SOLSTICE

MINERALS LTD
ASX: SLS

Cashed up, hunting gold

Investor Update July 2024

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Experienced, well-funded and deal ready gold and base metals explorer.

Board and management team with **~$2bn in cumulative past transactions**

Strong mix of technical and capital markets expertise

A large, quality ground holding in highly prospective West Australian terrain

Outstanding war chest of **$17.5M** for acquisition and corporate development opportunities

Corporate Overview

ASX SLS	100.3M Shares on issue	A$16.0M Market Cap at 16.0c	A$17.5M **Cash** (as at 31 March 2024, unaudited), inc. cash Hobbes Sale[1]	NIL Debt	A$0.175c 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
5.9%	8.5%	7.5%	2.4%	46.0%

1. Proceeds per ASX: SLS 9 April 2024 'Sale of Hobbes Exploration Licence for $12.5M'.

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 ready.

Hobbes sale to Northern Star (ASX:NST) for $12.5m places Solstice in strong cash position

Excellent position to acquire gold targets that complement the current Yarri gold tenure

Flexibility to act on commercial opportunities 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

Current Portfolio - High Value Gold & Metals Assets in WA's Yilgarn Craton.

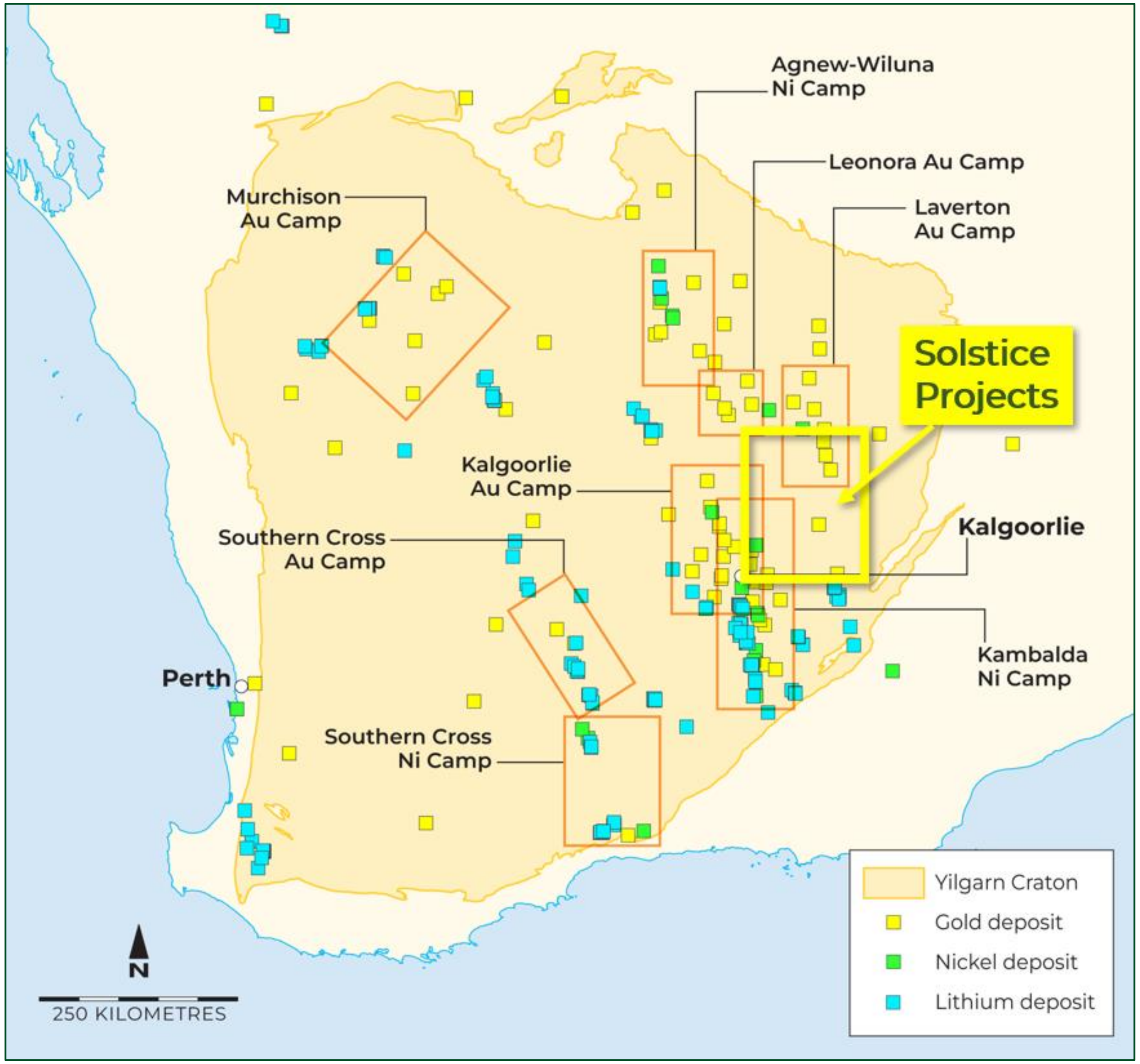
Operating in a renowned metals exploration terrain

Significant >**2,000km²** ground holding in the heart of the Goldfields, access agreements largely in place

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

Compelling mix of **high-impact greenfield and follow-up gold prospects** & pipeline of new targets taking shape

Strong financial capacity and skills to pursue corporate growth opportunities



Belt scale land positions in Eastern Goldfields.

Extensive high-endowment gold tenure at **Yarri Project**, proven high-tenor nickel sulphide at **Ringlock Project** all within **150km of Kalgoorlie**

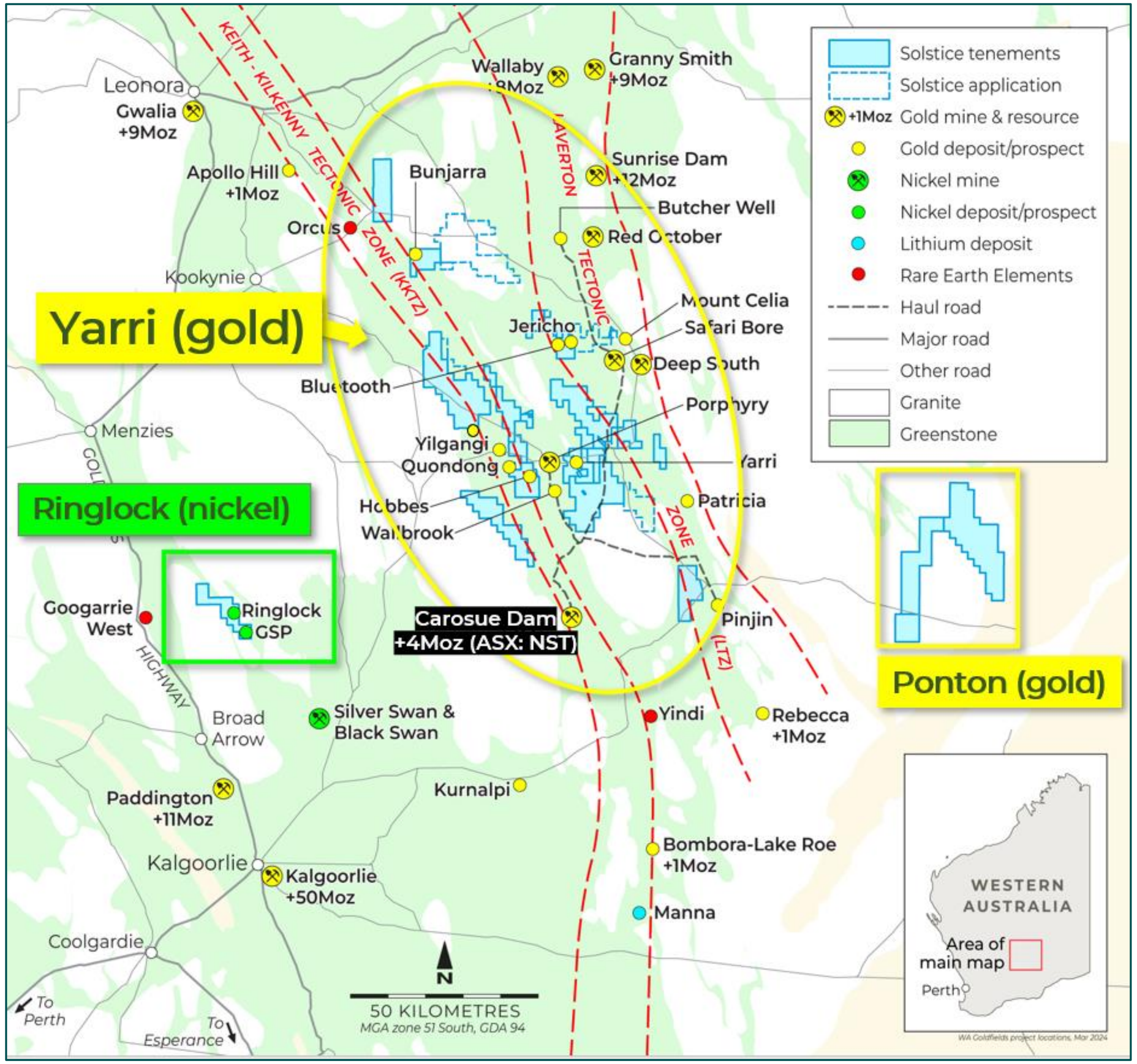
100% owned tenure highly prospective for gold, largely unexplored for other metals

Solstice is a key player around >4Moz Carosue Dam-Porphyry gold hub (Northern Star ASX: NST)

Extensive ground holding assembled over 100km of strike, adjacent to operating gold mines

Ringlock Dam - nickel sulphide prospects on strike extensions of ultramafic belt that hosts the high-grade Silver Swan massive nickel sulphide deposit

Other project areas – e.g. **Ponton** offer new-frontier exploration opportunities



Yarri Regional.
Pipeline of high-quality gold targets in proven terrain.

>100km of prime soil-covered gold exploration tenure.

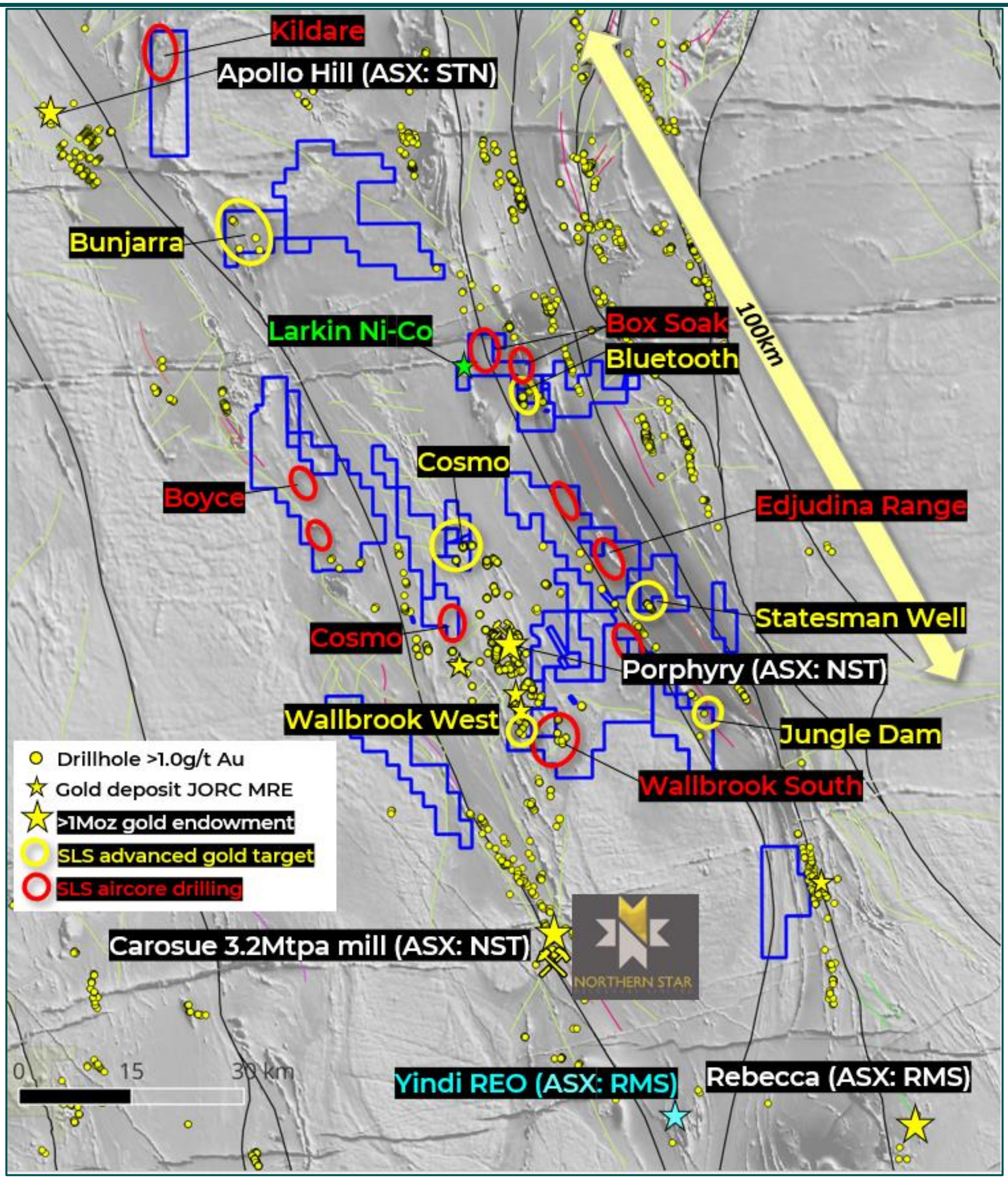
Sequential aircore drilling of new targets through 2024

First-pass aircore drilling through cover = a **tried-and-true gold discovery pathway**

Disciplined target generation + aircore drilling = cost efficiency

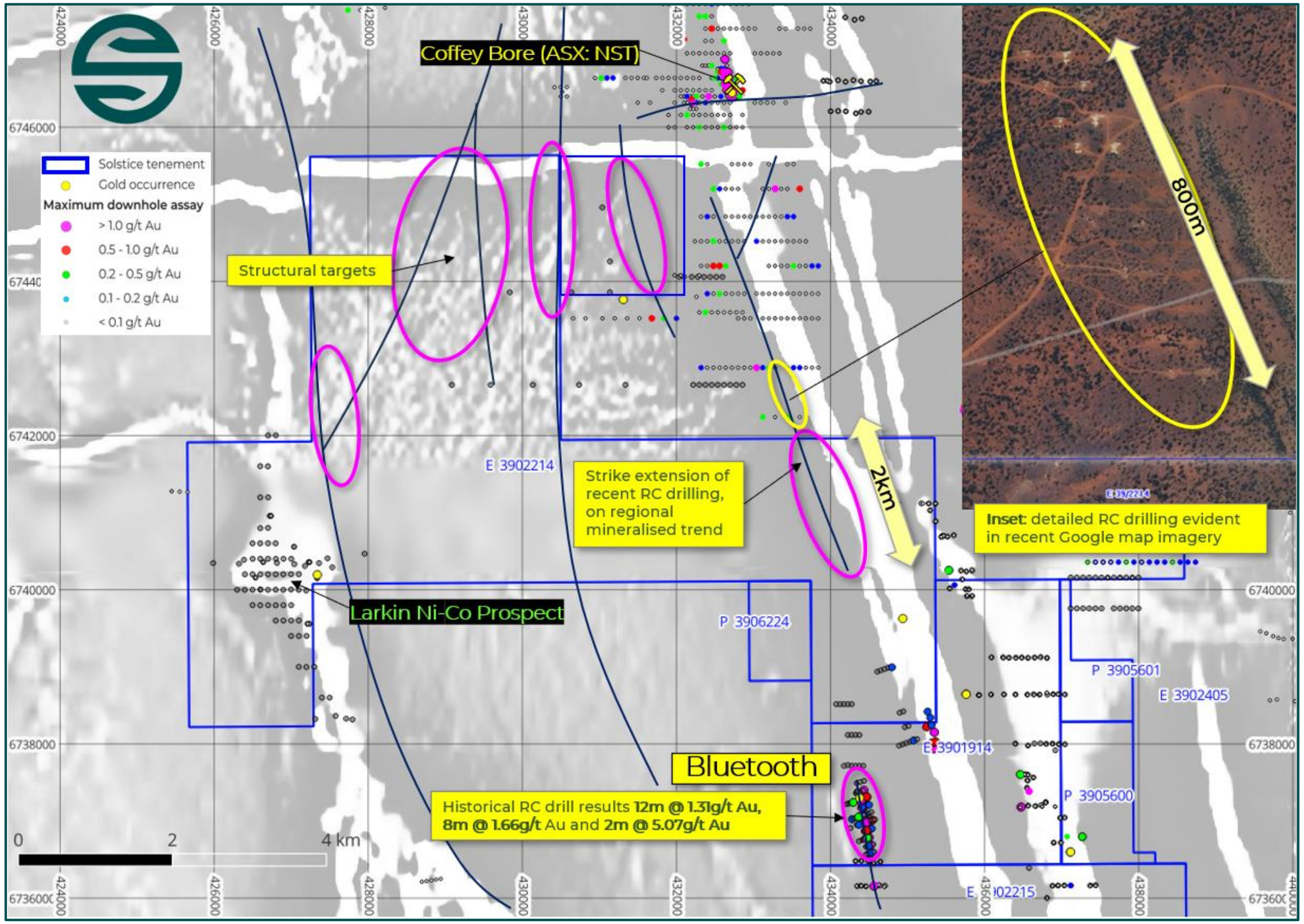
Hobbes sale to **Northern Star** demonstrates that **new discoveries are well placed for commercial outcomes** in an active gold camp

Multiple 100% owned kilometre scale untested targets, plus strike & structural prospects with >1.0g/t gold results[1] in historical drilling



1. For historical >1g/t gold drilling refer to ASX: ORR 8 February 2022 'Exploration Update, Eastern Goldfields, Western Australia', ASX: SLS 14 March 2022 'Prospectus', ASX: ORR 15 March 2022 ('Demerger & IPO Presentation'), and ASX: ORR 26 March 2022 ('March 2022 Quarterly Activities Report'). For Yindi REE source: ASX: RMS 23/01/2023

Greenfield Gold Targets.



Box Soak Gold Targets.

Gold mineralised setting[1], **multiple structural targets** below widespread alluvial cover

Recent **RC and diamond drilling by neighbour**, geology trends directly into Solstice licence

Widespread +1g/t gold intercepts in historical drilling[1] at **Bluetooth Prospect**, follow-up targets

Kilometre-scale greenfield gold structural targets undergoing first-pass aircore drilling[2]

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 14 March 2022 'Prospectus',
2. ASX: SLS 16 January 2024 'Solstice Readies For Drilling New High Priority Gold Targets'.

Greenfield Gold Targets.

Bunjarra.

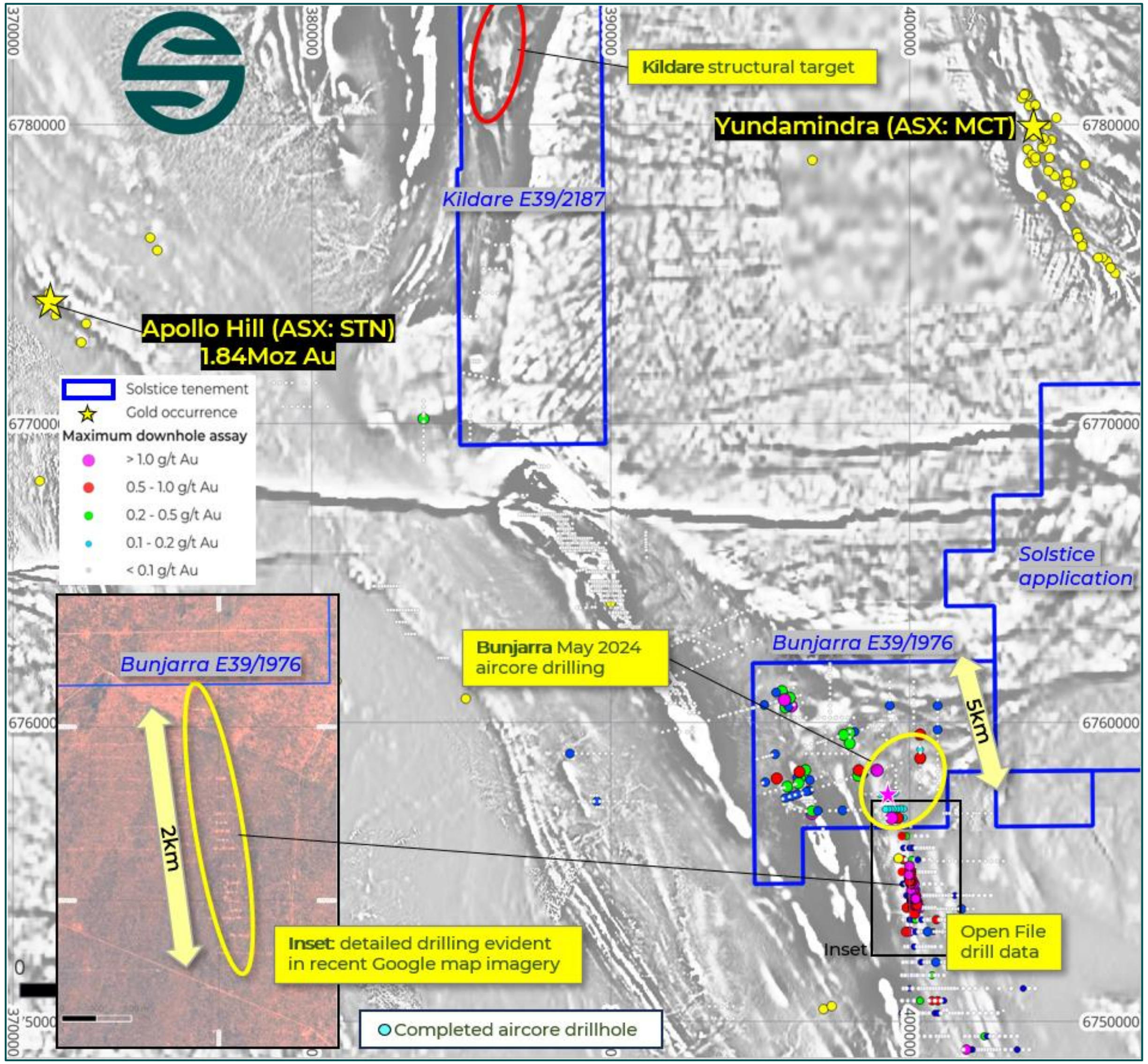
In well-endowed terrain & on regional gold trend

Excellent fold hinge structural setting 15km from Saturn Metals' (ASX: STN) 1.8moz[1] Apollo Hill deposit

High density RC and Diamond drilling directly south of licence points to active gold setting

Solstice reconnaissance aircore results to 2m @ 1.85g/t Au[2], multiple anomalous zones at end of hole (EOH)

Historical[3] aircore results to 1m @ 14.8 g/t Au and rock-chip assays to 6.67g/t Au demonstrates grade potential



1. ASX: STN 28 June 2023 'Apollo Hill Gold Resource Upgraded to 1.84moz'.
2. ASX: SLS 16 January 2024 'Solstice Readies For Drilling New High Priority Gold Targets'.
3. ASX: ORR 8 February 2022 'Exploration Update Eastern Goldfields Western Australia'.

Greenfield Gold Targets.

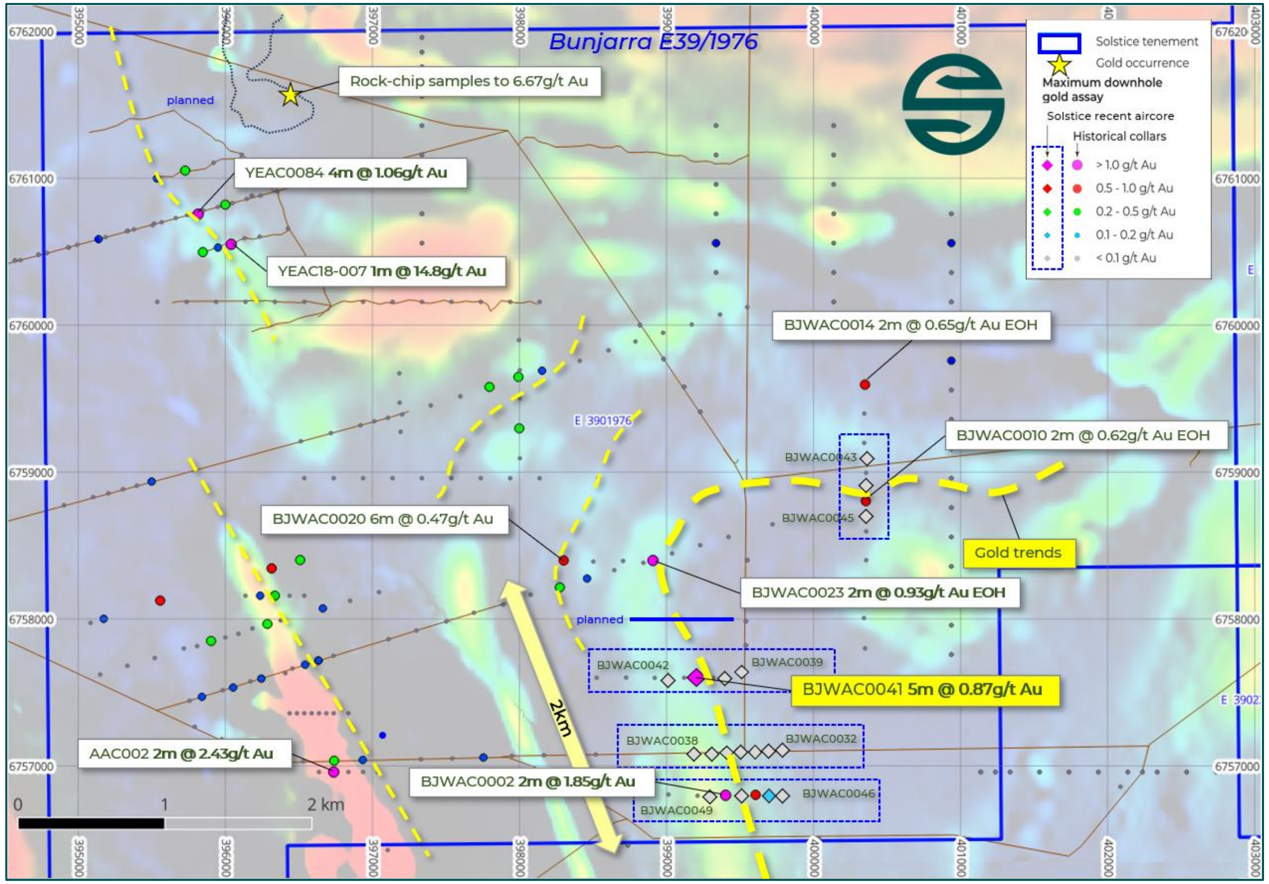
Bunjarra cont.

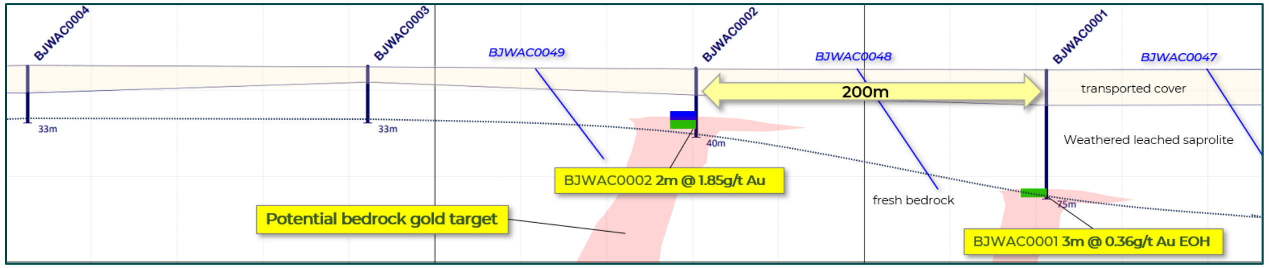
Series of >1km targets under shallow alluvial cover, supported by **widespread EOH gold anomalism** in historical holes[1] and first stage aircore drilling[2]

Wide-spaced aircore drilling 2023[2] and 2024[3] identified multiple new mineralised positions below shallow cover

Altered EOH samples below leached weathering profiles, gold often associated with porphyry intrusive

Scheduled for infill aircore and **first RC testing H2 2024**





1. ASX: ORR 8 February 2022 'Exploration Update, Eastern Goldfields, Western Australia'.
2. ASX: SLS 10 October 2023 'Greenfield Gold Drilling Identifies New Gold Prospects at Bunjarra'.
3. ASX: SLS 24 June 2024 'Further Gold Anomalism at Bunjarra Points Toward Drill Targets'.

Greenfield Gold Targets.

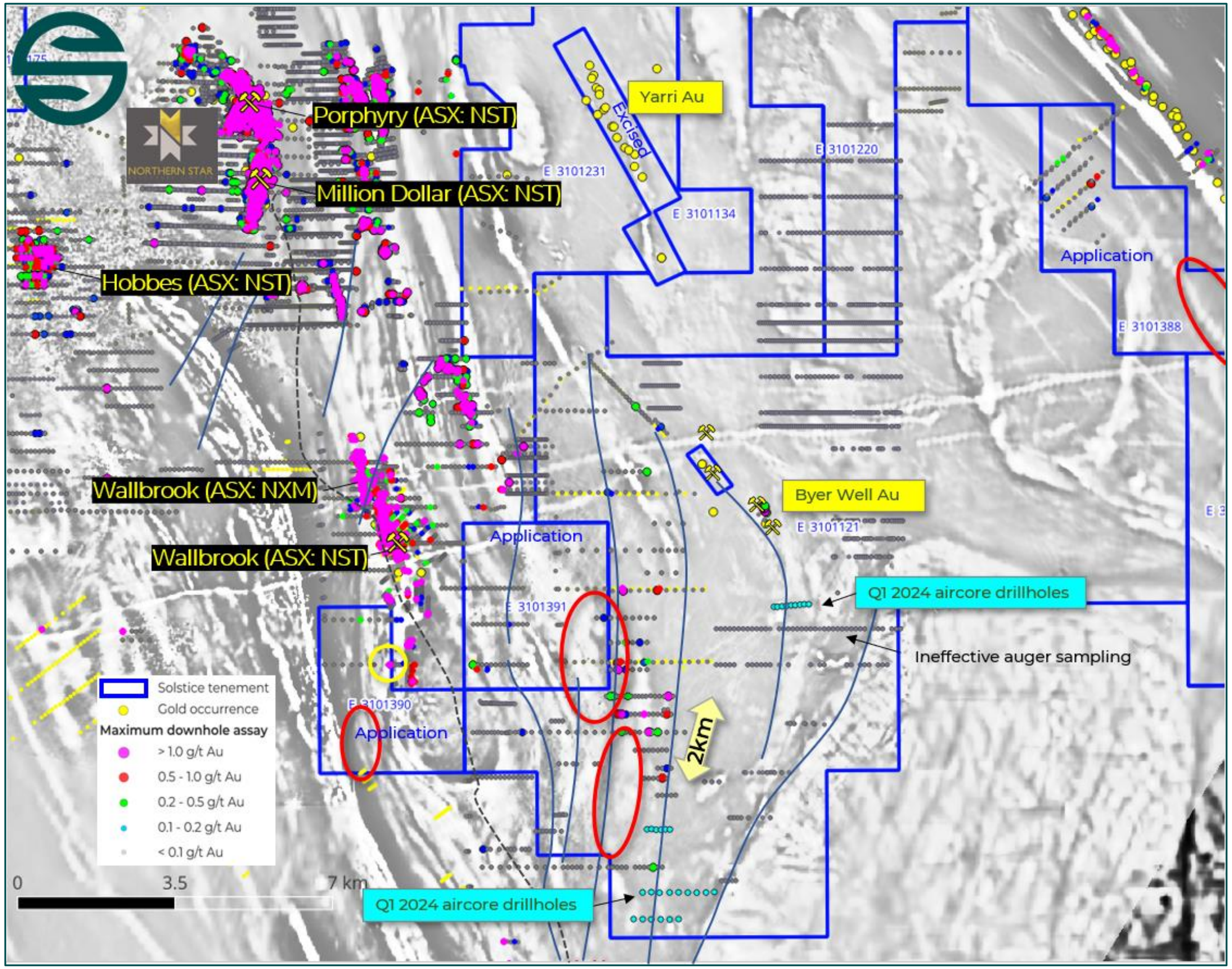
Wallbrook South.

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

Strong Nth and NE structures only partly-tested by past aircore drilling and 2024 recce lines

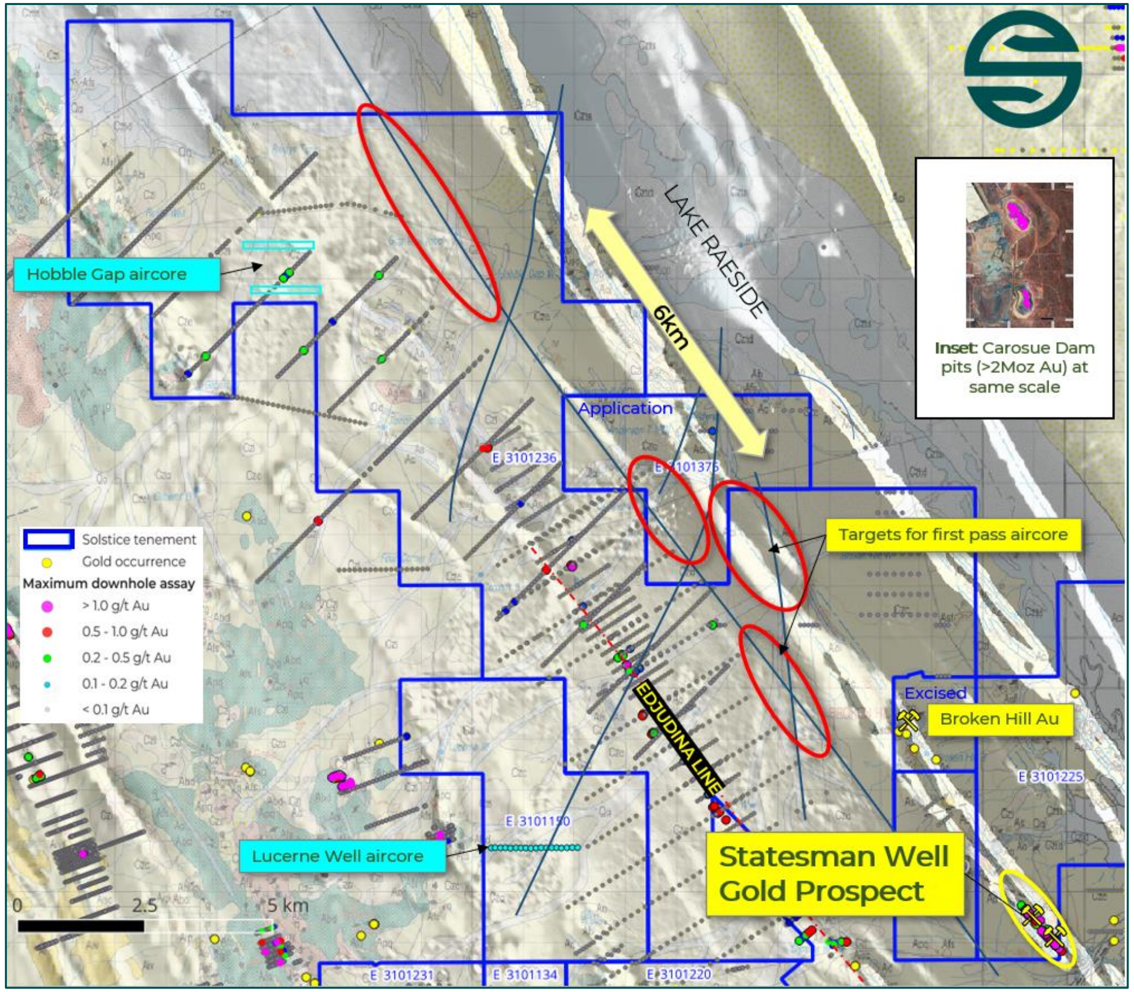
Widespread +1g/t gold intercepts in historical drilling[1], piecemeal exploration history

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.

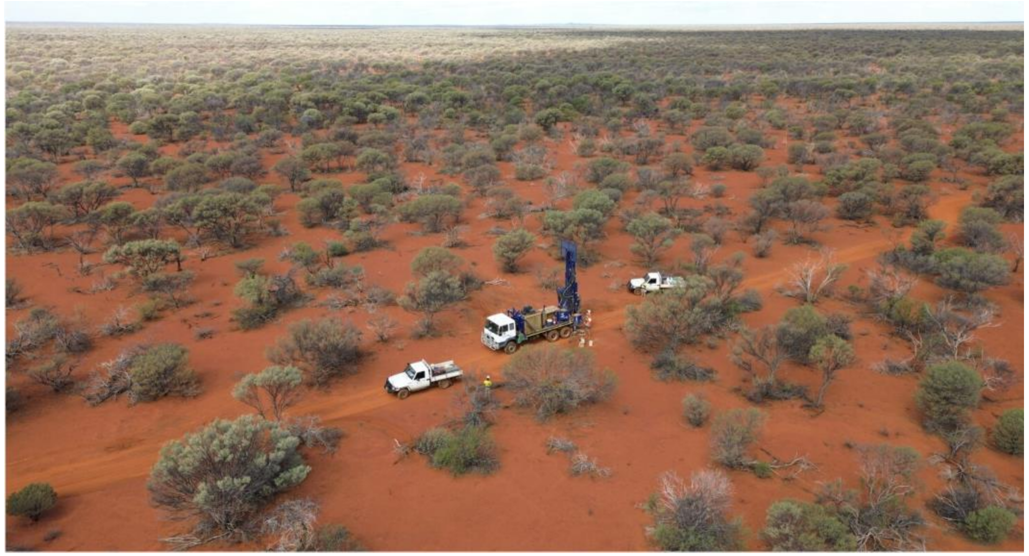
Greenfield Gold Targets.



Edjudina Range.

On regional **Statesman Well** to **Bluetooth** structural and geological trend, strike-extensive gold prospects in outcropping Banded Iron Formation (BIF) terrain[1]

Kilometre-scale greenfield gold structural targets in preparation for first-pass aircore drilling[2]



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 13 February 2024 ‘Drilling Underway at New Gold Targets’.

Advanced Gold Targets.

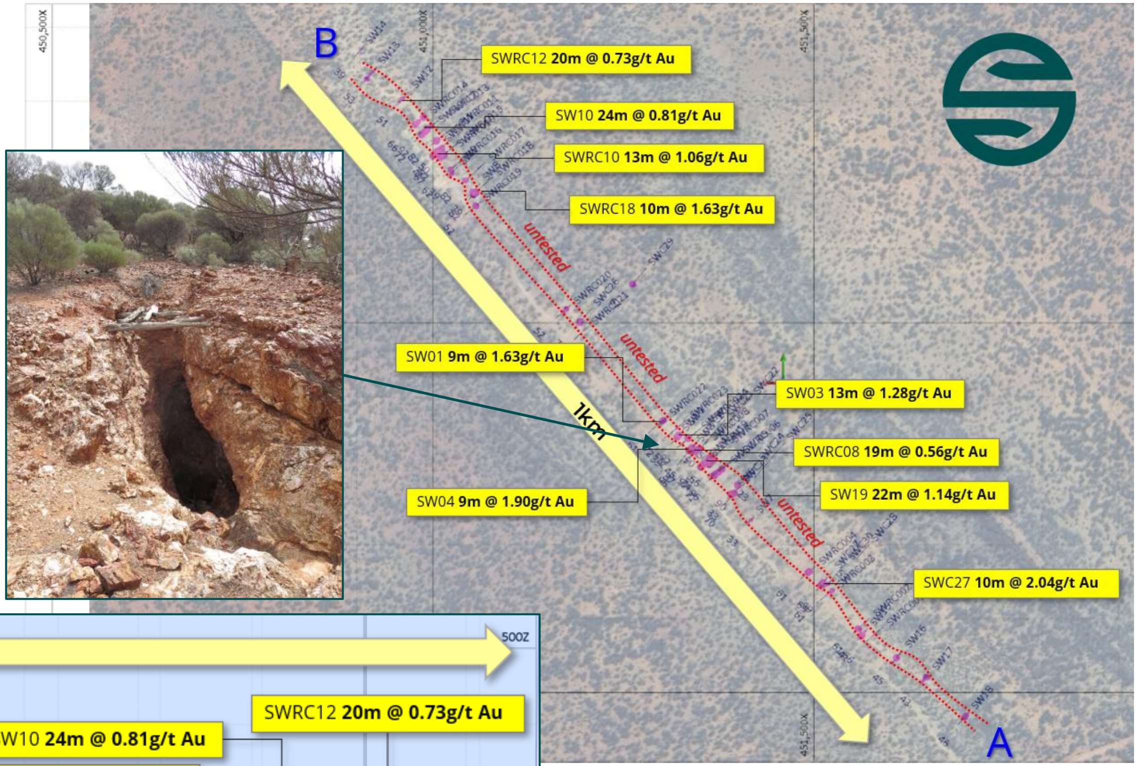
Statesman Well.

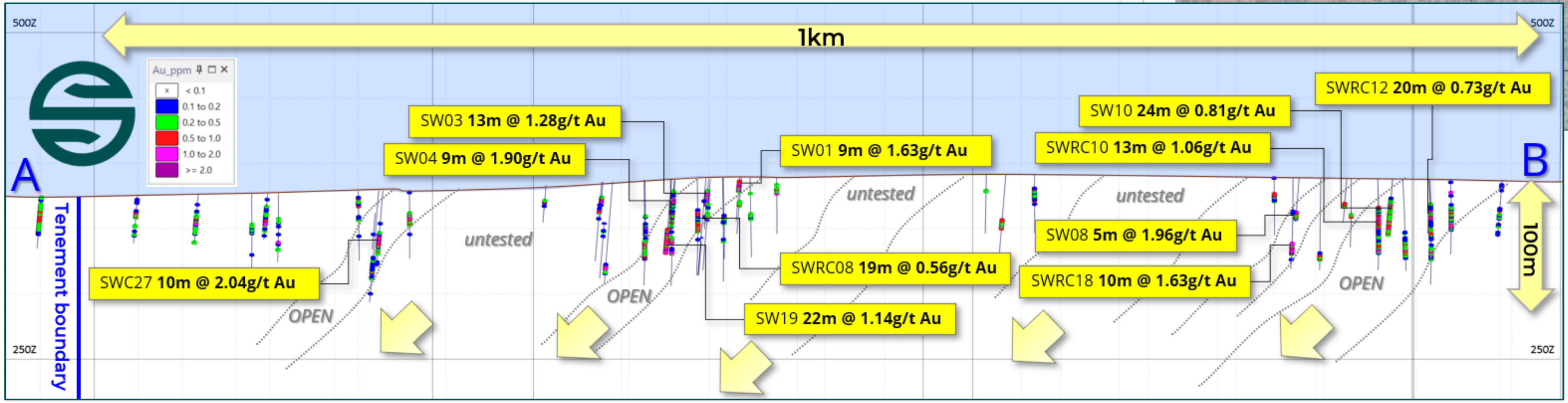
Multiple 10-20m wide +1g/t gold intercepts in historical drilling[1]

1km long zone of BIF hosted gold anomalism and workings

Open south-plunging shoots[2] and untested panels

Heritage cleared and **ready for RC drilling**





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’.

Advanced Gold Targets.

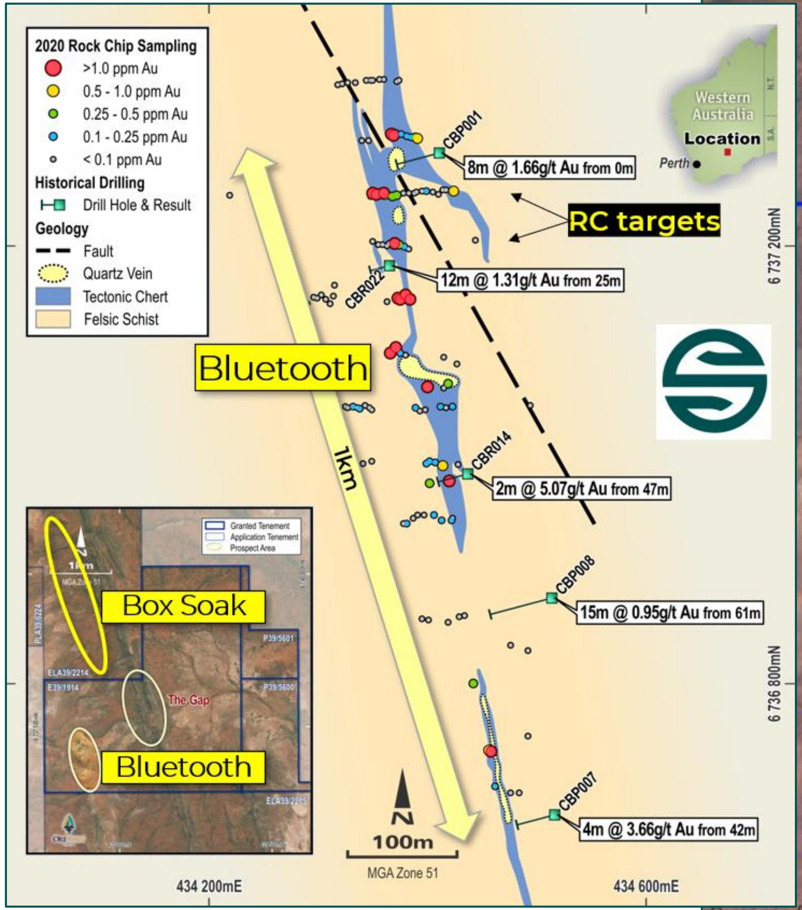
Bluetooth.

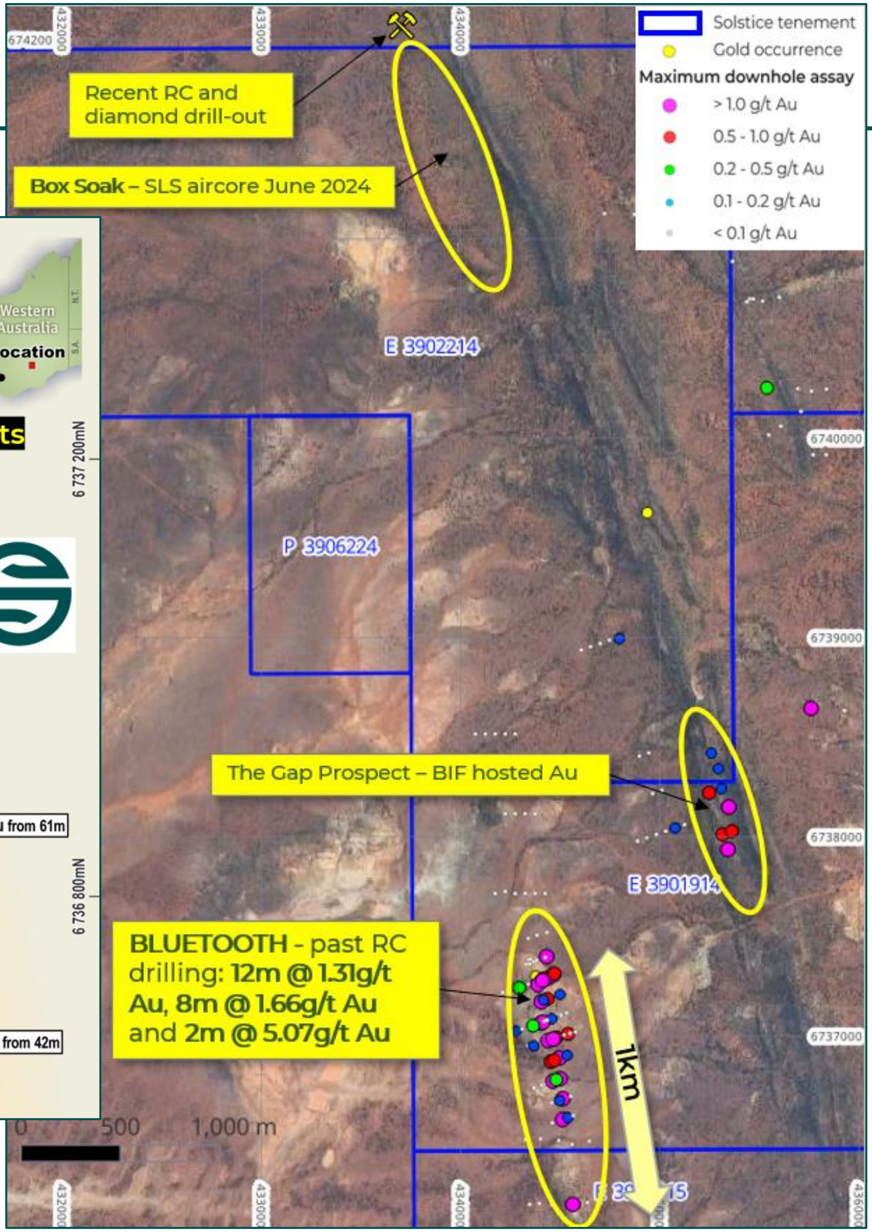
Widespread +1g/t gold intercepts in piecemeal historical RC drilling[1]

Silicified chert and quartz veining with untested plunge potential

Drilling at wide spacing, offers infill and extensional targets

Heritage cleared and **ready for RC 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 , and ASX: SLS 14 March 2022 'Prospectus'.

Basemetal Potential?

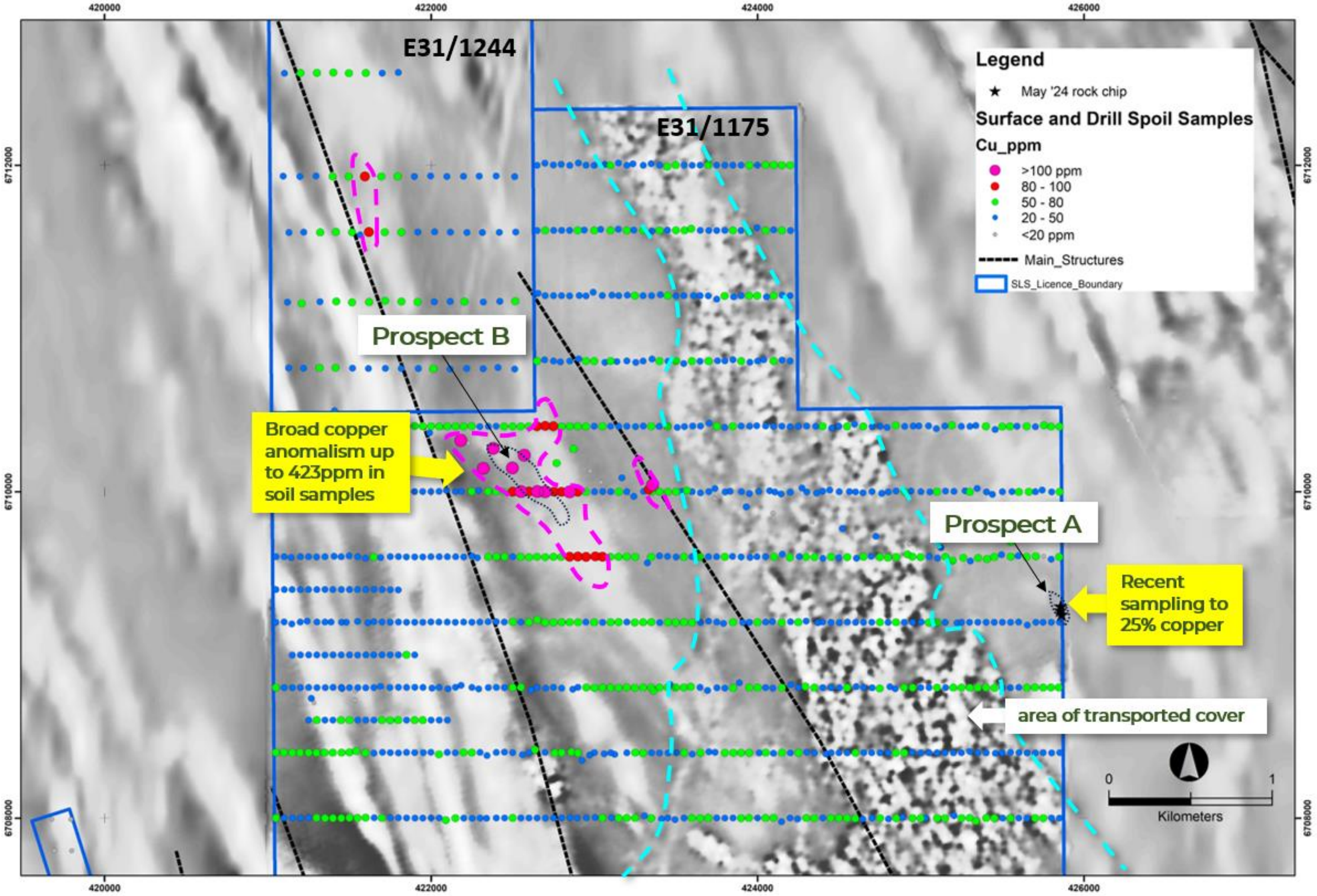
Cosmo – possible Cu-Au VMS

25.0% Cu, **6.1g/t Au** and 137g/t Ag and **19.5% Cu**, **3.7g/t Au** and 19g/t Ag in recent grab samples[1] at **Prospect A**

Unexplained copper in soil anomaly[2] extending **over 1km strike** at **Prospect B**

Permissive geological setting, limited historical basemetal work, no drilling, no modern geophysical surveys

Follow-up programs being designed



1. ASX: SLS 27 May 2024 'High Grade Rock Chip Samples to 25% Copper Highlight Base Metal Potential at Yarri Project'
2. Refer to ASX: SLS 28 April 2022 'Prospectus'.

Ponton Project.
New frontier Exploration

Ponton Project.

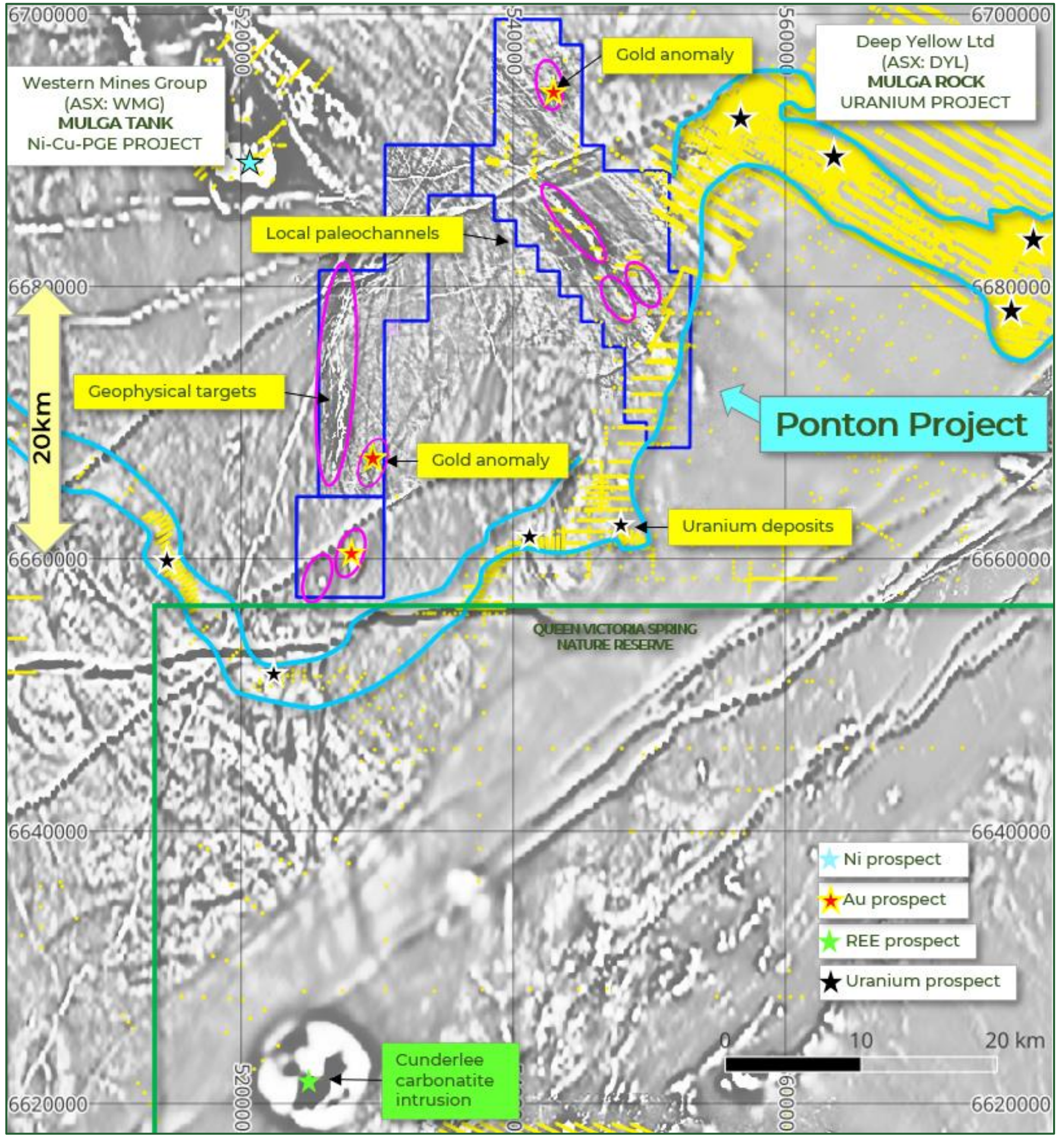
Located 200km NE of Kalgoorlie in gneiss terrain

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



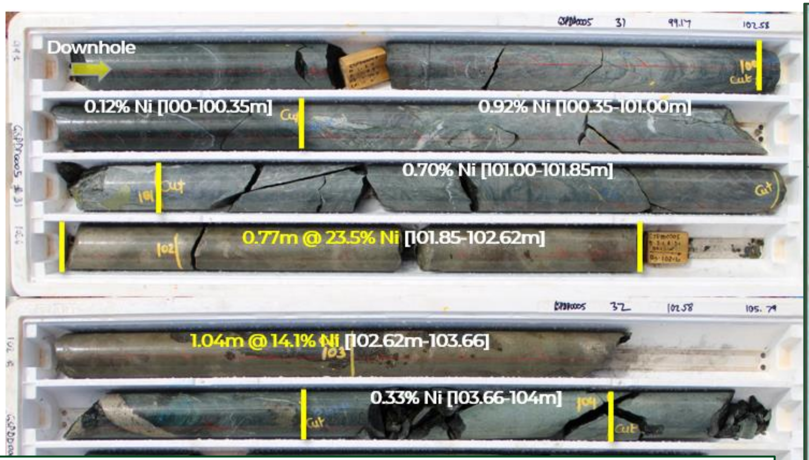
1. ASX: SLS 14 July 2022 'Significant Gold Anomalies Confirmed by Infill Soil Sampling at the Nippon Licence, Ponton Project',
2. For historical drill collars refer to WA DMIRS/Data and Software Centre/Statewide spatial datasets/Mineral Exploration Drillholes.

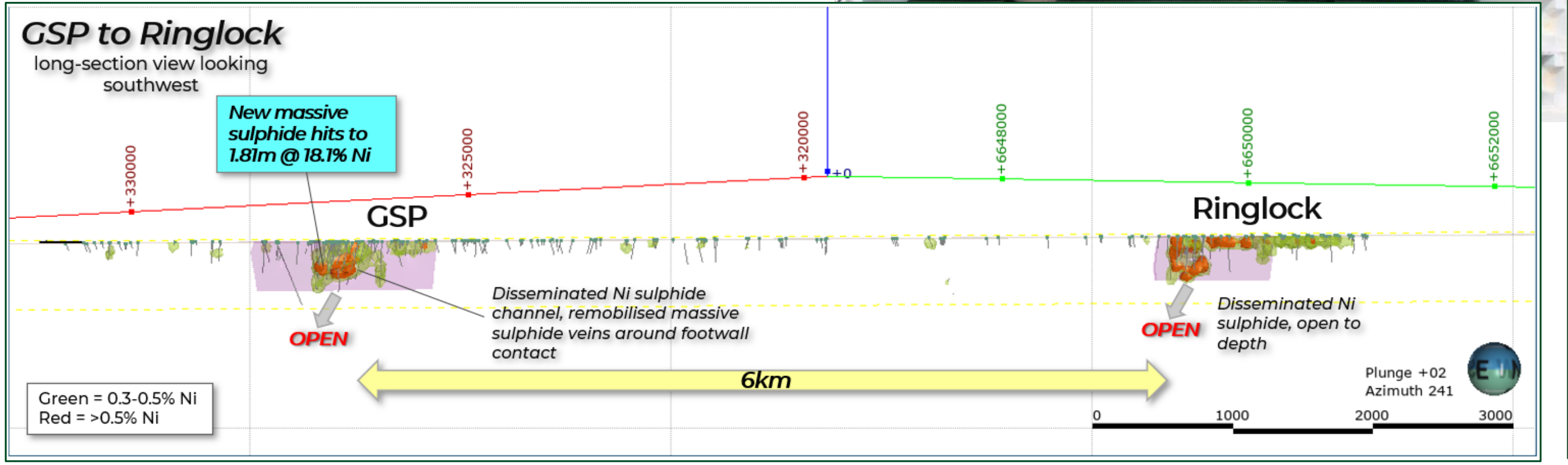
Ringlock Project.
Nickel sulphides.
Grade is King.

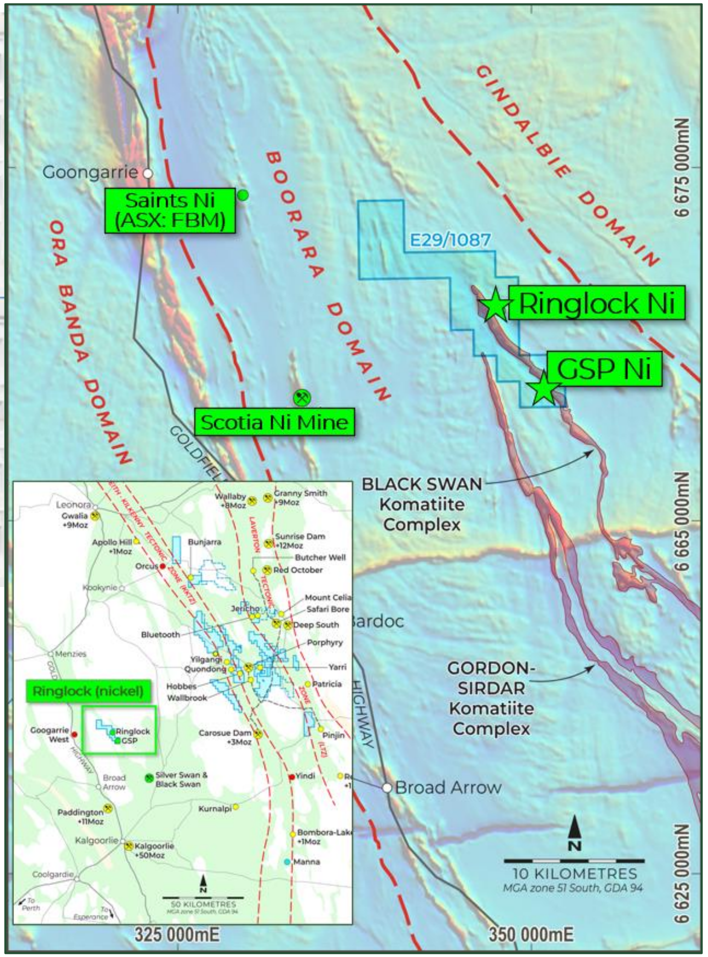
GSP Prospect: drill results **1.81m @ 18.1%** nickel on Silver Swan trend.

Advanced massive sulphide target at **GSP** with high-tenor nickel sulphide intercepts[1]

8.0m @ 2.4% nickel from 113.4m (GS033)
2.9m @ 2.9% nickel from 166.7m (GS013)
4m @ 2.3% nickel from 104m (MJRC047)
6m @ 2.3% nickel from 85m (RPD002)
4.0m @ 1.4% nickel from 145m (MJRC048)







1. ASX: SLS 02/12/2022 ‘Commencement of Nickel Drilling at Ringlock Dam’, and ASX: SLS 10/03/2023 ‘High Grade Nickel Sulphide Drill Results at GSP Prospect’.

Near term news flow and upcoming catalysts.

- Sequential aircore drilling of **prime soil-covered gold targets**
- Follow-up aircore/RC drilling as prospects evolve
- Regional: identification and ranking of new gold targets and other metals potential
- **~$17.5M cash allows fast, non-dilutive operational flexibility**
- **Ongoing review and assessment of new corporate development opportunities**

SUMMARY

Extensive, prospective and hard to replicate ground package in Eastern Goldfields

Compelling new structural targets for first-stage testing

Commitment to review and turn-over ground

Next door to existing infrastructure, proven commercial pathways

Robust cash position of $17.5M allows corporate development opportunities

Excellent leverage to exploration success, commercial outcomes

Pipeline of other exciting drill ready and greenfield gold and metals targets

Proven exploration and corporate team

Thank you.