



# SCHRYBURT LAKE REE AND NIOBIUM

JULY 2023

Rare Earths and Critical Minerals  
Investor Webinar

NORTH AMERICA

ASXBIM

BINDI METALS

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### COMPETENT PERSONS STATEMENT

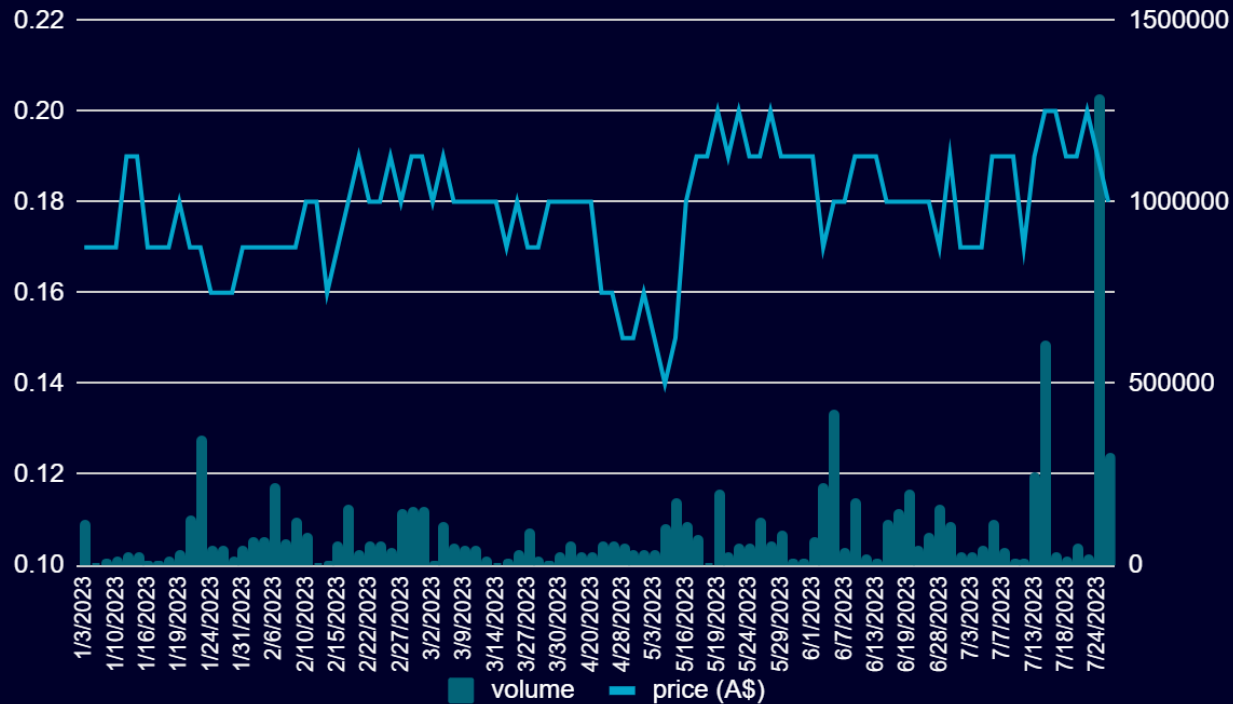
The information in this presentation that relates to Exploration Results is based on information compiled under the supervision of Henry Renou, the Executive Director and Exploration Manager of Bindi Metals Limited. Mr. Renou is a member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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. Renou consents to the inclusion in this announcement of the matters based on his information in the form and context in which they appear

# BINDI METALS

## CORPORATE SNAPSHOT



### BIM SHARE PRICE PERFORMANCE



### CAPITAL STRUCTURE

SHARES ON ISSUE	31.35M
OPTIONS	10.75M
PRICE (25 July 23)	A\$0.19
CASH (31 March)	A\$2.68M
MCAP	A\$5.96M
EV	A\$3.28M

### BOARD AND MANAGEMENT

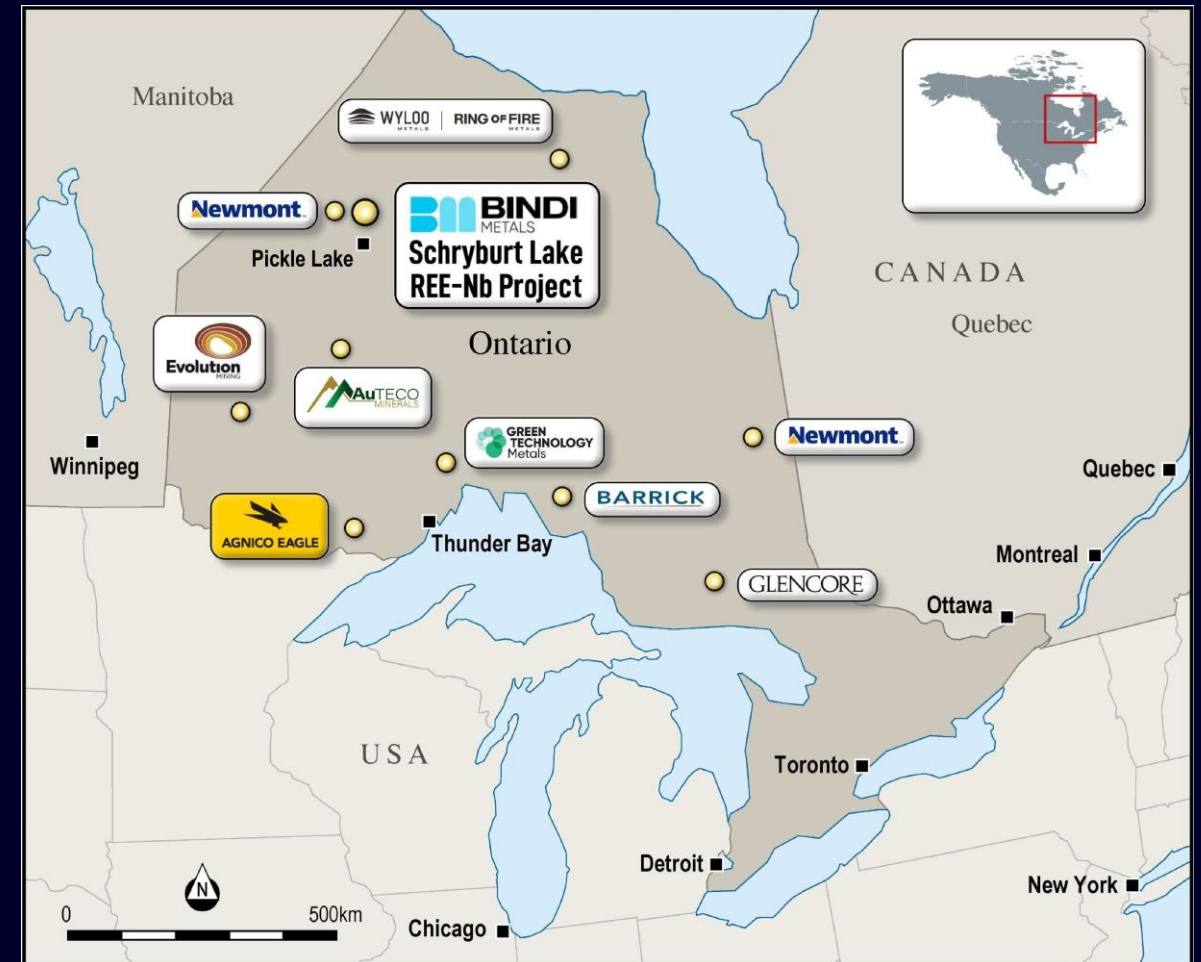
EDDIE KING	Non-Executive Chairman
HENRY RENOU	Executive Director
CAMERON MCLEAN	Non-Executive Director
AIDA TABAKOVIC	Company Secretary
LEO HORN	Technical Advisor

# OVERVIEW

## SCHRYBURT LAKE



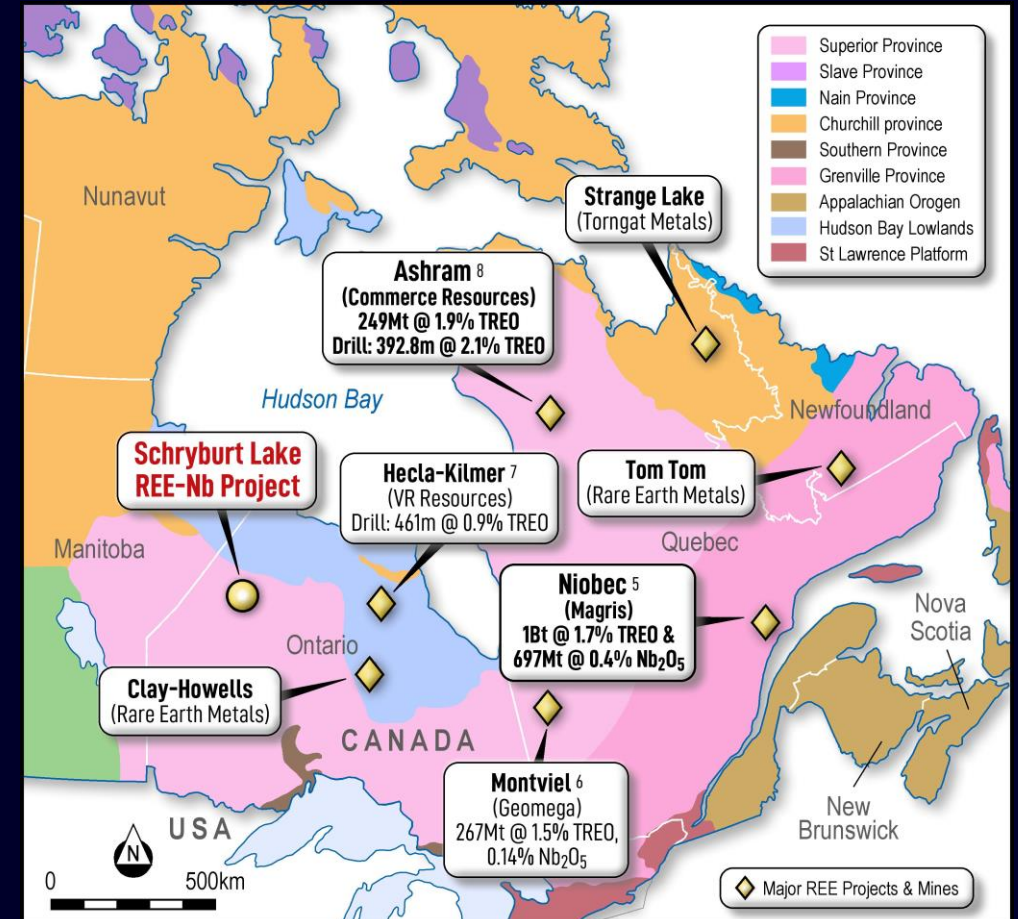
- 100 % Schryburt Lake REE and niobium project
- Carbonatite hosted REE and niobium at surface
- Well positioned next to Newmont's Musselwhite gold mine
- Located near major regional centre Pickle Lake
- Year-round access to project
- Early exploration results demonstrating excellent potential for REE and niobium deposits
- Ontario is a great mining jurisdiction and is host to major producers and explorers



# SCHRYBURT LAKE LOCATED IN WORLD CLASS TERRAIN



- Highly prospective terrain and world class REE and niobium deposits under development or in production
- All carbonatite-hosted deposits
- Canada Government sets \$4B in 2022 budget for “Canada to become a global supplier of choice for critical minerals”<sup>1</sup>
- REE and niobium a critical minerals in Canada
- REE and Niobium ores are critical minerals with a very high supply risk <sup>2</sup>



# SCHRYBURT LAKE DRILL TARGETS

## Blue Jay

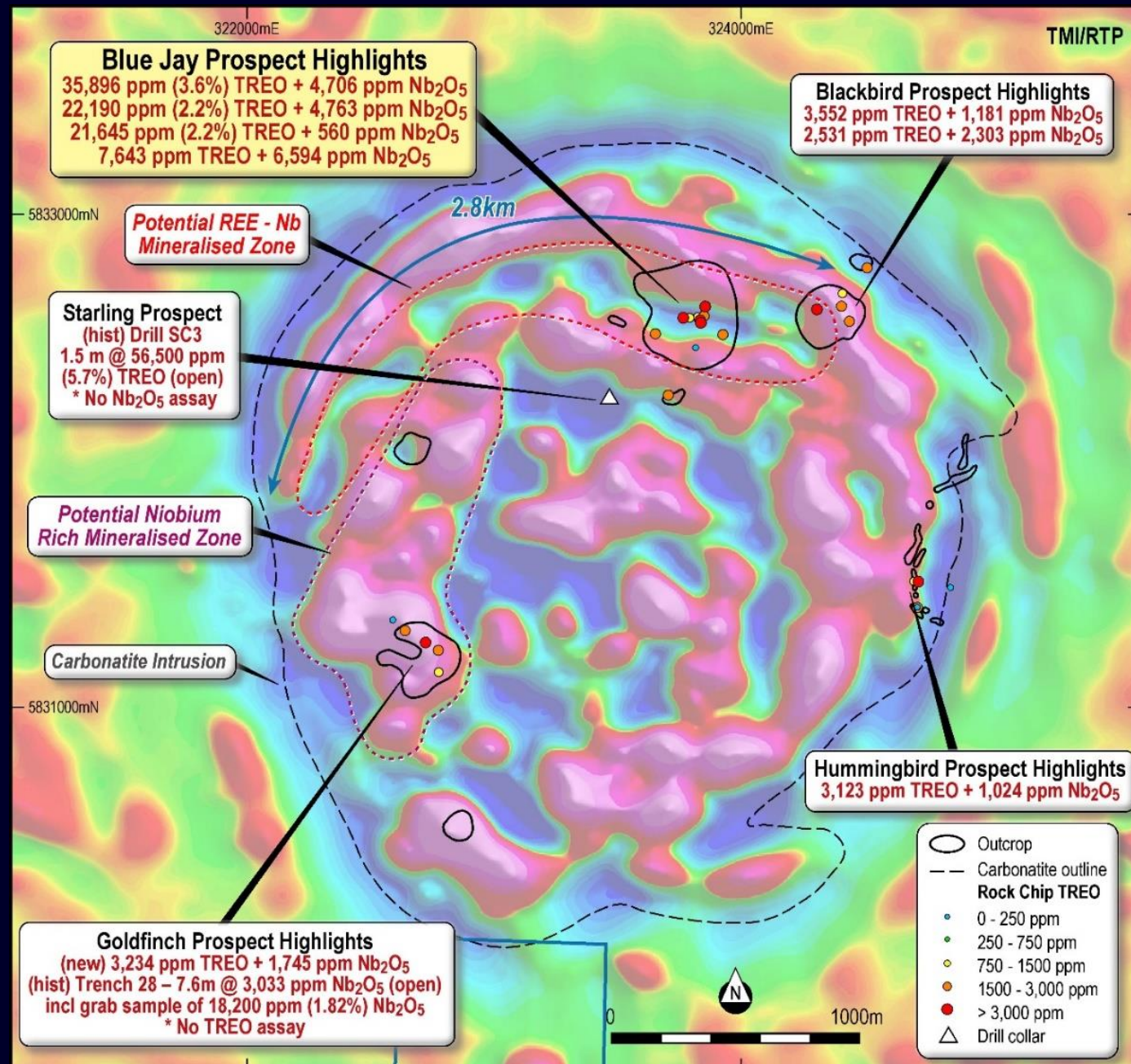
- 2.8 km zone magnetic low and potentially mineralised dyke
- Up to 35,896 ppm (3.6%) TREO and 6,594 ppm (0.7%) Nb<sub>2</sub>O<sub>5</sub> at to surface

## Goldfinch

- 1.5 km magnetic high zone
- Up to 3,234 ppm (0.3%) TREO and 18,200 ppm (1.8%) Nb<sub>2</sub>O<sub>5</sub>
- High NdPr ratio with average 25% plus high Sc (HREE) up to 130 ppm

## Starling

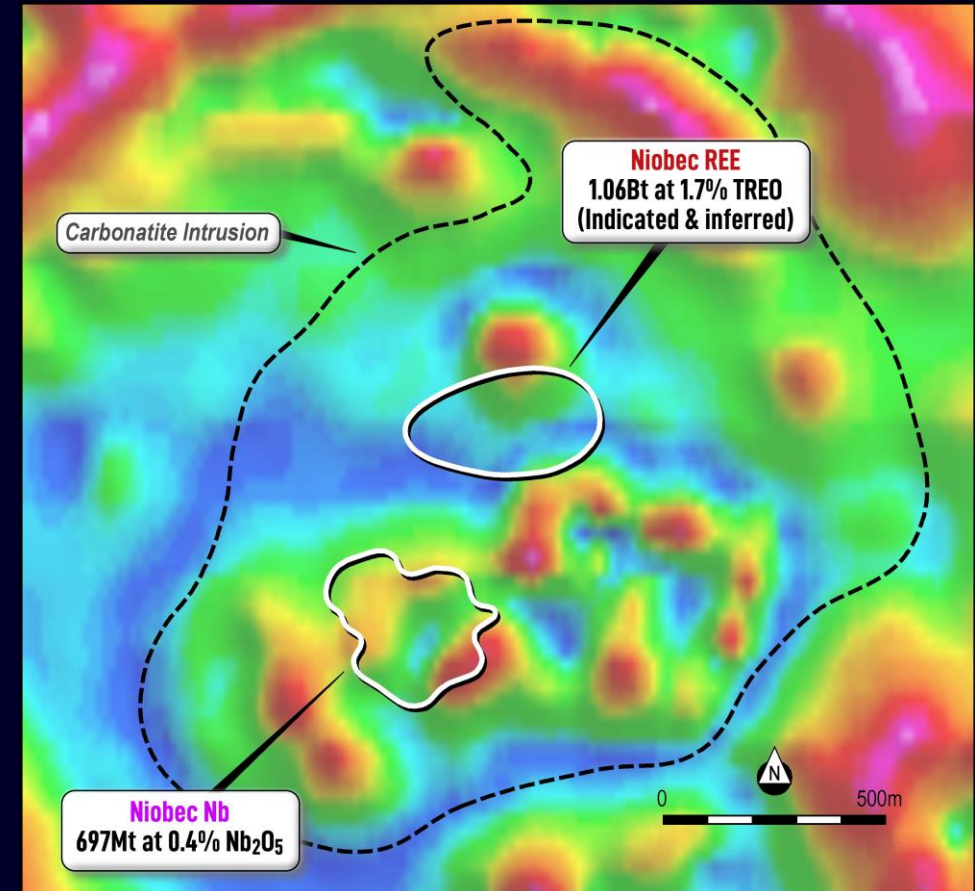
- High grade drill hits up to 56,500 ppm (5.7%) TREO with no Nb<sub>2</sub>O<sub>5</sub> assay
- REE mineralisation intersected in magnetic low zone 800 m by 300 m



# SCHRYBURT LAKE EXPLORATION MODEL LEADS TO DISCOVERY



	Niobec	Schryburt Lake
Magnetic low anomaly	1.1 Bt @ 1.7 % TREO REE deposit is positioned over a magnetic low <sup>4</sup>	High grade REE <i>Blue Jay</i> prospect located over 2.8 km concentric magnetic low  High grade REE <i>Starling</i> prospect located over 800 m magnetic low
Magnetic high anomaly	697 Mt @ 0.4 % Nb <sub>2</sub> O <sub>5</sub> niobium deposit is positioned over a magnetic high <sup>4</sup>	High grade niobium <i>Goldfinch</i> prospect positioned over a 1.5 km magnetic high



# EXPLORATION SCHEDULE

## SUMMER PROGRAM UNDERWAY



	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23
	SUMMER					
Magnetics Survey			✓			
Hyperspectral/ Remote Sensing			✓			
Reconnaissance Rock Sampling			✓			
Drill Permitting				○	○	
Further Surface Sampling					○	
Maiden Drill Program					○	○



35,896 ppm (3.6%) TREO and 4,706 ppm (0.5%) Nb<sub>2</sub>O<sub>5</sub>  
(See ASX BIM Announcement 24 July 2023)





# Thanks.

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ONTARIO  
Canada

**Henry Renou**  
Executive Director



>>> 2023

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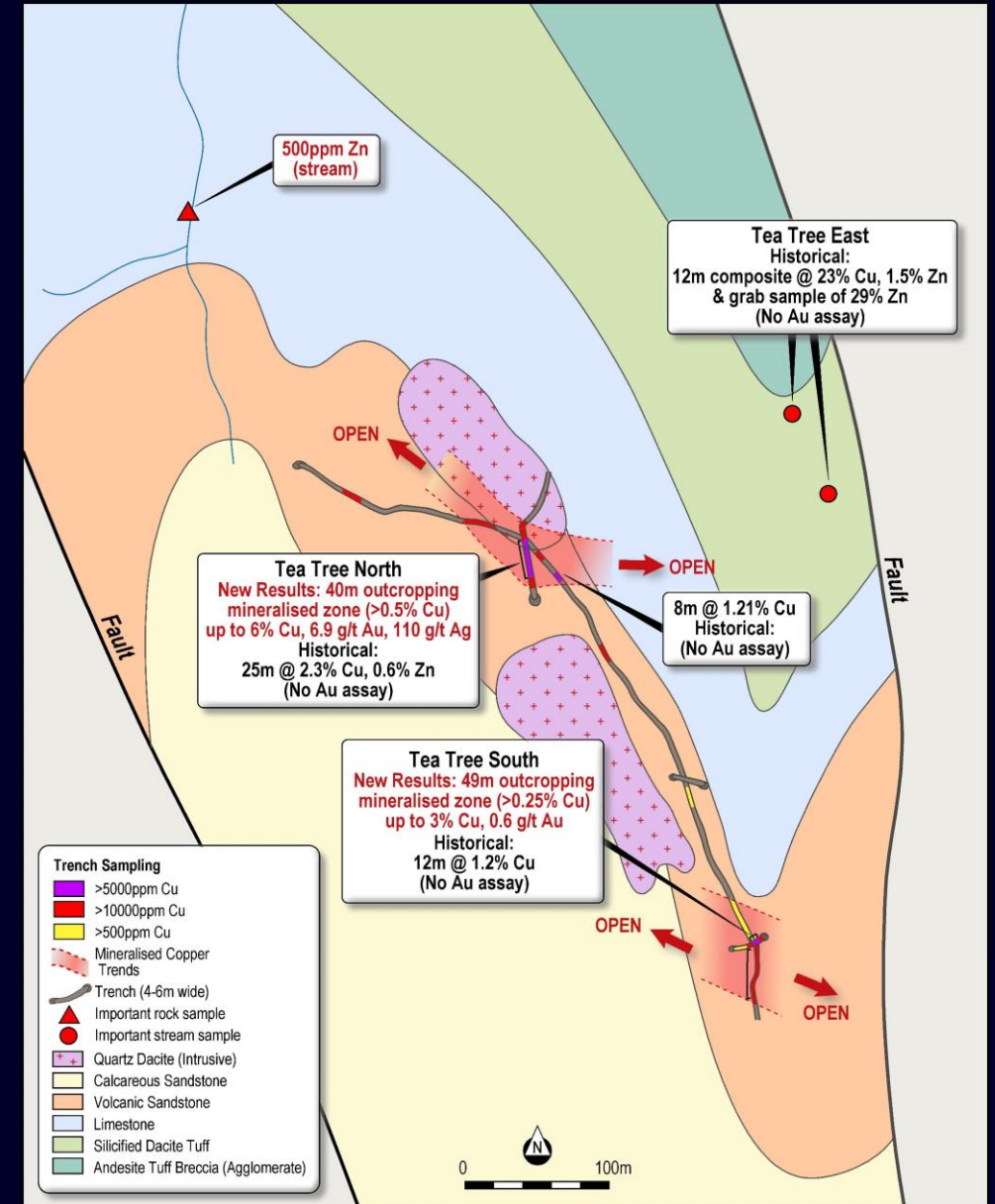
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# APPENDIX

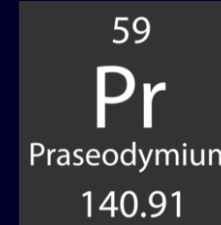
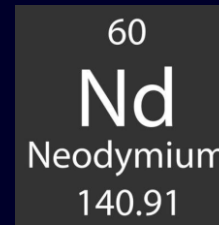
## BILOELA COPPER PROJECT

- New copper-gold discovery at Tea Tree just 17 km north of Flanagan's
- 40m zone of 1.2 % Cu and 0.3 g/t Au in rock samples and up to 6 % Cu and 6.9 g/t Au
- Historical results of 25m @ 2.3 % Cu and 12m @ 1.2 % Cu incl 2m @ 2.7 % Cu in surface trenching
- 12m composite sample of 23.0 % Cu and 1.5 % Zn and grab sample of 29.0 % Zn

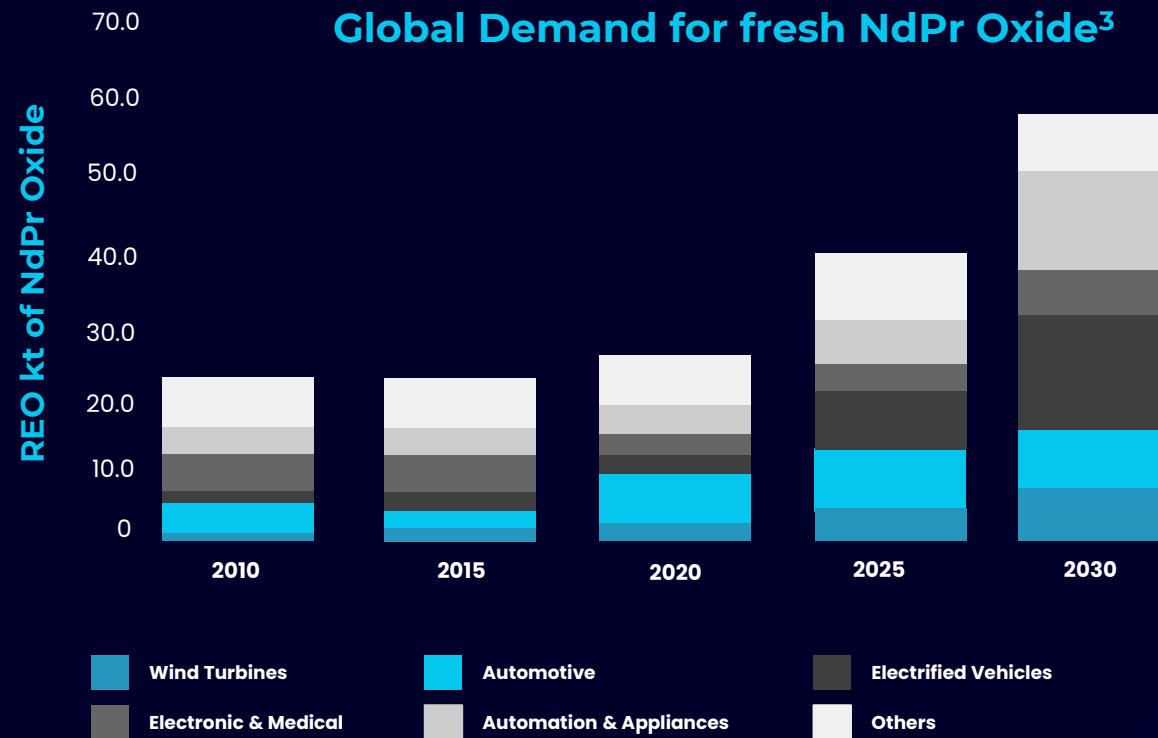


# RARE EARTHS CRITICAL METALS

- Neodymium–Praseodymium (NdPr) are critical to the manufacture of rare earth permanent magnets
- NdPr magnets vital to EV's, wind turbines and green energy technologies
- Market growth for NdPr to double by 2030
- >\$60,000 per ton for rare earth oxide with NdPr



Global Demand for fresh NdPr Oxide<sup>3</sup>

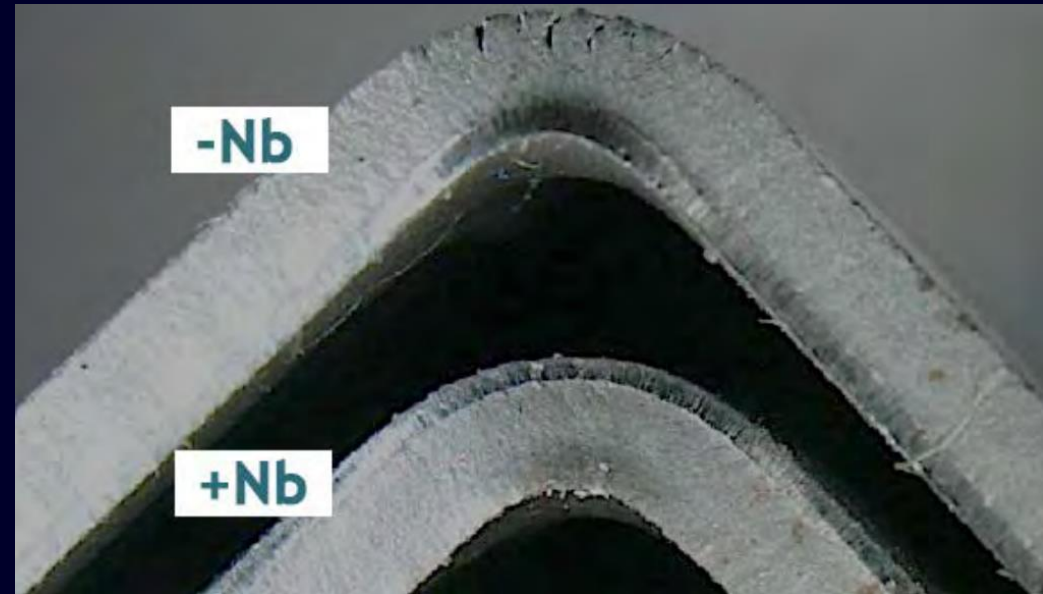


# NIOBIUM CRITICAL METALS

41  
**Nb**  
Niobium  
92.90



- Niobium is a key ingredient for high strength steel alloy and fast charging lithium ion batteries<sup>4</sup>
- High strength steel containing niobium is critical component for green technologies
- Established ferroniobium (FeNb) market accounts for 90% of all niobium consumption globally (FeNb~A\$45,000/t<sup>5</sup>)



4. Industry ARC ([www.industryarc.com/Research/Niobium-Market-Research-509380](http://www.industryarc.com/Research/Niobium-Market-Research-509380))

5. <https://www.metalary.com/niobium-price/> accessed on 25 October 20226. Allied Market Research ([www.alliedmarketresearch.com/press-release/electric-vehicle-market.html](http://www.alliedmarketresearch.com/press-release/electric-vehicle-market.html))