

Going Further with Nickel

November 2023

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## Why invest in Core Nickel?

**Experienced and dedicated management team and board** with a strong history of success in exploration and business development

**Nickel** is an emerging **market** poised to embark on a **"supercycle"** due to electric vehicle and energy storage demand

Direct exposure to nickel assets in the **fifth largest nickel camp in the world** (Thompson Nickel Belt (TNB))



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Projects with world class targets that are strategically located near known nickel deposits, mines, and infrastructure



Projects that are well-prepared for future funding
ready to explore promising nickel trends with
historical anomalous discoveries



**Clean vehicle for investment with high growth potential** – planned to be listed on the CSE in November 2023

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### **Management Team**

### **CORE NICKEL** Management Team



Misty Urbatsch P.Geo., M.B.A.

Chief Executive Officer President, Director Ms. Urbatsch brings a rare blend of experience accumulated over fifteen years in the mining industry with a major mining company where she has acquired invaluable expertise across various facets of the metals industry, including domestic and international exploration and global commodity sales, marketing, and trading.



Harry Chan

**Chief Financial Officer Corporate Secretary** Mr. Chan has over 20 years of experience working in several different industries ranging from public practice, sports entertainment, wholesale distribution and telecommunications. He is a graduate of the University of British Columbia and received his Certified General Accountant designation in BC in 1996.



Cory Belyk P. Geo.

Director

Mr. Belyk is a geologist with nearly 30 years of experience in exploration and mining operations, project evaluation and business development. His depth of experience is a result of work on a global scale including Asia, Africa, Europe, North America and Australia. Mr. Belyk is currently Chief Executive Officer, President and Director of CanAlaska Uranium.



Shane Shircliff B. Comm, M.B.A.

#### Director

Mr Shircliff boasts two decades of experience in executive, board advisory roles for public and private companies, with a focus on regulatory compliance. His expertise spans natural resource projects (lithium, uranium, gold, industrial minerals) and includes company building, deal structuring, negotiations, due diligence, and M&A. Recently, he has been advising First Nations on strategic business growth.



Karen Lloyd B. Comm, M.B.A., ICD D

#### Director

Ms. Lloyd (B. Comm., M.B.A., ICD.D) comes from a strong and significant strategy and marketing background across six different industries including mining, aviation, telecommunications, online payments, executive training and banking.

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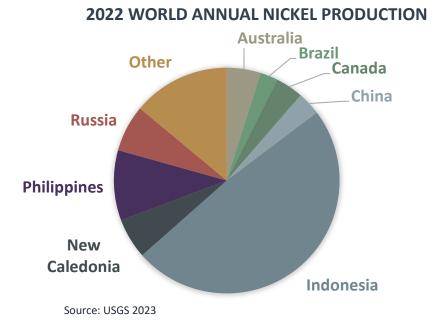
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### **Nickel Market**

### Nickel Market

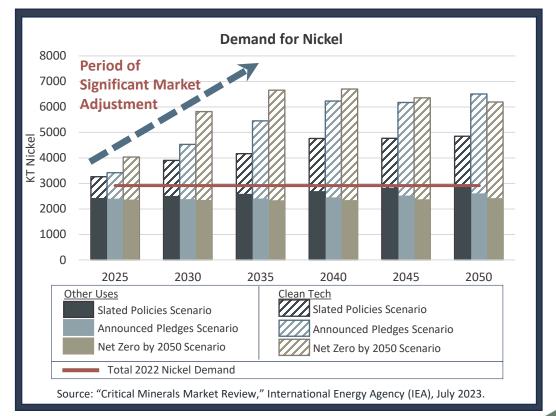


#### **2022 World Nickel Production**

- Nickel production in 2022 was approximately 3.3 million metric tons
- Almost 50% of annual nickel supply comes from Indonesia
- Approximately 4% of the worlds nickel supply comes from Canada, with 10% of Canadian supply coming from the Thompson nickel belt, and the remaining supply coming from Ontario, Quebec, and Newfoundland

#### **Future Demand for Nickel**

- In 2022, electric car sales increased by 60% and energy storage systems doubled.
- Future demand for nickel is driven by policy interventions such as:
  - Canada's Critical Minerals Strategy and
  - US's Inflation Reduction Act.
- There has been a significant rise in capital expenditures on critical minerals, including nickel, with a continued rise anticipated into the late 2030s.

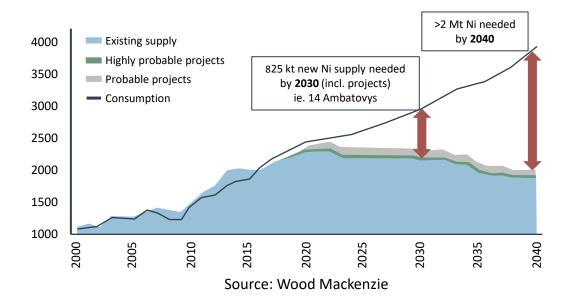


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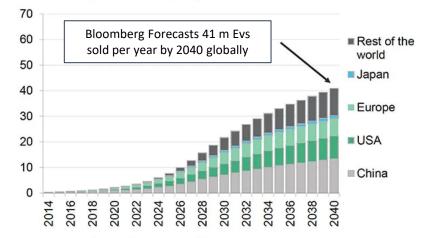
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### Nickel Market

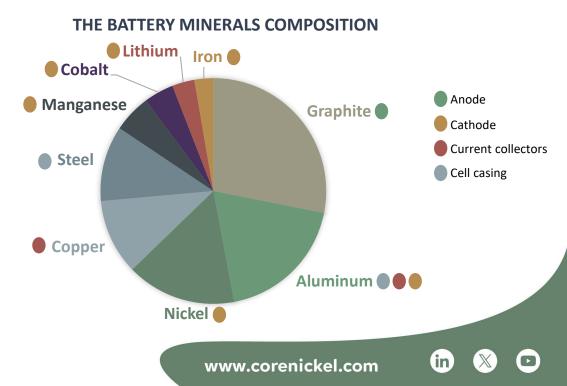
- The surging demand for electric vehicles and the growing interest in energy storage solutions, the nickel market is poised to embark on a "supercycle" by the middle of the decade.
- Projected future demand is expected to outpace supply fundamentals, creating a projected deficit in the market.



Global EV sales forecast by geography, 2015-2040 (m vehicles per year)



Source: Bloomberg New Energy Finance, Marklines



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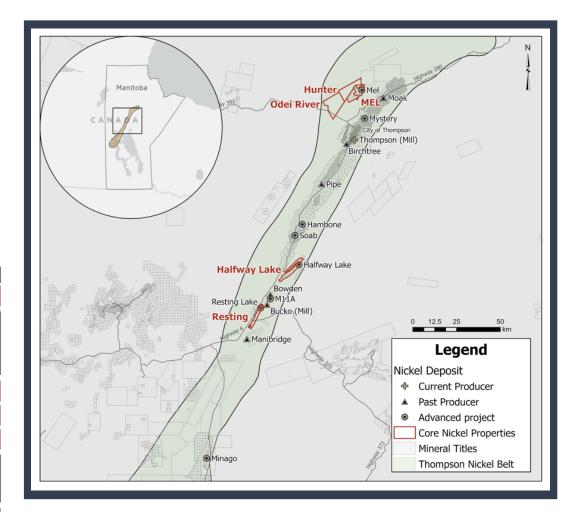


## The Thompson Nickel Belt

## **Exploration Model**

- The TNB is the **fifth largest nickel camp** in the world based on contained nickel
- The TNB is situated along the northwest margin of the Archean Superior province that contains several major nickel sulphide deposits.
- Past production from the Thompson Nickel Belt deposits is 2,500 kt Ni
- Nickel deposits in the TNB are predominately associated with ultramafic rocks hosted in the Pipe Formation of the Ospwagan Group (Thompson Mine Sequence)

Deposit	Owner	Discovery	Production	Mt	% Ni	Tonnes Ni	M Lbs Ni
Thompson*	Vale	1956	1961-present	150	2.32	3,480,000	7,656
Mystery Lake South	Vale	1927		227	0.6	1,362,000	2,996
Minago	Flying Nickel	1972		68.8	0.52	357,760	787
Moak Lake	Vale	1952		45	0.7	315,000	693
Resting Lake	CaNickel	1966		90	0.3	270,000	594
Bucko Lake	CaNickel	1964	2008-2012	11.3	1.39	157,070	346
Mel	Core Nickel	1961		4.3	0.87	37,410	82
Manibridge	Metal Energy	1963	1971-1977	1.3	2.25	29,250	64
Hambone Lake	Vale	1956		3.3	0.81	26,730	59
Bowden Lake	CaNickel	1962		2	1.16	23,200	51
M11A (Discovery)	CaNickel	1960		1.3	1.15	14,950	33
Soab (North and South)	Vale	1953	1967-1971	0.9	1.5	13,500	30
Hambone north	Vale	1956		1.1	1.1	12,100	27
Halfway Lake	CaNickel	2007		0.9	1.2	10,800	24



\*Thompson includes Thompson, Birchtree and Pipe

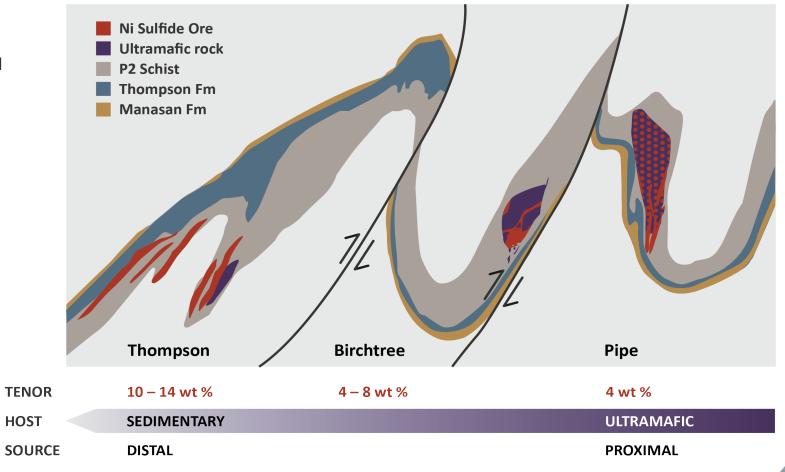
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### **Exploration Model**

Nickel Sulfide mineralization is hosted in the P2 Shist (Pipe Formation, "Mine Sequence") of the TNB and is characterized by three different styles of mineralization:

- 1. Metasedimenthosted mineralization (Thompson deposit)
- 2. Mineralization associated with ultramafic bodies and adjacent metasedimentary rocks (Birchtree deposit)
- 3. Mineralization largely hosted within ultramafic intrusions (Pipe deposit)

#### Continuum of Deposits Styles (Schematic)



(modified after Gribbin 2011)

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### **Properties**

## North Thompson

#### **Target Stratigraphy**

 Contiguous land package with over 17,000 ha of land containing ample strike length of the TARGET Pipe Formation Pelites

#### Known Nickel Mineralization

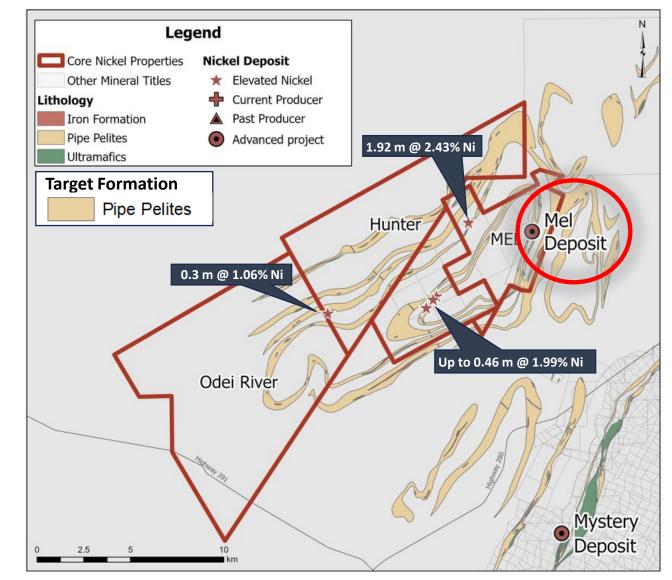
 Mel Deposit along with several nickel intersections on the Mel and Hunter properties

#### Limited Overburden

Average depth of **overburden is 19 m** 

#### **Close to Infrastructure**

- Proximal to the city of Thompson and Thompson mine
- Nearby highway access and other infrastructure



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### **Mel Property**

#### North Thompson

#### **Tenure/Location**

- 100% Core Nickel
- 1 Mineral Lease and 10 Mineral Claims covering 2,613 ha
- 20 km north of Thompson, Manitoba
- The Mel deposit and property is subject to a Vale 10% nets profit royalty. The Mel deposit contains a milling agreement with Vale at cash cost plus 5%.

#### **History**

#### 1954-1971

Explored by several companies including Canadian Nickel Co. Ltd (a wholly owned subsidiary of **INCO**) that led to the discovery of the Mel Deposit in 1961

#### 1997-2004

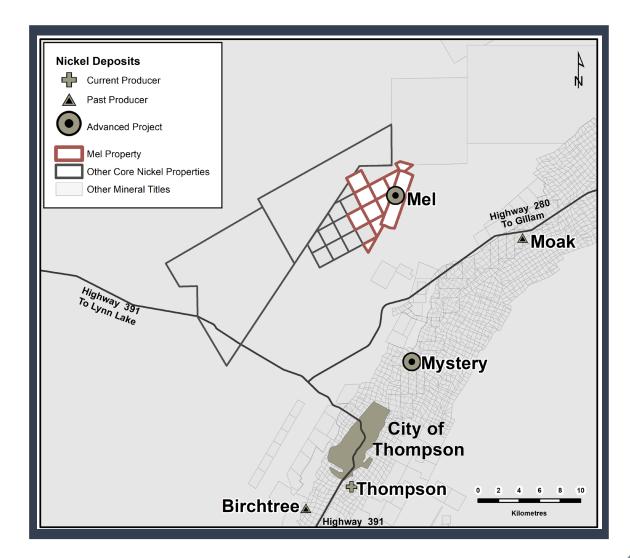
Explored predominantly under the **INCO/ Nuinsco Resources** (Victory Nickel) mostly focused on the Mel deposit, with a minor focus on exploration outside of the deposit

#### 2007-2012

**Victory Nickel** acquired the property in 2007 and completed a resource estimate on the Mel deposit along with additional drilling

#### 2023

**CanAlaska Uranium** acquired the Mel deposit and claims and included the property in the **Core Nickel** Spinout



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## Mel Property

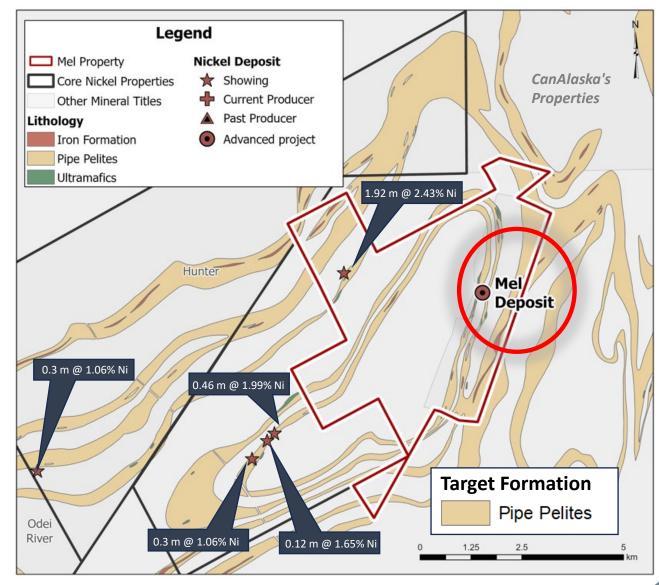
North Thompson

#### **Project Potential**

- Potential for deposit expansion of Mel is significant
- Very few exploration holes drilled on Mel claims due to majority of drilling focused on the immediate Mel deposit area
- Likely deposit types on the Mel property are Thompson and Birchtree type

#### **Future Work**

• Mel data compilation and core review to prepare for future exploration programs



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### Mel Deposit

#### North Thompson

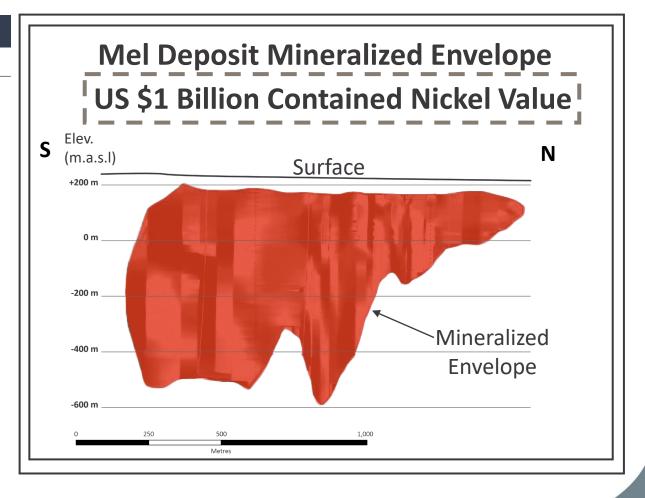
Mel Historical NI43-101 Resource Estimate							
Category	Tonnes	% Nickel	Contained Nickel (lbs)				
Indicated	4,279,000	0.875	82,520,515				
Inferred	1,010,000	0.839	18,676,476				

#### Notes:

- See "Technical Report on the Mel Deposit, Northern Manitoba" prepared for Victory Nickel Inc. by Shane Naccashian (P. Geo) of Wardrop Engineering Inc. dated March 9, 2007.
- Historical resource estimate calculated using a 0.5% nickel cut-off.



Allochthonous, brecciated massive sulphide hosted by Pipe Formation metapelite containing metapelite clasts, drill hole 102509





The deposit is characterized by nickel-bearing massive and stringer sulfides within and in contact with ultramafic intrusions, which is similar to the Thompson deposit

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### Hunter North Thompson

#### **Tenure/Location**

- 100% Core Nickel
- 1 MEL and 11 claims for a total area of 12,520 ha of land
- 20 km north of Thompson, Manitoba

#### **History**

#### 1950s – 1970s

Explored by a variety of companies that led to the Mel deposit discovery

#### 1999-2005

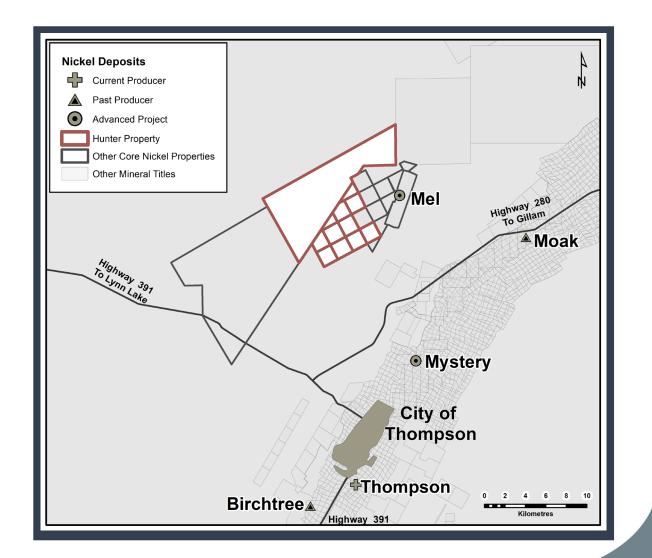
Inco (Vale) explored Hunter & Mel properties in JV with Nuinsco Resources Ltd (Victory Nickel)

#### 2018-2022

CanAlaska staked the Hunter and conducted a project scale VTEM survey on the Hunter project

#### 2023

CanAlaska included Hunter in the Nickel Spin out arrangement





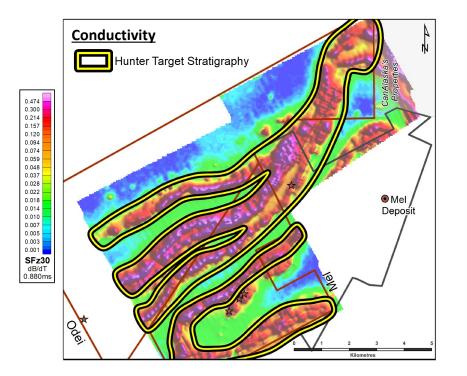
### Hunter North Thompson

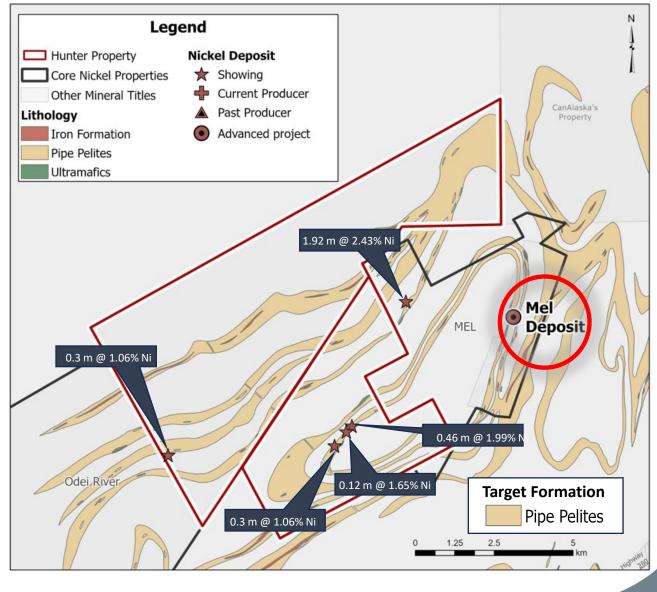
#### **Project Potential**

- High priority targets from 2022 VTEM Survey completed by CanAlaska
- Nickel mineralization on southern claim block
- Potential for Thompson & Birchtree-Type deposits

#### **Future Work**

• Ground geophysics to refine targets and drilling





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### Odei River North Thompson

#### **Tenure/Location**

- 100% Core Nickel
- 1 MEL for a total area of 9,411 ha of land
- 16 km north of Thompson, Manitoba

#### **History**

#### 1961-1967

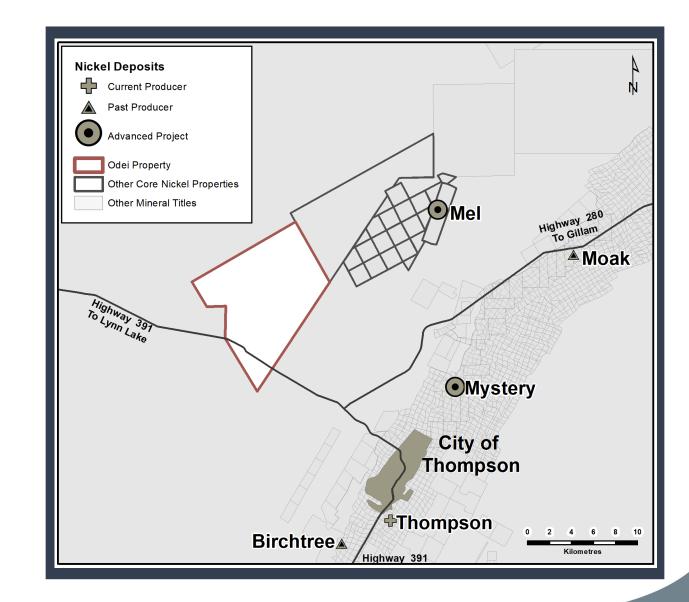
Explored by Canadian Nickel Company (a wholly owned subsidiary of Inco) and Merritt Copper

#### 1999-2007

Staked and explored by Inco and Victory Nickel

#### 2022-2023

CanAlaska staked Odei River and included the property in the Core Nickel Spin out arrangement



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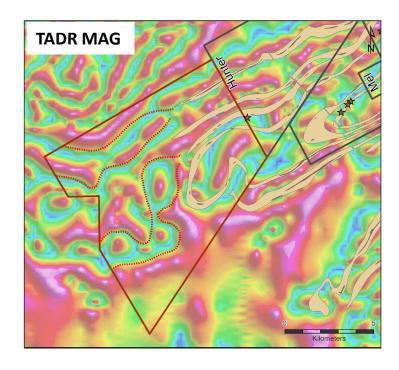
### Odei River North Thompson

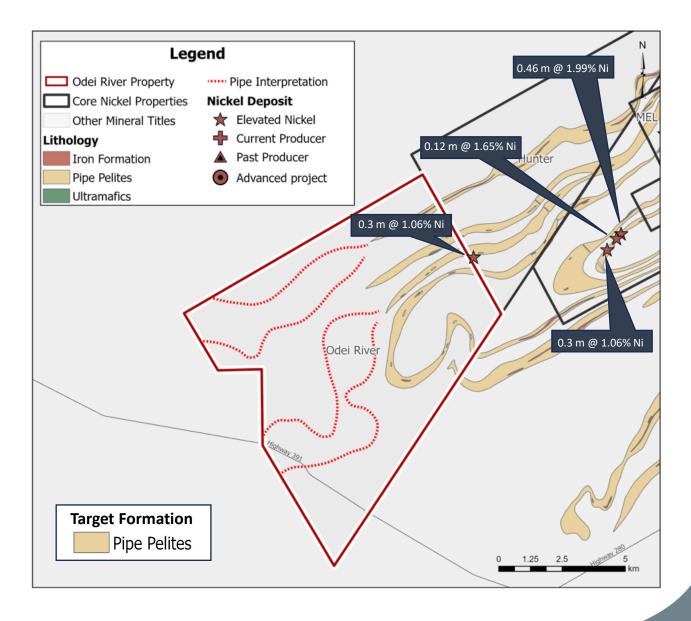
#### **Project Potential**

- Target areas identified based on the presence of known mineralization on the adjacent Hunter property
- Potential for several Thompson and Birchtree-Type deposits

#### **Future Work**

• Airborne magnetics and electromagnetic surveys to identify location of the Ospwagan group units







## South Thompson

#### Target Stratigraphy

 The Halfway & Resting Lake properties cover the north and the South of the Ospwagan synform, which includes ample strike length of the Pipe Formation associated with nickel mineralization

#### **Known Nickel Mineralization**

- Proximal to several nickel deposits such as
   Manibridge, Bucko, Resting Lake and Halfway lake
- Anomalous nickel intersections on both Halfway and Resting Lake properties

#### Limited Overburden

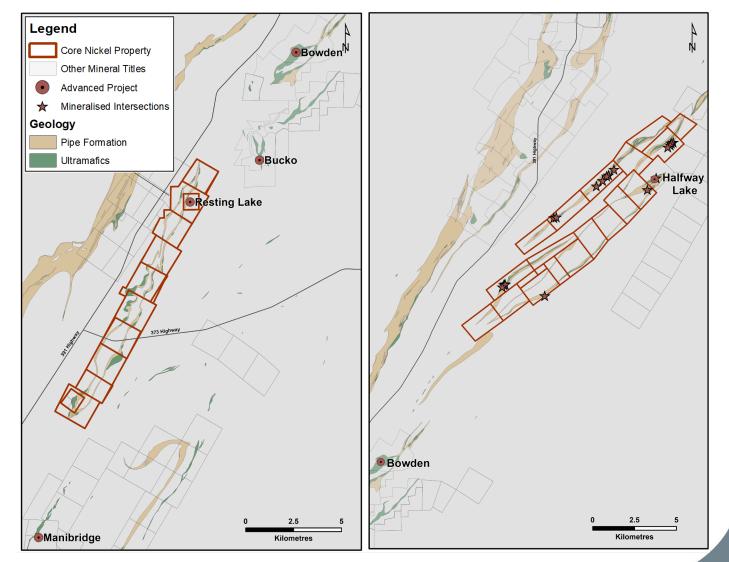
• Average depth of overburden is 19 m

#### **Close to Infrastructure**

- Proximal to Bucko Mill
- Nearby highway access and other infrastructure

#### Drill Ready

• Exceptional exploration targets delineated from aeromagnetics survey



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## Halfway Lake

South Thompson

#### **Tenure/Location**

- 100% Core Nickel
- 19 Mineral Claims for a total area of 4,154 ha of land
- 12 km northeast of Waboden, Manitoba

#### **History**

**1959** Explored initially by National Malartic

#### 1962-1975 & 1994

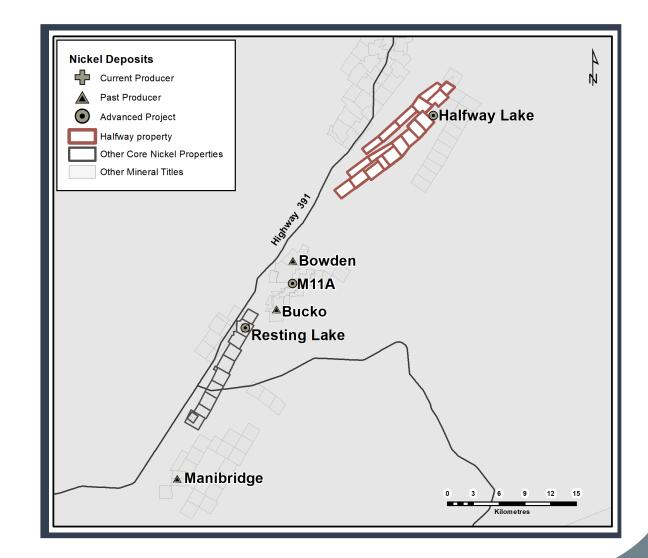
Largely explored by Falconbidge Nickel Mines Limited

#### 2021

CanAlaska staked the Halfway Lake claims and conducted an aeromagnetic survey

#### 2023

CanAlaska included the Halfway Lake property in the Core Nickel Spin out arrangement



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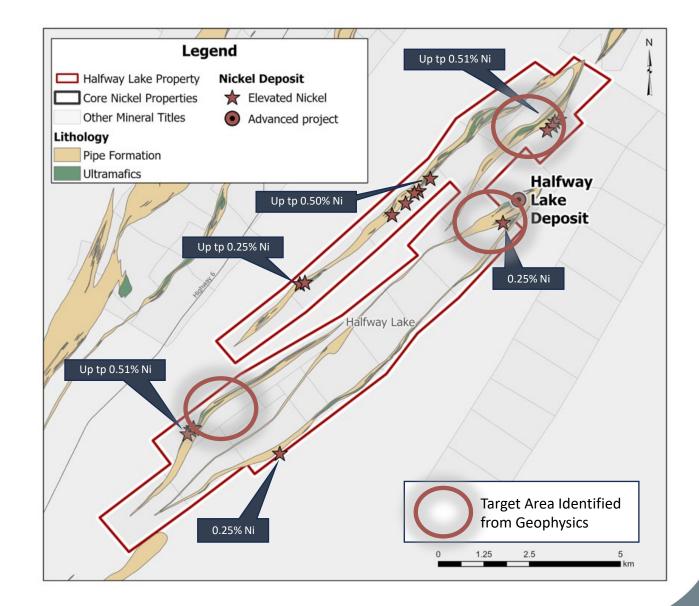
# Halfway Lake

#### **Project Potential**

- The Halfway property covers the north and the South of an Ospwagan synform, which includes ample strike length of the Pipe Formation associated with nickel mineralization
- High priority targets from airborne aeromagnetic survey completed by CanAlaska in 2022 near known nickel mineralization
- Known mineralization on and adjacent to the property shows that it has the potential for nickel deposits similar to Thompson, Birchtree or Pipe deposits

#### **Future Work**

• Airborne EM to refine targets followed by a diamond drilling program



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### Resting Lake

South Thompson

#### **Tenure/Location**

- 100% Core Nickel
- 11 Mineral Claims for a total area of 2,322 ha of land
- 5 km northeast of Waboden, Manitoba

#### **History**

#### 1949

INCO conducted a regional electromagnetic survey over the project area

#### 1959-1975 & 1994

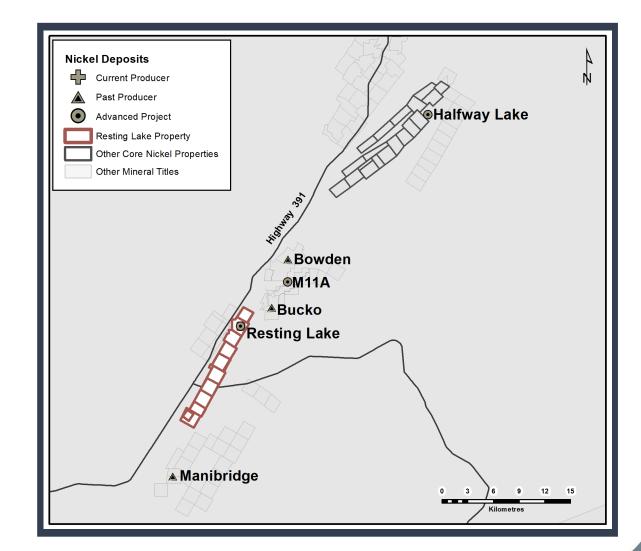
Explored by Falconbridge Nickel Mines Ltd and Bowden Lake Nickel Mines Limited

#### 2021

CanAlaska staked the Resting Lake claims and conducted an aeromagnetic survey

#### 2023

CanAlaska included the Resting Lake property in the Core Nickel Spin out arrangement



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## Resting Lake

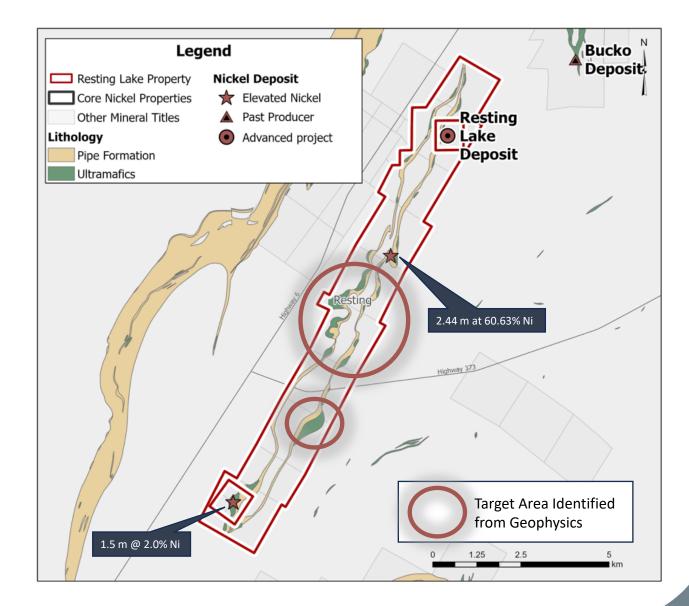
South Thompson

#### **Project Potential**

- The Resting Lake property covers the north and the South of an Ospwagan synform, which includes ample strike length of the **Pipe Formation** associated with nickel mineralization
- High priority targets from airborne aeromagnetic survey completed by CanAlaska in 2022 near known nickel mineralization
- Known mineralization on and adjacent to the property shows that it has the potential for nickel deposits similar to Thompson, Birchtree or Pipe deposits

#### **Future Work**

• Airborne EM to refine targets followed by a diamond drilling program



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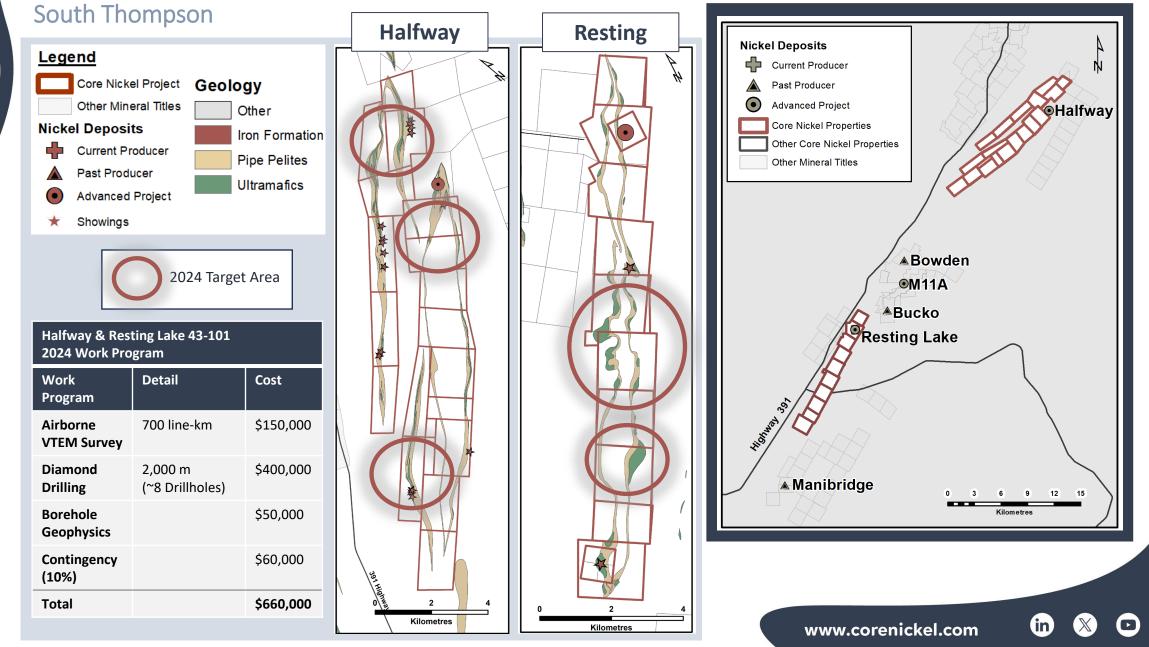
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### 2024 Program

### 2024 Halfway & Resting Lake Exploration Program



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### Corporate Structure

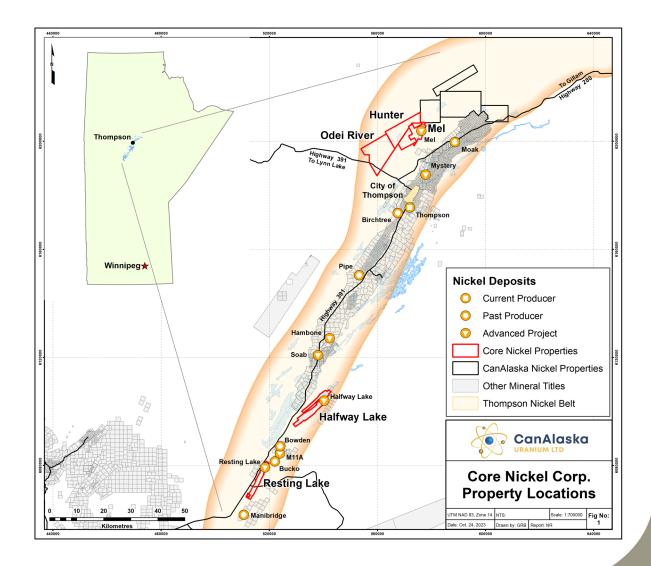
### **Corporate Structure**



#### Spin out consisted of:

- CanAlaska is to give Core Nickel 5 properties (Mel, Hunter, Odei River, Halfway Lake, and Resting Lake) for a total of 36,174 hectares of land in the Thompson Nickel Belt
- CanAlaska is to give Core Nickel \$1,000,000 cash
- ~25,000,000 common shares in Core Nickel will be issued
- An existing common share will be exchanged for one new CanAlaska share and 0.19987 of Core Nickel share (5:1 ratio)

# The Core Nickel Spin out was completed on November 10, 2023



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### **Corporate Structure**



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### Why Invest in Core Nickel?



Experienced and dedicated management team and board



Nickel is an emerging market poised to embark on a "supercycle"



Assets in fifth largest nickel camp in the world



Strategically located projects near known nickel deposits, mines, and infrastructure



Projects that prepped for exploration on promising nickel trends



Clean vehicle for investment with high growth potential



MEL PROJECT North Thompson



ODEI RIVER North Thompson



HUNTER North Thompson



HALFWAY LAKE South Thompson



RESTING LAKE South Thompson

# CORE Nickel corp.

Going Further with Nickel

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