

DISCOVERY FOCUSED MINERAL EXPLORER



Christmas Creek

A Golden Opportunity

High-grade gold under shallow sand cover in Western Australia

RESOURCE RISING STARS - INVESTOR PRESENTATION

10th APRIL 2025

ASXTKM 

TKM.ASX – A Compelling Risk vs Return Proposition

Near-term value-creation opportunity with imminent drilling

Strategy

- Exploring high-potential projects located in frontier provinces
- Targeting Tier-1 discoveries, capable of delivering outsized shareholder returns

Opportunity

- Focused on the district-scale Christmas Creek Project, Kimberley WA
- Previously part of Newmont's global exploration portfolio
- Under-explored due to shallow cover, at a major orogenic intersection
- Recent high-grade discovery at Martin prospect – 10m at 12.66g/t, & 10m at 7.34g/t

Leverage

- Highly leveraged to discovery success – market cap ~\$27m
- Follow-up drilling scheduled to commence in May 2025

Value Creation

- An economic discovery would result in a significant increase in market capitalisation and wealth-creation event for shareholders





Access

Diversified portfolio primed for exploration success

Christmas Creek

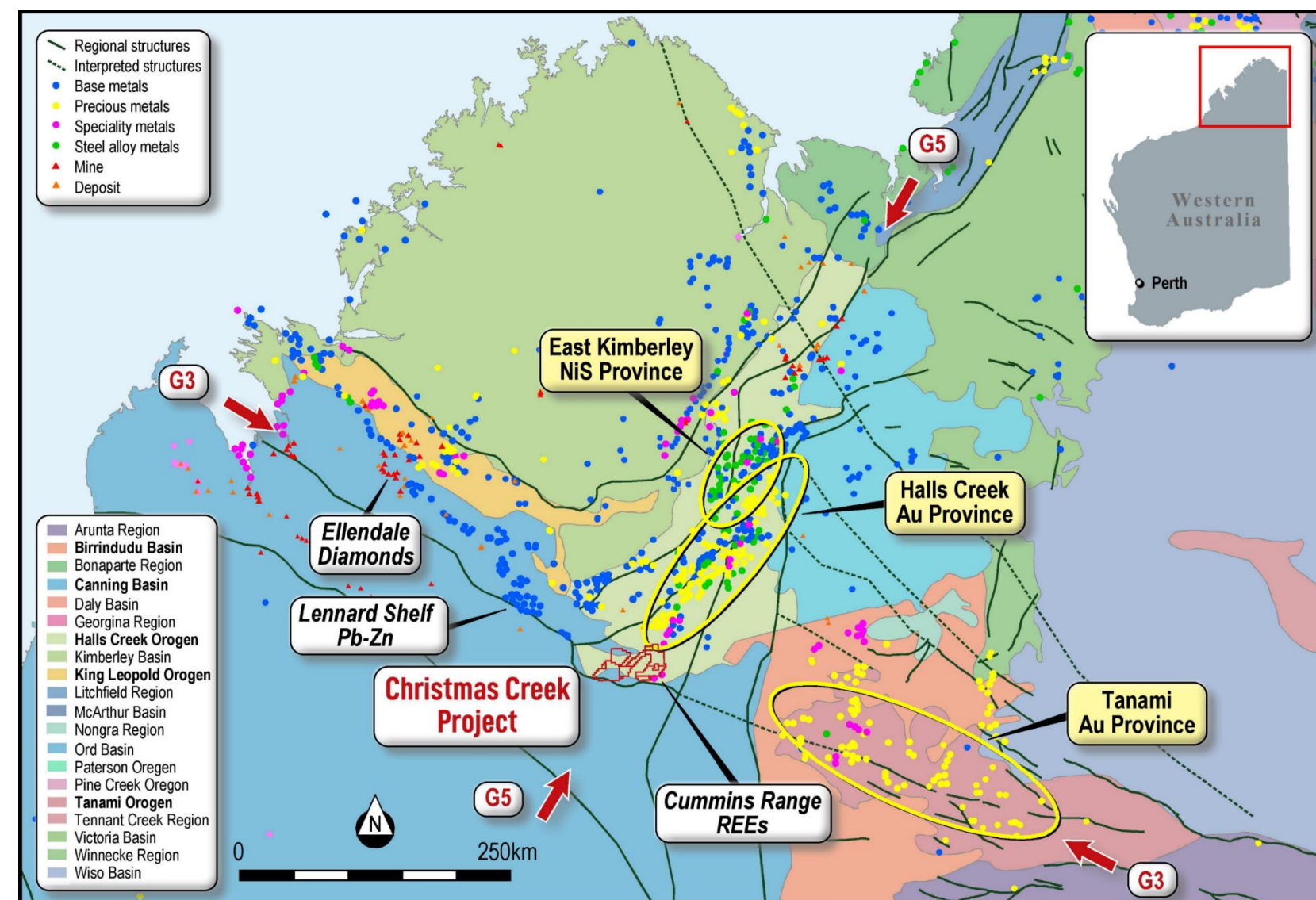
High-quality target, initial exploration confirming proof-of-concept

Why orogenic gold?

- Globally significant deposit type:
 - *large, long-life (eg, Kalgoorlie, Tanami)*
- Structurally controlled:
 - *associated with major crustal scale faults*
- Large fluid systems:
 - *potential for Tier 1 multi-million-ounce discoveries*
- Deep, high-grade systems:
 - *long mine life, underground potential*
- Strong economics:
 - *high-grade ore remains profitable across market cycles*

Why Christmas Creek?

- New search space, under shallow sand cover
- Major intersection of three orogens
- Major crustal structures control gold fluid flow
- Exploration to date has provided proof-of-concept:
 - *Large-scale soil anomalies (multi-km²)*
 - *High-grade gold in early drilling*
 - *Stacked/sheeted vein system*
 - *Visible gold*
 - *Open at depth and along strike*



“The next round of major discoveries are likely to come from **undercover**, where the gold-bearing host rocks are obscured, meaning they have not been subjected to the prospecting style of exploration you would expect of a belt of fertile Paleoproterozoic rocks in Western Australia. This is effectively a **new search space** we are exploring in.”

Derek Marshall, CEO

Christmas Creek

Multiple targets generated by surface geochemistry across large tenement package

Shallow Cover

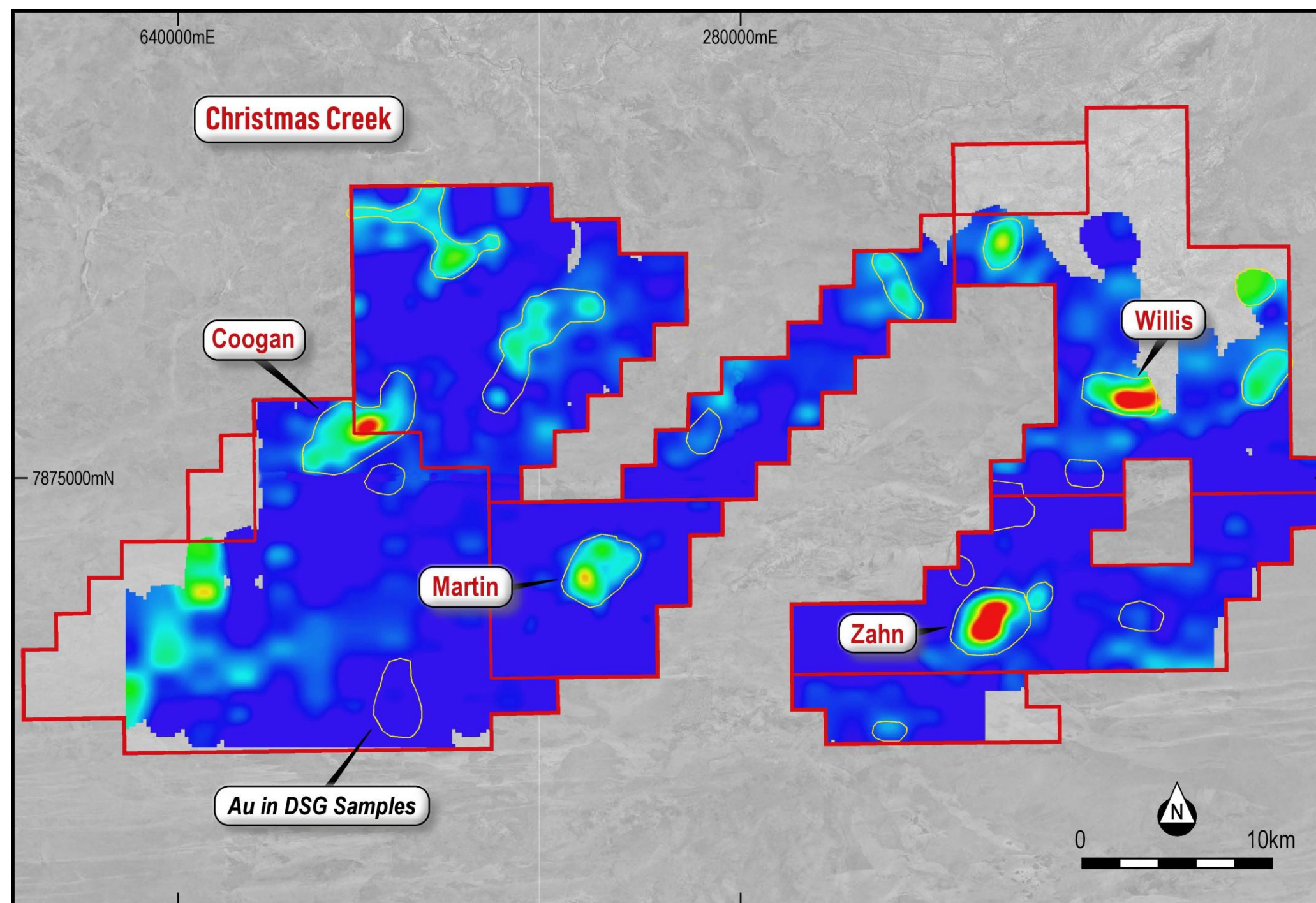
- Lack of outcrop = low historic exploration
- New search space
- Low-level geochemistry (DSG & UFF) allows detection through transported cover

Large Targets

- Large zones of anomalism (multi-km scale)
- Orogenic & intrusion related gold systems

Proven Mineralisation

- Early-stage wide spaced drilling identified high-grade hits at Martin and low-grade gold at Zahn & Coogan
- Sparsely drilled targets remain unconstrained



Christmas Creek

Proven gold-bearing structures identified at three prospects by wide-spaced drilling

Martin

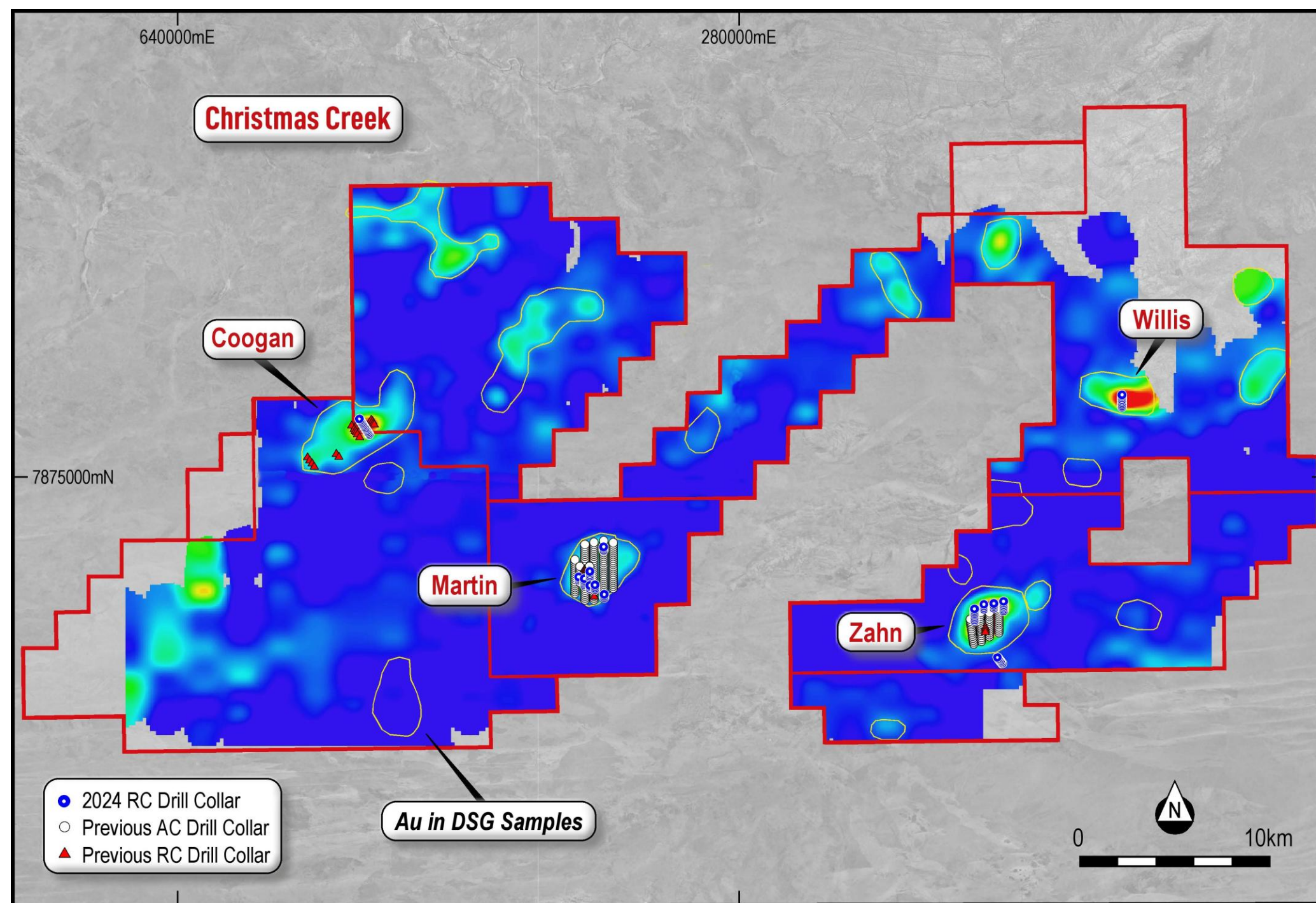
- High-grade intercepts:
 - 10m @ 12.66g/t Au from 59m; and
 - 10m @ 7.34g/t Au from 94m
- Visible gold
- Open along strike and at depth

Zahn

- Broad low-grade gold intercepts:
 - 28m @ 0.18g/t Au from 20m, inc.
 - 7m @ 0.35g/t Au from 26m, with.
 - 1m @ 0.65g/t Au from 29m
- Key geological targets identified

Coogan

- Broad low-grade gold intercepts
- Multi-km scale soil anomalism, including core with large halo = Large system



Martin Prospect

Recent significant intercepts at Martin warrant follow-up along strike / plunge & down-dip

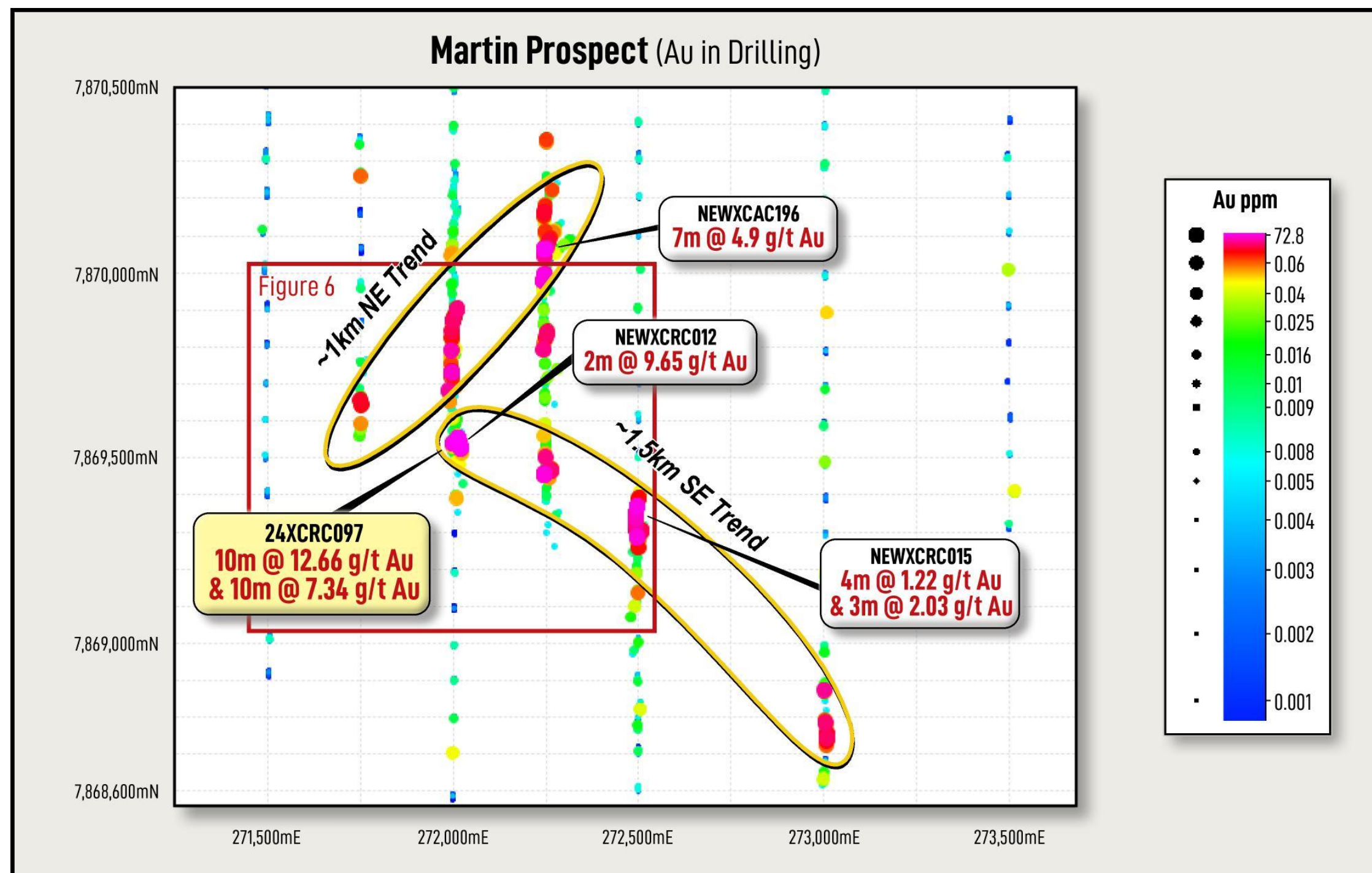
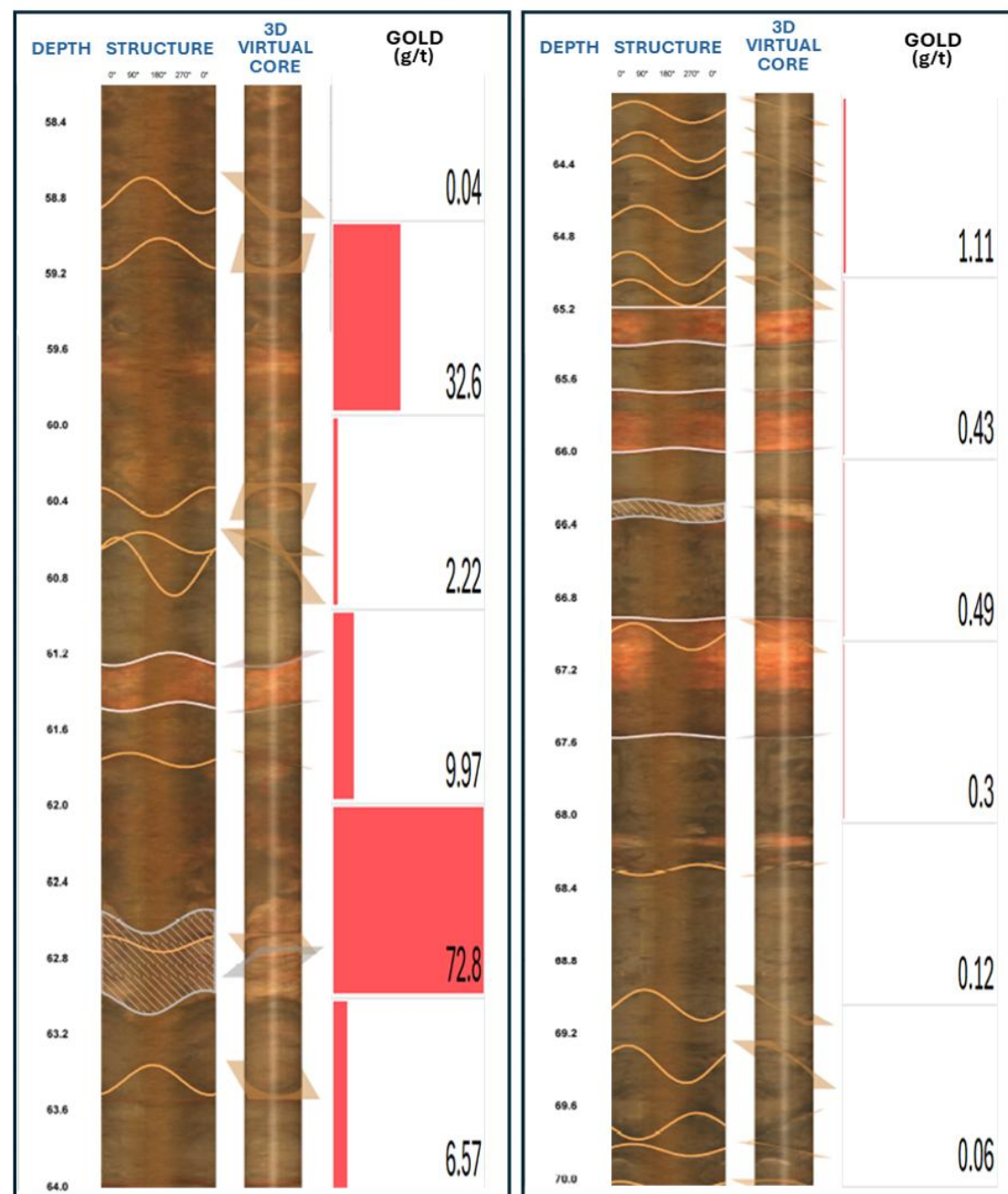


Figure 5. Martin Prospect plan with gold in drilling highlighting the previously reported two emerging gold trends. Black box showing the extent of Figure 6 below (zoomed in around significant intercepts in 24XCRC097 & NEWXCRC012).

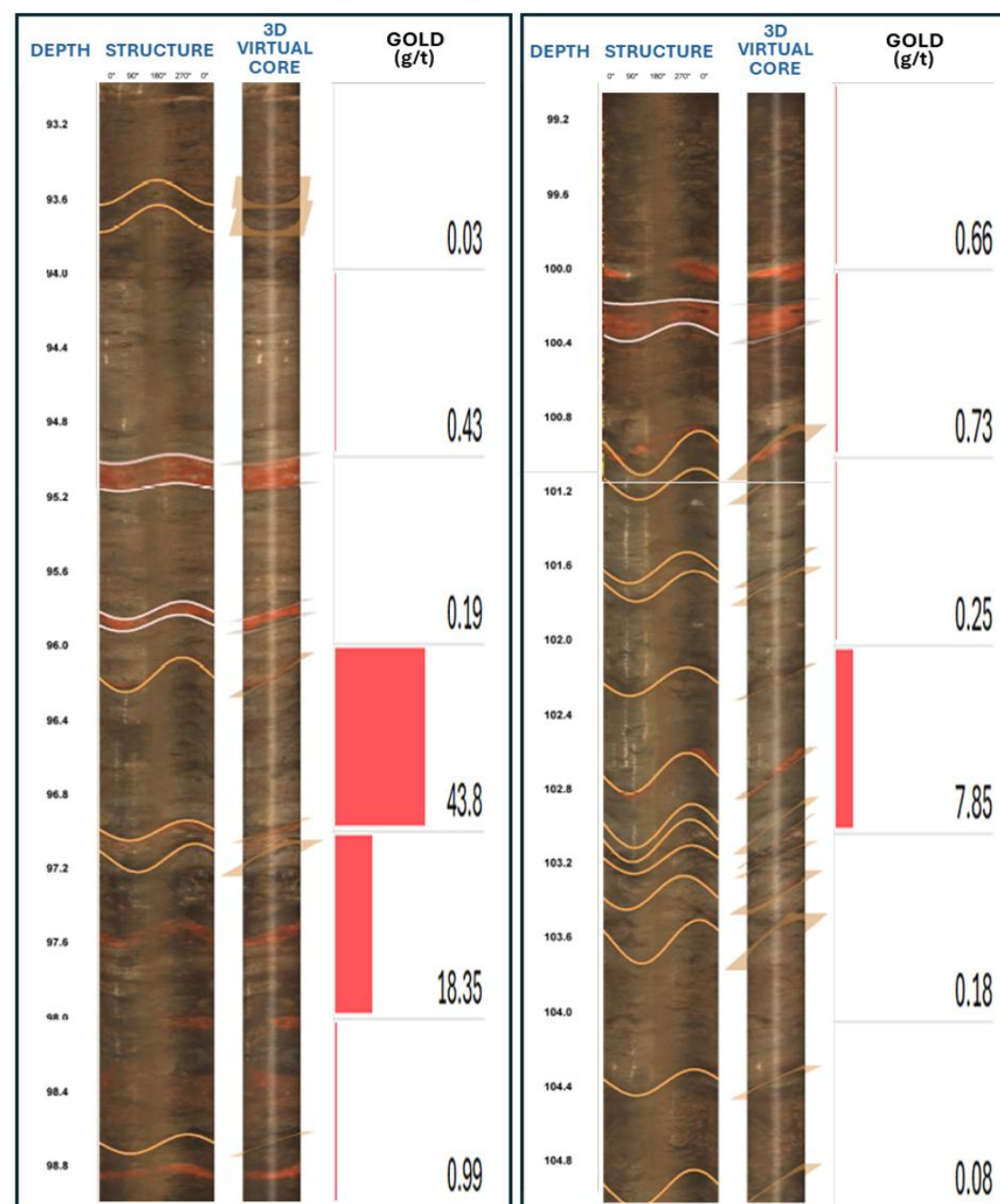
Martin Prospect

Downhole televiewer indicates a series of stacked / sheeted veins at close to true width

10m @ 12.66g/t Au from 59-69m



10m @ 7.34g/t Au from 94-104m



Martin Prospect

Recent significant intercepts at Martin warrant follow-up along strike / plunge & down-dip

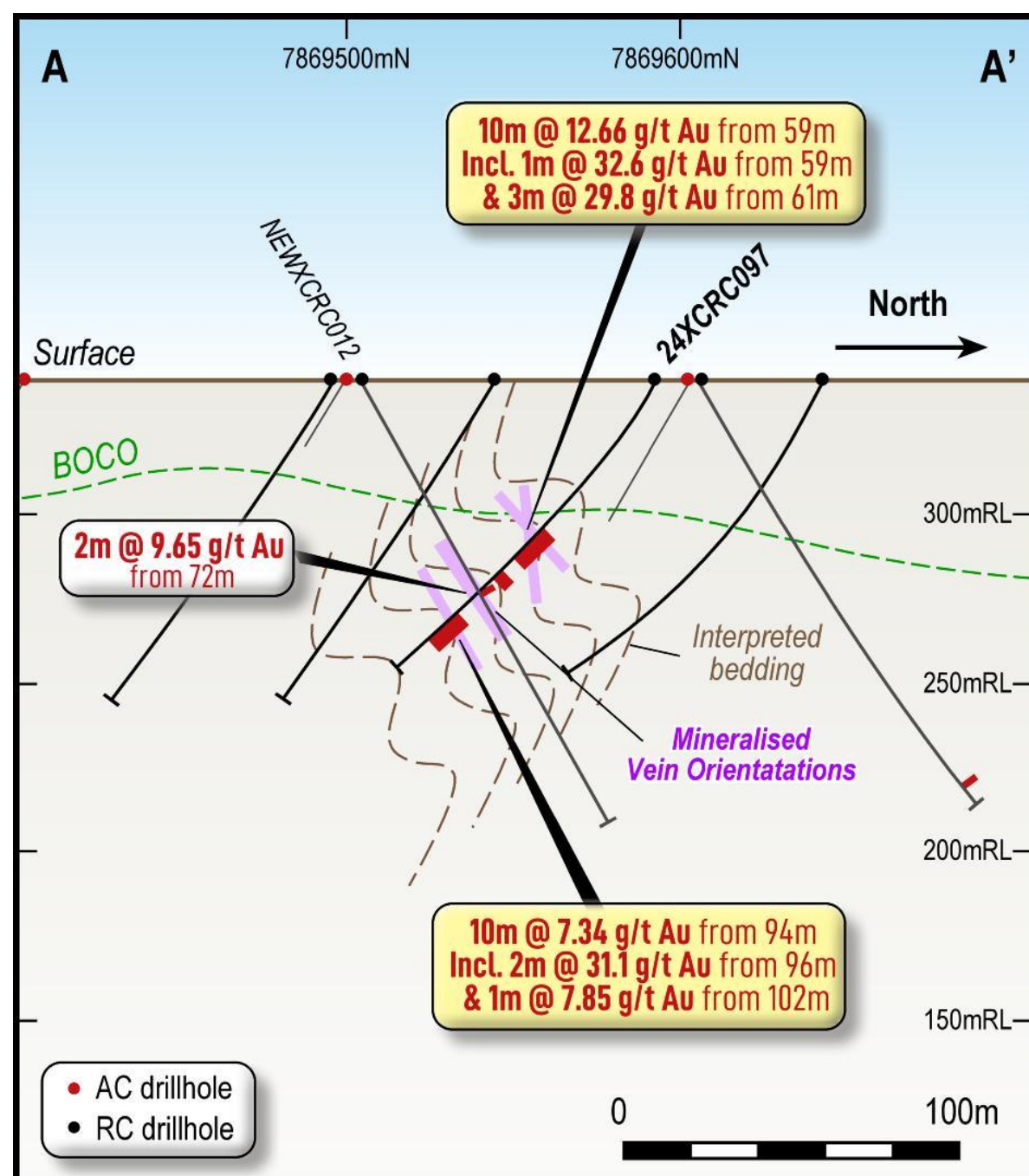


Figure 4. Cross-section at Martin, highlighting the two significant recent gold intercepts in yellow and the mineralised vein orientations in NEWXCRC012 & 24XCRC097 showing the interpreted stacked vein system. Refer to Figure 6 for cross-section reference line in plan view

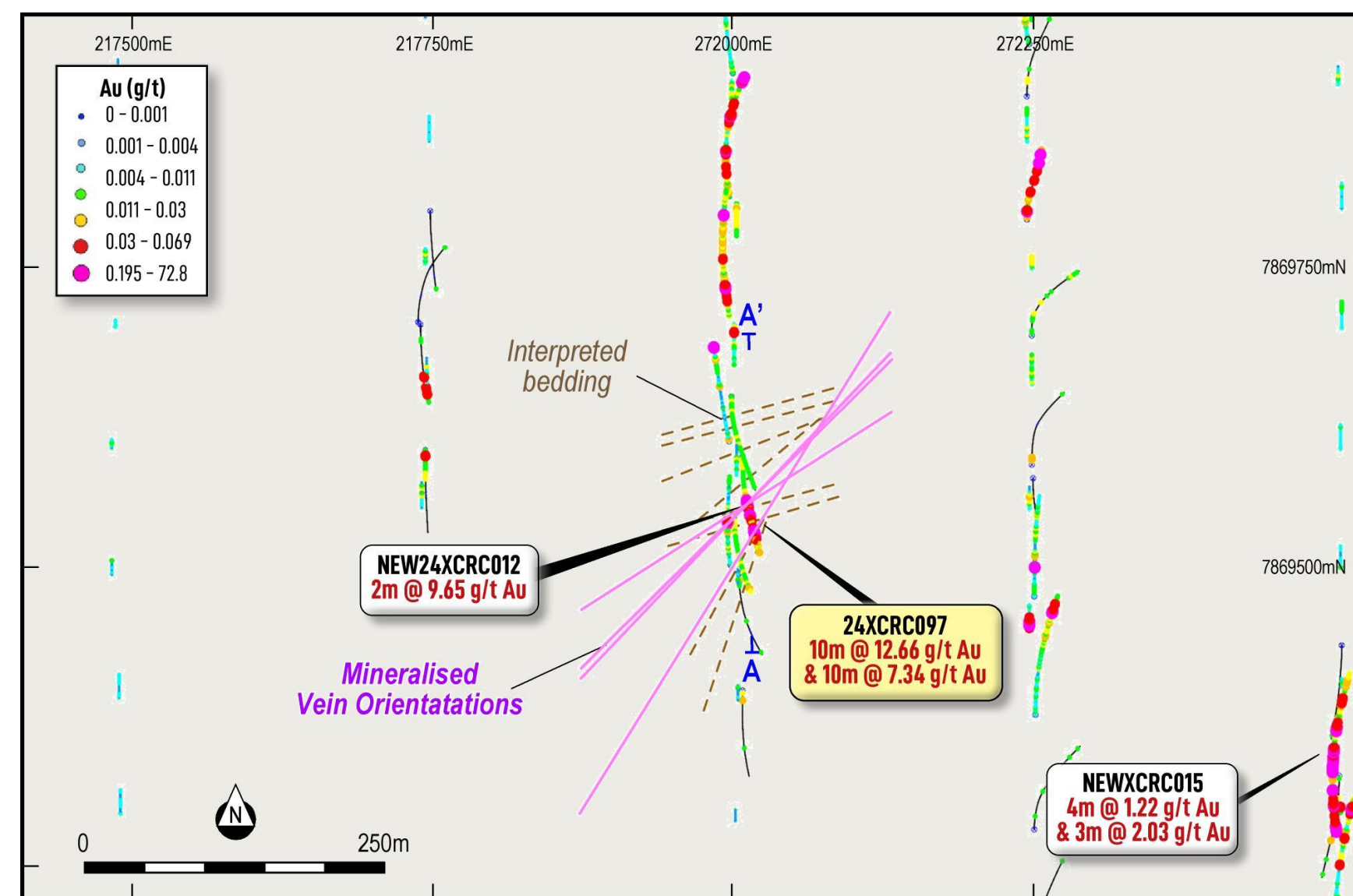


Figure 6. Zoomed in plan view at Martin, highlighting the mineralised vein orientations and interpreted bedding from the holes around the significant intercepts in 24XCRC097 & NEWXCRC012. Coloured gold grades from drilling. Section markers A & A' relating to Figure 4.

Zahn Prospect

Wide spaced exploration drilling proved gold-bearing structures along key geological boundaries

Key Targets

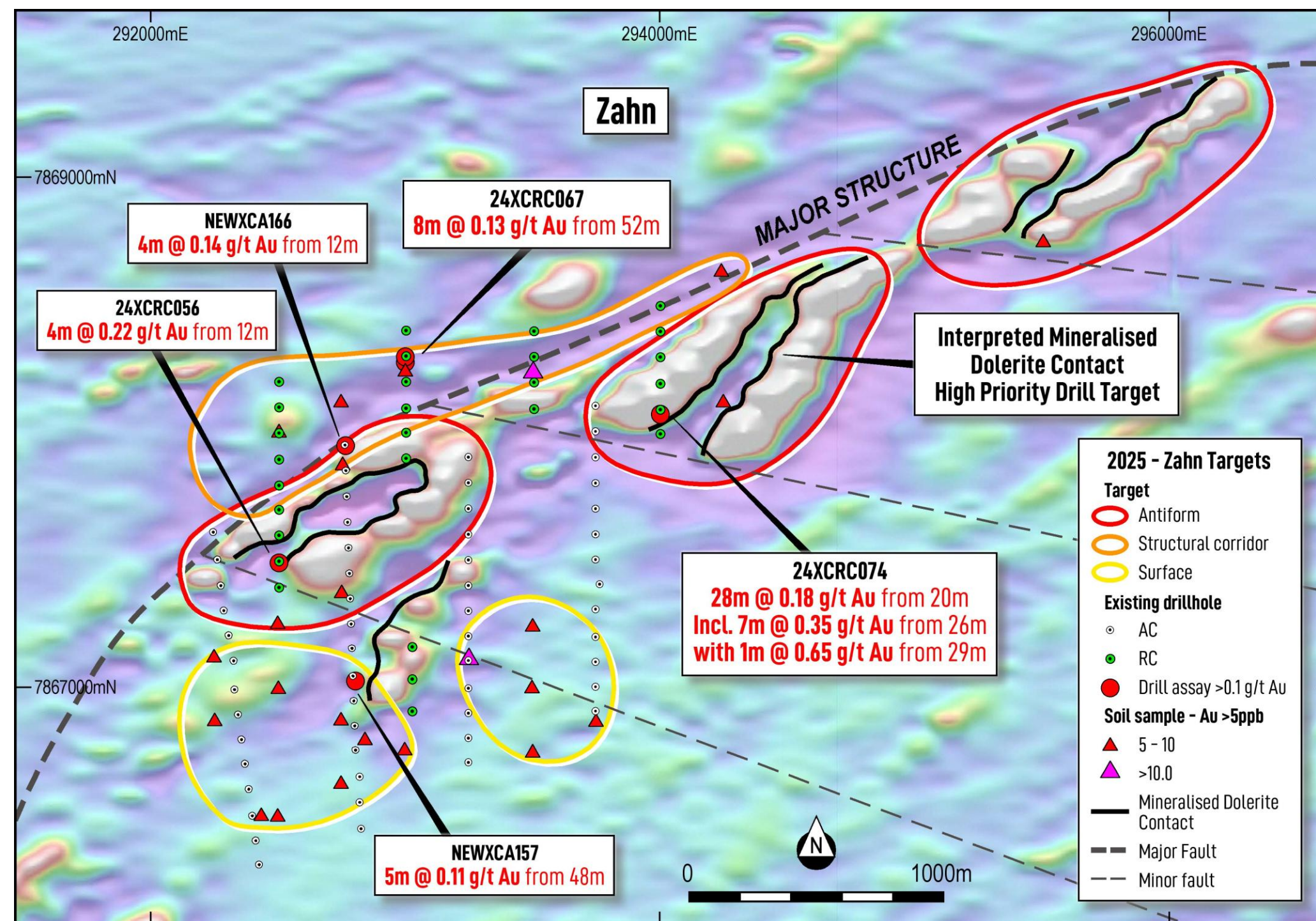
- Dolerite contacts
- Antiformal structures
- Adjacent to a major structure

Broad Intercepts

- 5 holes with >0.1g/t Au
- Most significant within anti-form setting:
 - **28m @ 0.18g/t Au from 20m inc**
 - 7m @ 0.35g/t Au from 26m with
 - 1m @ 0.65g/t Au from 29m

Unconstrained

- TKM RC drill lines 500m apart
- Key geological targets untested over significant strike extent



Coogan Prospect

Large-scale target with broad low-level gold intercepts & significant surface geochemistry

Large Footprint

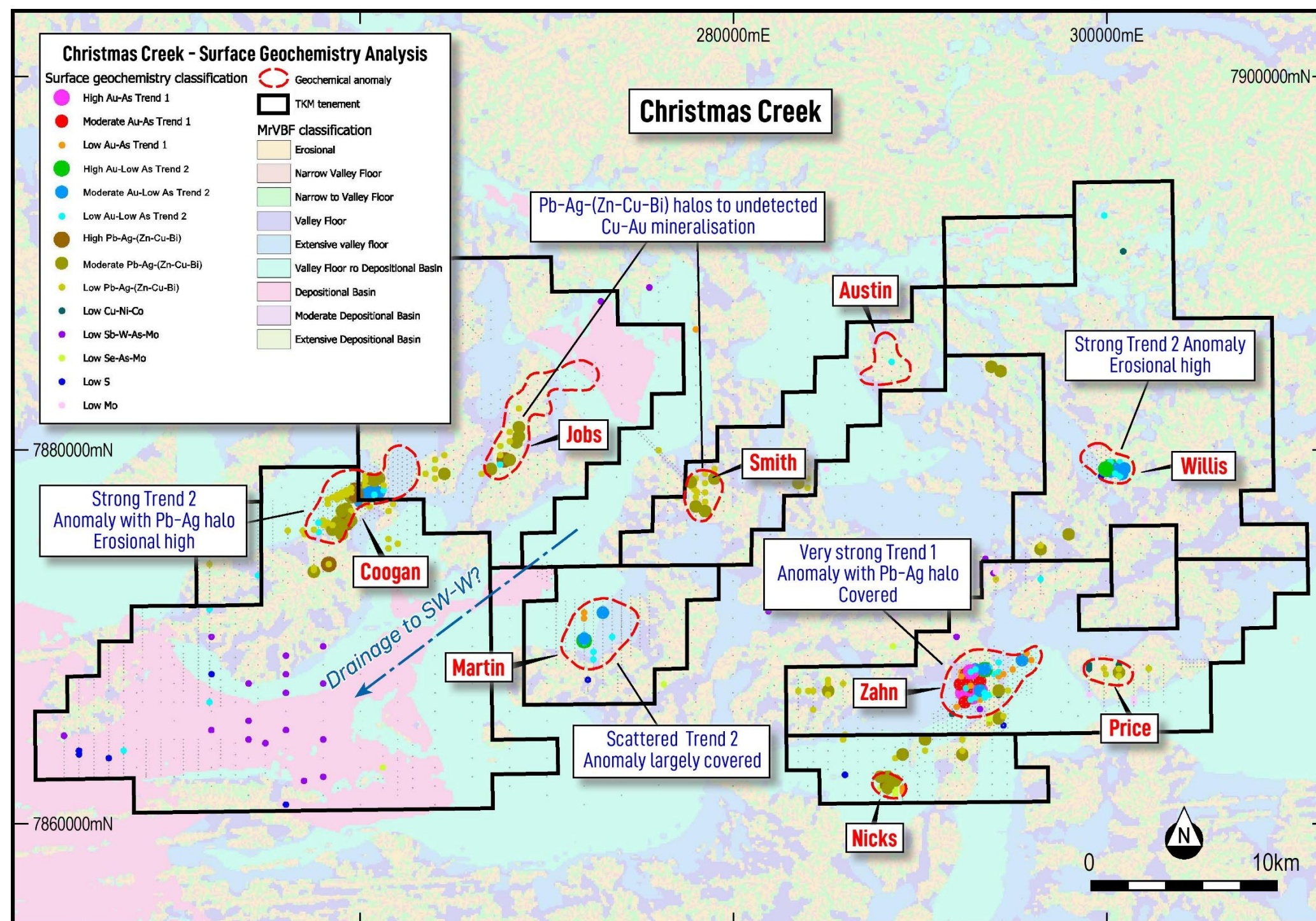
- Surface geochemistry outlines multi-km² target / mineral system with a;
 - A core of Au-(Cu-Bi-Pb-Te) &
 - A halo of Pb-Ag-(Zn-Cu-Bi)

Broad Intercepts

- Broad low-level gold in drilling:
 - 34m @ 0.18g/t Au &
 - 38m @ 0.16g/t Au

Unconstrained

- With anomalism over multi-km², the Coogan target represents a large-scale mineral system with significant scope to discover



McEwen Hills

Future-focused strategic holding

Access

- West Arunta Critical Minerals Province
- Tenement application ELA 33191
- Northern Territory incentivising exploration activities in the area

Scale

- WA1 Luni Nb Discovery world class in terms of size and grade with 200 Mt at 1.0% Nb₂O₅
- ENR recently discovered high grade Nb
- Large tenement application

Opportunity

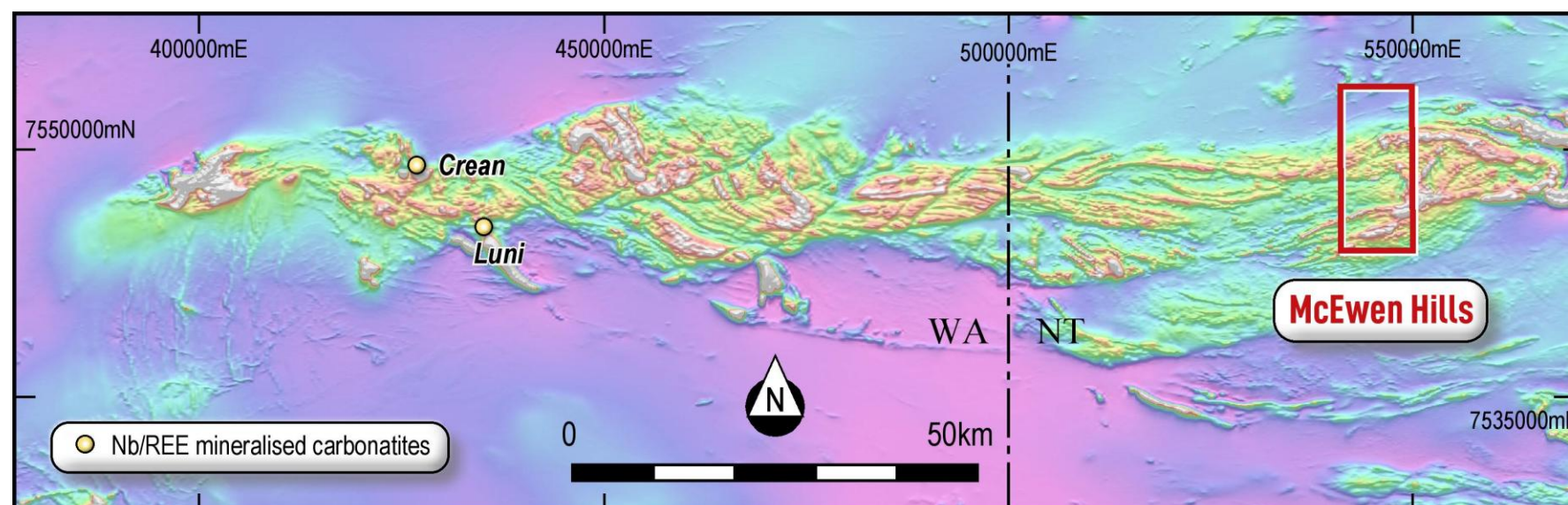
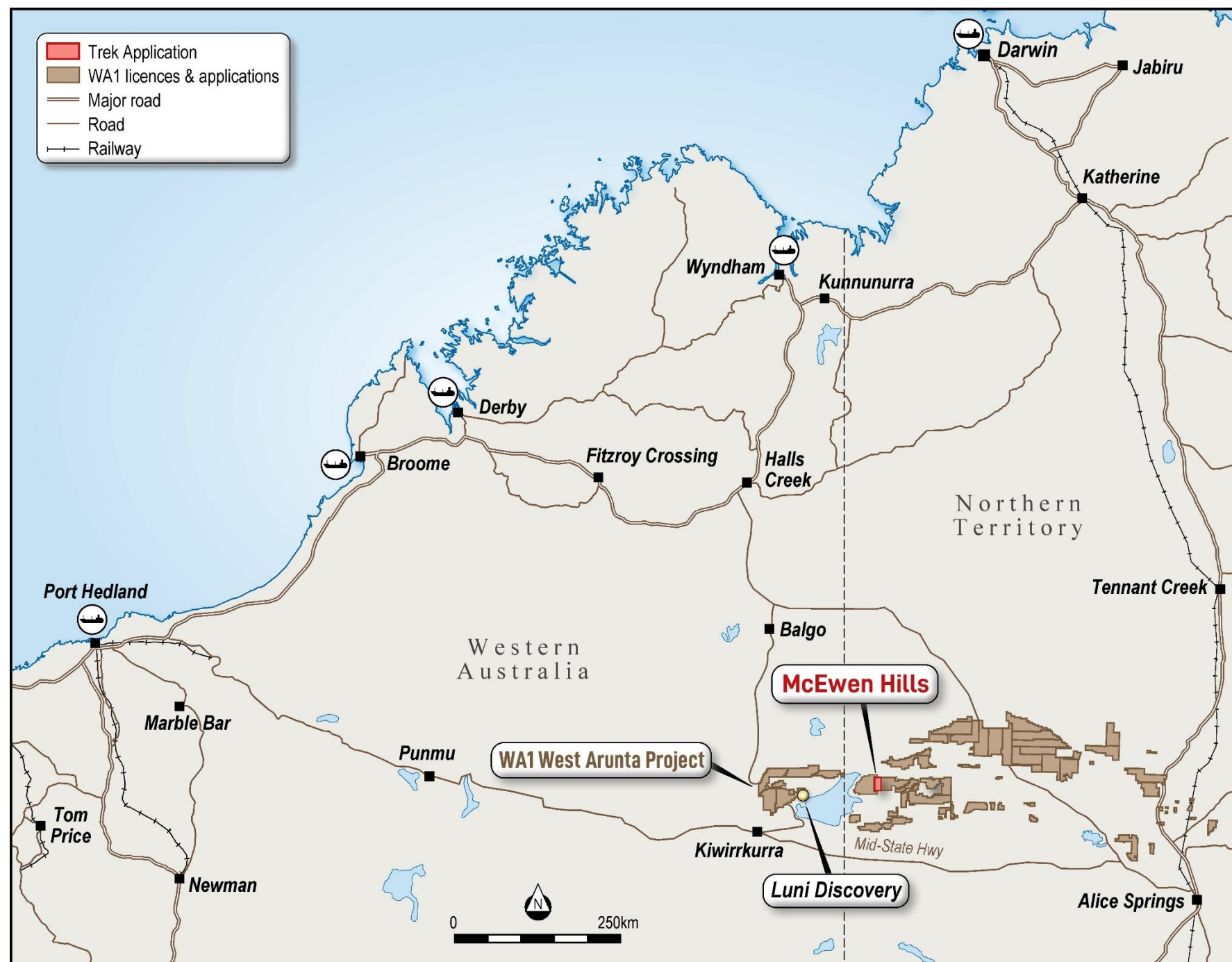
- Acute lack of historic exploration due to remote location (no historic drillholes)
- New province with multiple carbonatites discovered
- Prospectivity for other deposits (e.g., Cu-Au)

Sources:

ASX:TKM Announcement – Trek acquires prospective Niobium Exploration Project 04/10/2023

ASX:WA1 – West Arunta Project Mineral Resource Estimate 01/07/2024

ASX:ENR – High-grade Niobium Intercepts at Crean Carbonatite 24/06/2024





Ability

The right people, in the right roles, doing the right thing



CORPORATE SUMMARY

Experienced Board and Management with strong track of success



Tony Leibowitz *Non-Executive Chairman*

+30-years corporate finance, investment banking & broad commercial experience.

Early investor and former Chairman of Chandler Macleod and Pilbara Minerals, where he was responsible for substantial increases in shareholder value and returns.

Formerly a global partner at PWC.

Current Non-Executive Chairman of Astute Metals (ASX:ASE).



Derek Marshall *Chief Executive Officer*

Experienced exploration geologist with +20 years' experience in exploration and mining.

Has worked with both major miners and ASX-listed explorers, ranging from greenfield exploration to feasibility studies.

Former Superintendent Exploration with Newcrest (ASX:NCM) at the Havieron Gold-Copper Project, delivering an initial Resource of 3.4Moz Au & 160Kt Cu.



Neil Biddle *Non-Executive Director*

Geologist with +30 years' experience in exploration and mining.

Founding Director of Pilbara Minerals.

Previous Board positions include TNG Ltd, Border Gold, Consolidated Victorian Mines and Bardoc Gold

Current Executive Chairman of Greenvale Energy (ASX:GRV).



Russell Hardwick *Chief Financial Officer & Company Secretary*

Certified Practicing Accountant with 20 years' experience in private and public companies.

Chartered Secretary and Member of the AICD. Extensive experience in corporate secretarial, capital raising and commercial management.



John Young *Non-Executive Director*

Highly experienced geologist, with exploration and production roles.

Senior roles with Pilbara Minerals, including Exploration Manager and Technical Director. Former Managing Director of Bardoc Gold and CEO of Marenica Energy and Thor Mining.

Current Non-Executive Chairman at Green Technology Metals (ASX:GT1)

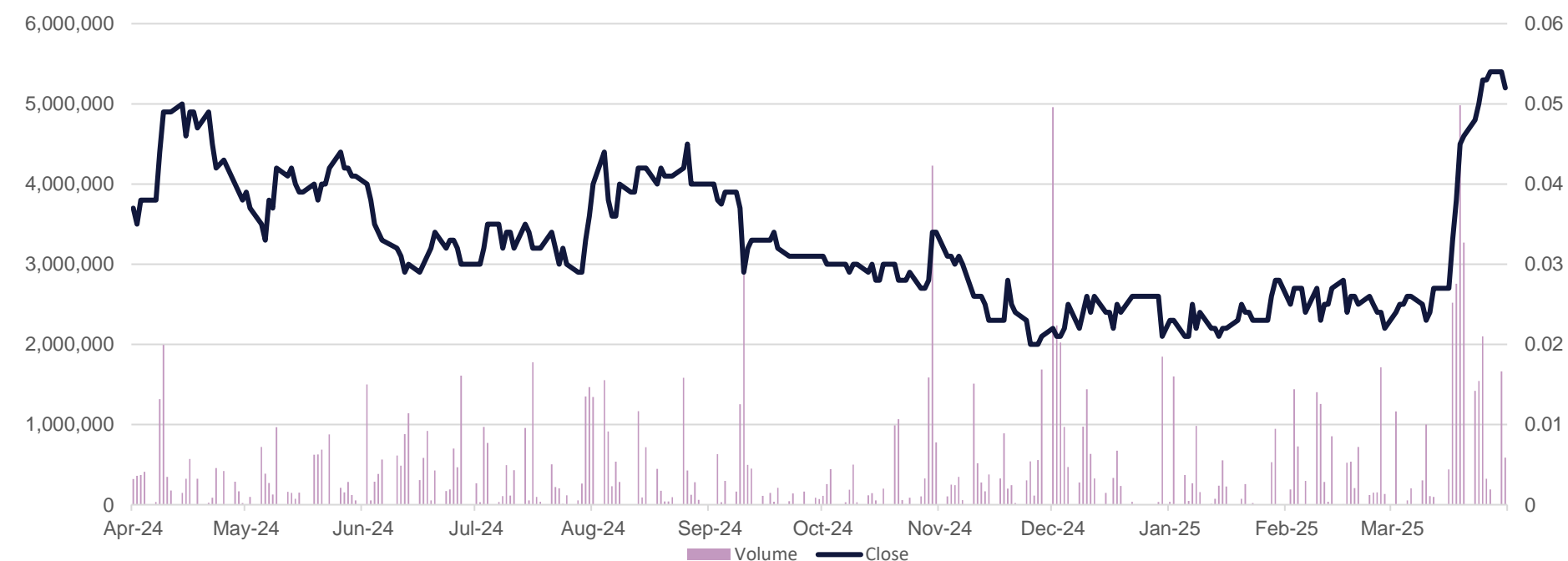
CORPORATE SUMMARY

Strong Balance Sheet, Leveraged to Success

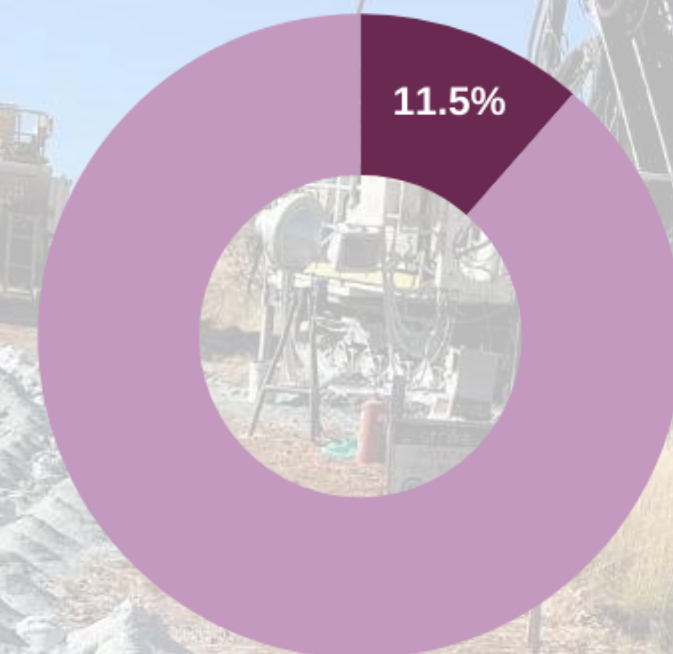
Capital Structure

ASX Code	TKM.ASX
Share Price (1 st April 2025)	\$0.052
Shares on issue	521.7m
Market Cap.	\$27.1m
Cash and cash equivalents (31 st December 2024)	\$2.1m
Enterprise Value	\$25.0m

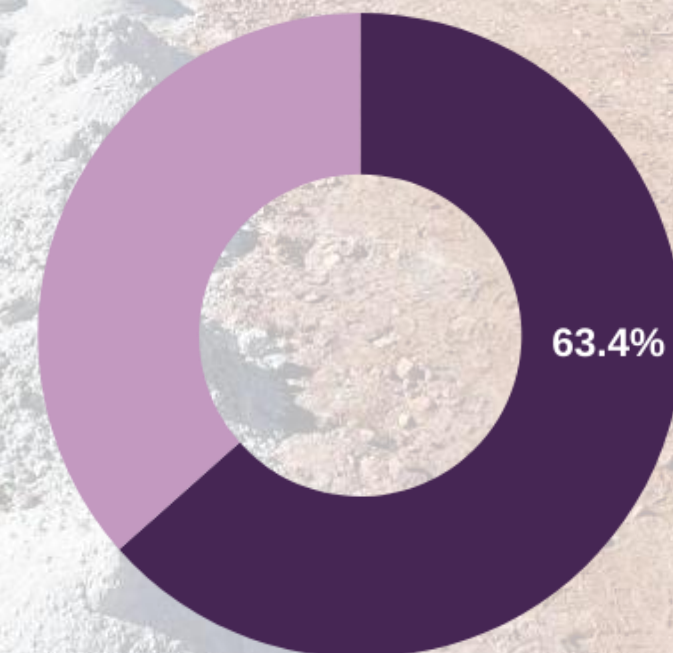
Share Price and Volume



Board & Management



Top 100 Holders





Action

Nimble, action-orientated, discovery focused



ACTION



2025

Christmas Creek (Au)

- ☐ Pre-drill geophysics: Magnetism and gravity
- ☐ Drill: Follow-up high-grade Au intersections at Martin
- ☐ Drill: Chase key geological targets at Zahn
- ☐ Drill: Explore within the large Coogan mineral system

McEwen Hills (Nb & Cu-Au)

- ☐ Key stakeholder engagement & access agreement
- ☐ Target generation via geophysical surveys
- ☐ Heritage surveying

+ strategic partnerships on non-core projects





Thank you

For more information, please reach out

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This presentation may contain forward looking statements that are subject to risk factors associated with mineral exploration, mining and production businesses. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including but not limited to price fluctuations, actual demand, currency fluctuations, drilling and production results, reserve estimations, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory changes, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates. This presentation also contains reference to certain intentions, expectations, future plans, strategy and prospects of the Company. Those intentions, expectations, future plans, strategy and prospects may or may not be achieved. They are based on certain assumptions, which may not be met or on which views may differ and may be affected by known and unknown risks. In particular, there is a risk that the Company will not be able to expand or upgrade its existing JORC resource. The performance and operations of the Company may be influenced by a number of factors, many of which are outside the control of the Company. No representation or warranty, express or implied, is made by the Company, or any of its directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved. Given the risks and uncertainties that may cause the Company’s actual future results, performance or achievements to be materially different from those expected, planned or intended, recipients should not place undue reliance on these intentions, expectations, future plans, strategy and prospects. The Company does not warrant or represent that the actual results, performance or achievements will be as expected, planned or intended. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. The forward-looking statements are made as at the date of this announcement and the Company disclaims any intent or obligation to update publicly such forward looking statements, whether as the result of new information, future events or results or otherwise.

Competent Person’s Statement - Exploration Results

The information in this announcement relating to Exploration Results is based on information compiled by the Company’s Chief Executive Officer, Mr Derek Marshall, a competent person, who is a Member of the Australian Institute of Geoscientists. Mr Marshall has sufficient experience relevant to the style of mineralisation and to the type of activity described 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 Marshall holds or controls share and Performance Rights in the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. Mr Marshall consents to the inclusion in this announcement of the matters based on his information in the form and content in which it appears.

Competent Person Statement – Mineral Resources

The information in relation to Mineral resources is extracted from the report entitled “Trek accelerates battery metals strategy with acquisition of advanced WA manganese project via scheme of arrangement with Edge Minerals Limited” dated 6 June 2022 and is available to view on www.asx.com.au (Search ASX:TKM). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the 6 June 2022 market announcement 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 announcement.

For Additional Information refer TKM ASX Announcements

<https://trekmetals.com.au/announcements>

Approved for Release by the Board