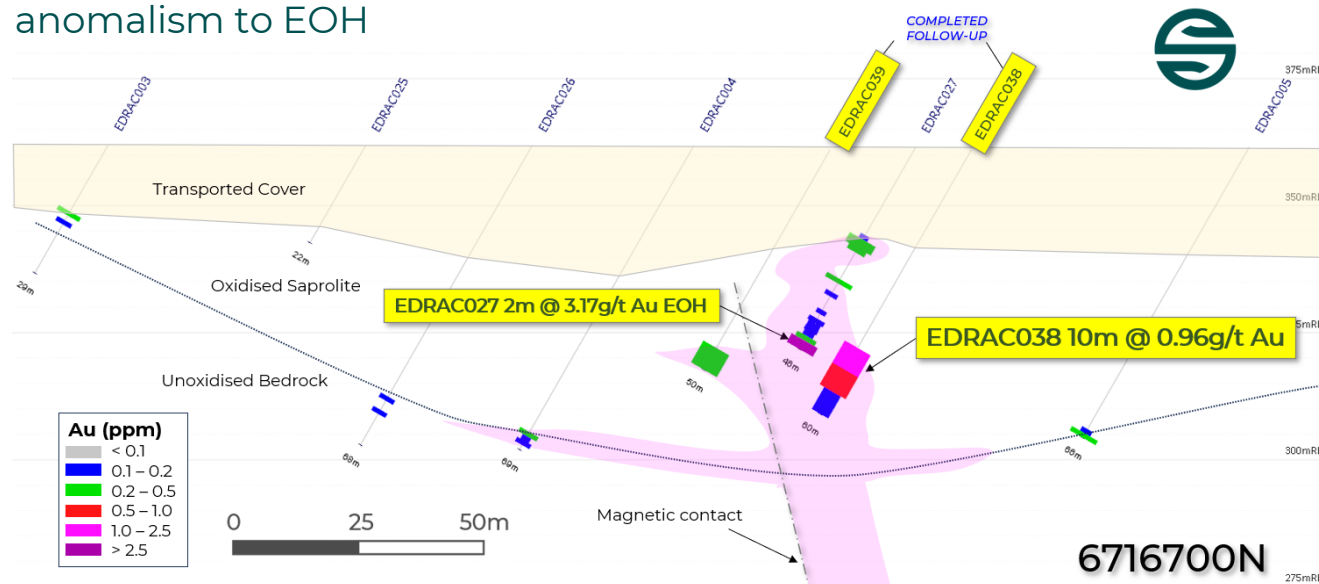
Greenfield Gold Target.



Edjudina Range.

Assays pending for recent step-out and infill drilling testing 800m strike of **emerging greenfield prospect**, remains **undrilled for multiple kilometres** below shallow cover.

First-ever aircore drilling delivers **2m @ 3.17g/t Au EOH** intercept, follow-up drilling **10m @ 0.96g/t Au** and **5m @ 1.17g/t Au** in broad anomalism to EOH



- 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,
- ASX: SLS 13 March 2025 'Drilling Extends New Edjudina Range Gold Project'

Advanced Gold Targets.

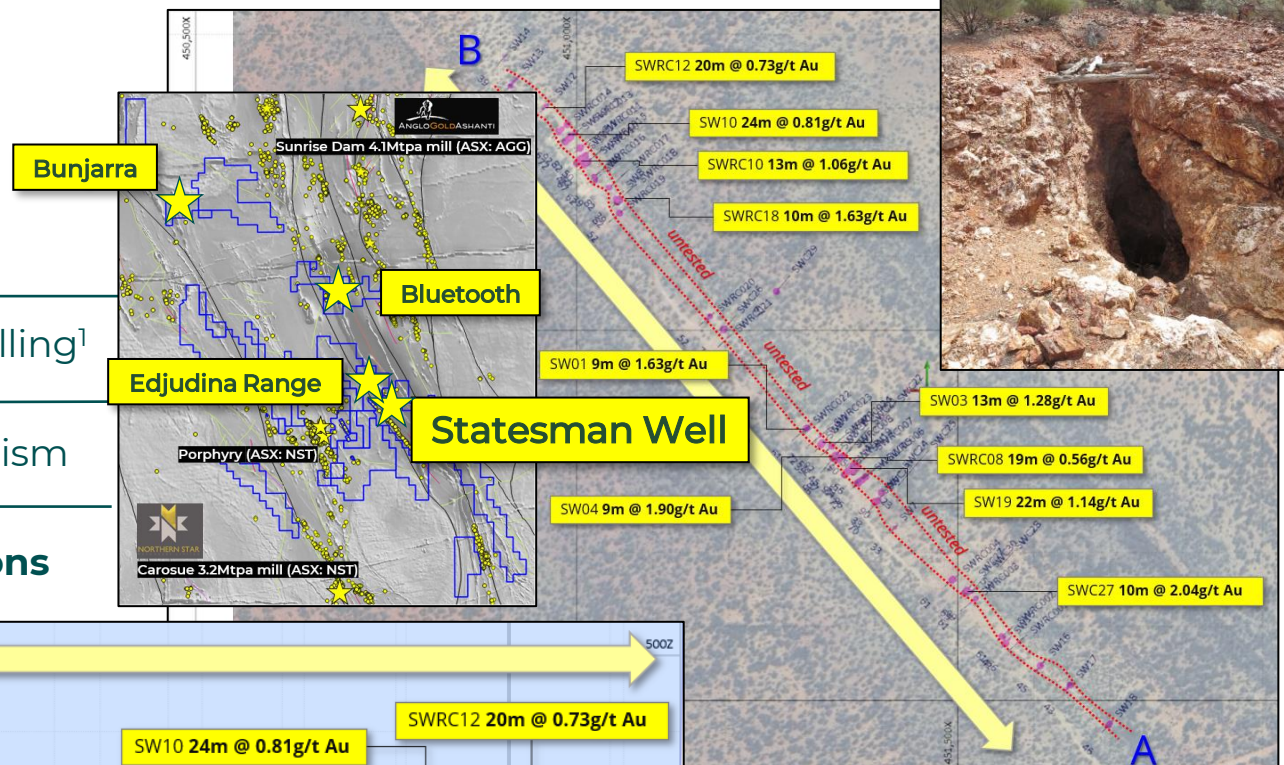
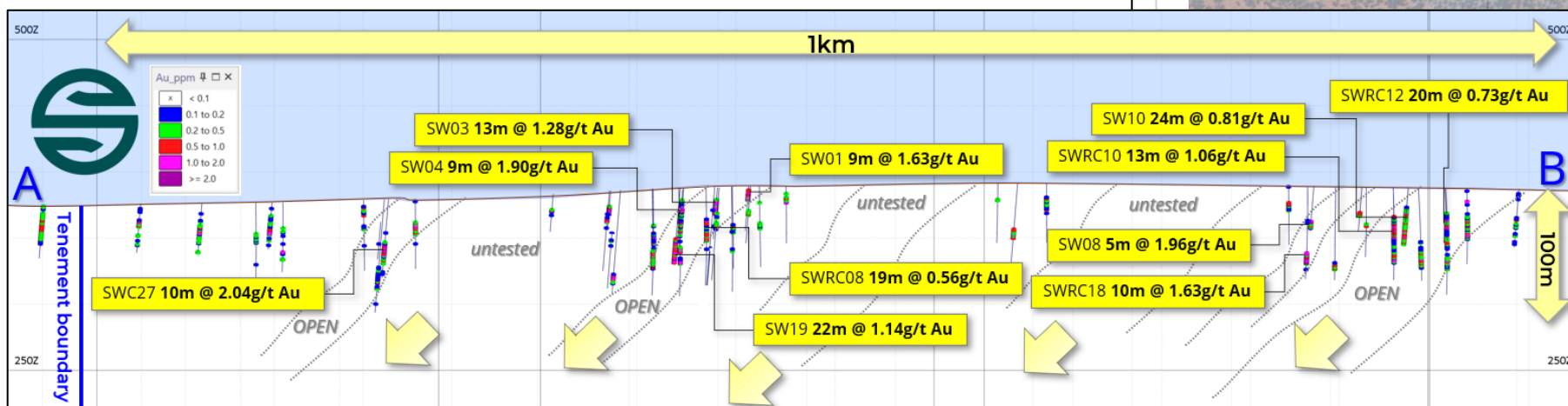
Statesman Well.

Primed for first **RC drilling** in coming weeks

Multiple 10-20m wide +1g/t gold intercepts in historical drilling¹

1km long zone of BIF hosted gold workings and soil anomalism

Open south-plunging shoots² and **untested strike extensions**



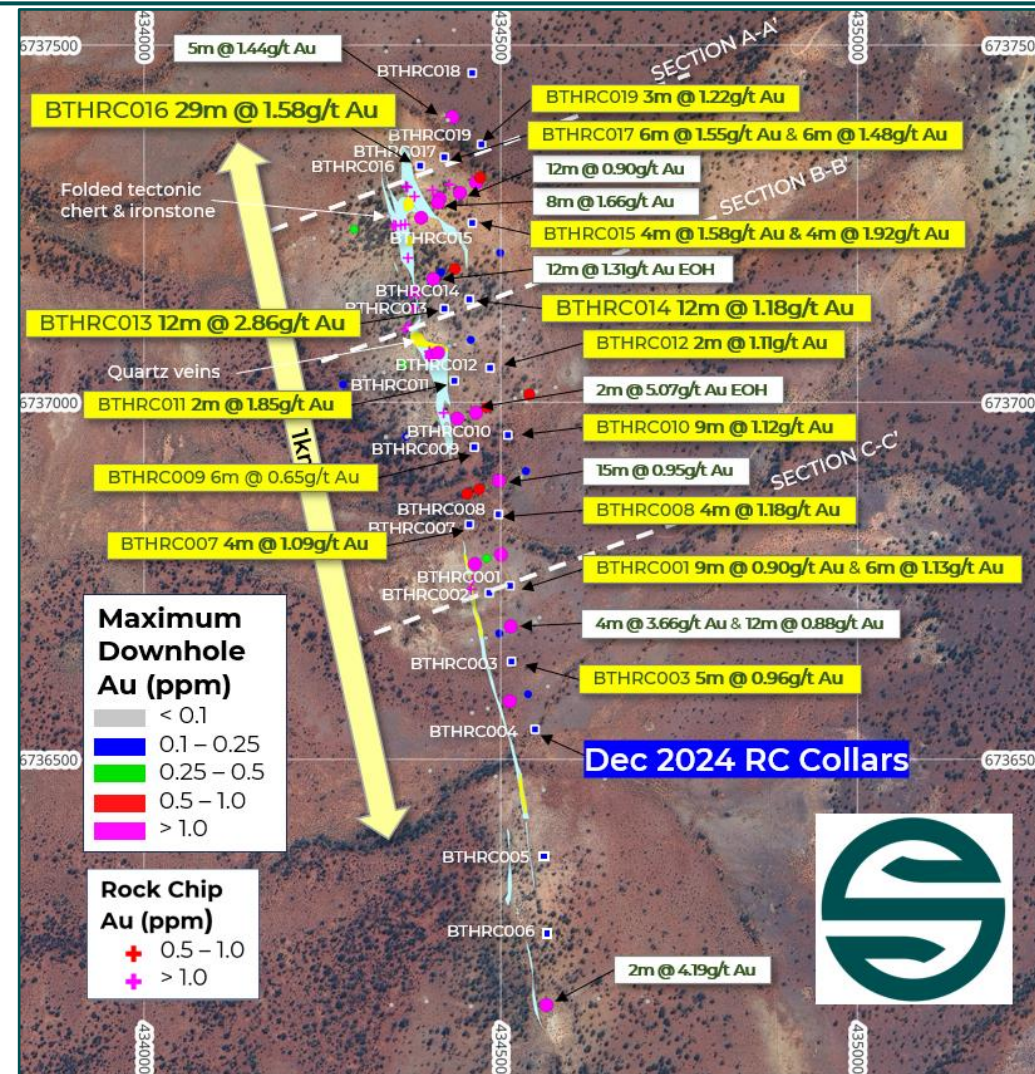
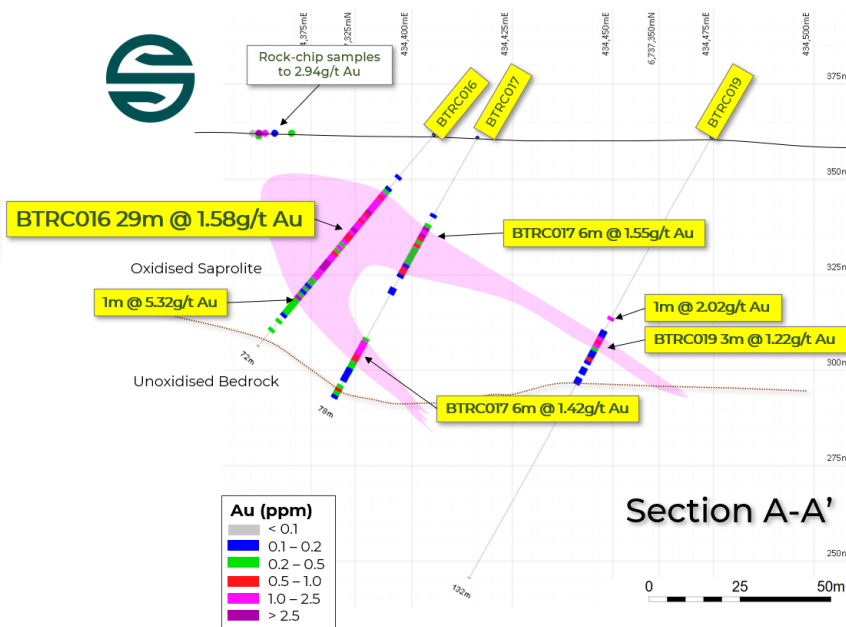
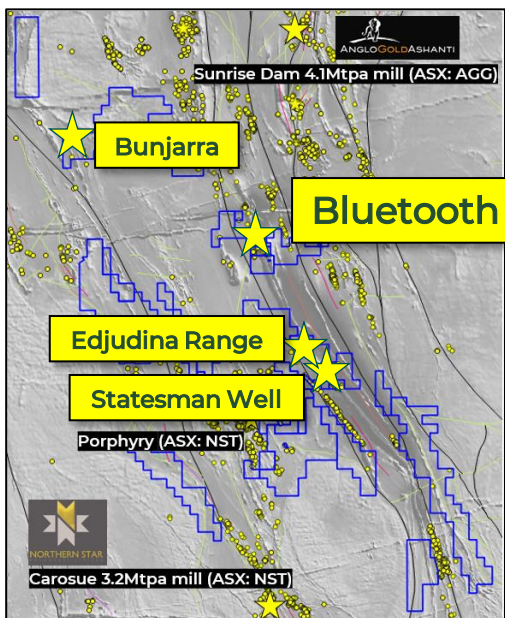
1. Refer to WA DEMIRS/Data & Software Centre/ Statewide spatial datasets/Maximum grade in-hole drilling data 29 Sept 2021
2. ASX: SLS 7 May 2024 'Strong Drill Targets Take Shape at Statesman Well Gold Prospect'.

Advanced Gold Targets.

Bluetooth.

Solstice's first RC program delivered **29m @ 1.58g/t Au**, **12m @ 2.86g/t Au**, and **12m @ 1.18g/t Au**¹, +1g/t gold hits over 900m strike¹

Imminent RC infill drilling of high value near-surface mineralisation



1.ASX: SLS 6 Jan 2025 '36m @ 1.55gpt Gold at Bluetooth', 8 Oct 2024 'Solstice Accelerates Drilling at Yarri Gold Project' & 17 March 2025 'Resampling Highlights Strong Potential at Bluetooth Gold Prospect'

Nanadie Project. Copper-gold MRE growth & strategic metal bank



Nanadie COPPER-GOLD.

Open and unconstrained 100% owned 162,000t copper and 130,000oz gold Mineral Resource (MRE)¹

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

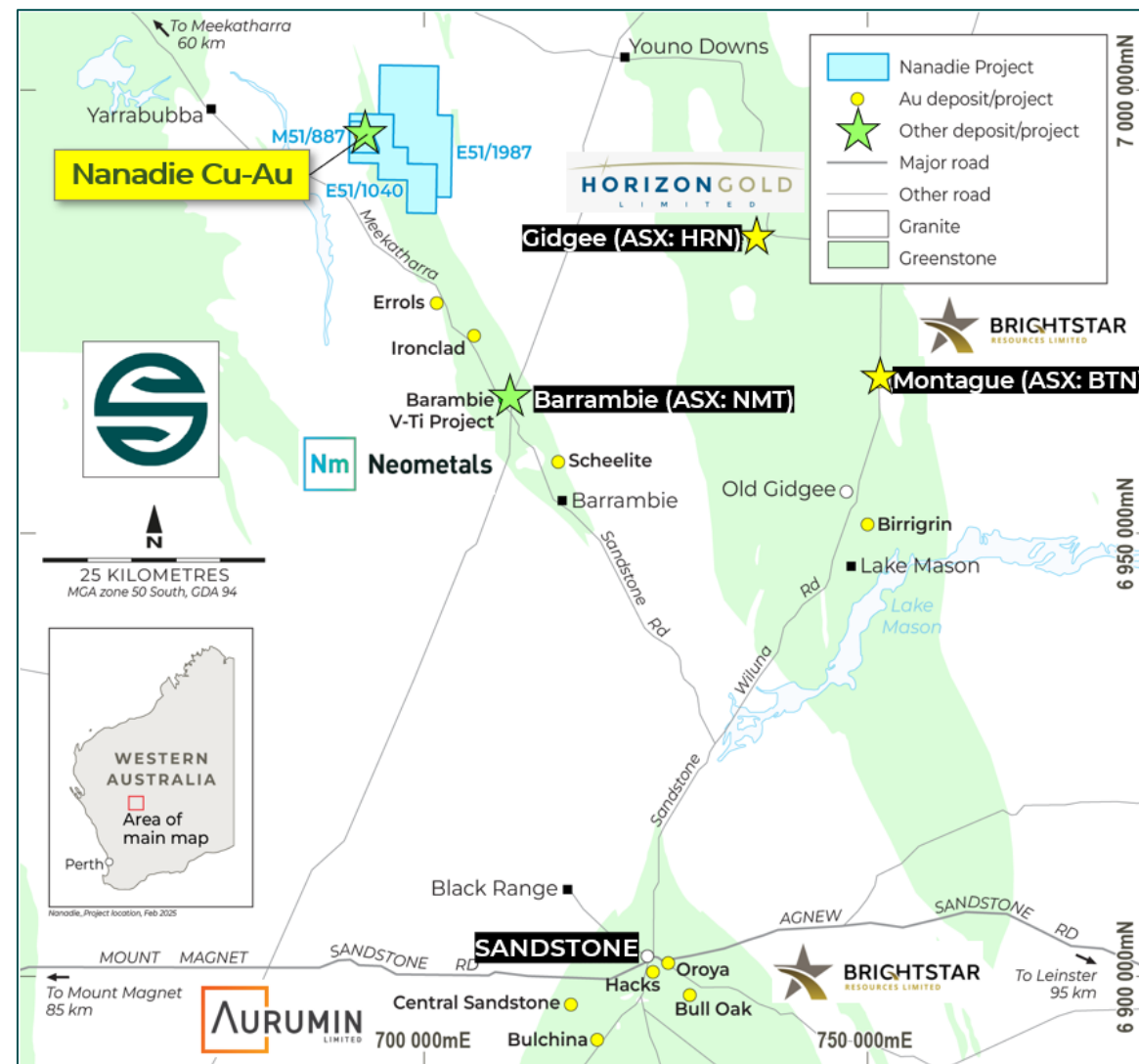
Active data and geological targeting confirms strong MRE expansion upside plus exciting step-out exploration potential

Targeting will guide reserve definition, MRE expansion and exploration programs. RC and DD drilling in H2 2025

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

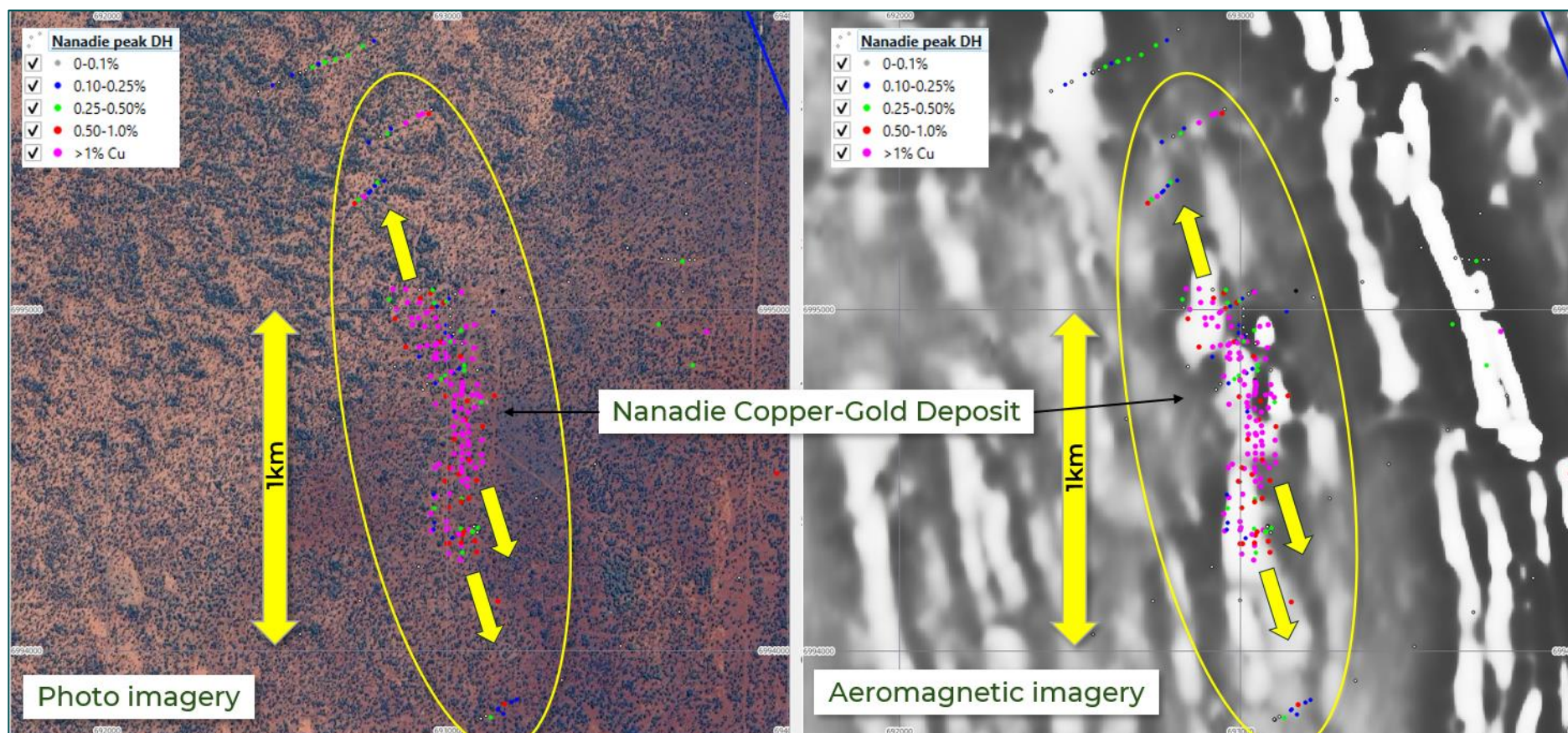


1. ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.



Nanadie.

100% owned¹ 162,000t copper and 130,000oz gold Mineral Resource (MRE)¹.



Open-ended copper-gold deposit on granted Mining Lease & 130km² tenure

Significant MRE expansion targets, grade potential

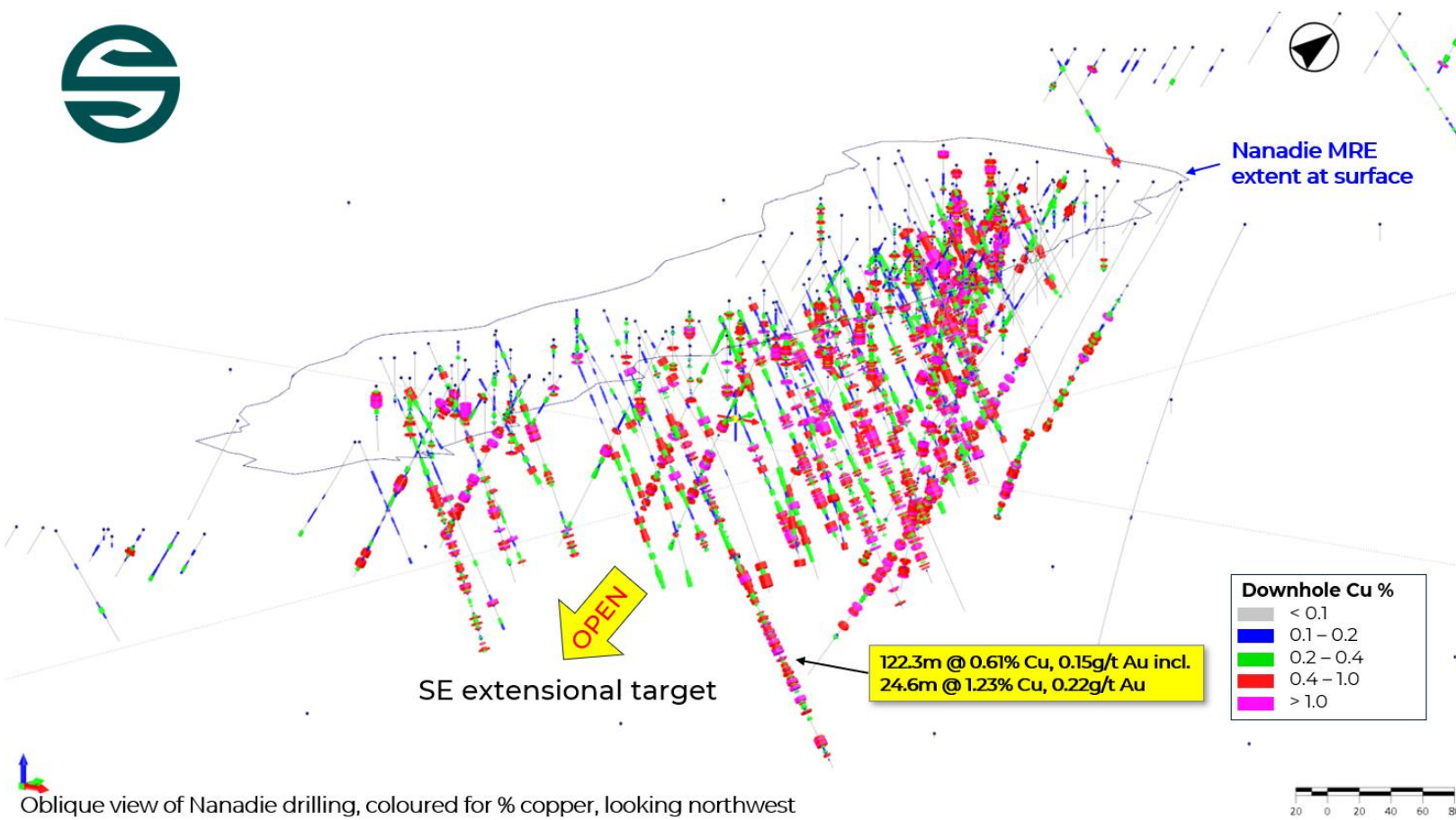
First-principles review and targeting underway

Shallow strike extension and lateral targets to explore below shallow cover

Tier 1 location and jurisdiction

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

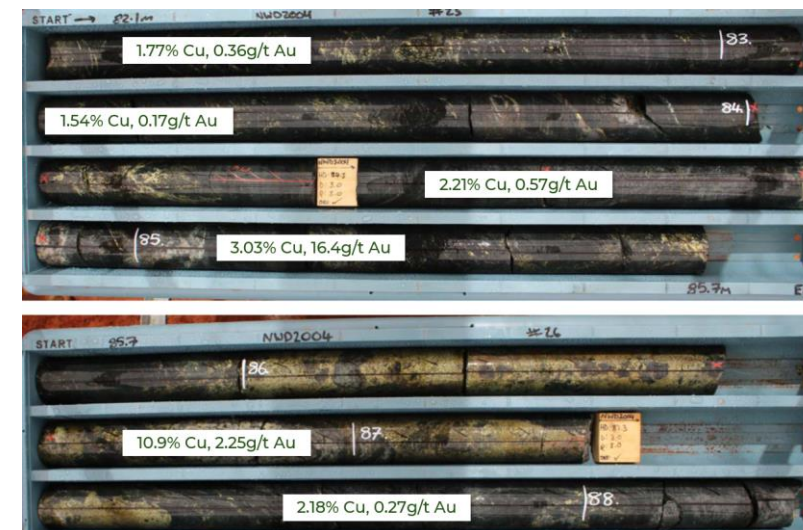
Nanadie. Unconstrained systems are rare



Mafic intrusive -hosted disseminated and sulphide vein system

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

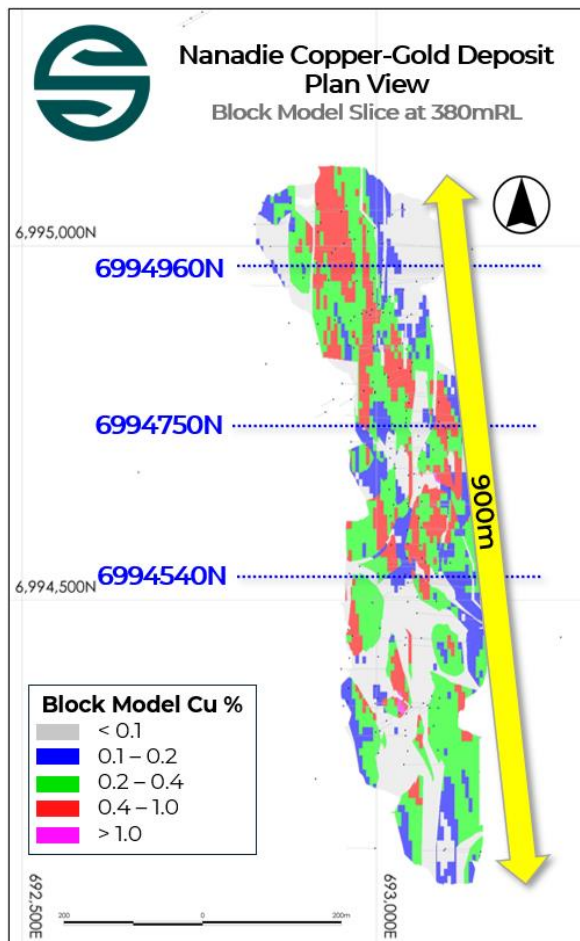
H2 2025 drill program will target grade and MRE extension opportunities



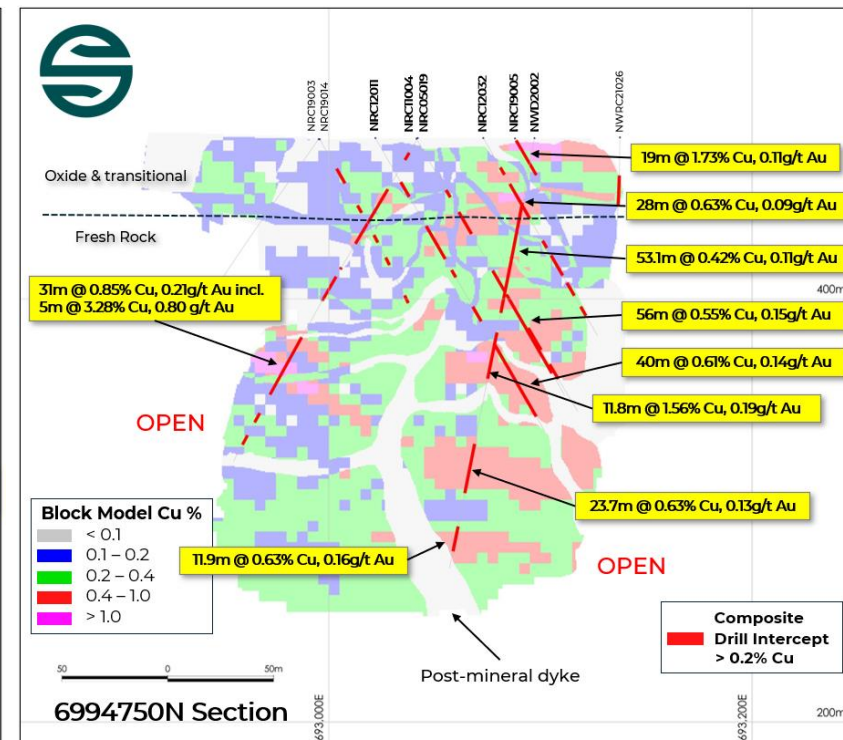
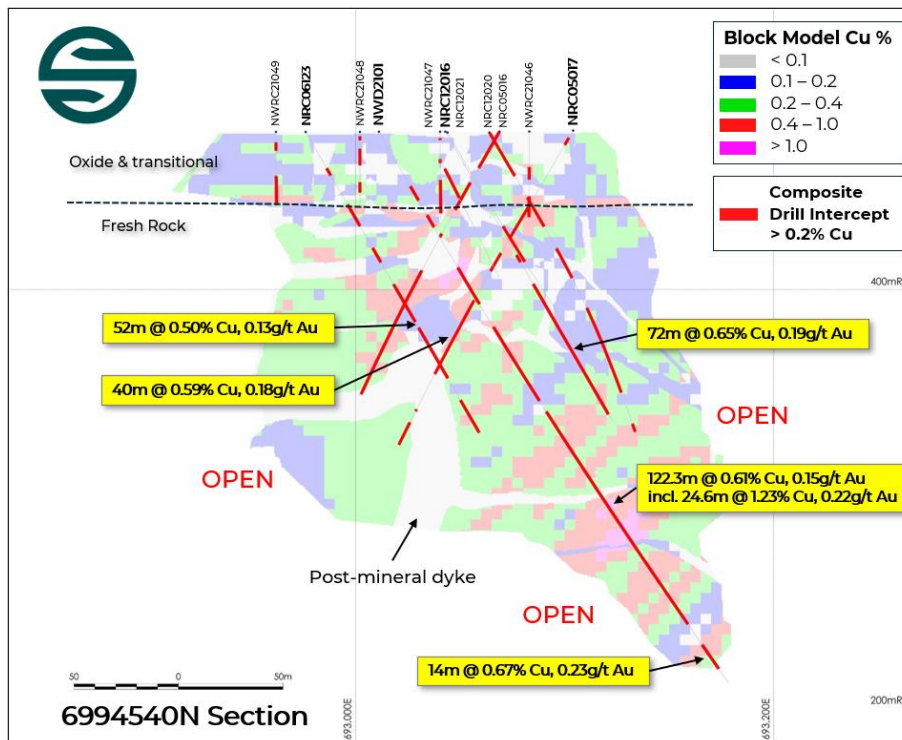
Historical hole NWD2004 82.1m-88m, within 10.2m @ 2.61% Cu, 2.06g/t Au from 77.8m¹.

Nanadie.

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



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

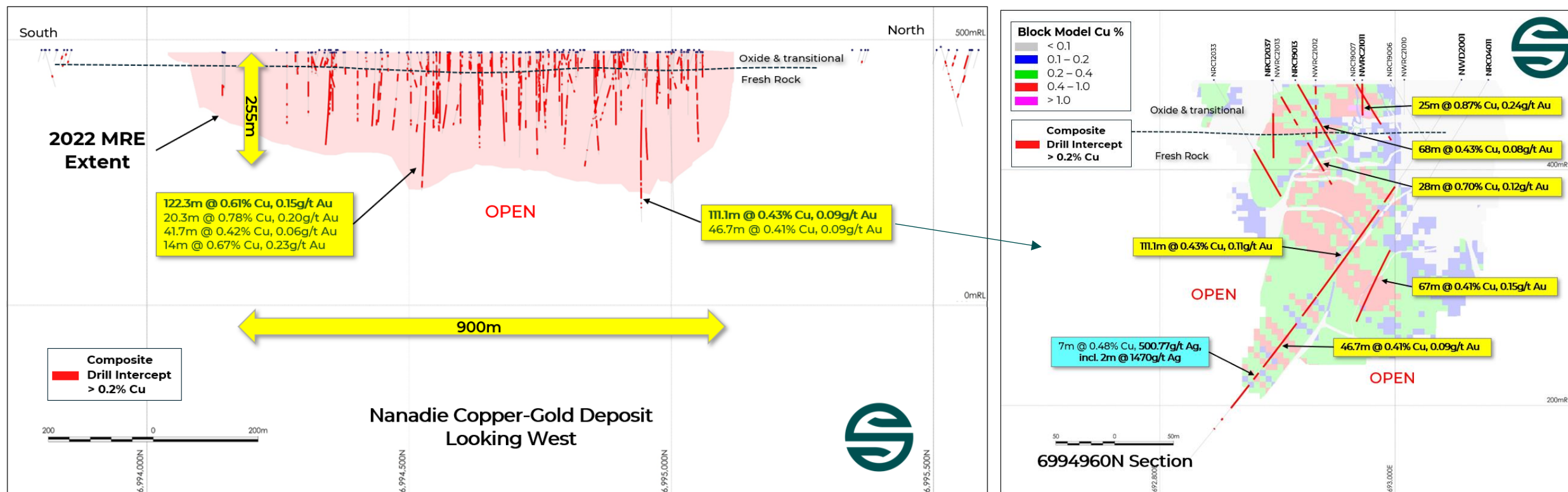


1. ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

Nanadie.

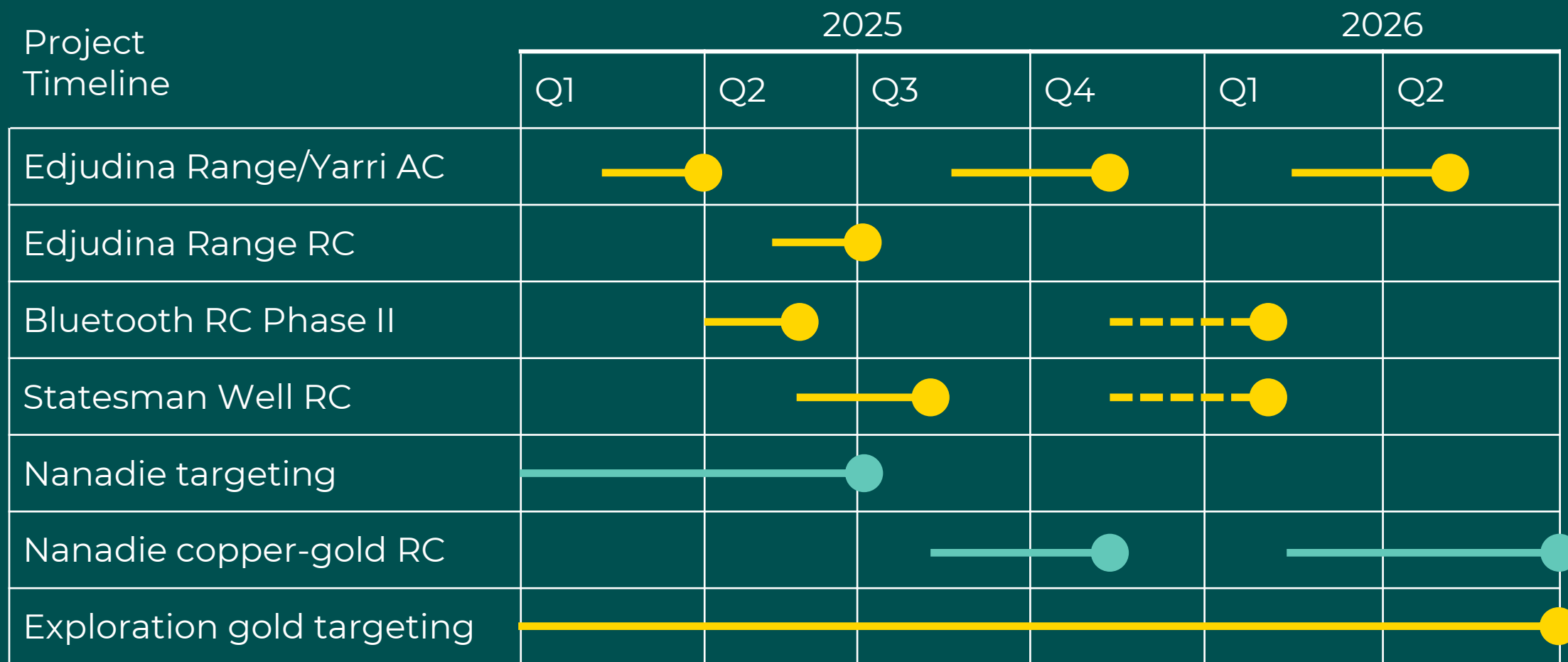
Shallowly-drilled system - only 20 holes >200m depth¹, no holes >400m depth. Deepest holes are strongly mineralised

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'.

Strong activity stream & newsflow.



~\$14.2M cash allows fast, non-dilutive operational flexibility



Ongoing assessment of new corporate development opportunities

Additional Slides.

Yarri 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}

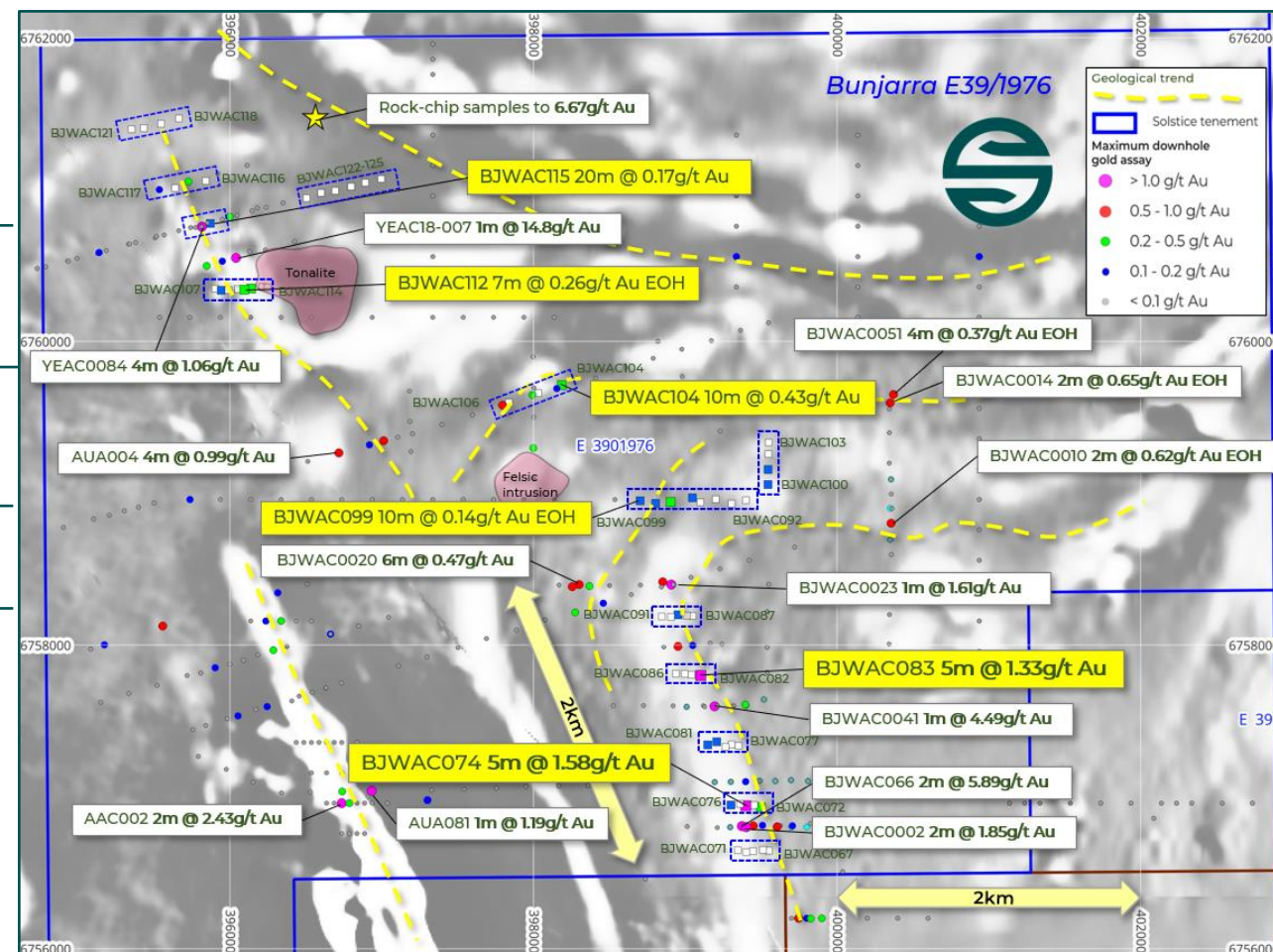
Wide-spaced aircore drilling 2023 and 2024 identified multiple new mineralised positions below shallow cover

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'.



Yarri Greenfield Gold Targets. Wallbrook South.

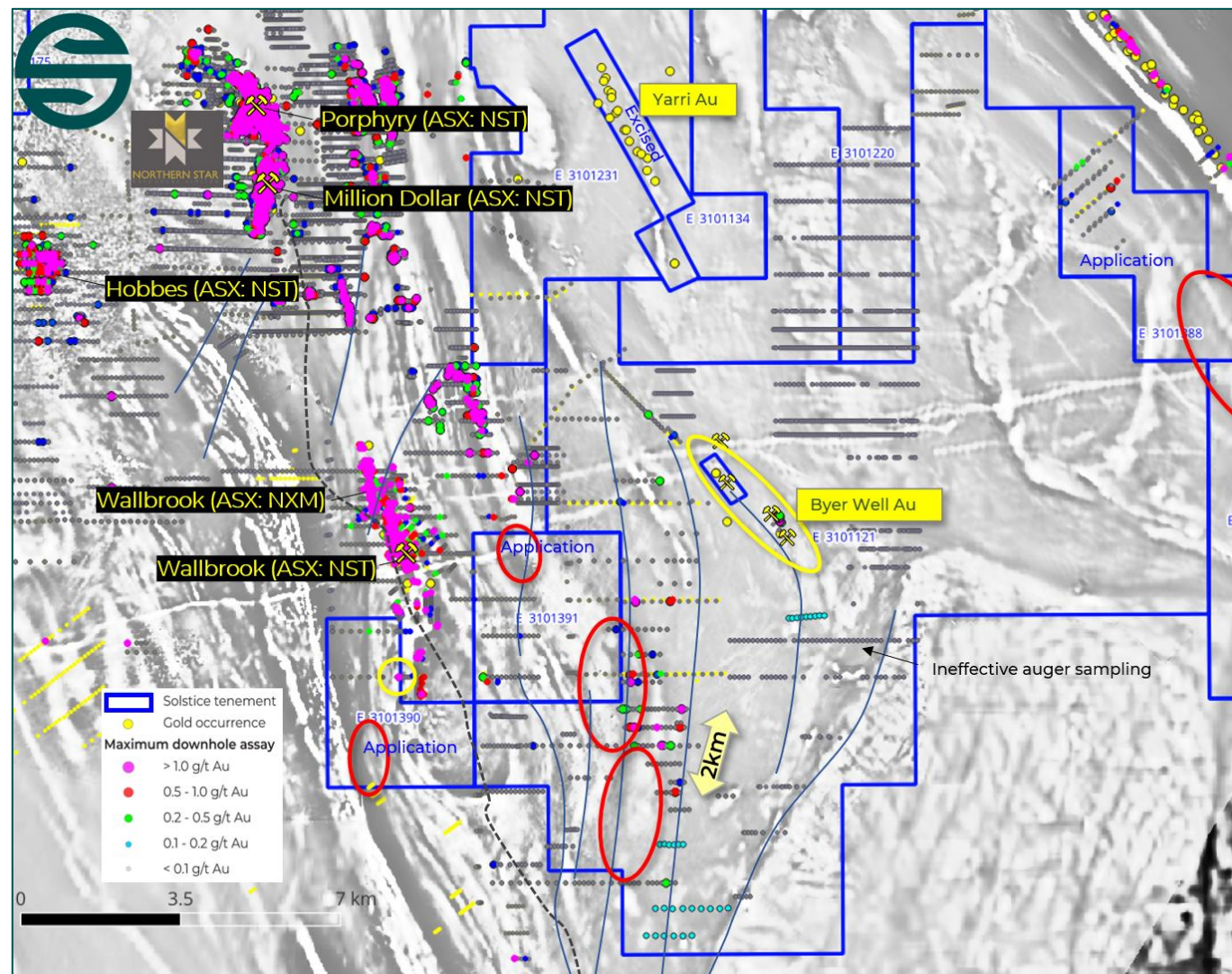
Large landholding in a **gold rich structural setting** south of key **Porphyry-Wallbrook trend**, widespread alluvial cover

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

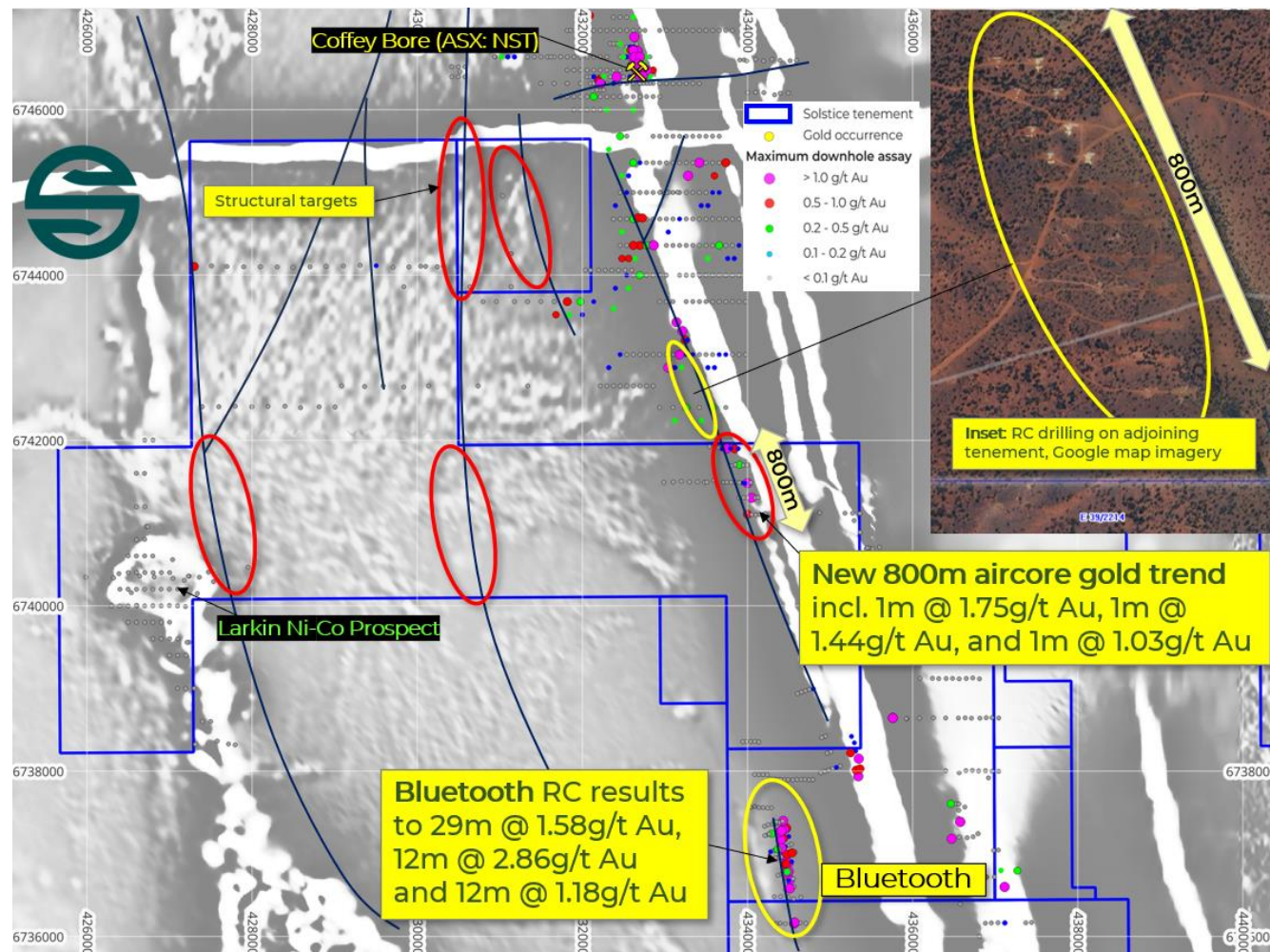
Widespread **+1g/t gold intercepts** in historical drilling¹, piecemeal exploration history

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

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



Yarri Greenfield Gold Targets.



Box Soak.

Gold mineralised setting¹, multiple structural targets below shallow transported cover

New 800m zone of gold anomalism² defined in first-pass drilling, extensive drilling by neighbour immediately to north.

Strong Bluetooth RC hits³ 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 17 March 2025 'Resampling Highlights Strong Potential at Bluetooth Gold Prospect'

Ringlock Project. High grade nickel & greenfield gold.

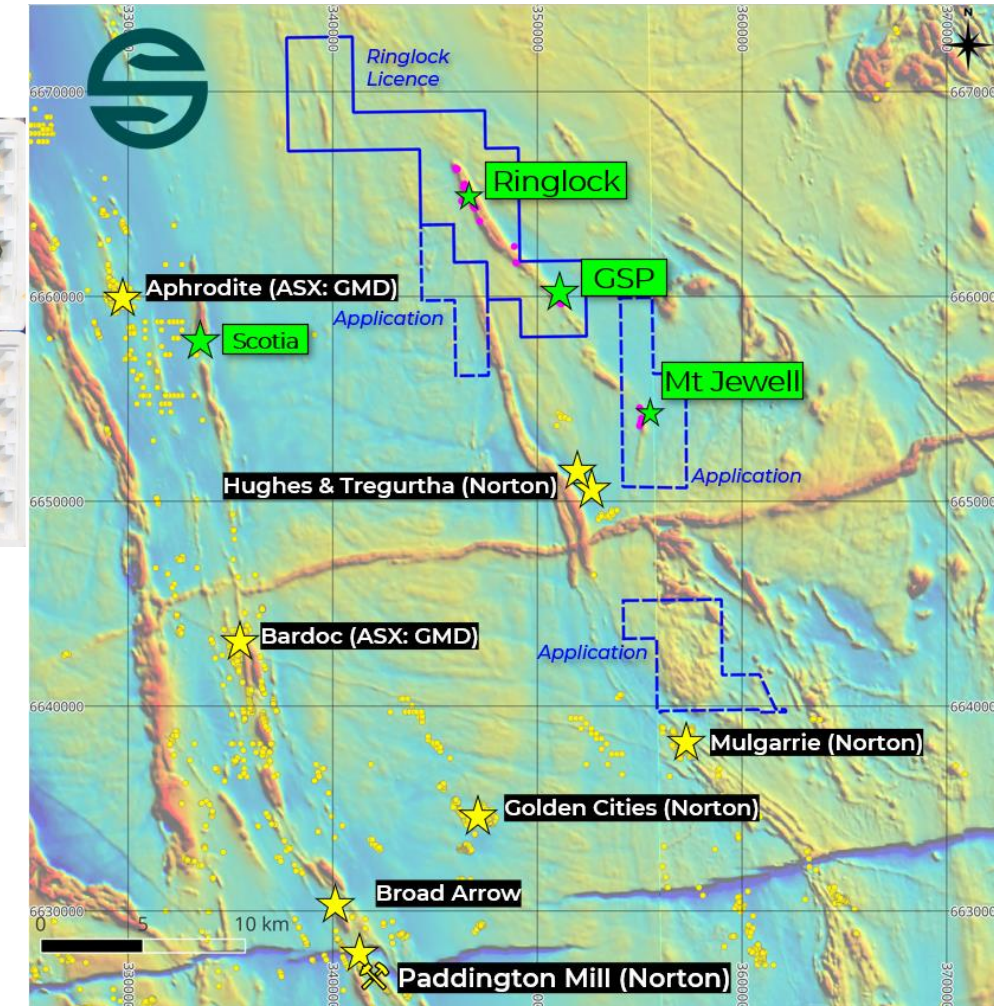
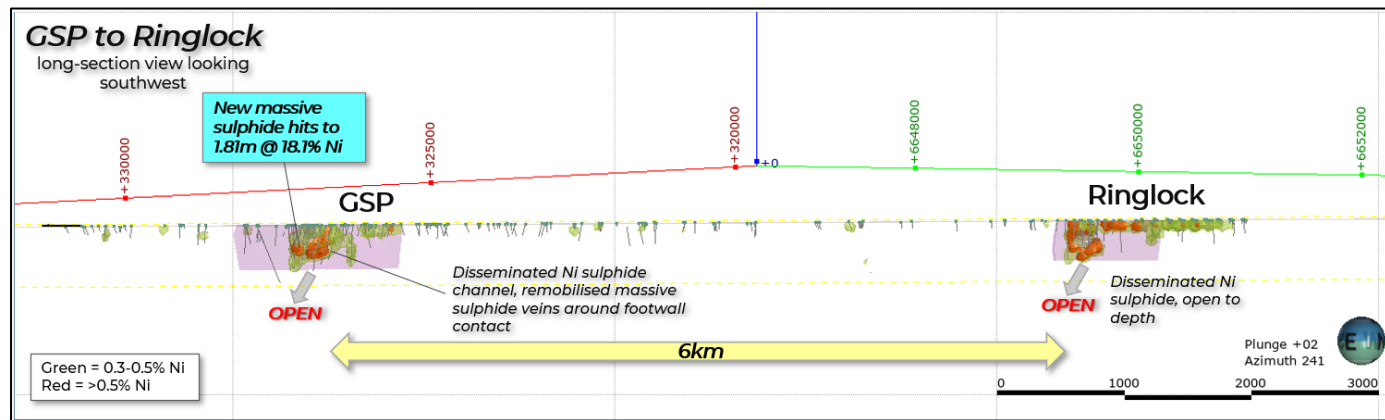
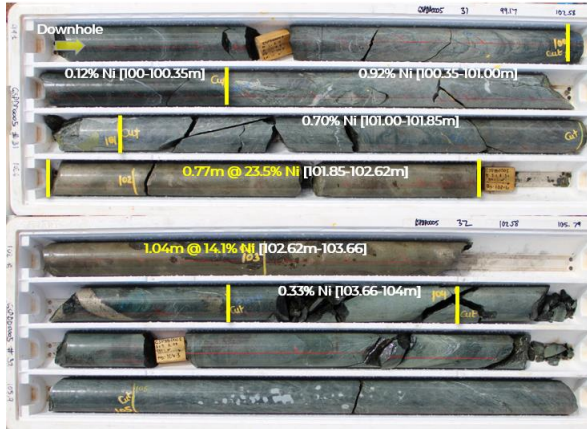


Ringlock Nickel and Gold.

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

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



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

Ponton Project. New frontier exploration



Ponton.

Greenstone & gneiss terrain located 200km NE of Kalgoorlie

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

Significant repeatable gold-in-soil anomalism¹ in aeolian sand country, anomalies coincident with underlying magnetic features

Gold anomalism untested by previous drilling²

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.

