

STRATEGIC METALS FOR THE ENERGY TRANSITION



AN EMERGING EXPLORATION AND DEVELOPMENT COMPANY

MAY 2024

TSXV AIR OTCQB CLRMF FRA CKU | CLEANAIRMETALS.CA

FORWARD-LOOKING STATEMENT

Information set forth in this presentation may contain forward-looking statements. Forward-looking statements are statements that relate to future, not past events. In this context, forward-looking statements often address a company's expected future business and financial performance, and often contain words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, risks associated with project development; the need for additional financing; operational risks associated with mining and mineral processing; fluctuations in commodity prices; title matters; environmental liability claims and insurance; reliance on key personnel; the absence of dividends; competition; dilution; the volatility of our common share price and volume; and tax consequences to U.S. Shareholders. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made and the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change. Investors are cautioned against attributing undue certainty to forward-looking statements.

Mike Garbutt, P.Eng. a Qualified Person under NI 43-101, has reviewed and approved dissemination of the technical content herein.



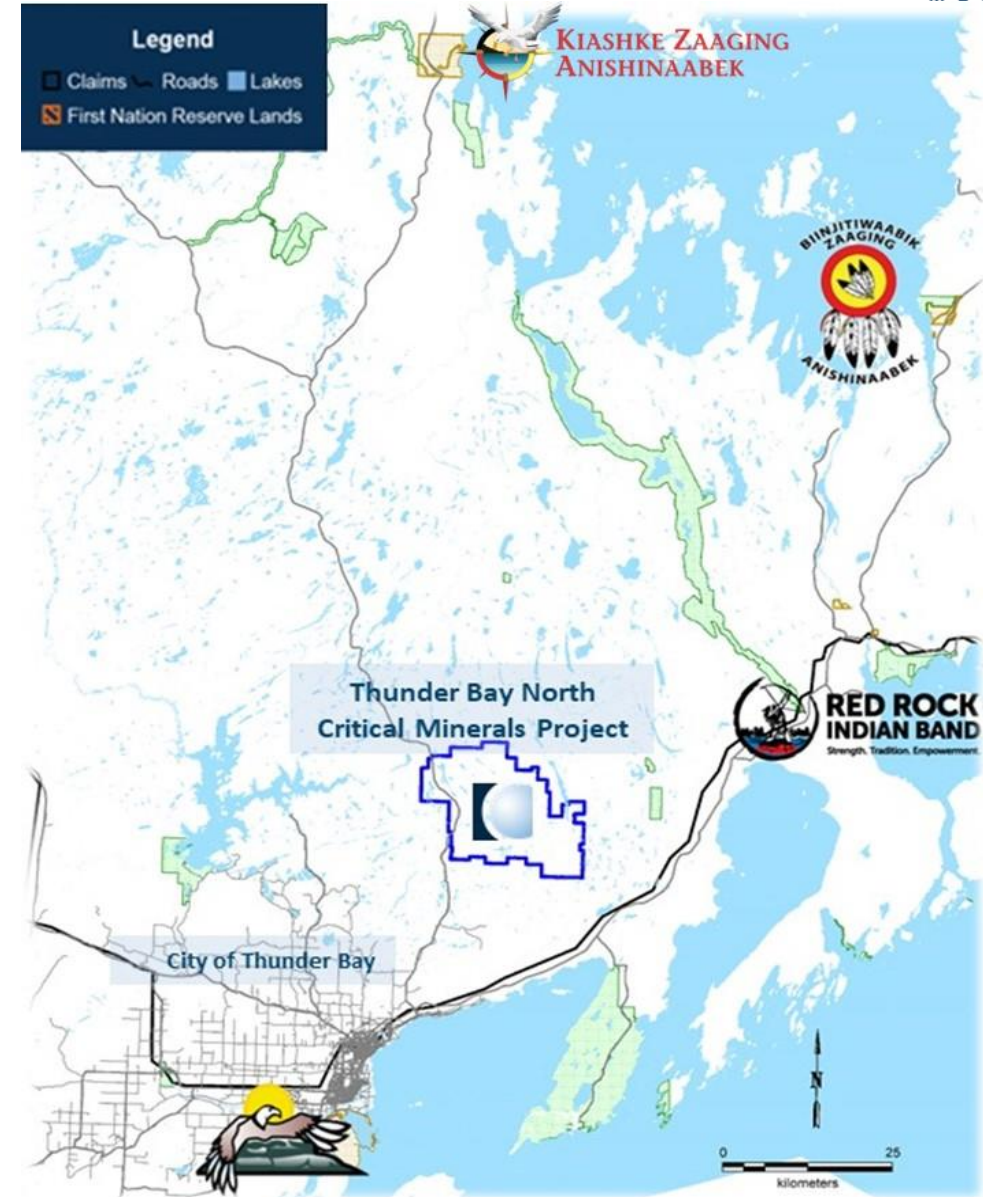
LAND ACKNOWLEDGMENT

Clean Air Metals Inc. and its wholly owned subsidiary Panoramic PGMs (Canada) Ltd. acknowledge that the Thunder Bay North Critical Minerals Project is located within the area encompassed by the Robinson-Superior Treaty of 1850, and includes the territories of the **Fort William First Nation, Red Rock Indian Band, Biinjitiwabik Zaaging Anishinabek and Kiashke Zaaging Anishinaabek**. Clean Air Metals also acknowledges the contributions of the Métis Nation of Ontario, Region 2 and the Red Sky Métis Independent Nation to the rich history of our area.

The Company appreciates the opportunity to work in these territories and remains committed to the recognition and respect of those who have lived, traveled, and gathered on the lands since time immemorial. Clean Air Metals is committed to stewarding Indigenous heritage and remains committed to building, fostering and encouraging a respectful relationship with First Nations, Métis and Inuit peoples based upon principles of mutual trust, respect, reciprocity and collaboration in the spirit of reconciliation.

Important relationship milestones and future outlook

- MOU and warrants 2021
- Exploration agreement 2022
- Interest in future Equity Ownership?

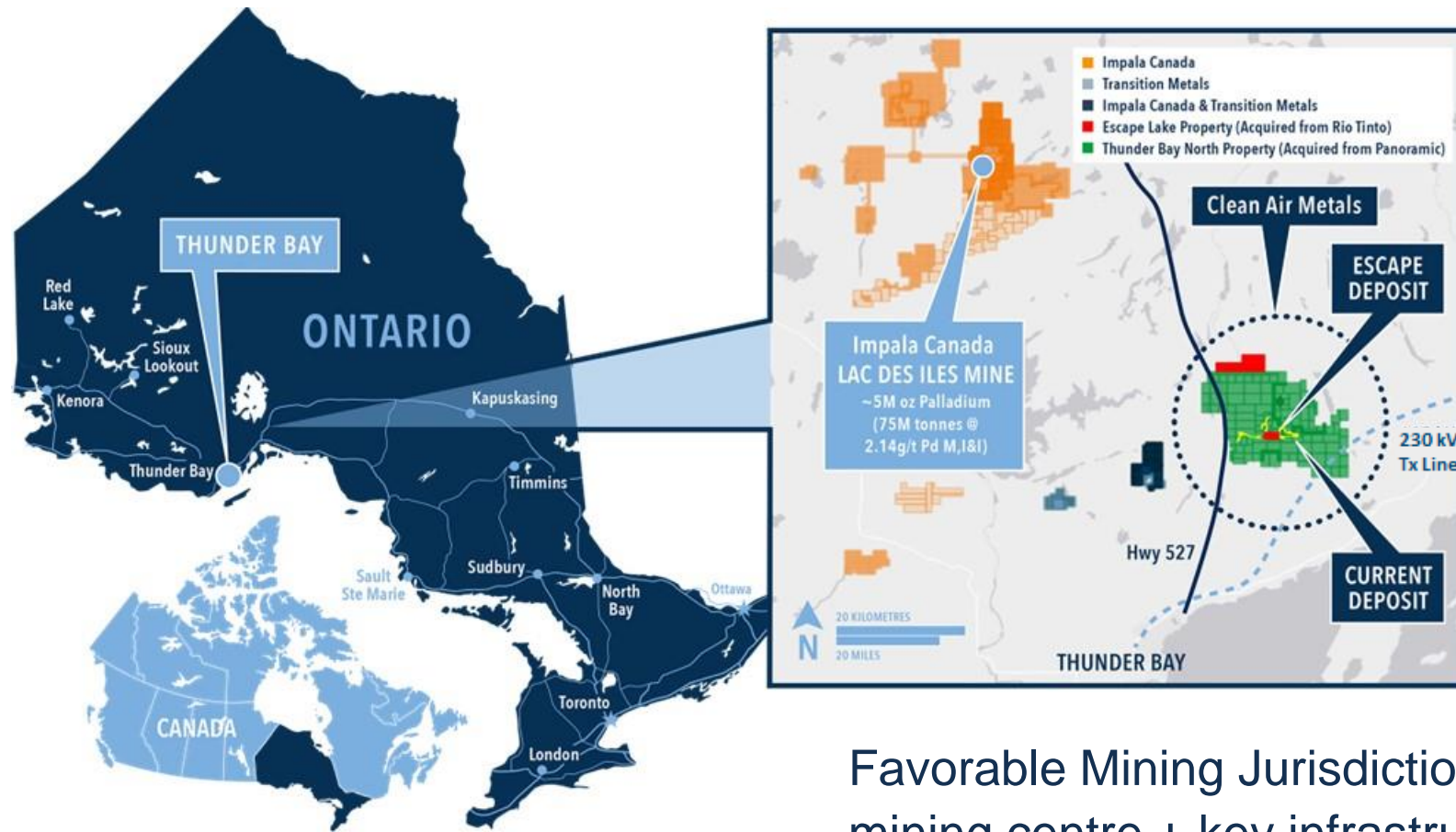


WHY INVEST IN CLEAN AIR METALS?

- ✓ A rare primary platinum deposit outside of South Africa
- ✓ 14 Mt indicated resource. 2.4M oz Pt eq oz and open down plunge
- ✓ Stable jurisdiction, infrastructure on our doorstep with advanced technical work = Low Risk project
- ✓ Exposure to PGE and copper market growth
- ✓ Value creation through resource growth and acquisition



CORNERSTONE ASSET: THUNDER BAY NORTH PROJECT



- 40 km North of Thunder Bay
- 65 km South of Lac des Iles Mine
- Paved provincial Hwy thru NW corner of claims
- 230 KVA tx line through SE corner of claims
- Natural Gas 20 km north of project site

Favorable Mining Jurisdiction + proximity to major mining centre + key infrastructure on doorstep
= **Low Risk**



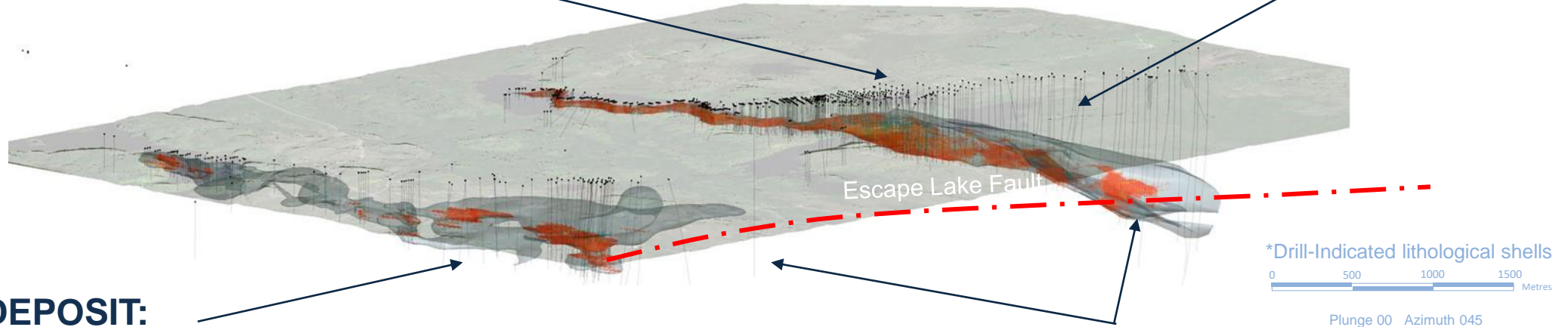
NEAR SURFACE, TWIN MAGMA CONDUIT SYSTEM OPEN AT DEPTH

**NI 43-101 resource filed for both deposits June 19th, 2023

CURRENT DEPOSIT:

8Mt Indicated @2.7 g/t Pt+Pd, 0.33% Cu, 0.22% Ni

Well-defined with greater than 200,000 metres of drilling completed between 2007 and 2023 on both deposits.



ESCAPE DEPOSIT:

5.8 Mt Indicated @2.6 g/t Pt+Pd, 0.52% Cu, 0.28% Ni

Feeder Zone highlights exploration upside

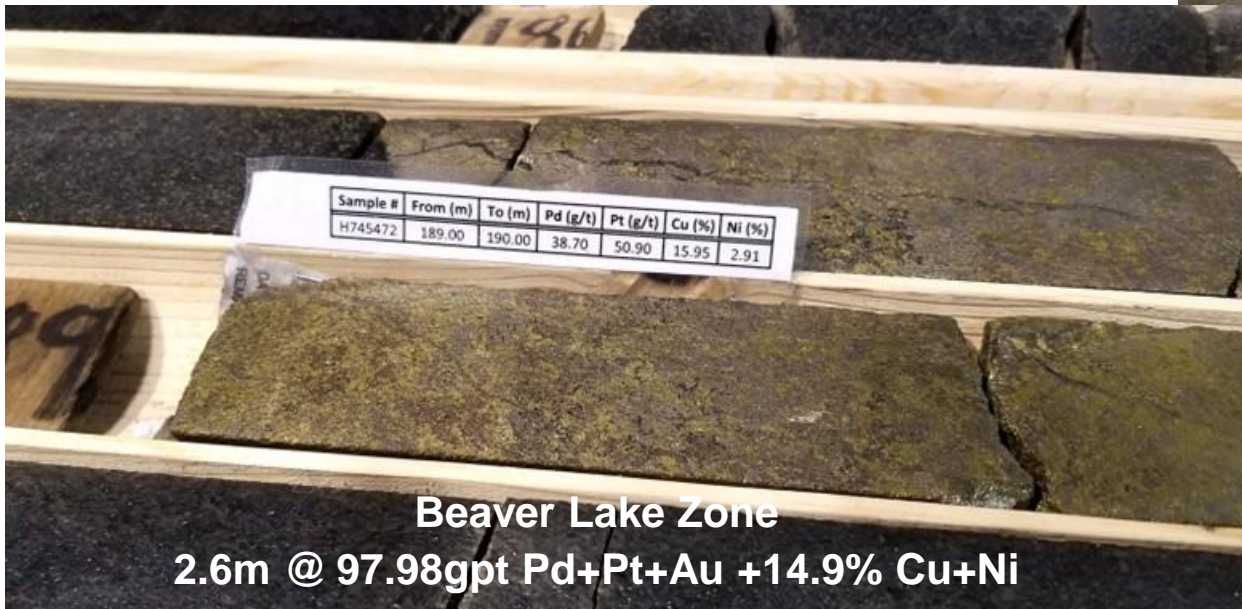
Thunder Bay North Project Indicated Resource of 13.8 M tonnes with over 2.4 M Pt Equivalent oz



HIGH-GRADE MINERALIZATION IN MASSIVE SULPHIDES

Both intrusions host distinct zones of massive sulphides with impressive PGE, Cu and Ni grades

MASSIVE SULPHIDES IN CURRENT DEPOSIT (HOLE BL10-197)



Beaver Lake Zone
2.6m @ 97.98gpt Pd+Pt+Au +14.9% Cu+Ni

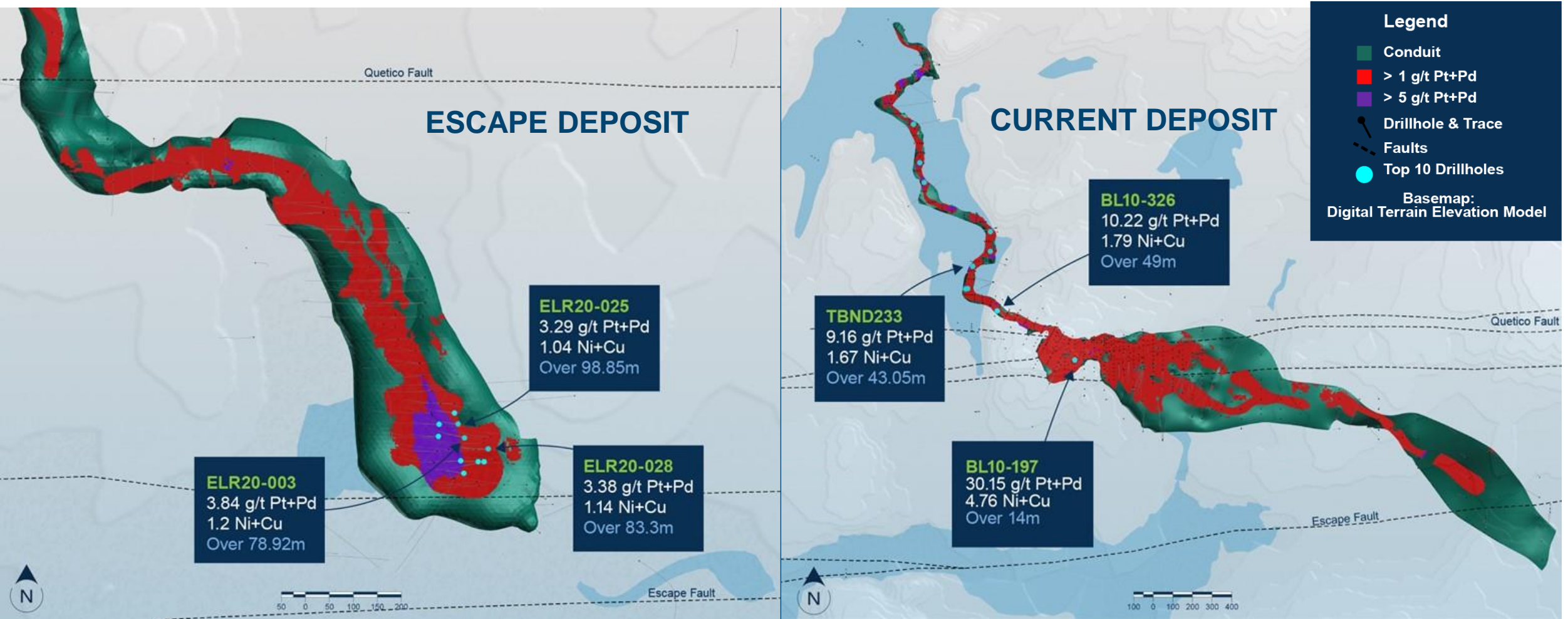


Escape South Zone
0.7m @ 20.5gpt Pd+Pt+Au +7.3% Cu+Ni

MASSIVE SULPHIDES IN ESCAPE DEPOSIT (HOLE ELR21-041)

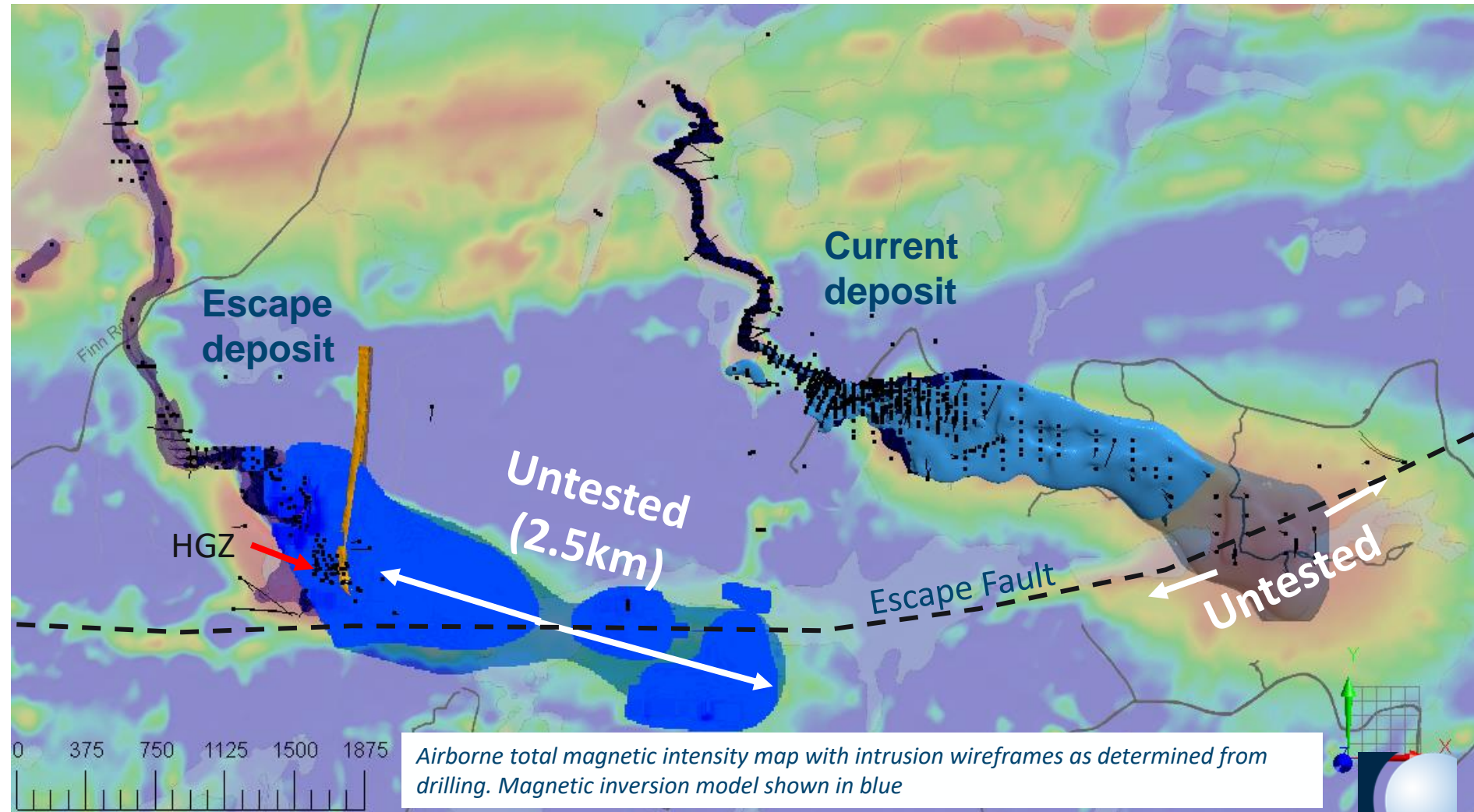


SIGNIFICANT INTERSECTIONS – THICKNESS AND GRADE



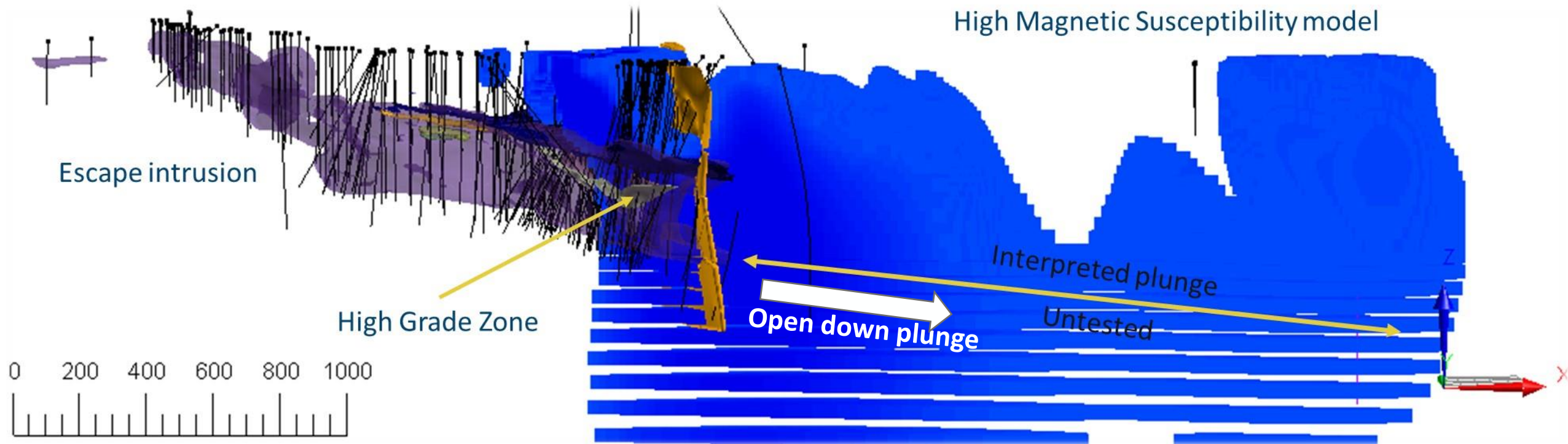
DOWN PLUNGE EXPLORATION & FUTURE RESOURCE EXPANSION

- Both deposits open at depth and across the Escape Fault
- Significant magnetic anomaly extending to depth to SE of Escape High Grade Zone (HGZ).
- We know the systems can produce massive sulphides.



ESCAPE DEPOSIT DOWN PLUNGE WITH UNTESTED ANOMALY

Long section through Escape chonolith as defined by drilling with HGZ shown. Magnetic inversion model shown on right hand side in blue. Looking NE.



- Magnetic inversion estimates base at ~1100m
- Dynamic magma flow rock types: peridotite & red hybrid as observed in mineralizing environment in both Current and Escape chonoliths identified in ELR20-034 @ ~550m



PLATINUM'S CRITICAL ROLE IN THE GREEN ECONOMY

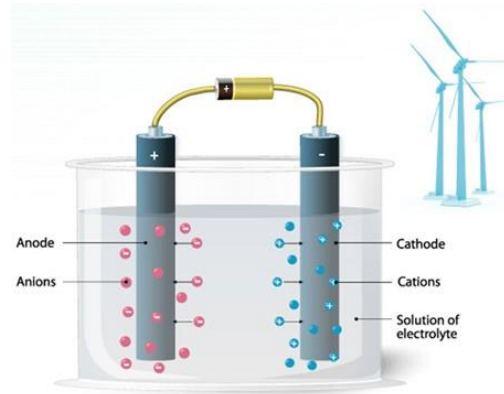
We strongly believe in the potential of a metals supercycle in PGEs and copper.

HYDROGEN ECONOMY

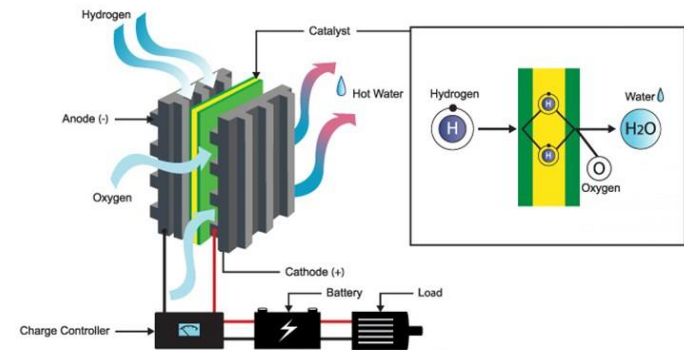
Automobiles only account for 10% of global CO2 loadings. Need alternatives to battery technology for electricity generation, transportation and heavy industry.



H²



PGE coating (Pt/Pd) on anodes and cathodes



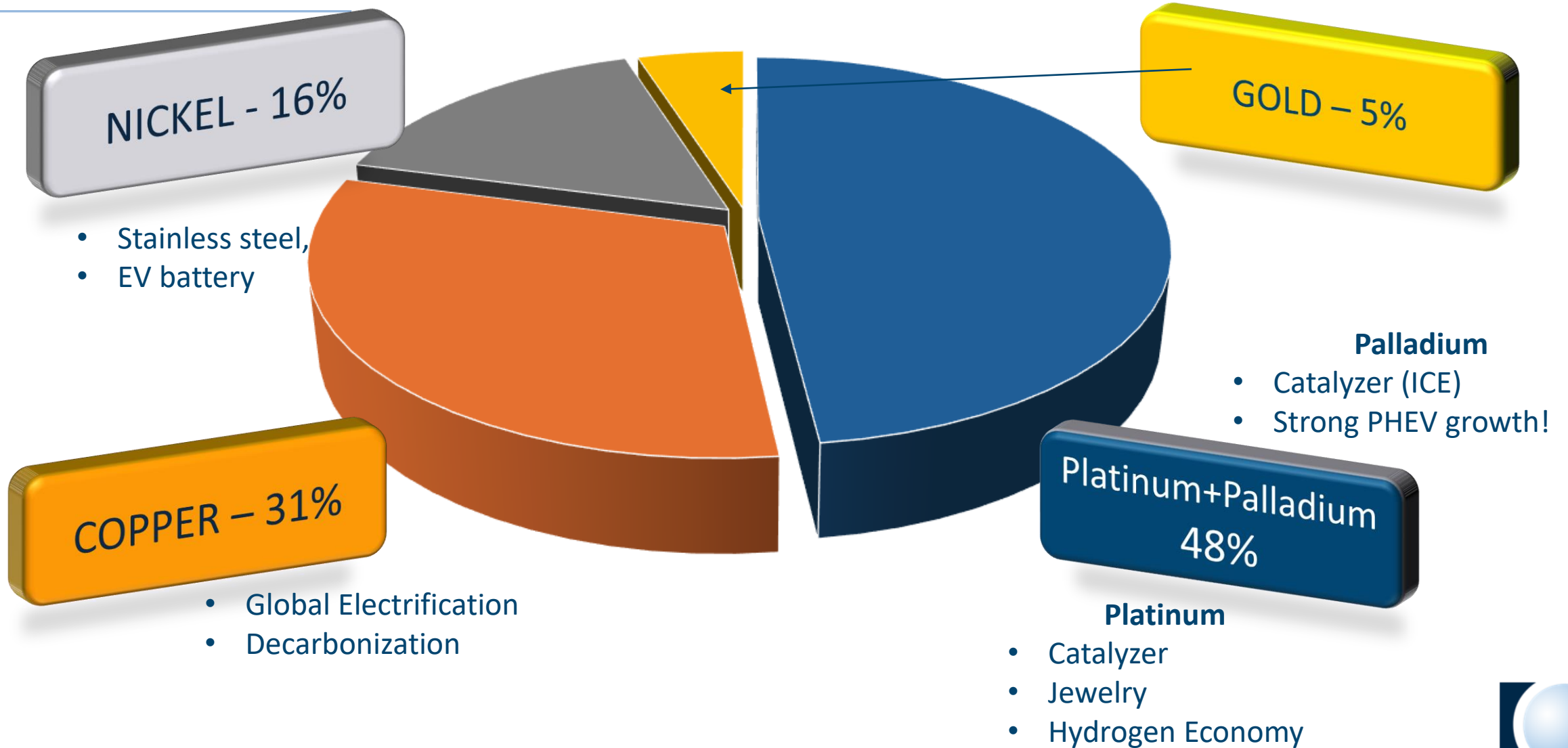
PGE membrane (Pt) catalysts in Fuel Cell membranes

Hydrogen has greater energy density than current energy use in heavy industry and transportation.

Only 6 million ounces of Pt mined each year, 75% from South Africa.



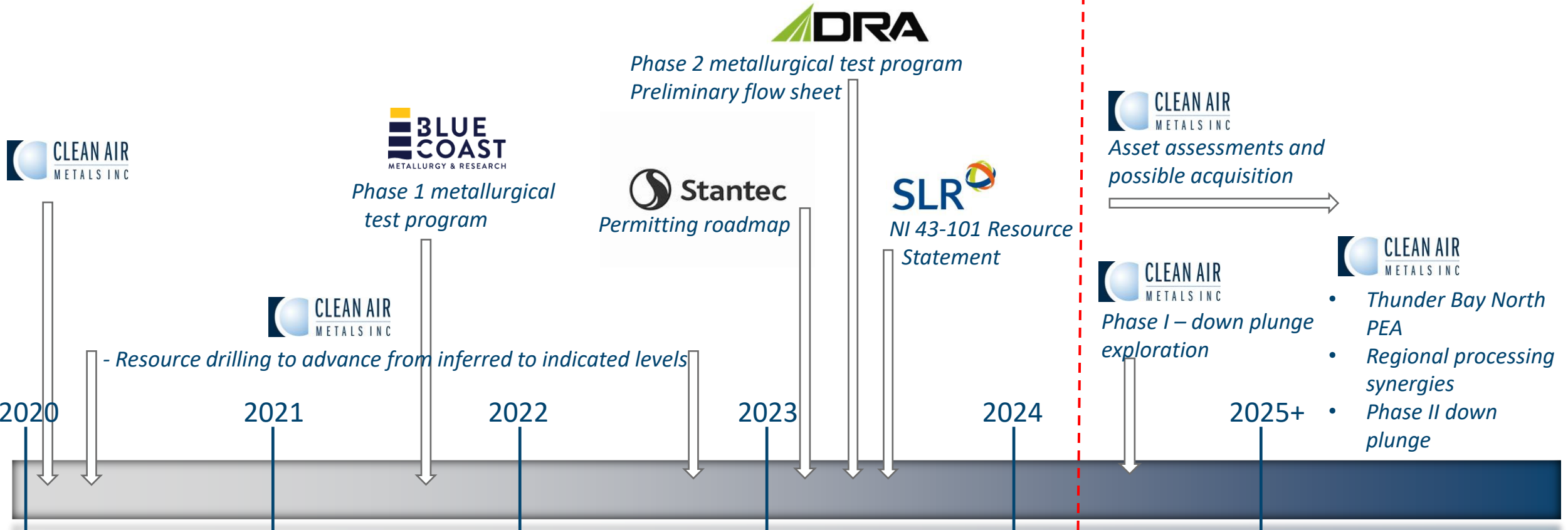
VALUE DRIVERS AT THUNDER BAY NORTH



SIGNIFICANT TECHNICAL ADVANCEMENTS IN THE LAST FOUR YEARS

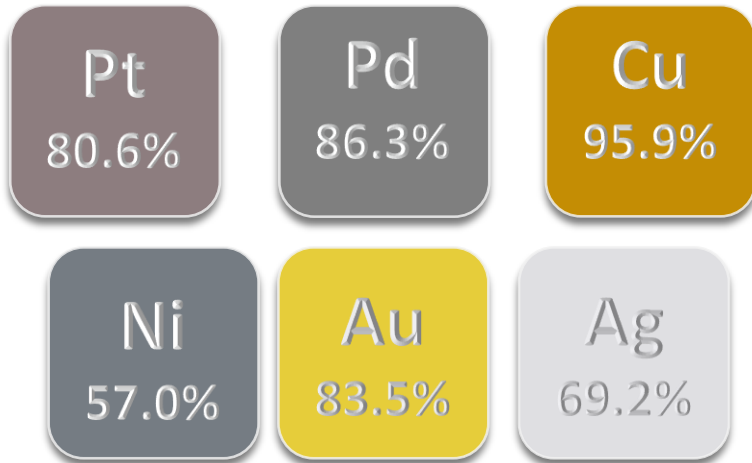


Continuation of environmental baseline data collection and studies

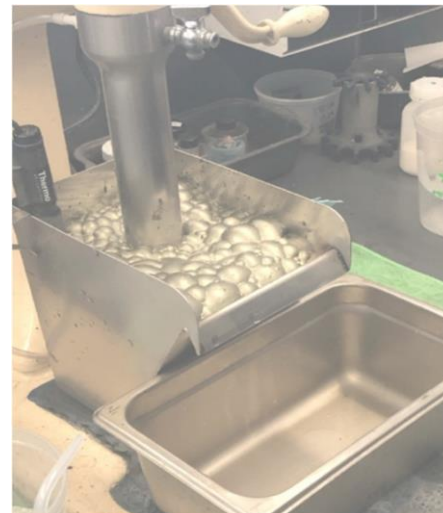
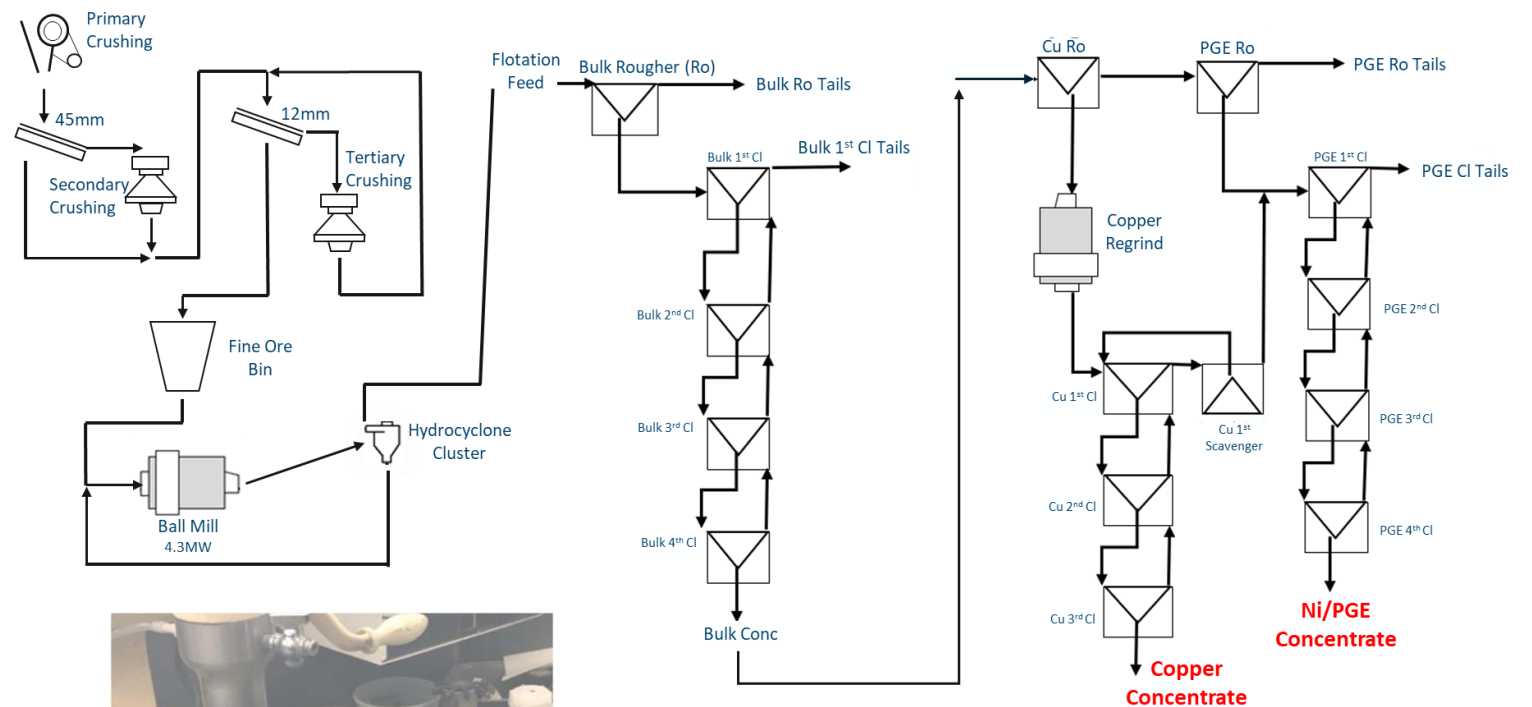


PFS-LEVEL METALLURGICAL TESTING COMPLETED

- Two saleable concentrates with indicative terms from domestic and international smelters.
- 6 payable metals.



High recoveries with conventional flotation in a simple flow sheet

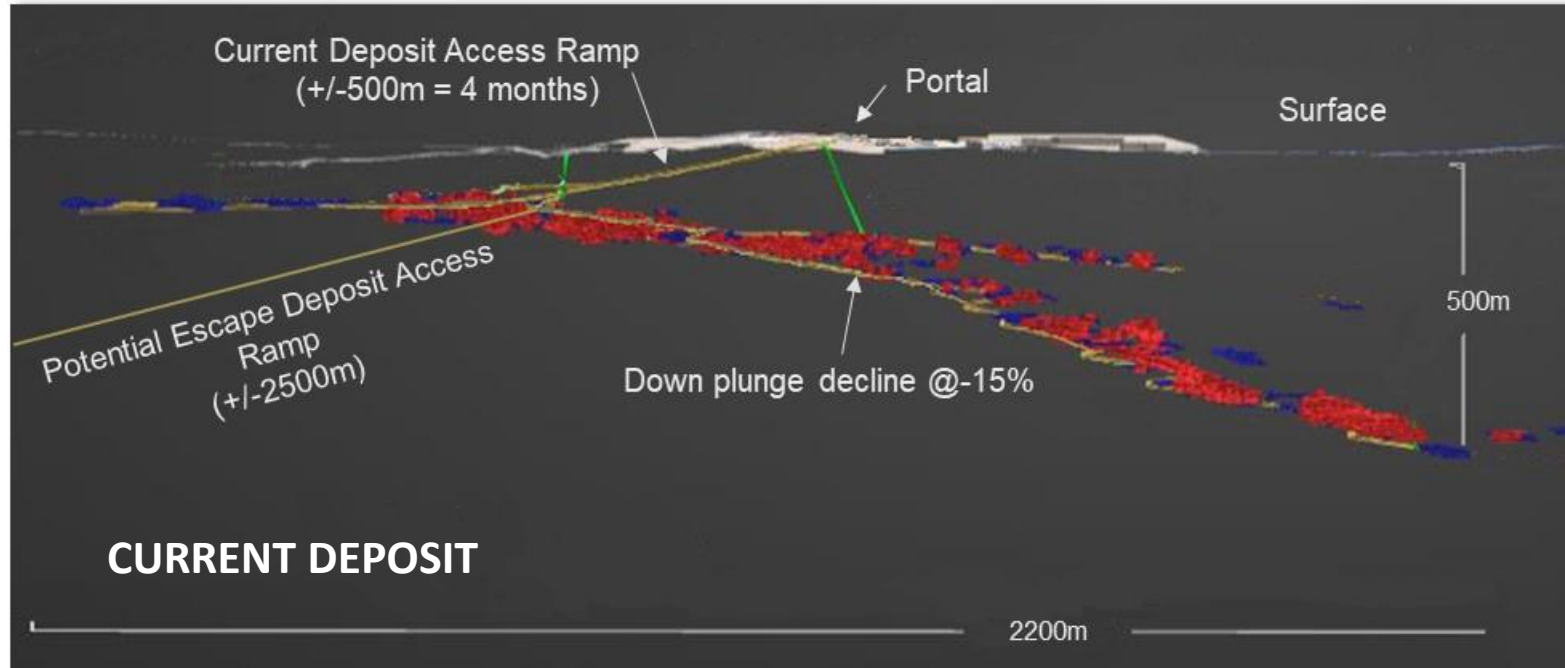


Copper concentrate grading
22.4% Cu + 40g/t Pt+Pd

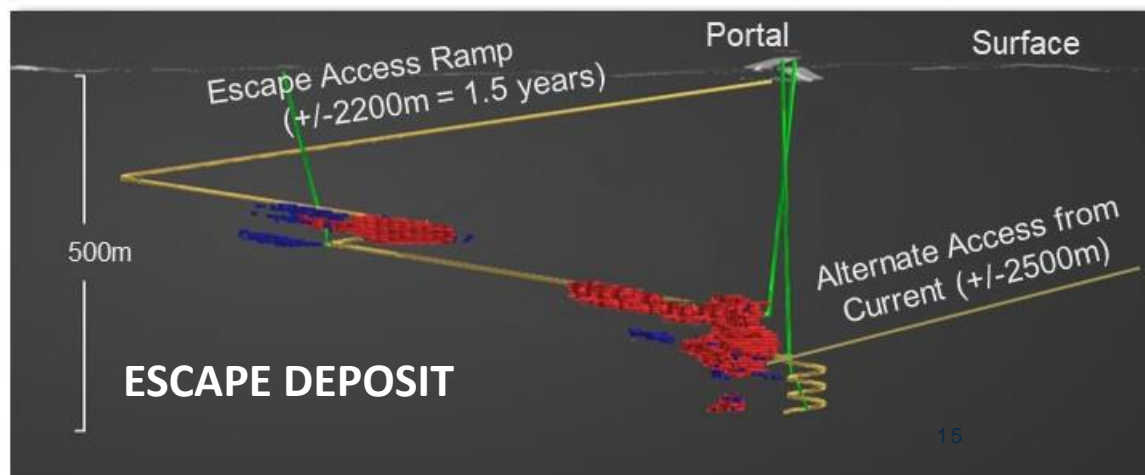
PGE concentrate grading
over 53 g/t Pt+Pd + >4% Ni



POTENTIAL MINING OPERATION – SIMPLE, LOW RISK ACCESS



- Early Access to Current Deposit
- Approximately 4 months of development to reach the Current deposit.
- Simple, highly executable design with rapid ramp-up.



- Access to the Escape deposit can be via Current development to minimize surface footprint
- A second portal at Escape and independent ramp is another viable option



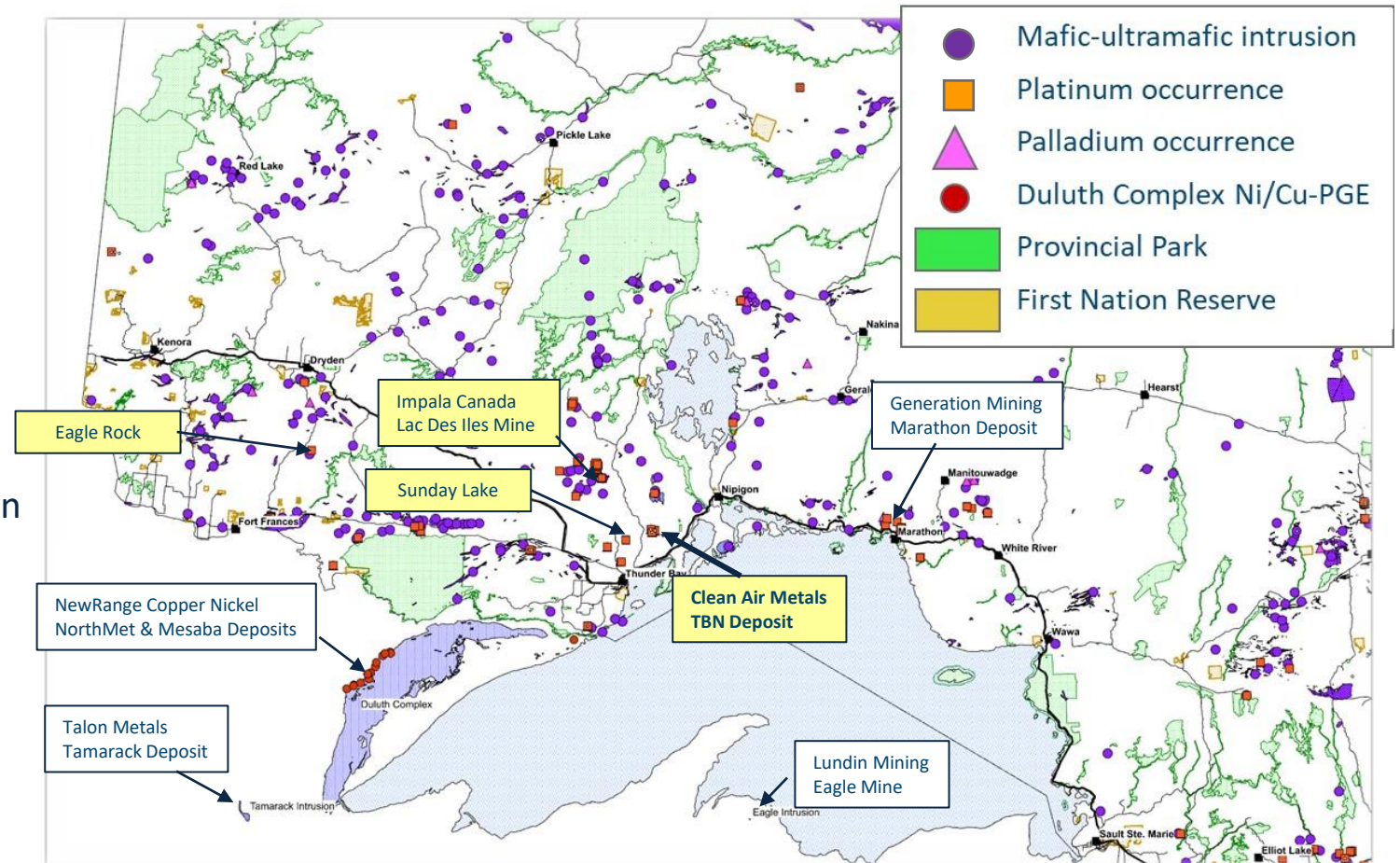
GROWING OUR ASSET BASE IN ONTARIO

Turning Adversity to Opportunity

- Metal pricing downturn and weakening investor sentiment have resulted in **stagnated base metal projects** and placing junior explorers under financial stress.
- Resultantly **Cu/Ni & PGE assets are available** with exposure to upside in metal pricing, resource expansion through modern exploration and alternative mining and processing.

Potential on our doorstep

- Brownfields to Greenfields opportunities
- Prospector finds.
- Past producing mines
- Application of new geology/geophysics
- Updated geological models



Map of NW Ontario displaying prospective mafic ultramafic intrusions and known Pt & Pd occurrences. Advanced Ni-Cu-PGE projects in Ontario and Minnesota are labelled.



STRONG LEADERSHIP TEAM WITH RECORD OF SUCCESS



JIM GALLAGHER, P.ENG
CHIEF EXECUTIVE OFFICER

Former CEO of North American Palladium (TSX:PDL), operator of the Lac Des Iles mine. Sold PDL to Impala Platinum Holdings (JSE:IMP) in December 2019 for approximately \$1 Billion.



MIKE GARBUTT, P.ENG, MBA
CHIEF OPERATING OFFICER

Former Deputy General Manager of IAMGOLD (XTSE:IMG) at the Côté Gold Project and General Manager, Sudbury at KGHM (KGH:WSE).



LIONNEL DJON, PhD, EMBA, P.GEO
VICE PRESIDENT EXPLORATION

>15 years of experience in mineral exploration and project management with a track record of success. Led the exploration team at Impala Canada and was instrumental in increasing the Lac des Iles Mine mineral resources with discoveries at depth and adjacent to the deposit.



KRIS TUUTTILA, P.GEO (LIMITED)
VP SUSTAINABILITY AND COMMUNITY RELATIONS

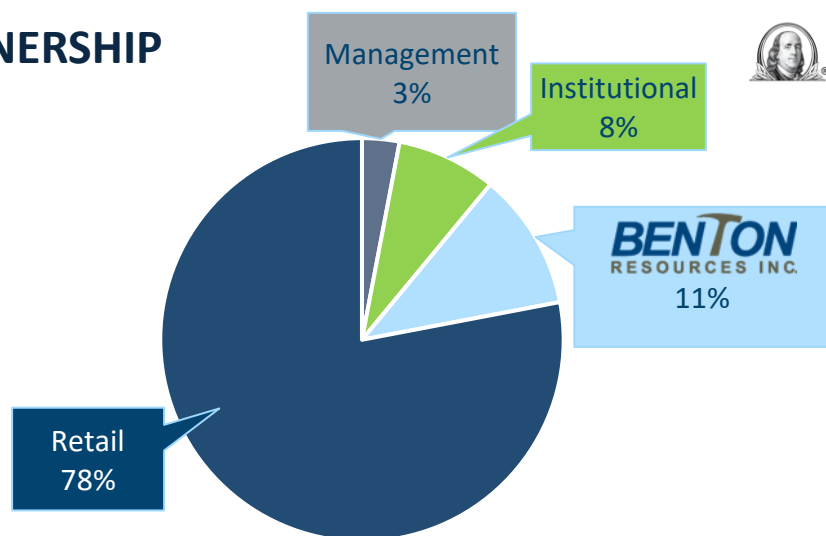
20 years of experience directing multidisciplinary environmental projects and impact assessments related to mine development in Northern Ontario. Instrumental in developing meaningful relationship with Indigenous communities leading to partnership agreements.



CAPITAL STRUCTURE

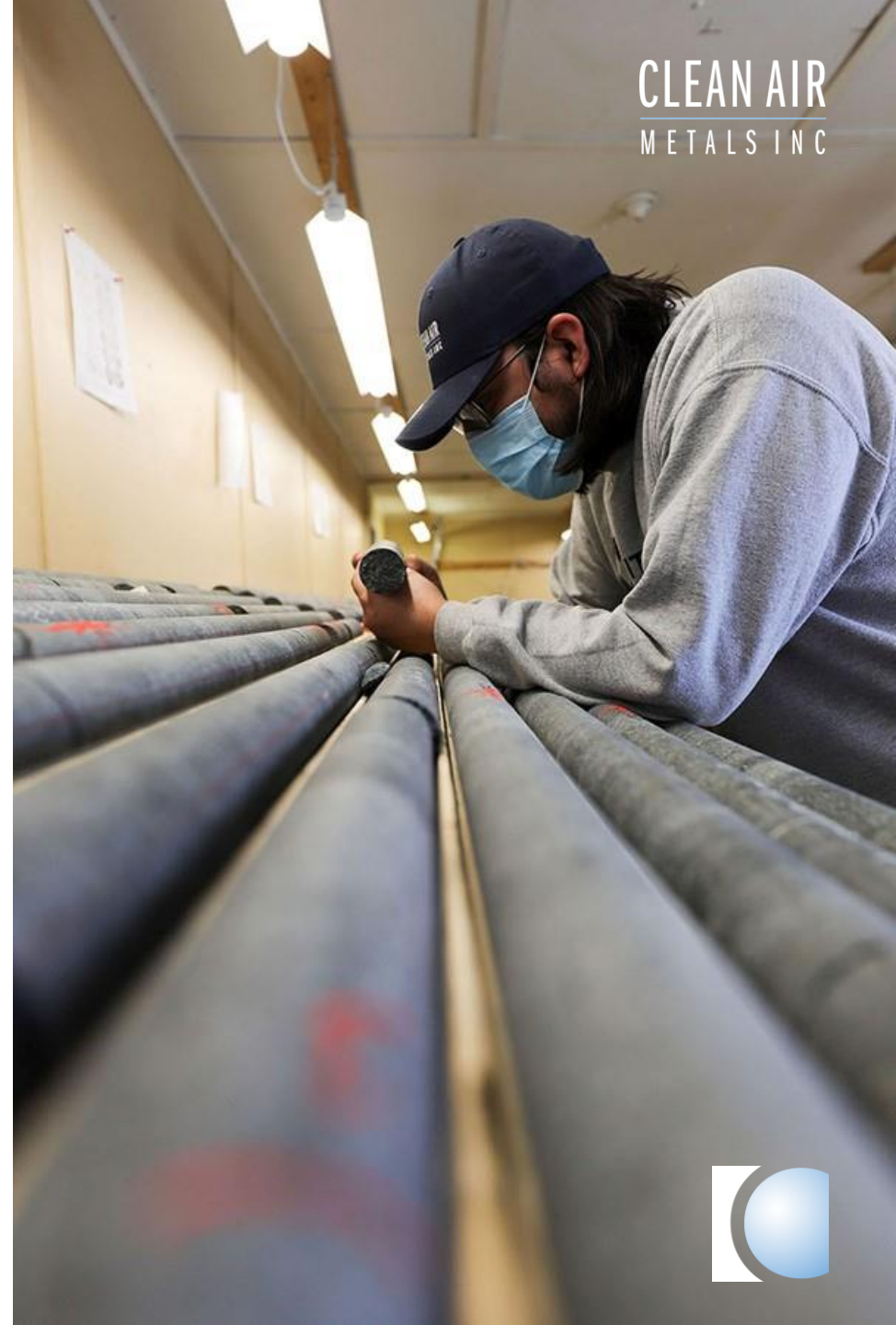
MARKET CAPITALIZATION	\$11.2 M
SHARES OUTSTANDING	224,048,000
OPTIONS (wt. av. \$0.12)	15,960,336
WARRANTS (@ \$0.40, expiry Jan 2026)	3,000,000
SHARE PRICE (MAY 1, 2024)	\$0.05
WORKING CAPITAL	~ \$5.5 M

OWNERSHIP



 **FRANKLIN TEMPLETON**

 **MACKENZIE Investments**



NEXT STEPS

The background of the slide is a photograph of a winter landscape. In the foreground, there is a snow-covered field with some bare trees. In the middle ground, a yellow tractor is visible on the right side, and a tall crane or drilling rig is on the left. The sky is a clear, pale blue.

Advance Thunder Bay North Project

- ✓ Low-risk foundational asset with upside potential when markets improve.
- ✓ Down plunge exploration is a priority
- ✓ Advance technical work on toll-milling
- ✓ Baseline work already well advanced

Grow the resource base regionally

- ✓ Team has capability to identify, evaluate, permit and develop PGE properties
- ✓ Northwestern Ontario has a significant number of prospective intrusions.
- ✓ Many of these deposits warrant a second look, with expected increase in metal prices

Strengthen Relationships with Local Communities

- ✓ Continue to grow our partnership with Indigenous communities.
- ✓ Foster positive relationships early in the process.
- ✓ Enhance future growth with participation from our partners.



Contact us!

Mia Boiridy

Director of Communications and Investor Relations

250-575-3305

mboiridy@cleanairmetals.ca

WWW.CLEANAIRMETALS.CA

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