



13 November 2024

Great Western Exploration (ASX: GTE) is pleased to advise shareholders and investors that its Managing Director, Shane Pike, will present at the Noosa Mining Conference, being held from Wednesday 13th November 2024 to Friday 15th November 2024.

Managing Director, Shane Pike will provide an update on the Company's activities and outlook at 2:10pm on Wednesday 13th November 2024.

The Conference will be live-streamed, and shareholders and investors can attend either in-person or virtually via the Conference Livestream.

Conference location: Peppers Noosa Resort, 33A Viewland Drive, Noosa Heads.

Live Link: [Noosa Mining Conference Live Stream](#)

Authorised for release by the Board of Directors of Great Western Exploration Limited.

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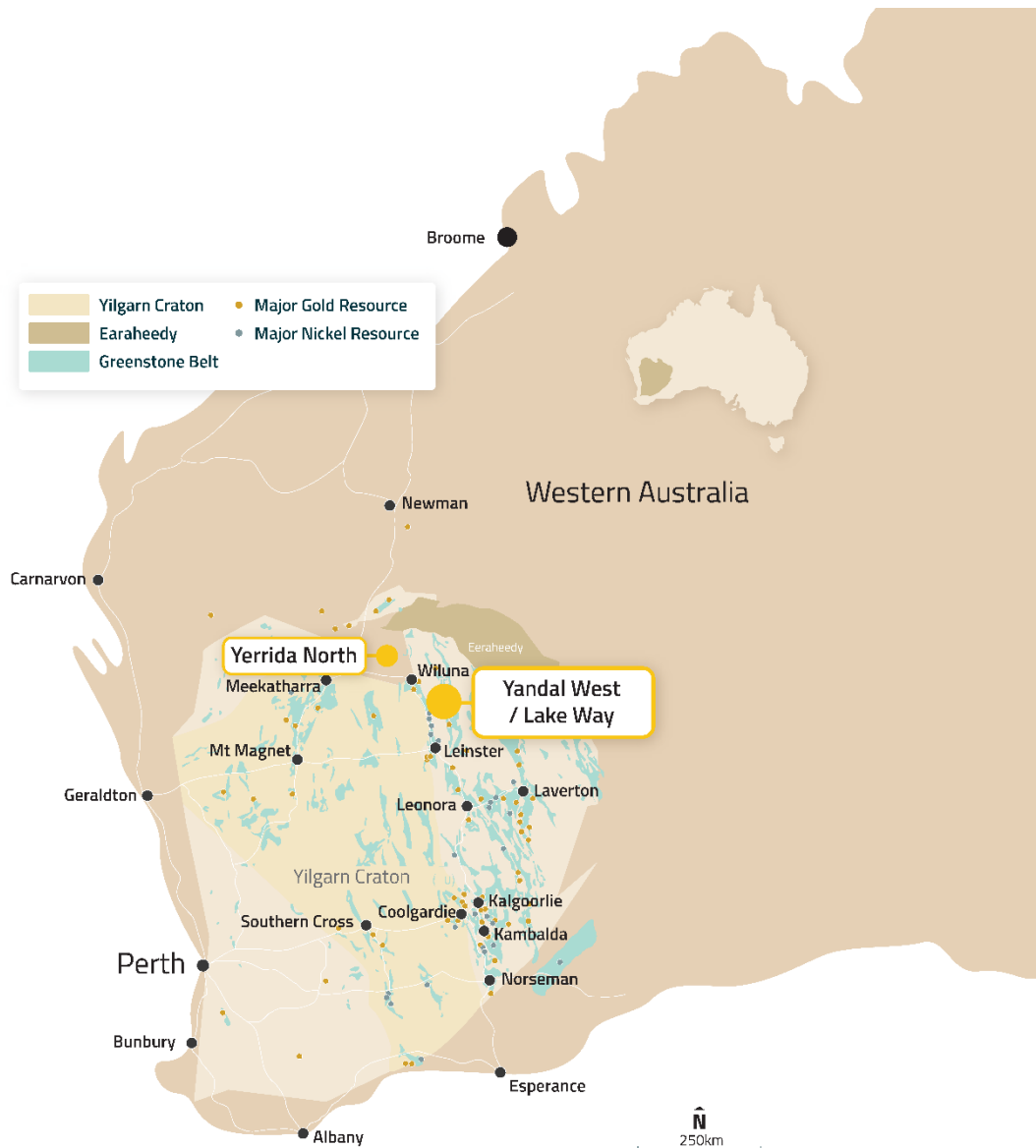
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About Great Western Exploration

Great Western Exploration (GTE.ASX) is a copper, gold and base metal explorer with a tier 1 land position in prolific regions of Western Australia. Great Western's tenements have been under or virtually unexplored.

Numerous work programmes across multiple projects are underway and the Company is well-funded with a tight capital structure, providing leverage to exploration success.





Great Western

Exploration

ASX:GTE

FULLY FUNDED FOR MULTIPLE HIGH-IMPACT DRILL PROGRAMMES

NOOSA MINING CONFERENCE

November 2024

CORPORATE SUMMARY

BOARD & MANAGEMENT

KEVIN SOMES

Non-Executive Chairman

SHANE PIKE

Managing Director

ROSS WILLIAMS

Non-Executive Director

GREY EGERTON-WARBURTON

Non-Executive Director

TONY WALSH

Company Secretary

CAPITAL STRUCTURE



563,859,174

Shares on issue¹



\$0.035

Share Price²



\$5.88M

Cash¹



\$19.7M

Market capitalisation²



245,504,807

Options on issue³

1. Assumes allotment of capital raising shares (see ASX release dated 22 October 2024).
2. As at 11/11/2024.
3. 5M unlisted 20/5/27 ZEPO incentive options 233M 15 July 2025 unlisted 8 cent options, 7.3M unlisted 28/2/2027 ESOP ZEPO options.

KEY INVESTMENT TAKEAWAYS

- Drilling of the giant, potential company making Oval Copper-Gold Targets is underway.
- Large, compelling Sumo Niobium Target defined.
- Six VHMS copper-gold targets at Juggernaut, a potential VHMS Copper-Gold Camp .
- Experienced board and management with a track record of discovery and corporate success.
- Very low corporate overheads with a strong cash position.
- >50% of the company held by directors, management and cornerstone shareholders.

OVAL AND OVAL SOUTH COPPER-GOLD TARGETS

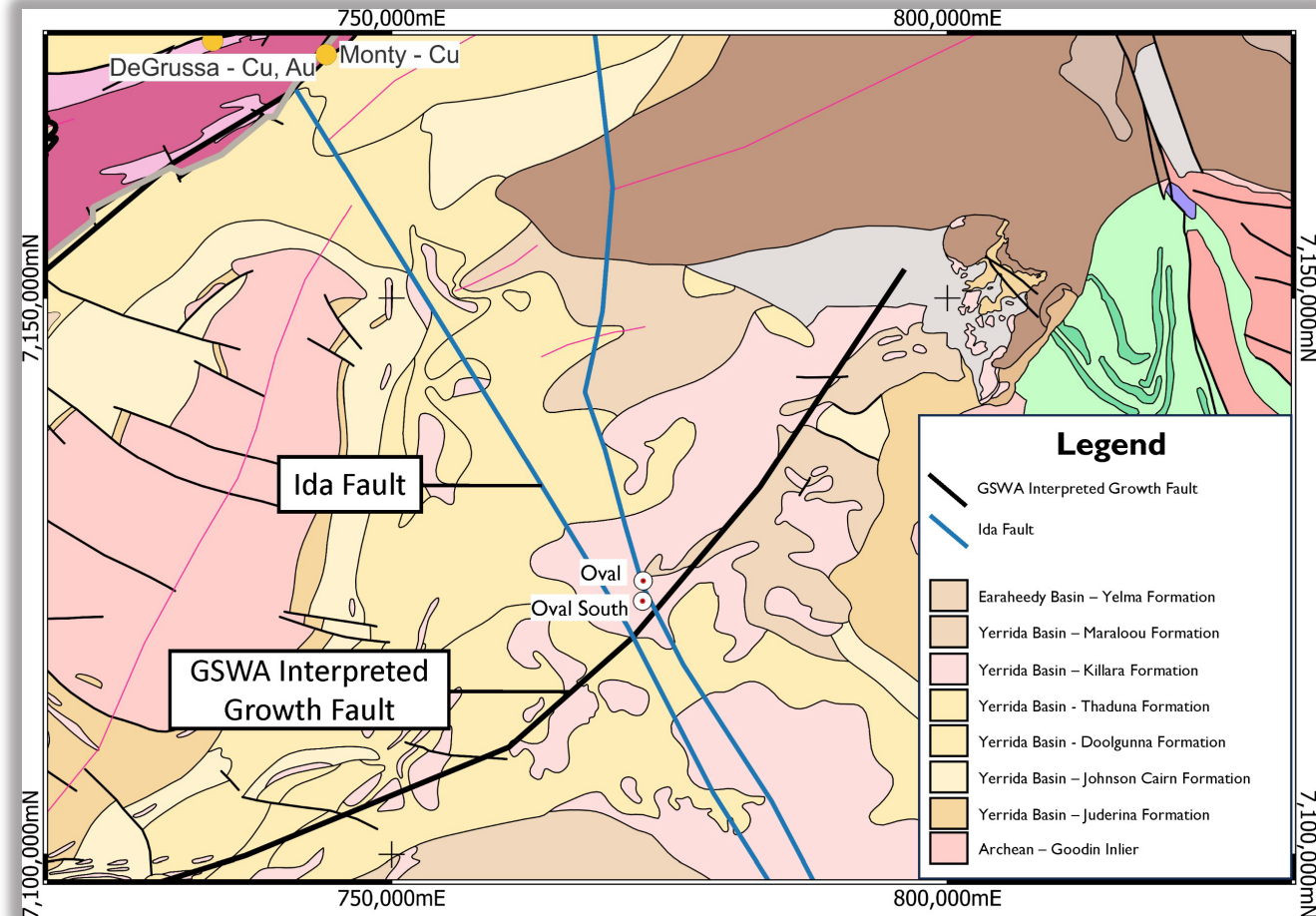
Yerrida North Project - 100% Owned

TWO GIANT COPPER-GOLD TARGETS IDENTIFIED

- Rio Tinto identified the giant Oval EM target in the 1990s.
- Rio drilled but failed to intersect the EM anomaly.
- Modern exploration by Sandfire (ASX:SFR) in JV with Great Western demonstrated the Oval EM target is below Rio's drilling.
- Both the Oval Targets are an analogue to the giant Winu and Haverion Intrusive Related Copper-Gold Deposit, sharing key geological attributes.



**POTENTIAL COLOSSAL SIZE
WINU/HAVIERON STYLE COPPER-GOLD
DISCOVERY TO BE MADE**

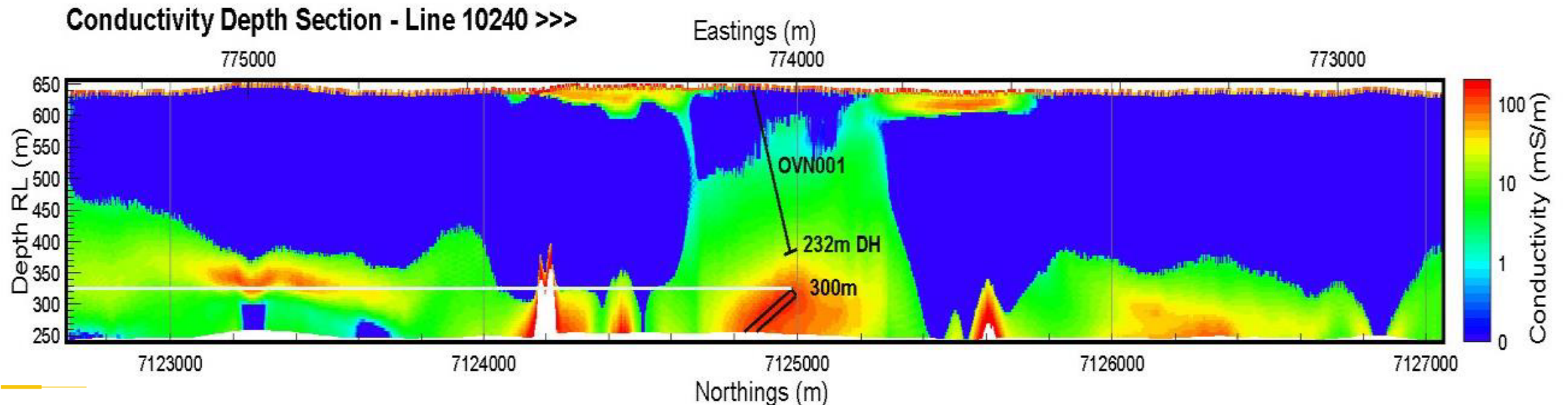


Location of the Oval and Oval South Targets and Great Western Tenements within the Yerrida Basin, and proximity to the DeGrussa and Monty Deposits in the nearby Byrah Basin

OVAL TARGET

GIANT MODELLED CONDUCTOR – TO BE EFFECTIVELY DRILL TESTED

- Oval target originally defined by a Rio Tinto TEMPEST electromagnetic (EM) 1990s survey.
- Drilling completed by Rio failed to intersect the conductor.
- A later VTEM survey defined the top of target at 300m (and below previously drilled hole).
- The VTEM anomaly at Oval represents a compelling discovery target.

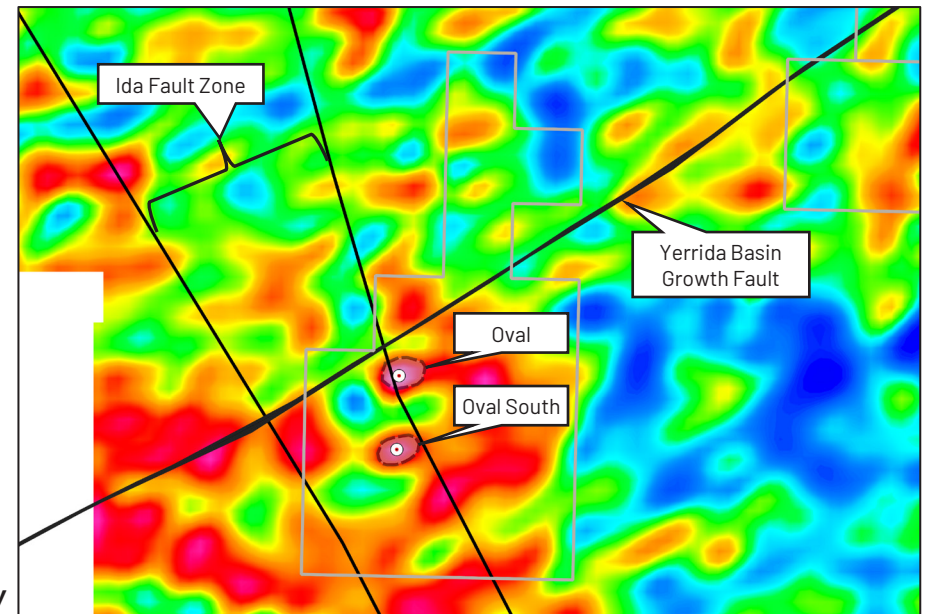
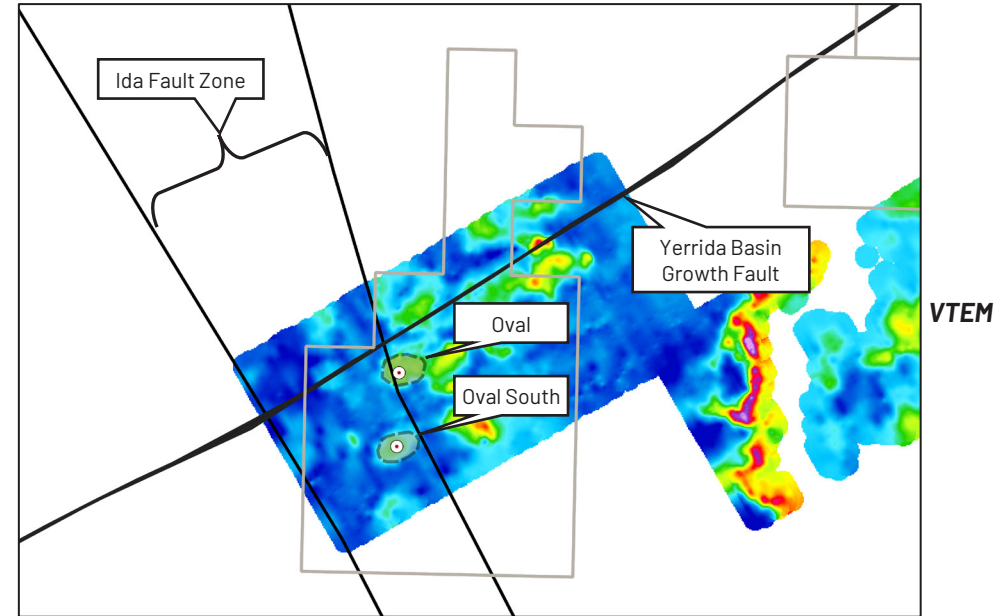


OVAL AND OVAL SOUTH

GIANT WINU/HAVERION STYLE INTRUSIVE RELATED COPPER-GOLD MINERALISATION INTERPRETED TARGETS

Significant potential for a discovery, with the following key geological attributes:

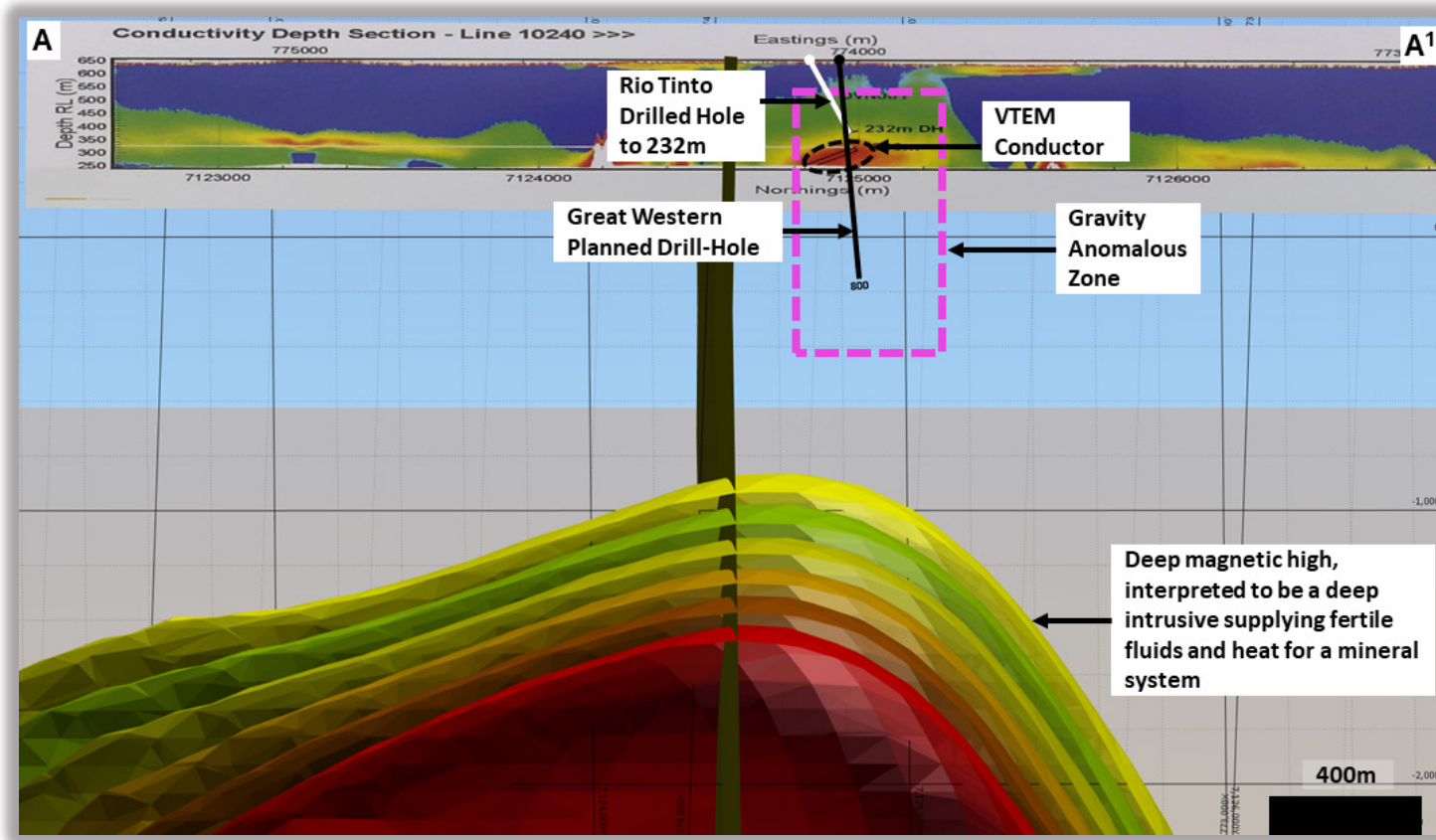
1. **Co-incident gravity and EM anomalies** – potentially representing obscured metal rich sulphide mineralisation.
 2. **Co-incident magnetic anomalism** representing a deep intrusive providing mineralised fluids and heat source – heat and fluid “engine” – for mineral system.
 3. **Favourable stratigraphy** for intrusive related copper-gold mineral systems.
 4. **Proximity to the proven fertile crustal scale Ida Fault and Yerrida Basin “Growth” Fault** – both structural features act as a fluid conduit to favourable stratigraphy for potential **significant metal accumulation**.
- **Potential colossal discovery to be made.**



OVAL AND OVAL SOUTH

DRILLING PROGRAMME TO TEST GIANT COPPER-GOLD TARGETS

- Drilling is designed to test both Oval and Oval South Targets.
- Prospectivity of the Oval Targets strongly endorsed by Western Australian Government co-funding through the Exploration Incentive Scheme (EIS).
- Drilling will test coincident electromagnetic conductive and gravity highs, within a highly prospective intersection between the Ida and Yerrida Basin Growth Faults.
- The Drill programme is underway.

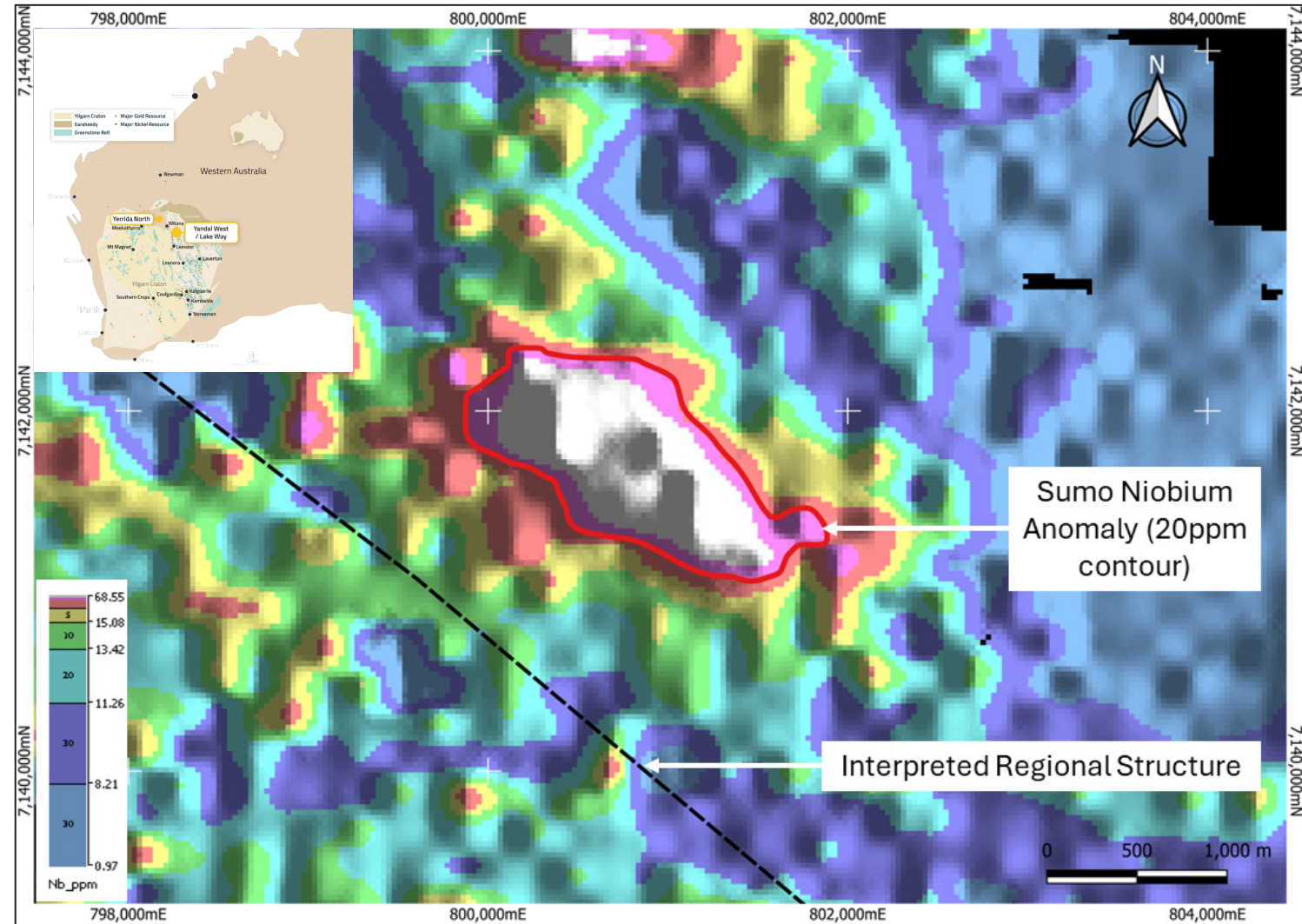


SUMO NIOBIUM TARGET - YERRIDA NORTH PROJECT

Yerrida North Project - 100% Owned

LARGE COMPELLING NIOBIUM TARGET

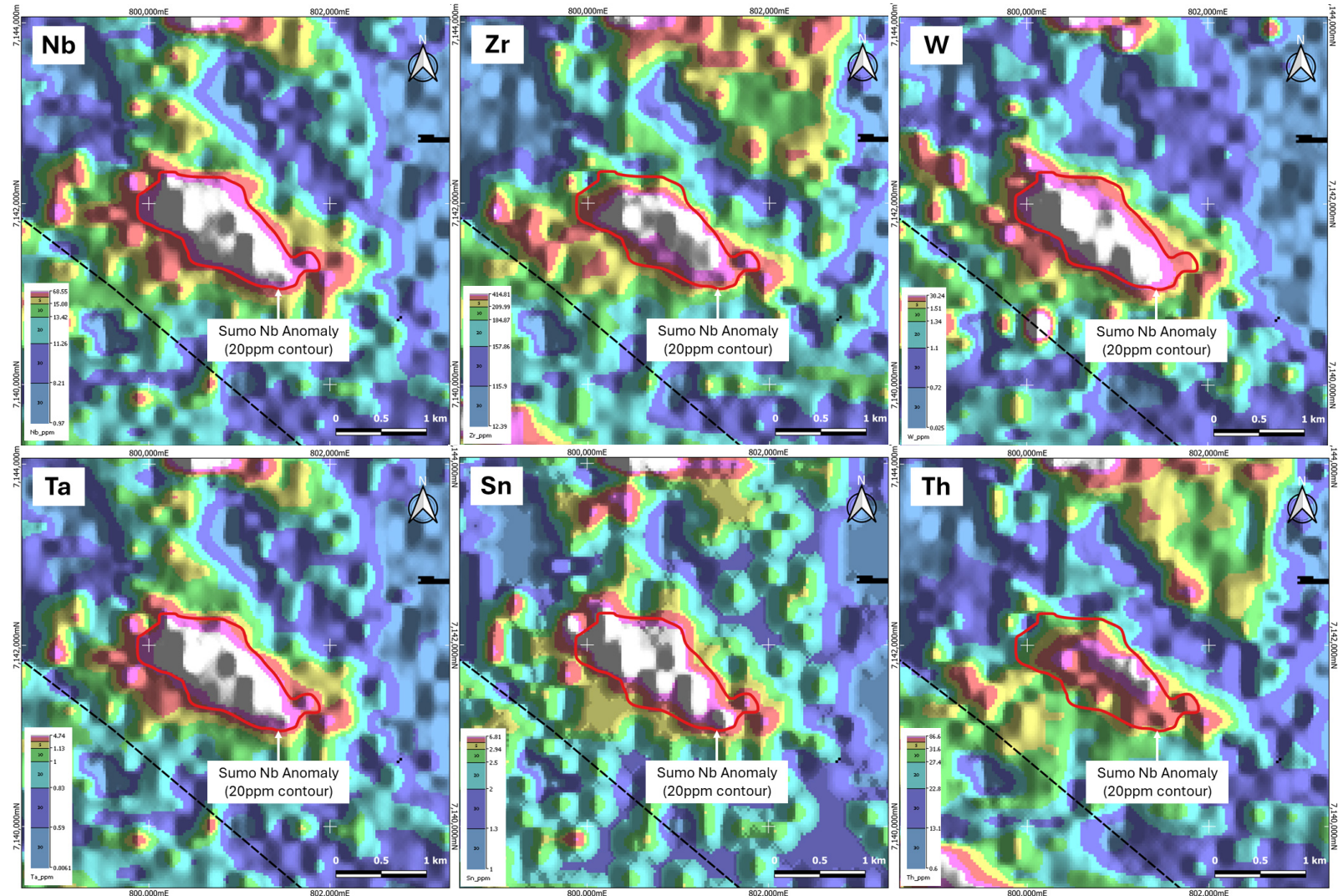
- The Sumo Niobium Target is a large 2km x 1km lag soil anomaly.
- Sumo is located 70km from the DeGrussa Copper Gold Deposit and 30km from Oval Copper Gold Target.
- Prospectivity highlighted by coincident pathfinder geochemistry, supporting potential for niobium mineralised system.
- Field reconnaissance verified Sumo as insitu, and not a false anomaly related to transported sediments.
- Niobium anomaly located on magnetic and gravity highs further supporting potential.
- Heavy Mineral Concentrate analysis found a strong correlation between titanium mineral (ilmenite) – an association often found in weathered carbonatite niobium deposits.



SUMO NIOBIUM TARGET - YERRIDA NORTH PROJECT

LARGE COMPELLING NIOBIUM TARGET

- Niobium anomalism coincident with several pathfinders commonly found with carbonatite niobium deposits.
- Niobium coincident with pathfinder elements such: As, Ag, Bi, Cr, Mo, Sb, Sn, Ta, Ti, Th, U, W, and Zr.
- No evidence found of Fe or Mg scavenging.
- Heavy mineral concentrate analysis found strong correlation between titanium minerals, common in weathered niobium deposits
- Preparations for drill testing is underway with a heritage clearance scheduled for early-December.

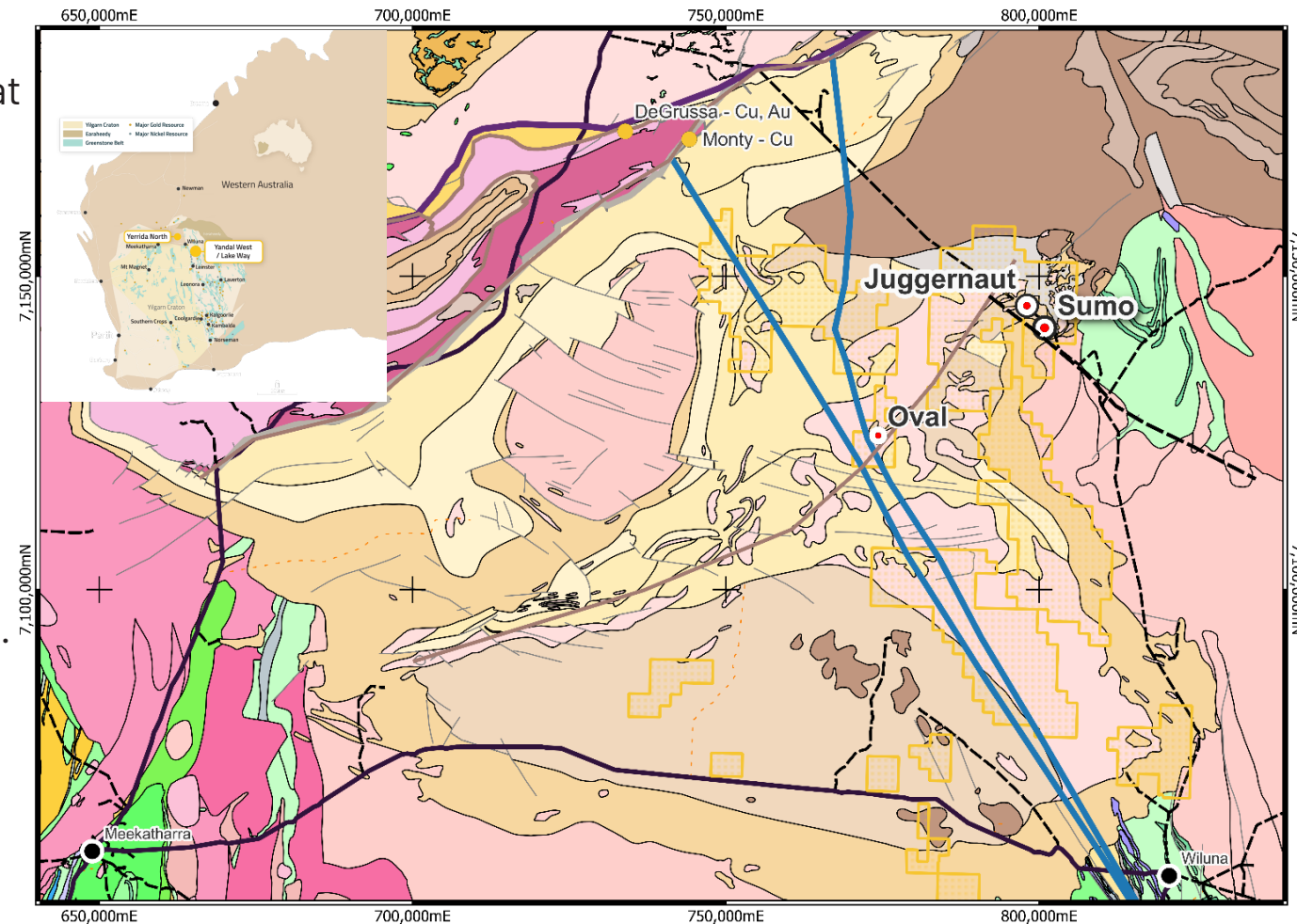


JUGGERNAUT COPPER-GOLD TARGETS - YERRIDA NORTH PROJECT

Yerrida North Project - 100% Owned

SIX TARGETS DEFINED - POTENTIAL VHMS COPPER-GOLD CAMP

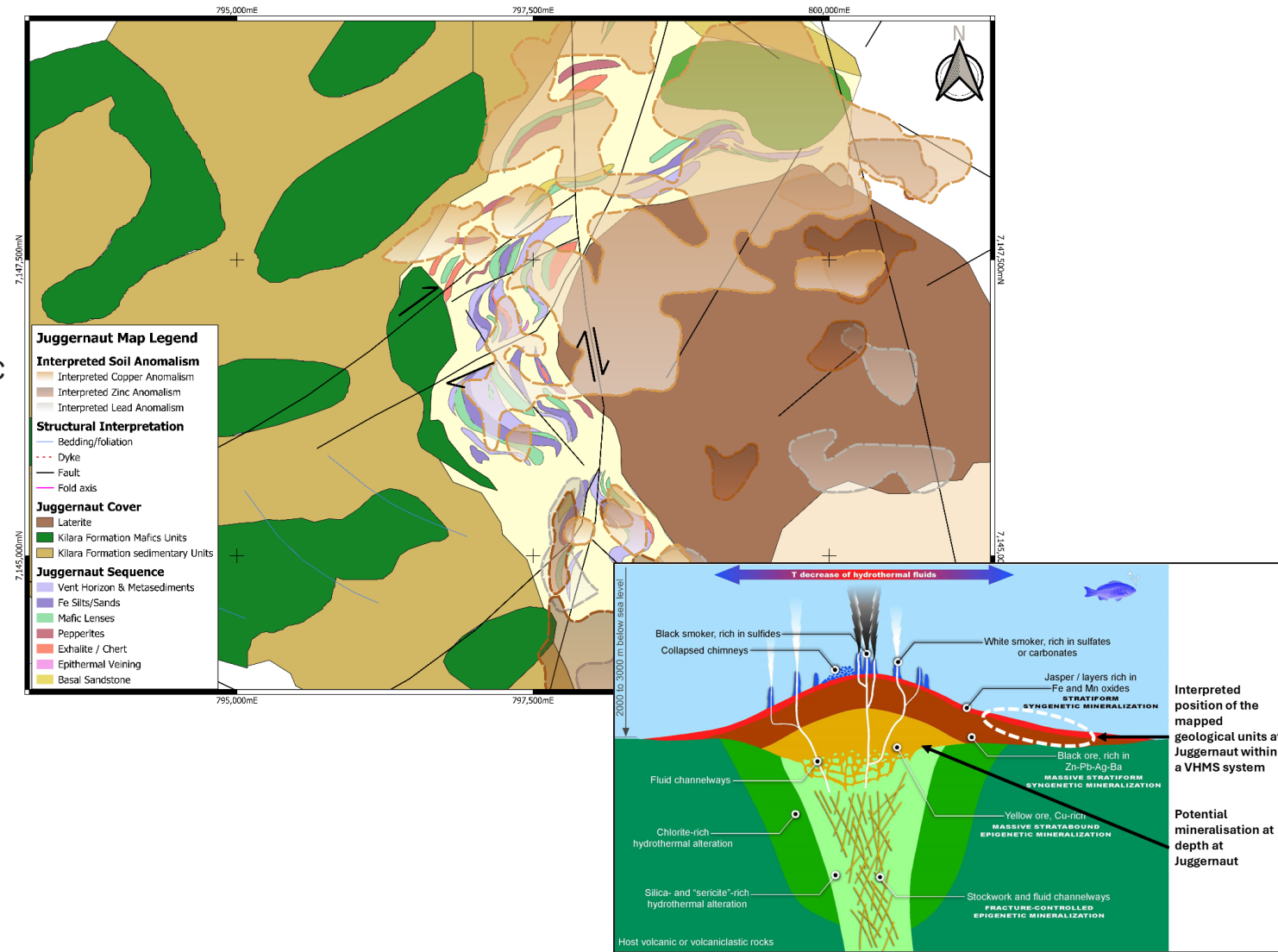
- Six VHMS DeGrussa style targets have been defined at Juggernaut:
 - Seymour,
 - Howard,
 - Falconer,
 - Palmer,
 - Smith, and
 - Archer.
- Each target is defined by the target's individual stratigraphic, geochemical, and structural attributes.
- VHMS mineralisation is often found in clusters, with the six targets interpreted to represent this mineralisation style characteristic.



JUGGERNAUT COPPER-GOLD TARGETS – YERRIDA NORTH PROJECT

SEVERAL COINCIDENT GEOLOGICAL ATTRIBUTES – HIGHLY PROSPECTIVE FOR VHMS MINERALISATION

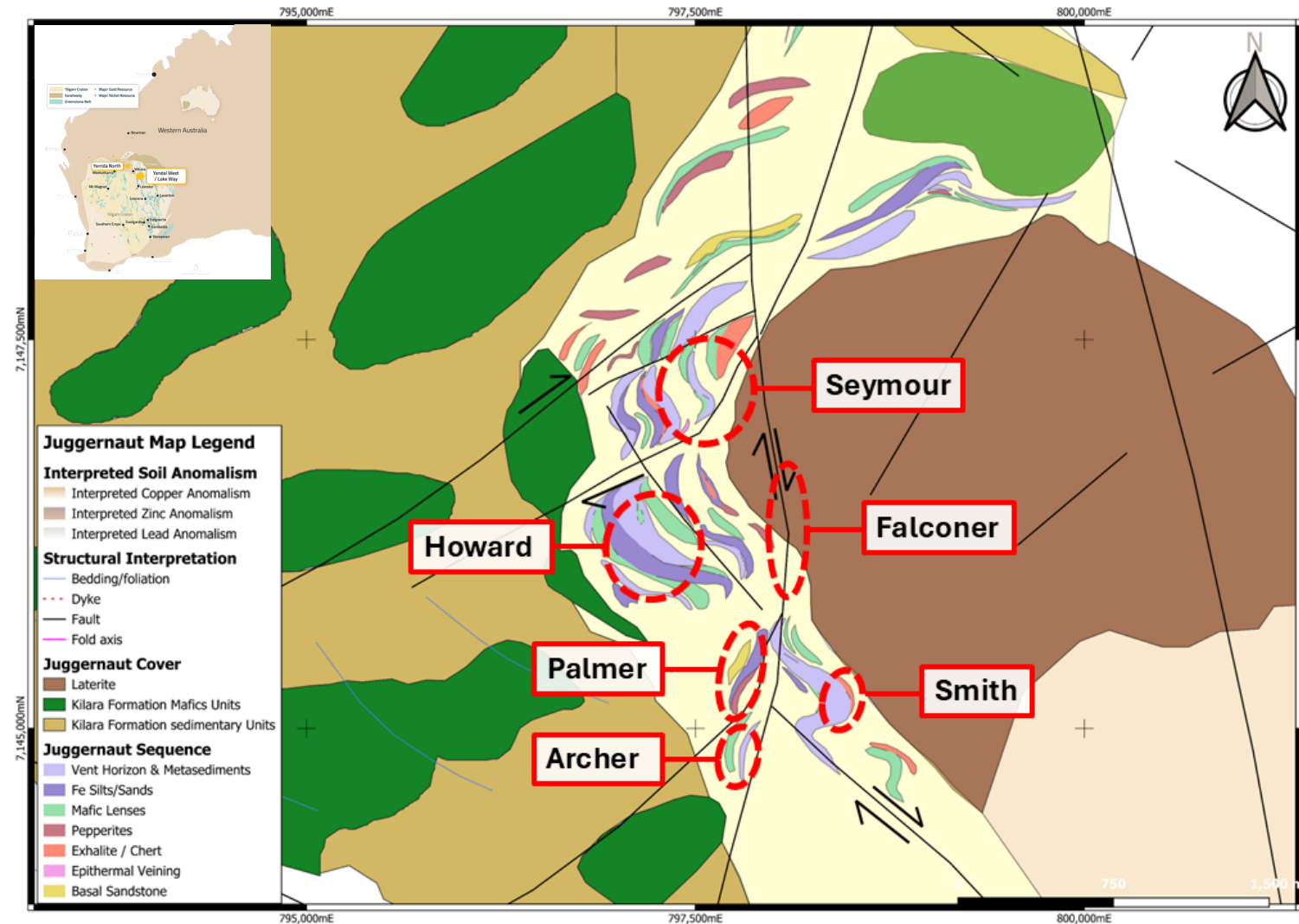
- The Juggernaut targets are defined by:
 - A broad, zoned, lead-zinc to copper lag-soil anomaly.
 - Deep-sea sedimentary rocks with syngenetic volcanism and within an interpreted rift structural regime.
 - The interbedded sedimentary and volcanic rocks contain textures and alteration that are highly prospective for VHMS mineralisation.
 - Rocks are within a modelled rift structural regime.
- These geological attributes are interpreted to represent a position outboard to massive sulphide mineralisation.



JUGGERNAUT COPPER-GOLD TARGETS - YERRIDA NORTH PROJECT

SIX TARGETS DEFINED REQUIRING DRILL TESTING

- Six separate drill targets defined at Juggernaut: Seymour, Falconer, Howard, Palmer, Smith, and Archer.
- Each target is defined by the target's individual stratigraphic, geochemical, and structural attributes.
- VHMS mineralisation systems often form in clusters of deposits, and it is interpreted these targets represent this mineralisation style characteristic.
- The targets are now drill-ready, and Great Western is making preparations for a drilling programme, with a heritage survey scheduled for early-December 2024.



COMPANY MAKING EXPLORATION PROGRAMMES TO BE COMPLETED IN 2024

- **Drilling of the giant, potential company making Oval Copper-Gold Targets is underway.**
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DISCLAIMER

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DISCLAIMER

COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Shane Pike who is a member of the Australian Institute of Mining and Metallurgy. Mr. Pike is an employee of Great Western Exploration Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Pike consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Company's Exploration Results is a compilation of Results previously released to ASX by Great Western Exploration (17/08/2023, 5/10/2023, 18/12/2023, 2/05/2024, 31/07/2024, 12/09/2024, 8/10/2024, 16/10/2024, and 21/10/2024) Mr. Shane Pike consents to the inclusion of these Results in this report. Mr. Pike has advised that this consent remains in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters in the market announcements continue to apply and have not materially changed. The Company 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.

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