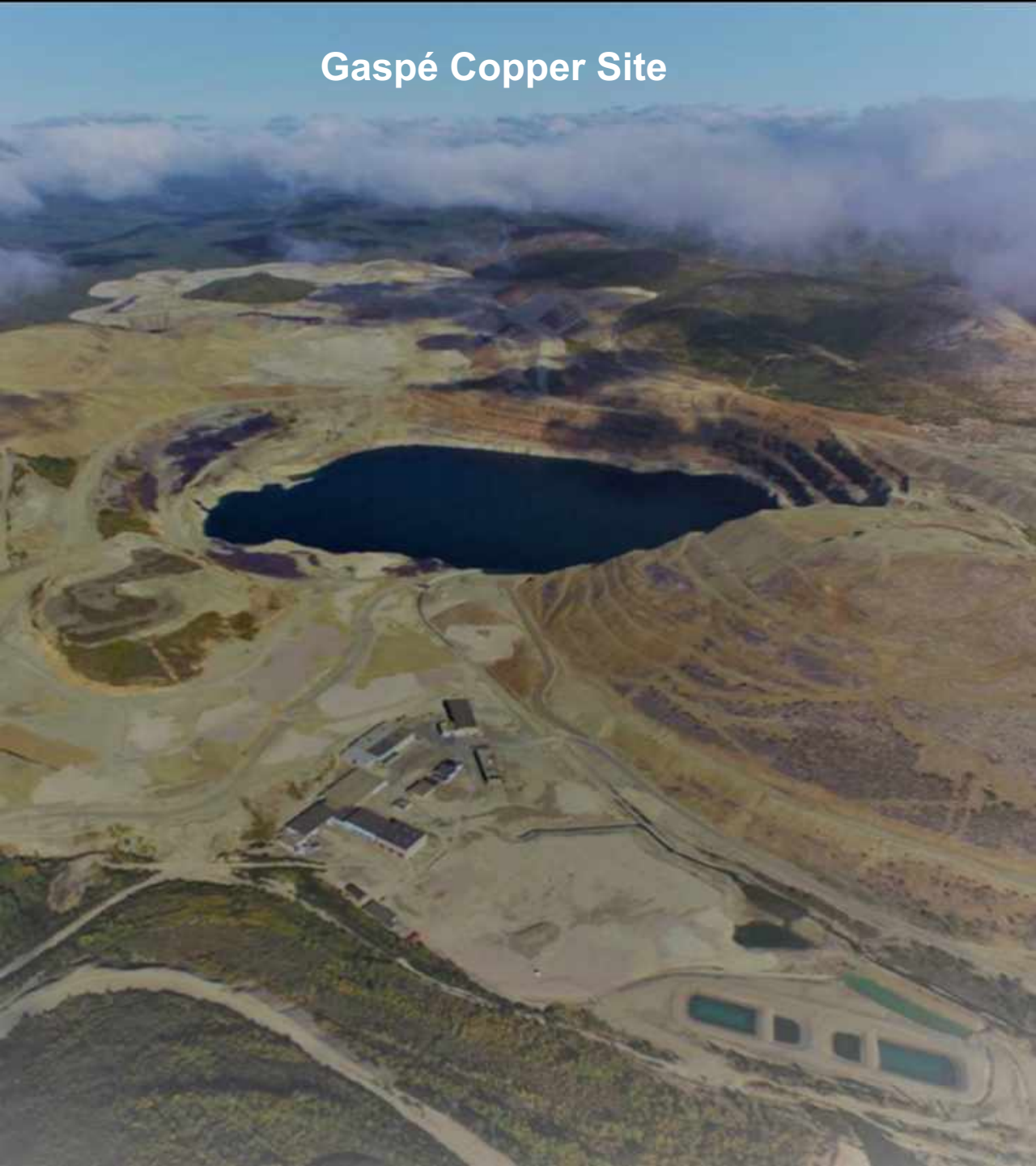


**Gaspé Copper Site**



**OSISKO**  
METALS

**Canada's Leading  
Copper-Zinc Developer**

**Corporate  
Presentation  
May 2024**

**TSXV: OM  
OTCQX: OMZNF  
FRANKFURT: OB51**

# Forward-Looking Statements & Cautionary Notes Regarding Technical Information



This presentation (the "Presentation") contains "forward-looking information" within the meaning of applicable Canadian securities legislation based on expectations, estimates and projections as at the date of this Presentation. Any statement that involves predictions, expectations, interpretations, beliefs, plans projections, objectives, assumptions, future events or performance (often, but not always, using phrases such as "expects", or "does not expect", "is expected", "interpreted", "management's view", "anticipates" or "does not anticipate", "plans", "budget", "scheduled", "forecasts", "estimates", "potential", "feasibility", "believes" or "intends" or variations of such words and phrases or stating that certain actions, events or results "may" or "could", "would", "might" or "will" be taken, occur or be achieved) are not statements of historical fact and may be forward-looking information and are intended to identify forward-looking information. This Presentation contains forward-looking information pertaining to, among other things: Gaspe Copper and Osisko Metal's ability to execute the option agreement, the Pine Point Project having world-class potential, including the potential to be one of the top ten zinc mines; the results of the PEA, including, but not limited to, the IRR, NPV and estimated costs, production, production rate and mine life; the expectation that the Pine Point Project will be an robust operation and profitable at a variety of prices and assumptions; the expected high quality of the Pine Point concentrates; the potential impact of the Pine Point Project in the Northwest Territories, including but not limited to the potential generation of tax revenue and contribution of jobs; and the Pine Point Project having the potential for mineral resource expansion and new discoveries. Forward-looking information is not a guarantee of future performance and is based upon a number of estimates and assumptions of management, in light of management's experience and perception of trends, current conditions and expected developments, as well as other factors that management believes to be relevant and reasonable in the circumstances, including, without limitation, assumptions about: favourable equity and debt capital markets; the ability to raise any necessary additional capital on reasonable terms to advance the development of its projects and pursue planned exploration; future prices of copper, zinc and lead; the timing and results of exploration and drilling programs; the accuracy of mineral resource estimates; production costs; operating conditions being favourable; political and regulatory stability; the receipt of governmental and third party approvals; licences and permits being received on favourable terms; sustained labour stability; stability in financial and capital markets; availability of equipment; and positive relations with local groups. Forward-looking information involves risks, uncertainties and other factors that could cause actual events, results, performance, prospects and opportunities to differ materially from those expressed or implied by such forward-looking information. Factors that could cause actual results to differ materially from such forward-looking information include, but are not limited to, risks relating to the ability of exploration activities (including drill results) to accurately predict mineralization; errors in management's geological modelling; capital and operating costs varying significantly from estimates; the preliminary nature of metallurgical test results; delays in obtaining or failures to obtain required governmental, environmental or other project approvals; Osisko Metals' history of losses and negative cash flow; uncertainties relating to the availability and costs of financing needed in the future; changes in equity markets; inflation; the global economic climate; fluctuations in commodity prices; the ability of Osisko Metals to complete further exploration activities, including drilling; delays in the development of projects; environmental risks; community and non-governmental actions; other risks involved in the mineral exploration and development industry; the ability of Osisko Metals to retain its key management employees and skilled and experienced personnel; and those risks set out in the Company's public documents filed on SEDAR at [www.sedar.com](http://www.sedar.com). Although the Company believes that the assumptions and factors used in preparing the forward-looking information in this Presentation are reasonable, undue reliance should not be placed on such information, which only applies as of the date of this Presentation, and no assurance can be given that such events will occur in the disclosed time frames or at all. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, other than as required by law.

The information herein is not for distribution and does not constitute an offer to sell or the solicitation of any offer to buy any securities in the United States of America or to or for the benefit of any US Person as such term is defined under the United States Securities Act of 1933, as amended.

Reference to historical production in the vicinity of Osisko Metals properties in this Presentation does not imply that any future mineral resources or discoveries will be of economic viability, nor does it imply that additional discoveries will be made.

## PRELIMINARY ECONOMIC ASSESSMENT

This PEA was prepared for Osisko by BBA Inc, WSP Canada Inc. and other industry consultants, all Qualified Persons ("QP") under National Instrument 43-101. The study was coordinated by the Company's Project Manager Annie Beaulieu P.Eng. and in collaboration with the Osisko Gold Royalties Technical Services Group. The QPs have reviewed and approved the content of this press release. Independent QPs include:

Colin Hardie, P.Eng., Pierre-Luc Richard, P. Geo. (BBA)

Hugo Latulippe, P.Eng., Eric Poirier, P. Eng. (WSP)

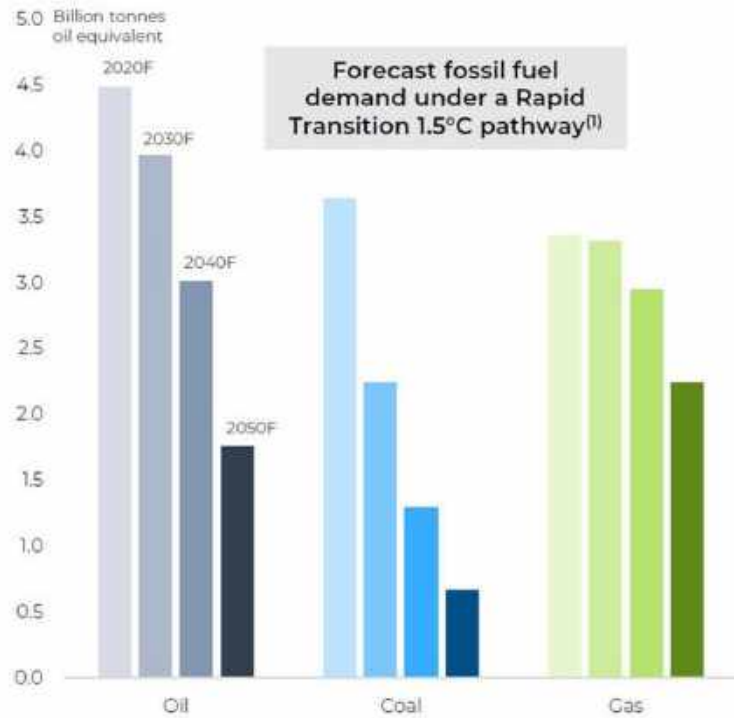
## QUALIFIED PERSON

The scientific and technical information contained in this Presentation has been reviewed and approved by Robin Adair, P.Geo. VP Exploration of Osisko Metals, a "Qualified Person" within the meaning of National Instrument 43-101 – Standards for Disclosure of Mineral Projects.

# Energy transition metals - long-term demand

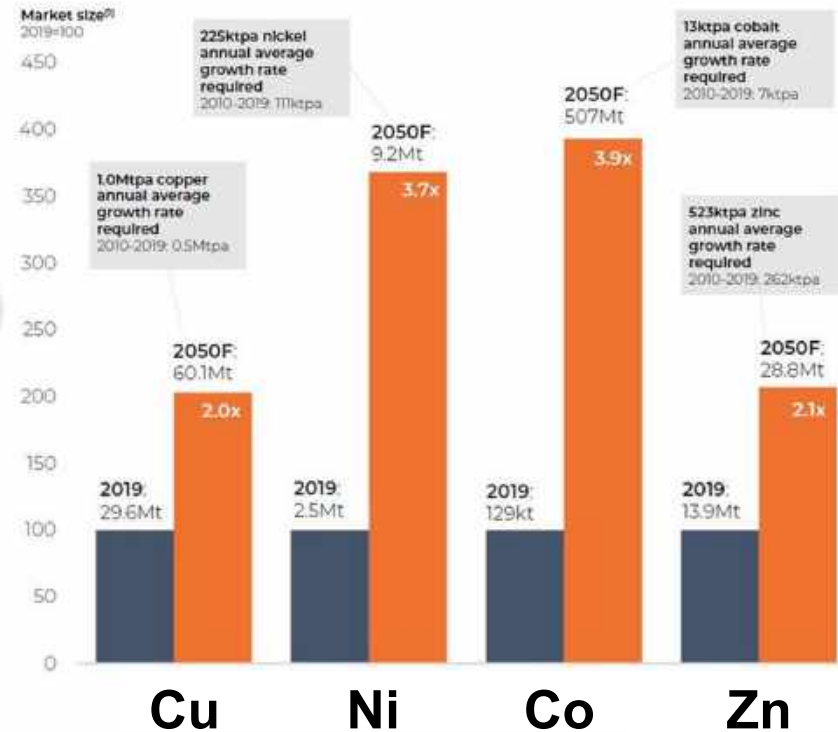
## GOAL OF 2050 NET ZERO EMISSIONS WILL SHAPE OUR FUTURE

### Decarbonising energy demand ...



### ... needs significant metals supply growth ...

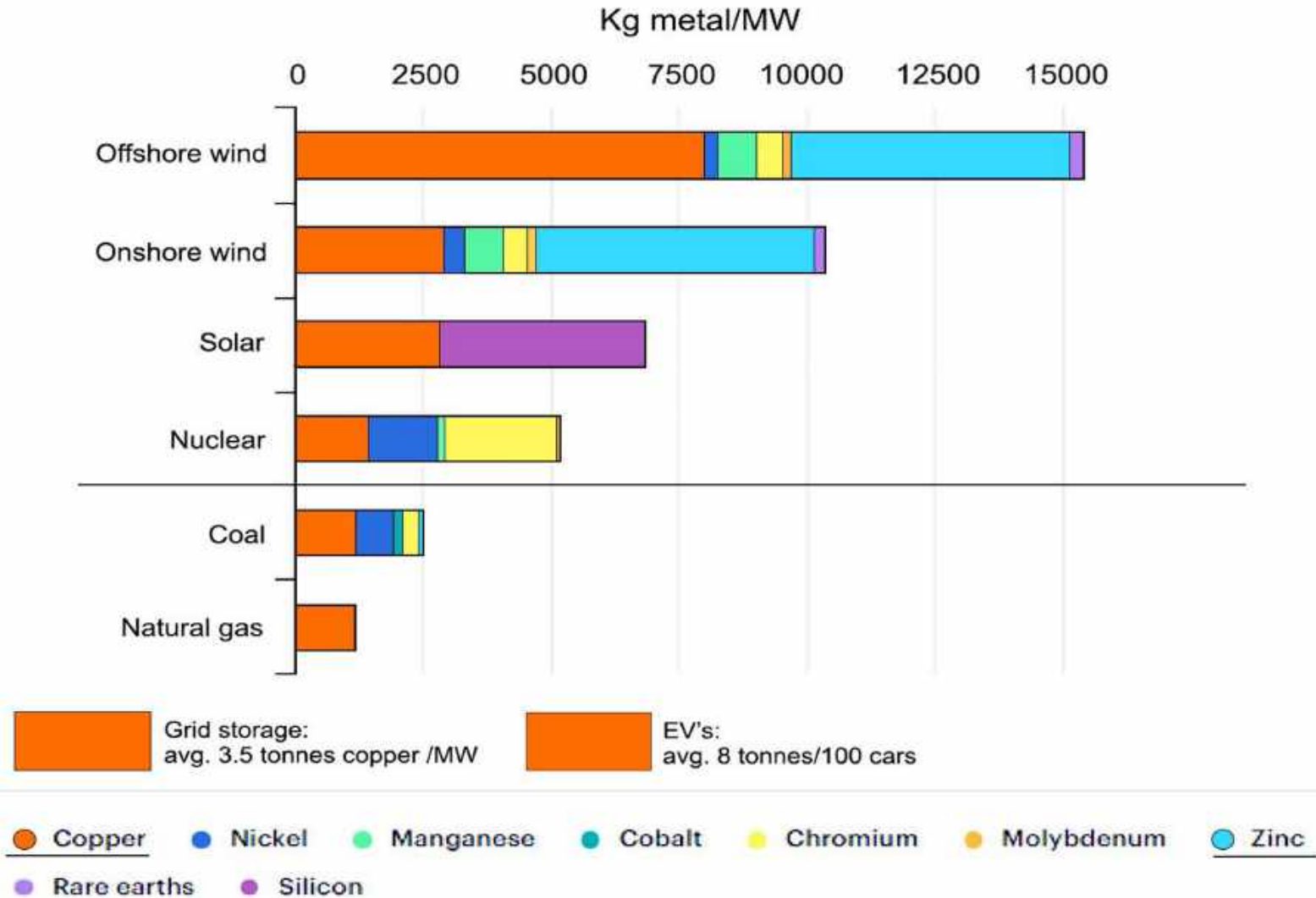
Forecast commodity demand under a Rapid Transition 1.5°C pathway



Notes:

(1) Glencore modelled estimates under a Rapid Transition (IEA SDG) scenario (+1.5°C). (2) Glencore modelled annual average change in demand from 2020 to 2050 under a Rapid Transition (IEA SDG) scenario (+1.5°C). Refer slides 43, 44 and 45 of the Investor Update 2020 – 4 December 2020. Copper demand

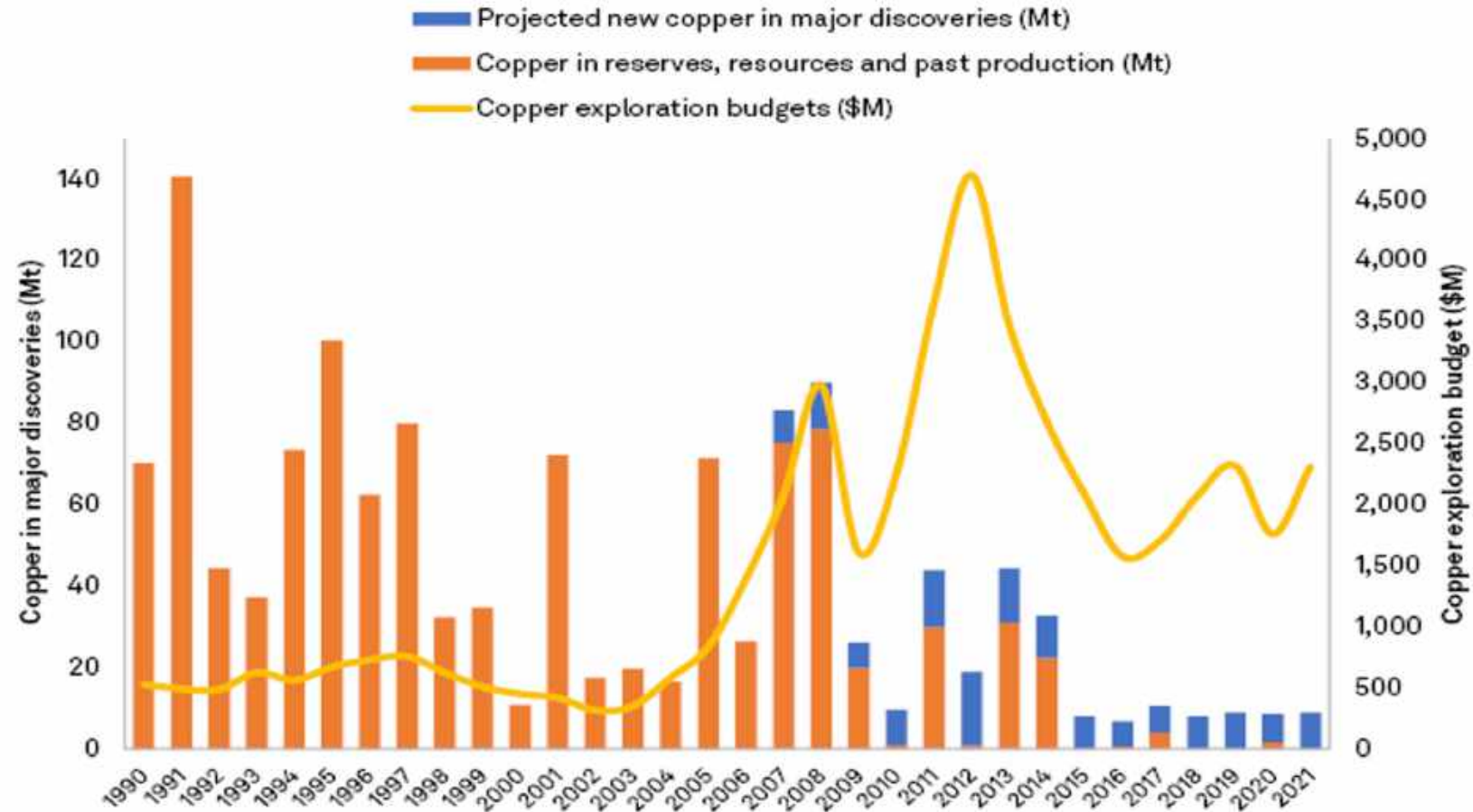
# Energy Transition Metals - Demand by Sector



Source: "The Role of Critical Minerals in Clean Energy Transitions," IEA (May 2021)

# Discovery Drought – the Case for Copper

## Discovery drought continues



Data as of May 10, 2022.

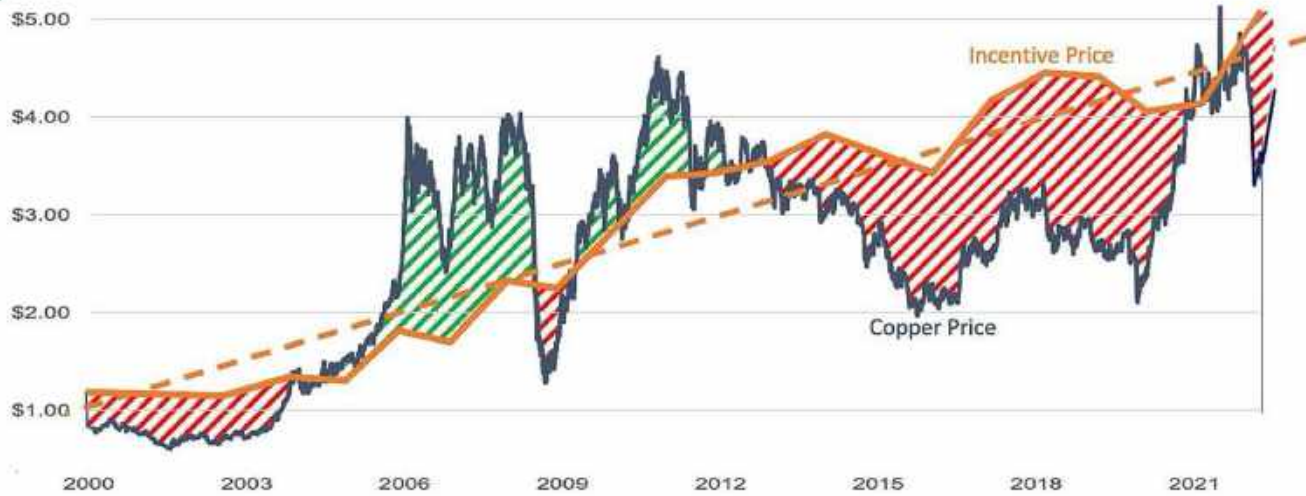
\* Annual average London Metal Exchange Copper Grade A cash price.

Source: S&P Global Market Intelligence

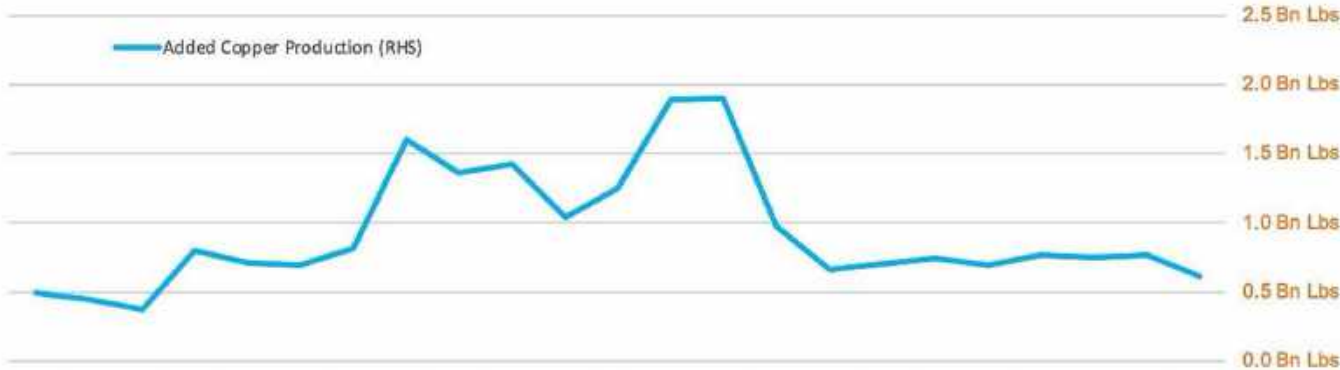


# Incentive Copper Price is on the Rise

Copper Supply – Incentivization Bar Moving Higher  
You Get What You Pay For...



A long-term price of US\$4.50/lb is necessary for the advancement of most developing copper projects.

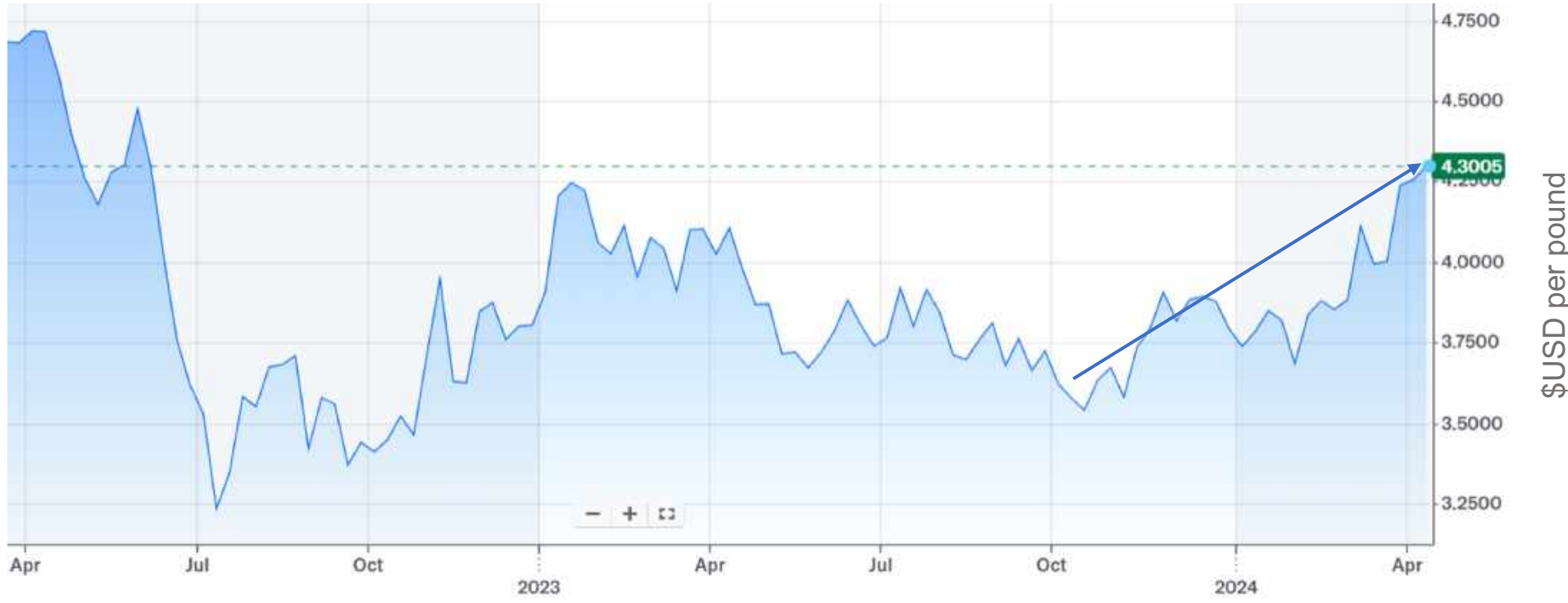


Source: S&P Global Market Intelligence 2022

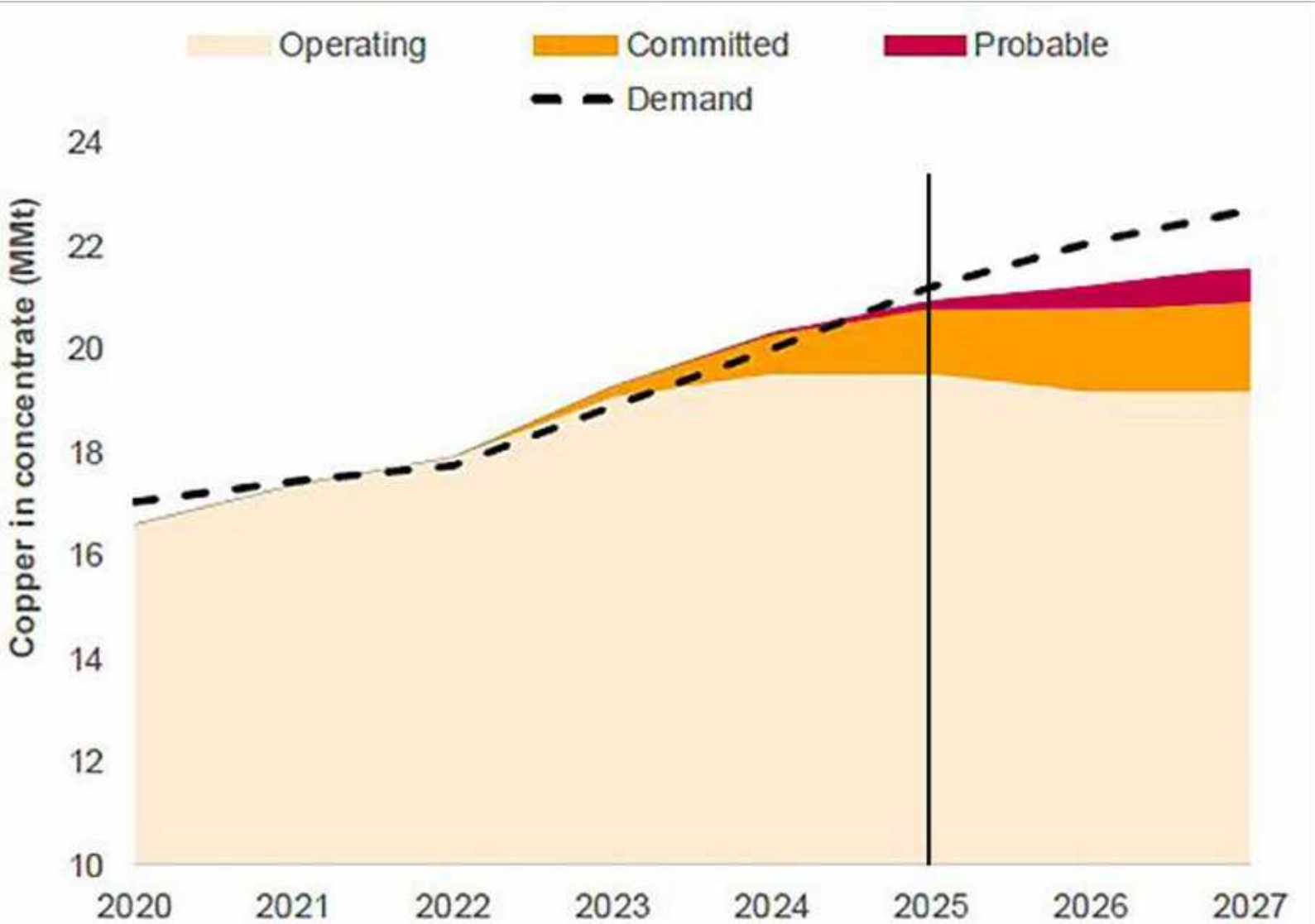
# The Evolution of Copper Prices Over the Past 2 Years



In the past six months, the price of copper has increased by 20%



# Global Copper Production Deficit Starting in 2025



MMt = Million metric tonnes  
Source: S&P Global Market Intelligence, April 2023



# OM Project Locations



# Gaspé Copper - Location and Support infrastructure



- Acquired from Glencore Canada in July 2023
- Highway access from Gaspé Copper to deep-sea port, rail and airport
- Neighboring community of Murdochville
- Located in the traditional territory of the Mi'gmaq First Nation of Gespe'gwa'gi
- Hydroelectric power available on site; 70 MW of green wind power generation surrounding the mine site

# Gaspé Copper Mine Circa 1990





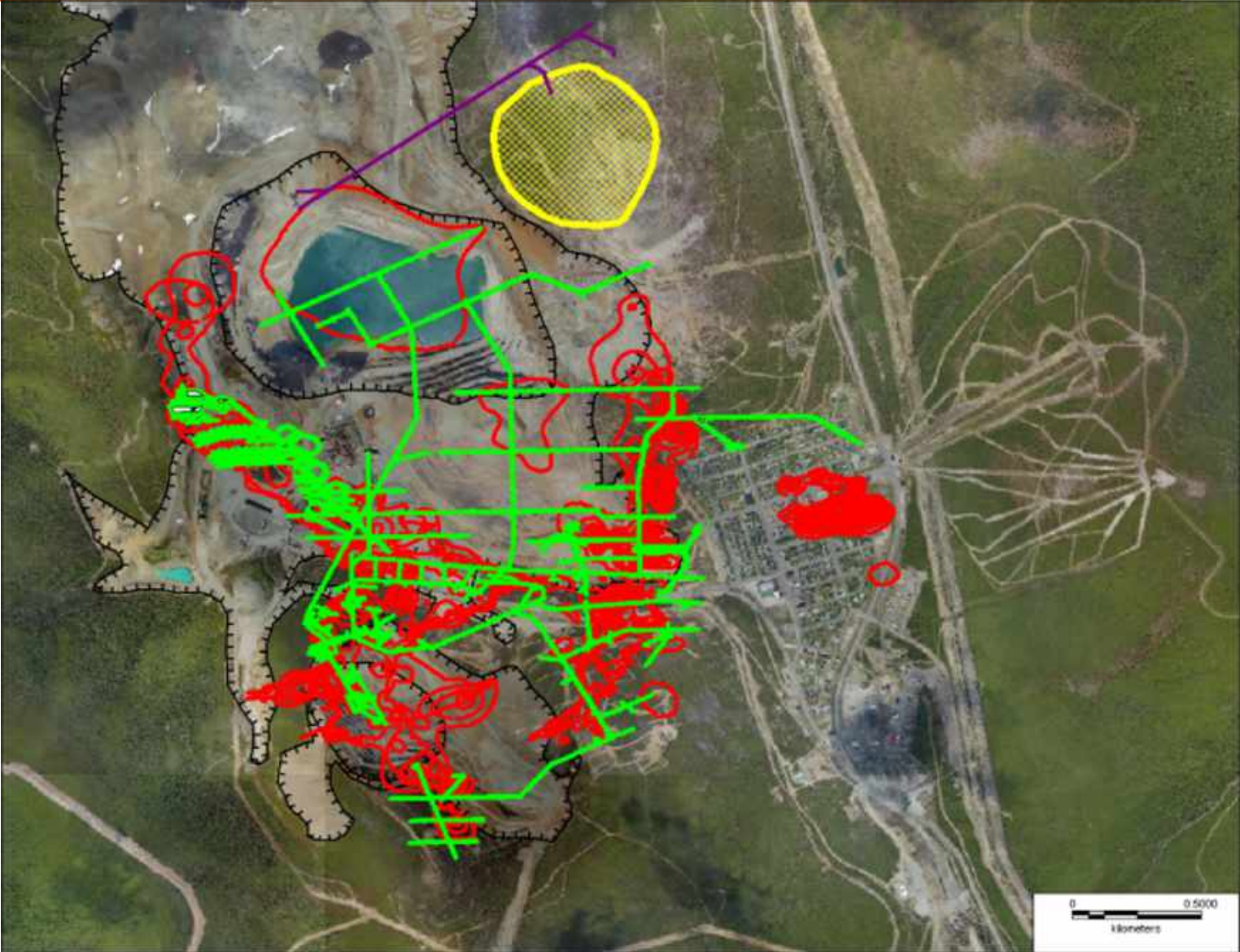
# Long History of Production – 44 years (1955-1999)

142 Mt @ 0.9% Cu





# Gaspé Copper - More than 125 km of Underground Galleries





# Murdochville today



# Gaspé Copper Today – Reclaimed Site



**\$150 M in  
Closure  
Reclamation  
Costs**



# Gaspé Copper Today – Reclaimed site



High  
Neutralization  
potential by  
calcareous host  
rocks – calcite  
neutralizes  
acid effluents

# The Largest Untapped Copper Resource in Eastern North America

## Exceptional location for mining development in North America

- Located near the community of Murdochville
- Located in the ancestral territory of the Mi'gmaq First Nation of Gespe'gewa'gi  
Quebec is a very mining-friendly jurisdiction
- Gaspé Copper Mines (Noranda) produced 142 Mt of ore from open pit and underground mines

## Development plan over a period of 7 years

- Focus on Copper Mountain Project
- **Indicated Mineral Resources: 495Mt @ 0.37% Cu Eq**
- Needle Mountain: Potential for additional in-pit resources
- Excellent underground potential around the old workings

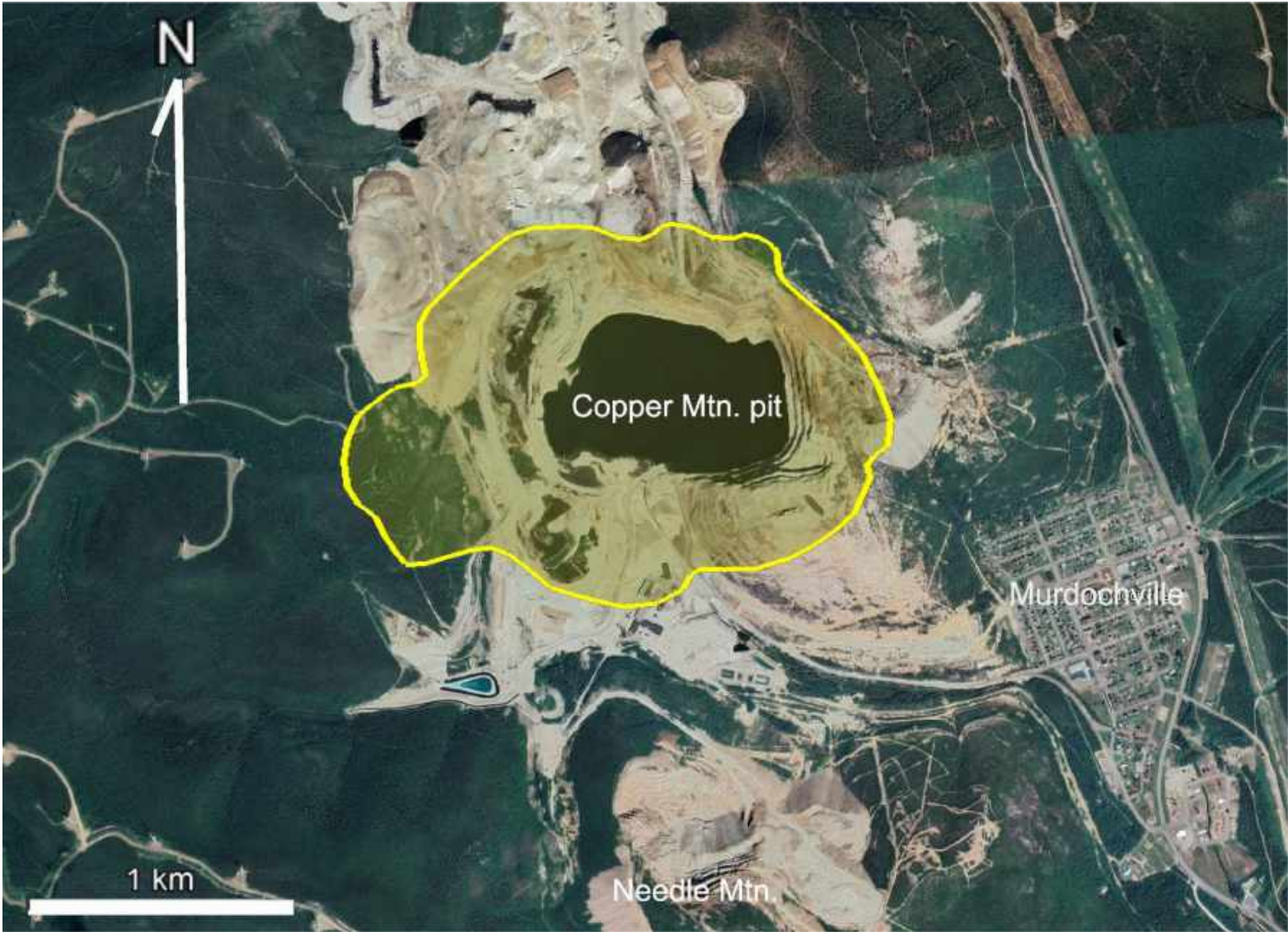
## Support Infrastructure in Place:

- **Paved Road Access** to the site; **Hydroelectric Substation** located on site
- **Port Access:** Town of Gaspé 100 km away on paved road;
- **Rail Access** in southern Gaspésie





# Gaspé Copper – Copper Mountain Expansion Project



Footprint of Copper Mountain open pit model based on indicated resource of 495 Mt @ 0.37% CuEq



# Gaspé Copper Acquisition with Glencore Canada

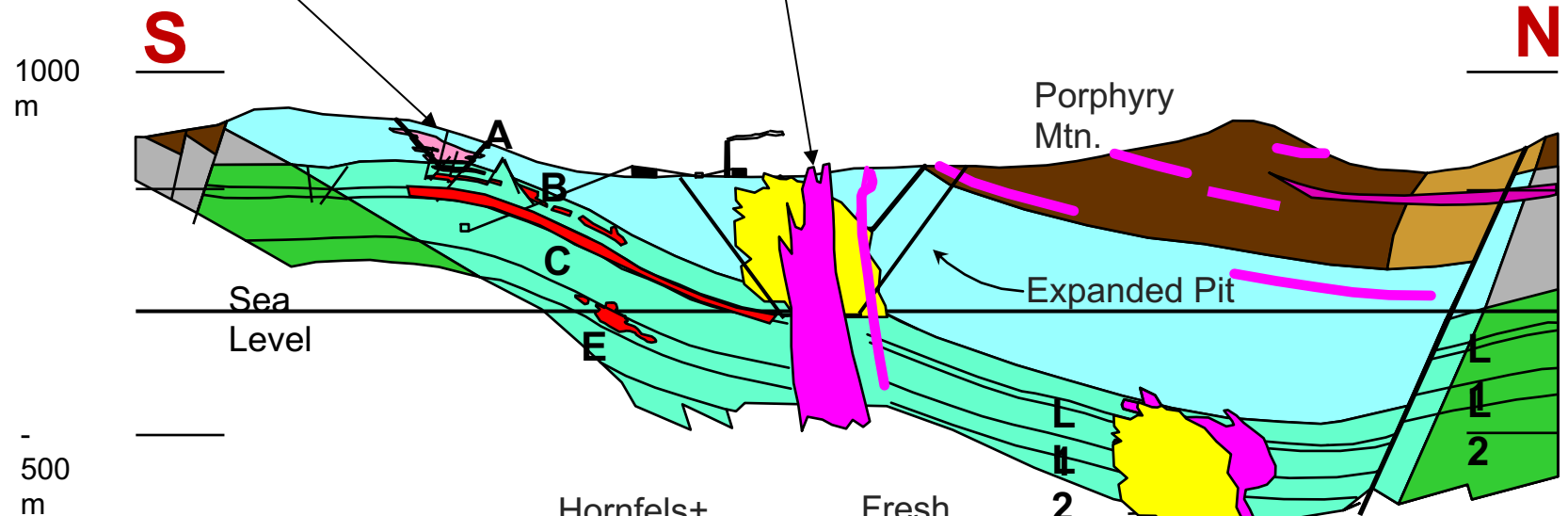


<b>Option Terms</b>	
<b>Price to Pay upon Exercise of Option</b>	US\$25,000,000 through issuance of a convertible note.
<b>Convertible Note</b>	The note will be convertible by Glencore into units of Osisko Metals at a price of \$0.40 per unit. Each unit will consist of one share and a half-warrant. Each whole warrant will entitle Glencore to acquire one common share of Osisko Metals at a price of \$0.46 per share for a period of 3 years.
<b>Milestone Payment</b>	US\$20,000,000 upon commercial production
<b>Work Commitment</b>	C\$55,000,000 in exploration and development expenditures, including permitting expenditures, over a period of four years to get project to FID.
<b>Royalty</b>	1% on Mount Copper; 3% on all other mineral products extracted from the property
<b>Other</b>	Glencore will retain a commercially reasonable offtake for 100% of concentrates produced

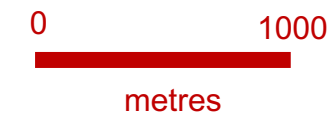
# Gaspé Copper Geological Cross Section (Looking NW)

**PRODUCTION NEEDLE MTN\***  
**A Zone: 14 Mt @ 0.70% Cu**  
**B Zone: 14.0 Mt @ 1.20% Cu**  
**C Zone: 33.0 Mt @ 1.60% Cu,**  
**E Zone: 9.0 Mt @ 2.80% Cu,**  
**70 Mt @ 1.50% Cu**

**COPPER MTN PRODUCTION \***  
**72 Mt @ 0.37% Cu, 0.02% Mo**



	Hornfels+ Skarn Units	Fresh Units
York Lake Fm.		
Indian Cove Fm.		
Shiphead + Forillon Fm.		



\* Historical production and oxidized stockpile resources are NI43-101 non-compliant and shown for reference purposes only; data from MERN assessment files

Felsic Porphyry      Stockwork Mineralization      Skarn-Manto Mineralization





# Over 3.2 Billion Pounds of Contained Copper

Class	Copper Cut-Off (%)	Tonnes (Mt)	Cu Eq (%)	Cu (%)	Mo (%)	Ag (g/t)	Cu metal (M lbs)	Cu metal (kt)	Mo metal (M lbs)	Mo metal (kt)	Ag metal (koz)
Indicated	<b>0.15</b>	<b>495</b>	<b>0.37</b>	<b>0.30</b>	<b>0.016</b>	<b>1.75</b>	<b>3,248</b>	<b>1,473</b>	<b>180</b>	<b>82</b>	<b>27,911</b>
Inferred	0.15	6.3	0.37	0.28	0.019	1.44	39	18	3	1	291

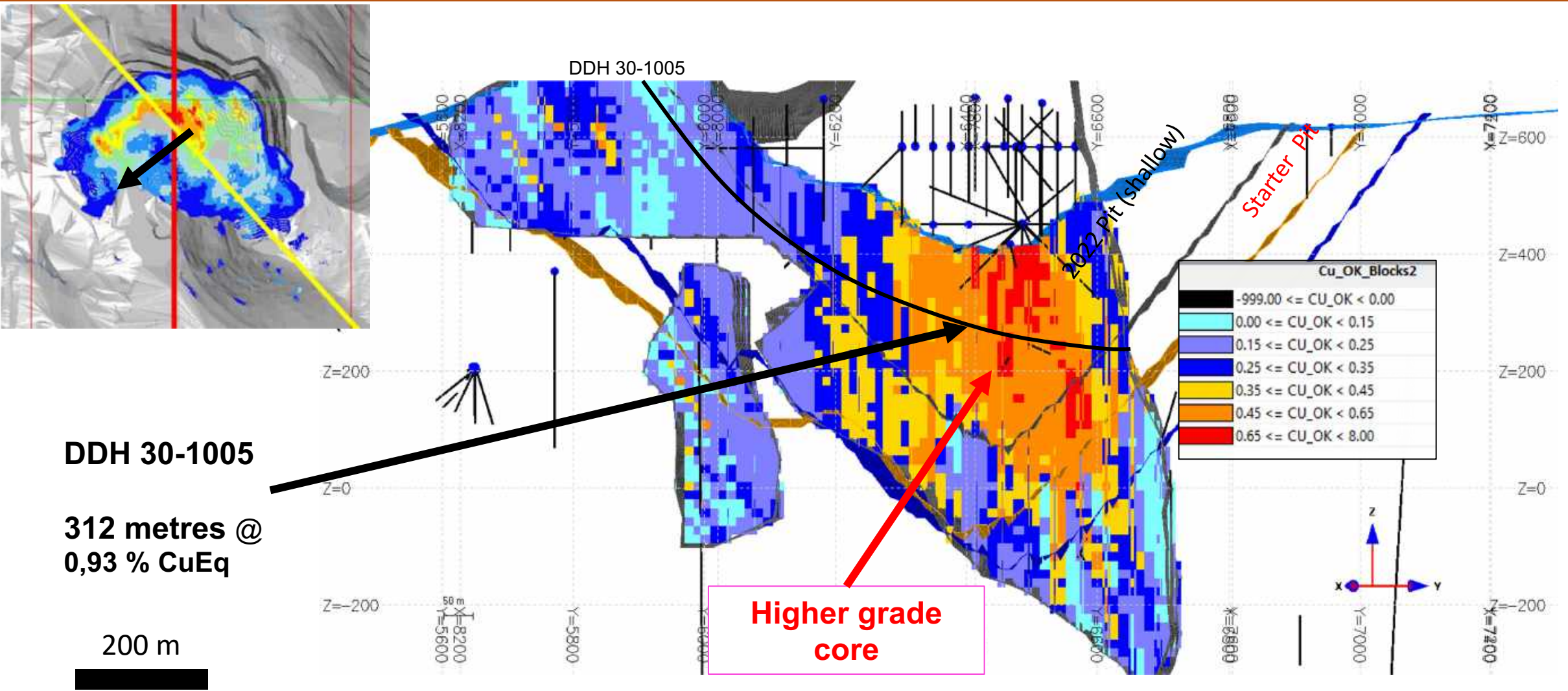
Class	Copper Cut-Off (%)	Tonnage (Mt)	Strip Ratio	Grade Copper		Copper Metal Resource	
				Cu (%)	Mo (%)	Pounds	Tonnes
Indicated	0.12	572	0.93	0.28	0.015	3,476,000,000	1,576,000
	<b>0.15</b>	<b>495</b>	<b>1.23</b>	<b>0.30</b>	<b>0.016</b>	<b>3,248,000,000</b>	<b>1,473,000</b>
	0.20	376	1.94	0.34	0.018	2,791,000,000	1,266,000
	0.25	273	3.05	0.38	0.020	2,279,000,000	1,034,000
	0.30	186	4.93	0.43	0.022	1,758,000,000	797,000
	0.40	86	11.9	0.53	0.025	1,000,000,000	454,000

## Indicated Mineral Resource Estimate (570 drill holes (171,000 metres), 42,200 samples)

- Base case Indicated Resource includes **180,000,000 lbs** Molybdenum and **27,911,000 oz** silver
- Further 3000 m of drilling in 2024 to convert core of deposit to Measured & Indicated Resources



# 2024 Indicated Mineral Resource Estimate - Room for Growth with 2024 Drill program



**DDH 30-1005**  
312 metres @  
0,93 % CuEq

**Higher grade core**

Block model in vertical section looking SW



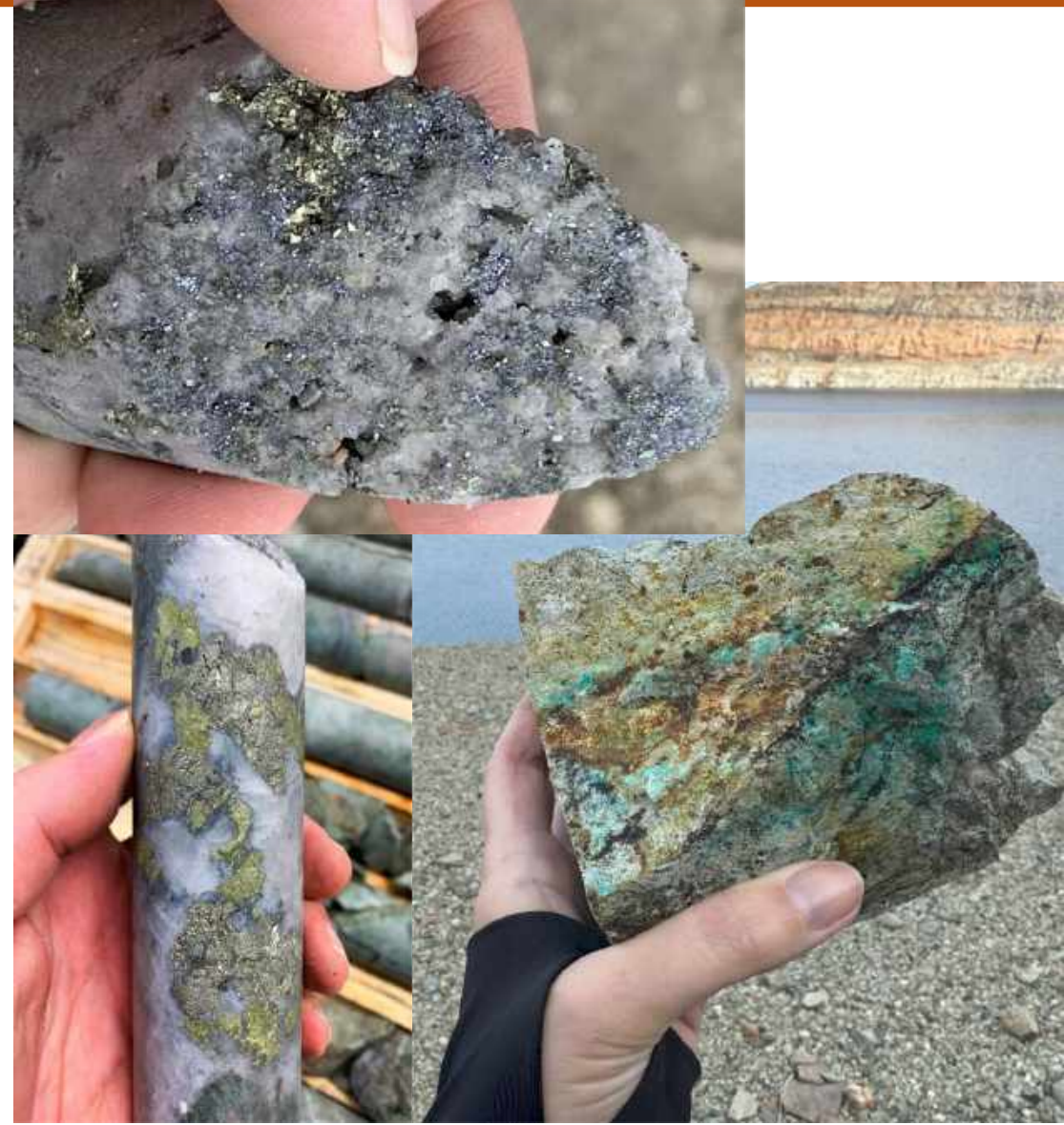
# Porphyry-style/skarn Cu-Mo Deposit in Sedimentary Setting



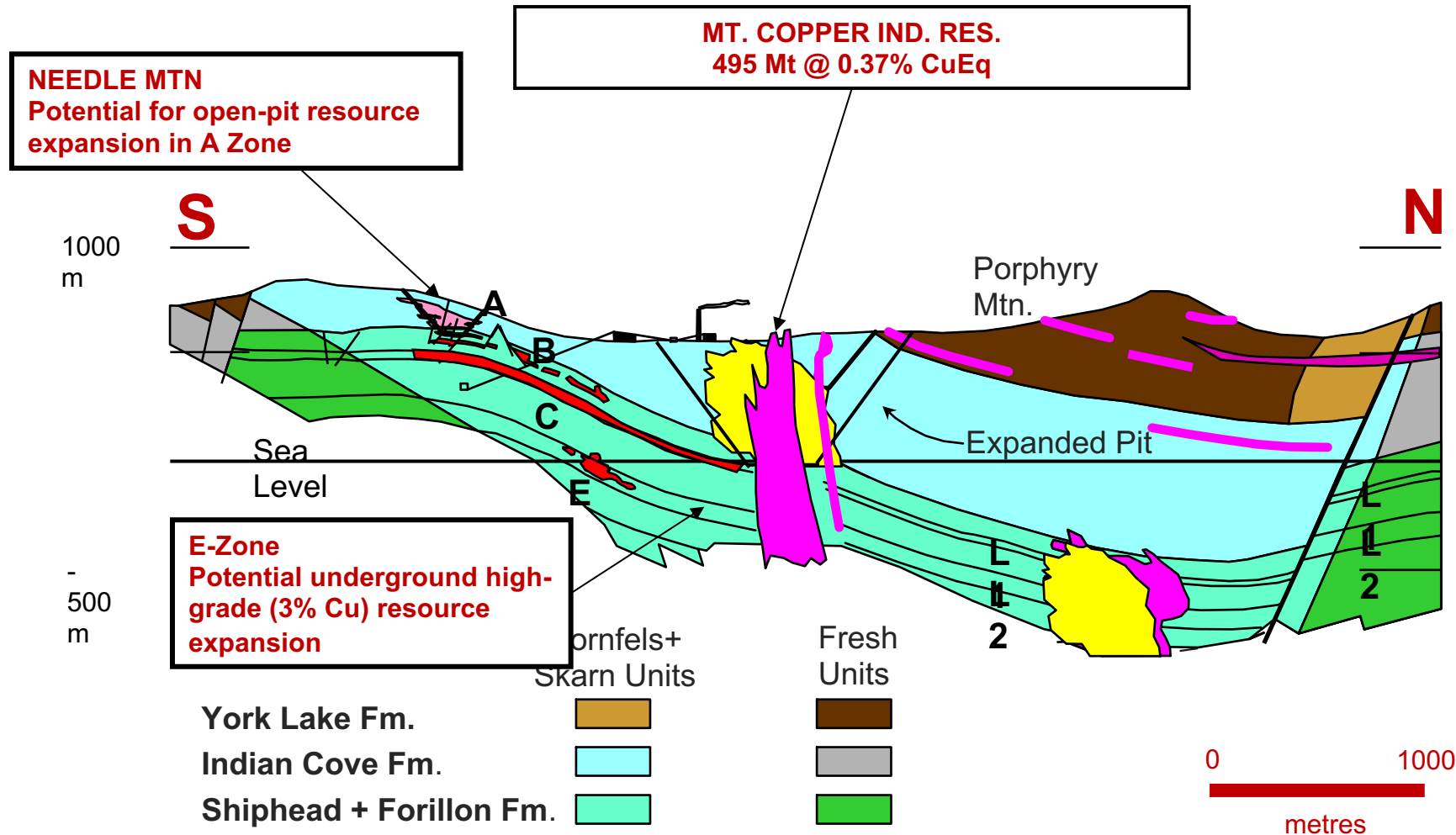


# Metallurgical Test Results

- **Copper Recovery: 92%-94% (Sulfide Cu)**
- **Molybdenum Recovery: 65%**
- **Silver Recovery: 70%**
- **Copper Grade in the Concentrate: 24%-28%**
- **Ball Mill BWI 13.5**
- **Further testing planned for 2024**



# Additional Resource Potential



\* Historical production and oxidized stockpile resources are NI43-101 non-compliant and shown for reference purposes only; data from MERN assessment files

Felsic Porphyry      Stockwork Mineralization      Skarn-Manto Mineralization



## Factors contributing to the positive reaction of the Murdochville community:

- Strict environmental standards contribute to increasing the community's confidence in the potential reopening of the mine.
- Measured will be taken by Osisko Metals to mitigate noise pollution, vibrations, and dust generated by the mine, as well as impacts on local quality of life, particularly regarding outdoor activities.
- Osisko Metals will continue to build good relations with local communities, including the Mi'gmaq First Nation of Gespeg, to facilitate exchanges on the social acceptability of the project .

## Exploration Agreement being negotiated with the Mi'gmaq First Nation of Gespe'gewa'gi



Robert Wares, CEO of Osisko Metals, photographed during his presentation of the project to relaunch the Murdochville mine.

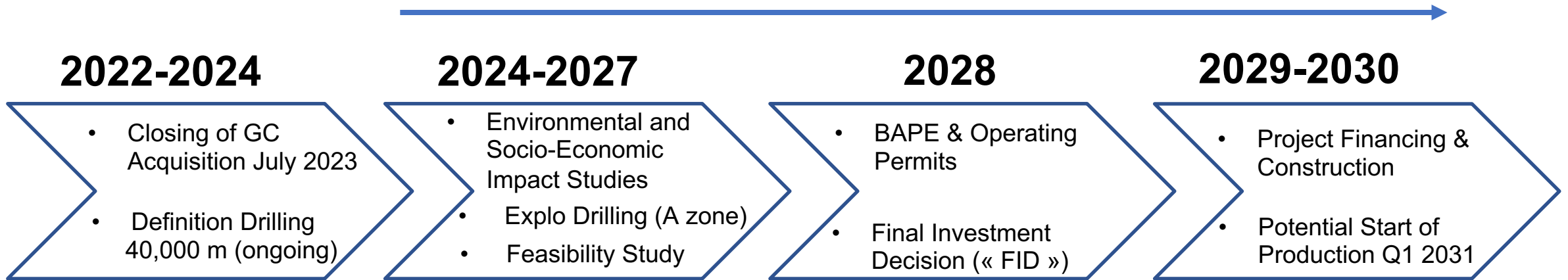
### Positive response from the mayor Ritchie-Roussy :

*“ People are positive. I might even go so far as to say – I’m really stepping out on a limb here – that social acceptability is around 97%, 98%. We’re just getting good feedbacks. “*

*- Délisca Ritchie-Roussy, mayor of Murdochville*

# Timeline for Gaspé Copper

## 7 Year Timeline

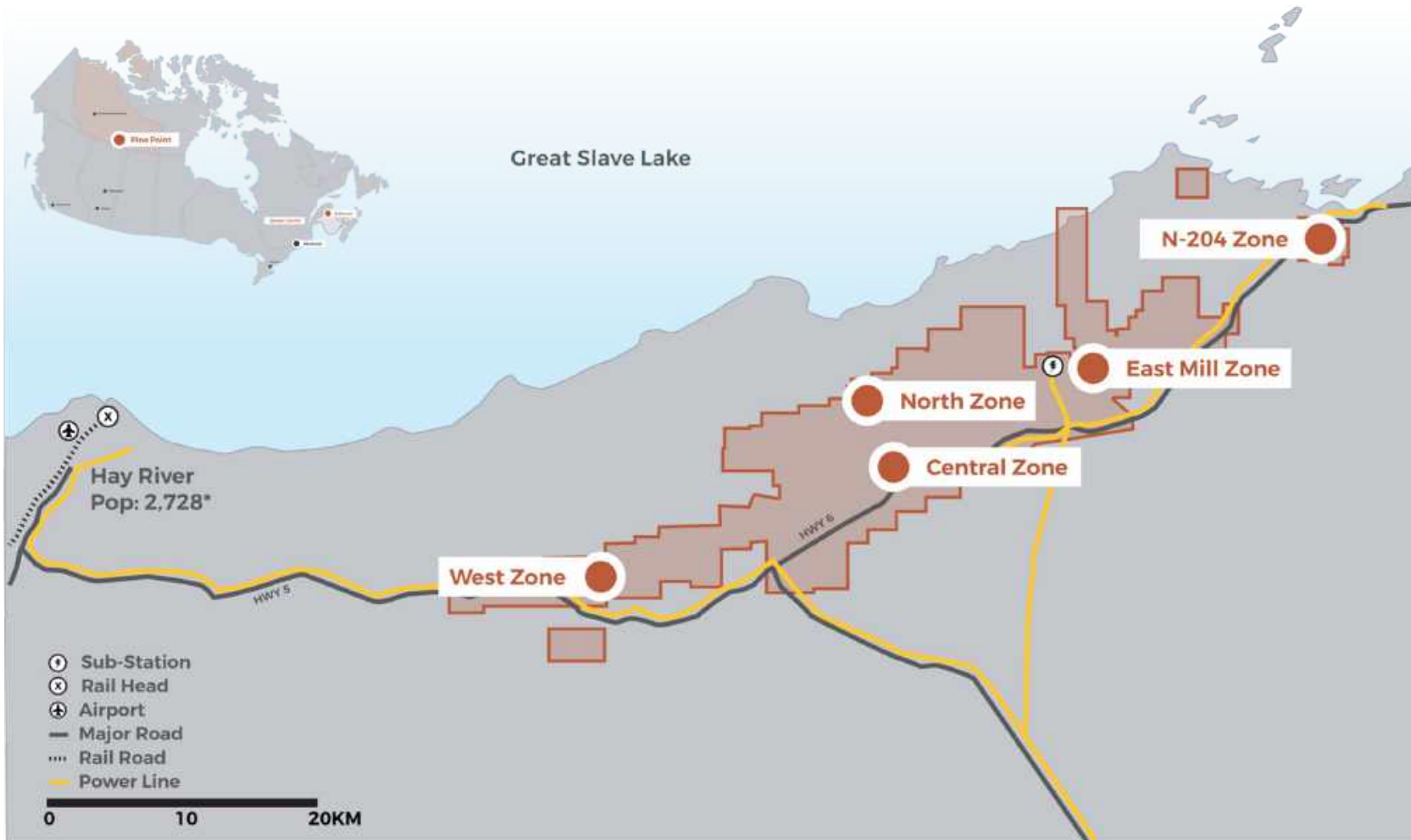


# Pine Point





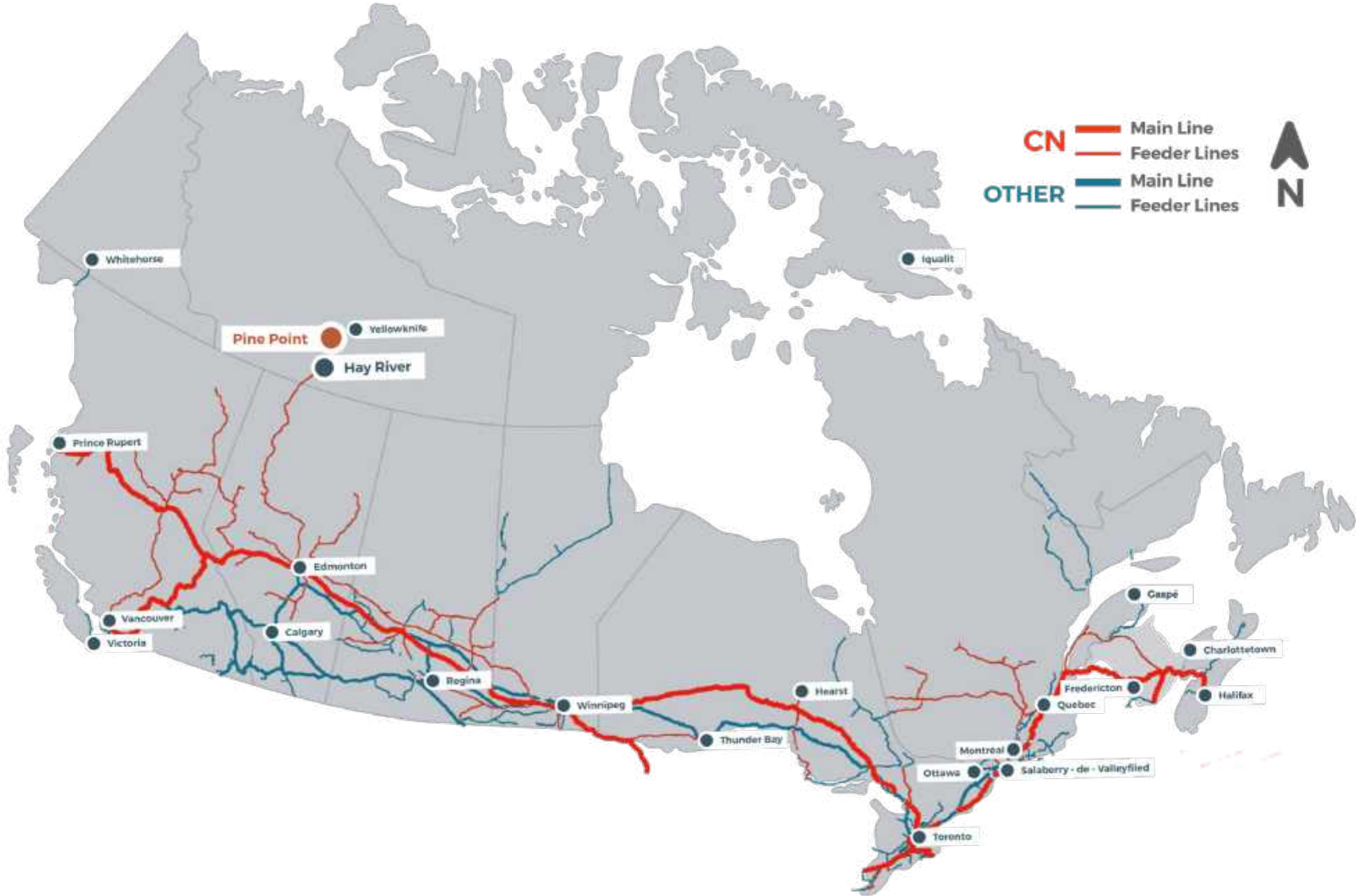
# Support Infrastructure Still in Place



## Site Characteristics

- CN Rail Head, Highway and Flights from Edmonton to Hay River
- Property within 60 km of Hay River
- Paved Highway from Hay River to Site
- Low-Cost Hydro-Electric Power Available On Site From Taltson Dam

# Access to International Concentrate Markets Via Rail



# C\$100 million Pine Point JV with Appian Resource Fund



- **Feb 21, 2023: C\$100 Million investment agreement with Appian Natural Resources Fund III for a joint venture on the Pine Point Project.**
  - **Includes C\$75.3 M of funding for the project over a 4 year period to FID**
- **Summary of Joint Venture:** Osisko Metals and Appian have agreed to a budget to fund Pine Point to FID as follows:

• Definition and Exploration Drilling	C\$25.2 million
• Permitting and G&A	C\$29.3 million
• Feasibility and Technical Studies	C\$8.7 million
• Metallurgical Optimization Studies	C\$1.0 million
• Geotech/Hydrogeological Studies	C\$4.3 million
• Contingencies	C\$6.8 million
• <b>Total</b>	<b>C\$75.3 million</b>
- **Definition drill program completed; Feasibility Study to start Q1 2024**

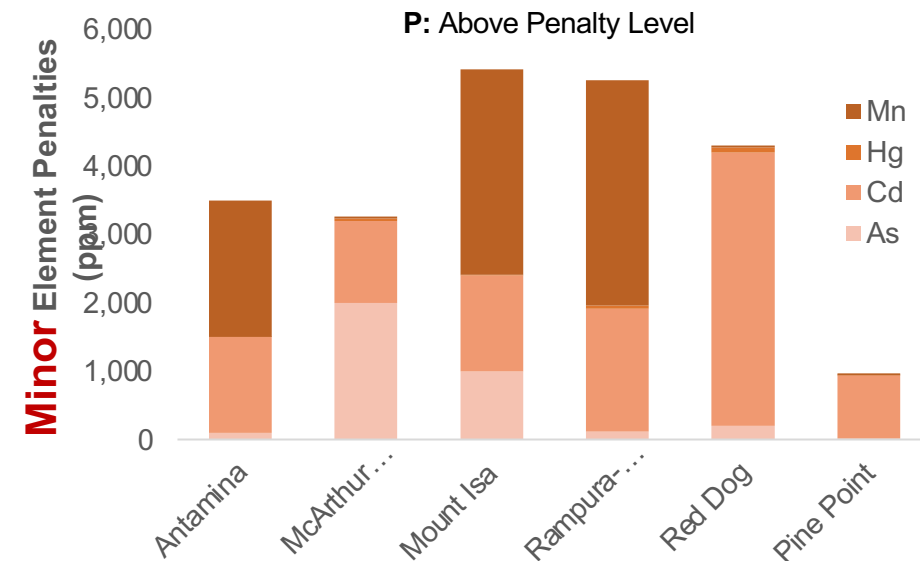
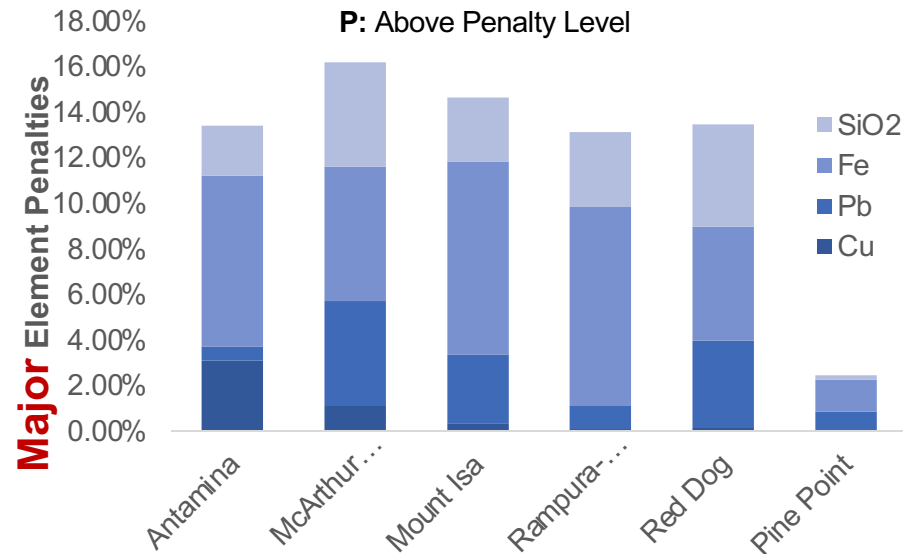


# Pine Point: Positive 2022 PEA Outlined Potential for a Global Top Ten Zinc



- **Near Surface Indicated Mineral Resource Estimate: **M&I Resource of 15.8 Mt @ 4.2% Zn & 1.5% Pb + Inferred Resource of 47.2 Mt Grading 4.4% Zn and 1.7% Pb****
- **NPV of C\$605M and IRR of 25% (After-Tax, US\$1.37 Zn)**
  - **Potential to Be Top-10 Global Zinc Mine on Production Basis**
  - **Potential to Produce Premium High-Grade Clean Zinc Concentrate**
- **Infrastructure in Place:**
  - Hydroelectric power substation located on site
    - MOU with NTPC Power to purchase excess Taltson Hydroelectricity
  - Rail access within 60km
  - Paved access road to the site and ~100km of haul roads on site
- **Opportunities to Enhance PEA:**
  - Resource expansion laterally along open pit-constrained boundaries of deposits
  - Hydrogeological studies continue to reduce de-watering estimates & costs

# Pine Point Could Produce one of the Cleanest Concentrates Globally



## Lead & Zinc Concentrates: Premium Quality, High Grade and Clean

- High recoveries for both zinc and lead (**87%** and **93%**) using XRT sorting and conventional grinding and flotation processes
- High concentrate grades: Zinc (**59%**) & Lead (**64%**). Low deleterious elemental content
- **No smelter penalties expected**

# Pine Point FN Agreements Provide Community Support



- **2017: Exploration Agreement** signed with K'atl'odeeche First Nation
- **2019:** Announced two separate **Collaboration Agreements** with local indigenous communities:
  - Deninu K'ue First Nation
  - Northwest Territory Metis Nation
- **Collaboration Agreements** promote a cooperative relationship related to exploration and development activities at Pine Point.
  - The Agreements support education, training, employment, business and contracting opportunities.
  - Information sharing, site visits and broad outlines of topics for future agreements, including IBA's, are also included.
- **IBA Framework Discussions Underway**



# 2024 Objectives

- **Q1** Launch exploration drilling program at Pine Point (6000 m)
- **Q2** **Release updated M&I Mineral Resource Estimates at both projects**
- **Q2** Launch Feasibility Study at Pine Point
- **Q2** Launch Environmental Baseline studies at Gaspé Copper
- **Q2-Q3** Continue definition drilling programs at Gaspé Copper for both Copper Mountain and Needle Mountain deposits (8000-10000 m)
- **2024** Continue trade-off studies for Gaspé Copper PEA

# Share Structure and BOD



## Significant Shareholders

Insiders . . . . .	25.1%
Osisko Group . . . . .	16.4%
Institutional . . . . .	5.4%
Known retail . . . . .	7.2%
<b>Total . . . . .</b>	<b>54.1%</b>

**Shares  
Outstanding**  
256,574,935

## As at April 2024

Market Cap . . . . . \$42.3 M

**Approximate cash position . . . \$7.5M**

### Board of Directors

#### Independents:

Amy Satov, LLB, Director

Cathy Singer, LLB, Director

Don Siemens, CPA, Director

Luc Lessard, P. Eng, Director

Jeff Hussey, P. Geo, Director

Peter Wright, LLB, Director

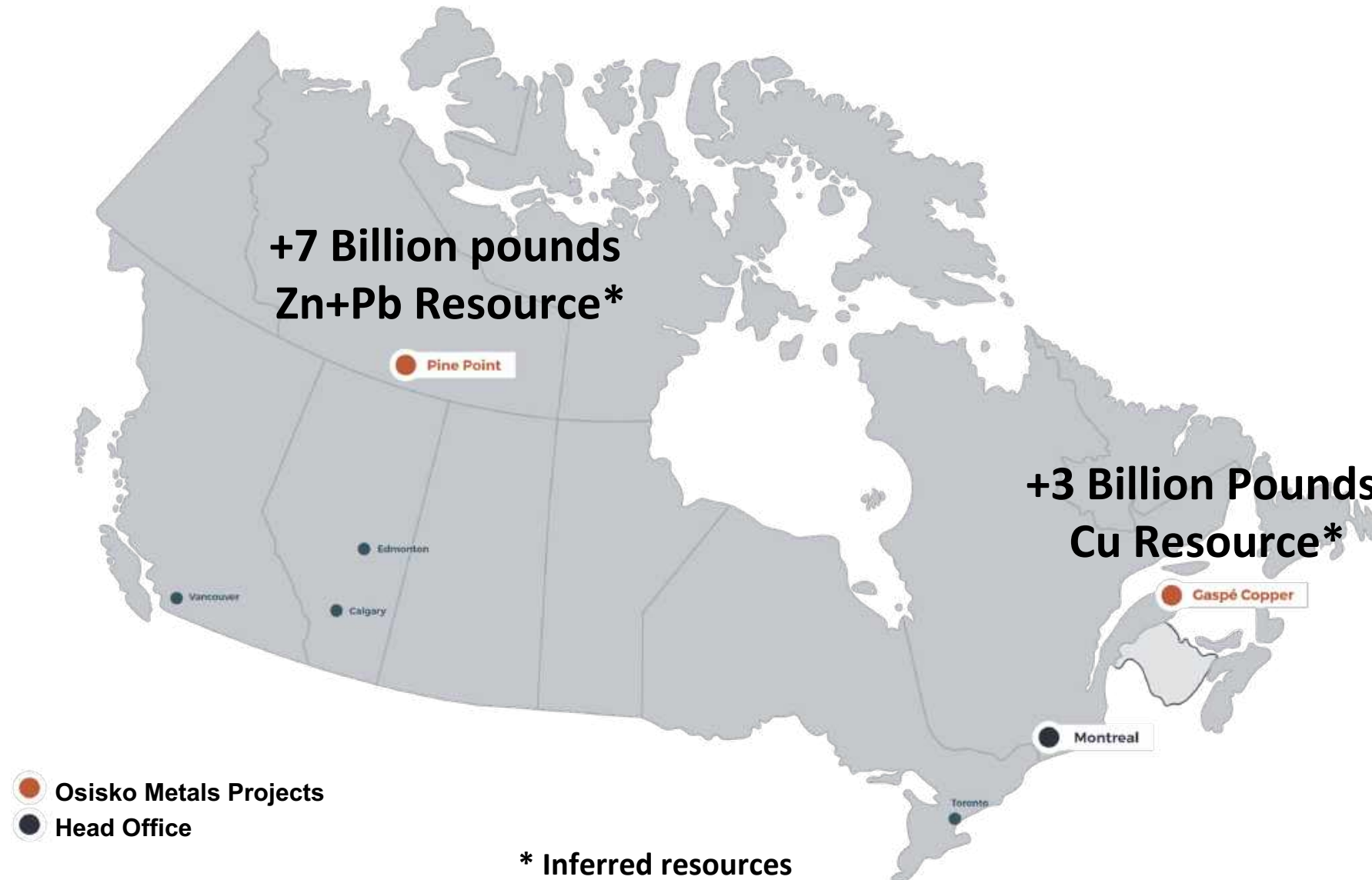
#### Non-independent:

Robert Wares, Chairman & CEO

- **Shift toward a green, sustainable economy coupled with post-COVID infrastructure stimulus is increasing global critical metal demand.**
- **A global production deficit of critical metals is imminent, as only a handful of serious development projects are underway worldwide.**
- **“Almost unattainable gap between growing green energy copper demand and mining supply” - Wood Mackenzie 2023**
- **Osisko Metals is well-positioned to capitalize on rapidly evolving markets with significant exposure to **both copper and zinc** in Canada.**
- **Gaspé Copper: Best copper development asset in Eastern NA**
- **Pine Point: Free-carried JV with Appian to FID; the project has the potential to be one of Canada’s outstanding Zn-Pb mines that would produce premium concentrates.**



# Wrap-Up: Two Leading Base Metal Projects in the World's Safest Mining Jurisdiction





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