

2024 Annual General Meeting



**hamelin
gold**

Photo : AC Drilling at Jazz - October 2024

29 November 2024
ASX code : HMG

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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.

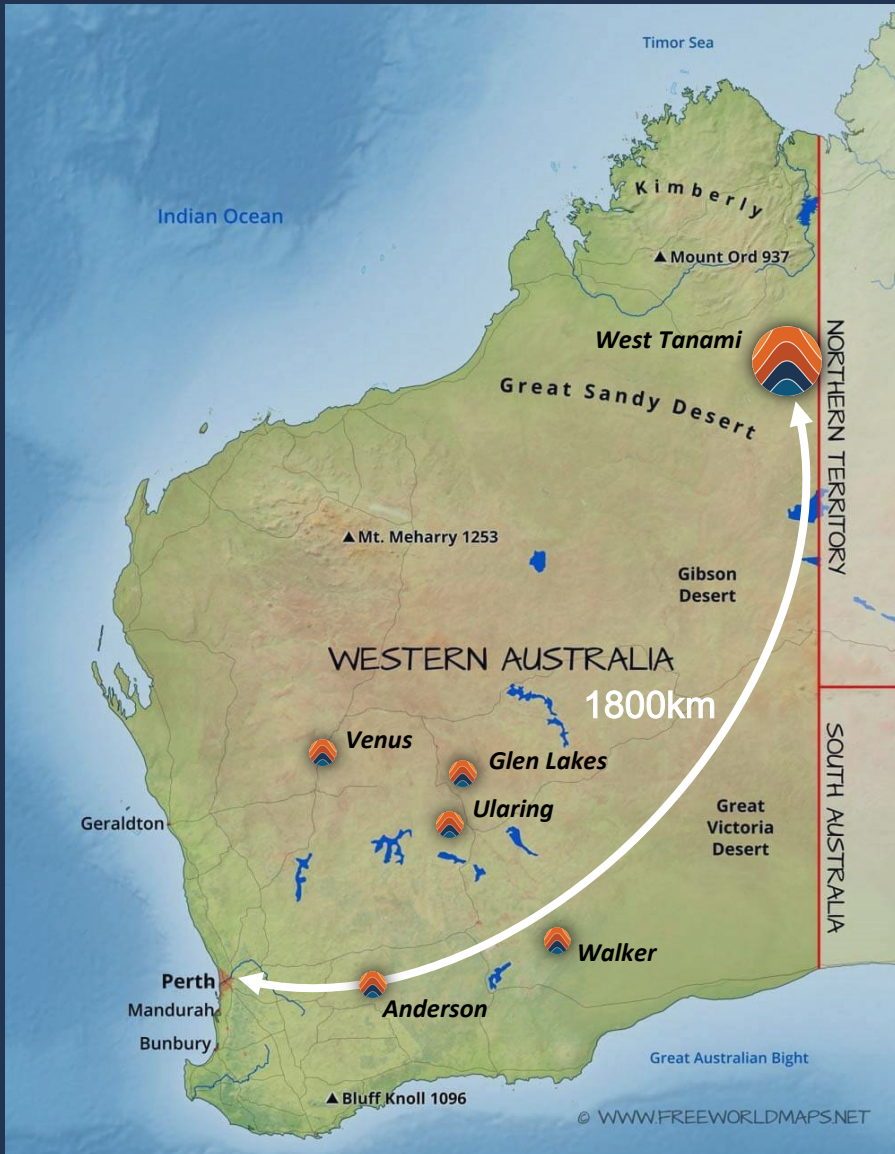
Newmont Tanami Operations Resource estimated from Newmont 2022 Reserve Release (www.newmont.com/investors/reports-and-filings/default) and the 'Newmont Tanami Operations AGES Paper April 2024' referred to in this presentation is Crawford A., Thebaud N., Masurel Q., Maidment D. 2024 Geology and Regional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



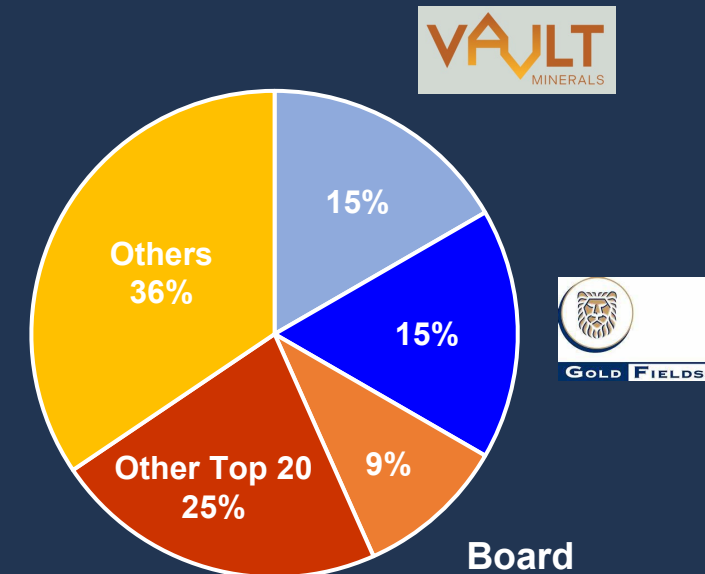
Philip Crutchfield KC
Non Executive Director
B.Comm, LL.B (Hons), LL.M LSE



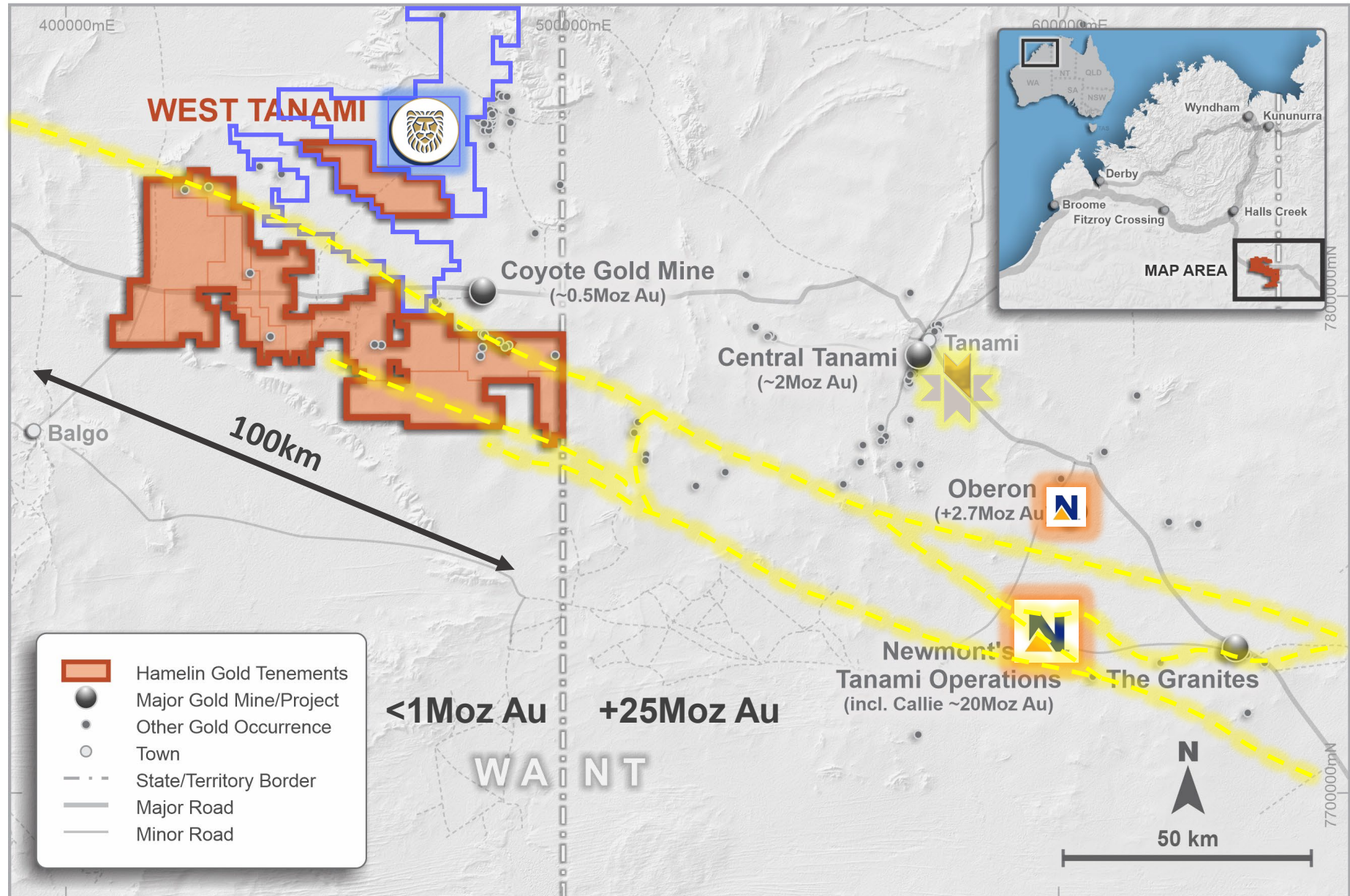
Clayton Davys
Exploration Manager
B.Sc (Hons)

CAPITAL STRUCTURE

Shares on Issue	157.5M
Employee options	13.1M
Market capitalisation (@6.1c)	\$9.6M
Cash (30/09/2024)	\$4.0M
Enterprise value	\$5.6M



West Tanami: 2,500km² 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
- 15% shareholding in Hamelin Gold



TE2 Headframe – Newmont's Tanami Gold Operations

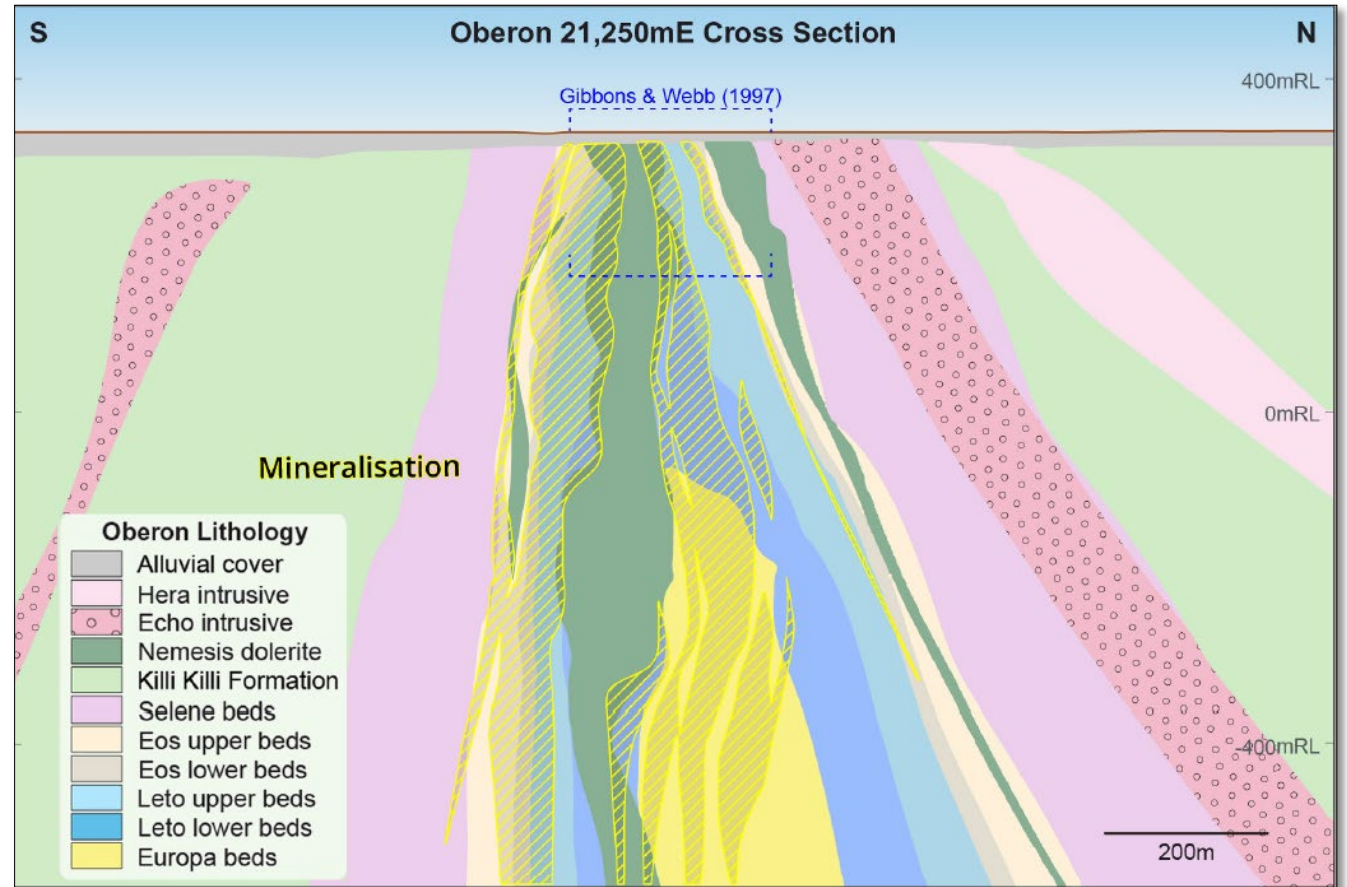


Refer to Newmont 2023 Annual Report¹ and Newmont Tanami Operations AGES Paper Crawford et al 2024² and Tanami Gold ASX Announcement 27 June 2023³

Newmont's Oberon Discovery (+2.7Moz)

What can we learn?

- 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) hydrothermal 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

The Tanami : An Undercover Exploration Opportunity



2024 Program

Geochemistry

*Sultan Far West, Ginger, EM,
FSW, Olsen, Newkirk, Hutch's*

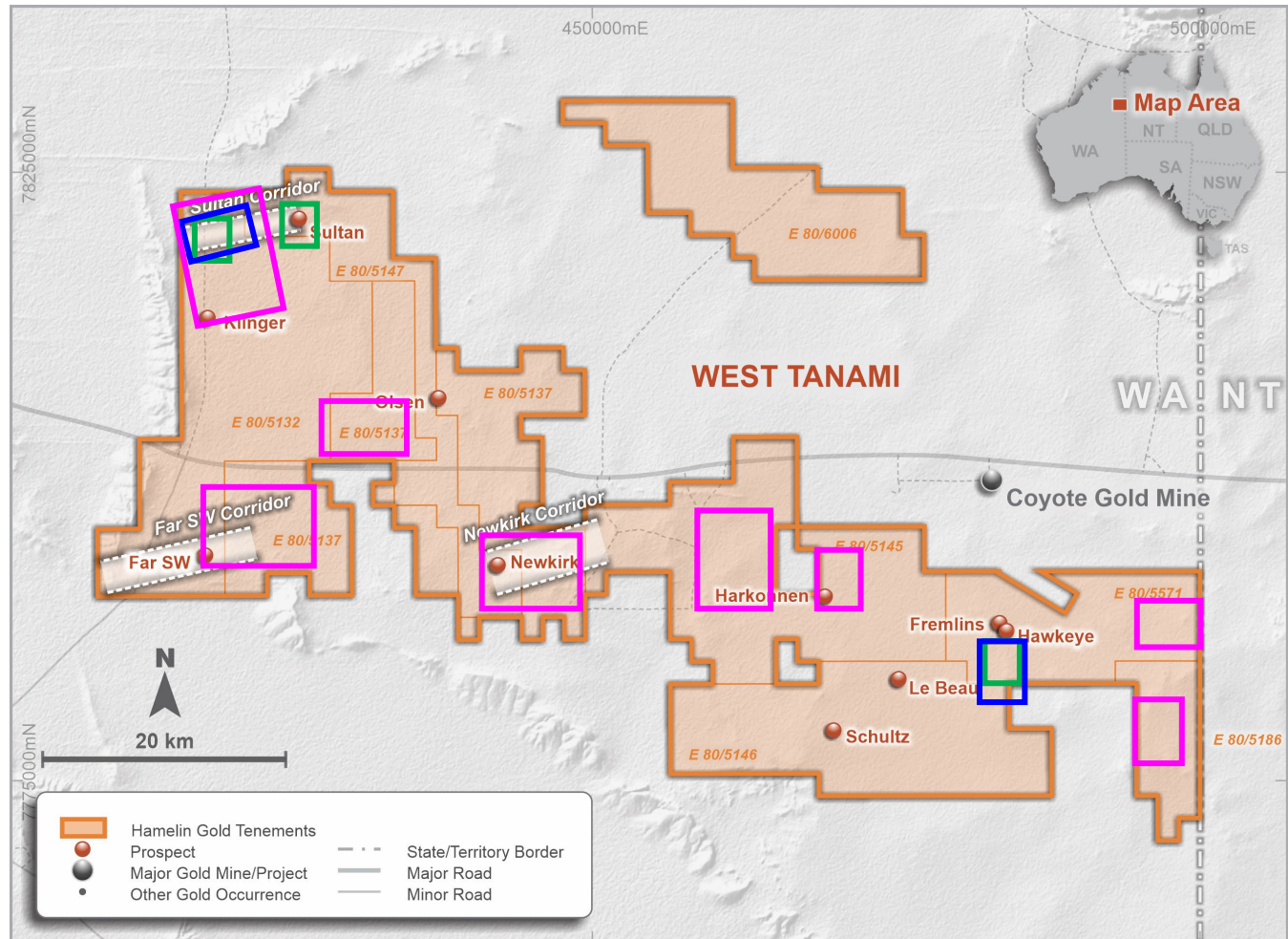
Aircore Drilling

South Fremlins, Sultan Corridor, Jazz

RC Drilling

Sultan EIS, Sultan West, Fremlins

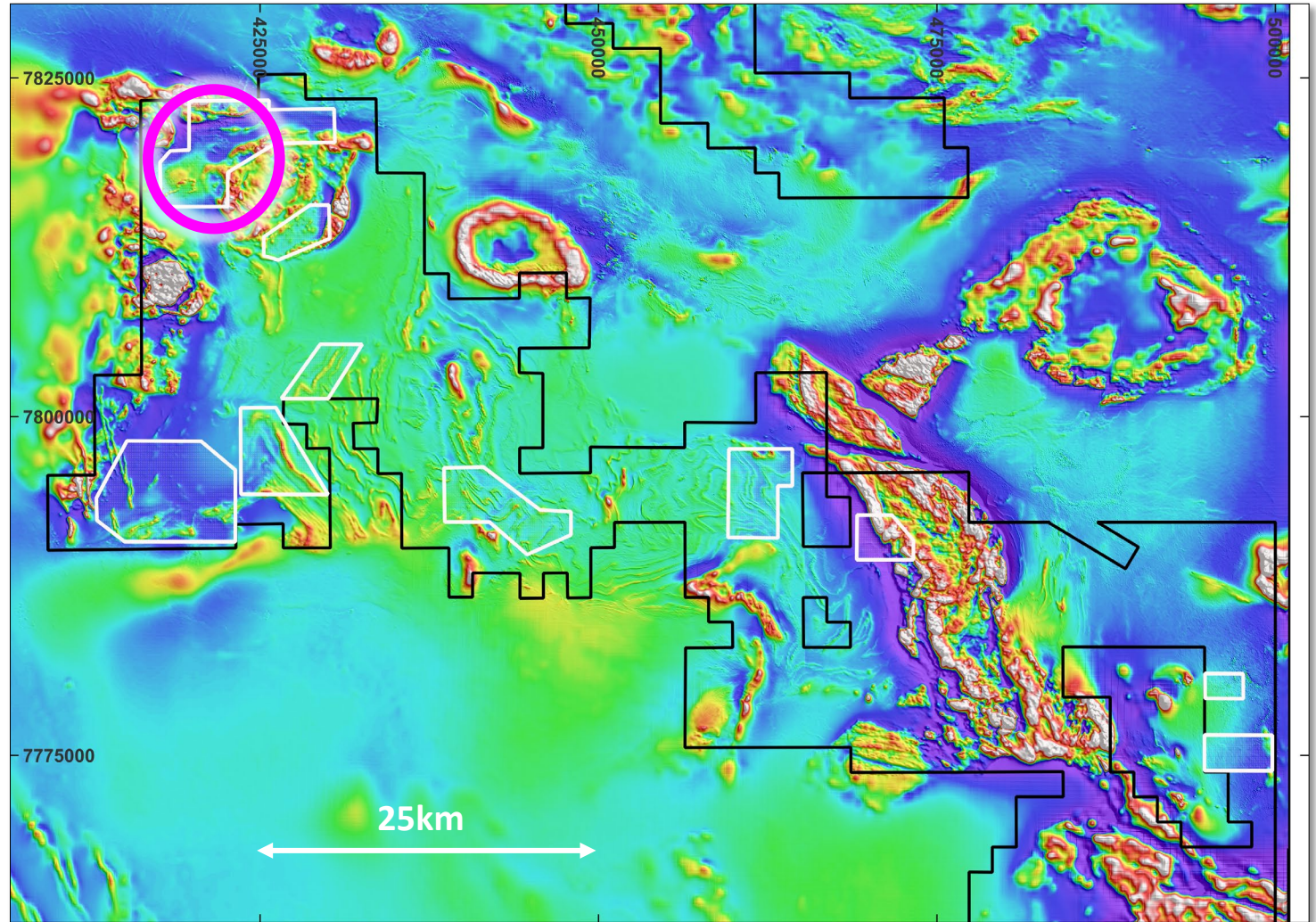
BHP Xplor Program



West Tanami Project – Prospect Location and Activity Map

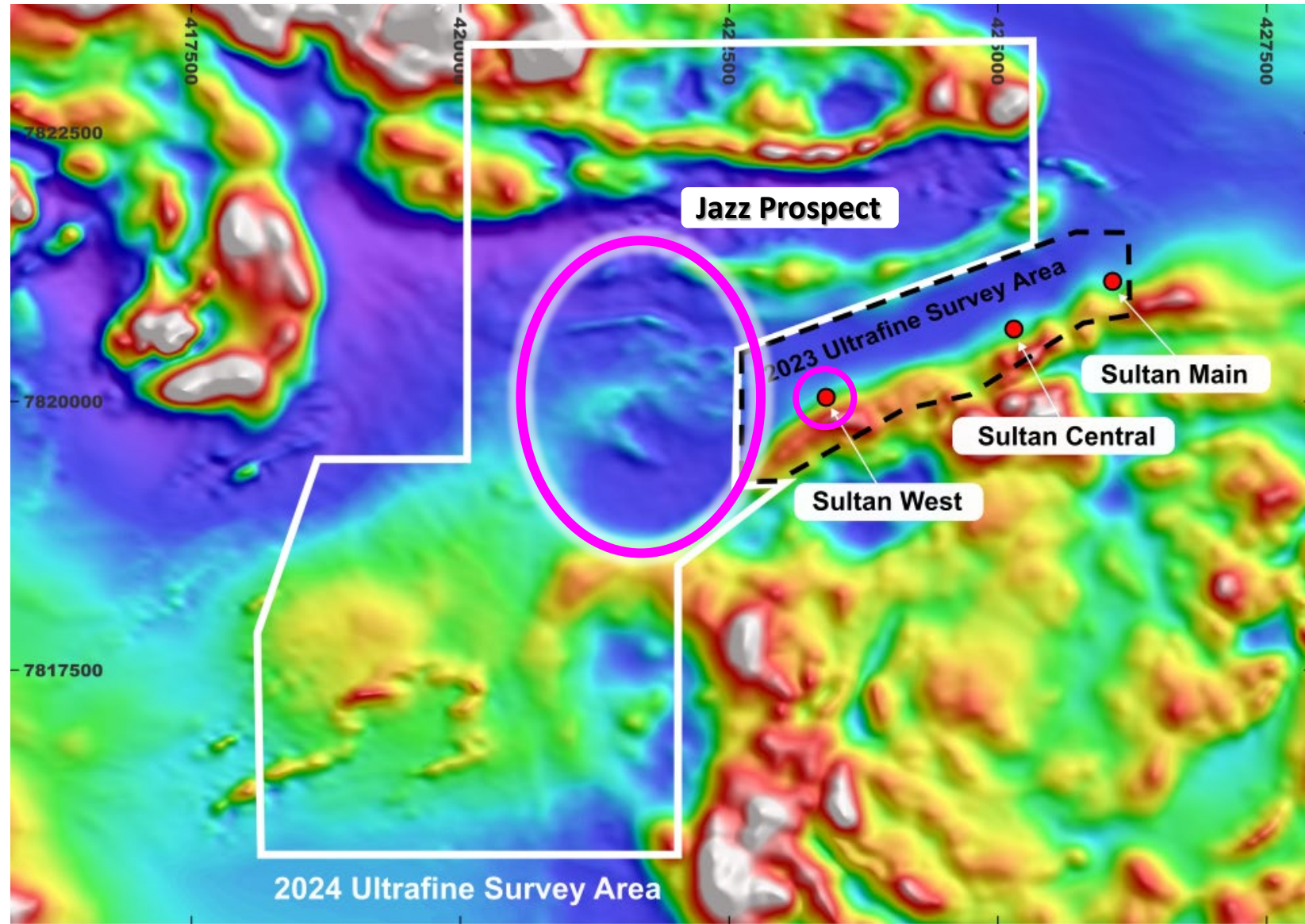
Regional Geochemical Program

- 10 regional scale geochemical targets
- Validation across multiple surficial conditions and varying geological settings
- +3,000 surface sample program completed
- Samples to be analysed utilising Labwest's Ultrafine ® technique



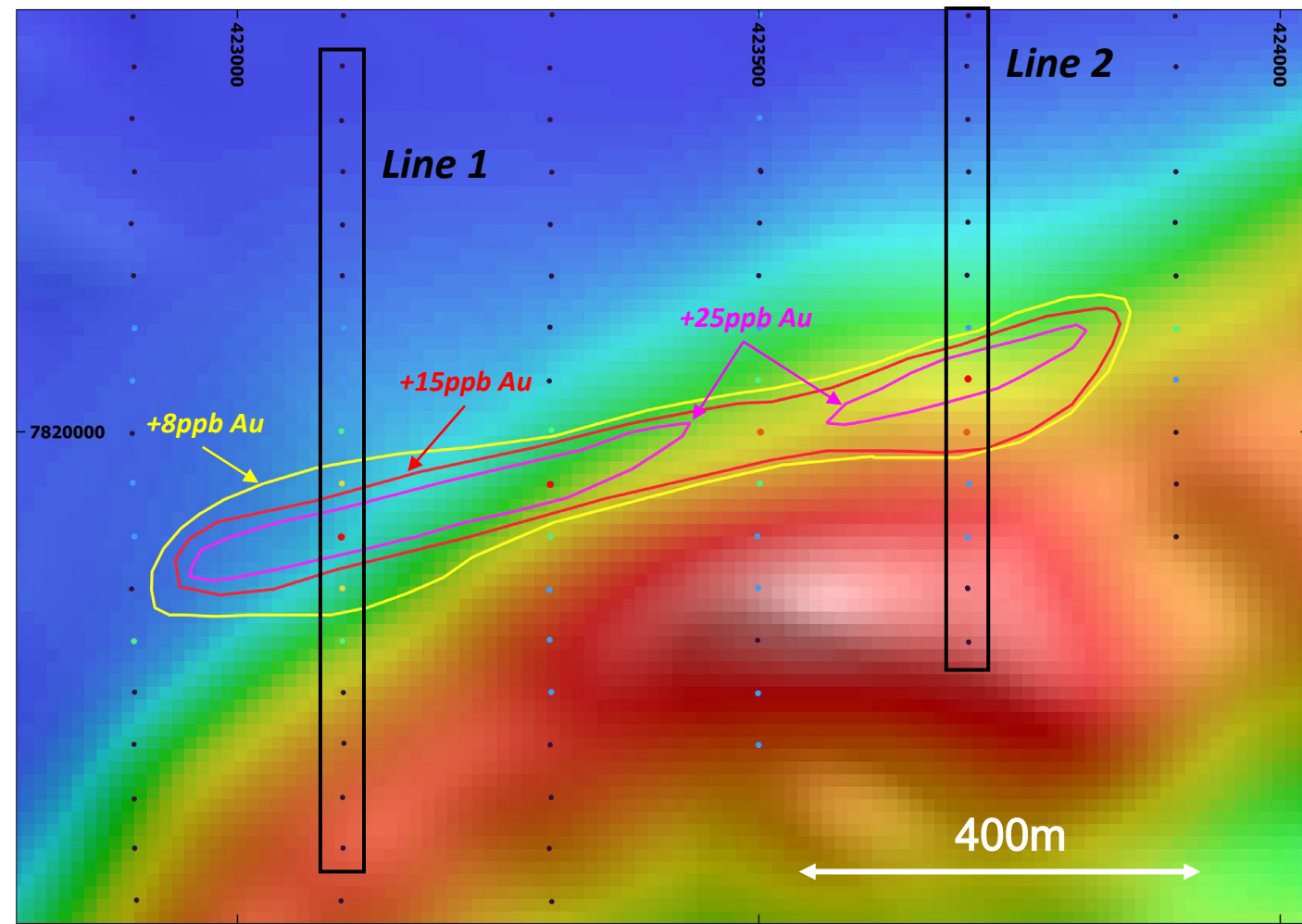
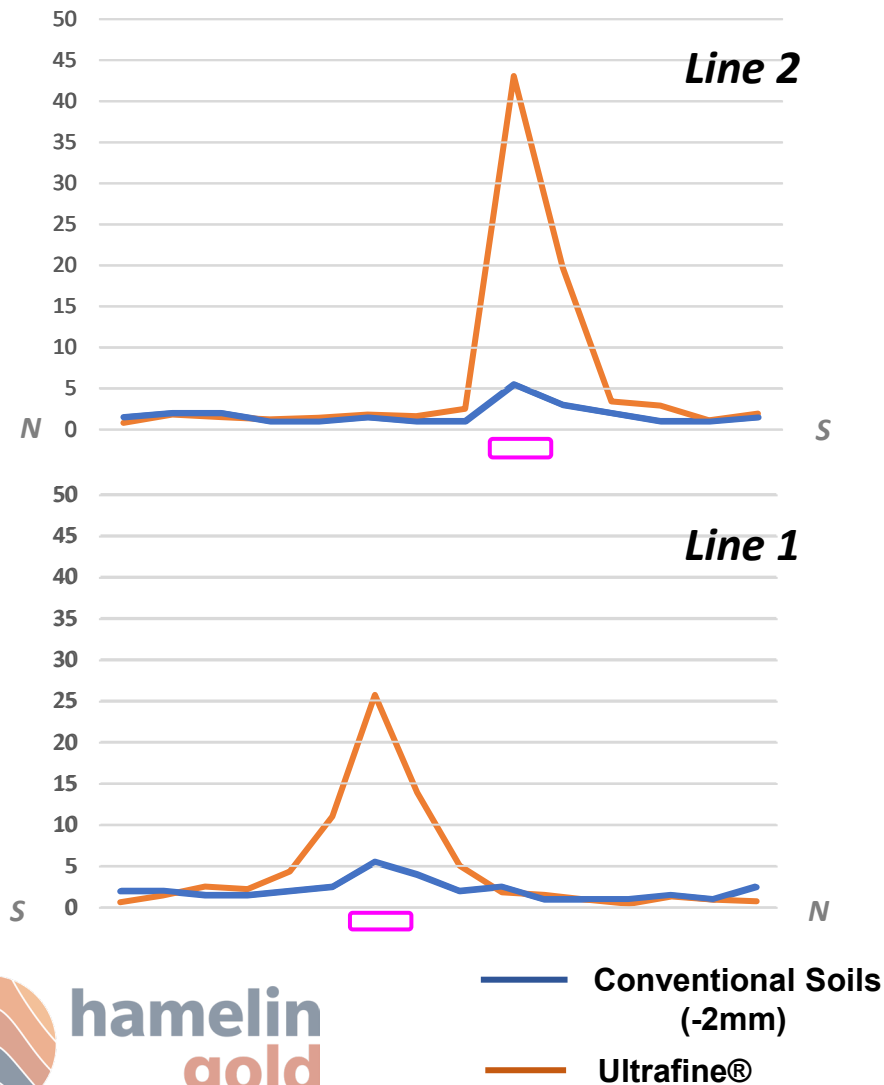
West Tanami Project – Regional geochemical program

Jazz Prospect



Amplifying Gold Signatures Undercover

Conventional Soils vs New Ultrafine® Technology



Sultan West – Ultrafine Soil Results on magnetics background

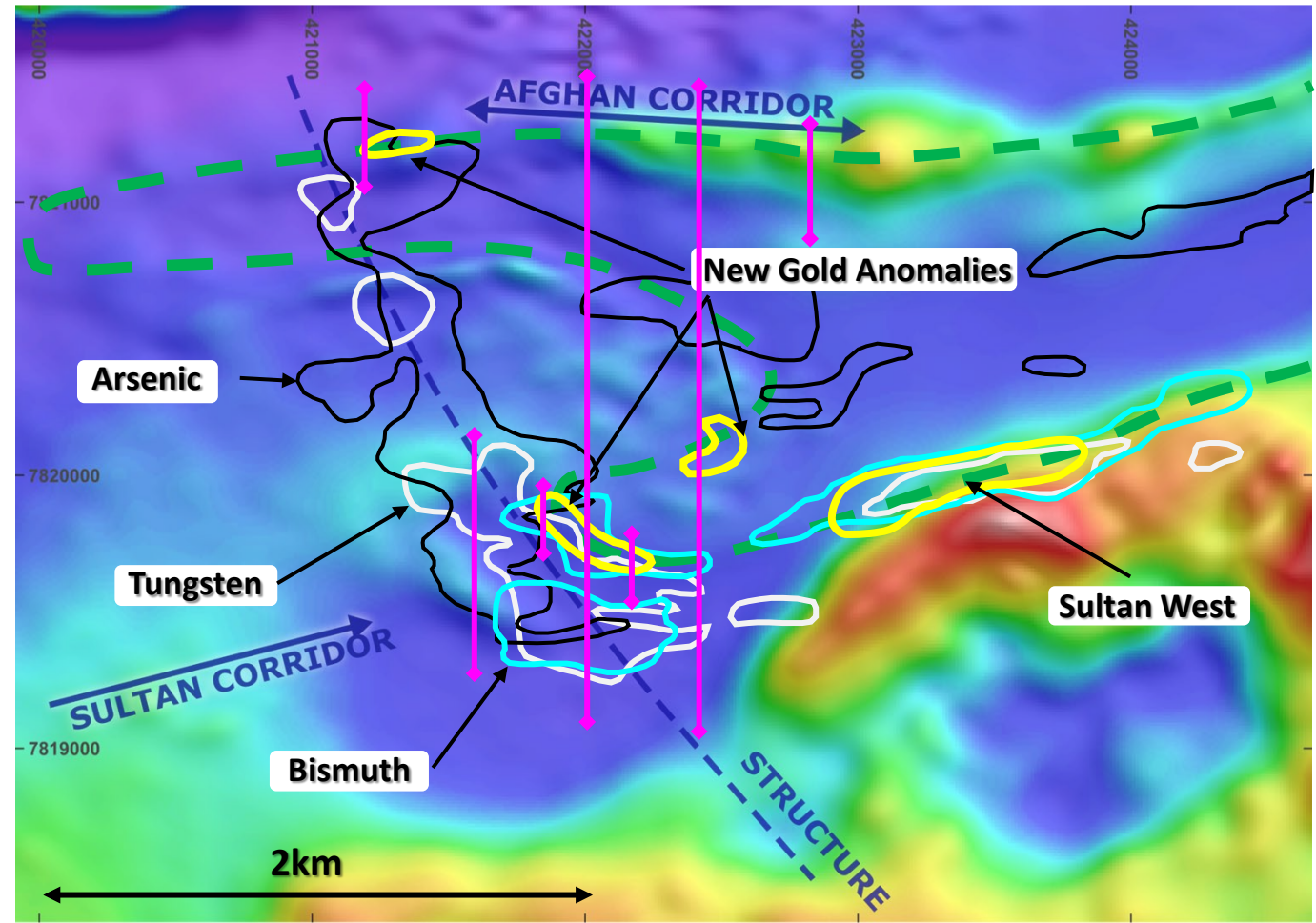
Refer ASX Announcement dated 26 September 2023



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
- 74 aircore holes completed for 3,640m – assays Dec'24



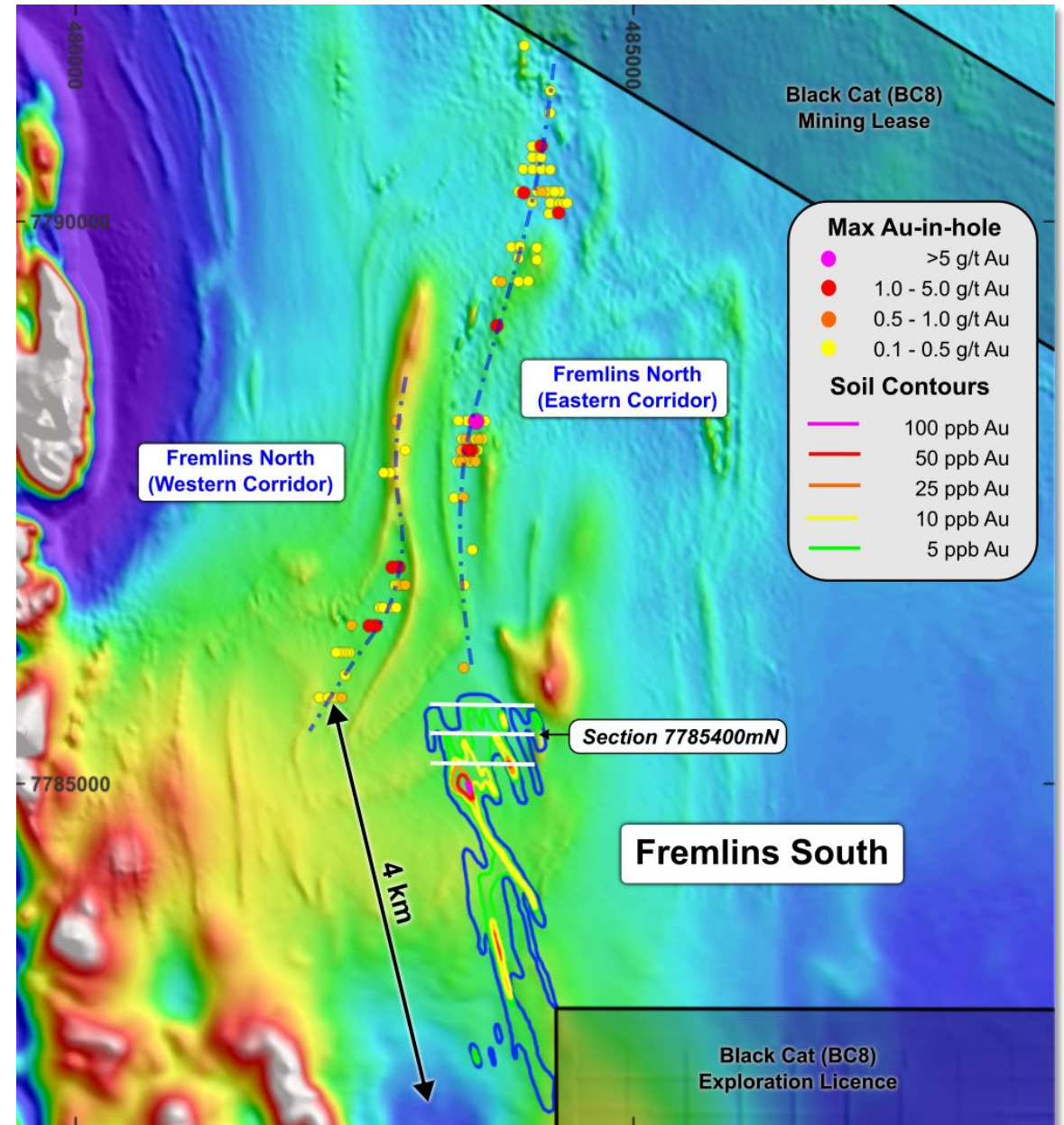
Jazz Prospect – Ultrafine anomalies on magnetics

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
- Template for assessing similar ineffectively drilled targets across the West Tanami



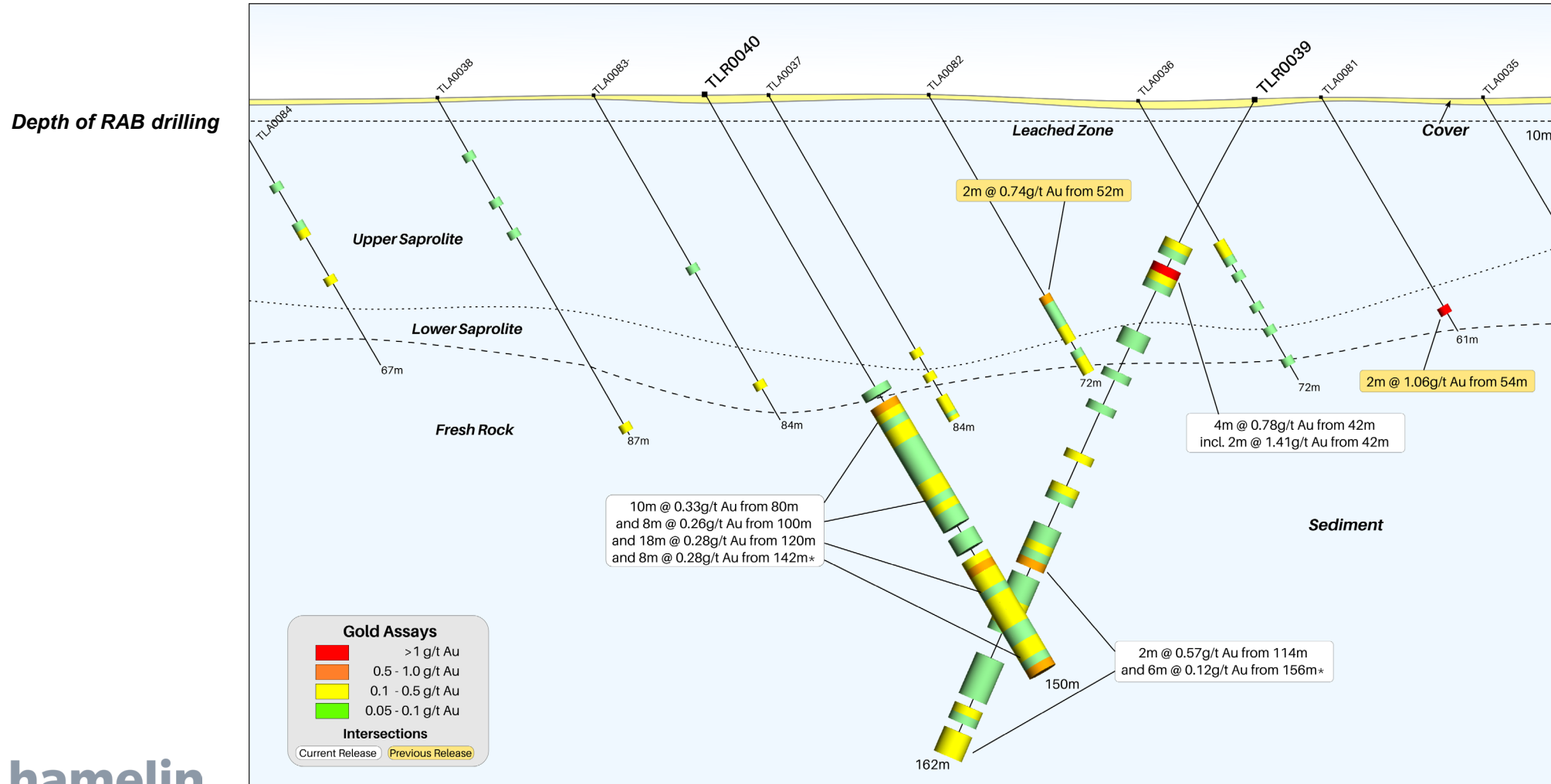
Refer ASX Announcements dated 26 August 2024



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

Fremlins Prospect

Historical shallow, ineffective drilling

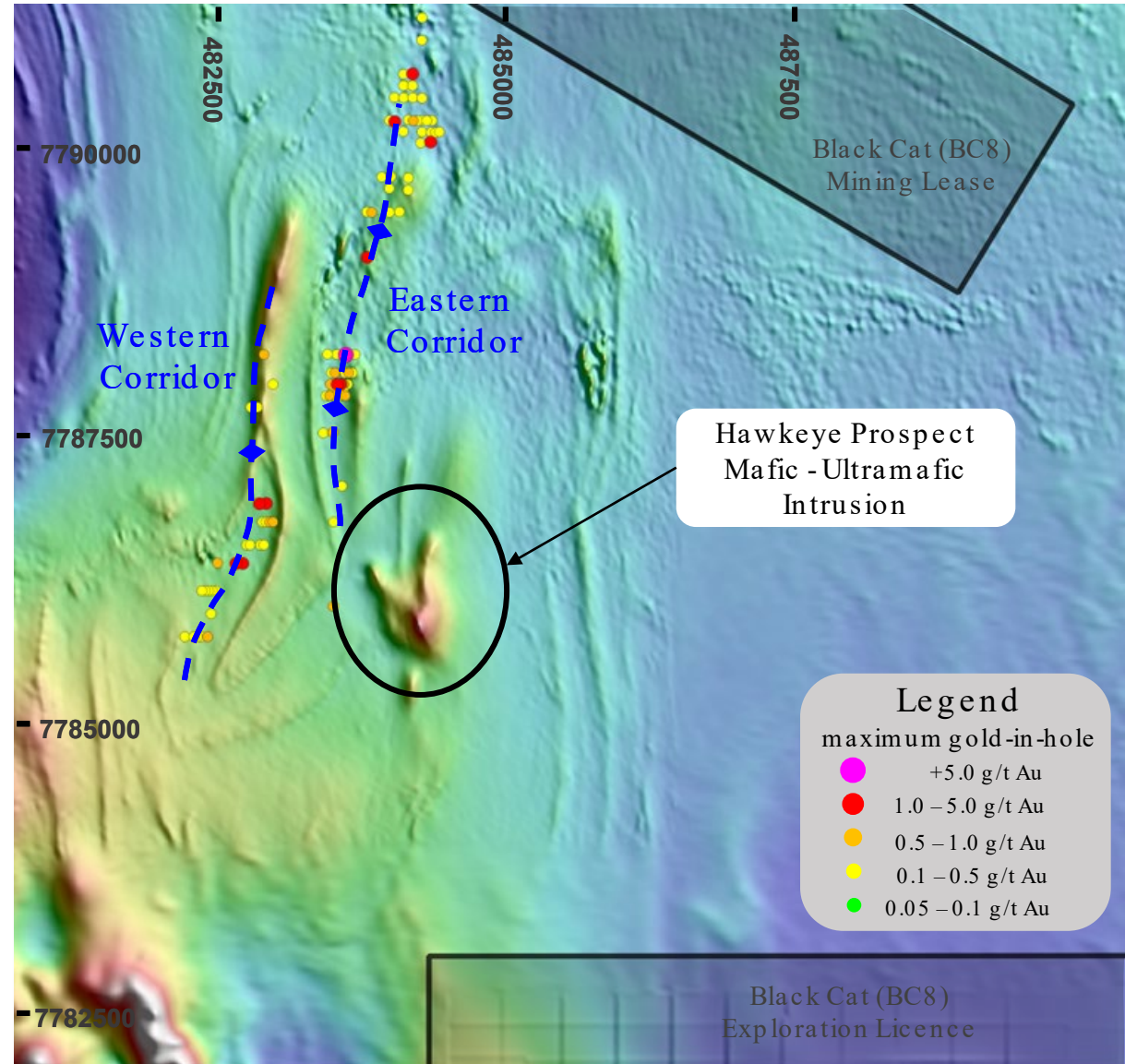


Fremlins South – X/S 7,785,400mN

Refer ASX Announcements dated 26 August 2024

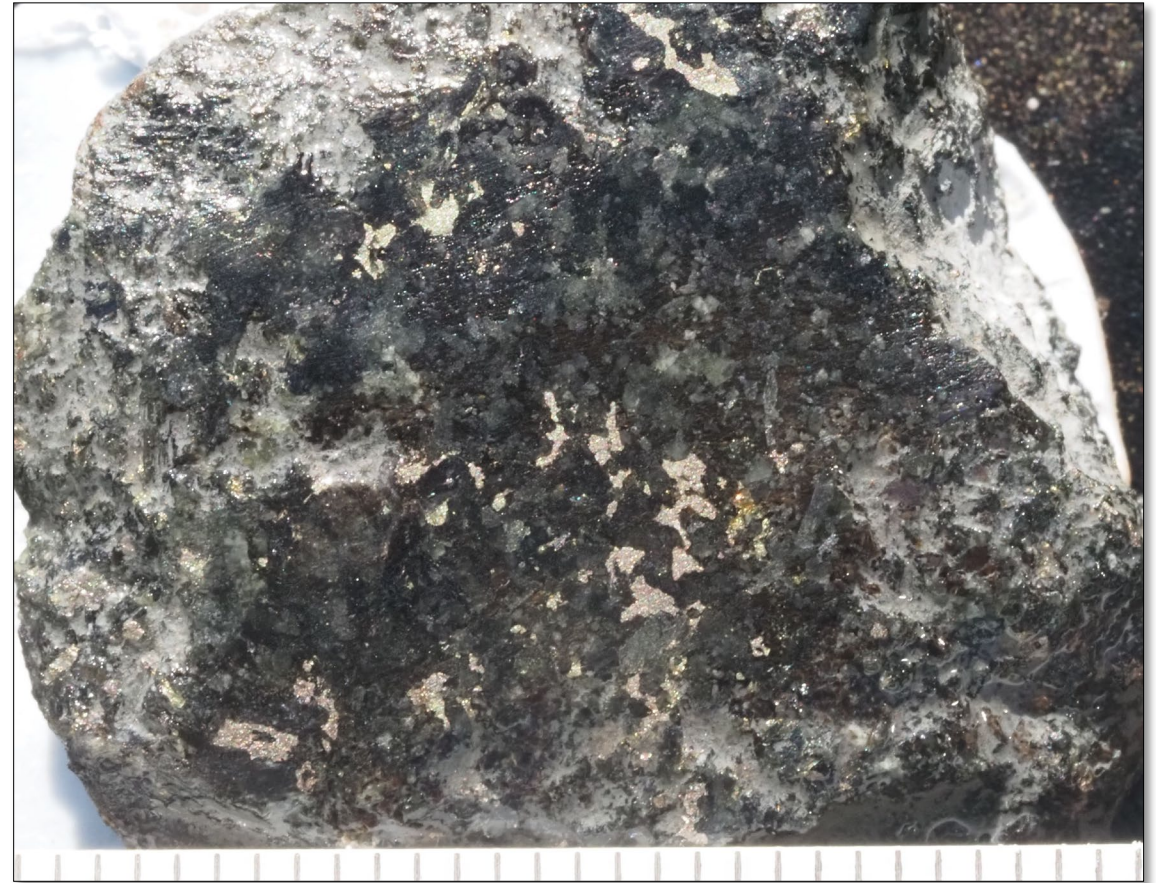
Hawkeye Prospect

- Magnetic high cross-cutting deformed stratigraphy
- Differentiated mafic-ultramafic system at least 1.5km by 1km
- Late – undeformed and unmetamorphosed
- Magmatic Ni-Cu-PGE sulphides identified
- First time this style of mineralisation has been identified in the Tanami



BHP Xplor Program

- US\$500K non-dilutive funding provided by BHP
- Age dating of the Hawkeye, Schultz and Le Beau mafic intrusions
- Petrological analysis of key intrusive units across the project
- Whole rock and detailed PGE analysis
- LIBS and TIMA analysis
- Re-processing of an historical GA seismic line
- Regional structural architecture mapping
- Completion of a mineral systems map targeting Ni-Cu-PGE opportunities in the Tanami region

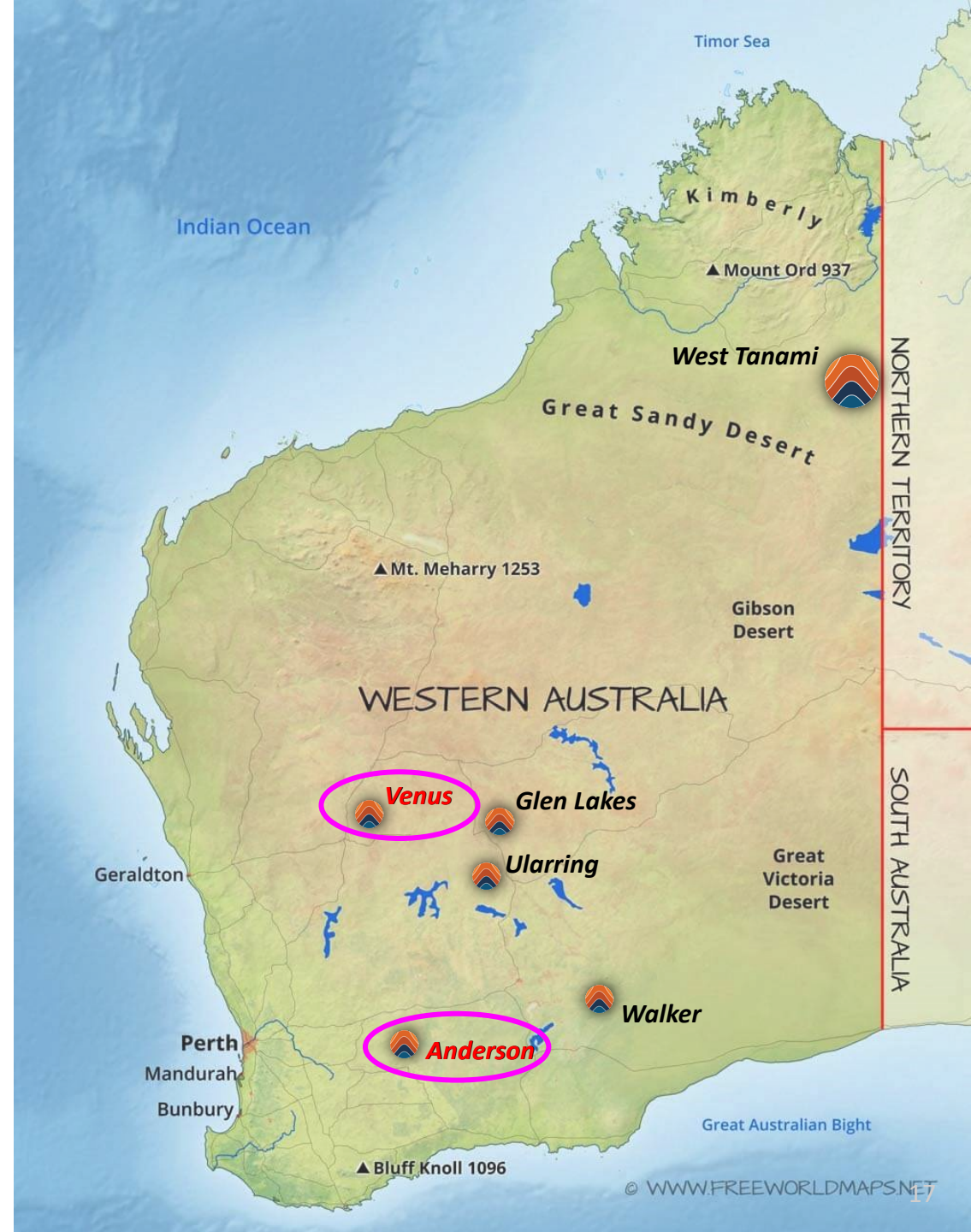


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Disseminated Ni-Cu-PGE sulphide mineralisation – Hawkeye Prospect

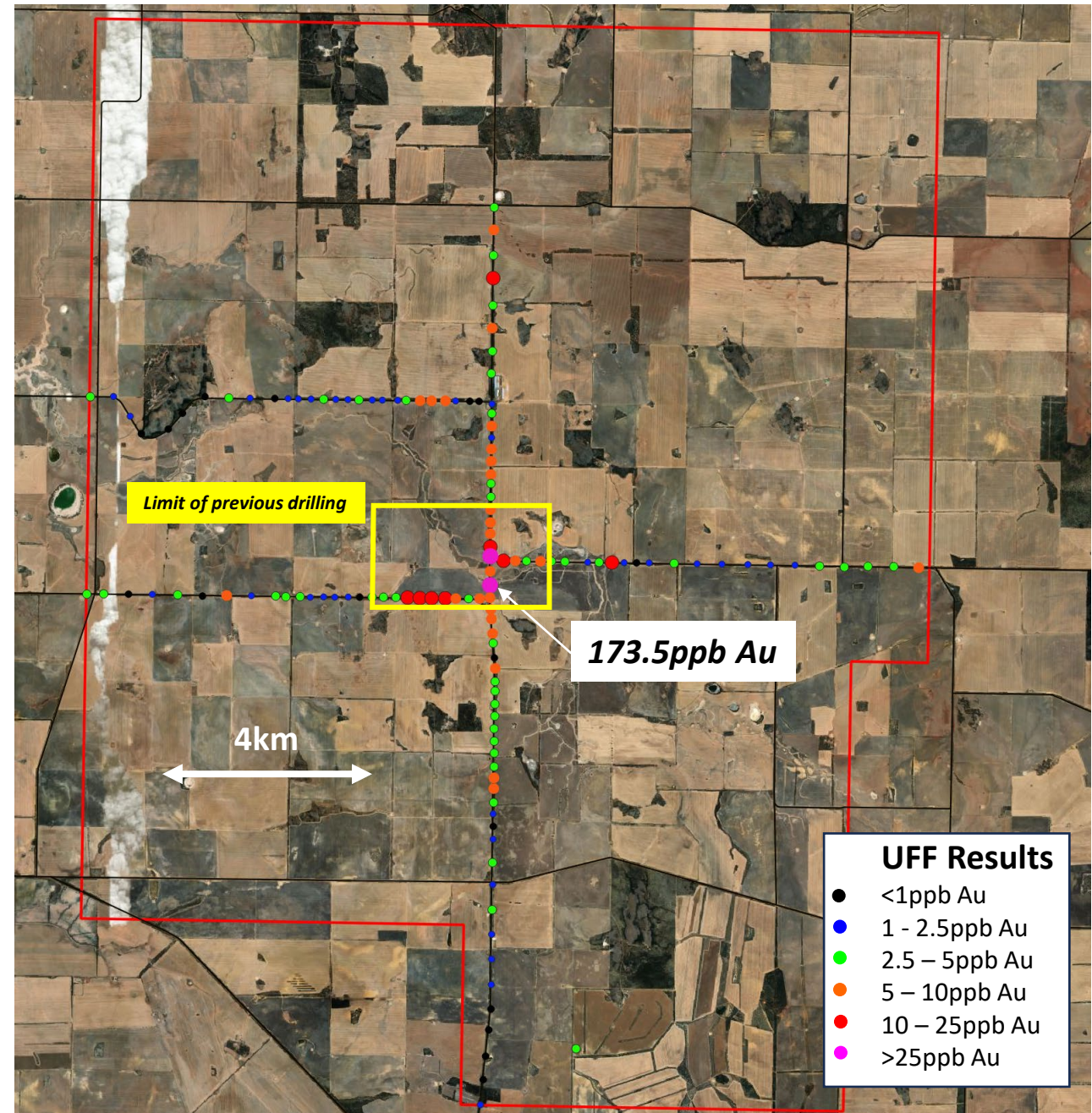
Yilgarn Projects Status

- **Ularring (Riverina South) – 61km²**
 - Adjacent to Labrynith's Mulwarrie project and Ora Banda's Davyhurst project
 - Phase 1 UFF soil survey completed
- **Walker (Tropicana South) - 530km²**
 - Recent application covering the southern extension of the Tropicana trend
- **Anderson (30km North of Hyden) - 340km²**
 - Phase 1 UFF soil defines strong gold anomalism
 - Phase 2 UFF sampling along fencelines – completed (assays due Dec '24)
- **Venus (15km east of Cue) – 200km²**
 - Southern extension of the Tuckabianna and Comet gold trends
- **Glen Lakes (South of Bronzewing) – 55km²**
 - Application progressing to grant (drawn first in ballot)



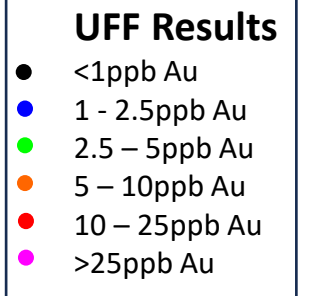
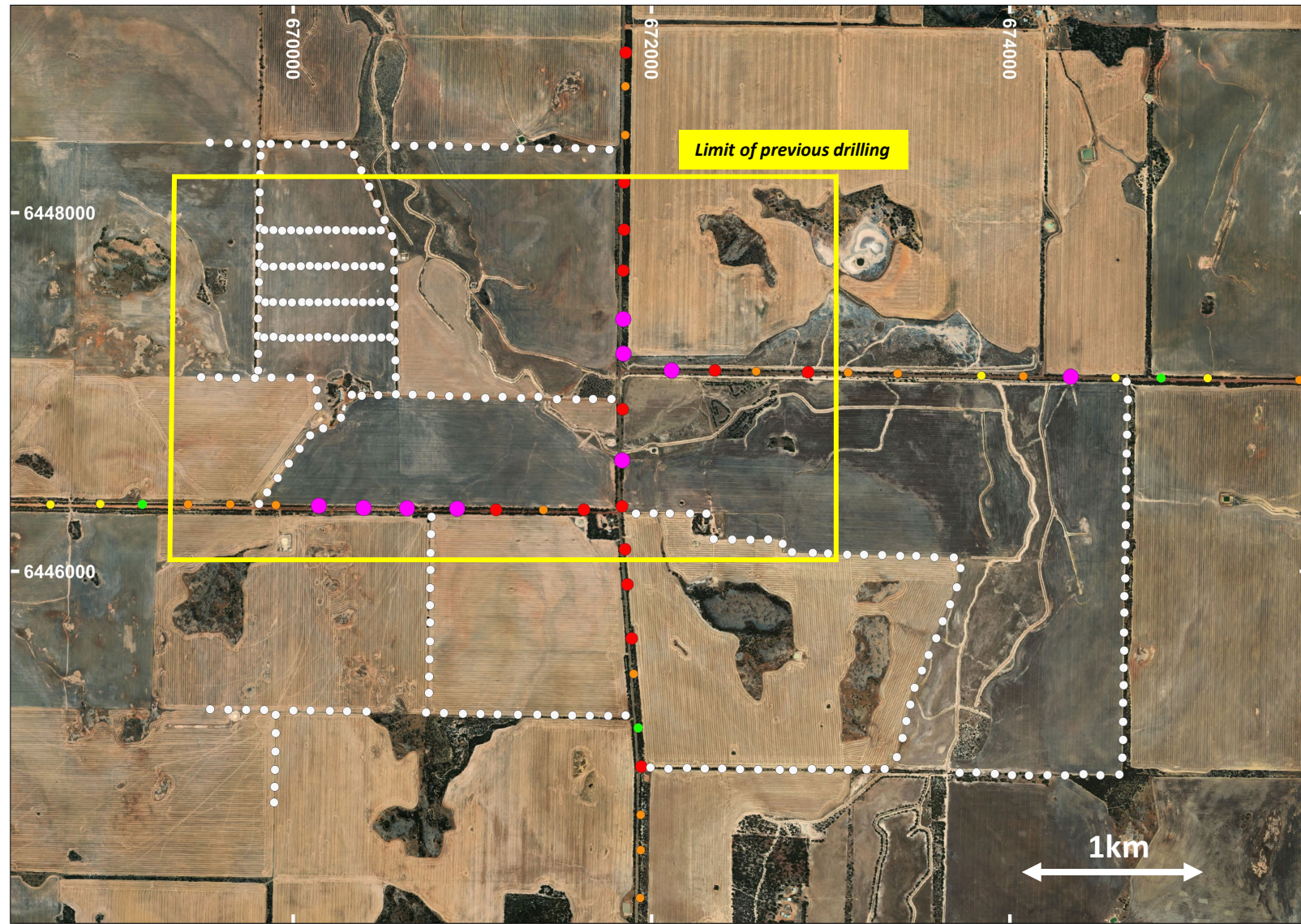
Anderson project

- Ultrafine sampling along roadsides outlined regional scale gold anomaly
- Infill completed along fencelines and internal tracks (~250 samples)
- Infill sampling within paddocks planned for Jan / Feb 2025 after harvest
- Expanding landowner discussion across 8km x 4km area
- Detailed aeromagnetic and radiometric data (100m flight line) to be sourced



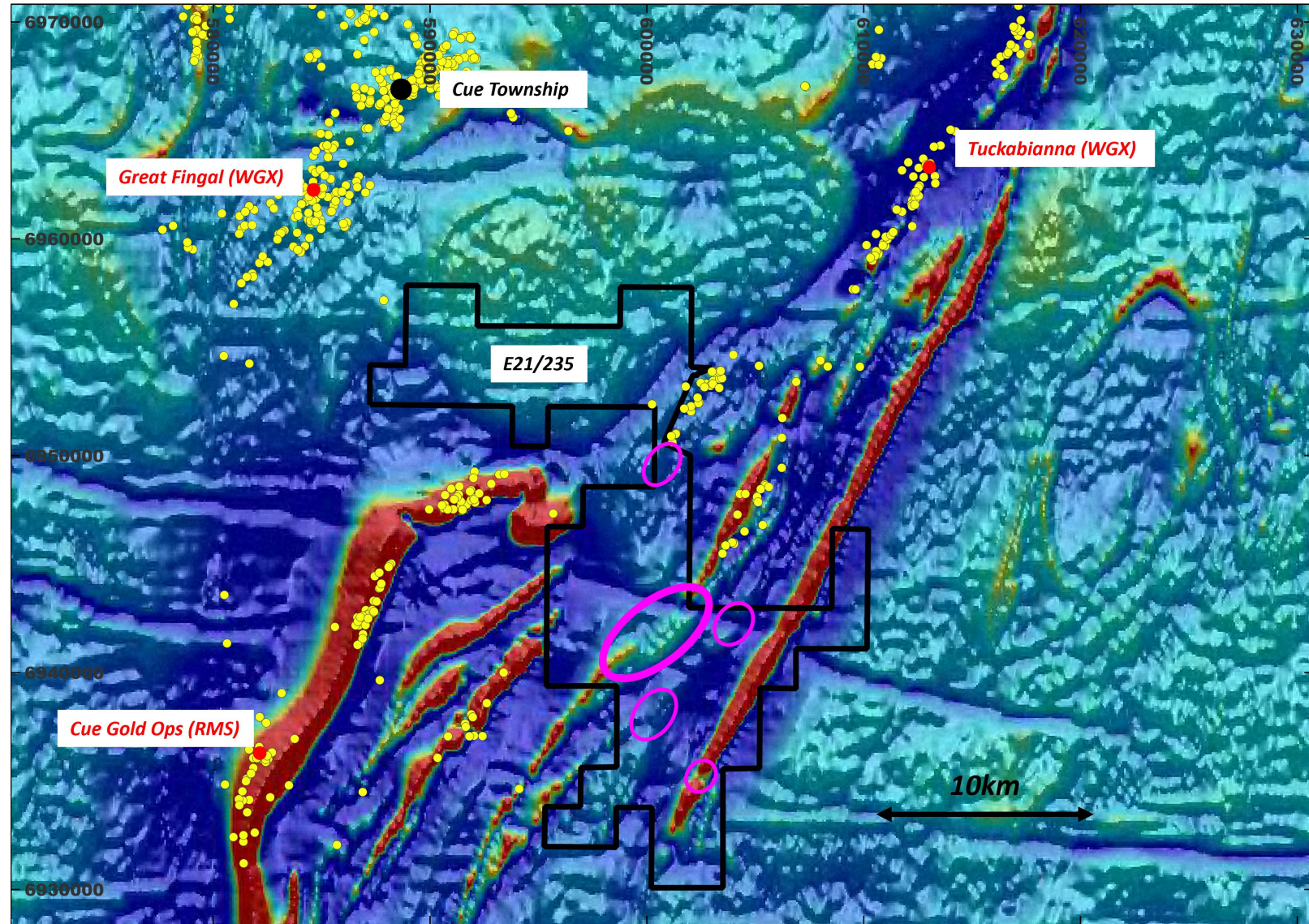
Anderson Project (Eastern Wheatbelt) – UFF Results

Anderson project



Venus Project

- Regional scale gold opportunity (~200km²)
- Predominantly under cover
- Along strike of several gold trends
- Very little exploration activity over main targets
- Data compilation and orientation sampling planned



Timeline of Activities

- Aircore drill results - Jazz Prospects Mid Dec 2024
- Anderson UFF Soil Program Phase 2 results Jan 2025
- Anderson Phase 3 UFF soil survey (define drill targets) Feb – Mar 2025
- Hertiage Survey – West Tanami Mar 2025
- 5,000m - Aircore drill program Mar – Apr 2025
 - South Fremlins and Regional Geochem targets
- 2,500m EIS RC drilling – South Fremlins May 2025





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