

Exploring WA's Premier Gold Provinces

Investor Update

May 2025

ASX code : HMG



Photo : UFF Soil Sampling Anderson - January 2025

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The information in this report that relates to Exploration Results is based on information compiled by Mr. Peter Bewick who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Bewick hold shares and options in Hamelin. He is a full time employee of Hamelin and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bewick consents to the inclusion in the report of the matters based on the information compiled by him, in the form and context in which it appears.

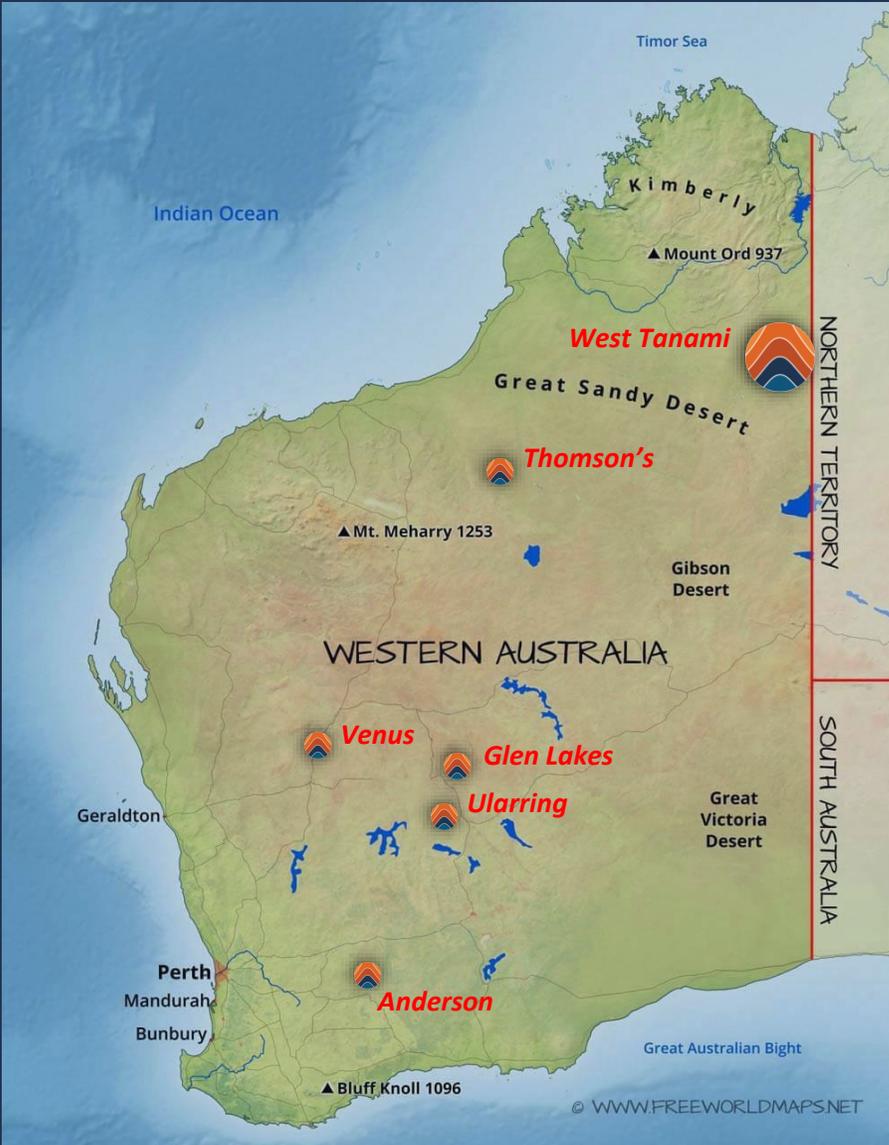
Hamelin confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed. Hamelin confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcements.

Newmont Tanami Operations Resource estimated from Newmont 2022 Reserve Release (www.newmont.com/investors/reports-and-filings/default) and the 'Newmont Tanami Operations AGES Paper April 2024' referred to in this presentation is Crawford A., Thebaud N., Masurel Q., Maidment D. 2024 Geology and Regional Setting of the Oberon Gold Deposit (https://geoscience.nt.gov.au/gemis/ntgjspui/bitstream/1/92875/3/CrawfordAGES2024_paper.pdf)

This announcement has been approved for release by the Board of Hamelin.



Hamelin Gold Corporate Shapshot



BOARD and KEY MANAGEMENT



Will Robinson
Non Executive Chairman
B.Comm, MAusIMM



Peter Bewick
Managing Director
B.Eng (Hons), MAusIMM



Justin Osborne
Non Executive Director
B.Sc (Hons), FAusIMM, MAICD



Philip Crutchfield KC
Non Executive Director
B.Comm, LL.B (Hons), LL.M LSE

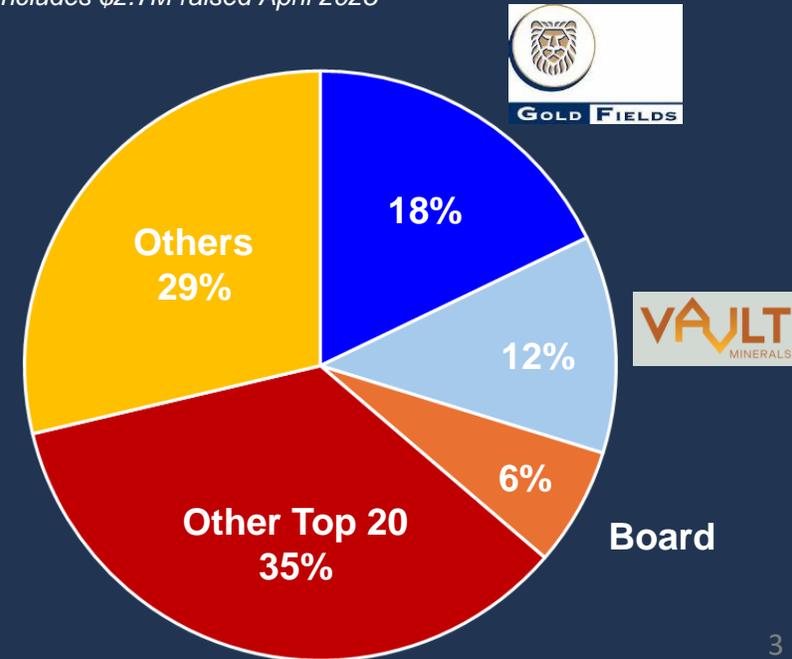


Clayton Davys
Exploration Manager
B.Sc (Hons)

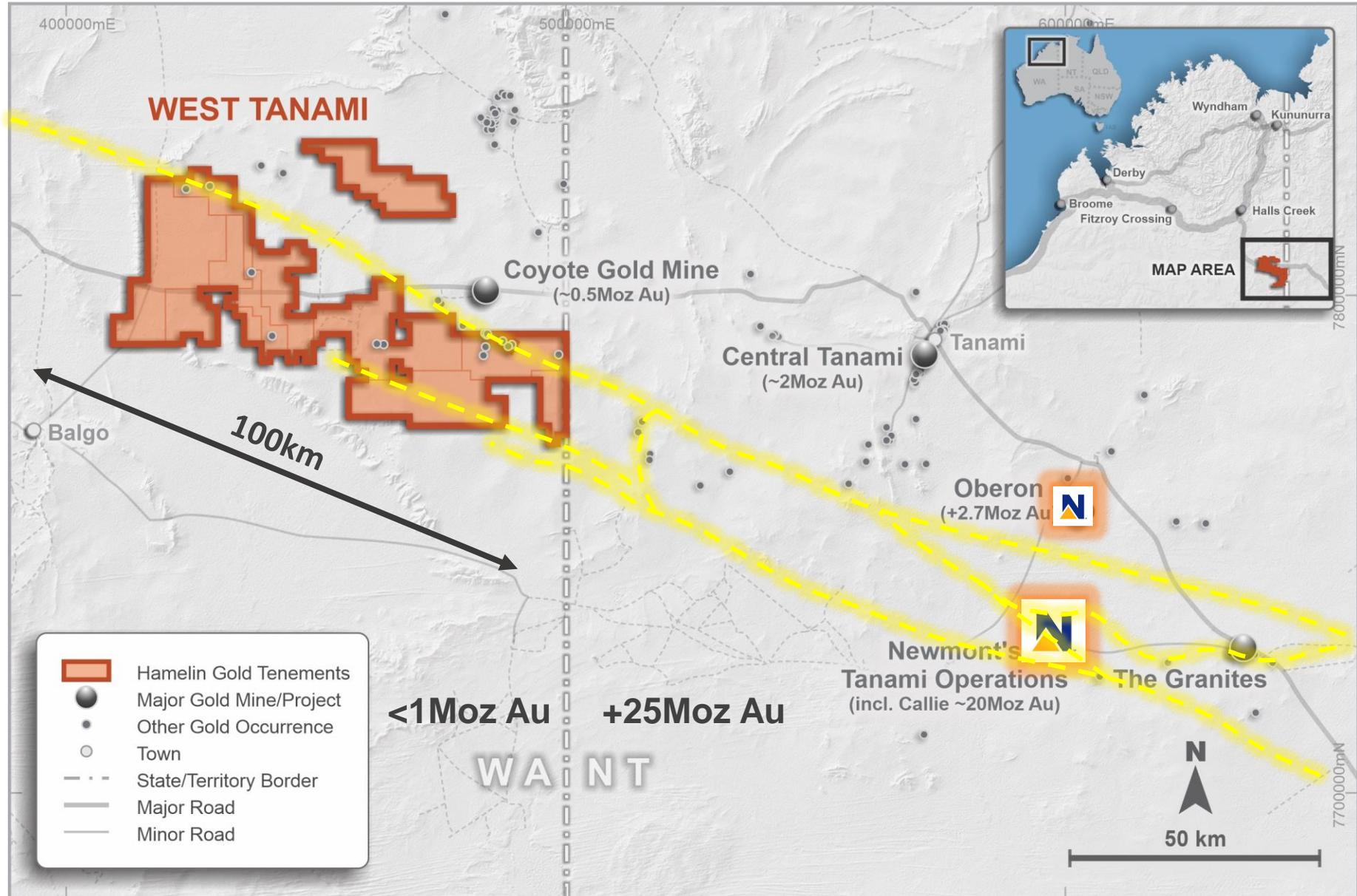
CAPITAL STRUCTURE

| | |
|--------------------------------|---------|
| Shares on Issue | 196.9M |
| Employee and Broker options | 18.1M |
| Market capitalisation (@ 9.0c) | \$17.7M |
| Cash* | ~\$5.7M |
| Enterprise value | \$12.0M |

* Includes \$2.7M raised April 2025



West Tanami: 1,900km² Project in a Tier 1 Goldfield



A New Dawn in the Tanami

Driven by new discoveries and endowment potential

Newmont

- US\$1.7B expansion including 1.46km shaft
- Lowest cost gold production globally (AISC US\$1,060¹)
- Expanding from ~500,000oz pa to +650,000oz pa
- Major new development project at Oberon +2.7Moz²

Northern Star

- Central Tanami JV with Tanami Gold
- A\$15M 2023/24 exploration budget³

Gold Fields

- Killi Resources JV – A\$13M earn-in
- 18% shareholding in Hamelin Gold



TE2 Headframe – Newmont's Tanami Gold Operations

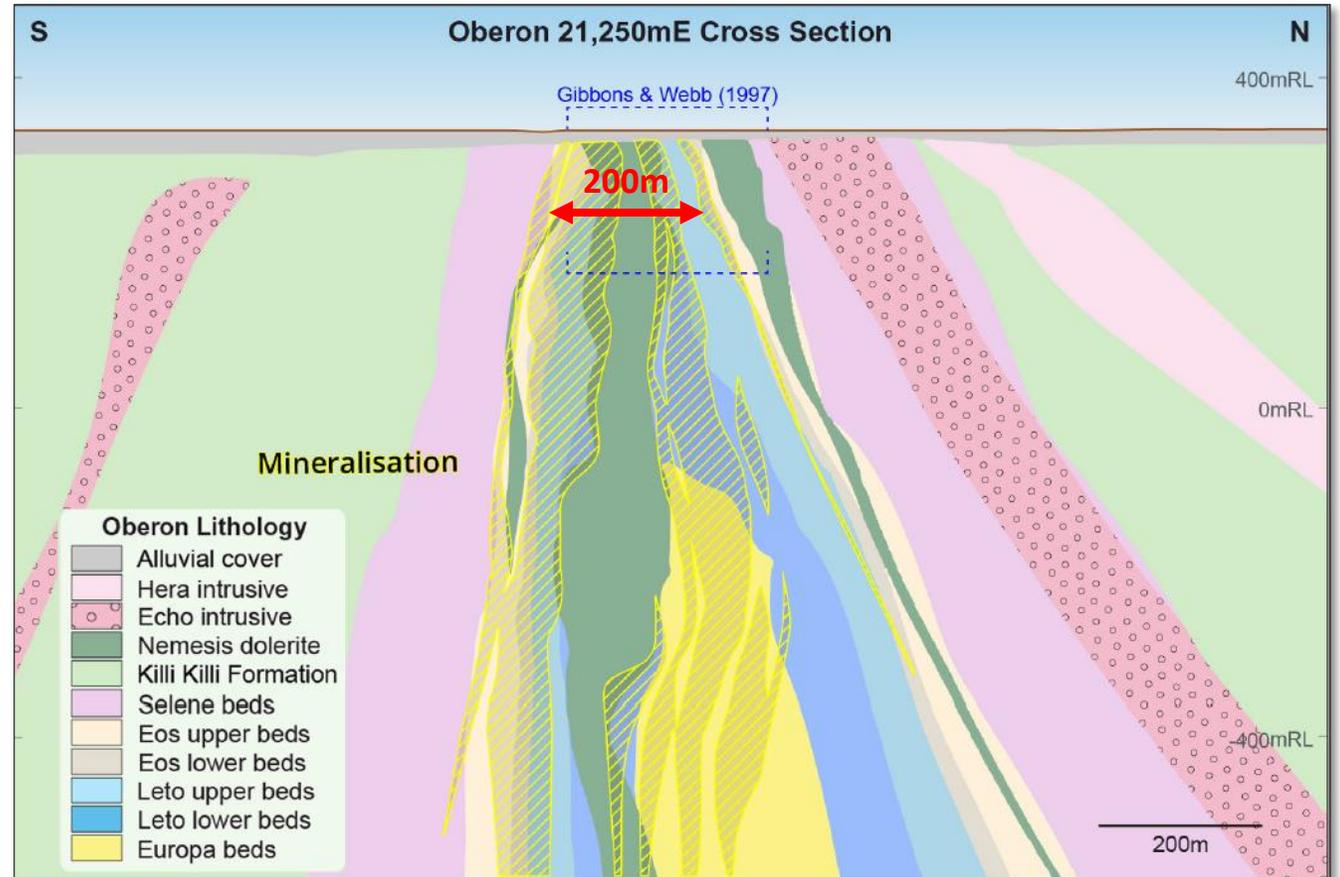


Refer to Newmont 2023 Annual Report¹ and Newmont Tanami Operations AGES Paper Crawford et al 2024² and Tanami Gold ASX Announcement 27 June 2023³

Newmont's Oberon Discovery

2.7Moz and growing

- Latest major development project in the Tanami for Newmont
- Single point geochemical anomaly (2ppb Au) and single EOH auger anomaly (28ppb Au) undercover
- Broad (+2km) alteration footprint
- Hosted within and on the margins of a tightly folded dolerite unit
- New prospective stratigraphic sequence identified – Mt Charles Formation
- Intense drilling program ongoing with expectations of significant resource growth



Oberon Deposit cross section

New Technologies for Undercover Terrains



Target Generation : Prediction and Detection

*New Geophysical Datasets : Airborne
EM, gravity and magnetics*

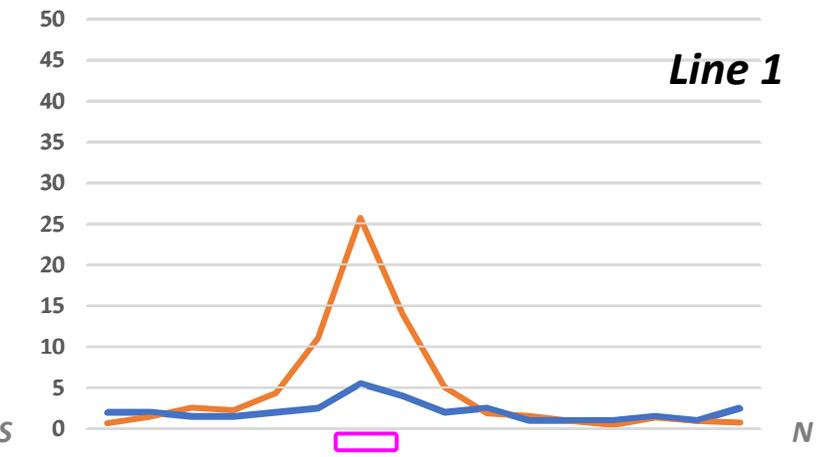
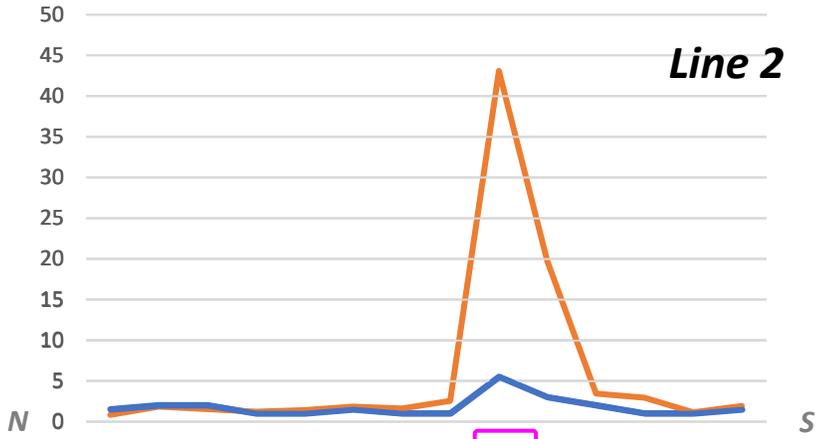


*New Geochemical Tools : CSIRO
developed Ultrafine[®] soils*

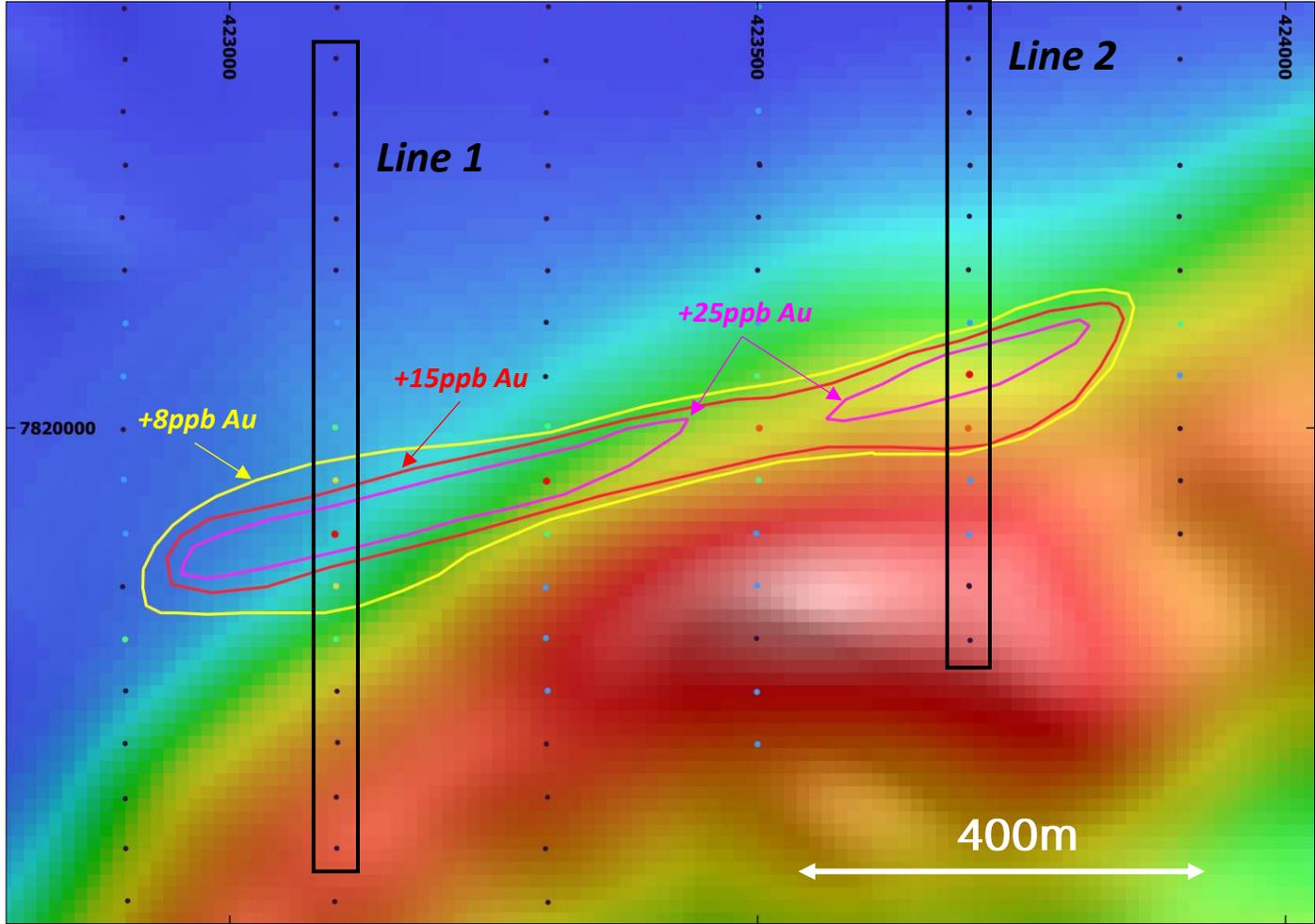


Amplifying Gold Signatures Undercover

Conventional Soils vs New Ultrafine® Technology



— Conventional Soils (-2mm)
 — Ultrafine®



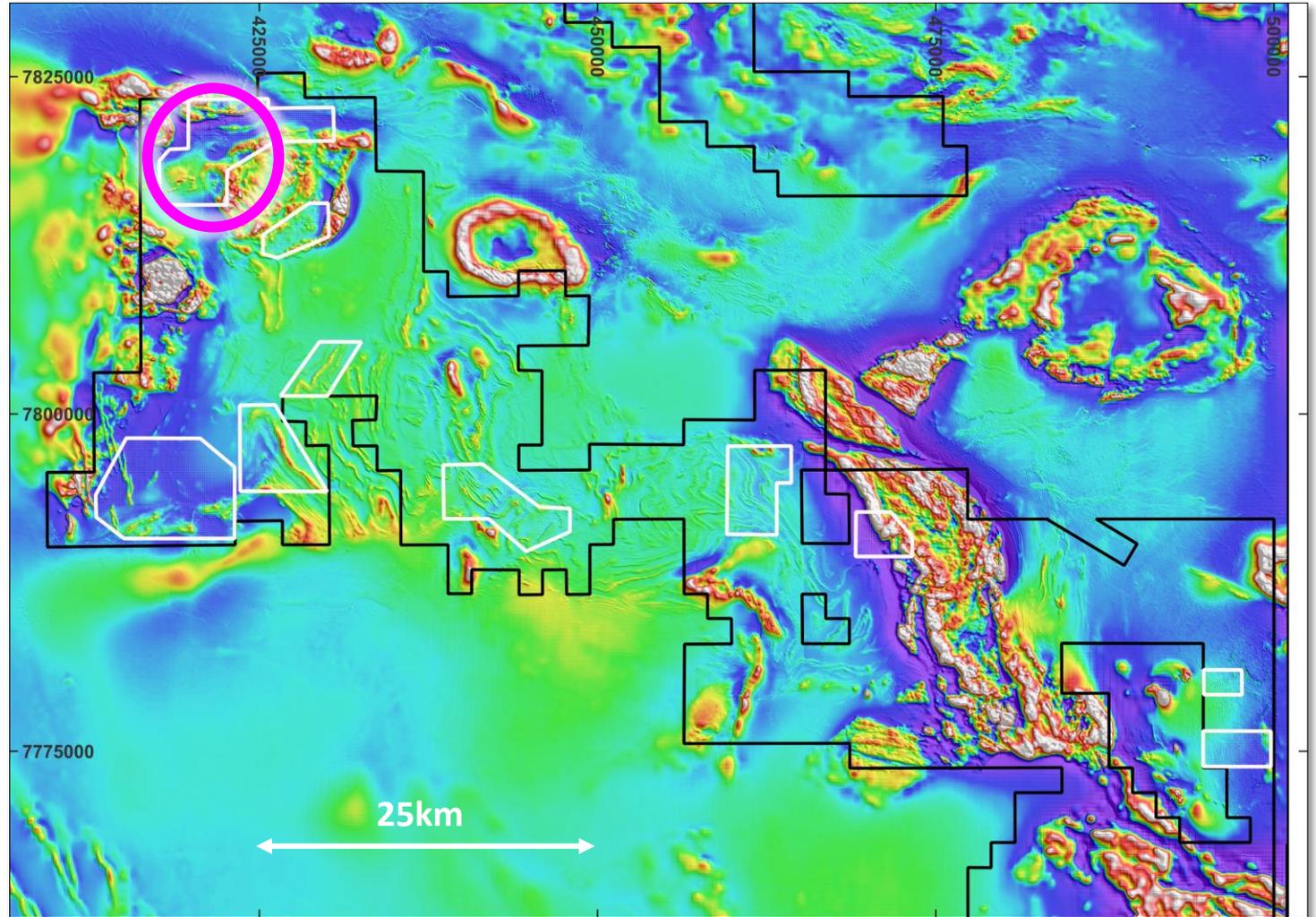
Sultan West – Ultrafine Soil Results on magnetics background



Refer ASX Announcement dated 26 September 2023

Regional Geochemical Program

- Orientation surveys and trials completed through 2023/24
- 10 regional scale geochemical targets tested in late 2024
- Validation across multiple surficial conditions and varying geological settings
- +3,000 surface sample program completed
- Samples analysed utilising the CSIRO developed Ultrafine ® technique

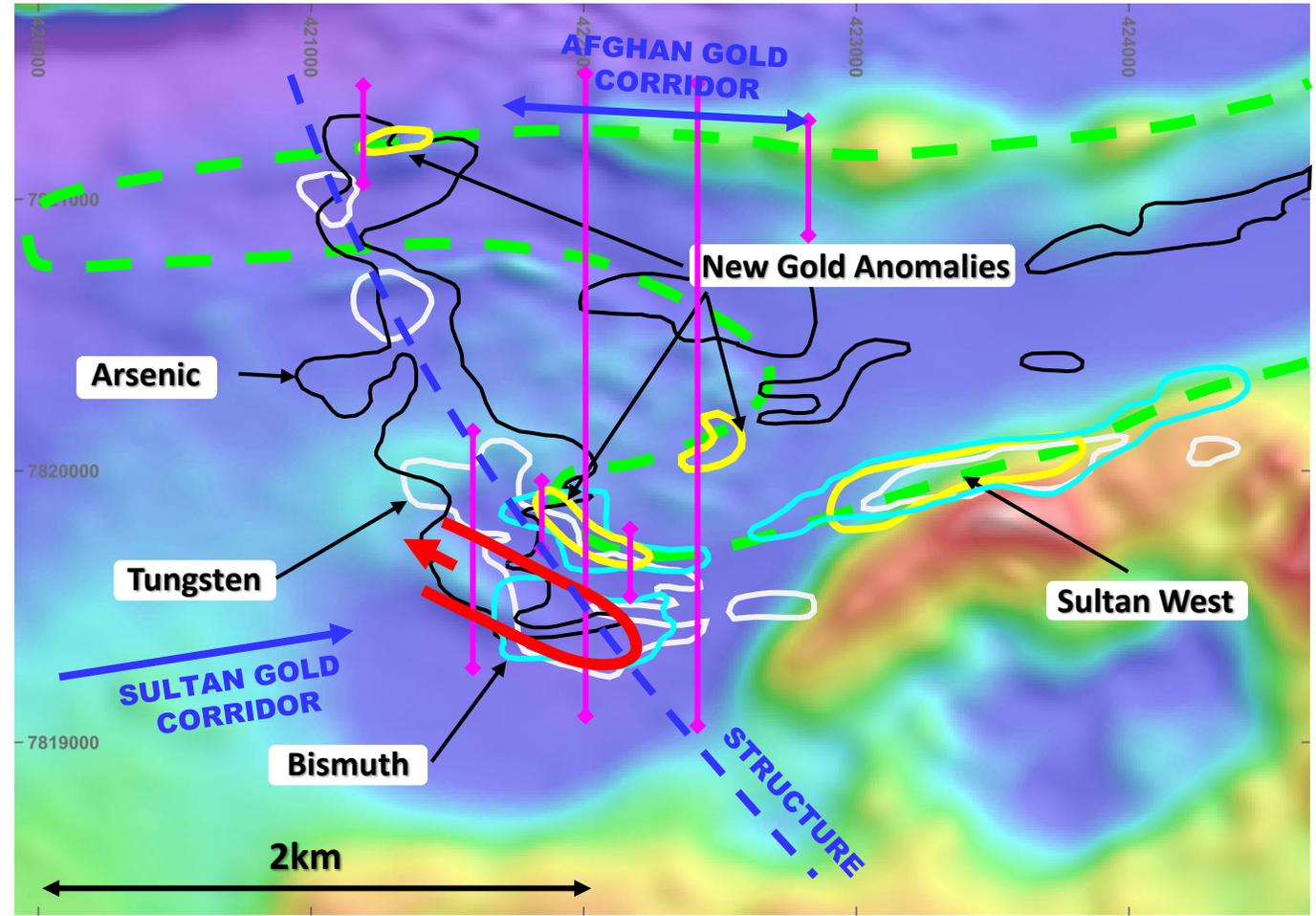


West Tanami Project – Regional geochemical program

Jazz Prospect

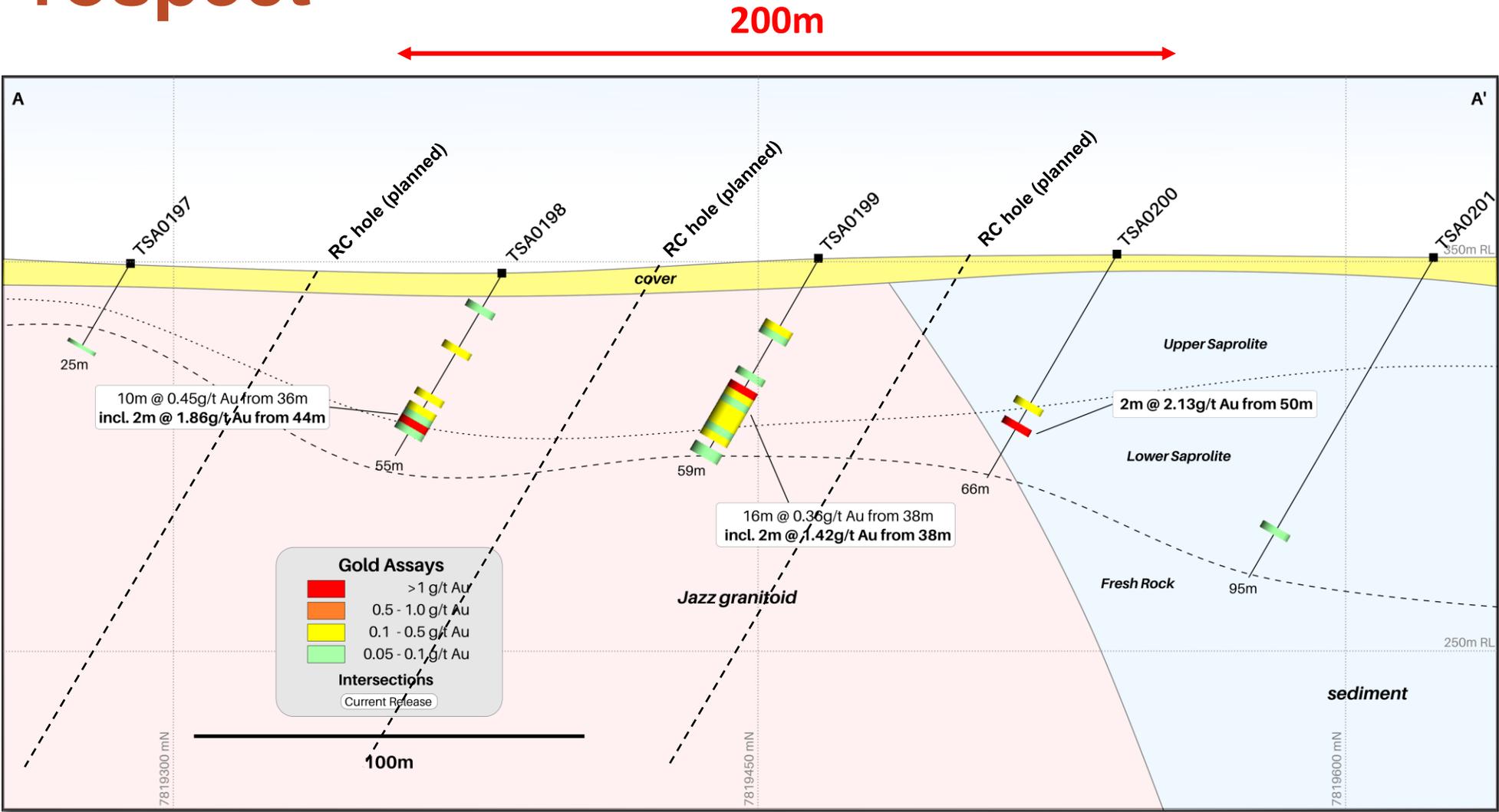
Strong conceptual and empirical anomalies

- Complex folded and faulted geology containing host mafic unit
- Gold + Bismuth 'mineralization signature' defined
- Large hydrothermal system mapped out in multiple elements As, Mo, W
- Favourable structural architecture
- Initial aircore program completed in late 2024 identifies new gold zone
- RC drilling June 2025



Jazz Prospect – Ultrafine anomalies on magnetics

Jazz Prospect



Jazz Prospect – Aircore Drill Section (422,020mN)

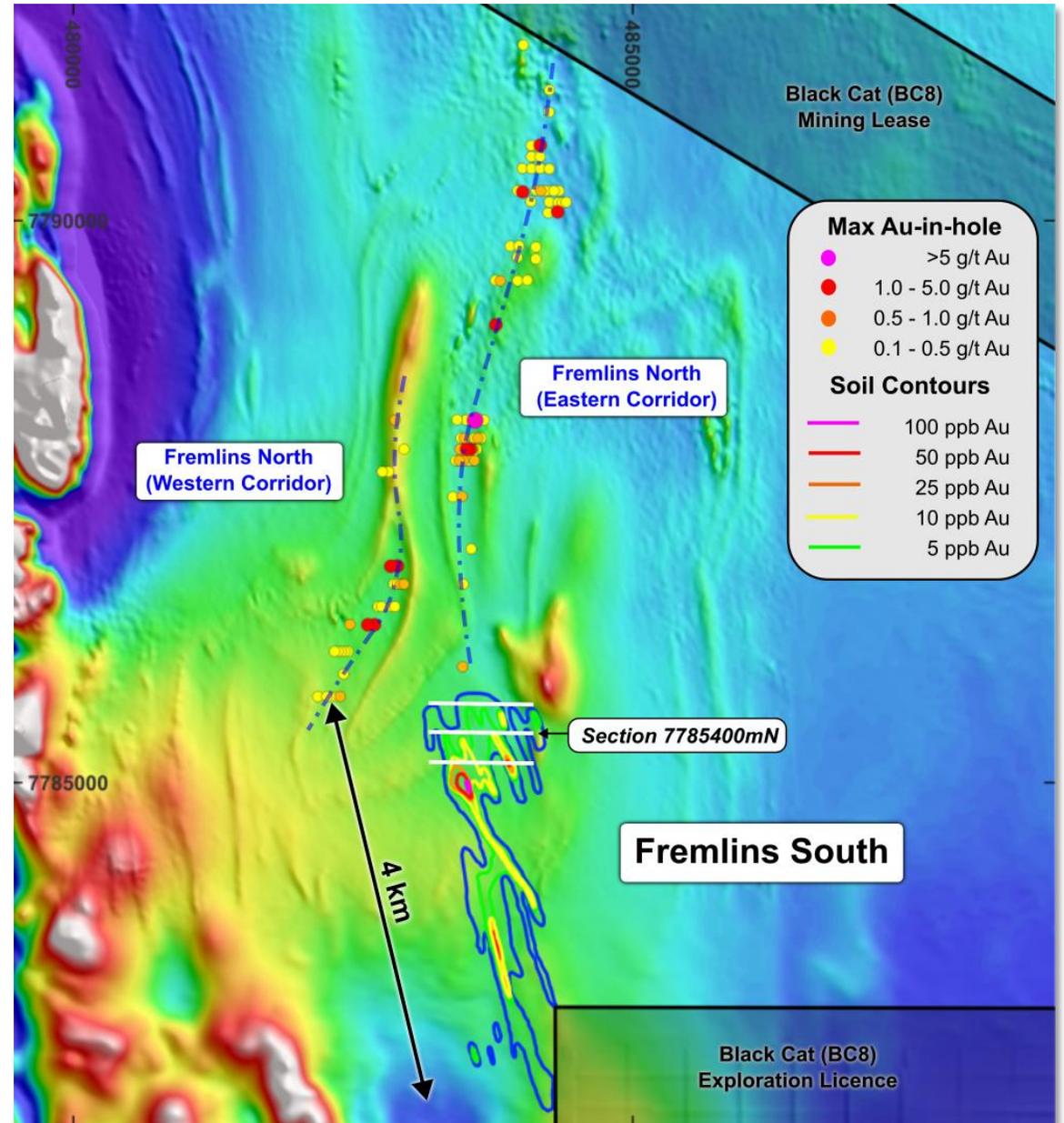
Refer ASX Announcement dated 13 January 2025

Fremlins Prospect

- 9 kilometre long gold system defined by geochem, shallow drilling
- Southern 4 kilometres ineffectively tested with 7 metre deep posthole RAB drilling
- Aircore drilling identified anomalism below shallow holes – January 2024
- 4 hole RC program defines broad zones of gold mineralisation in fresh rock August 2024
- Template for assessing similar ineffectively drilled targets across the West Tanami
- EIS co-funded RC drilling to commence in May 2025 (~2,400m)



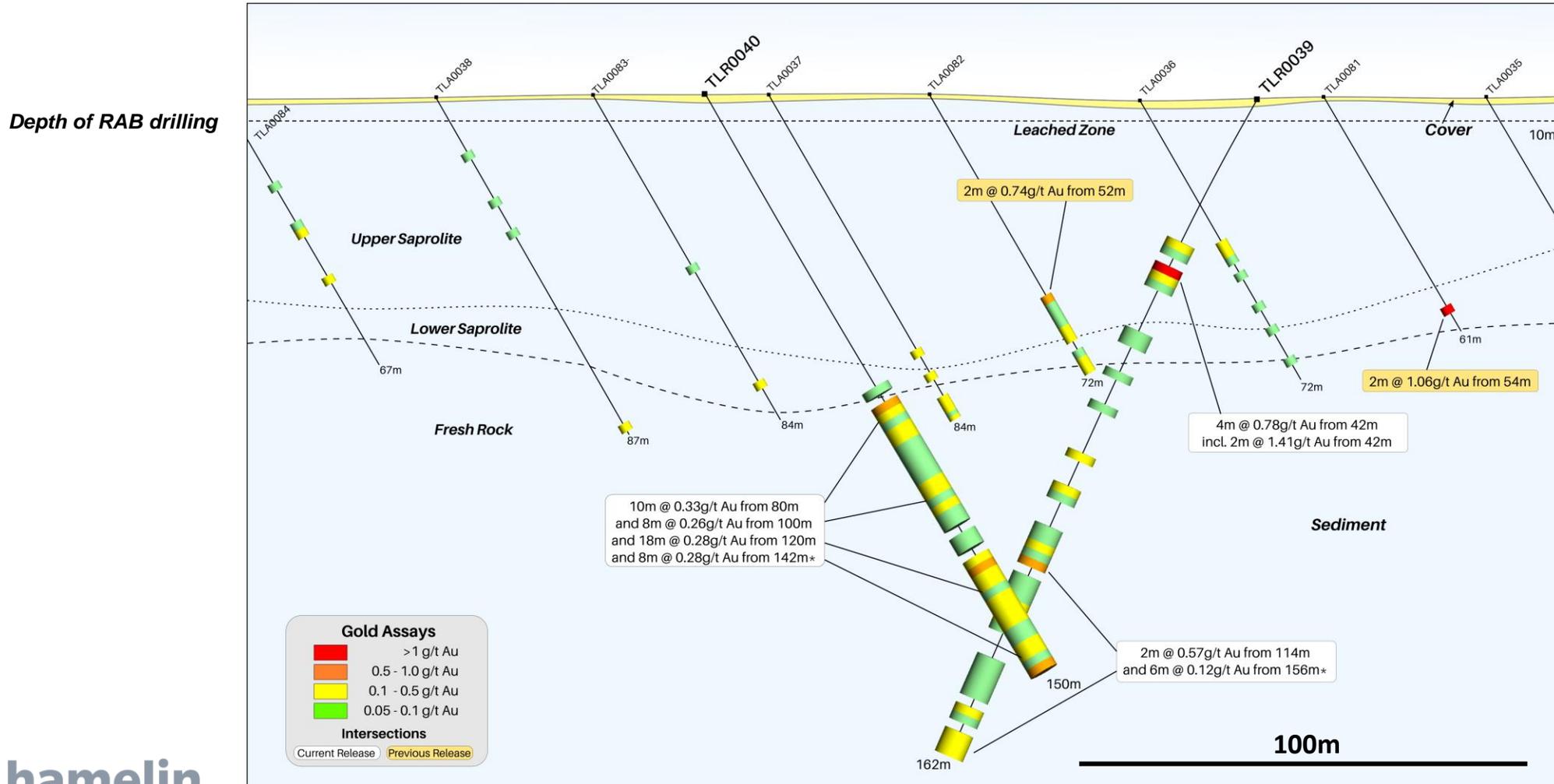
Refer ASX Announcements dated 26 August 2024



Geochemistry, max Au-in-hole on detailed TMI magnetics

Fremlins Prospect

Historical shallow, ineffective drilling

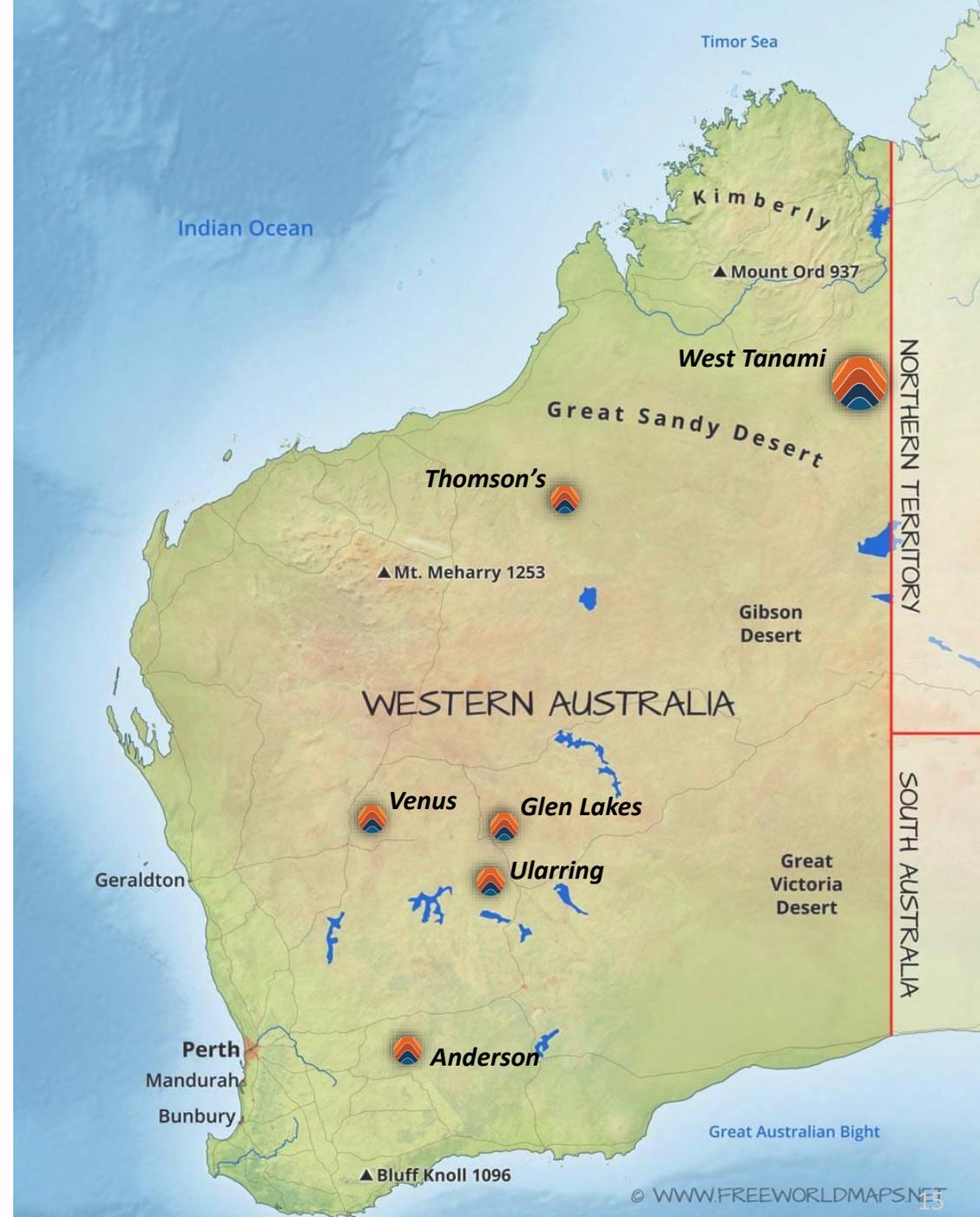


Fremlins South – X/S 7,785,400mN

Refer ASX Announcements dated 26 August 2024

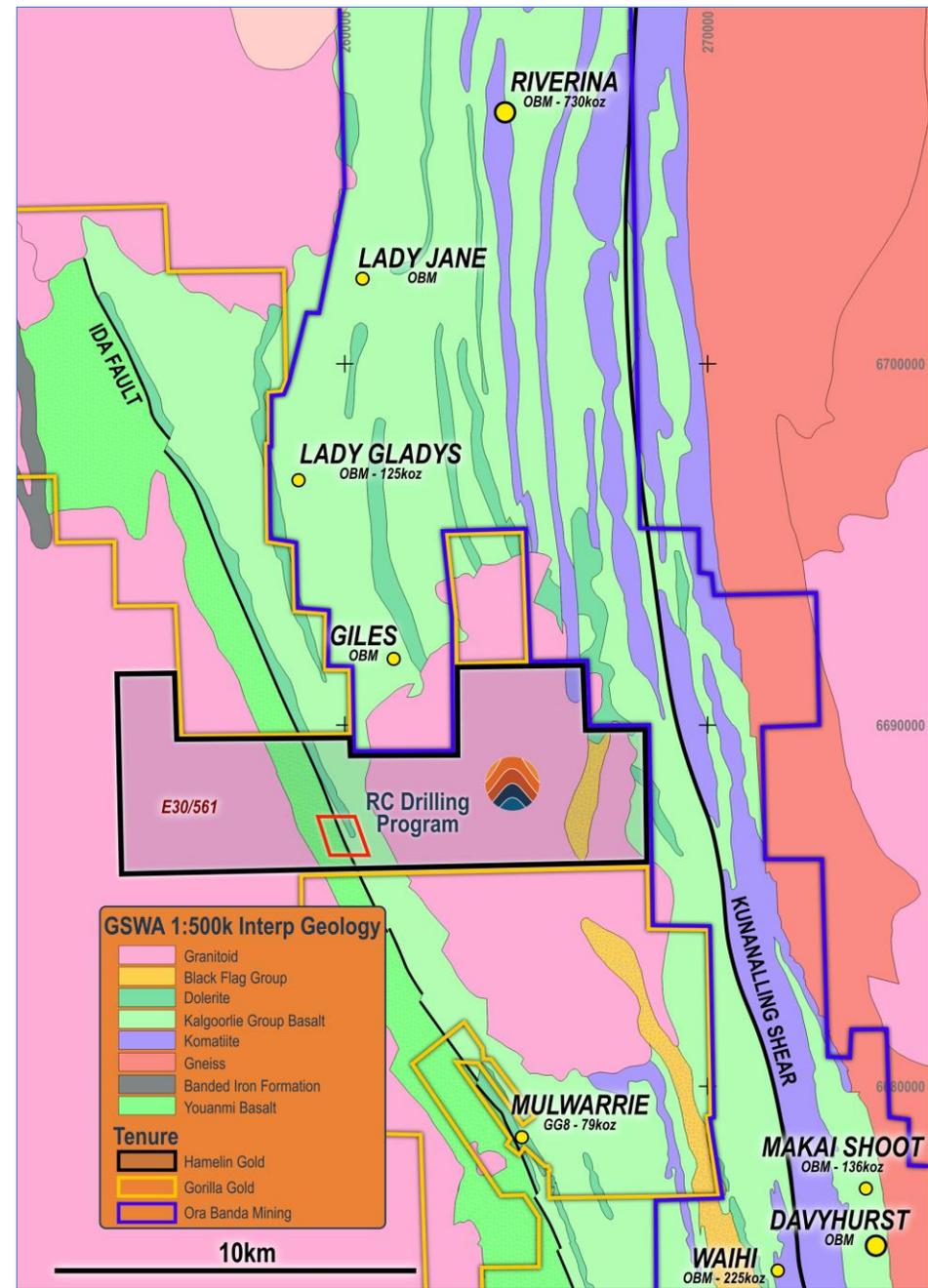
Yilgarn Projects

- **Ularring (Riverina South) – 61km²**
 - Adjacent to Gorilla Mining's Mulwarrie project and 18km south of Ora Banda's Davyhurst project
 - 2,216m RC drilling completed – assays due mid May 2025
- **Anderson (30km North of Hyden) - 500km²**
 - UFF soil survey completed (3 phases)
 - Limited rock chip sampling completed
 - Landowner discussions commenced
- **Venus (15km east of Cue) – 200km²**
 - Application covering the southern extension of the Tuckabianna and Comet gold trends
- **Glen Lakes (South of Bronzewing) – 55km²**
- **Thomson's (5km NW of Telfer) – 25km²**



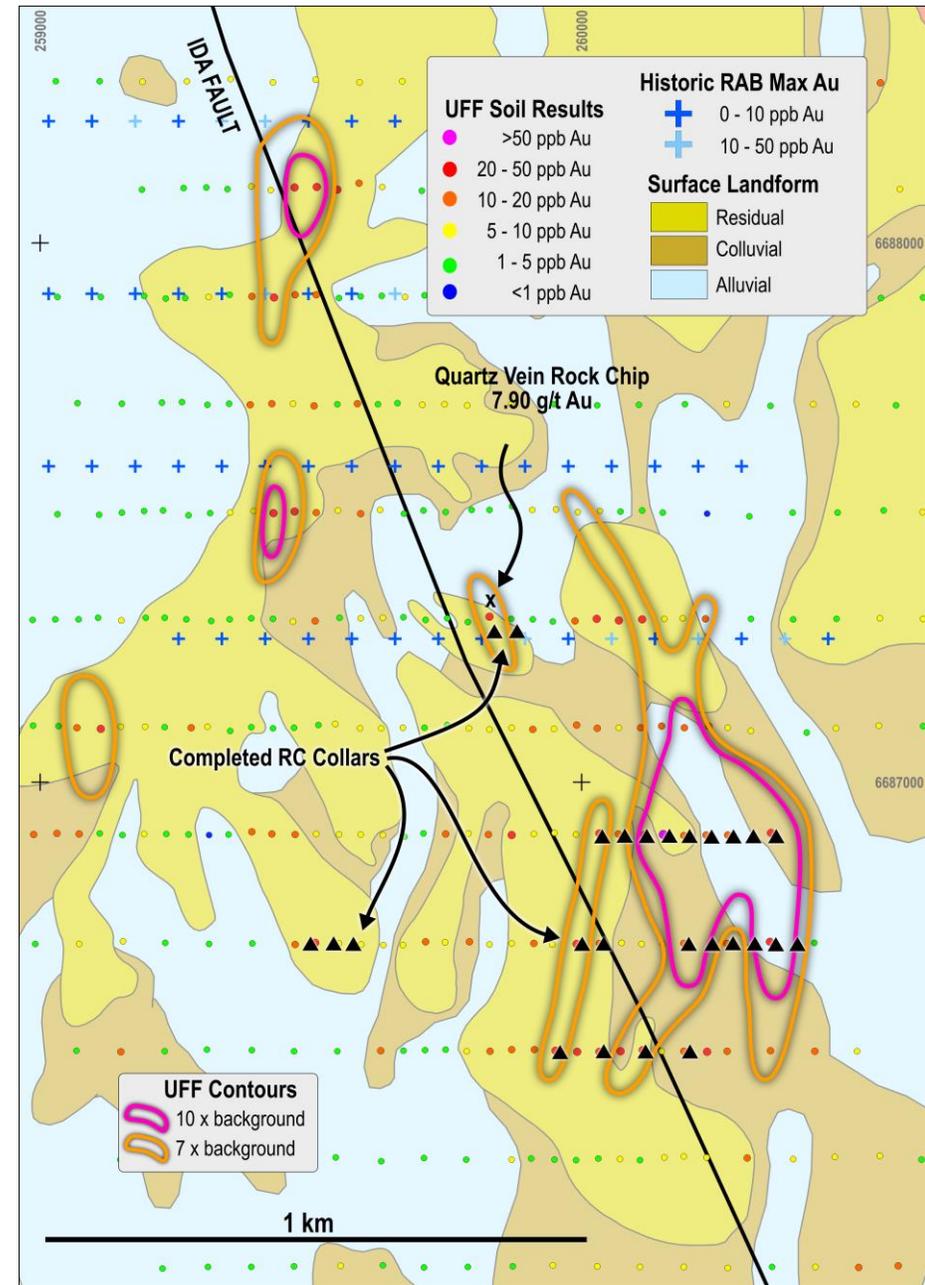
Ularring project

- 130km northwest of Kalgoorlie
- Under-explored 4km long section of the Ida Fault
- Greenstone lithologies targeted for surface sampling program and analysis utilising UFF technology
- Located between Riverina (18km north) and Davyhurst (18k south)



Ularring project

- Geochemical data categorised by landform and levelled
- 500m long, discrete gold geochemical anomaly defined (10x background)
- Single sample of sub-cropping quartz vein collected just north of the anomaly returned assay grade of 7.9g/t Au.
- RC drilling completed in March 2025 (2,216m)
- Results expected mid May 2025

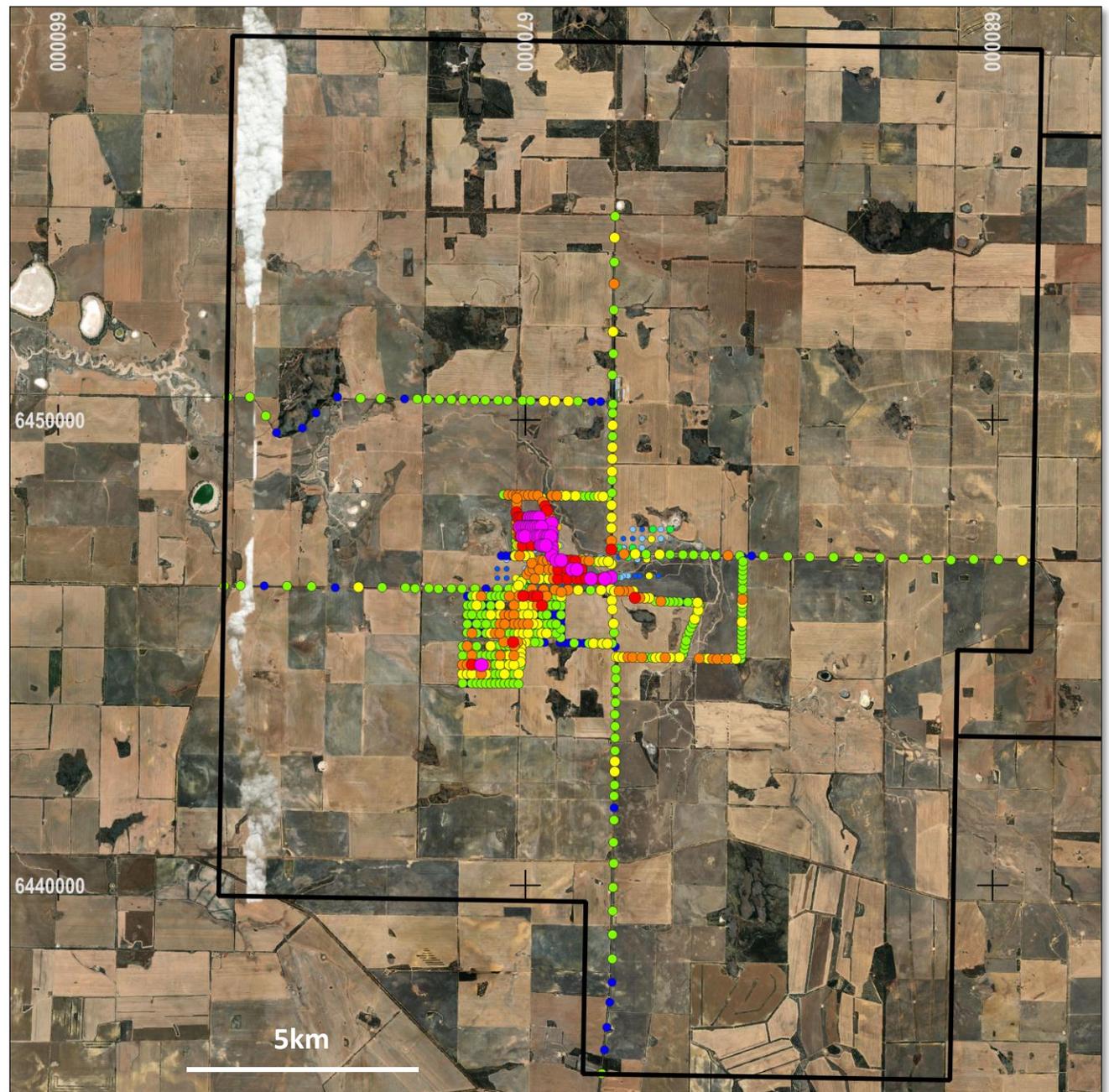


Anderson project

- Ideal trial site for the evaluation of Ultrafine® analysis of soil samples in the Wheatbelt
 - Extensive shallow sand and thicker channel cover
 - Regional calcrete gold anomaly
 - Aircore drilling defined bedrock gold mineralisation
- Phase 1 - Sampling along roadsides, fence lines and internal tracks
- Phase 2 – Systematic sampling across 3km long bedrock gold corridor



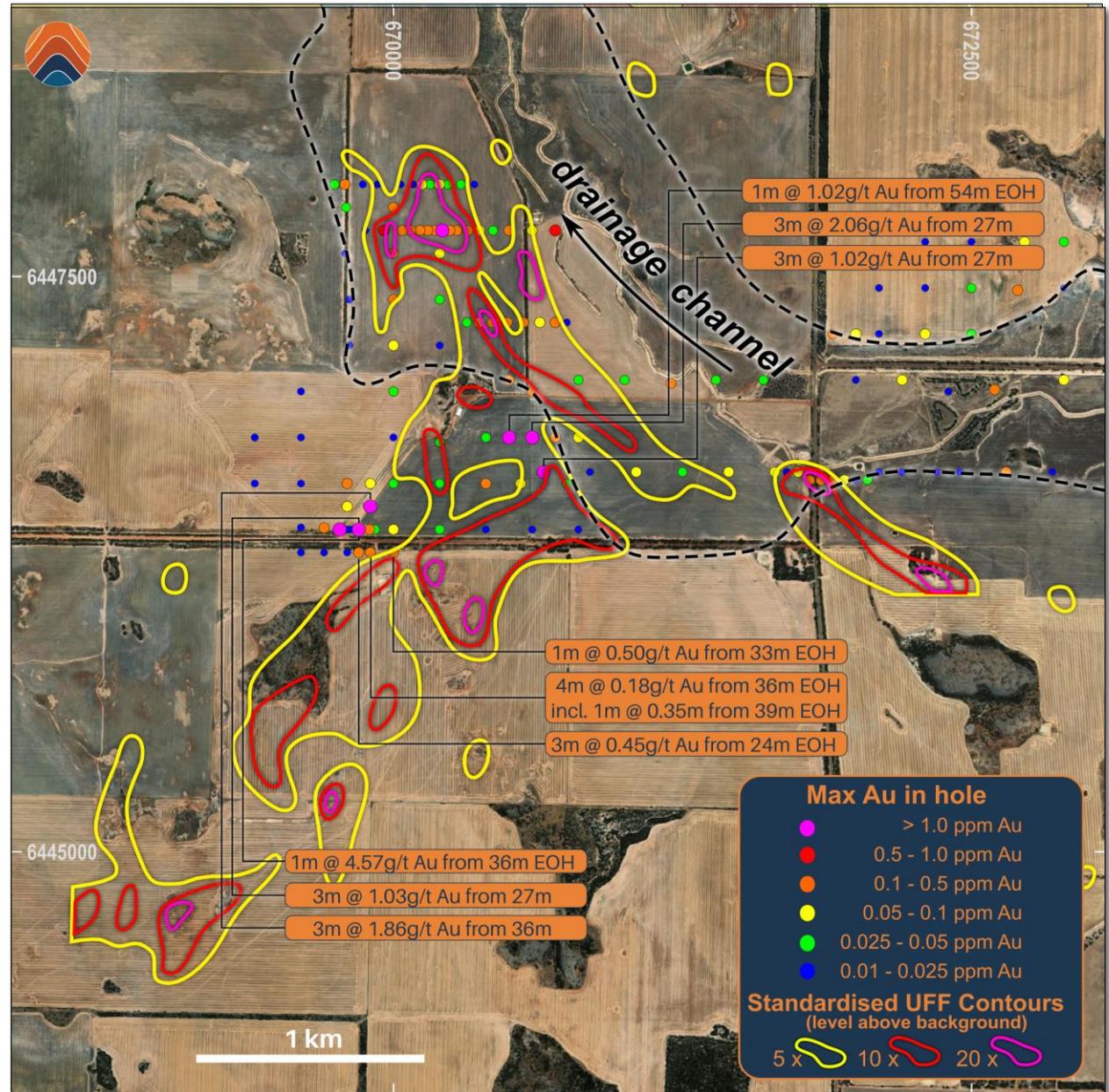
Refer ASX Announcements dated 29 January 2025



Anderson Project – UFF Results

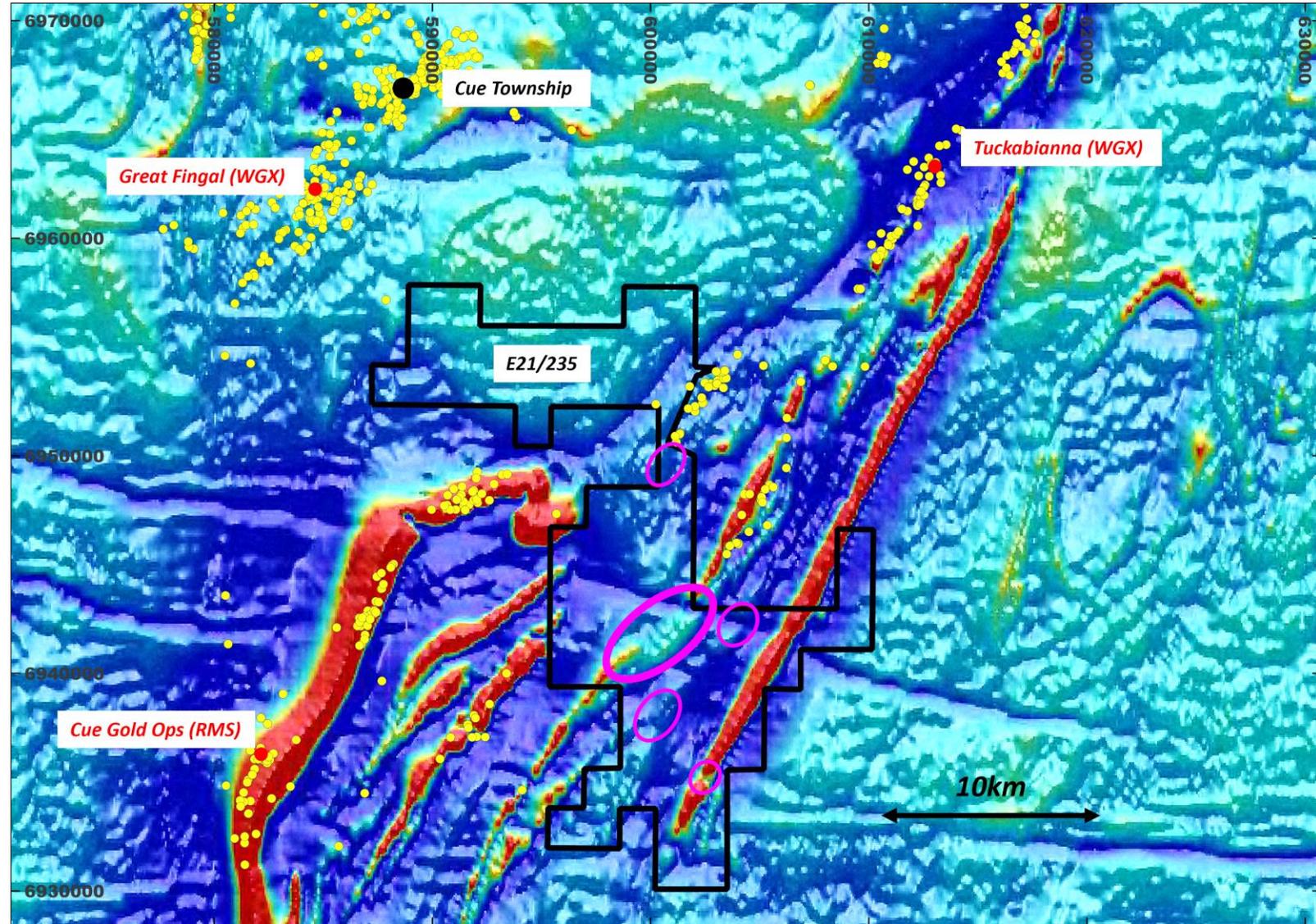
Anderson project

- Interrogation of multi-element UFF data shows anomalies derived from bedrock source and anomalies in transported material
- Historical drill data confirms interpretation
- Strong EOH gold within 'bedrock target' corridor
- New application to the east increases project to ~500km²
- Stratigraphic diamond drilling planned (late 2025)



Venus Project

- Flexure in NNE trending structure coincident with area of magnetic destruction on Tuckabianna trend
- Southern strike extension of the Comet gold corridor
- Interpreted fold closure and structural termination of fold axis
- Breaks along BIF units



Timeline of Activities 2025

- RC drilling program (2,216m) – Ularring project March 2025 **Completed**
- Heritage Survey – West Tanami April 2025 **Completed**
- RC drilling program (~4,500m) – West Tanami
 - Fremlins South (EIS co-funded) May 2025
 - Jazz prospect (EIS co-funded) June 2025
- West Tanami Airborne EM (EIS co-funded) July 2025
- Aircore drilling (~5,000m) – West Tanami August – Sept 2025



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