



**Unlocking Value
Across WA's
Greenstone Belts**

Corporate Update

May 2025

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Competent Person's Statement

Information in this Presentation that relates to exploration targets, exploration results and mineralisation is based on and fairly reflects information compiled by and conclusions derived by Mr Jason Froud, who is a member of The Australian Institute of Geoscientists (AIG). Mr Froud is a full-time employee and Managing Director of Premier1. Mr Froud has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 (JORC Code). Mr Froud consents to the inclusion in this Presentation of the matters based on his information in the form and context in which it appears.

Authorisation

This Presentation has been authorised for release by the Premier1 Lithium Board.

Exploration Success Highlights Broader Discovery Potential

Drilling success at Crescent South and Carlisle validates exploration model at Yalgoo and sets up multiple untested structural targets for future programs

Yalgoo (Golden Grove North)

Located ~10km northeast of Yalgoo

Extensive historical workings from gold and copper production

Historical resource estimate to 40m depth only



- ✓ Shear-hosted orogenic gold system
- ✓ Confirmed high-grade mineralisation open at depth and along strike
- ✓ + 25km of prospective strike for gold and copper
- ✓ 3,100m maiden RC program completed
- ✓ \$180,000 EIS grant to test new targets

Abbotts North

Directly along strike from Ora Gold's Garden Gully project



- ✓ Orogenic gold system along the Abernathy shear
- ✓ Targeted initial exploration completed on newly identified gold zones
- ✓ Rock chip assay results pending

Board & Management



Hugh Thomas
Non-Executive Chairman

Mr Thomas has experience in commercial and operational roles in the natural resources sector over a 40-year career.

His previous roles include MD and head of Asia Pacific Natural Resources for both JP Morgan and Morgan Stanley in Hong Kong and head of natural resources investment banking for Investec Bank in Sydney. Mr Thomas has extensive experience working with listed companies as they move from explorer to developer.



Jason Froud
Managing Director

Mr Froud is a geologist with over 25 years of experience in the resources sector, having worked for major mining companies including Newcrest and WMC, as well as global consultancies.

His expertise spans the entire mining cycle across numerous commodities. Recently, he was responsible for business development at Liontown Resources, where he focused on generating new lithium and battery metals projects with Tier 1 potential.



Anja Ehser
Non-Executive Director

Mrs Ehser is a geologist with more than 15 years of experience in minerals exploration and project management for base, precious and battery metals in Europe and Canada.

Since 2011, she has held various positions within the Deutsche Rohstoff Group including management and board positions in various subsidiaries. Mrs Ehser currently is VP Geology focusing on the business development of its metals and mining sector.



Paul Smith
Exploration Manager

Mr Smith is a geologist with over 13 years of experience in the exploration of precious, base and critical minerals throughout Australia and Central Asia. He was most recently leading the discovery, exploration and drill out at the Andover lithium project by Azure Minerals.

Prior to that, Mr Smith was Senior Geologist at Iluka Resources responsible for project generation and evaluation as well as project management.

Corporate Snapshot

Capital Structure as of 19 May 2025

A\$4.1M
Market Cap

A\$0.011
Share Price

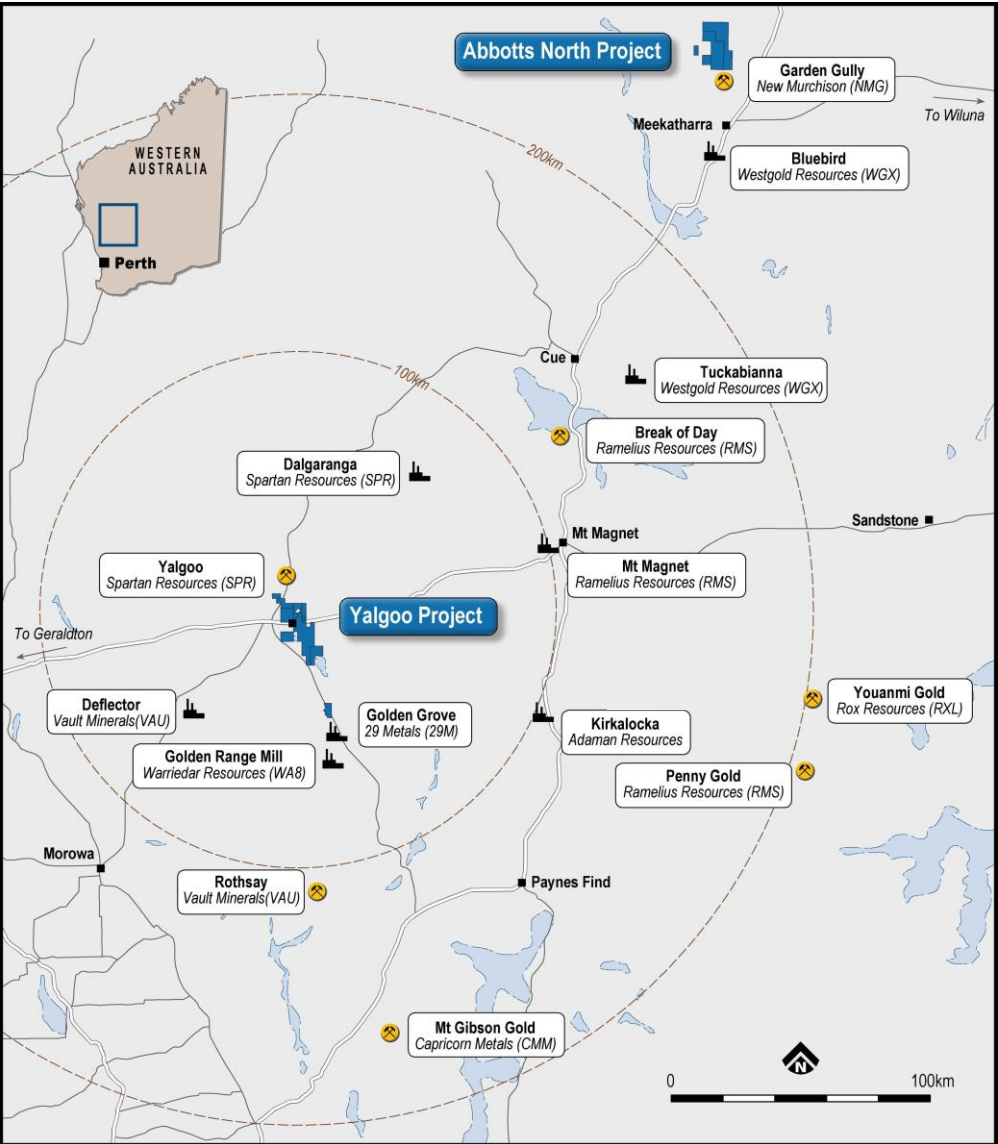
A\$1.7m
Cash¹

Nil
Net Debt

368.1M
Shares Issued

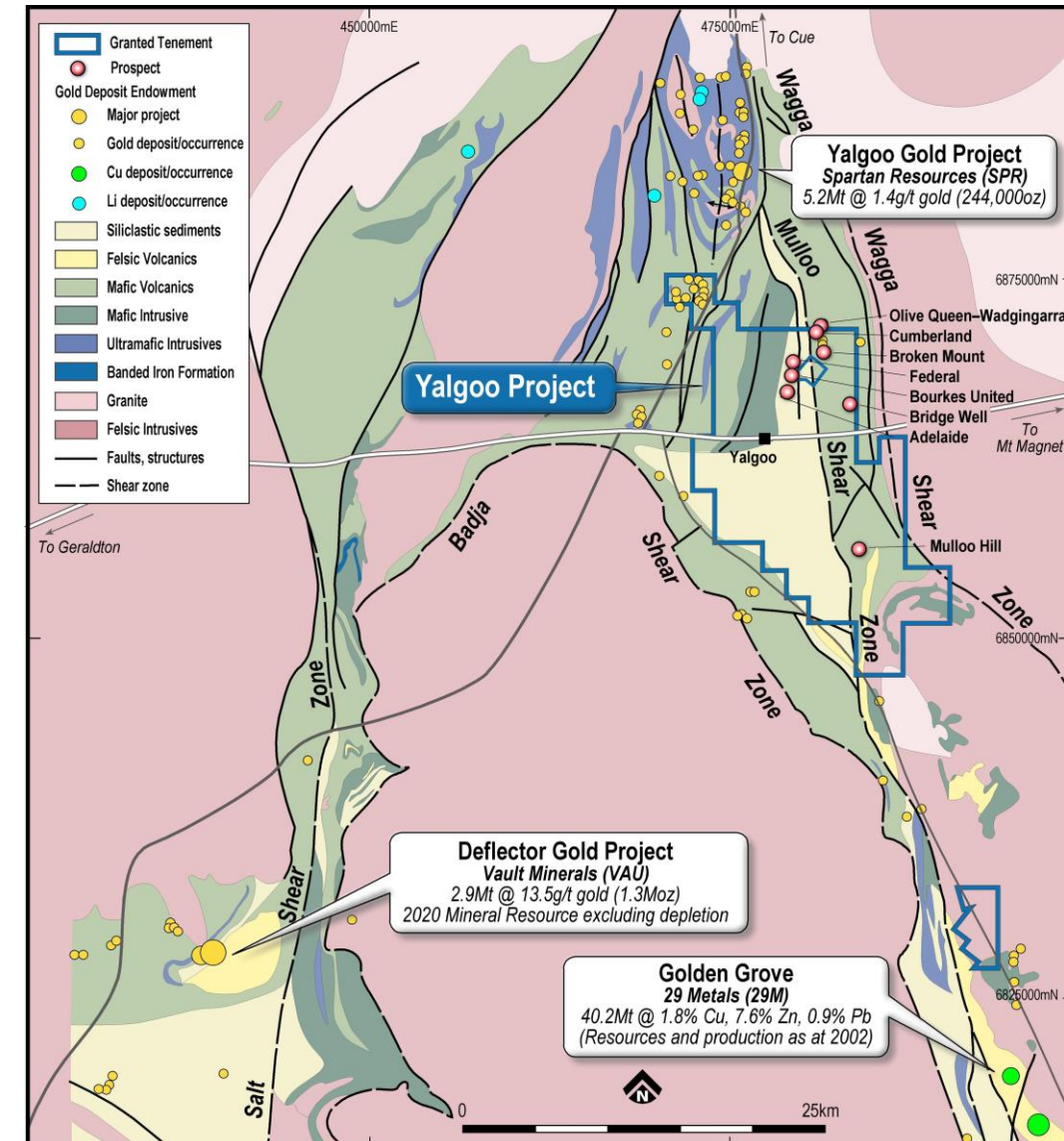
Shareholder Summary

Deutsche Rohstoff	19.0%
Top 20 Shareholders	53.9%



Yalgoo Project – Prime Position in an Overlooked Mineral Province

- ▶ Tenure covers over 260km² of greenstone belt
- ▶ Includes a large portion of the northern Yalgoo-Singleton greenstone belt (YSGB) – host to Deflector and Golden Grove mines
- ▶ >25km of prospective strike along major mineralised shears
- ▶ Shallow historical drilling with high grade gold mineralisation confirmed by recent maiden RC drilling program
- ▶ Proximity to gold and copper processing plants
- ▶ Good infrastructure with road access to Geraldton 200km to the west
- ▶ Premier1 has the right to earn up to a 70% interest in all mineral rights (except REE)



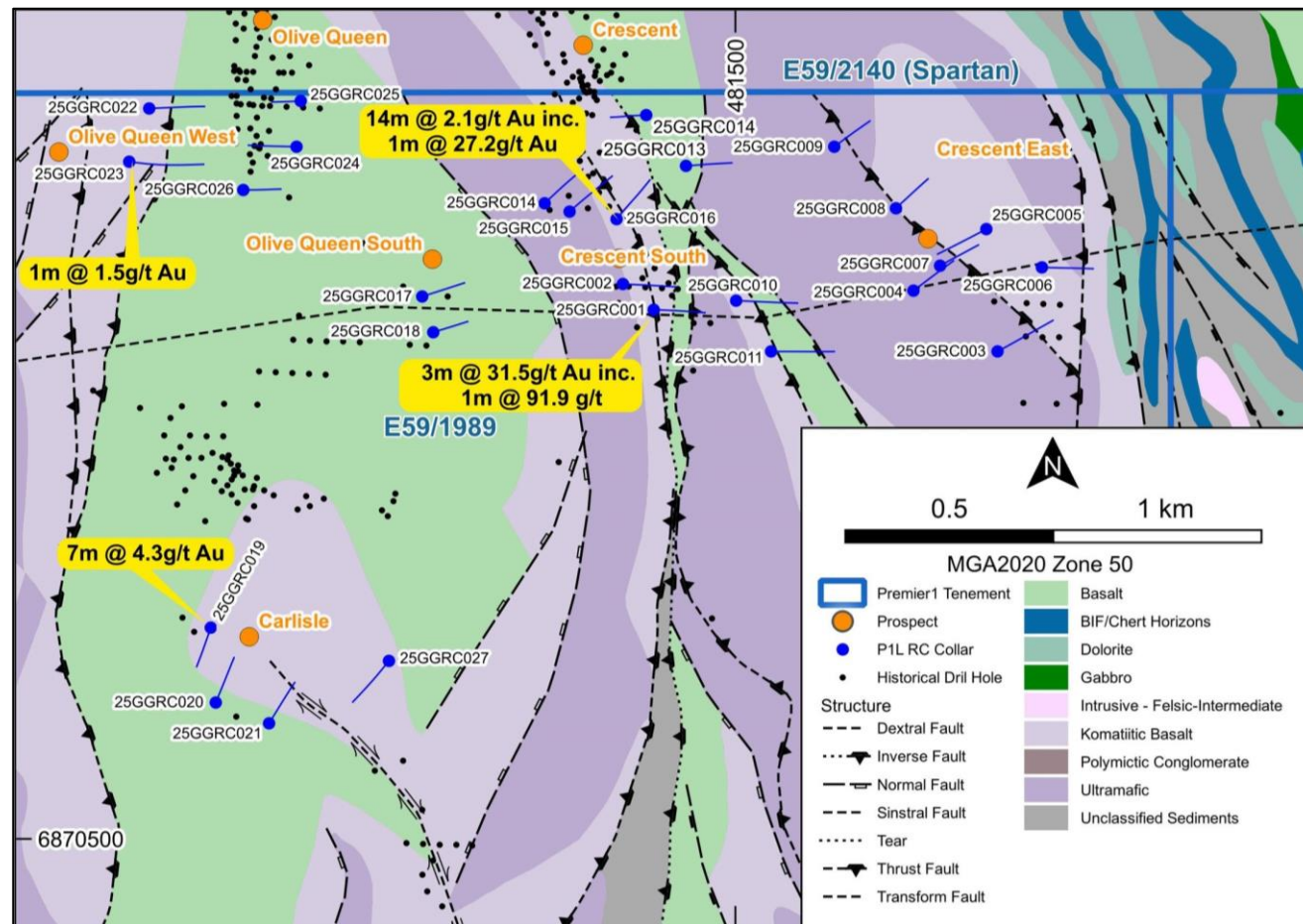
Yalgoo Project – Significantly Underexplored

- ▶ Limited historical drilling into fresh rock, average depth of drilling only 46m
- ▶ Substantial discovery upside below and along strike from known mineralisation
- ▶ Greenstone belt host to notable gold and base metal deposits
 - ▶ Scuddles and Golden Grove Members host the Golden Grove Zn-Cu-Au deposit – one of the most significant Archaean VHMS deposits in Australia
 - ▶ Gold mineralisation almost entirely epigenetic and both structurally and stratigraphically controlled
 - ▶ Epigenetic gold mineralisation occurs in, or adjacent to, the shear zones or associated fracture systems and the deposits are concentrated within BIF, basalts and the ultramafic rocks



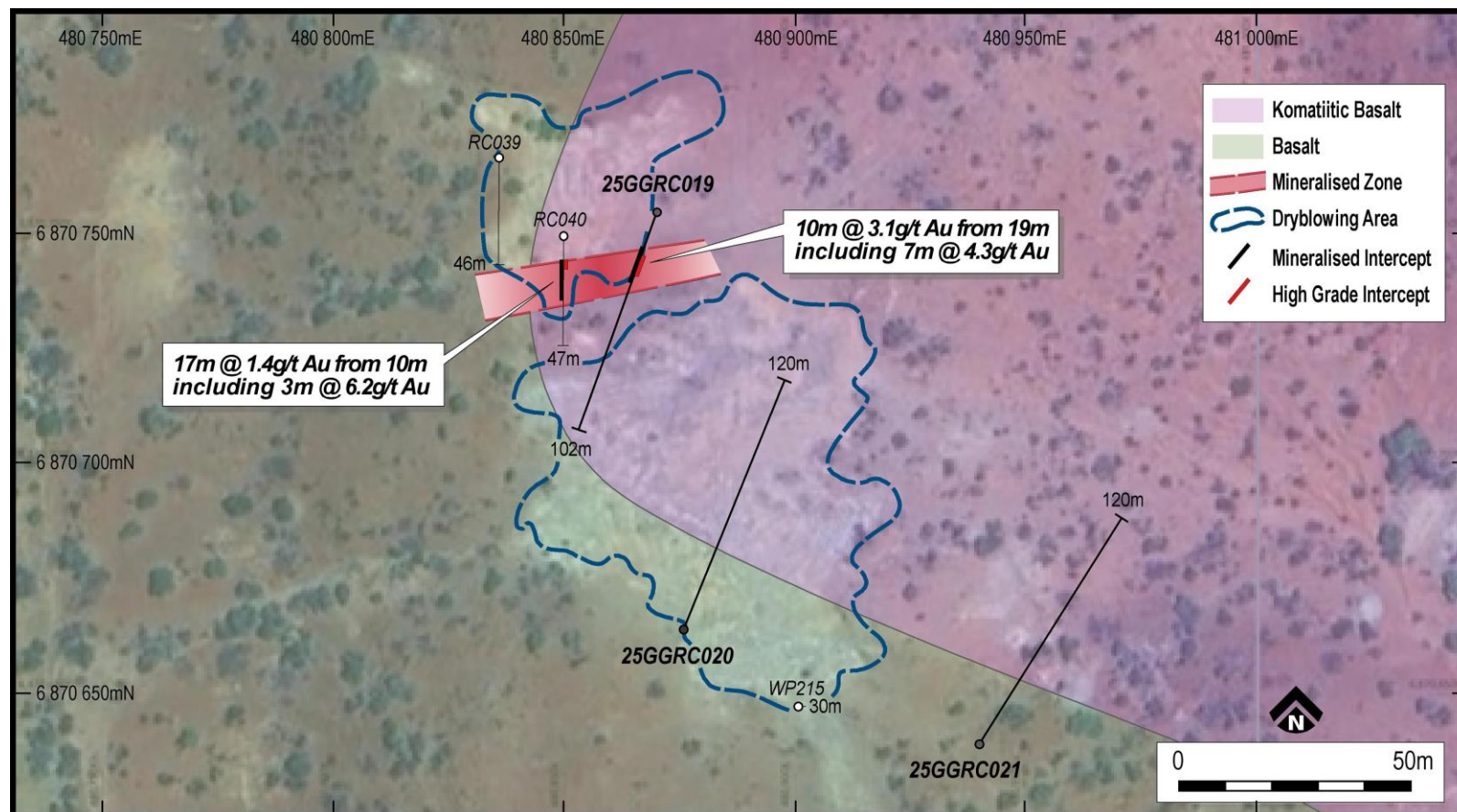
Yalgoo Project – Maiden RC Drilling Program

- ▶ High-grade gold confirmed at Carlisle¹
 - ▶ 10m at 3.1g/t Au from 19m including 7m at 4.3 g/t Au (25GGRC019)
 - ▶ Eastern extension of historical intercept of 17m at 1.4 g/t Au (RC040) highlighting potential for a new, untested north-dipping mineralised structure
- ▶ Exceptional gold intercepts at Crescent South¹
 - ▶ 3m at 31.5g/t Au from 97m including 1m at 91.9g/t gold (25GGRC001)
 - ▶ 1m at 27.2 g/t Au from 83m (25GGRC016)
 - ▶ High-grade mineralisation hosted on a north-south structure with untested southern extension
- ▶ New mineralisation system identified at Olive Queen West¹
 - ▶ First-ever drilling in the area intersected 1m at 1.5 g/t Au from 96m (25GGRC023) within 5m at 0.4 g/t Au



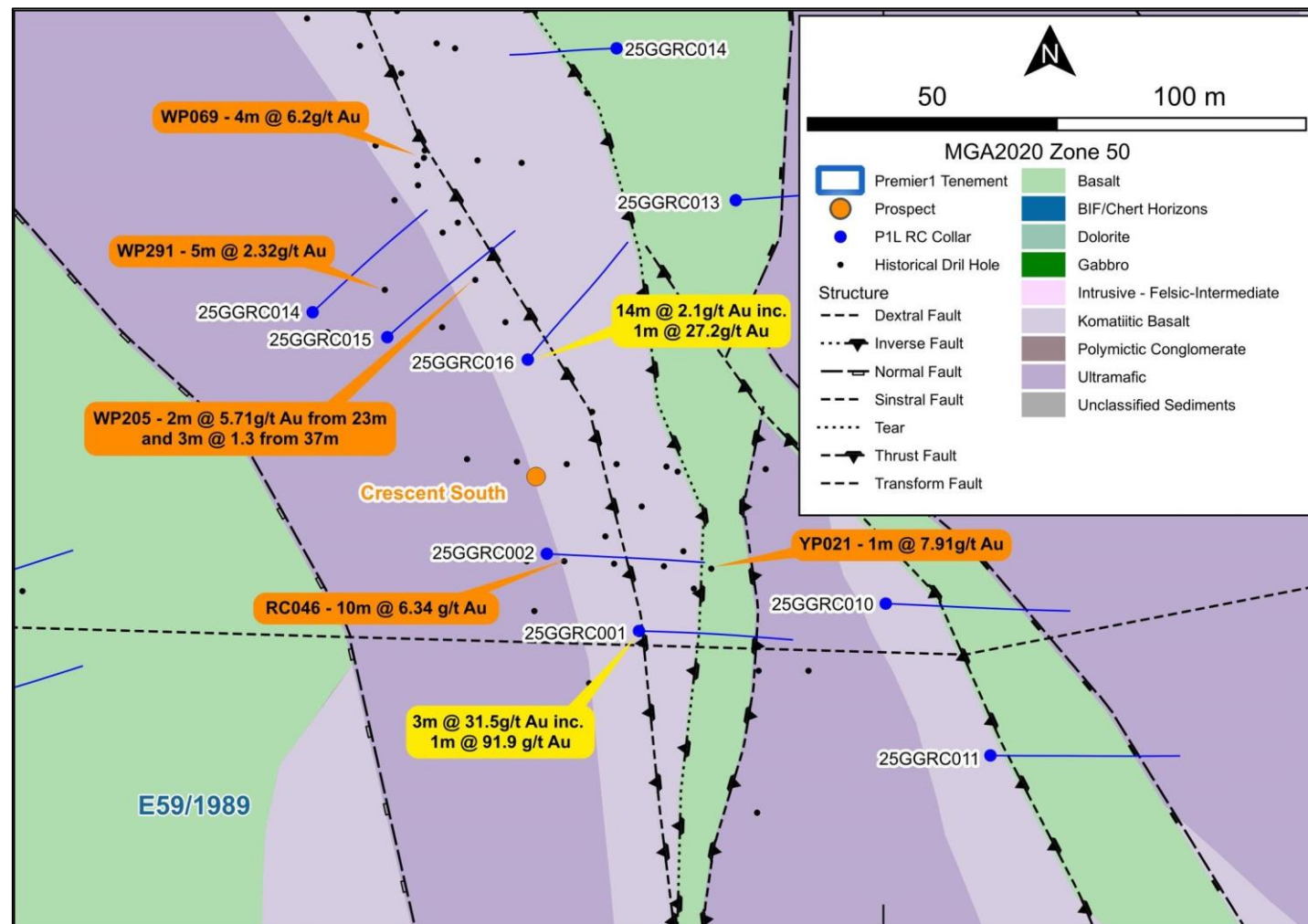
Yalgoo Project – Carlisle Prospect

- ▶ Recent RC drilling intercepted 10m at 3.1g/t Au from 19m including 7m at 4.3g/t Au (25GGRC019)¹
- ▶ Collared approximately 20m to the east of historic hole RC040 (17m at 1.4g/t)¹
- ▶ Extension and strike potential is completely untested and presents an immediate target for future drilling
- ▶ Carlisle extension to be prioritised in upcoming follow-up drilling program



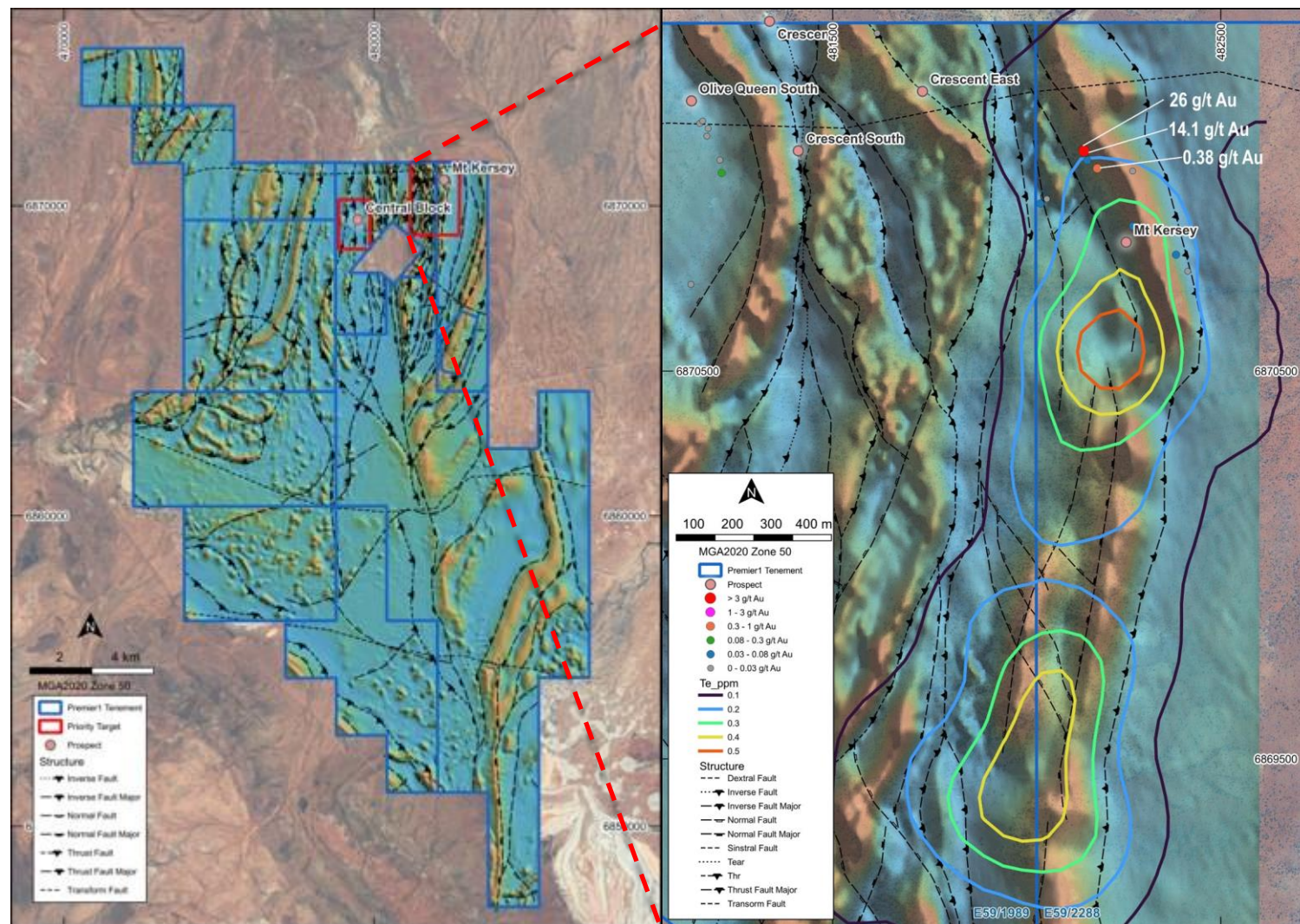
Yalgoo Project – Crescent South Prospect

- ▶ 3m at 31.5g/t Au from 97m including 1m at 91.9g/t Au (25GGRC001)¹
- ▶ 17m at 2.1g/t Au from 70m including 1m at 27.2g/t Au (25GGRC016)¹
- ▶ North-south structure interpreted to continue for several kilometres
- ▶ Structure and continuity of gold mineralisation is completely untested by drilling to the south



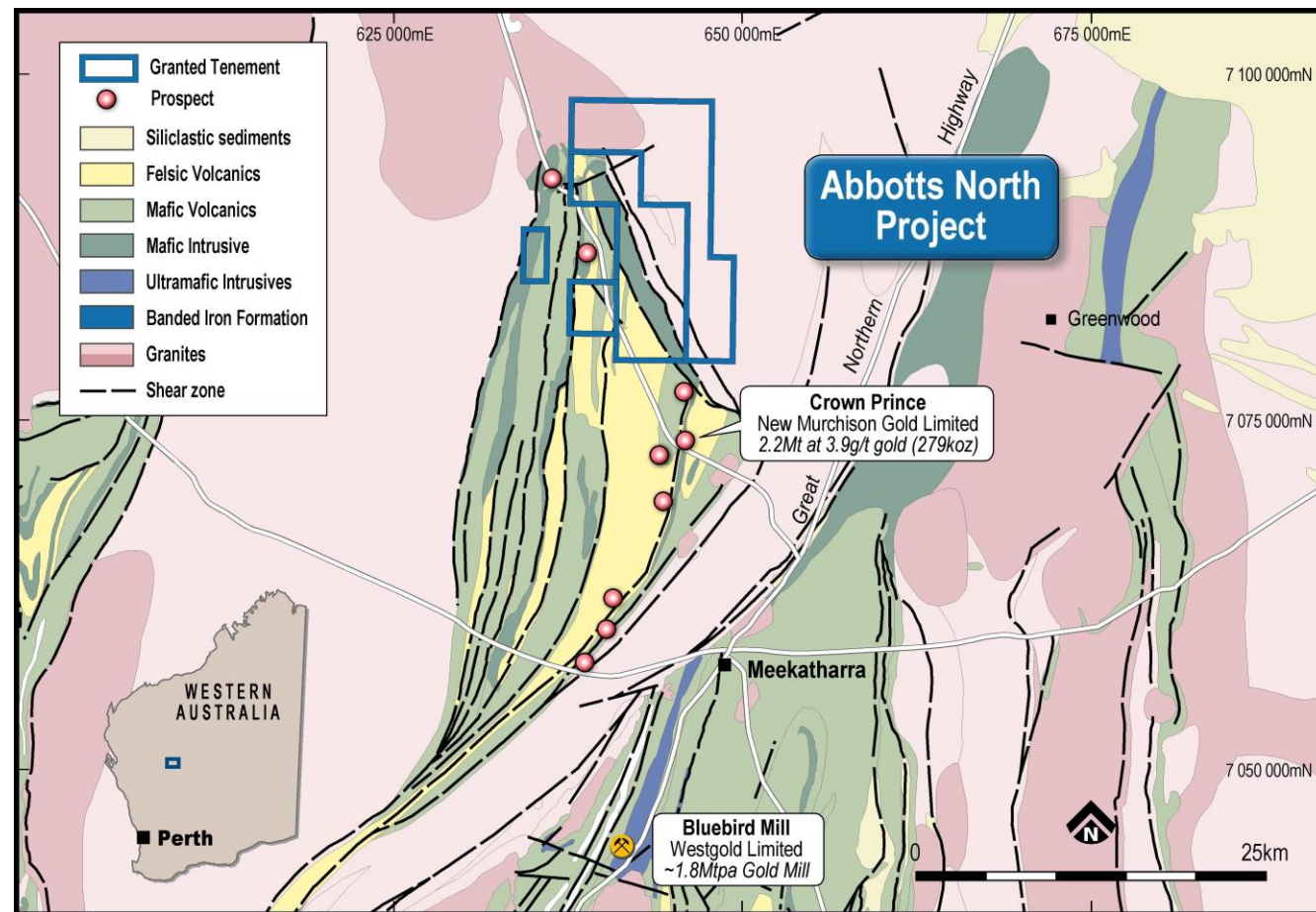
Yalgoo Project – Further High Priority Targets

- ▶ Regional structural interpretation completed over the entire Yalgoo Project area
- ▶ Detailed litho-structural study completed over previously completed drone magnetic survey area
- ▶ High-priority gold and base metal targets identified at the Mt Kersey and Central Block Prospects
- ▶ Strong multi-element geochemical soil anomaly (Te, Bi, As) at Mt Kersey Prospect over 2km¹
- ▶ High-grade rock chip results at Mt Kersey from litho-geochemical sampling include 26.4 g/t Au and 14.1 g/t Au¹



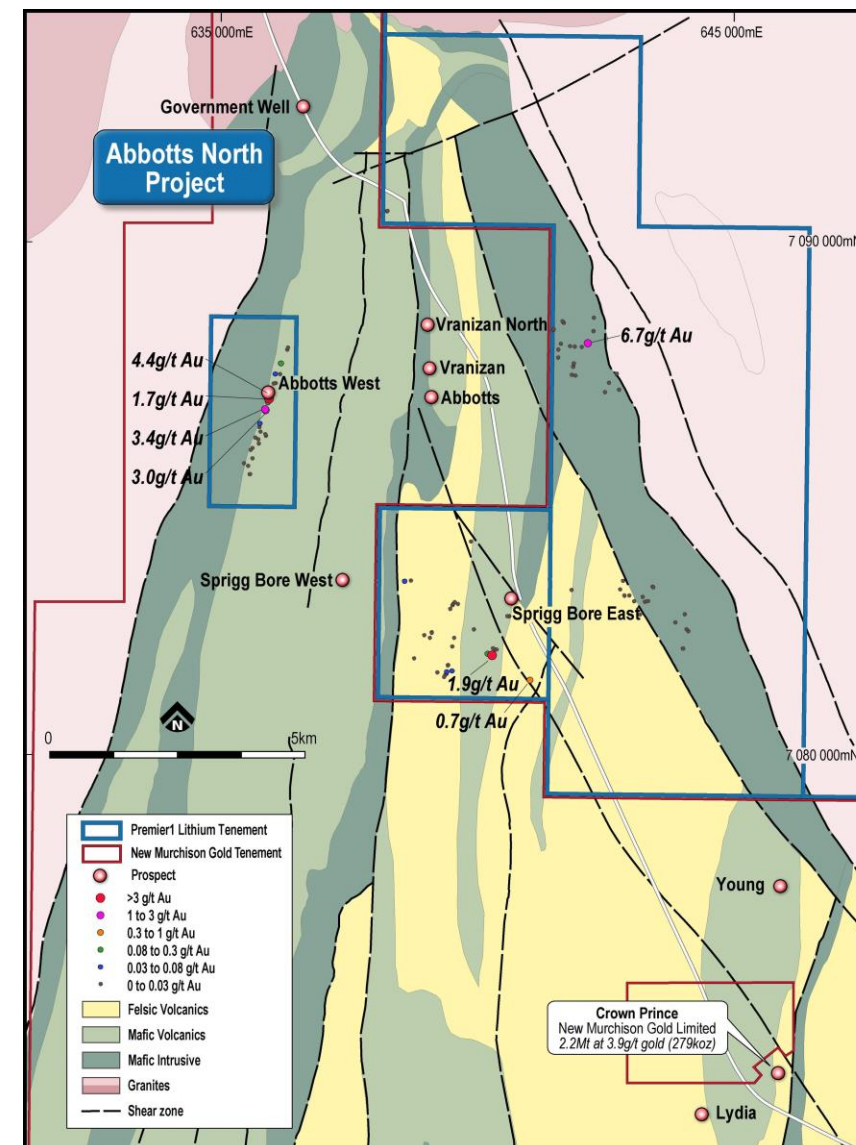
Abbotts North Project – Underexplored Greenstone Belt

- ▶ Abbotts Greenstone Belt rich in gold deposits
 - ▶ Ora Gold's Garden Gully deposit immediately south of the licence boundary
 - ▶ Crown Prince deposit with a Mineral Resource of 2.2 Mt at 3.9g/t Au¹ immediately south
 - ▶ Westgold's Bluebird Mill located 30km south
- ▶ Untested plays off main Abernathy Shear (host to the Crown Prince deposit)






Abbotts North Project – Underexplored Greenstone Belt

- ▶ Rock chip assay results from first pass sampling program at Abbotts North Project include¹:
 - ▶ New Prospect Area: 6.7g/t Au (24ANR299)
 - ▶ Sprigg Bore: 1.9g/t Au (24ANR254)
0.7g/t Au (24ANR313)
 - ▶ Abbotts West: 4.4g/t Au (24ANR314)
3.4g/t Au (24ANR323)
3.0g/t Au (24ANR322)
- ▶ Encouraging gold results were returned from previously unexplored areas including along the structural trend from the nearby Crown Prince deposit
- ▶ Gold mineralisation identified across multiple prospects, confirming the potential of known gold trends




Next Steps

► Yalgoo Project – Unlocking Full Potential

- Carlisle Prospect  Follow-up RC drilling to extend high-grade mineralisation intersected in maiden program
- Mount Kersey and Central Block Prospects  Maiden drilling program supported by \$180k EIS grant, Strong geochemical signatures and favourable structural setting
- Mulloo Fault Corridor  Geophysics and surface sampling planned along highly prospective structure

► Abbots North – Advancing Towards Drilling

- Multiple target areas  Detailed mapping and sampling completed across previously identified priority targets, First pass exploration adjacent to New Murchison's high-grade Crown Prince gold deposit, Integrated analysis to define follow-up exploration

► Strategic Growth

- Ongoing review of acquisition opportunities to complement existing projects
- Advanced due diligence underway on select high-impact opportunities



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