

**CORPORATE PRESENTATION** 



**ASX: WCN** 

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## **CORPORATE OVERVIEW**



### **CAPITALISATION DATA**

A\$0.016 1,624M **A\$26M Share Price A\$** Basic S/O Market Cap

A\$2.95M<sup>2</sup>

A\$22.1M **Enterprise Value** 

### **BOARD & EXECUTIVE**

#### **Rod McIllree 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

#### **Eric Sondergaard EXECUTIVE DIRECTOR**

Eric is a registered Professional Geoscientist and a graduate of the University of Calgary in Canada. Eric brings over 20 years of operational experience in the mining industry, including significant expertise in frontier exploration and project management.

#### **Troy Whittaker** MANAGING DIRECTOR

Trov 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



### **SHAREHOLDER** INFO

Top 20	32.93%
Board & Management	12.83%
# of Shareholders	2,655

### **WCN 52W PERFORMANCE**

52w high	\$0.021
52w low	\$0.008
Average Volume	5.72m/day

## **INVESTOR HIGHLIGHTS**



	FUTURE FACING METALS	White Cliff has an <b>in-demand</b> , diversified Energy Metals portfolio featuring <b>uranium</b> (U), <b>copper</b> (Cu), <b>gold</b> (Au) and <b>silver</b> (Ag).
550	TIER 1 JURISDICTIONS	The Company has ground in Western Australia and Canada, both <b>supportive jurisdictions</b> with enabling regulatory frameworks for exploration and development.
\$	SECURE FINANCIAL POSITION	We have <b>no debt</b> and about A\$3.87m million in cash and listed investments.
	PROGRESS	Our strategy in Canada for <b>uranium</b> , <b>copper</b> , <b>gold</b> and <b>silver</b> , complimenting the ongoing field work in Western Australia will provide <b>strong and ongoing news flow</b> .
	ESG	We have demonstrated commitment to responsible resource development.
33	STRONG BOARD & MANAGEMENT	The company has the <b>right-sized</b> team, with significant <b>frontier exploration experience</b> , corporate and technical <b>expertise</b> .

## THE NEW WHITE CLIFF MINERALS A BRIEF, BUT IMPRESSIVE HISTORY

- Approvals for **Great Bear**  Great Bear IOCG-**IOCG-U Project U** Project received secured in North-West Contractors for **Territories** maiden field Canada campaign appointed Approvals for Rae Cu-Ag Project Rae Cu-Ag secured in Nunavut Feb **Project received** Canada Jan Nov 2023
- Digitisation of historical records completed at Great Bear, multiple high class/high priority targets identified

Mar

programme for both projects confirmed

May

Maiden field

Federal licences

granted at

**Great Bear** 

Aerial and on ground works commence at both projects

Jun

John Hancock appointed as Strategic Advisor

Jul

- Additional land acquired at Rae Cu-Ag Project
- Multiple and widespread mineralisation identified at **Great Bear**
- Widespread Chalcocite rich dominant vein systems identified at Rae

## Aug-Sept

- Aerial and on ground works completed at both projects
- Results of Assays & MobileMT aerial geophysical survey results released

## **OUR PROJECTS**





## **CANADA INVESTMENT HIGHLIGHTS**





Large, high-grade and scalable projects secured in historic and proven areas



Modern exploration techniques positions us to **unlock untapped opportunity** 



Significant historical databases and information allow targeted **fast tracked on-ground exploration activities** 



Canadian Government provides

numerous initiatives to support the

critical minerals industry



Leveraging **the Clean Energy Revolution** with the right commodity basket



## **CANADA LOCATIONS**



TERRITORIES

Cu

### RAE COPPER-SILVER

Licence area totals 805km<sup>2</sup>, in Nunavut, Canada

Ag

 Numerous extraordinarily high-grade copper lodes along a continuous structural trend identified and visible

 More than 48km of Rae Group sediments – the host of "Reduced-facies" Copper sit on the Company's licences







Cambridge Bay

### GREAT BEAR LAKE URANIUM-COPPER-GOLD-SILVER

Au

• Licence area covers an area that exceeds 2,900km2 in the Northwest Territories

Cu

 The area is within the immediate proximity of significant historical mining operations such as the Eldorado, Echo Bay and Contact Lake mines

Aq

 The Company's recent exploration works demonstrate widespread undrilled and underexplored mineralisation at surface



### **COPPER-GOLD-SILVER-URANIUM**

- A historic and proven area
- Identified as having Canada's highest probability for the hosting of iron-oxide-copper-gold uranium plus silverstyle mineralisation in the Country
- Recognised as one of Canada's largest uranium mining districts
- Total historical production across the area (pre-1982) was:
  - $\circ$  13,700,000 pounds of uranium oxide (U<sub>3</sub>O<sub>8</sub>)
  - o 34,300,000 ounces of refined silver
  - o 11,377,040lbs of copper with gold credits, and
  - 127,000 kilograms of **nickel**, 227,000kg of **cobalt** and 104,000kg **lead**
- Historical focus on U, Ag overlooked significant Cu and Au potential



Great Bear Lake Project overview, showing access and settlements

### COPPER-GOLD-SILVER-URANIUM

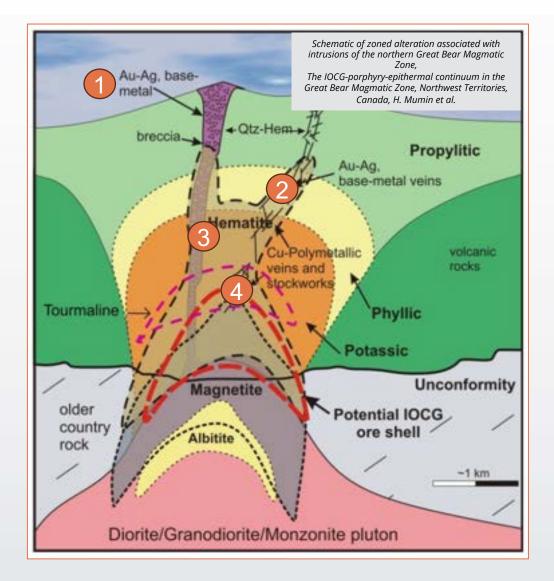


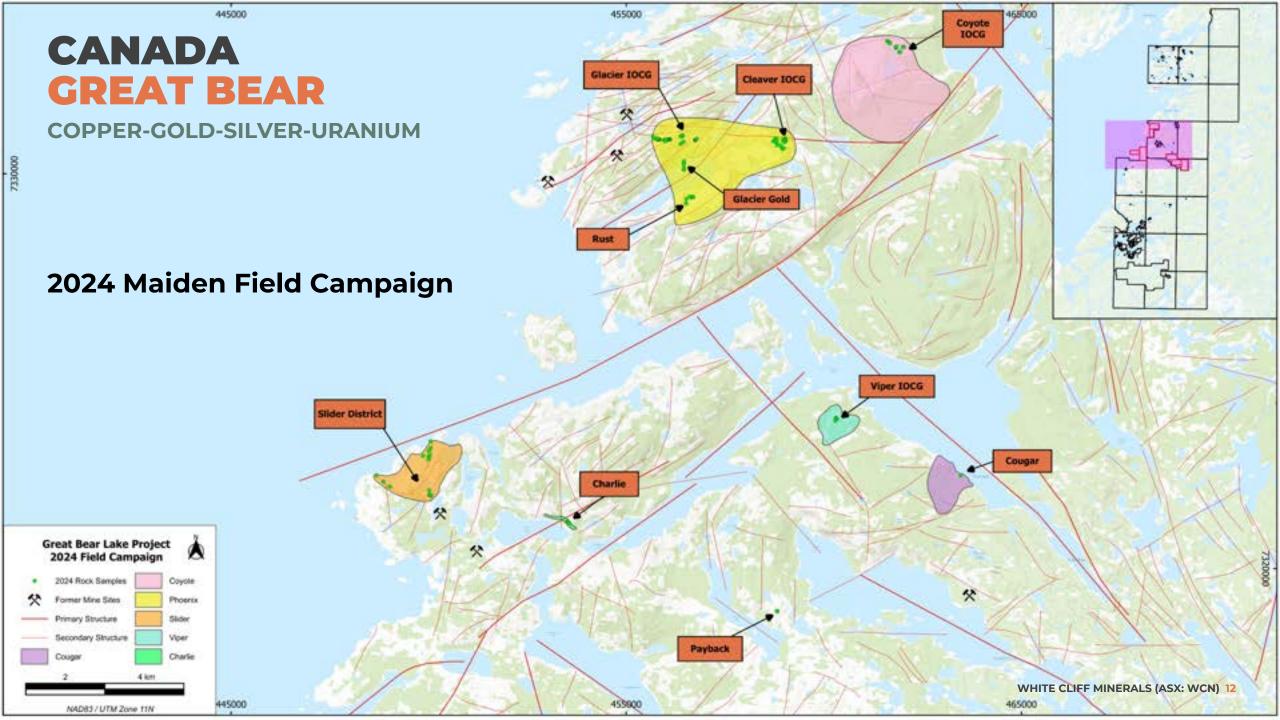
### **Great Bear Magmatic Zone**

- Hosts a spectrum of mineralization styles within the broad IOCG hydrothermal model
  - Epithermal Ag, Au, Cu, U,
  - Skarn Ag, Cu, Mo, Pb, Zn, W
  - IOCG Au, Ag, Co, Cu, +/- U
- Untapped Potential Copper and gold were never the focus of historic exploration work
- **Historic Data** A wealth of data, that until now has never been fully integrated into GIS
- **Recent Publications** Academic work on the Great Bear Magmatic Zone has brought a new understanding to the region, making comparisons to other global world class IOCG districts
- Slider District, Coyote, Payback,
- Cougar IOCG

Viper IOCG

**Phoenix IOCG** 



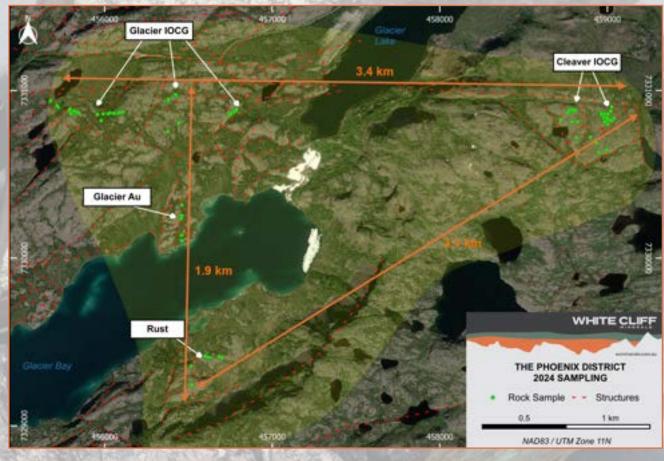


### COPPER-GOLD-SILVER-URANIUM



#### Phoenix<sup>1</sup>

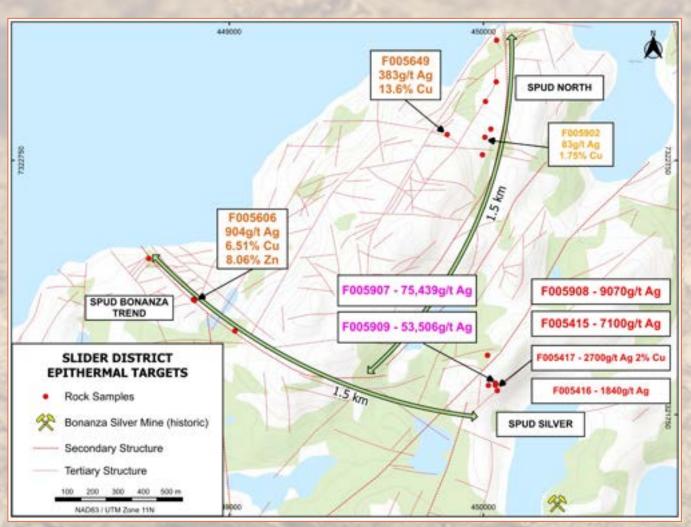
- Close proximity to existing logistics infrastructure
- District scale, mineralized region along a major E/W fault
- Located only a kilometer east from the historic Eldorado & Echo Bay mines.
- 2024 maiden campaign -delivered high grade Copper, **Gold & Silver:** 
  - **42.60% Cu, 2.28g/t Au & 159g/t Ag** (F005437)
  - 39.50% Cu, 3.54g/t Au & 181g/t Ag (F005436)
  - **39.50% Cu, 2.28g/t Au & 131g/t Ag** (F005435)
  - 6.31% Cu, 28.2 g/t Ag & 0.468 g/t Au (F005688)
  - 249 g/t Ag, 3.00% Cu & 0.717 g/t Au (F005646)
  - 38.2g/t Au, 76.5g/t Ag, 4.16% Cu (F005424)
  - **29.7g/t Au, 121g/t Ag, 2.55% Cu** (F005426)



Phoenix: A 3.4km E/W & 1.9km N/S region with extensive IOCG, epithermal and phyllic characteristics identified throughout the strike

### **COPPER-GOLD-SILVER-URANIUM**





### Slider<sup>1</sup>

- A genuine, high grade, major silver discovery just
   530m NW of the Silver Mines that produced
   34,300,000oz of refined Silver
- 2024 maiden campaign -delivered Bonanza Grade
   Silver:
  - 7.54% Ag (75,439g/t) (F005907)
  - 5.35% Ag (53,506g/t) (F005909)
  - 9,070g/t Ag (F005908)
  - 7,100g/t Ag (F005415)
  - o 2,700g/t Ag & 2.0% Cu (F005417)
- Area remains significantly underexplored, with scope for further native and/or high grade silver discoveries

Map of the Slider District - 2024 rock samples which exhibit bonanza silver grades.

### **COPPER-GOLD-SILVER-URANIUM**



## Payback<sup>1</sup>

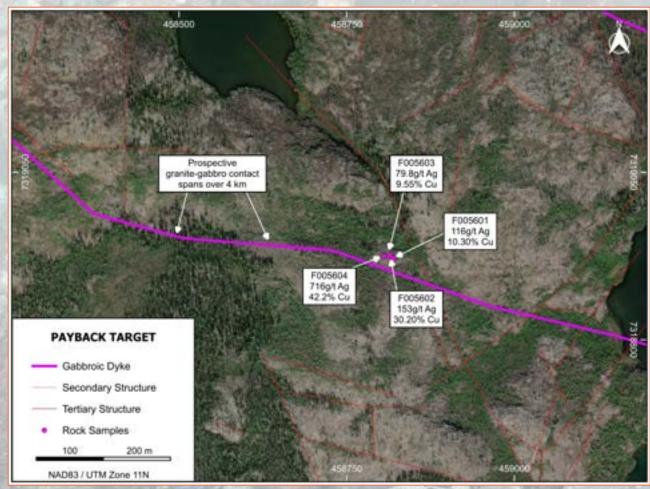
- Located south of the historic Echo Bay & Eldorado mines and only 13km south of Phoenix
- High grade polymetallic, fracture and veinlet controlled mineralization - confirmed by maiden field campaign & historic exploration:

### Maiden campaign:

- 42.20% Cu, 716 g/t Ag (F005604)
- **30.20% Cu, 153 g/t Ag** (F005602)
- 10.30% Cu, 116 g/t Ag, 2.04 g/t Au (F005601)

#### **Historic:**

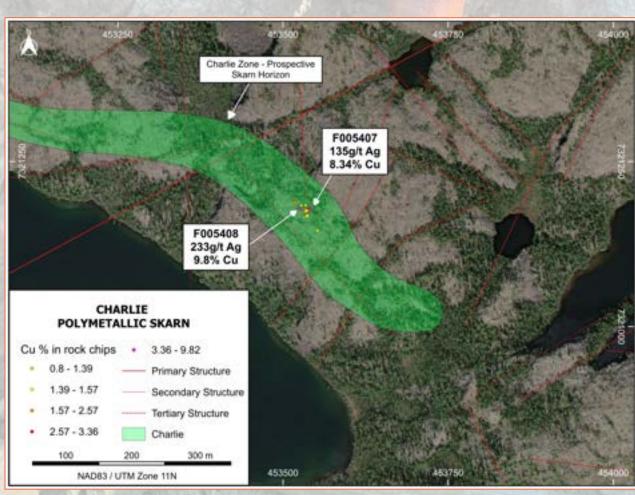
- 14.15% U<sub>3</sub>O<sub>8</sub>, 6.22g/t Au & 122g/t Ag
- 15.15g/t Au, 137g/t Ag, & 2.32% U<sub>3</sub>O<sub>8</sub>
- Previously drill tested by 3 shallow holes that included 5.5m @ 1.7% Cu and 23.9g/t Ag



Map of samples taken from Payback during the 2024 maiden fieldwork. Assay results for the 4 samples taken are labelled. Prospective gabbroic dyke shown by purple line which extends over 4 km strike length.

### **COPPER-GOLD-SILVER-URANIUM**





Map of copper % in samples taken from the Charlie Zone where polymetallic skarn mineralisation returned consistent copper grades up to 9.8% Cu and 233g/t Ag (F005408).

### Charlie<sup>1</sup>

- Strike covers approximately 900m
- The Charlie area is host to polymetallic, potassic skarn mineralisation which was sampled over a 55 m strike length NW/SE and covering a 10 m thickness
- Consistent polymetallic results adding further depth to the metal basket at Great Bear
- Grab samples from the maiden campaign include:
  - 233g/t Ag and 9.8% Cu (F005408)
  - 135g/t Ag and 8.3% Cu (F005407)
  - O 3.4% Cu, 24g/t Ag and 0.24% W (F005405)

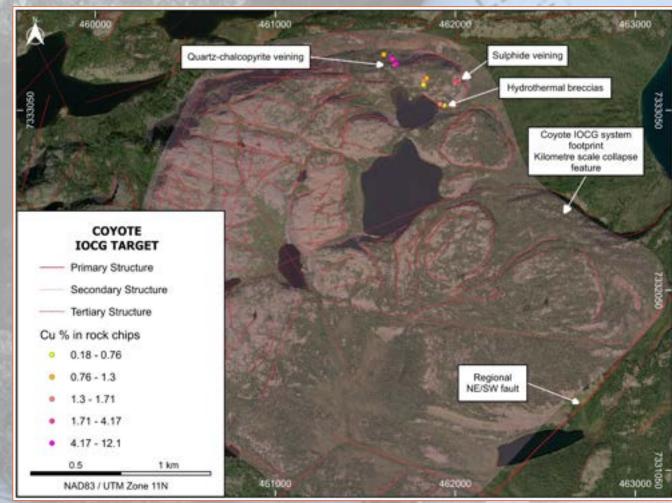
See ASX Announcement - 27 August "Bonanza Grade Silver Discovery at the Great Bear Project"

### **COPPER-GOLD-SILVER-URANIUM**



### Coyote<sup>1</sup>

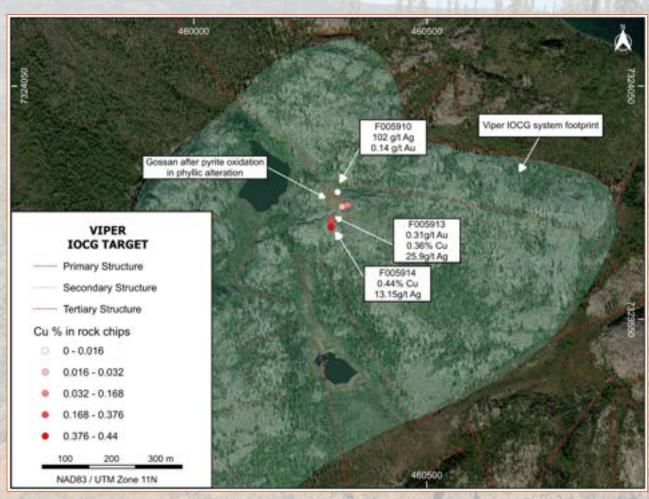
- Located 7.3km NE of the historic Eldorado Minesite
- Collapse spanning 2.5km diameter features may indicate dilation/brecciation/permeability creation at depth
- Samples taken from NE 440 x 195m zone only:
  - 17.4 g/t Au, 1.47% Cu, 29.6 g/t Ag (F005673)
  - **16.95 g/t Au, 10.55% Cu, 45.3 g/t Ag** (F005669)
  - **15.1 g/t Au, 4.2 g/t Ag** & 0.18% Cu (*F005684*)
  - 14.35 g/t Au, 1.75% Cu, 32.5 g/t Ag (F005683)
  - **8.91 g/t Au, 1.47% Cu, 62.5 g/t Ag** (F005682)
  - **12.10%** Cu, **1.35** g/t Au, **20.3** g/t Ag (F005670)



Map of copper concentration in rock chip samples from Coyote Target

#### COPPER-GOLD-SILVER-URANIUM





Map of the Viper IOCG system depicting Cu % in rock chips taken during 2024 maiden field program

## Viper

- An IOCG phyllic alteration zone that includes the historic K2 occurrence
- 2024 sampling produced high grade silver rock chips over an initial N/S strike of 75m
  - **102 g/t Ag, 0.137 g/t Au** (F005910)
  - 25.9 g/t Ag, 0.31 g/t Au (F005913)
  - **13.15 g/t Ag and 0.44% Cu** (F005914)

<sup>&</sup>lt;sup>1</sup> See ASX Announcement - 19 August "Great Bear Project delivers further outstanding Cu, Au & Ag assays"

### **COPPER-GOLD-SILVER-URANIUM**



### Cougar<sup>1</sup>

- Approximately 3.4km from Viper
- A widespread zone of intense hematite-K-feldspar alteration is present, representing the assemblage of a broad IOCG system within the Contact Lake Belt
- Target area spans 1500 m N/S and 1100 m E/W
- Rock chips sample returned an assay result of 13.5%
   Cu, 1.14 g/t Au, 97.4 g/t Ag (F005648)



Map of the Cougar target illustrating the widespread perv<mark>asive hematite</mark> alteration and locat<mark>ion o</mark>f sample F005648 which returned 1.14 g/t Au, 97.4 g/t Ag and 13.5 % Cu

<sup>&</sup>lt;sup>1</sup>See ASX Announcement - 19 August "Great Bear Project delivers further outstanding Cu, Au & Ag assays"

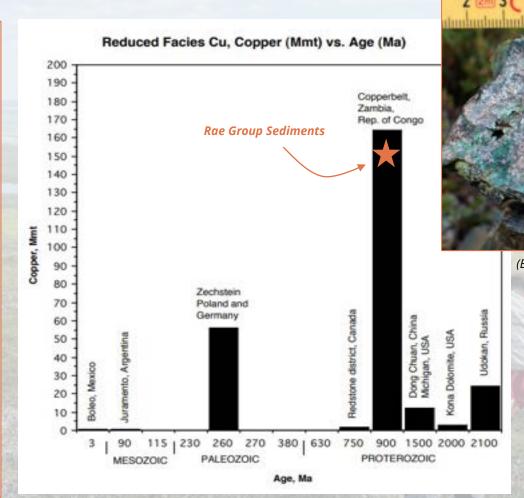


#### **COPPER-SILVER**



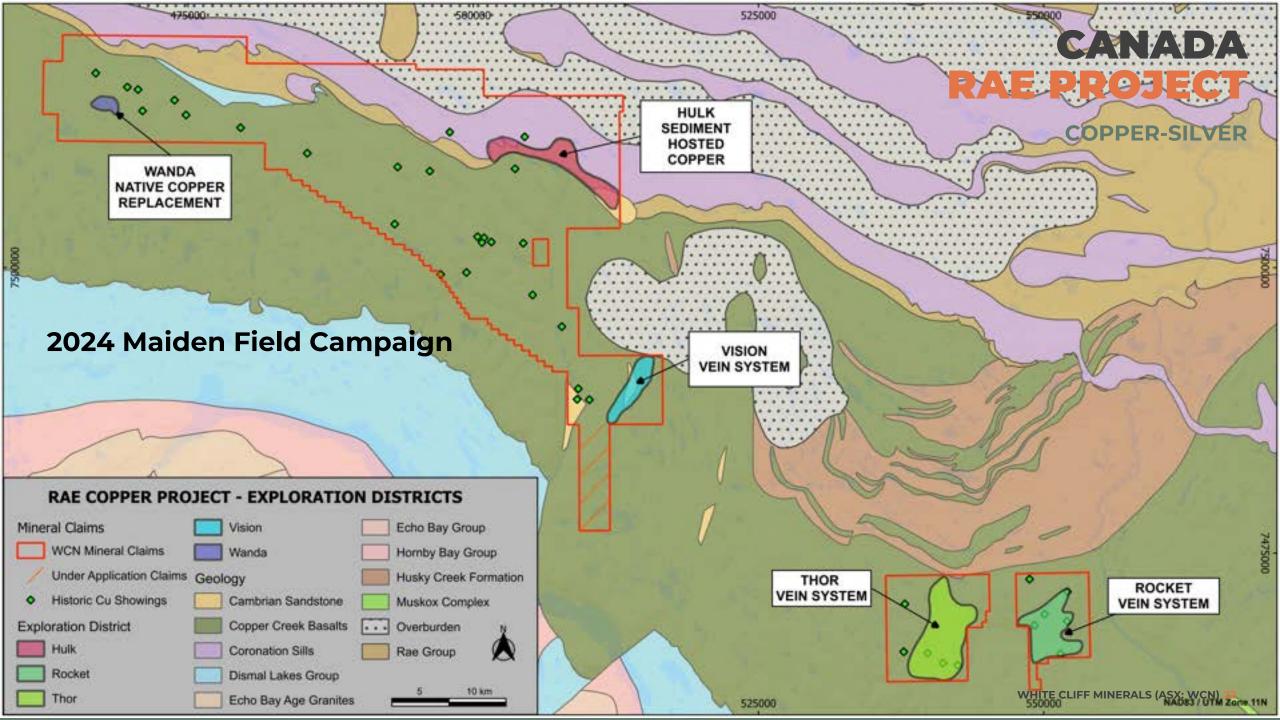
## **Nunavut - Coppermine**

- All first-order controls for a sedimenthosted copper deposit – with a **proof-of**concept historic drilling result
- Right time, right place: Proterozoic Era basins host some of the largest sediment hosted copper deposits
- Well-endowed district: Evidence of copper-fertile hydrothermal fluids is present throughout the project, evidenced by the numerous volcanic hosted showings
- Optionality: High grade volcanic hosted vein and breccia systems with sediment hosted copper potential offers pipeline of drill targets



(Bornite rich massive sulphide from DON target area)

(USGS Sediment-hosted copper deposits of the world, 2007)

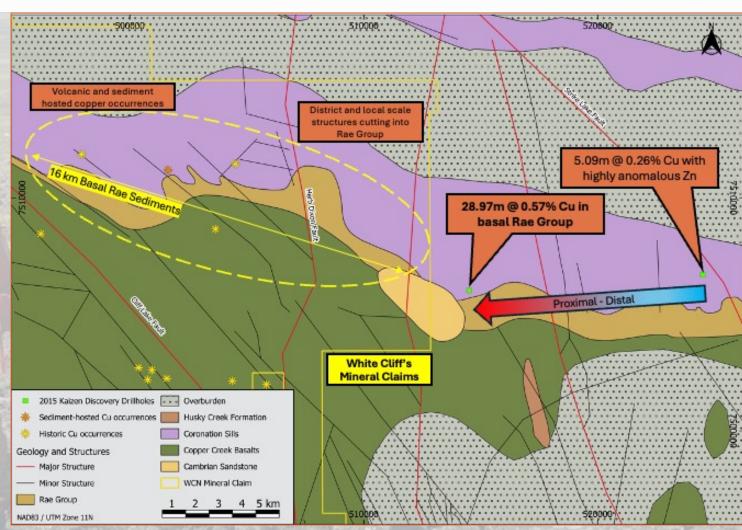


#### **COPPER-SILVER**



### Hulk<sup>1</sup>

- North of Vision area
- 16km strike identified This area has 3 regional faults crossing the unconformable basalt-sediment contact and are associated with volcanic hosted copper mineralisation
- These regional structures are known fluid pathways for copper bearing fluids as they are associated with numerous volcanic-hosted lode copper occurrences
- >48km strike length of basal Rae Group sediments within Company's mineral claims



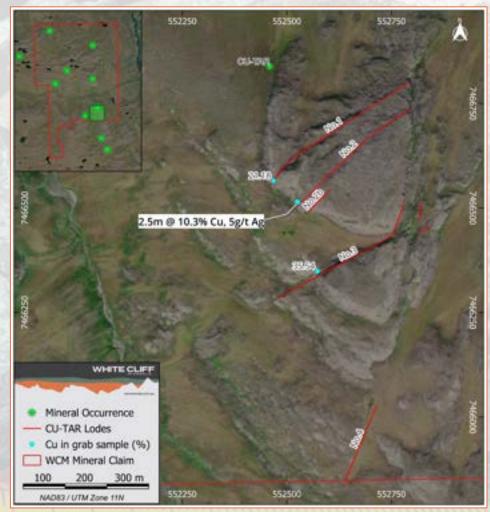
Map of the Hulk Target, map showing interpreted geological structures and highlights the priority volcanic hosted coppersilver targets and extensive other noted occurrences

### **COPPER-SILVER**



### Rocket<sup>1</sup>

- Located in the SE of the Company's mineral claims
- The prospect offers massive potential within NE trending vertical structures cutting the stacked basaltic flows of the Coppermine River Group
- Surface grab sampling by Tundra Copper Corp. in 2013 on lode No.1 and No.3 returned values of 21.18% Cu & 9g/t Ag and 35.54% Cu & 17g/t Ag respectively
- Sampling in 2014, conducted by Tundra Copper Corp. returned 2.5m at
   10.3% Cu and 5g/t Ag from composite rock chip sampling across lode No.
   2.
- Chalcocite dominant veining observed over a ±400m strike length at the Cu-TAR zone. These veins have been sampled along strike until they disappear under shallow cover



Map of the Rocket location with mapped lodes and results of the 2013-2014 sampling conducted by Tundra Copper Corp.

2 2m 3 ( 64 MIT 5 0400 6 CID 7

**COPPER-SILVER** 



### Thor<sup>1</sup>

- Located adjacent to Rocket
- Multiple mineralised vertical structures identified
- Strike extended 400mtrs to more than 800mtr of calcitechalcocite veining and mineralisation has been sampled.
- Fine-medium grained sandstone observed within sheeted chalcocite veining potentially providing pathways between sedimentary structures and then main lode structure



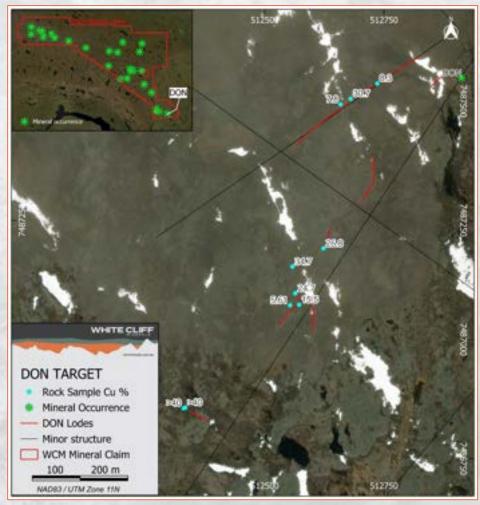
Aerial photograph of the northern extents of the 440 m HALO vein system

#### **COPPER-SILVER**



### Vision<sup>1</sup>

- The target hosts at least 2 vertical quartz-chalcocite veins approximately 8m apart with outcropping strikes that exceed more than 400mtrs with the interpreted host structure continuing under cover further west
- Sampling in 2014 by Tundra Copper Corp. (NUMIN File Reference 086024) returned grab sample results of:
  - 34.7% Cu and 76g/t Ag
  - 26.8% Cu and 26g/t Ag
  - 24.7% Cu and 27g/t Ag
  - 5.61% Cu and 5g/t Ag
- Samples taken on the most northerly quartz-chalcocite-bornite vein (Kaizen Discovery. 2015) had a separation of 88m along strike and returned values of:
  - 30.7% Cu and 194g/t Ag
  - 8.29% Cu and 23g/t Ag
  - 7.84% Cu and 104g/t Ag



Don Prospect - Map of previous sampling completed by Tundra Copper Corp in 2013 and 2014 field programs - Over 800 m prospective strike

## **CANADA PROJECTS**

### **NEWSFLOW & WHATS NEXT**



ASSAY RESULTS

Results of Assays from Rae Cu-Ag to be received

**UPDATES** 

Updates on drilling planning and permits for Great Bear Lake and Nunavut projects

GEOPHYSICS RESULTS

Aerial geophysics - electromagnetic aerial surveys (MobileMT) across the projects results to be received

**PLANNING** 

Planning for follow up field reconnaissance and sampling programs

**DRILLING** 

Drilling plans to be finalised for Great Bear and Rae Projects

**EXPLORATION** 

Ongoing exploration target generation across the Projects

## **WA PROJECTS**

## A refreshed strategy within Western Australia



# Refining the portfolio to two highly prospective projects

Au

#### **REEDY SOUTH GOLD**

- JORC resource of 779,000 tonnes at 1.7 grams per tonne gold for 42,400 ounces gold
- Reedy South is immediately south of Triton/South Emu Mine (ASX: WGX) and features multiple highly prospective walk up drill targets
- Recent drilling demonstrates extensive strike and depth-extensions around the existing inferred 2012 JORC Mineral Resource



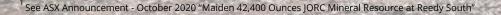




- Bentley is 45 km north of Warburton and 550km east of Laverton
- Area features strong magnetic and gravity anomalies





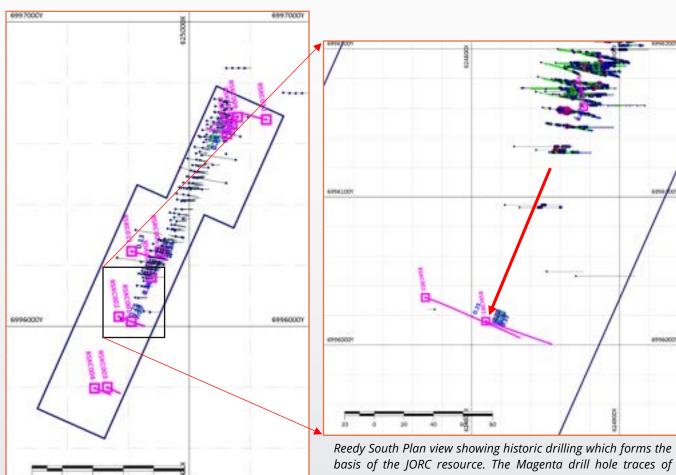


## **WA PROJECTS** GOLD



### **Reedy South**

- Reedy South sits within trucking distance of multiple existing operating gold plants, within this proven Goldfield in Western Australia
- Recent assay results include:
  - o 7m @ 1.12 g/t Au from 92m along strike, due north from the existing resource from drill hole RSKC009
  - 79m @ 1g/t Au from 10m from drill hole RSKC006 (down-dip)
  - o 11m @ 0.53 g/t Au from 209m, ~20mts below the existing resource outline from drill hole RSKC011
  - o 5m @ 0.45 g/t Au from 14m along strike, due south from the existing resource from drill hole RSKC001



recent drill holes with grades evidencing lateral extensions to the existing JORC resource.

<sup>&</sup>lt;sup>1</sup>See ASX Announcement – 12 June 2024 "Large system confirmed at Reedy South Gold Deposit"

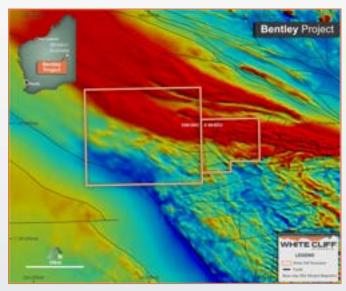
## **WA PROJECTS**

#### **URANIUM-COPPER-GOLD-RARE EARTHS**

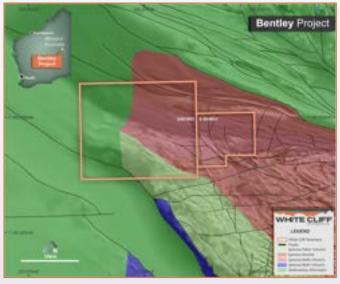


### **Bentley**

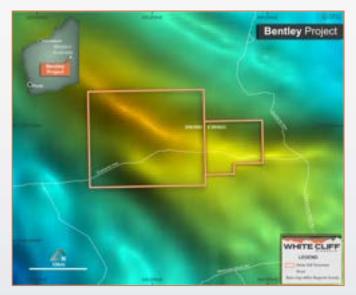
- Gravity anomalies trend in a northwest direction over a distance of approximately 9km and are flanked to the north and south by two major thrust faults which are highly prospective for **IOCG-U** mineral deposits as they share similar characteristics indicative of this type of mineralisation.
- Stakeholder discussions continue to progress on schedule and the Company anticipates the grant of the Exploration Licence in the near future



GSWA regional magnetic data with interpreted structures



GSWA interpreted BASEMENT GEOLOGY AND structures



GSWA REGIONAL GRAVITY DATA

## **Competent Person Statement**



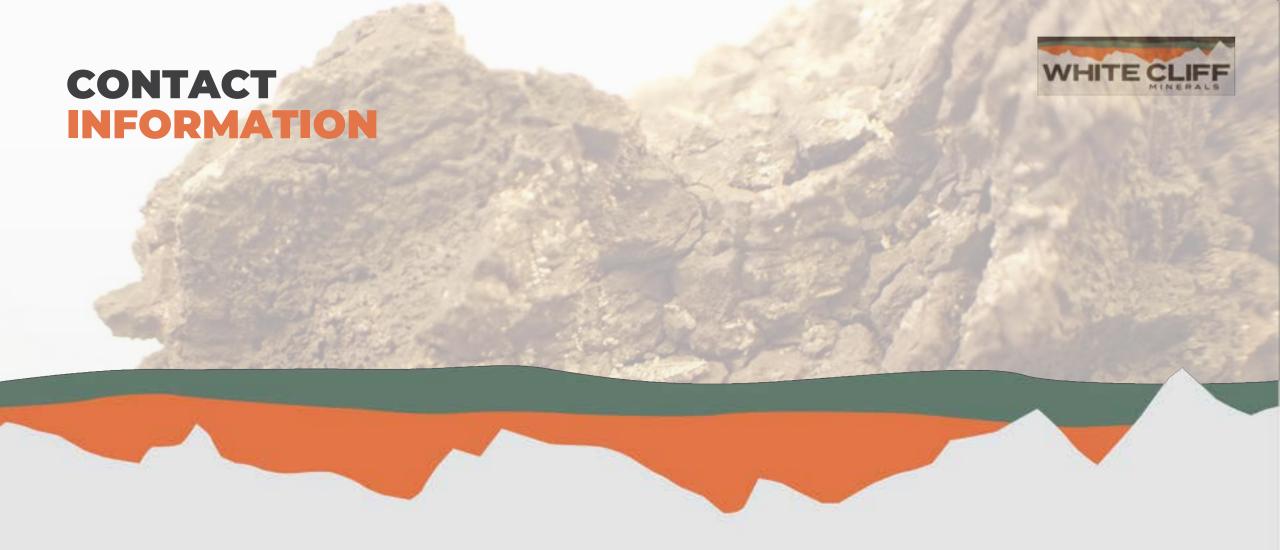


The information contained in this presentation has been prepared by White Cliff Minerals Limited (the Company).

The information in this report that relates to exploration results is based on, and fairly represents information and supporting documentation prepared by Mr Roderick McIllree, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr McIllree is a Director of White Cliff Minerals Limited. Mr McIllree 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 Resource and Ore Reserves". Mr McIllree consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

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

- 27 August 2023 "Bonanza Grade Silver Discovery at the Great Bear Project"
- 20 August 2024 "Great Bear Project delivers further outstanding Copper, Gold & Silver assays"
- 13 August 2024 "Extraordinary Cu, Au & Ag Assays Received at Great Bear"
- 1 August 2024 "WCN Successfully Concludes Maiden Canadian Field Programs"
- 25 July 2024 "Widespread Chalcocite Dominant Vein Systems at Rae Cu-Ag-Au"
- 22 July 2024 "Appointment of Strategic Advisor"
- 18 July 2024 "Further IOCG, Copper & Epithermal Mineralisation Discovered
- 12 July 2024 "IOCG & Epithermal Mineralisation Discovered at Great Bear
- 8 July 2024 "Additional Land Acquired at Nunavut Cu-Ag-Au Project"
- 18 June 2024 "Large System Confirmed at Reedy's Gold Deposit
- 28 May 2024 "Imminent Field Activities for Nunavut Cu-Au-Ag Project"
- 20 May 2024 "Priority Targets Confirmed at Great Bear Lake (Radium Point)"
- 25 March 2024 "Multiple High-Grade Uranium & Copper Targets at Radium Point"
- 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"
- 29 October 2020 "Maiden 42,400 Ounces JORC Mineral Resource at Reedy South"





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