

DISCOVERY FOCUSED MINERAL EXPLORER


Breaking ground in the Kimberley

*Uncovering Golden Potential at Christmas Creek &
a new critical minerals province at McEwen Hills*



AGM - INVESTOR PRESENTATION

4 JULY 2024

ASXTKM 

What drives discovery?

The right mix of the right people and the right projects.

ACCESS



Access to a strong pipeline of projects and capital

Trek has a proven track record of gaining access to highly prospective projects, targeting the right commodities, with scale and in the right jurisdictions.

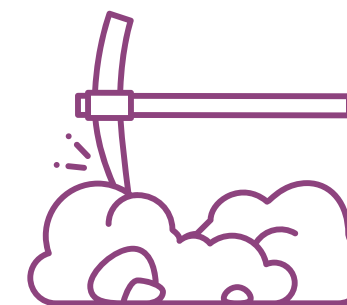
ABILITY



Board, Management and Staff with the right skills and proven capabilities

Trek's Board is well known for its ability to source funding and opportunities. Trek's Management and staff are highly skilled with the relevant experience to deliver. Cash in the bank to drive action.

ACTION



Action-orientated

Trek is obsessed with action. We know that getting out on the ground and drill testing intelligently sourced targets is the key to driving discovery and delivering shareholder returns.



Access

Diversified portfolio primed for exploration success



ACCESS ABILITY ACTION

Diversified and scalable project portfolio with the right commodities in the right jurisdictions

Christmas Creek

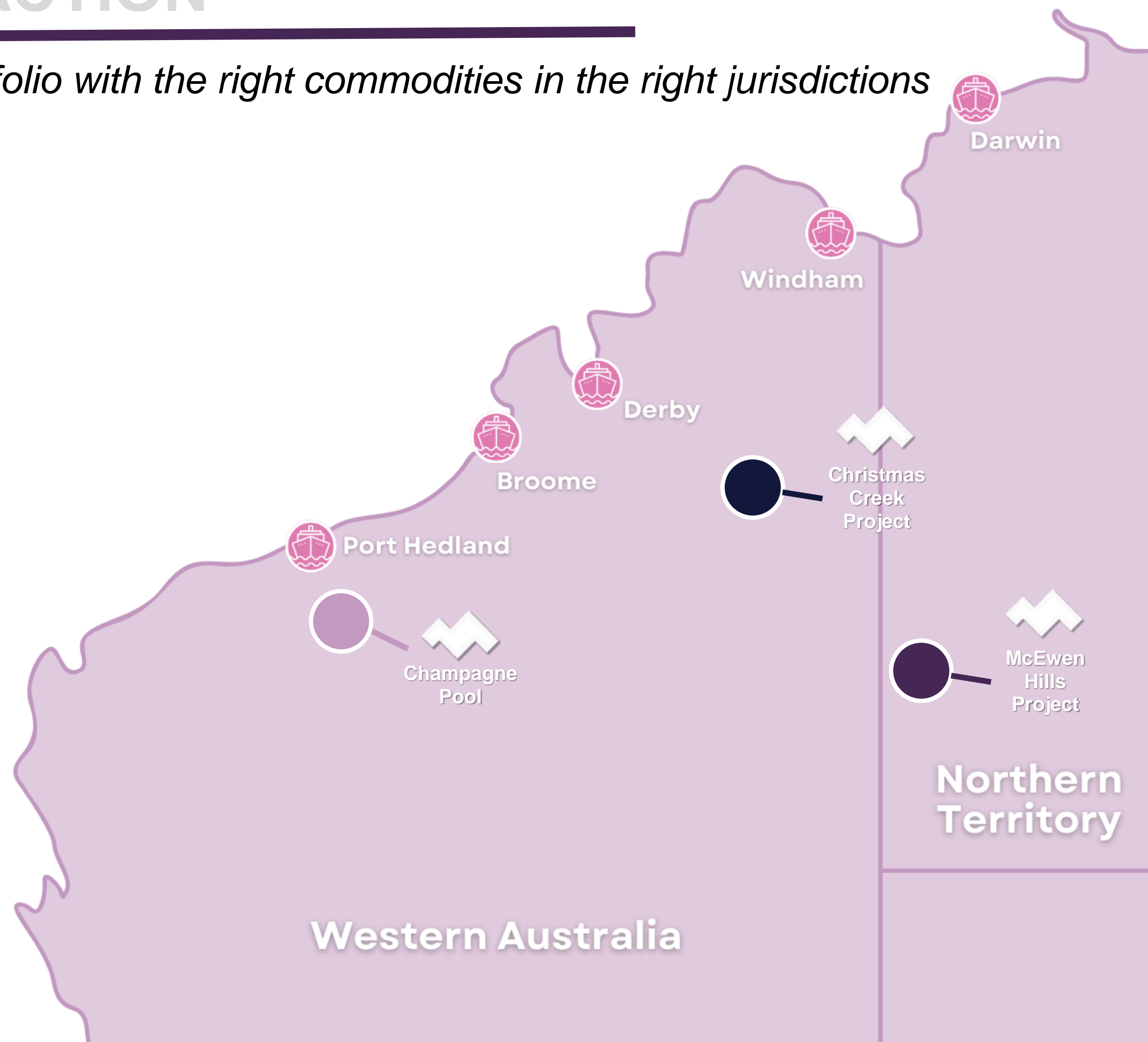
Gold (Au) & Rare Earths

Champagne Pool

Gold (Au)

McEwen Hills

Niobium (Nb)



Christmas Creek

A rare opportunity to leverage off the world's largest gold mining company

Access

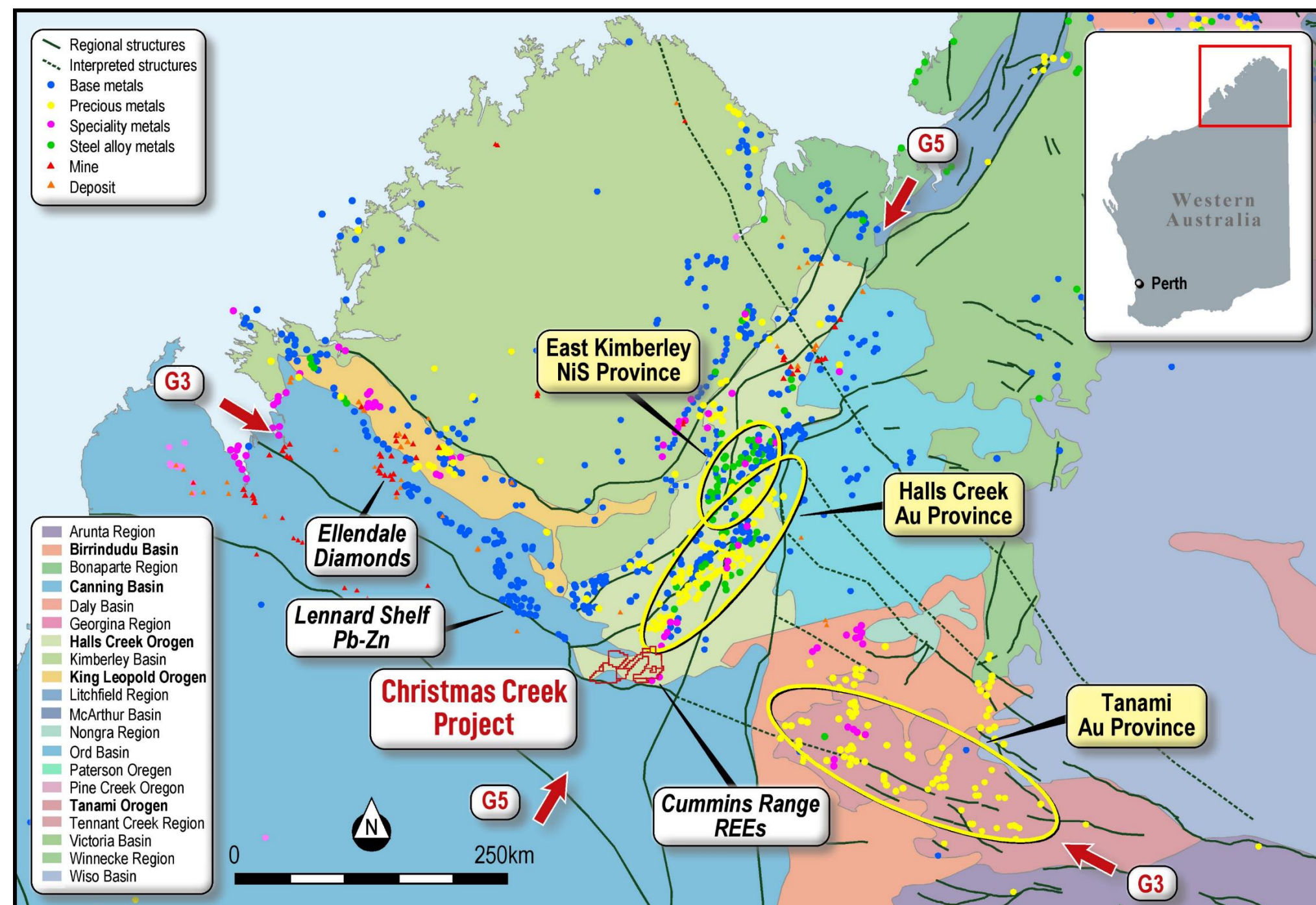
- Western Australia, a pro-mining jurisdiction
- Wholly located on pastoral leases adjacent to the Tanami Rd & Great Northern Highway
- Heritage Agreements in place

Scale

- Interpreted extension of the structures from the Granites-Tanami Orogen (NT)
- World class Tanami Au Mine along strike
- Extensive 1,183 km² tenement package

Opportunity

- Lack of historic exploration due to shallow cover
- \$6 million worth of recent exploration
- Potential for other commodities; e.g., REE, Ni-Cu-PGE, LCT



Christmas Creek

Newmont generated multiple targets & proved gold-bearing structures

Shallow Cover

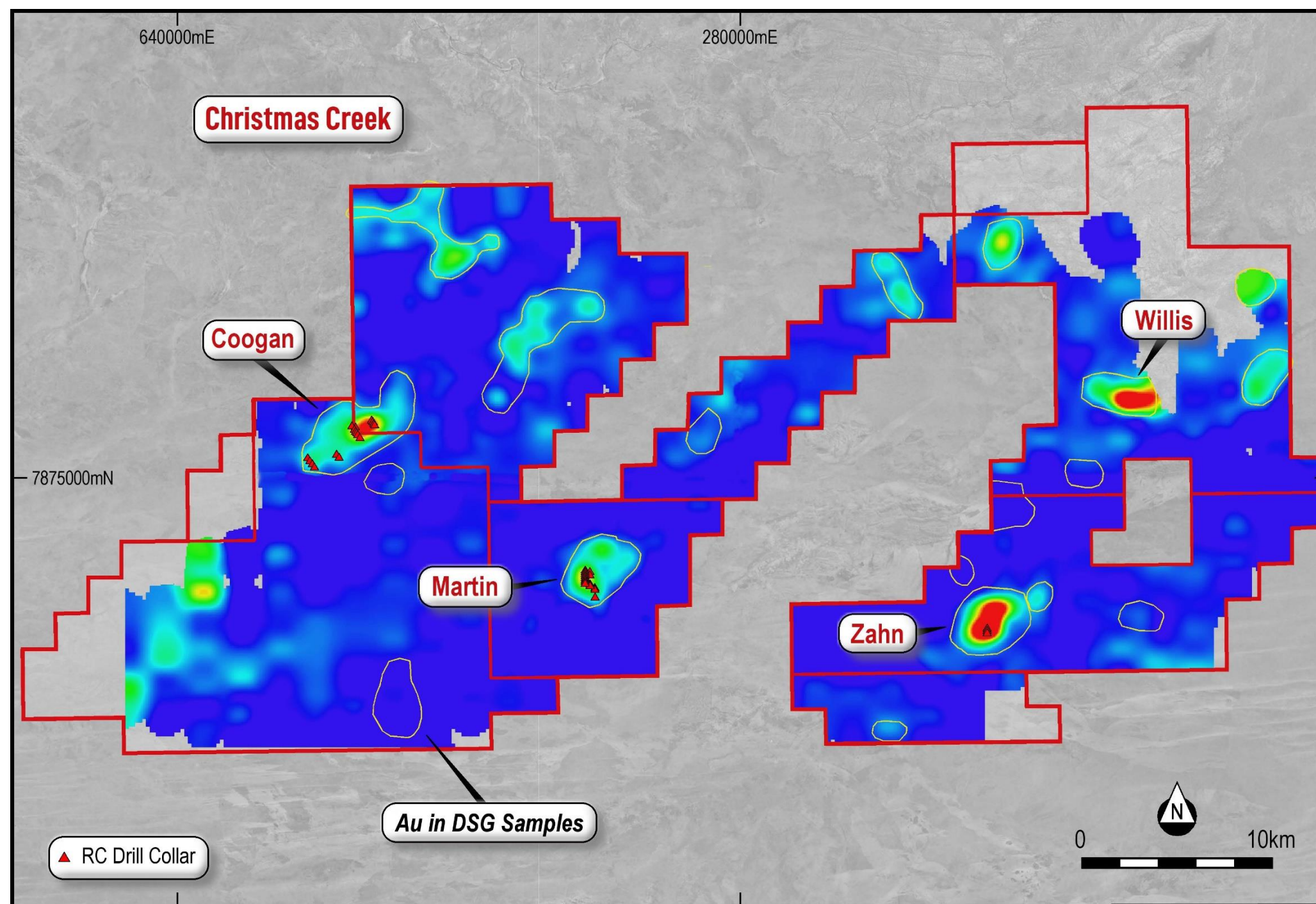
- Lack of outcrop = low historic exploration
- Low-level geochemistry allows detection through transported cover
- Flat = ease of access

Multiple Targets

- Orogenic & intrusion related gold systems
- High grade bedrock gold in drilling
- Most obscured by transported cover

Unconstrained

- Willis yet to be drill tested
- Mineralisation at other sparsely drilled targets remain unexplained or unconstrained
- Early-stage wide spaced soils require infill prior to elevation to drill target status



Christmas Creek

Multiple gold-bearing structures proven in drilling

High-Grade Intercepts

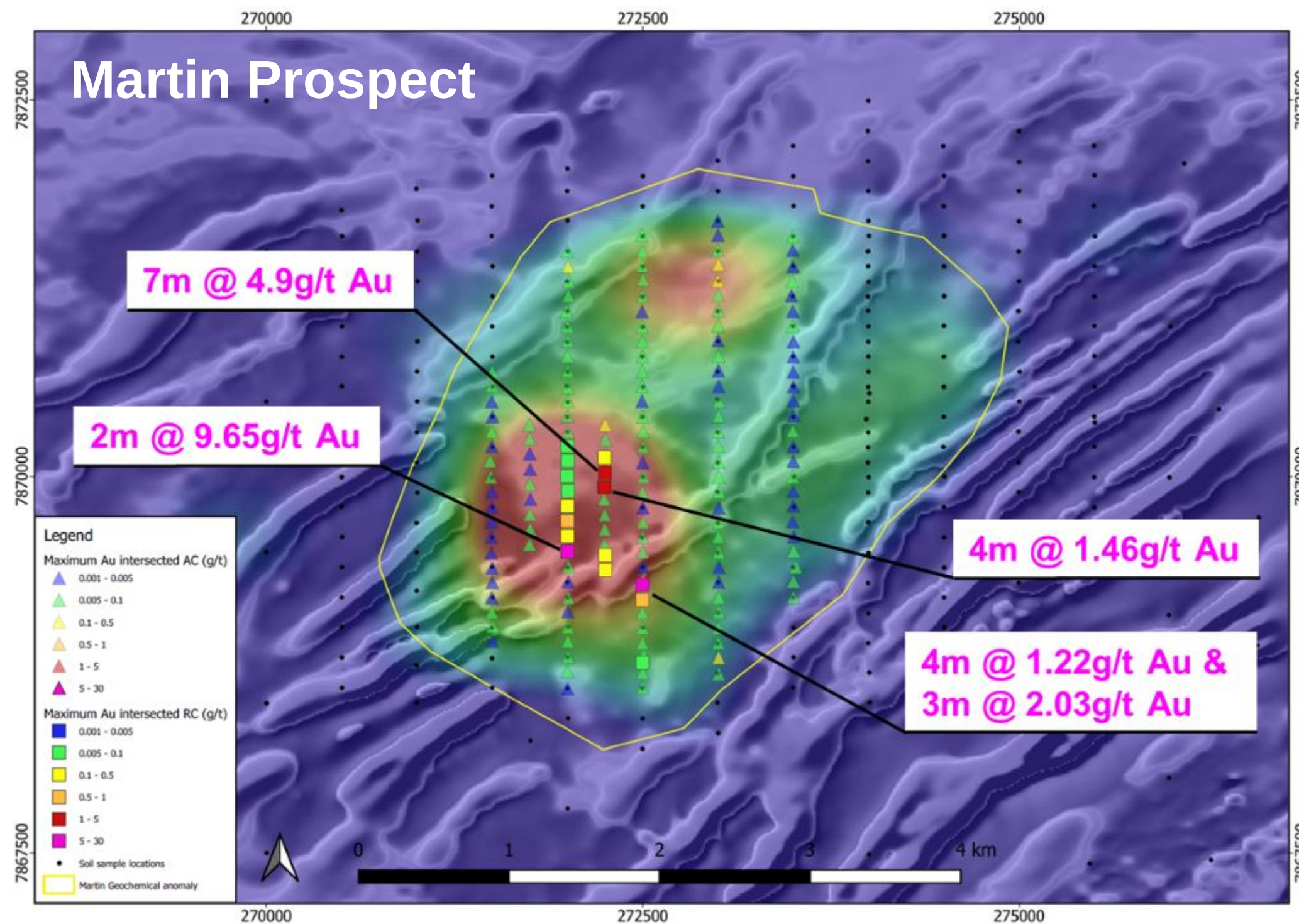
- **7m @ 4.9g/t Au**
- **2m @ 9.65g/t Au**
- 4m @ 1.46g/t Au
- 4m @ 1.22g/t Au &
- 3m @ 2.03g/t Au

Large Footprint

- 3km x 4km
- First pass air core @ 250-500m lines
- Anomalous AC remains untested

Minimal RC Drilling

- Only 3 drill lines
(partially testing 500m of strike)
- Only one complete line @ 100m along line
- Best intercepts remain open



Christmas Creek

Multi-commodity opportunity

Rare Earths

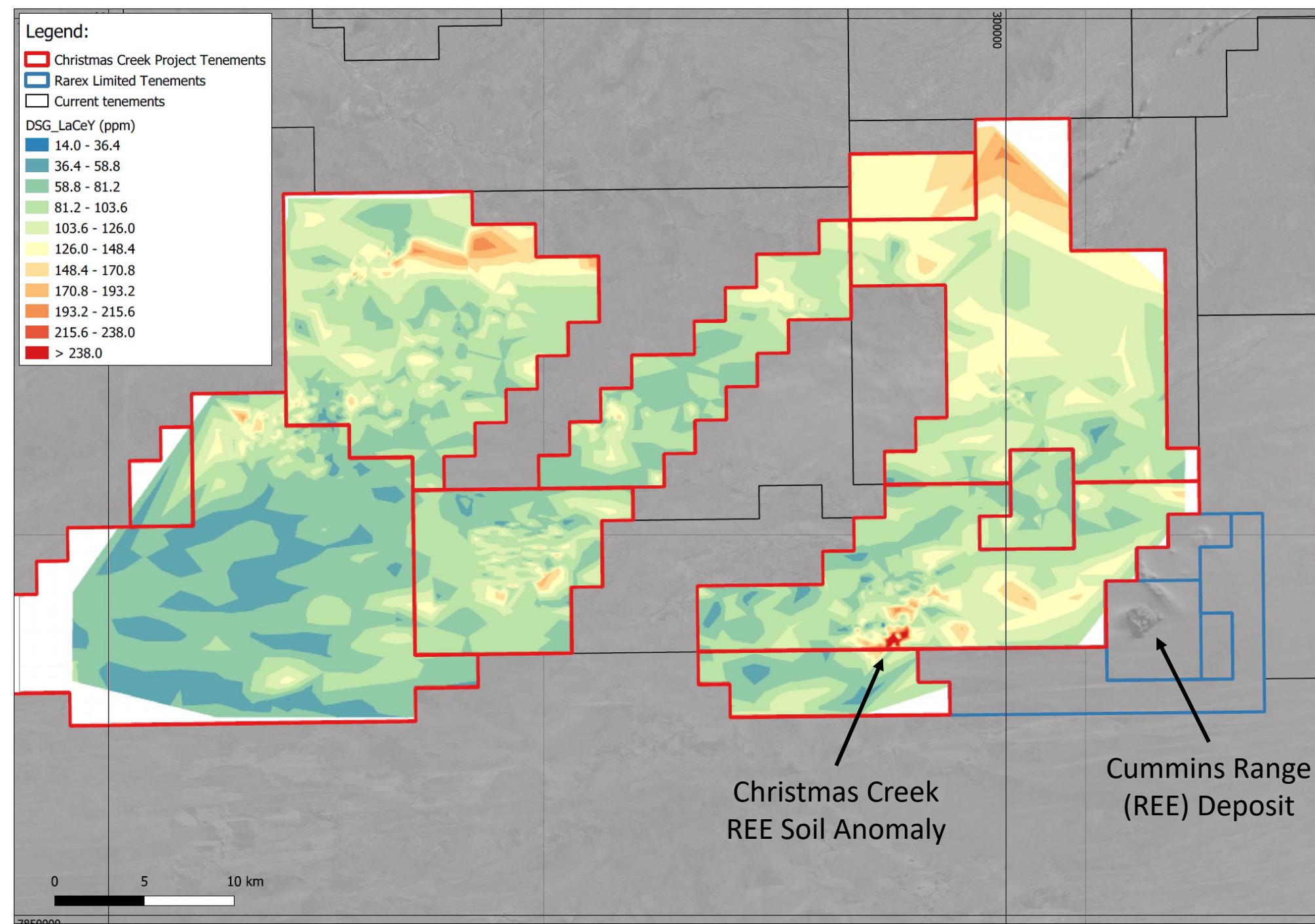
- Cummins Range REE Deposit located 2km east of Project
- REE potential identified in soil data
- Anomalous magnetics & radiometrics

Nickel-Copper-PGE

- Two known Deposits (Savannah/Sally Malay & Panton)
- IGO undertaking extensive exploration in the Halls Creek Orogen
- Recent IGO/BUX Ni-Cu discovery “Dogleg” in King Leopold Orogen

Lithium Pegmatites

- Lithium bearing pegmatites located approx 16km to the NE
- Pegmatites logged in gold focused drilling
- Pegmatites observed in field



Champagne Pool

Maiden drill program update

Valley of the Gossans

- Intense multi-element anomalism
- ~2km in strike
- Interpreted to be below Au zone (and above theoretical Cu-Au porphyry)

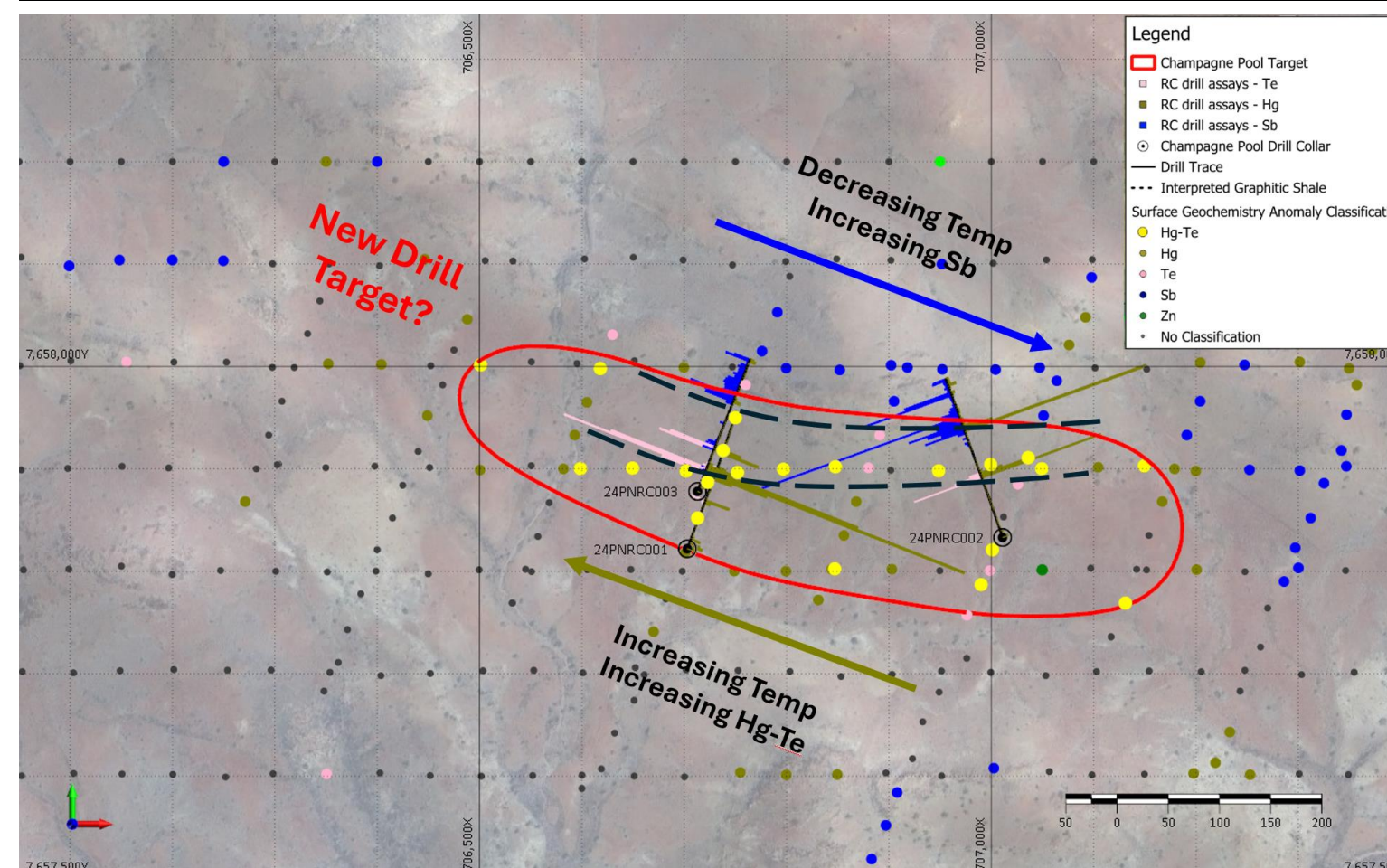
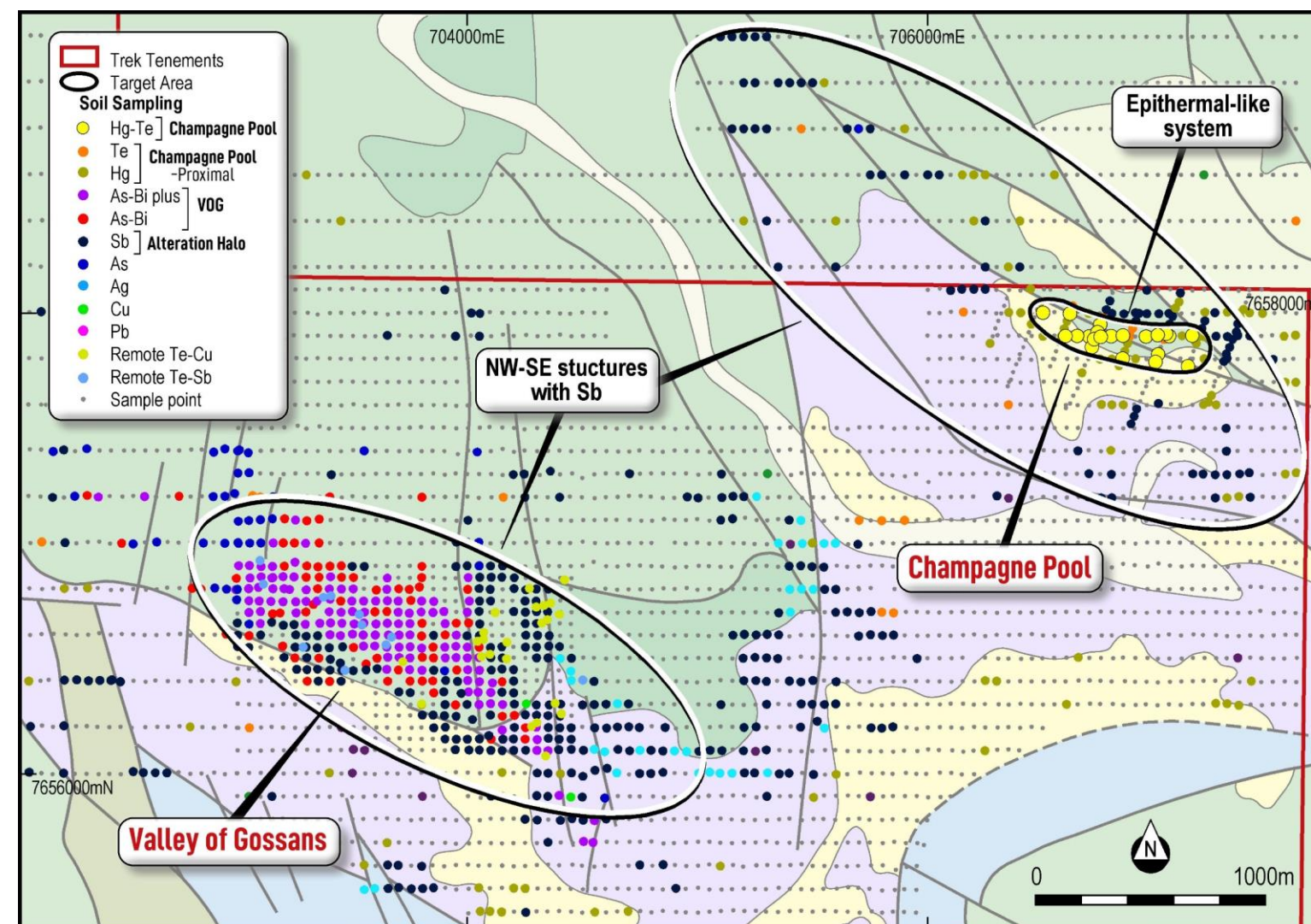
Champagne Pool

- Recently identified surface geochemical anomalism
- Strong Hg-Te association
- Surface interpreted to be above Au zone

Maiden Drilling

- Completed in April 2024
- Confirmed strong geochemical anomalism in bedrock, but did not intersect significant gold
- Apparent zonation with element association vectoring to the W-NW

Source:
ASX:TKM Announcement – Champagne Pool Exploration Update 05/06/2024



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
- Significant 795 km² land holding

Opportunity

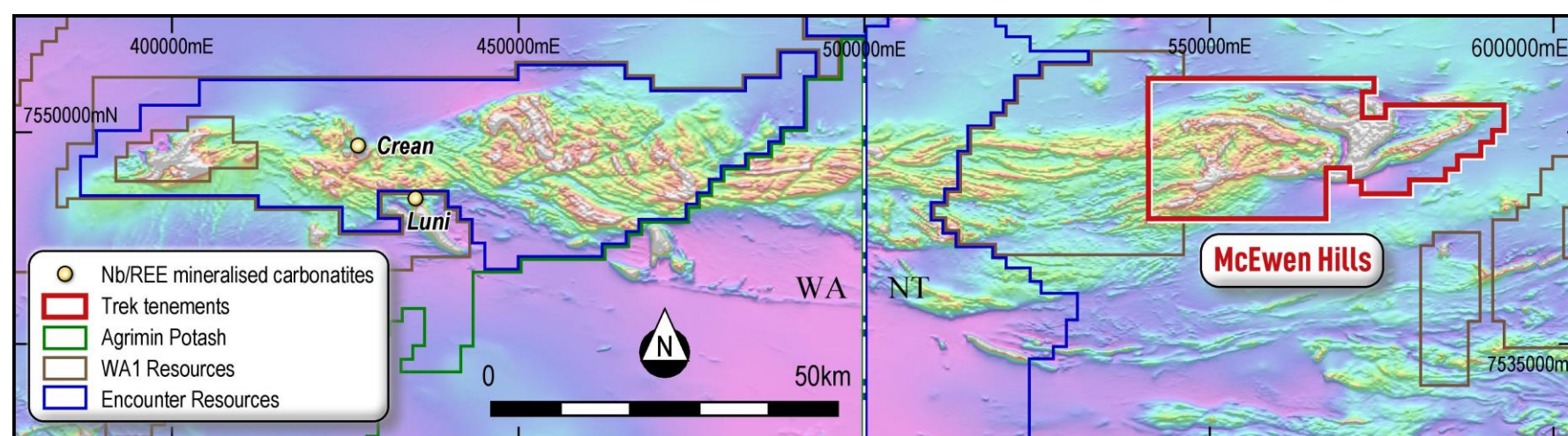
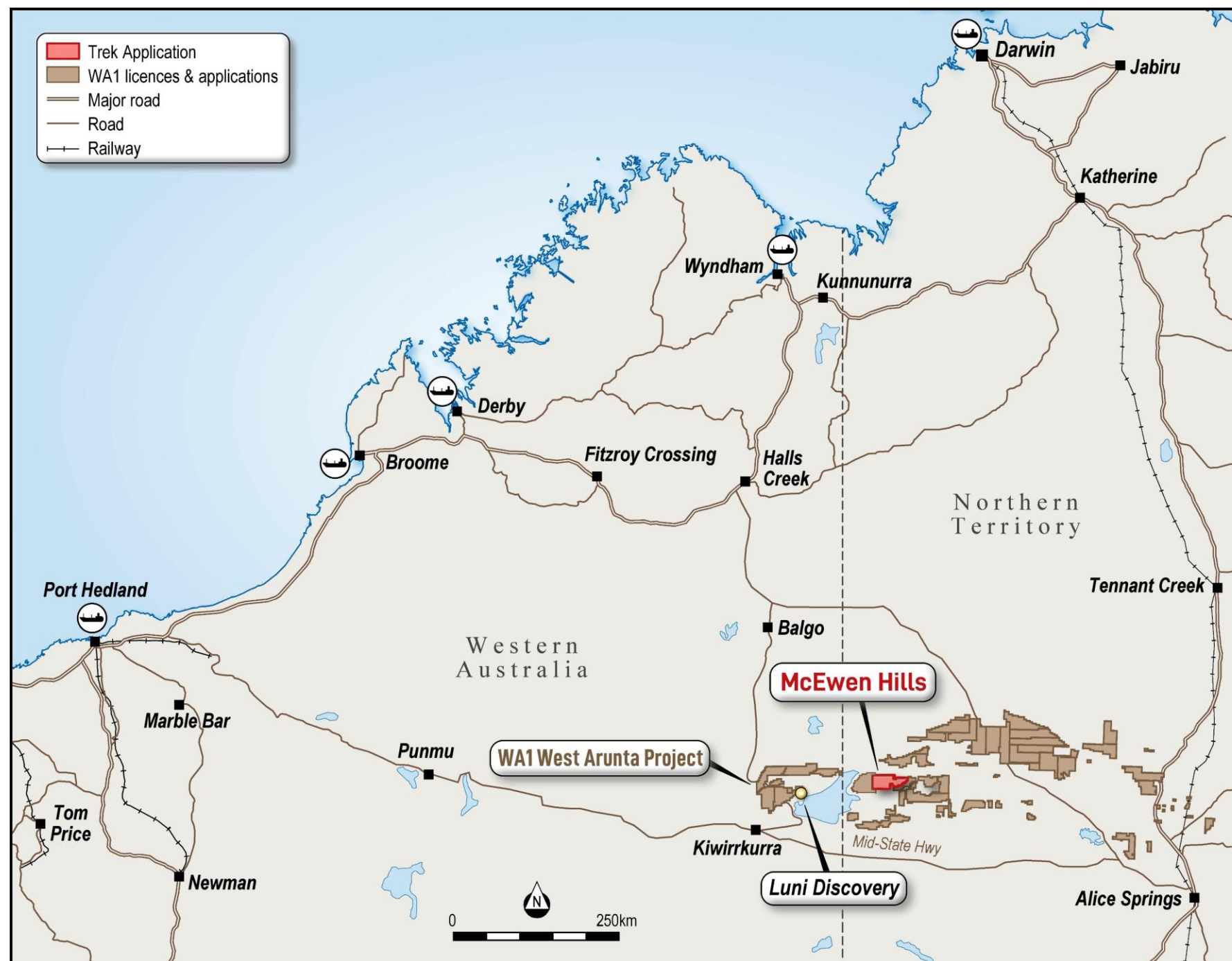
- Acute lack of historic exploration due to remote location
- New province with multiple carbonatites discovered
- Prospectivity for other deposits (e.g., Cu-Au)

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



McEwen Hills

Proven scale along strike

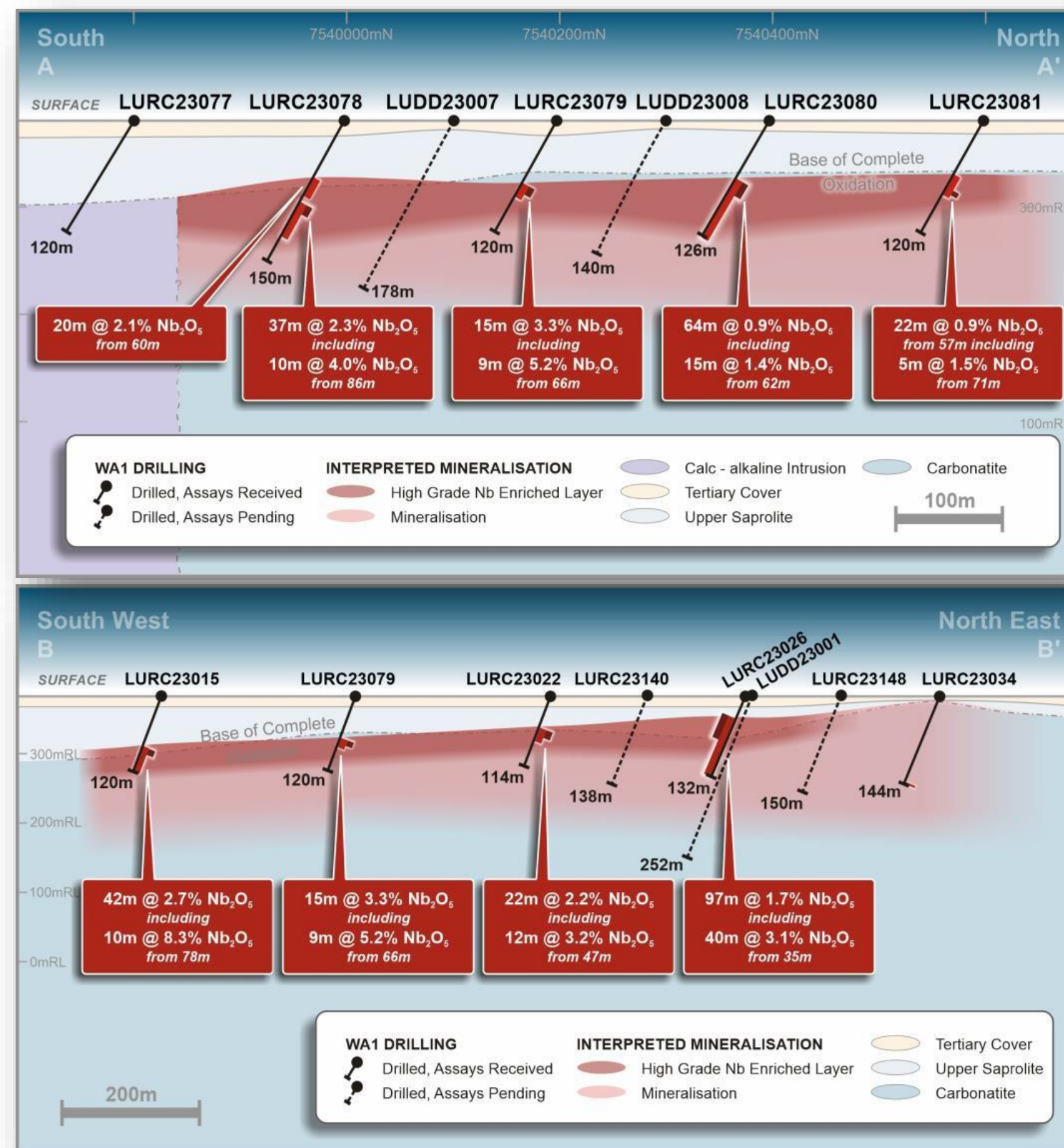
WA1 greenfields discovery under shallow cover

Market capitalization **>AUD\$1.1B**

Deposit footprint **3.6km x 1.4km**

Majority of **high-grade** material forms a sub-horizontal blanket from ~50m depth

Preliminary metallurgy indicates Luni may be amenable to low-cost open pit mining and conventional processing



Top - Simplified cross-section looking west; Bottom - Simplified cross-section looking north-west #

Sources:

ASX:WA1 – West Arunta Project Mineral Resource Estimate 01/07/2024
 ASX:WA1 – Announcement: Canaccord Genuity Latam Conference Presentation 27/09/2023
 * <https://www.marketindex.com.au/asx/wa1> 2/07/2024



Ability

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



ABILITY ACCESS ACTION

Strong Board and Balance Sheet

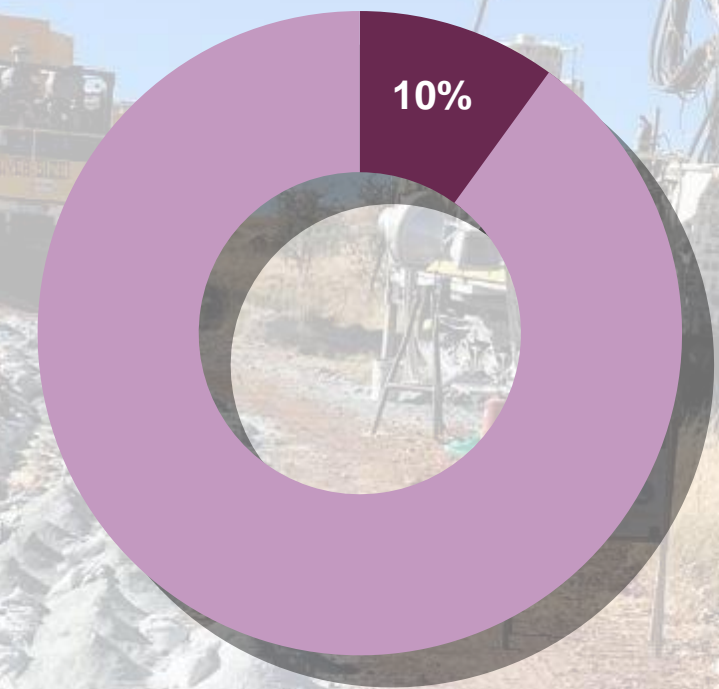
Capital Structure

ASX Code	TKM.ASX
Share Price (1 July 2024)	\$0.03
Shares on issue	513.4m
Market Cap.	\$15.4m
Cash and cash equivalents (30 th June 2024)	\$4.7m
Enterprise Value	\$10.7m

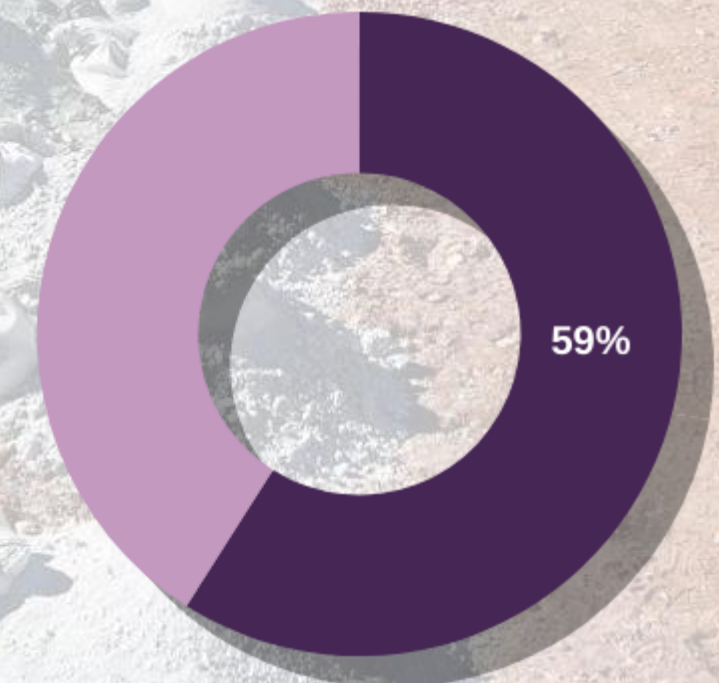
Board of Directors

Tony Leibowitz	Non-Executive Chairman
Neil Biddle	Non-Executive Director
John Young	Non-Executive Director
Valerie Hodgins	Non-Executive Director

Board & Management



Top 100 Holders





Action

Nimble, action-orientated, discovery focused.



ACTION ACCESS ABILITY



2024

Champagne Pool (Au)

- Field reconnaissance
- Maiden drill program
- Additional work if warranted

Christmas Creek (Au & REE)

- First pass & extensional drilling at known targets
- Extend & infill soil sampling of unconstrained targets
- Target additional minerals of interest (e.g., REE, Li & Ni-Cu)

McEwen Hills (Nb & Cu-Au)

- Key stakeholder engagement
- Access agreement
- Target generation via geophysical surveys
- Heritage surveying

+/- strategic partnerships on non-core projects

- Devex JV Jimblebar & Lawn Hill



Thank you

For more information, please reach out

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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://www.trekmetals.com.au/asx-announcements>

Approved for Release by the Board