

# WHITE CLIFF

MINERALS



ADVANCING A TRULY CLEAN ENERGY, MINERALS AND METALS ODYSSEY

CORPORATE PRESENTATION

ASX: WCN

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This presentation relies on information previously released to the Australian Securities Exchange:

- 15 January 2024 “Large Scale Uranium Project Secured in Canada”
- 8 November 2023 “White Cliff Secures Multiple High Grade Copper Projects”
- 27 March 2023 “Sale of Yinnetharra REE/Li Project to Minerals 260 Ltd”
- 24 October 2022 “Strategic Acquisition of Lake Tay Project”
- 23 November 2021 “Highly Prospective Projects Acquisition and New Tenement Applications”
- 29 October 2020 “Maiden 42,400 Ounces JORC Mineral Resource at Reedy South”



**Future facing metals** - White Cliff has an in-demand, diversified Energy Metals portfolio featuring uranium (U), copper (Cu), nickel (Ni), gold (Au), silver (Ag), lithium (Li) and rare earths (REE)



**Tier 1 Jurisdictions** - the Company has ground in Western Australia and Canada, both supportive jurisdictions with enabling regulatory frameworks for exploration and development



**Secure financial position** - we have no debt and about A\$5.8m million in cash and listed investments<sup>1</sup>



**Progress** - our strategy in Canada for uranium, copper, gold and silver, complimenting the ongoing field work in Western Australia (Au, Cu, Ni, Li and REE) will provide strong and ongoing news flow



**ESG** - we have demonstrated commitment to responsible resource development



**Strong board & management** - the company has the right-sized team, with significant frontier exploration experience, corporate and technical expertise

<sup>1</sup> Cash position as at 25 March 2024, includes sales of Yinnetharra project to Minerals 260 (ASX: M16) for 7 million shares (see announcement: 27 March 2023)

# CORPORATE OVERVIEW



## Capitalisation Data<sup>2</sup>

**A\$0.015**

Share Price A\$

**1,624M**

Basic S/O

**A\$23M**

Market Cap

**A\$4.7M<sup>3</sup>**

Cash

**A\$16M<sup>4</sup>**

Enterprise Value

## Board & Executive

**Rod McIlree**

Executive Chairman

Rod is an Australian geologist with extensive experience in developing large-scale projects. With extensive knowledge in M&A, international logistics and small-cap fundraisings, he provides the leadership for this new phase of growth of the company

**Edward Mead**

Executive Director

Ed is a geologist with 30 years experience in exploration, mine development and mine production. Ed's experience includes Li, Cu, Ni, AG and geological settings, including mafic and ultra mafic intrusions, volcanic-hosted massive sulphides and pegmatites

**Troy Whittaker**

Executive Director

Troy is an executive with more than 20 years of experience, spanning successful international project evaluation activities, and the development and operation of multibillion dollar assets globally across a broad range of commodities

**Dan Smith**

Non-Executive Director

Dan has over 15 years primary and secondary capital markets expertise, and has advised on, and been involved in, a number of IPOs, RTOs and capital raisings on the ASX, NSX and AIM markets

## WCN Share Price



## Shareholder Info

Top 20 37%

Board & Management 11.35%

# of Shareholders 2,473

## WCN 52w Performance

52w high \$0.019

52w low \$0.006

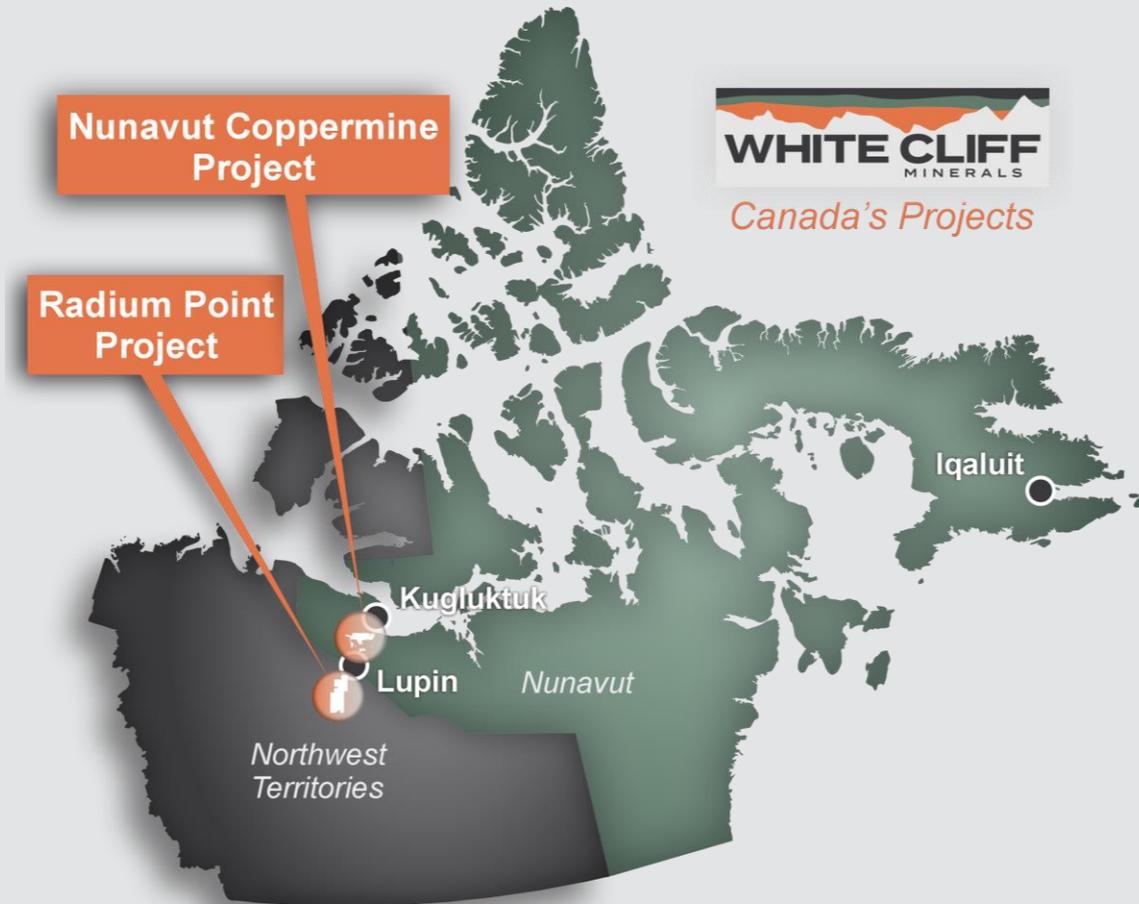
Average Volume 4.1m/day

<sup>2</sup> as at 25 March 2024 <sup>3</sup> after prepayment for upcoming field works <sup>4</sup> after cash and liquid instruments

# OUR PROJECTS



Recent acquisitions of outstanding Canadian prospects are complementary to its existing Australian portfolio



- White Cliff has large, scalable high-grade, high-quality projects **secured** in **historic** and **proven** areas
- Our plans to use modern exploration techniques leaves us poised to **unlock untapped opportunity**
- The significant historical databases and information we've secured allow us to identify and target **fast tracked on-ground exploration activities**
- Canadian Government provides **numerous initiatives<sup>5</sup>** to **support the critical minerals industry**
- Leveraging **the Clean Energy Revolution** with the right commodity basket

Cu

## Nunavut Copper-Gold-Silver

- The Projects licence area totals a significant 805km<sup>2</sup>, in Nunavut, Canada
- The licence area hosts numerous extraordinarily high-grade copper lodes along the same continuous structural trend
- The outcropping structure of the mineralisation can be traced for more than 100km in total strike length

Au

Ag

U

## Radium Point Uranium-Copper-Gold-Silver

- Radium Point's licence area covers an area that exceeds 3,300km<sup>2</sup> in the Northwest Territories
- The area includes significant historical mining operations such as the Eldorado, Echo Bay and Contact Lake mines
- Historical exploration works demonstrate widespread undrilled and underexplored mineralisation at the surface

Cu

Au

Ag

<sup>5</sup> Canada, the 'place to be'. Canadian government provides opportunities for exploration tax rebates, flow through funding and government grants

U

## Radium Point Uranium-Copper-Gold-Silver

Cu

### A Historic and Proven Area

- Recognised as one of Canada’s largest uranium mining districts
- Total historical production across the area (pre 1982) was:
  - 13,700,000 pounds of uranium oxide (U<sub>3</sub>O<sub>8</sub>)
  - 34,300,000 ounces of refined silver
  - 11,377,040 pounds of copper with gold credits, and
  - 127,000kg of nickel, 227,000kg of cobalt and 104,000kg lead

Au

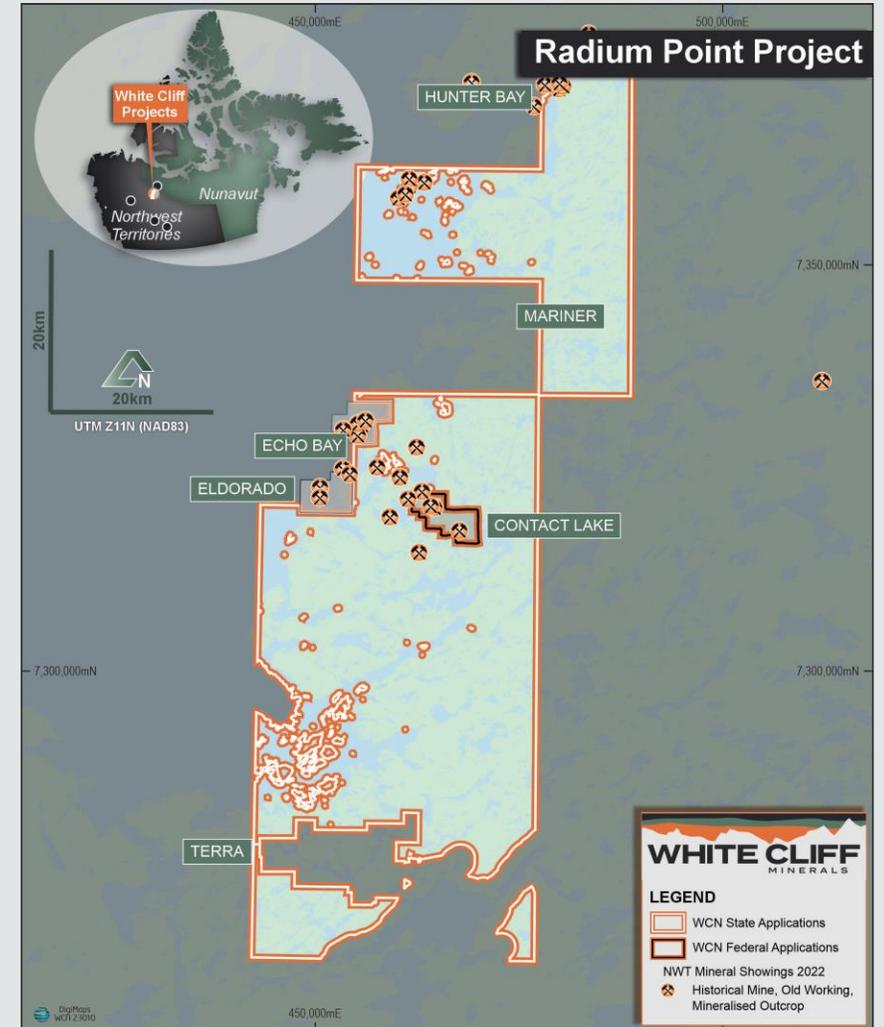
Ag

### The Potential

- Identified as having Canada’s highest probability for the hosting of iron-oxide-copper-gold uranium plus silver-style mineralisation in the Country

### New Beginnings

- A review and consolidation of historic datasets nears completion
- A smart, sophisticated and integrated Geographic Information System (GIS) of the Project has been created



A Radium Point project overview, showing historical mines

U

Cu

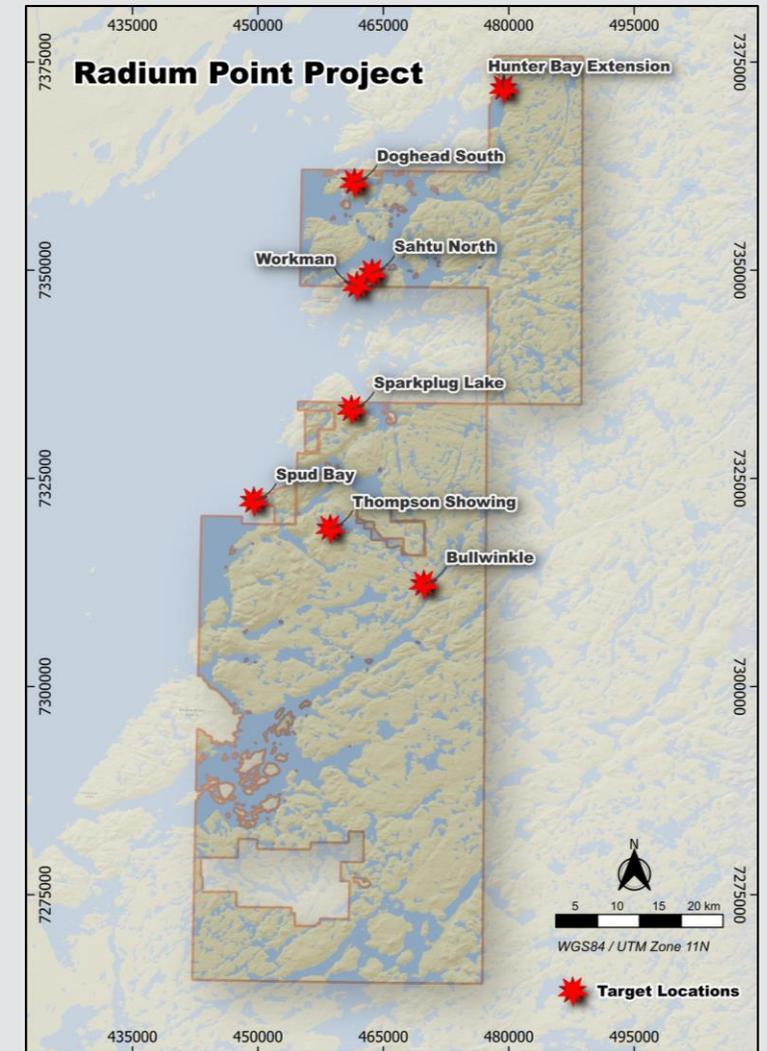
Au

Ag

## Radium Point Uranium-Copper-Gold-Silver

Multiple high-grade results from historic rock chip sampling has been identified in areas where very limited exploration activities has been previously undertaken:

- Thompson Showing:
  - **14.15% U<sub>3</sub>O<sub>8</sub>, 6.22g/t Au and 122g/t Ag**
  - 7.5% Cu, 1.63% U<sub>3</sub>O<sub>8</sub>, 729g/t Ag and 1.56g/t Au
  - 15.15g/t Au, 6.6% Cu, 2.32% U<sub>3</sub>O<sub>8</sub> 137g/t Ag, 1.11% Cobalt and 0.58% Nickel
- Bullwinkle:
  - **7.43% U<sub>3</sub>O<sub>8</sub> and 2.77% Cu**
  - 0.248% U<sub>3</sub>O<sub>8</sub> over 0.75m in composite rock chip sample of trench floor
- Doghead South:
  - **1.556% U<sub>3</sub>O<sub>8</sub>, 10.30% Cu, 3.68g/t Au and 34g/t Ag**
  - 3.85% Cu, 4.05g/t Au and 7g/t Ag
- Sparkplug Lake:
  - **8.28g/t Au, 43.4g/t Ag and 1.86% Cu**
  - 3.97% Cu, 4.42g/t Au and 12.4g/t Ag
  - 3.01% Cu, 5.37g/t Au and 2.60g/t Ag
- Spud Bay:
  - **22.72% Cu, 619g/t Ag and 0.59% Pb,**
  - 11.69% Cu, 1330g/t Ag, 0.44% Pb and 8.30% Zn
  - 6.61% Cu, 1427g/t Ag, 0.35% Pb and 3.66% Zn



Phase 1 - Target identification

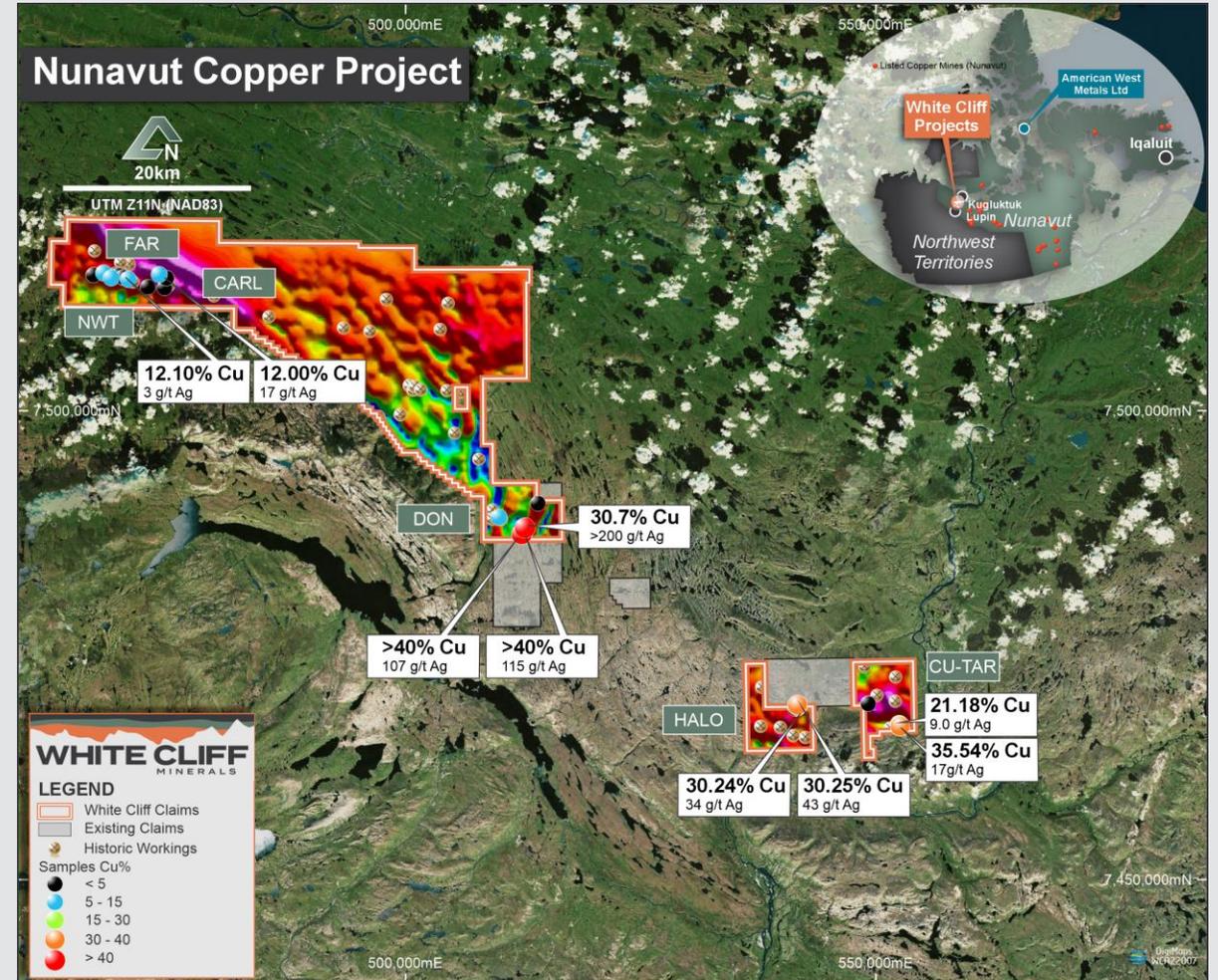
Cu

Au

Ag

## Nunavut Copper-Gold-Silver

- Previous exploration has validated numerous highly prospective copper and silver mineralisation occurrences that include:
  - 30.24% Cu, 34g/t Ag at Halo Prospect
  - 30.25% Cu, 43g/t Ag at Halo Prospect
  - 35.54% Cu, 17g/t Ag at Cu-Tar Prospect
  - 30.7% Cu, >200g/t Ag at Don Prospect
  - >40% Cu, 115g/t Ag at Don Prospect (above Cu detection range)
  - >40% Cu, 107g/t Ag at Don Prospect (above Cu detection range)
- High-grade copper outcropping can be located along continuous structural corridors
- Fully permitted to allow for exploration activities during 2024



A Nunavut project overview, with selected/significant mineralisation occurrences

U

## Radium Point & Nunavut - Poised for the next phase of exploration

Cu

Au

Ag

- The project localities will provide for synergies across holistic exploration campaigns
- A field crew will be mobilised shortly for orientation, reconnaissance, verification of soils and chip sampling on the identified outcropping areas across the project areas for future works planning
- The Company plans to confirm the larger geochemically anomalous areas throughout the broader project area in preparation for drilling
- Utilising high resolution satellite hosted products, aerial photographs and multispectral and electromagnetic data that it has acquired and compiled
- We've drawn on modern airborne and ground geophysical techniques for targeting, particular through employing electromagnetic surveys such as MobileMT which is due for deployment during the Canadian summer of 2024
- Diamond and core drilling to test the extensional potential of high-grade structurally controlled and stratiform mineralisation

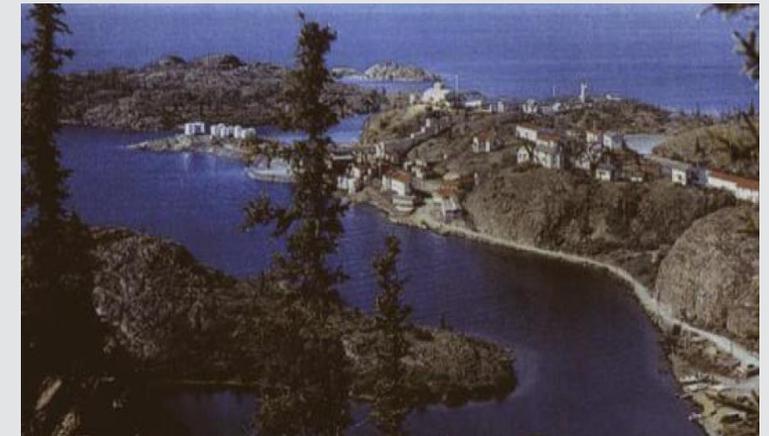


Port Radium, base of Echo Bay Mine

*NWT & Nunavut Chamber of Mines photo*



Proposed Aerial Survey Equipment



Eldorado mine site

## A refocussed strategy within Western Australia - refining the portfolio to three highly prospective projects

Au

### Reedy South Gold

- JORC resource of 42 kilo-ounces gold
- The Reedy South area covers 272km<sup>2</sup> immediately south of Triton/South Emu Mine (Westgold) in the Goldfields and features multiple highly prospective drill targets

Cu

### Diemals Copper-Lithium-Gold-Nickel-Rare Earths

- Diemals has eight tenement applications covering about 3000km<sup>2</sup>, located 185km north of Southern Cross
- Underexplored tenure, with two greenstones belts identified on the west and east margins being prospective for lithium, gold, nickel and copper

Li

Au

Ni

REE

Au

### Lake Tay Gold-Lithium-Rare Earths

- Area covers a large portion of the Lake Johnston greenstone belt.
- Adjacent to TG Metals and 20km from the Charger Metals and Rio Tinto Exploration JV
- Lake Tay, consists of 13 exploration licenses totalling ~1874km<sup>2</sup> and is ~50km NW of Meeka Metals Cascade REE project and is considered prospective for ionic clay hosted REE deposits

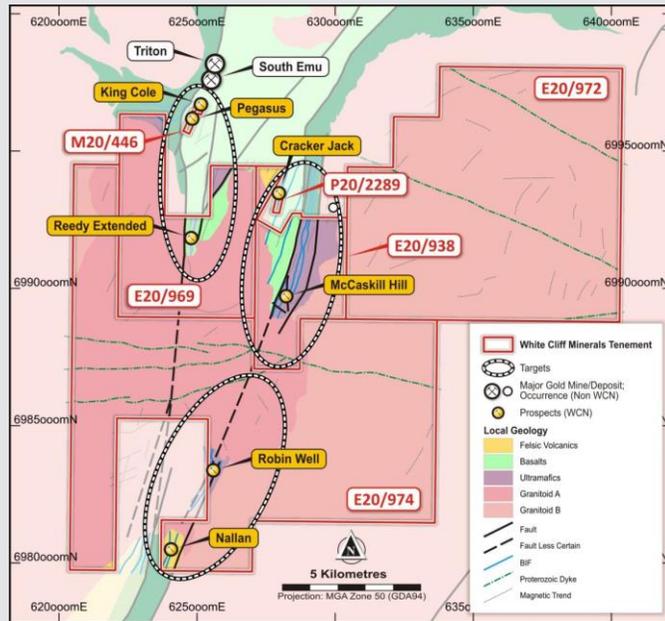
Li

REE

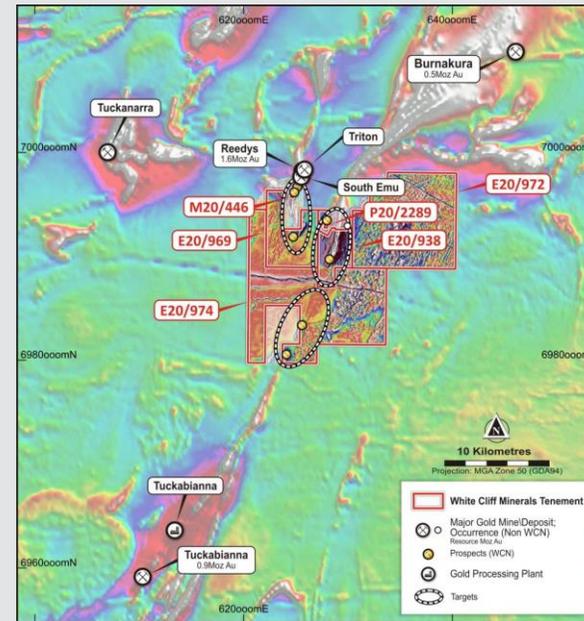
Au

## Reedy South Gold

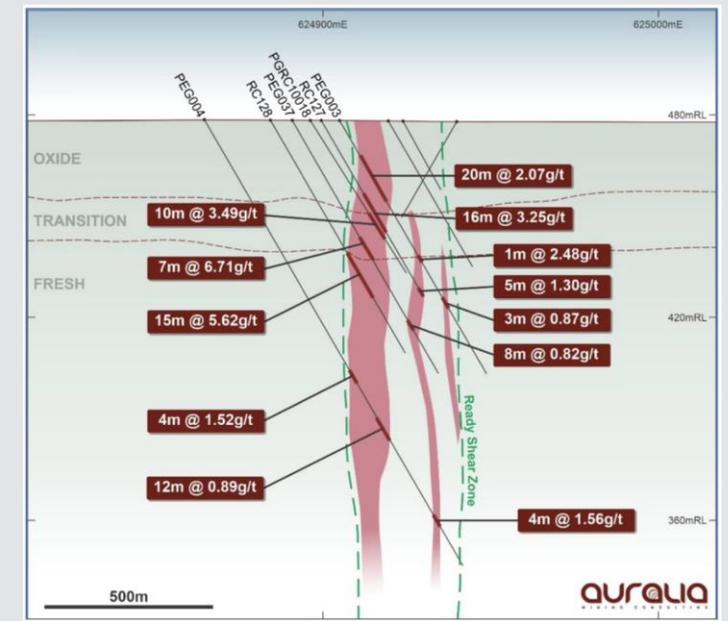
- A highly prospective area with the proven goldfields region of WA, consists of 1 mining licence, 5 exploration leases and 1 prospecting permit
- The Pegasus/King Cole project has a JORC Resource (MRE) of **779,000 tonnes** at **1.7 grams per tonne gold** for **42,400 ounces**, including:
  - 6,600oz of indicated resources, and
  - 35,800oz of inferred resources
- The style and controls of mineralisation are similar to the Triton-South Emu goldmine immediately north of the project
- The MRE remains open along strike and at depth
- The Company is considering is in the planning stages for a near term drilling campaign to further explore the potential of the resource



Simplified geology interpreted from airborne magnetics and mapping



Aeromagnetic survey highlighting key prospects



Drill holes at a cross-section looking north

Au

## Diemals Multimetals

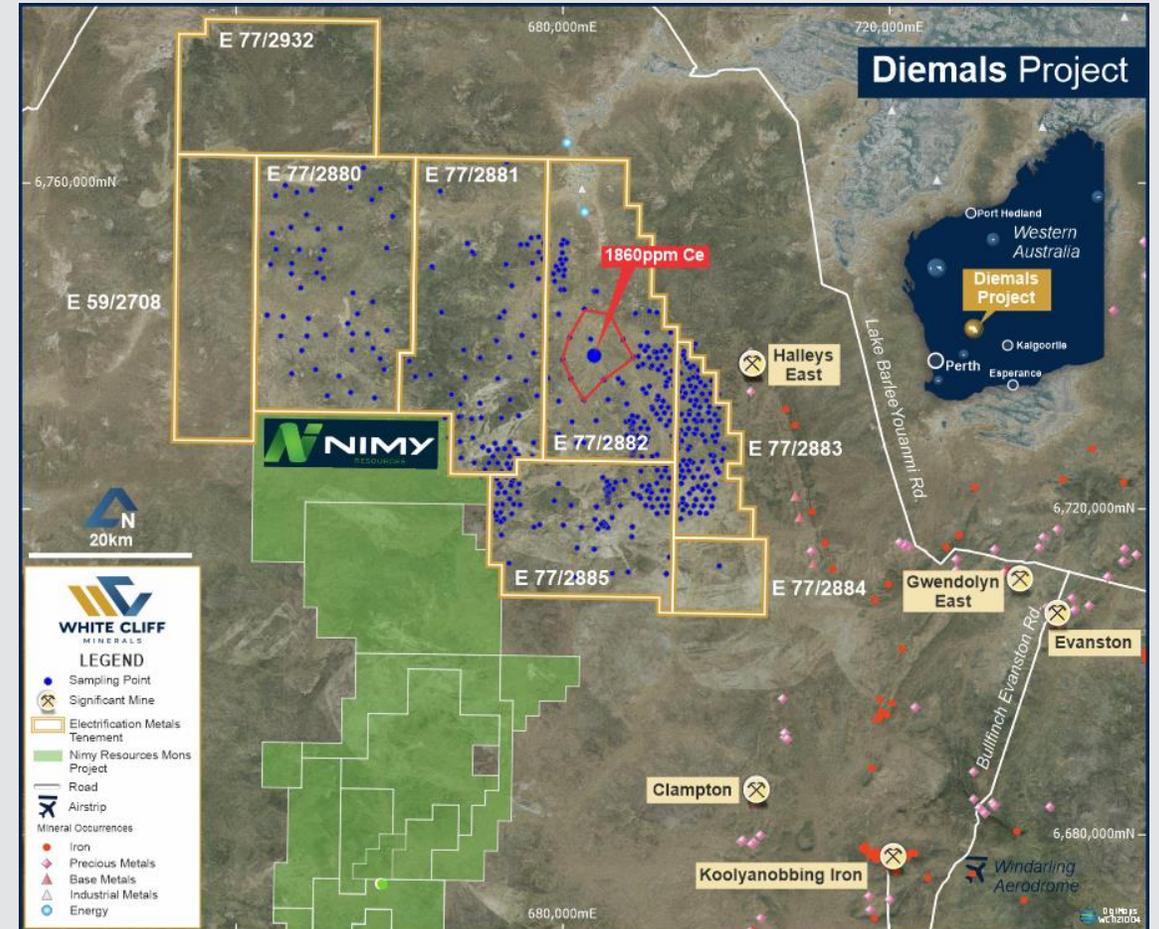
- Recent reinterpretation of aeromagnetic data confirms the Forrestania greenstone belt that runs through Nimy Resources' tenure continues north into Diemals
- An eastern greenstone belt terminates within the western tenement area
- Very strong Ce responses up to 1,860ppm in ferruginous lateritic material based on the laterite Geochemical database for the western Yilgarn Craton (YLA) published by the GSWA<sup>1</sup>
- Over the next 6 months the Company intends to:
  - Complete geochem sampling and conduct follow-up surface sampling field work
  - Acquire high-resolution magnetic and radiometric data
  - Review the implementation of VTEM on the west side of tenure

Li

Ni

Cu

REE



Project location, CSIRO sampling points and relative location to NIMY project

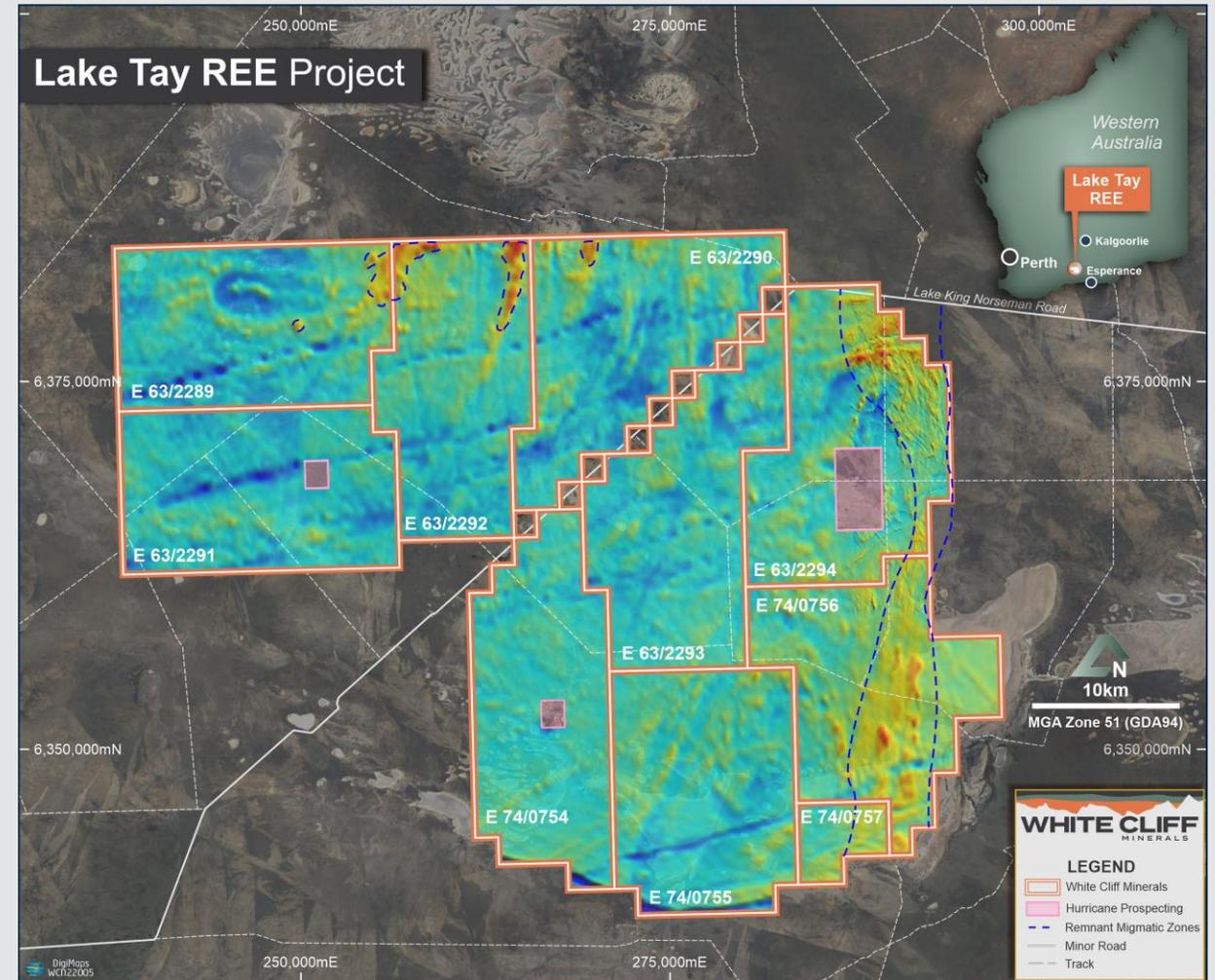
Au

Li

REE

## Lake Tay Multimetals

- This area remains largely underexplored and remains highly prospective
- Reconnaissance soil sampling has recently been undertaken and this is being assayed by the lab
- Lake Tay is adjacent to TG Metals and 20km from the Charger Metals and Rio Tinto Exploration JV
- The licence covers the southern half of the Lake Johnston structural corridor where the White Cliff has a dominant land holding
- A total of 483 soils and 22 rock chip samples were taken during a 2023 regional sampling campaign that are currently undergoing assays within the lab
- Further sampling and field mapping will be conducted in this new high-grade lithium province
- Shallow aircore drilling by Magnetic Resources NL at Lake Tay in 2008 intersected a highly magnetic granitoid returning highly anomalous REE results (only assayed for a partial suite - La, Ce, Dy, Er, Y), including:
  - 4m @ 1012ppm TREO, LTWAC-4, 28-32m
  - 5 holes >500ppm TREO over 4m (ACLTWAC-4, 10, 17, TSLAC-2, 3, LTPAC-2)



## CONTACT INFORMATION

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