

# BRIDGING A SUSTAINABLE FUTURE: UNEARTHING CRITICAL METALS FOR A GREENER FUTURE



**INVESTOR PRESENTATION** 

October 2024

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Except for the statements of historical fact, this presentation contains "forward-looking statements" and "forward-looking information" within the meaning of the applicable securities legislation (collectively, "forward-looking information") that is based on expectations, estimates and projections as at the date of this presentation. Forward-looking information in this presentation includes information about the South Contact Zone Properties and the Chrome Puddy Property of the Company; general business and economic conditions.

Factors that could cause actual results to differ materially from those described in such forward-looking information include, but are not limited to: the exploration and development of the South Contact Zone Properties and the Chrome Puddy Property of the Company may not yield any commercially beneficial results to the Company; historical resource estimates may not result in any proven mineralization; risks associated with the business of the Company; business and economic conditions in the mining industry generally; changes in general economic conditions or conditions in the financial markets; changes in laws (including regulations respecting mining concessions); and other risk factors as detailed from time to time.

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Michael Dufresne, M.Sc., P.Geol., P.Geo of APEX Geoscience Ltd. has reviewed the presentation and assumes responsibility for scientific and technical disclosure contained herein.

#### Confidentiality

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## Investment Highlights

Strength of Experience

Experienced team creating value in the field by advancing a critical metals resource and pursuing an aggressive growth strategy.

Tier 1 Jurisdictions

Federal government support for Critical Minerals in both United States and Canada South Contact Zone Project (Cu-Ni-Ti), Minnesota; Chrome -Puddy (Ni-PGMs) Ontario

Domestic Critical Minerals

Sourcing critical minerals for the energy transition in North America Exploration portfolio focusing on copper, nickel, and titanium

Bulk Tonnage Historical Resources

30MT grading 0.27% Ni, Chrome Puddy property, Ontario (Non-CIM Compliant)\*1 45MT grading 15% Titanium, Titac Property, Minnesota (Non-CIM Compliant)\*2

**Drill Ready Targets** 

Abundant historical exploration data at both the South Contact Zone and Chrome Puddy properties allows for advancement to drill stage.

<sup>&</sup>lt;sup>1</sup>L'Heureux, R.B., Schoeman, P.. 2024. "Updated Technical Report for the Chrome Puddy Property, Ontario, Canada". Apex Geoscience Ltd. Edmonton, AB, Canada. Green Bridge Metals Corp. May 31, 2024.

<sup>2</sup>Farrow, D., Johnson, M., 2012. "National Instrument 43-101Technical Report on the Titac Ilmenite Exploration Project, Minnesota, USA". SRK Consulting (Canada) Inc. SRK Project Number 20031.004. Cardero Resources Corp. January 2012.

<sup>\*</sup>The Company and the QP have referred to this estimate as a "historical Mineral Resource Estimate (MRE)" and are not treating it, or any part of it, as a current MRE. A QP has not done sufficient work to classify the historical estimate as a current MRE and the MRE predates current CIM standards.

### Corporate Overview

Green Bridge Metals is focused on advancing critical mineral exploration in North America for the energy transition

Name	Chrome-Puddy Property	<del>III</del>	CSE LISTING	GRBM
_ocation	Thunder Bay Mining District	\$	SHARE PRICE	\$0.145
Mineralogy	High grade CU, Ni, Au, Pt, Pd		I/O SHARES	87,561,336
Stage	Early Exploration		MARKET CAP (CAD)	\$12.6 M
		Á	52 WEEK HIGH/LOW	\$0.19/\$0.04
Name	South Contact Zone	All Figures as of June 28, 2024, unless stated otherwise		
-ocation	Minnesota, U.S.A	1		
Mineralogy	High grade Cu, Ni, Ti, V	1		
Stage	Early Exploration			

## Leadership



#### David Suda, President, CEO & Director

Mr. Suda contributes 15 years of capital markets expertise, with a focus on corporate strategy, capital raising, sustainability performance, and marketing. He served as a managing director at Beacon Securities Ltd. and Paradigm Capital, raising over \$10 billion for private and public firms. Mr. Suda graduated with honors from York University, holding a bachelor's degree in environmental studies. His strong industry relationships and financial acumen make him a valuable asset to the company.



#### Michael Henrichsen, Technical Advisor

Mr. Henrichsen is a distinguished structural geologist and leader of the Torg technical team, he brings a wealth of experience to the Company. Notably, his work as the global structural geologist at Newmont significantly increased reserves and resources in the Ahafo district, Ghana, and he has contributed extensively to other major gold camps in South America, the Carlin Trend, Guinea, and Canada.



#### Mark T. Brown, Director

Mr. Brown holds a Bachelor of Commerce Degree from the University of British Columbia and is a member of the Institute of Chartered Accountants of British Columbia. He has extensive experience as an officer and director in multiple public and private companies, focusing on transactions, financings, and corporate financial planning. He managed financial departments at Eldorado Gold and Miramar Mining, and co-founded Rare Element Resources Ltd., listed on the TSX and NYSE AMEX, prior to which he was with PricewaterhouseCoopers.



#### Tyler Lewis. Director

Mr. Tyler Lewis, CEO and Director at Right Season Investments Corp, has achieved sustained growth through astute investment strategies. With 10+ years in the cannabis and nutraceutical markets and a strong accounting background, he excels in identifying undervalued private and public firms. Mr. Lewis is dedicated to enhancing shareholder value and his business acumen and commitment to results make him a valuable asset to the company.



#### Christopher Mackay, Director

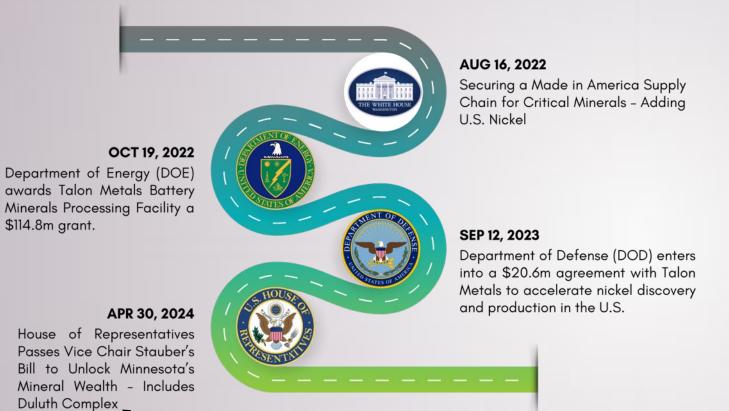
Mr. Mackay, a renowned professional, brings extensive expertise in real estate and investment. As President of Strand Financial Corporation, he spearheads the company's U.S. real estate operations, managing tasks like acquisition analysis, development, and financing. Under his leadership, the company has built a portfolio of 3,000 strategically located properties across major U.S. markets, a testament to his astute decision-making and strategic acumen.



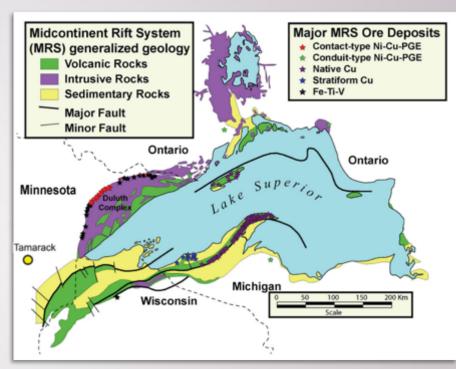
#### Geoff Balderson, CFO

Mr. Balderson has over 20 years of capital market experience. Mr. Balderson is president of Harmony Corporate Services Ltd. and leads a team that provides bookkeeping, accounting, filing and corporate secretarial services to publicly listed companies. Mr. Balderson is an officer and director of other CSE-listed companies, Mr. Balderson is a former Investment Advisor with two Canadian securities dealers, and a graduate of the University of British Columbia.

### U.S. Initiatives to Secure Domestic Green Metals Supply

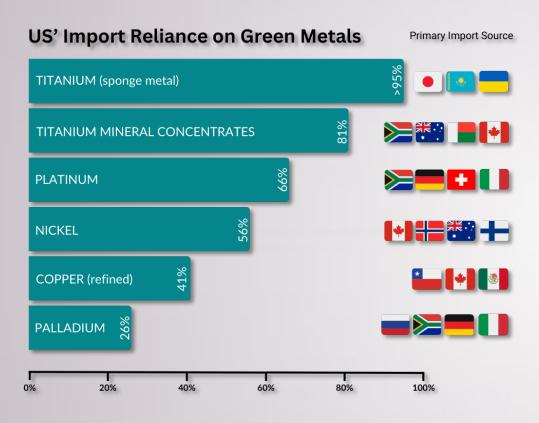


Superior National Forest Restoration Act overturns the Biden Administration's political decision to withdraw over 225,000 acres of mineral-rich land and cancel existing mineral leases in Minnesota's Superior National Forest.



Talon Metals' Tamarack Nickel Project is situated 94 km southwest of Green Bridge's South Contact Zone. Both exist along a regional structural corridor associated with an ancient continental rift.

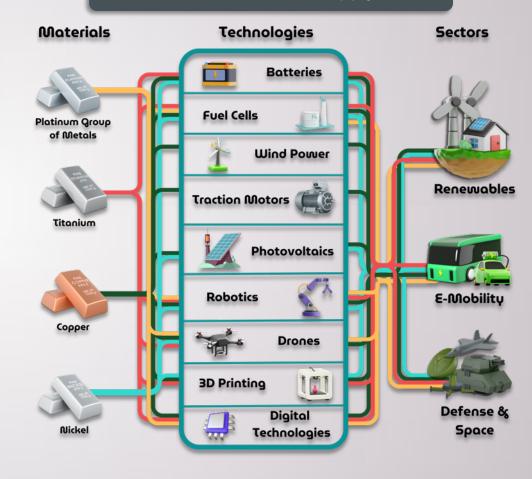
### Importance of Green Metals in US Market



Source: Mineral Commodities Summaries 2023 - US Department of Interior; US Geology Survey

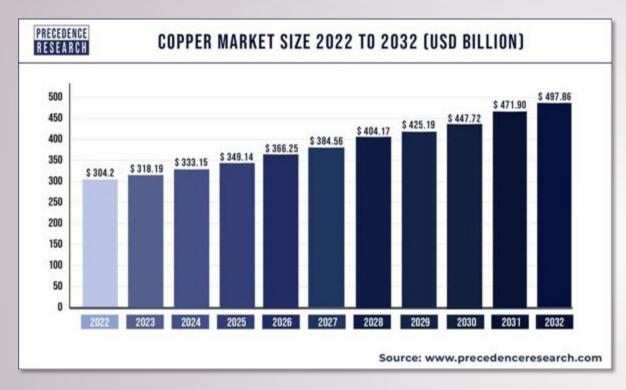
The U.S. relies heavily on unstable foreign sources for critical minerals essential for the clean energy transition, with demand expected to surge. The diagram above illustrates the U.S.'s dependence on imports of green metals.

### Green Metals and their Supply Chain 1

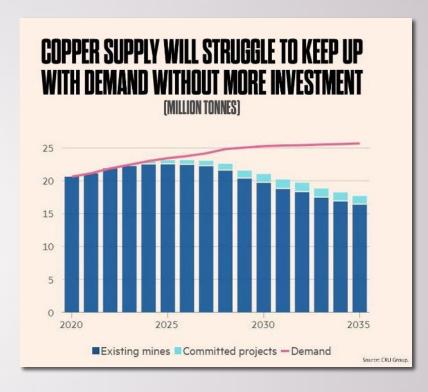




## Global Copper Outlook (Market Size & Supply Shortage)



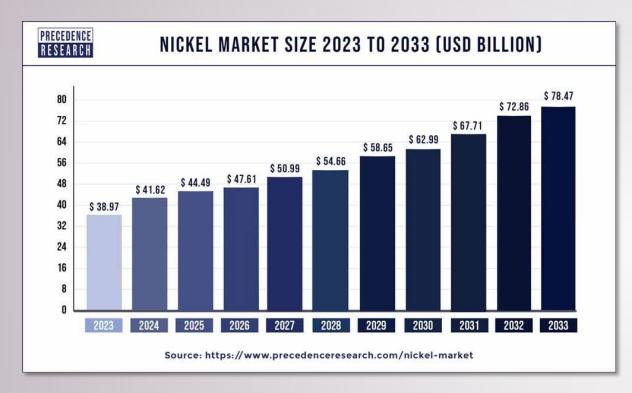
- The global copper market is expected to reach USD 497.86 billion by 2032.1
- North America is expected to lead rapid copper market growth, driven by strong demand in construction, electronics, automotive, and renewables.



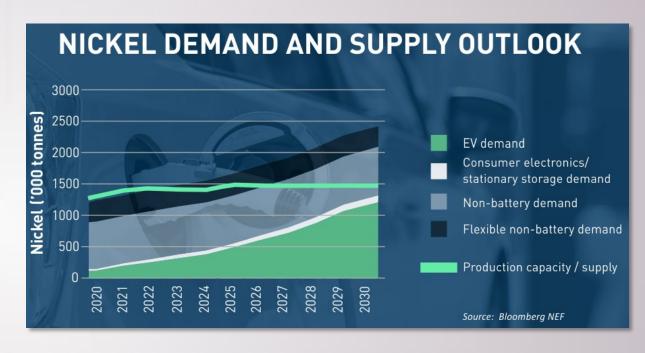
- A 2022 S&P Global study found that copper supply shortfalls begin in 2025 and last through most of the following decade.<sup>2</sup>
- The U.S. has set decarbonization targets, including 100% decarbonized electricity by 2035 and 50% zero-emission vehicle sales by 2030, which are expected to significantly boost copper demand.<sup>2</sup>



## Global Nickel Outlook (Market Size & Supply Shortage)



- The global nickel market is expected to reach USD 78.47 billion by 2033.1
- North America is gearing up for accelerated growth in the nickel market due to rising demand in electric vehicles (EVs) and renewable energy applications.



- Nickel demand is expected to exceed supply, significantly driven by the surge in electric vehicle production.
- Nickel is the most important metal by mass in the lithium-ion battery cathodes. 2



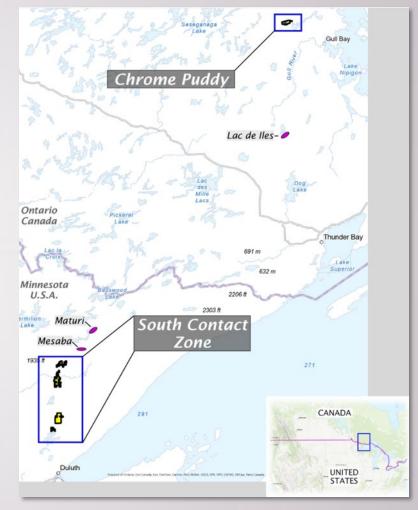
## Copper and Critical Mineral Focus in North America

#### **South Contact Zone Properties – New Acquisition:**

- Copper Nickel Titanium along the southern basal contact of the Duluth Complex, Minnesota
- South Contact Properties represents an underexplored copper-nickel district within the Duluth Complex, with high potential for discovery.
- Historical drilling and geophysical surveys provide clear drill ready targets across the four project areas
- Styles of mineralization include massive Cu-Ni, disseminated Cu-Ni, and titanium-vanadiumcopper
- Historical inferred mineral resource of 45 million tonnes averaging 15% TiO<sub>2</sub>\*1

#### **Chrome Puddy Property:**

- Nickel-PGM-Cu mineralization within the Thunder Bay Mining district, Ontario
- Historical mineral resource estimate of 30Mt at 0.27% Ni<sup>2</sup>. Exploration will target similar grades based on historical drilling over a 1.9 km strike length.
- Several untested conductors within 5.5 km long ultramafic intrusion that hosts the mineralization provides considerable exploration upside
- Property is fully permitted for drilling



<sup>\*</sup>The Company and the QP have referred to this estimate as a "historical Mineral Resource Estimate (MRE)" and are not treating it, or any part of it, as a current MRE. A QP has not done sufficient work to classify the historical estimate as a current MRE and the MRE predates current CIM standards.

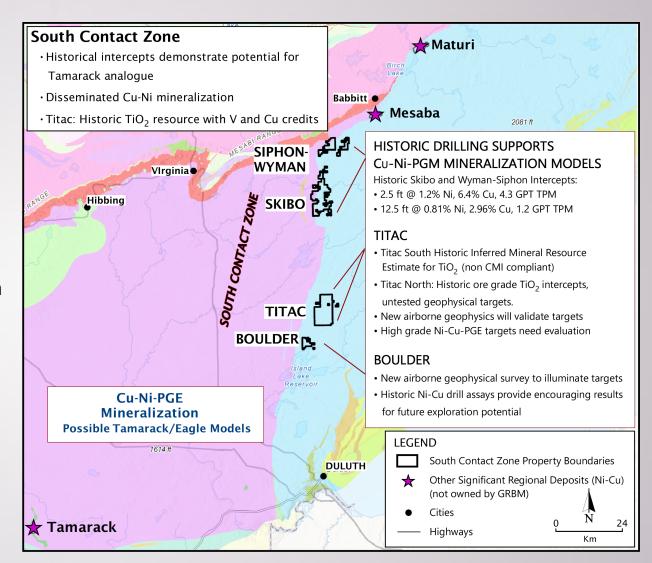
<sup>&</sup>lt;sup>1</sup>LFarrow, D., Johnson, M., (2012), *January 2012 National Instrument 43-101Technical Report on the Titac Ilmenite Exploration Project, Minnesota, USA*. SRK Consulting (Canada) Inc. SRK Project Number 2CC031.004. Cardero Resources Corp.



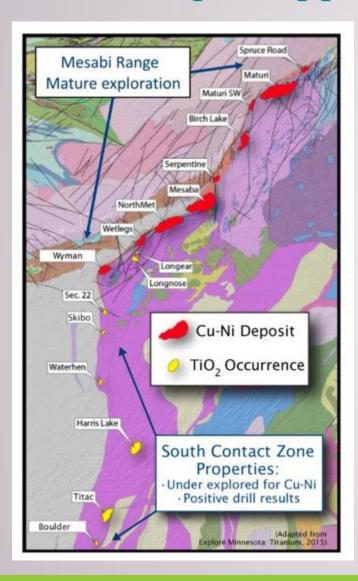
### South Contact Zone (SCZ):

#### Underexplored Region of the Duluth Complex

- Four Cu-Ni properties and provides district scale exploration opportunity over a 100 km strike length within 8,460 hectares
- Historical drilling on each of the properties demonstrates Cu-Ni±PGEs and/or Ti-Cu mineralization
- Opportunities for high-grade massive sulfide and disseminated styles of Cu-Ni ±PGEs mineralization
- Emerging exploration model for oxidized ultramafic intrusions for both Cu-Ni ±PGEs and Ti-Cu mineralization



## SCZ: Multiple Opportunities



#### Siphon-Wyman:

- Disseminated copper nickel mineralization
- Mineralized system is open to the east and south
- Untested electro-magnetic conductors provide high quality exploration targets

#### Skibo:

- Underexplored nickel copper prospect copper-nickel mineralization
- 3.5 km long magnetic anomaly waiting to be drill tested
- Historical drill intercepts contain Ni from <0.5% to 1.6%, Cu ranges from 0.2% to 0.6% and up to 4.3 ppm PGM\*

#### Titac:

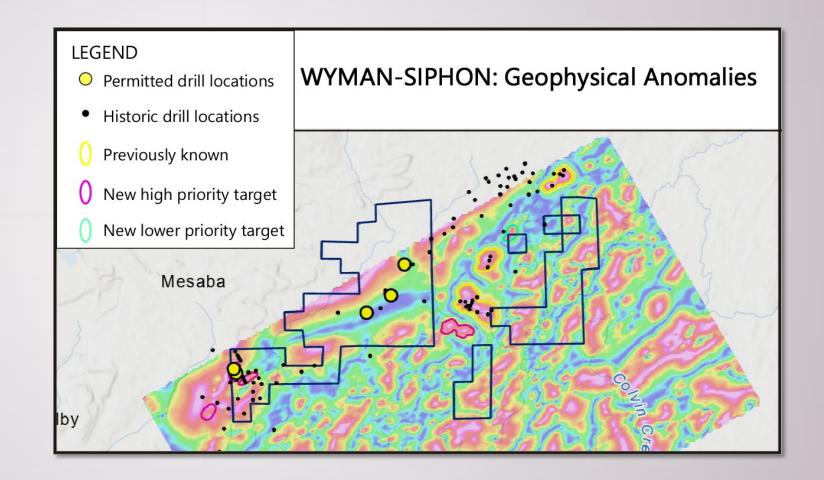
- Advanced exploration project with a historical TiO<sub>2</sub> estimate. The Company is working to generate a new, current Technical Report to include the mineral resource estimate here.
- Potential to significantly expand the mineralized area based on historical drilling and magnetics survey
- Strong potential for disseminated copper credits within the host oxidized ultramafic intrusion

#### **Boulder:**

- Numerous magnetic anomalies and conductors that are untested
- Exploration potential for both Ni-Cu±PGEs as well as Ti-V mineralization
- Untested electro-magnetic conductors

## SCZ: Siphon-Wyman Property Proven Disseminated Cu-Ni

- Property comprised of 1,360 Hectares
- Presence of disseminated Cu-Ni mineralization based on historical drilling (best intercepts)
- Numerous untested electromagnetic conductors
- Reasonable potential for TiO<sub>2</sub> and V observed in historical drilling

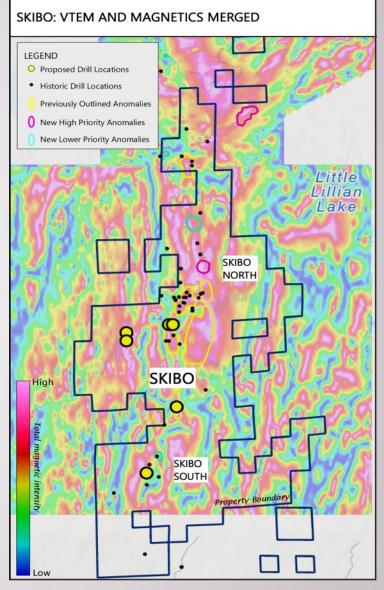


### SCZ: Skibo Property Magnetics

- Property comprised of 3,108 Hectares
- Mineralization associated with a 5.6 km long magnetic anomaly
- Identified disseminated Cu-Ni mineralization hosted within Oxidized Ultramafic Intrusion (OUI)
- Historical high-grade massive sulphide mineralization (best intercepts)
- Numerous untested high-priority electro-magnetic conductors
- Historical drilling produced substantial copper and nickel intercepts:

101 m of 0.32% Cu, 0.27% Ni 86.5 m of 0.31% Cu, 0.18% Ni

\*OP has reviewed historical assay certificates to validate intercept values reported. Sufficient work has not been done to calculate independent intercepts by the Company



### SCZ: Skibo Historic Drill Core: 3.7m of 2.96% Cu, 0.81% Ni & 1.2g/t PGM



Massive and vein Cu-Ni mineralization observed beneath **Oxidized Ultramafic Intrusion** 

Disseminated and vein type **Cu-Ni±PGE** mineralization above high-grade intercept in photo

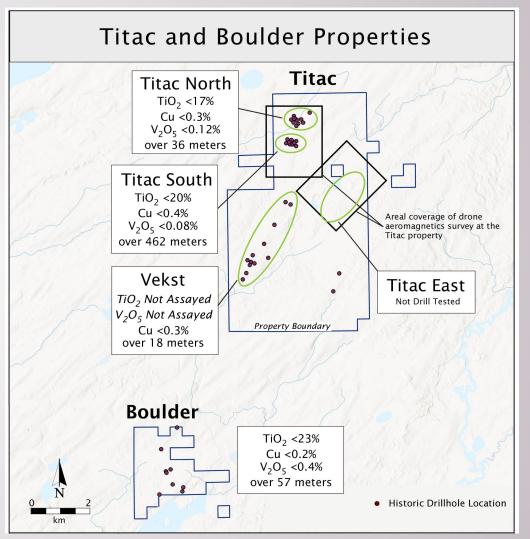
### SCZ: Titac and Boulder Properties

### **Titac Property**

- Comprised of 3,992 Hectares
- Titac includes four unique prospects: Titac North, Titac South, Titac East, and Vekst
- Limited historic drill testing has demonstrated Ti-V±Cu mineralization
- Numerous untested magnetic highs provide targets for drilling.

#### **Boulder Property**

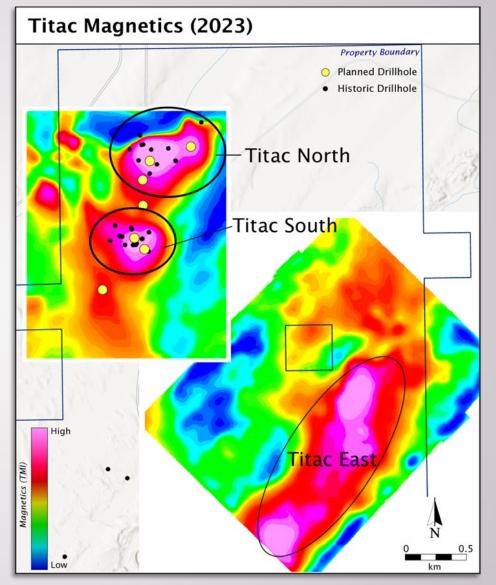
- Comprised of 532 Hectares
- Strong Cu-Ti-V potential based on recognized oxidized ultramafic intrusions
- 2024 plan includes airborne VTEM survey over both Titac and Boulder to further delineate drill targets



### SCZ: Titac Drill Plan

- Follow up on historical drilling at Titac South and North
- Delineation of a current and expanded Mineral Resource may be possible with additional drilling at Titac North
- Significant disseminated copper mineralization: 145.1m of 0.4% Cu, 14.9% TiO<sub>2</sub> 461.9m of 0.4% Cu, 20.6% TiO<sub>2</sub>
- Titac East provides open ground with abundant targeting potential along highly conductive zones
- Project has Minnesota State Support

Historical assay certificates have been reviewed by the QP and reported intercepts have been calculated independently



## South Contact Zone (SCZ) 2024 Exploration Budget

### YEAR 1



- Airborne survey over the Titac Boulder land package: \$300,000
  - Catalysts associated with the survey.
    - Delineation of additional magnetic bodies that have the strong potential for Ti-V-Cu mineralization
    - Refinement and identification of conductors that were surveyed from 1960s vintage data sets in the Boulder area.



- 1500 meters of drilling at Skibo: \$925,000 (total all in cost)
  - Tests will be on undrilled conductors that have the potential for Cu-Ni sulphide mineralization
  - Potential to also expand upon the disseminated Cu-Ni system that was historically drilled within an oxidized ultramafic intrusion that also has strong potential for Ti-V mineralization.

### YEAR 2



Plans to drill additional targets. Year 2 envisions 2,500 meters of drilling at a cost of \$1.625 million.

### YEAR 3



Success in Year 2 will lead to an accelerated investment in Year 3, contemplating 5,000 meters of drilling for \$3.25 million.

### Ontario's New Critical Minerals Strategy

Strategy Will Unlock Ontario's Mineral Potential And Support A Made-in-Ontario Electric Vehicle Supply Chain

Ontario's supply of critical minerals, processing capabilities and proximity to North American manufacturing hubs makes the province an ideal place for mineral exploration and investment.

#### **Priorities:**

- Enhancing geoscience information and <u>supporting critical minerals</u> <u>exploration</u>
- Growing domestic processing and creating resilient local supply chains
- Improving the regulatory framework to make the mining industry more globally competitive
- Investing in innovation, research and development
- Building economic development opportunities with Indigenous partners
- Growing labour supply and developing a skilled labour force

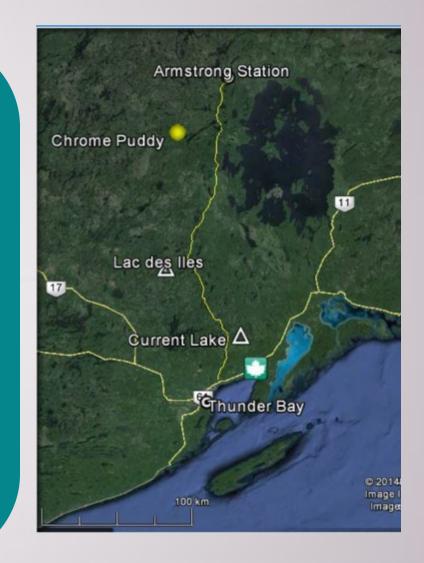
Source: 1. Province's First-Ever Critical Minerals Strategy Positions Ontario as Global Leader | Ontario Newsroom 2. Ontario Junior Exploration Program



"The Chrome Puddy project has already received a \$63,800 OJEP<sup>2</sup> grant in 2022, and we will look for further funding as we plan to make a significant contribution to Ontario's Critical Mineral Strategy"

### Chrome-Puddy Overview

- Located within Thunder Bay Mining Division 85km north of Lac des Isles Palladium Mine
- 1450 Hectares covering 6.5km of prospective ultramafic intrusion
- Road access to eastern property boundary 27km from Highway 527
- Historical resource 30 Mt of 0.25% to 0.28% Ni over 1.9km strike length<sup>1\*</sup>
- Exploration to target similar grades in drill phase
- Surface mineralization in grab samples suggests system can be expanded
- Untested conductors provide additional exploration opportunities to significantly expand the mineralized system



<sup>\*</sup>The Company and the QP have referred to this estimate as a "historical Mineral Resource Estimate (MRE)" and are not treating it, or any part of it, as a current MRE. A QP has not done sufficient work to classify the historical estimate as a current MRE and the MRE predates current CIM standards.



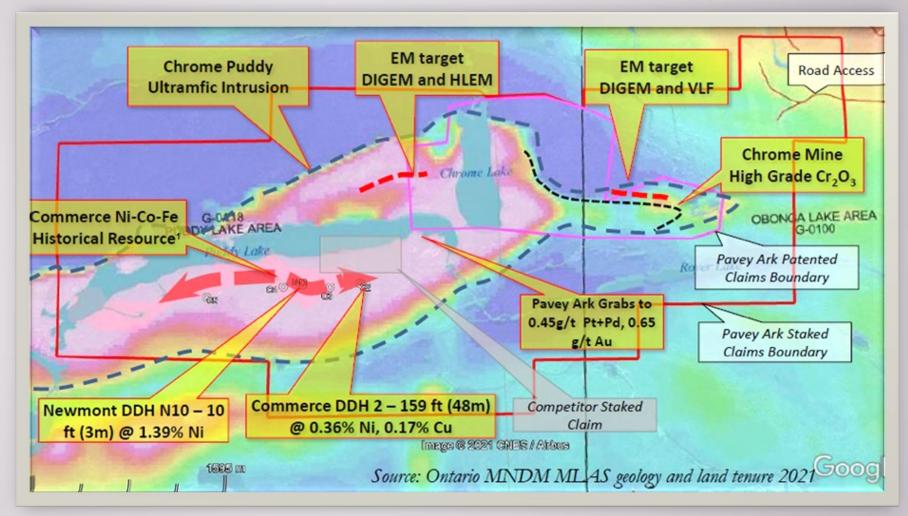
### Chrome-Puddy: Historical Mineralization and targets

## **Chrome-Puddy Ultramafic Intrusion:**

6.5 km strike length, 1.75 km width

## Primary lithologies include:

Dunite, peridotite, and pyroxenite



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REEN BRIDGE METALS

### Danby Triangle Project

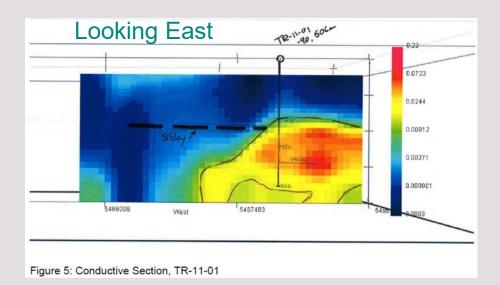
#### Overview

- > 100% interest of the Dandby Triangle Property.
- > 1,504 ha Magmatic Sulphide Ni-Cu-PGM target
- > 122 km north of the city of Thunder Bay, 40km of the Lac des lles Palladium Mine.
- Property is comprised of seven contiguous staked claims

#### **Property Highlights**

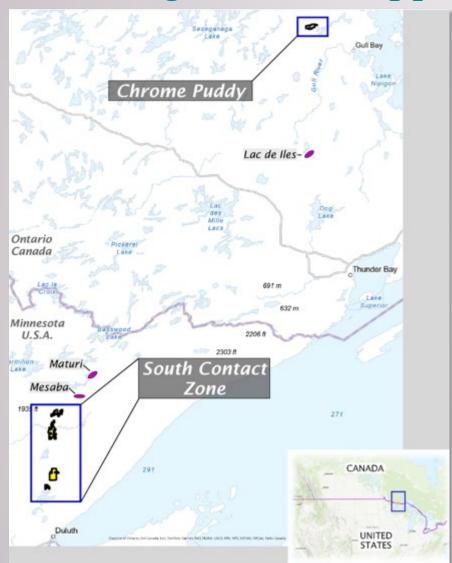
- Strongly anomalous Cu, Pt, Pd, Au and Cr lake sediment geochemistry
- > Significant magnetic high and associated 4 mgal gravity anomaly
- ➤ Magnetic inversions model a large magnetic body with >2 km depth extent
- Strong VTEM anomaly defined by reconnaissance survey that has not been explained by previous drilling
- ➤ Layered gabbro/metapyroxenite with anomalous Pt+Pd+Au, Ni, Cu, Cr values intersected in TR11-01 a 501 m vertical drill hole by PGM Ltd.
- Untested off-hole BHEM response identified by Crone Geophysics in PGM Ltd's TR11-01 hole

TR-11-01 was drilled to test a deep conductive body that was modeled at the very southern end of one of the reconnaissance VTEM lines. The anomaly was poorly defined but large in size .... The initial depth was 350m, extended to 501 meters after a downhole EM survey showed a large conductive body off the end of the hole. The conductor has not been fully explained as a second downhole survey still showed a large conductor offhole<sup>2</sup>



Source: 1. MICH RESOURCES ENTERS INTO DEFINITIVE AGREEMENT TO ACQUIRE 100% INTEREST IN THUNDER BAY, ONTARIO EV METALS PROPERTY (yahoo.com) | 2
(VanEgmond, PGM Ltd., 2013).

## Green Bridge Metals Opportunity Summary



#### SOUTH CONTACT ZONE

- District Scale land package with enormous potential for critical mineral discovery and growth
- Realized potential for substantial nickel and copper, as well as a titanium-vanadium mineralization
- Mining friendly jurisdiction in the United States
- Possible source to contribute critical minerals for a North American supply chain

#### **CHROME-PUDDY**

- Located 85 km north of the Lac de lles Palladium Mine in the Thunder Bay Mining District
- Nickel-copper-PGM sulphide targets developed
- Drill ready for permitting