



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



INVESTOR PRESENTATION

December 2024

## Forward Looking Information Disclaimer

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.

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# Investment Highlights

## 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 Strategic Minerals

Sourcing strategic minerals for the energy transition in North America.  
Leveraging and growing existing resource base  
Focusing on copper, nickel, vanadium and titanium

## Significant Existing Current and Historical Resources

TiO<sub>2</sub> inferred resource of 46.6 Mt at a grade of 15.0% TiO<sub>2</sub> - Minnesota<sup>1</sup>  
Historical resource 30MT grading 0.27% Ni, Chrome Puddy property, Ontario (Non-CIM Compliant)\*<sup>2</sup>

## Catalysts

Titac Resource expansion – Preliminary Economic Assessment to start Q4 2025  
Chrome Puddy has compelling drill targets to define a current resource

<sup>1</sup>Dufresne, M.B., et al. 2024. “Technical Report and Mineral Resource Estimate for the South Contact Zone Project, St Louis County, Minnesota, USA”. Apex Geoscience Ltd. Edmonton, AB, Canada. Green Bridge Metals Corp. September 18, 2024

<sup>2</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.

\*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

## Projects

|            |                          |
|------------|--------------------------|
| Name       | South Contact Zone       |
| Location   | Minnesota, U.S.A         |
| Mineralogy | High grade Cu, Ni, Ti, V |
| Stage      | Exploration/Development  |

|            |                               |
|------------|-------------------------------|
| Name       | Chrome-Puddy Property         |
| Location   | Thunder Bay Mining District   |
| Mineralogy | High grade CU, Ni, Au, Pt, Pd |
| Stage      | Exploration                   |

## Capital Structure

|   |                  |               |
|---|------------------|---------------|
|  | CSE LISTING      | GRBM          |
|  | SHARE PRICE      | \$0.20        |
|  | I/O SHARES       | 90,710,505    |
|  | MARKET CAP (CAD) | \$18.1M       |
|  | 52 WEEK HIGH/LOW | \$0.56/\$0.04 |

All Figures as of December 2, 2024, unless stated otherwise

# 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.



## **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.



## **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.



## **Dr. Ajeet Milliard, Chief Geologist**

Dr. Milliard is an accomplished exploration geologist with over 14 years of experience in metals exploration. She holds a PhD in Economic Geology from the University of Nevada, Reno and an M.Sc. in Structural Geology from Oregon State University. Previously, she was part of the exploration team at Newmont Mining, contributing to the development of the Long Canyon Mine in Nevada. For the past five years, Dr. Milliard has excelled in the junior mining sector, specializing in project generation, management, and evaluation.



## **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 Gulka, CFO**

Mr. Gulka brings over 30 years of experience in capital markets and public markets. In 1999, he founded Working Capital Corporation, a corporate finance firm specializing in valuations, due diligence, corporate finance, and management consulting. Over the years, he has held CFO and director positions with various public companies across sectors such as mining, oil and gas, cannabis, and industrial. He holds a Bachelor of Commerce with Distinction from the University of Alberta (1990) and is a Chartered Financial Analyst (CFA) and Chartered Professional Accountant (CPA).

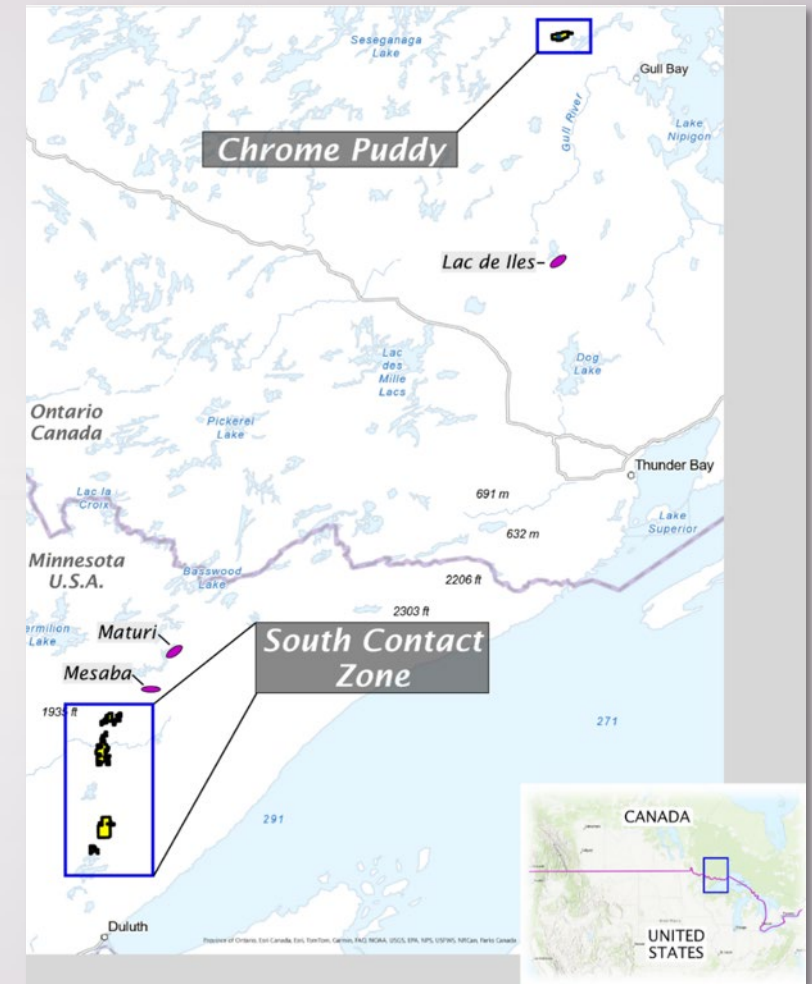
# Critical Mineral Focus in North America

## South Contact Zone Properties – New Acquisition:

- Copper(Cu) – Nickel(Ni) – Titanium(Ti) – Vanadium(V) along the southern basal contact of the Duluth Complex, Minnesota
- NI 43-101 Technical report Sept 2024 – 46.6 M tonnes  $TiO_2$  @ 15%  $TiO_2$ <sup>1</sup>
- South Contact Properties represent an underexplored copper-nickel-titanium-vanadium district.
- Historical drilling and geophysical surveys provide clear drill ready targets across the four project areas

## Chrome Puddy Property:

- Nickel-Platinum Group Element (PGE) mineralization within the Thunder Bay Mining district, Ontario
- Historical mineral resource estimate of 30Mt at 0.27%  $Ni^2$ . 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>1</sup>Dufresne, M.B., et al. 2024. "Technical Report and Mineral Resource Estimate for the South Contact Zone Project, St Louis County, Minnesota, USA". Apex Geoscience Ltd. Edmonton, AB, Canada. Green Bridge Metals Corp. September 18, 2024.

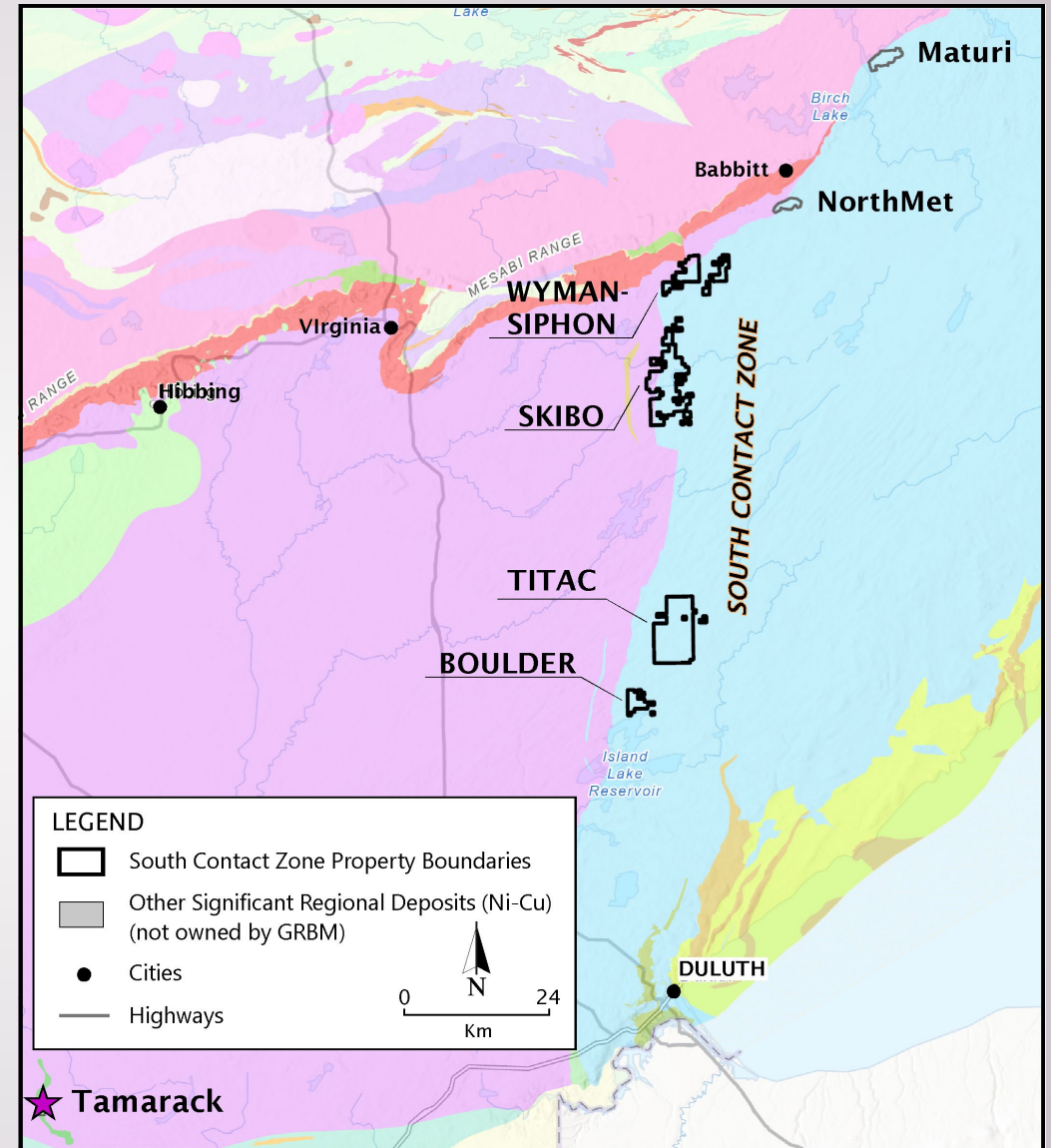
<sup>2</sup>L'Heureux, R.B., Schoeman, P.. 2024. "Updated Technical Report for the Chrome Puddy Property, Ontario, Canada". Apex Geoscience Ltd. Edmonton, AB, Canada. Green Bridge Metals Corp. May 31, 2024.

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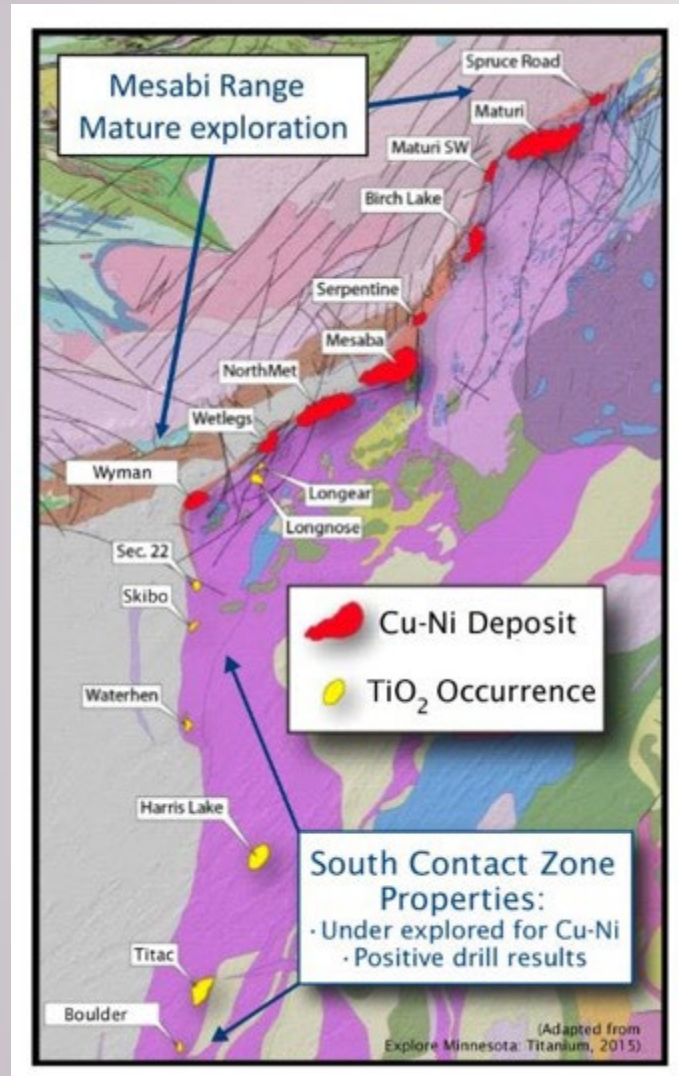
# South Contact Zone (SCZ):

## Underexplored Region of the Duluth Complex

- Four Cu–Ni–Ti–V properties provide district scale exploration opportunity over a 100 km strike length within 8,460 hectares
- Historical drilling on each property demonstrates Cu–Ni±PGE's and/or Ti–V mineralization
- Opportunities for high-grade massive sulphide and disseminated styles of Cu–Ni ±PGEs mineralization
- Emerging exploration model for oxidized ultramafic intrusions for both Cu–Ni ±PGEs and Ti–Cu mineralization
- Current titanium inferred mineral resource and prospectivity to expand the known resource in 2025



# SCZ: Multiple Opportunities



## ➤ Titac:

- Current Ti Mineral Resource Estimate resource is expandable in all directions
- Historical drilling at Titac North 500m to the north of current resource provides clear potential to expand the resource base.
- Clear geophysical targets are located 1km east of resource and have not been drilled
- Potential for disseminated Cu and V credits within the host oxide ultramafic intrusion
- Preliminary Economic Assessment planned for Q4 2025

## ➤ Boulder:

- Geologically similar to Titac. Numerous magnetic anomalies and conductors are untested
- Exploration potential for both Ni-Cu±PGE's as well as Ti-V mineralization

## ➤ Skibo:

- 3.5 km long magnetic anomaly demonstrates the potential for scale.
- Historical high-grade drill intercepts Ni-Cu+ PGE with potential for Ti-V mineralization

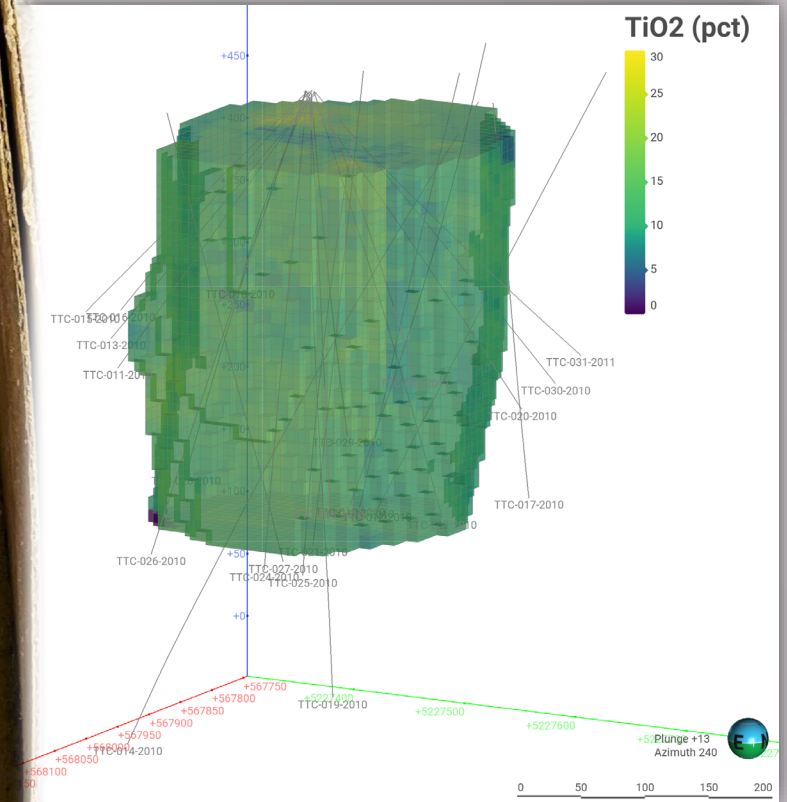
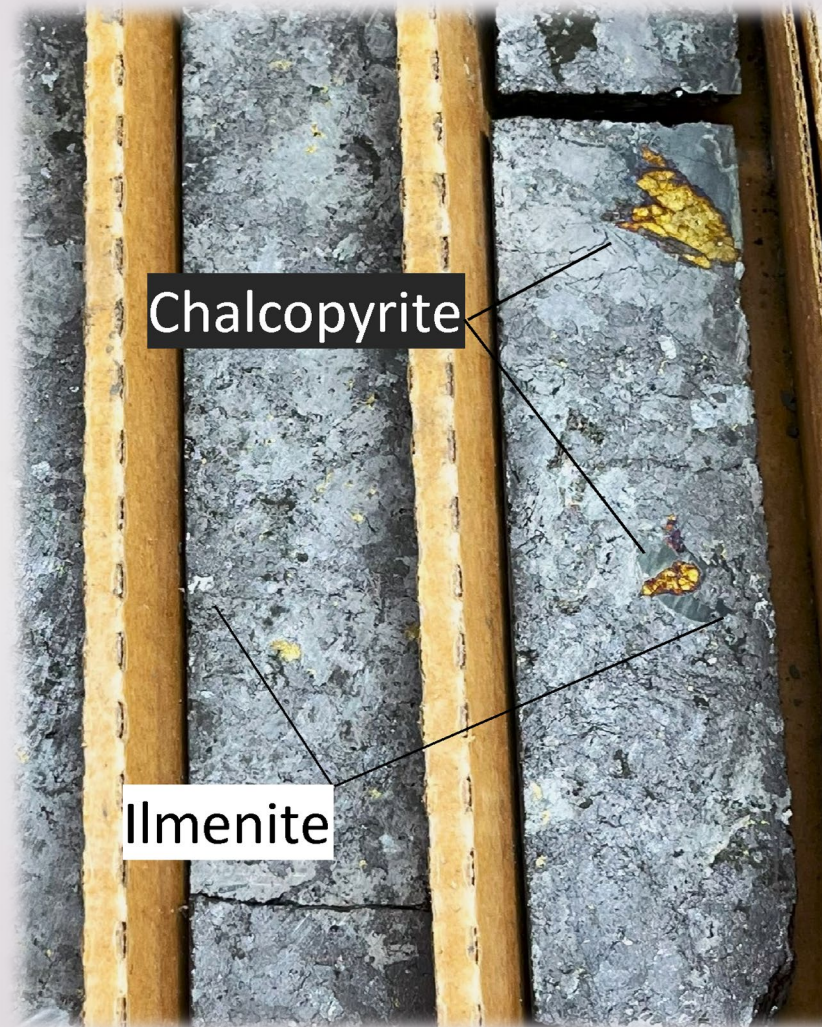
## ➤ Wyman-Siphon:

- Disseminated and massive Cu-Ni mineralization in historical drilling
- Untested electro-magnetic conductors provide high quality exploration targets



# SCZ: Titac Titanium Resource

- 46.6 Mt of  $\text{TiO}_2$  hosted in ilmenite mineralization
- 13.3 Mt of ilmenite delineated with a value of \$350 per tonne
- Significant disseminated copper mineralization at Titac South - potential value driver:
  - 145.1m of 0.4% Cu, 14.9%  $\text{TiO}_2$ \*
  - 461.9m of 0.4% Cu, 20.6%  $\text{TiO}_2$ \*
- Average grade: 15%  $\text{TiO}_2$
- Resource is expandable in all directions



Oblique view of the Titac South block model evaluating  $\text{TiO}_2$ .

# SCZ: Titac Growth Plan

- Clear potential at Titac North to expand resource  
Historical drill intercepts from 2010:

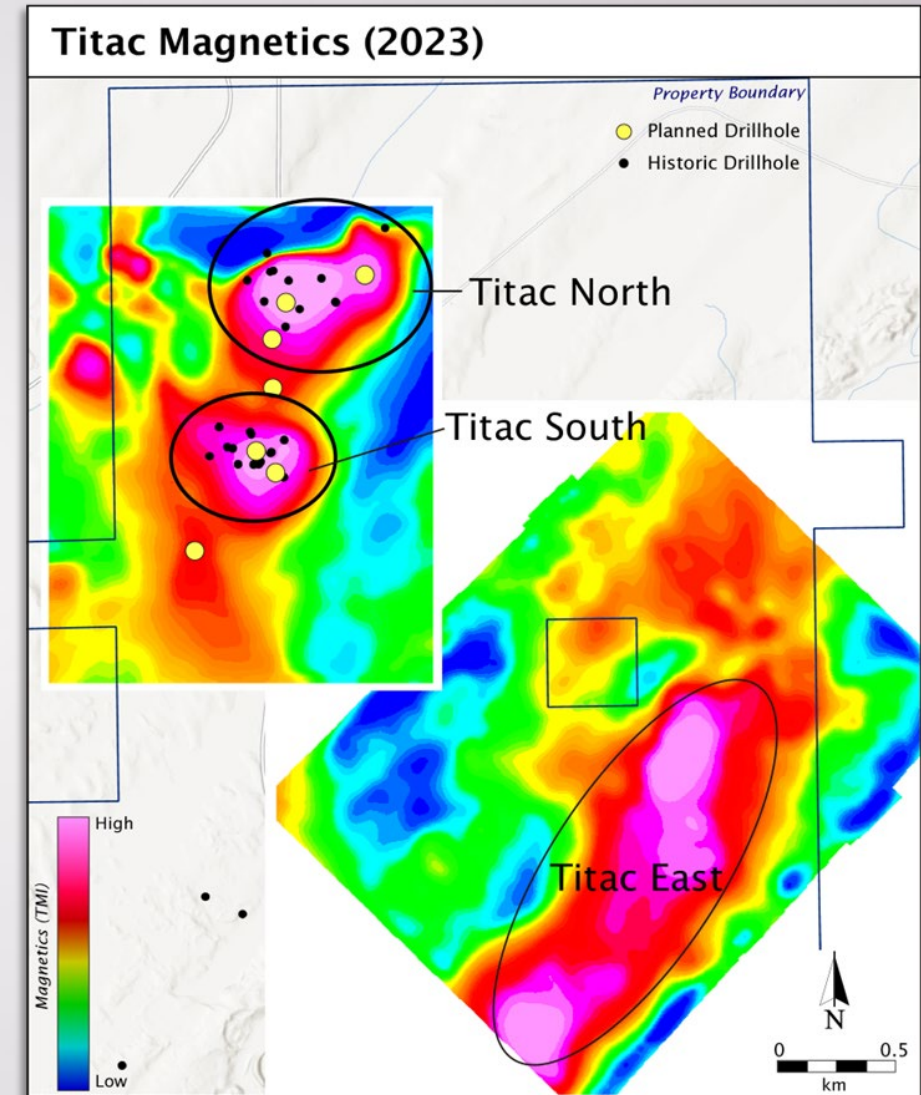
| HOLE ID      | From (m) | To (m) | Interval (m) | TiO2 (WtAvg %) | Cu (WtAvg%) | V (WtAvg%) |
|--------------|----------|--------|--------------|----------------|-------------|------------|
| TTC-003-2010 | 29.0     | 285.3  | 256.3        | 14.80          | 0.12        | 0.09       |
| TTC-004-2010 | 24.08    | 334.37 | 310.29       | 13.94          | 0.16        | 0.09       |
| TTC-005-2010 | 24.08    | 520.3  | 496.21       | 14.06          | 0.16        | 0.09       |
| TTC-006-2010 | 17.7     | 96.9   | 79.3         | 11.99          | 0.23        | N/A        |
| TTC-007-2010 | 108.5    | 382.3  | 273.8        | 10.13          | 0.14        | N/A        |

"N/A" = Not Reported

TiO2 reported by whole rock analysis (ME-ICP06) at ALS Laboratory Group (2011)

Cu and V reported by four acid trace element analysis (ME-MS81 or ME-4ACD81) at ALS Laboratory Group (2011)

- At Titac South resource potential remains open in all directions
- Titac East provides clear geophysical magnetic target



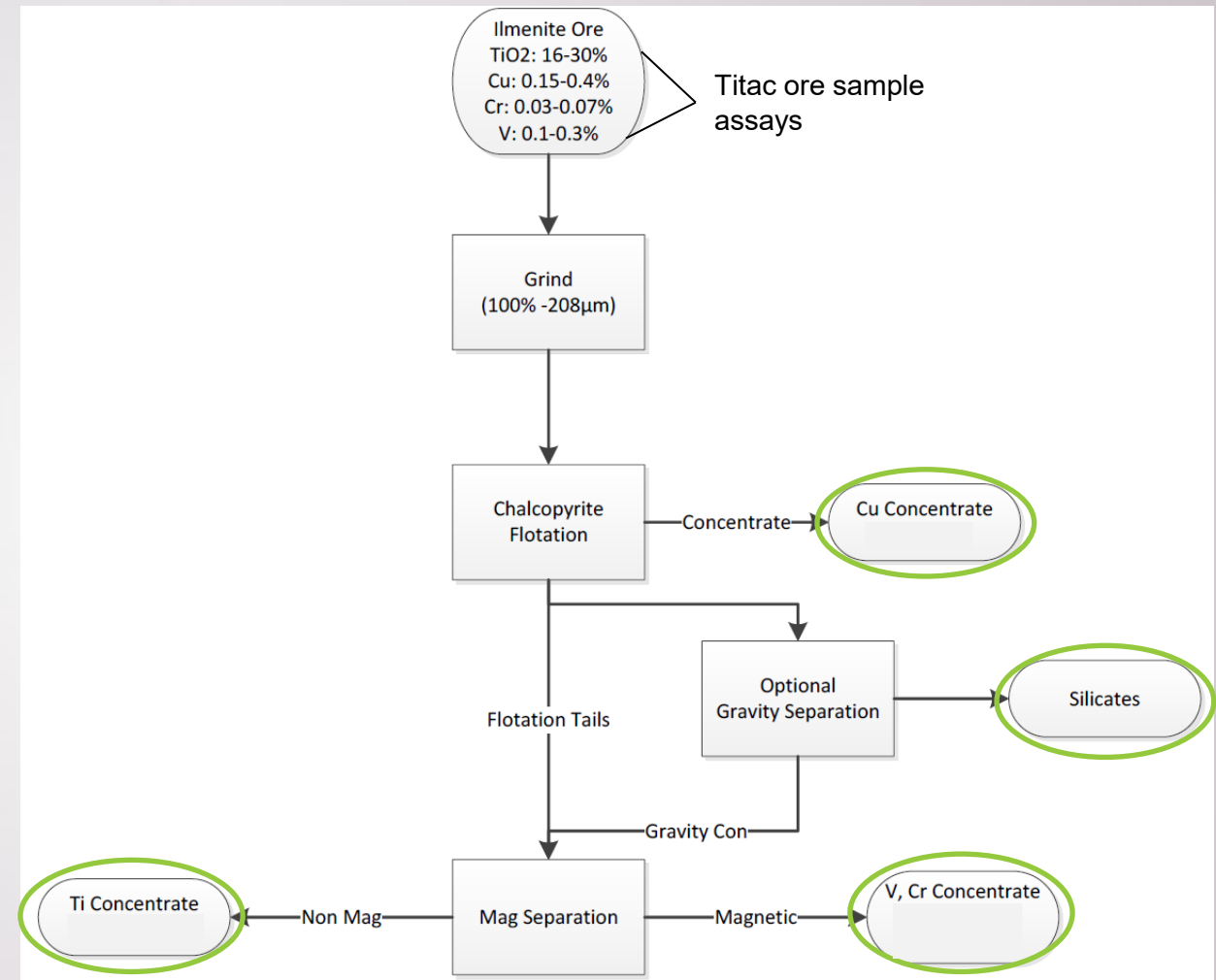
# SCZ: Titac Titanium Resource

## KEY TECHNICAL POINTS

- Inferred Mineral Resource Estimate (MRE) for the Titac South: 46.6 million tonnes of ore at 15% titanium dioxide contained within ilmenite mineralization.
- Ilmenite Contained: 13.3 million tonnes at 28.5% ilmenite - delineated with an average value of \$350 (US) per tonne
- Titac South has potential for significant Copper and Vanadium credits to add value on a per tonne basis
- Future drilling to assay consistently for copper and vanadium to be included in a future MRE update
- Recent advancements in hydrometallurgy processing at Titac demonstrate 64% recovery of ilmenite from which 70% titanium recovery is feasible.
- Significant resource expansion potential at Titac North – 500 m north of current resource based on historical drilling
- Compelling geophysical targets at Titac East show potential for a cluster of deposits.
- Emerging exploration model for OUIs that have distinct geophysical signature – airborne VTEM survey planned for target generation.

# SCZ: Titac Preliminary Ore Processing Flow Sheet

- New advancement in hydrometallurgical processing highlights potential to produce Ti, Cu, and V-Cr concentrates.
- Preliminary Metallurgical investigation conducted by Process Research ORTECH Inc (PRO) (2021) on Titac core samples<sup>1</sup>
- Recovery of Ilmenite from ore: ~64%<sup>1</sup>
- Recovery of Titanium from ilmenite: ~70%<sup>2</sup>
- Product Potential:
  - TiO<sub>2</sub> rutile product with a purity of ~99.5% TiO<sub>2</sub> used as a precursor for pigment manufacture<sup>3</sup>
  - Fe<sub>2</sub>O<sub>3</sub> (hematite) product of >95% Fe<sub>2</sub>O<sub>3</sub> used as a feed stock for direct reduced iron (DRI) processes<sup>3</sup>



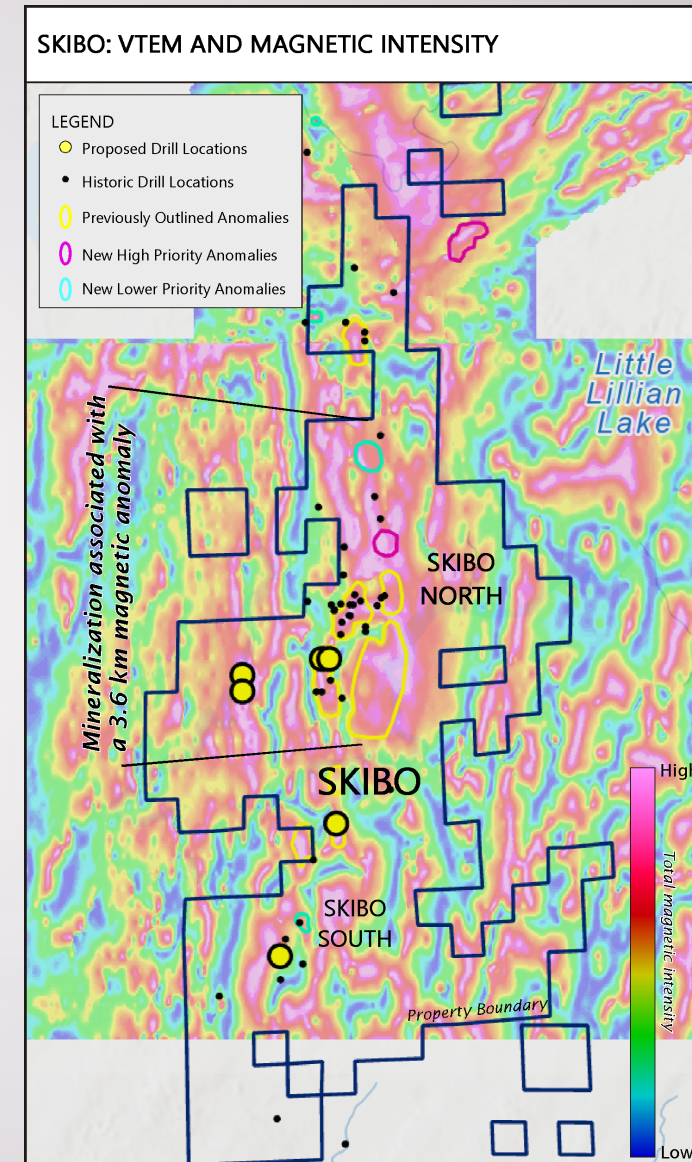
<sup>1</sup>Process Research Ortech Inc. 2021. "Titac Ilmenite Deposit: Metallurgical Recon Investigation" (PRO 21-13). Internal report for Encampment Minerals Inc. December 2, 2021.

<sup>2</sup>Milnar, M. Et. al. 2017. "Pilot-Scale Demonstration of Ilmenite Processing Technology"(NRRI/TR-2017/25). Natural Resources and Research Institute, University of Minnesota Duluth. Process Research Ortech (PRO). May 24, 2017.

<sup>3</sup>Hudak, G., et.al. 2021. "Continuous Pilot-Scale Demonstration of Ilmenite Processing Technology"(NRRI/TR-2021/19). Natural Resources and Research Institute, University of Minnesota Duluth. Process Research Ortech (PRO). May 2021.

# SCZ: Skibo Property Potential

- 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\*
- Numerous untested high-priority electro-magnetic conductors
- Identified disseminated and vein-hosted Cu-Ni mineralization hosted within Oxide Ultramafic Intrusion (OUI)
- At least one new high priority target with potential to be an OUI – prospective test for Cu-Ni as well as Ti-V mineralization
- Potential to expand known mineralization between previously identified intervals with additional assaying.

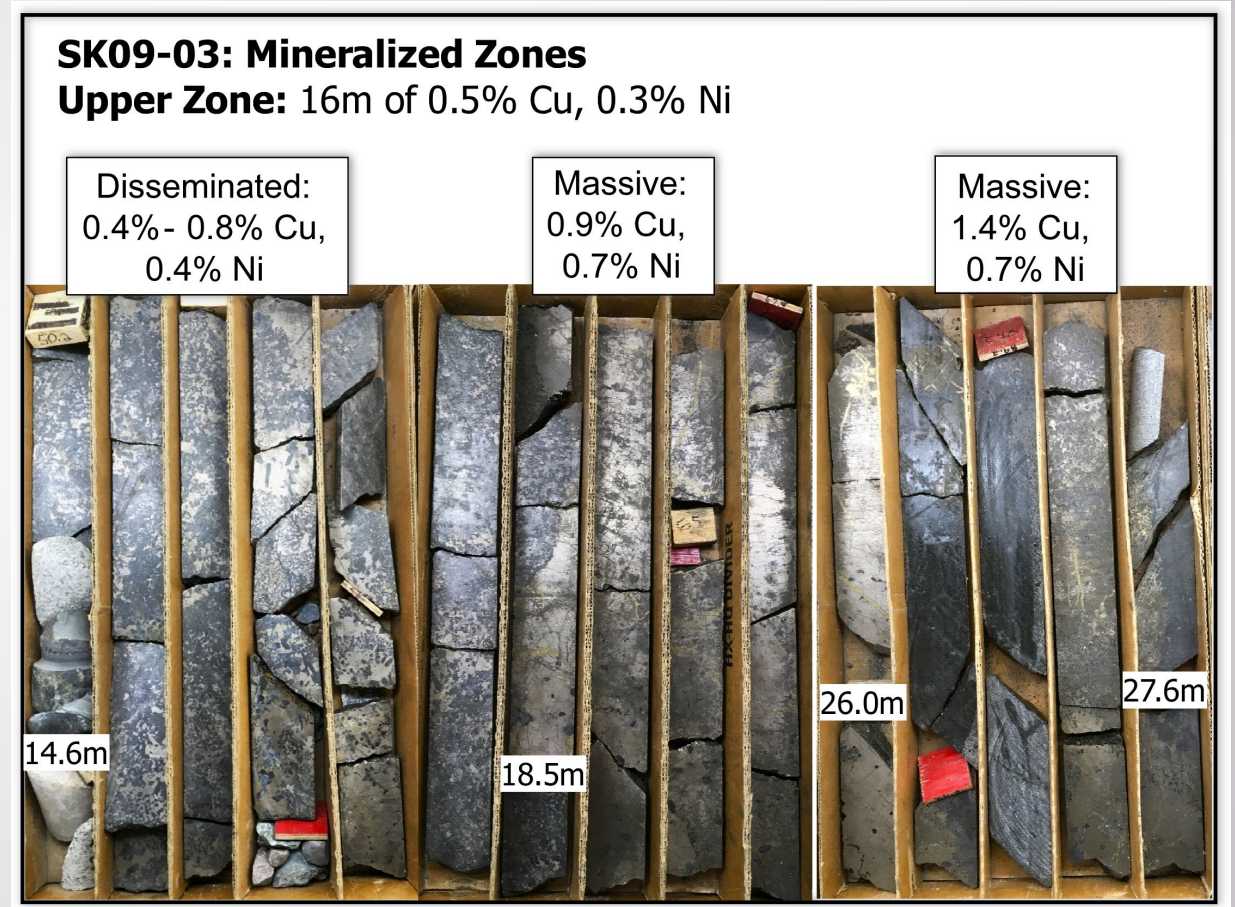


# SCZ: Skibo Historic Drill Core Re-Sampling Program

- Drill core between Cu-Ni intercepts have not been sampled.
- Potential to expand on disseminated Cu-Ni mineralization between previously identified zones with additional assaying.

*Initial check samples from unsampled interval (1.8 m):  
Cu: 0.5%, Ni: 0.1%, 47 ppb Pt, 87 ppb Pd*

- Based on 1,880 meters of planned new sampling of historical drill core, the company feels that expansion of Cu-Ni mineralization and addition of Ti-V mineralization at Skibo is possible.
- Completion of sampling: Q1 2025
- Initial return of assay results: Q1-Q2 2025



## SCZ: Skibo High Grade 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**

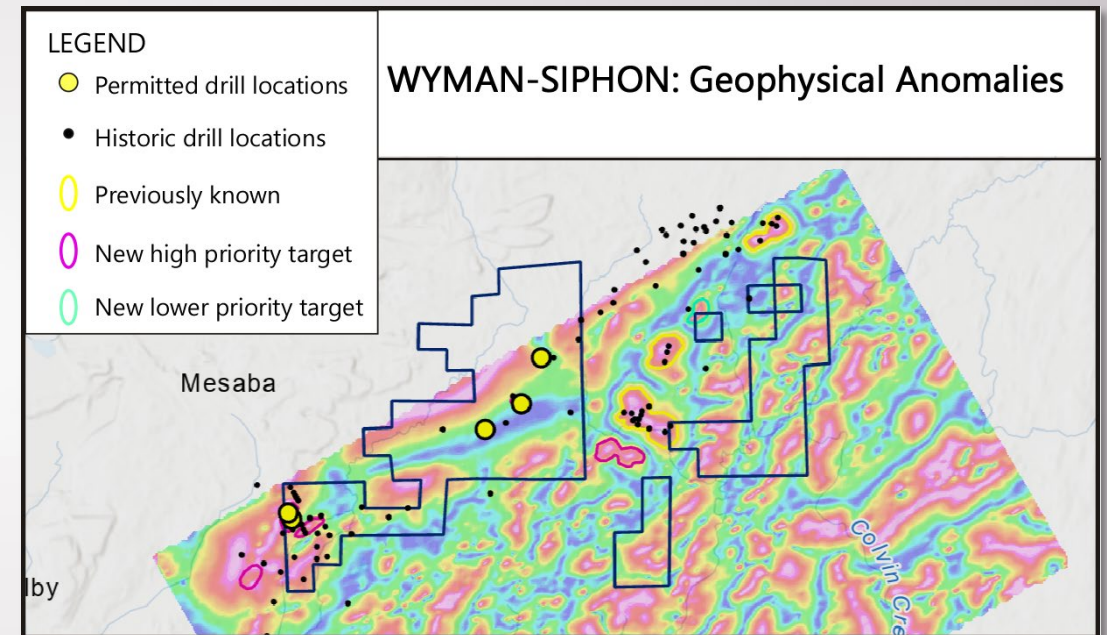
# SCZ: Siphon-Wyman Property Proven Disseminated Cu-Ni

- Presence of disseminated Cu-Ni mineralization based on historical drilling

| HOLE ID             | Location | From (m) | To (m) | Interval (m) | Cu % | Ni % |
|---------------------|----------|----------|--------|--------------|------|------|
| <b>Wyman-Siphon</b> |          |          |        |              |      |      |
| 26136               | Wyman    | 15.8     | 110    | 94.2         | 0.37 | 0.12 |
| 26140               | Wyman    | 56.1     | 158.2  | 102.1        | 0.20 | 0.08 |
| 26144               | Wyman    | 76.5     | 116.7  | 40.2         | 0.38 | 0.17 |
| 26147               | Wyman    | 4.6      | 64.9   | 60.3         | 0.26 | 0.09 |

All sample results are considered historical and were collected and reported prior to the implementation of the standards for disclosure set forth in current NI-43-101 Guidelines. The QP has not done sufficient work to verify sample data, for historic exploration drilling.

- Numerous untested electro-magnetic conductors
- Within the same geologic domain as the NorthMet deposit (NewRange Copper – Teck-Glencore)





# 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.



- 1,885 meters of drill core sampling at Skibo: \$125,000 (total all in cost)
  - Testing of unsampled core from historical drilling has the potential to expand known Cu-Ni sulphide mineralization
  - Potential to add Ti-V mineralization credits to the Cu-Ni mineralization at Skibo

## YEAR 2



- Plans to drill at Titac South and North. Year 2 envisions 4,500 meters of drilling at a cost of \$2.06 million.
- Potential inferred mineral resource update based on drilling at Titac North
- Begin Preliminary Economic Assessment (PEA) at Titac South and North

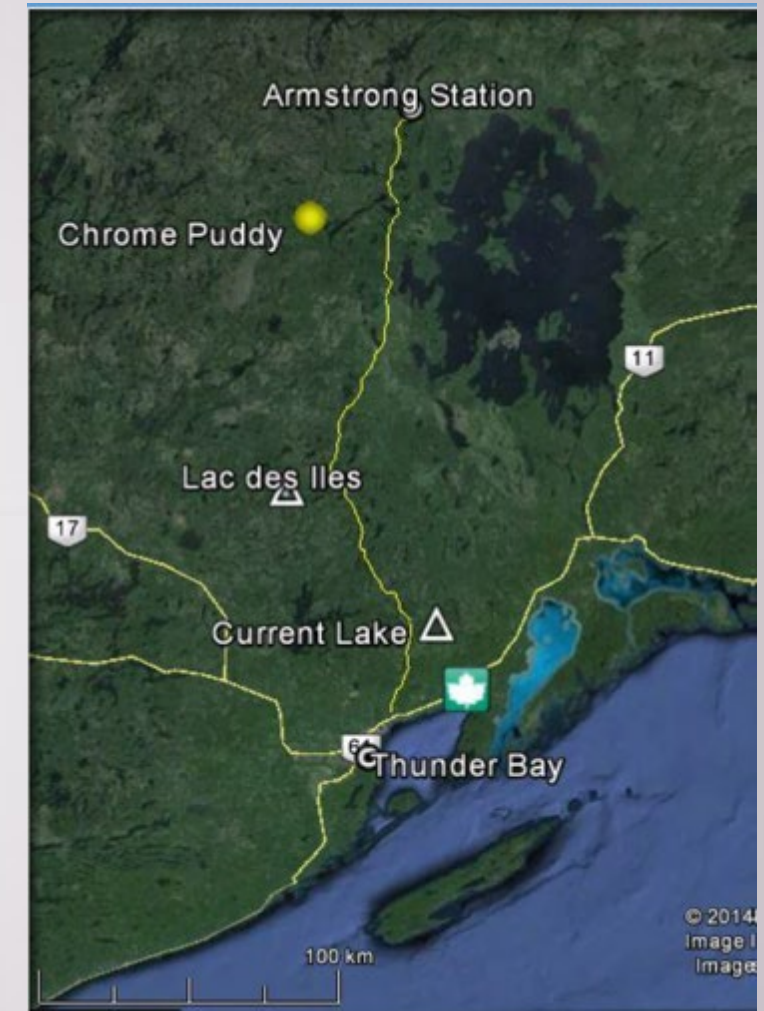
## YEAR 3



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

# 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>
- Mineralization in channel samples indicate system extends beyond historical drilling
- Untested conductors provide additional exploration opportunities to significantly expand the mineralized system



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# Chrome–Puddy: Historical Mineralization and targets

## Chrome-Puddy Ultramafic Intrusion:

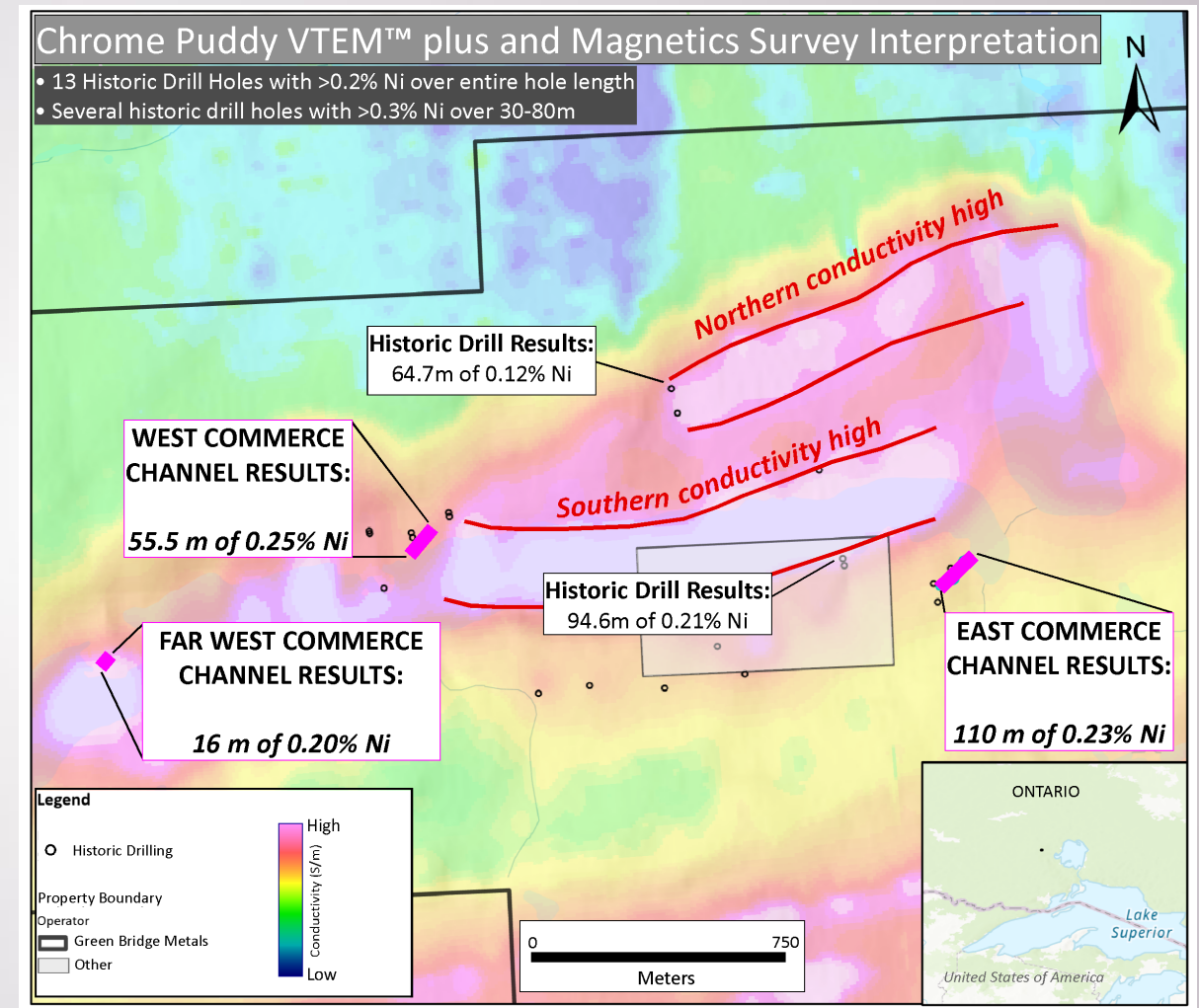
- Strike Length: 6.5 km
- Width: 1.75 km

## VTEM Results:

- Untested northern conductivity high – 1km x 200 m
- Southern conductivity high 1.5km x 400 m. Only the edge has been drill tested with historical results up to 94.6m of 0.21% Ni

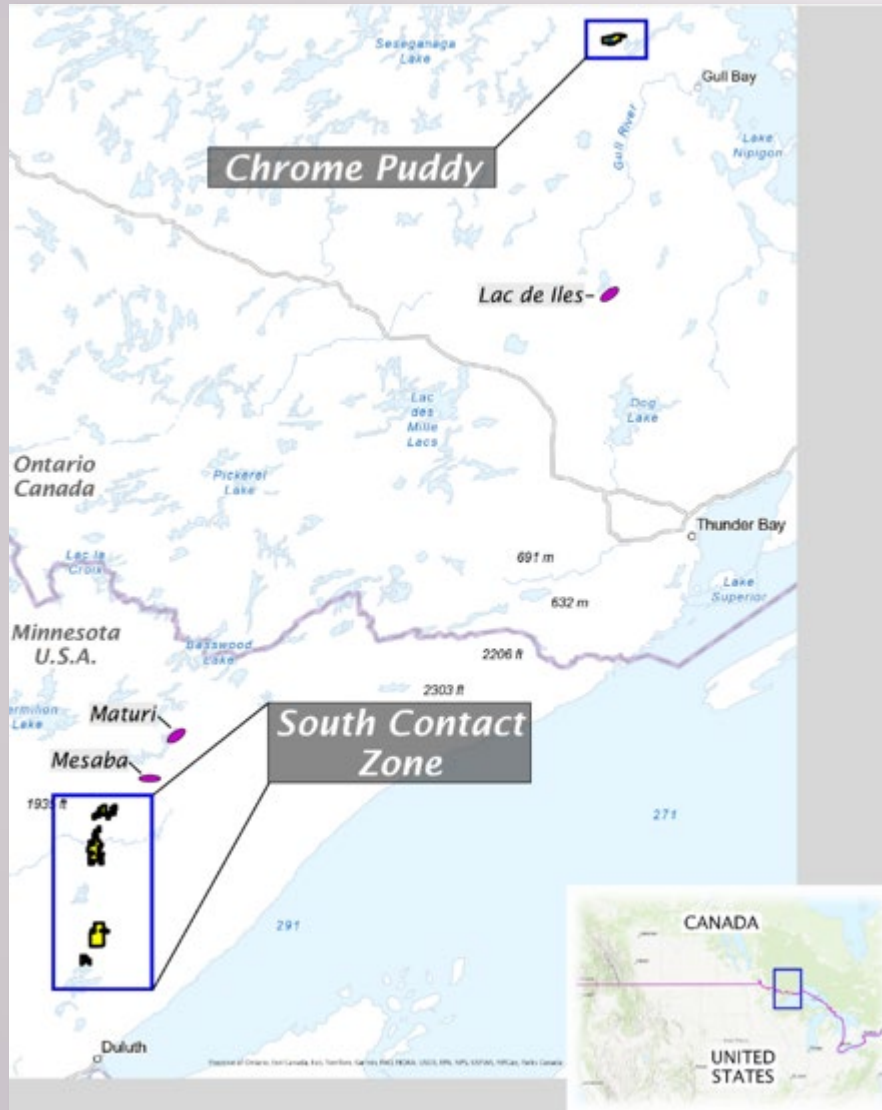
## Channel Samples:

- Available outcrop sampled as a continuous channel at the Far West Commerce, West Commerce, and East Commerce areas that yielded cumulative Ni assays <0.25% over 10s of meters



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# 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

- Clear, large-scale conductors associated with mineralization are drill ready
- Located 85 km north of the Lac de l'Isle Palladium Mine in the Thunder Bay Mining District
- Nickel-copper-PGM sulphide targets developed
- Drill ready for permitting