

## **Forward Looking Statements**



This presentation contains certain forward-looking statements that may involve a number of risks and uncertainties. Actual events or results could differ materially from Nortec Minerals Corp's (the "Company") expectations and projections. The TSXV has neither approved nor disapproved the information contained in this presentation. Except for statements of historical fact relating to the Company, certain information contained herein constitutes "forward-looking statements". Forward-looking statements are frequently characterized by words such as "plan", "expect", "could", "intend", "believe", "anticipate" and other similar words, or statements that certain events or conditions "may" or "will" occur. Forward-looking statements are based on the opinions and estimates of management at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. These factors include the inherent risks involved in the exploration and development of mineral properties, the uncertainties involved in interpreting drilling results and other geological data, fluctuating metal prices, the possibility of project cost overruns or unanticipated costs and expenses, uncertainties relating to the availability and costs of financing needed in the future and other factors. Circumstances or management's estimates or opinions could change. The reader is cautioned not to place undue reliance on forward-looking statements.

For the purposes of this corporate presentation, Mr. Brad Lazich, P. Geo., a director of the Company is the designated Qualified Person and has reviewed and approved the scientific and technical information in this document.

## **Investment Highlights – Nortec Assets**



#### **DISTRICT-SCALE PROJECT**

 Excellent potential for a VMS discovery beside highgrade past producing mines

#### WORLD CLASS EXPLORATION TEAM

 A top-tier exploration team with multiple highgrade discoveries

# ZINC & COPPER EXPOSURE: CRITICAL MINERALS FOR GREEN ECONOMY

- Governments of Canada and the United States have included zinc on their respective lists of minerals considered critical for sustainable economic success
- Critical minerals are the building blocks for the clean and digitized economy
- Essential for renewable energy and clean technology applications (batteries, permanent magnets, solar panels and wind turbines)
- Required inputs for critical infrastructure
- On April 7, 2022, Canada announced a 30% Critical Mineral Exploration Tax Credit ("CMETC") for Canadian investors

### STRATEGICALLY POSITIONED

Uniquely positioned to discover and advance projects

### **STRONG VALUE PROPOSITION**

 Low market value coupled with strong exploration team and promising land package

# CRITICAL MINERALS INVESTMENT EXPOSURE: ZINC and COPPER

Capitalization (millions) (12/31/2022)				
			Exercise	
	Outstanding	Expiry	Price	
Common shares	51.0			
Warrants	1.1	25-Nov-26	\$0.25	
Warrants	0.1	20-Apr-27	\$0.25	
Warrants	5.0	2-Sep-23	\$0.25	
Warrants	2.3	23-Dec-25	\$0.10	
Options	0.2	7-Aug-24	\$0.25	
Fully diluted	59.6			

Market Valuation	n (millions)
Market Cap	\$2.04
Cash (proforma)	\$0.54
Enterprise value	\$1.50
Share price	\$0.04

2023 Phase I Budget (millions)		
Sturgeon Lake		
VTEM survey	\$225,000	
Mapping/sampling	\$25,000	
Diamond drilling	\$1,500,000	
Contingency	\$125,000	
	\$1,875,000	
Mattagami River Zinc		
Compilation	\$50,000	
Ground-truthing	\$25,000	
Contingency	\$25,000	
	\$100,000	
Total	\$1,975,000	

TSXV: **NVT** 

### **Overview**



#### **Technical Team has Proven Track Record**

- One of the newest Tier-1 Global Ni-Cu-PGE discoveries Glencore's 30Mt ~3.5%NiEq Norman West Project
- 2020 "Bernie Schnieders Discovery of the Year Award" (NWOPA) high-grade Tyko Ni-Cu-PGE Discovery

### Sturgeon Lake VMS Project (Zn-Cu-Ag-Au), Ontario, Canada

- Camp-scale property immediately adjacent to Glencore's past-producing 20Mt VMS Mines
- Multiple, high-quality untested massive-sulphide VMS targets
- Underexplored, lacking modern systematic exploration efforts
- 9,300 ha district scale continuous land package
- Excellent infrastructure including year-round roads and hydro

### Mattagami River Project (Zn-Pb-Ag-Au), Ontario, Canada

- Broken Hill-type sedimentary exhalative (SEDEX) deposit model
- Historical drillhole intersections up to 2.3% Zn / 13.7m
- Road accessible, drill-ready project with large-tonnage potential
- Significantly underexplored with several untested VTEM anomalies

#### **Other Assets**

17% equity interest in Lithium project, Finland



## **Leadership Team**



## Michael Malana, CPA CMA Interim CEO

- Extensive experience in administration, accounting and reporting with several public companies
- Currently the CFO at Patriot One Technologies Inc. (TSXV:PAT)

# Sara Hills, CPA CA CFO

 16+ years progressive experience, including with KGHM International and Teck Resources

### Brad Lazich, P. Geo Independent Director

- Professional Geologist with 15+ years experience in base and precious metals exploration, project and resource development across North America with majors including Teck, Vale and Glencore
- Lead geologist on a recent 30Mt high-grade Ni-Cu-PGE discovery in the Sudbury mining camp (Norman West Glencore)
- Senior Geoscientist Nickel Sulphide at Glencore
- Successful experience in project generation, development and partnership

# **Katie McCormack,** *P. Geo* **Independent Director**

- Director of Corporate Development and Indigenous Relations for Impala Canada Ltd., a PGM producer
- Former Exploration Manager for Newmont Corporation

# P. Mark Smith, B.SC., M.Sc. Independent Director

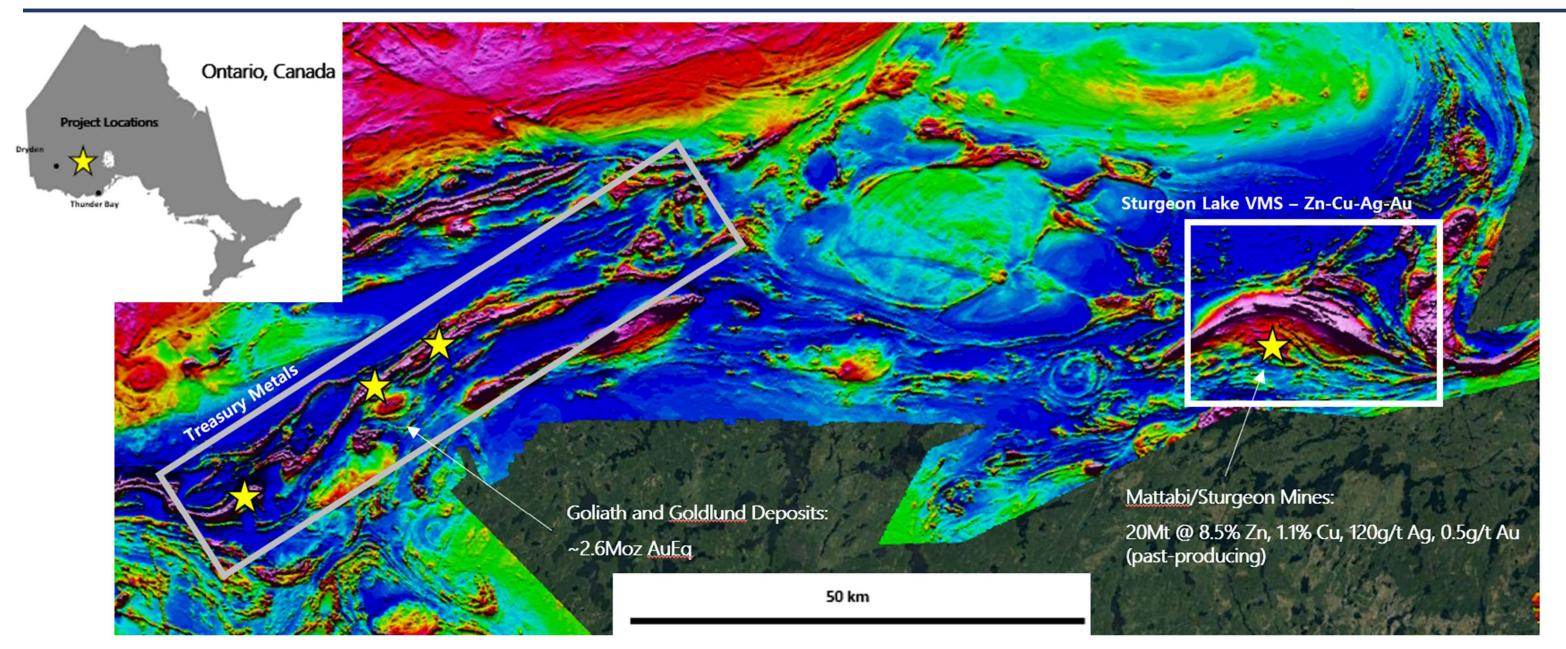
- 40+ year of experience as a geologist, mining equity analyst and investment banker
- Currently, Executive Chairman at Cabral Gold (TSXV: CBR)

# **Derrick Weyrauch,** *CPA CA* **Independent Director**

- CEO of Palladium One Mining Inc. (TSXV: PDM), co-founder of Magna Mining Inc. (TSXV: NICU)
- Member of the Critical Minerals Counsel, Canada and Institute of Corporate Directors

## Sturgeon Lake Volcanogenic Massive Sulphide Project ("VMS")

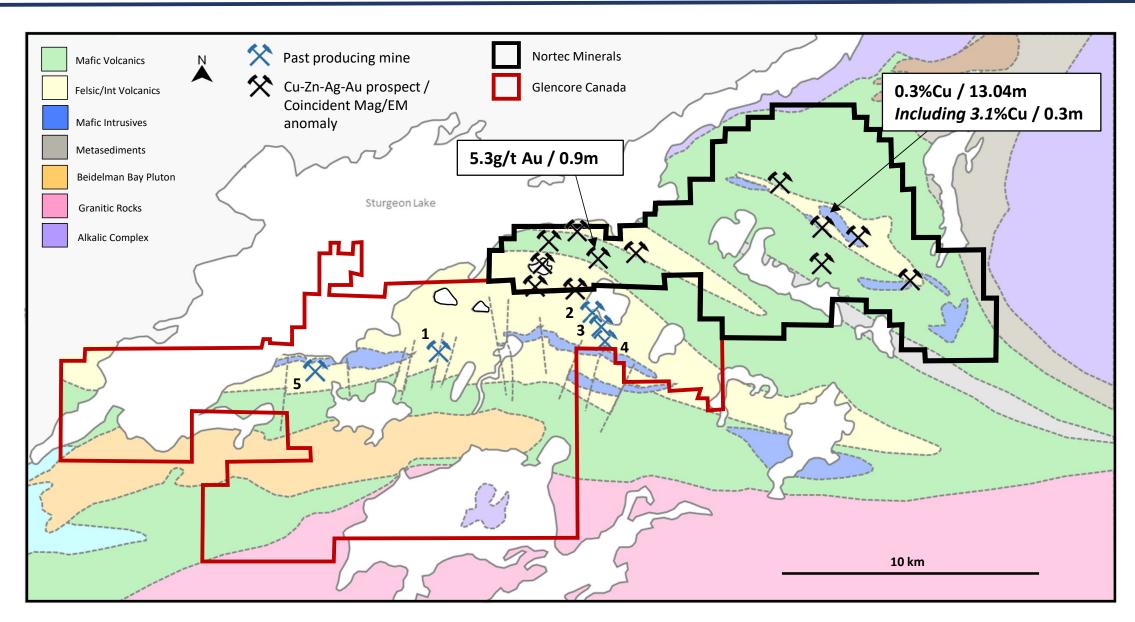




- Located in the Wabigoon greenstone belt
- 9,300-hectare property
- Underexplored high-grade Zn-Cu-Ag-Au VMS in the past producing Sturgeon Lake VMS camp (20Mt)

## Sturgeon Lake Project – High-grade Zn-Cu-Ag-Au VMS





### **Five Past Producing Mines**

- 1. Mattabi Mine 12.55 Mt @ 8.3% Zn, 0.74% Cu, 0.85% Pb, 104 g/t Ag
- 2. Lyon Lake Mine 3.95 Mt @ 6.5% Zn, 1.24% Cu, 0.63% Pb, 142 g/t Ag, 0.5g/t Au
- 3. Creek Mine 0.91 Mt @ 8.8% Zn, 1.66% Cu, 0.76% Pb, 142 g/t Ag, 0.5g/t Au
- 4. Sturgeon Lake Mine 2.1 Mt @ 9.2% Zn, 2.55% Cu, 1.21% Pb, 164 g/t Ag, 0.5g/t Au
- **5.** F-Group Mine 0.34 Mt @ 9.5% Zn, 0.64% Cu, 0.64% Pb, 60 g/t Ag

## Potential World Class VMS Camp – Exploration Target

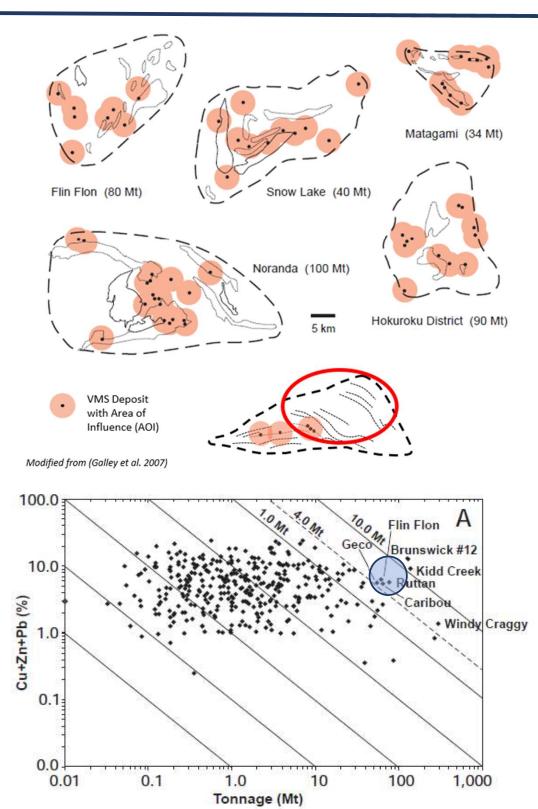


### **Sturgeon Lake:**

- 20Mt Past Production from 2 VMS horizons
- ~7 unexplored / underexplored VMS horizons exist within camp with dozens of strong target areas each with potential to host deposits
- Strong potential for additional VMS deposits
- Targeting the discovery of a deposit(s) with 20Mt+

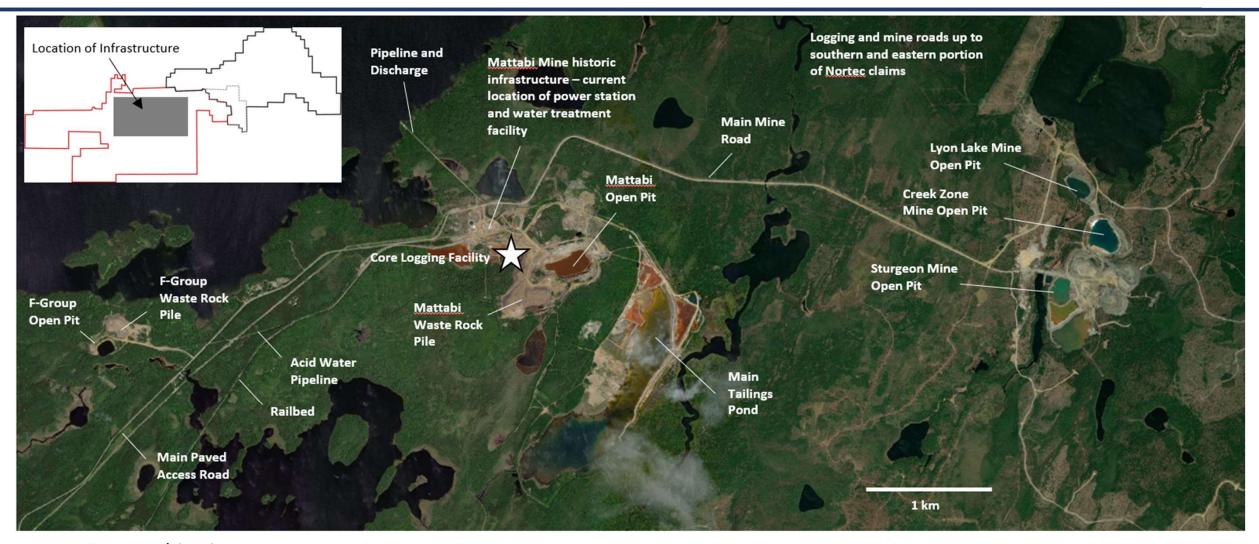
### **Sturgeon Lake Size:**

- Past production 20Mt of 9.7% (Cu+Zn+Pb)
- Exploration objective 20+Mt of 9%+ (Cu+Zn+Pb)



## **Past Producing Mines and Existing Infrastructure**





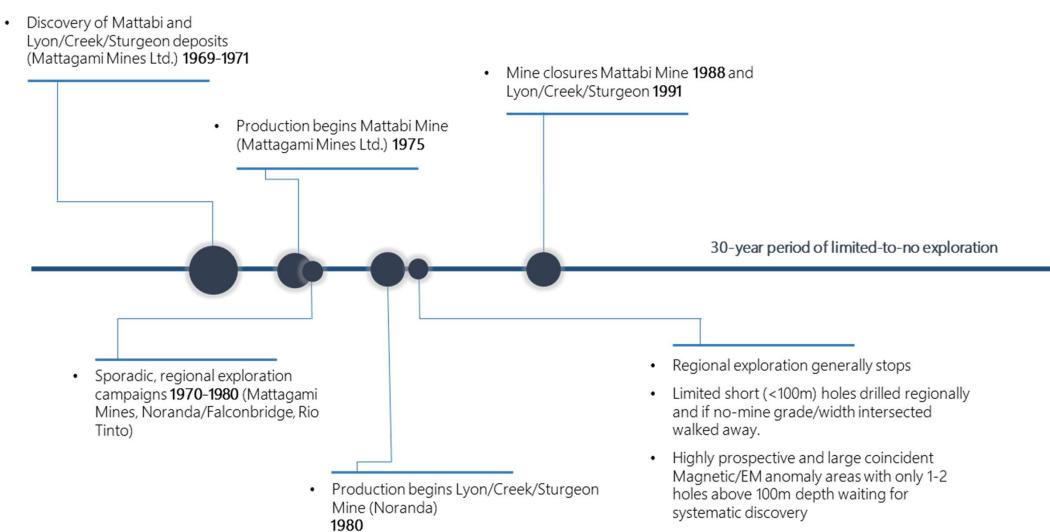
- Mattabi Mine
  - 12.6Mt @ 8.3% Zn, 0.74% Cu, 0.85% Pb, 104 g/t Ag from 1975-1988 (Noranda)
  - Open pit and underground infrastructure
- Lyon, Creek and Sturgeon Mines
  - 6.9Mt @ 7.6% Zn, 1.7% Cu, 0.8% Pb, 147g/t Ag, 0.5g/t Au (1980-1991 (Noranda)
  - Open pit and underground infrastructure in 3 separate lenses of massive sulphides
- F-Group
  - 0.34Mt @ 9.5% Zn, 0.64% Cu, 0.46% Pb, 60 g/t Ag from a hobby pit (Noranda)
- Turn-key exploration facility on site with paved and Glencore-maintained road into site
- Water treatment facility, hydro station and tailings facility on site

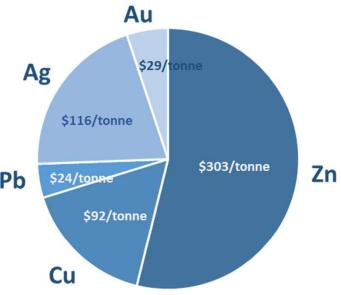
## **Sturgeon VMS – Ore Value and Camp History**



### **Objective:**

- Near surface deposits with high-grades:
  - 10.0% Zn, 1.0% Cu, 1.0% Pb, 150 g/t Ag, 0.5 g/t Au



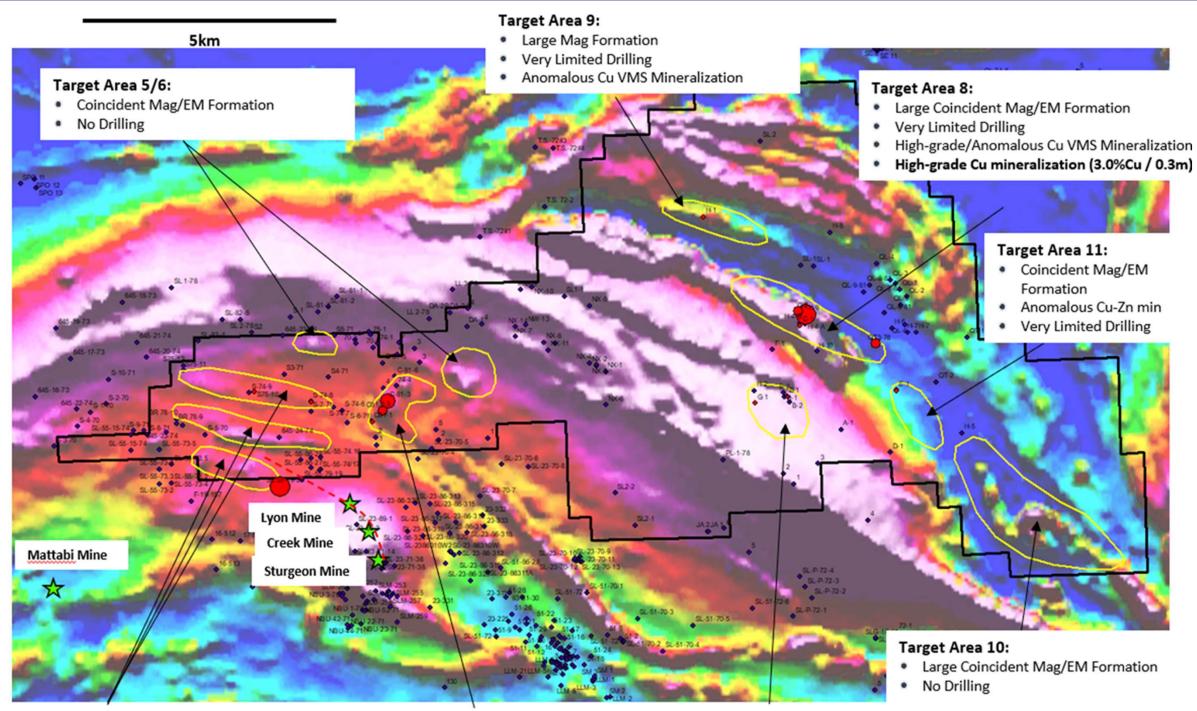


# \$564 Gross Metal Value per tonne<sup>1</sup>

1. Prices used: Zn - \$1.38/lb, Cu - \$4.20/lb, Pb - \$1.07/lb, Ag - \$0.77/g, Au - \$57.5/g

## **Sturgeon Lake VMS – Detailed GIS Targeting Compilation**





#### Target Areas 2/3/4:

- Coincident Mag/EM Formations
- Very Limited Drilling
- Anomalous/High-grade <u>Cu+Zn</u> VMS Mineralization

#### Target Area 1:

- Coincident Mag/EM Formation
- Limited Drilling
- Anomalous Cu+Zn VMS Mineralization
- High-grade Au mineralization (5.3g/t / 0.9m)

#### Target Area 7:

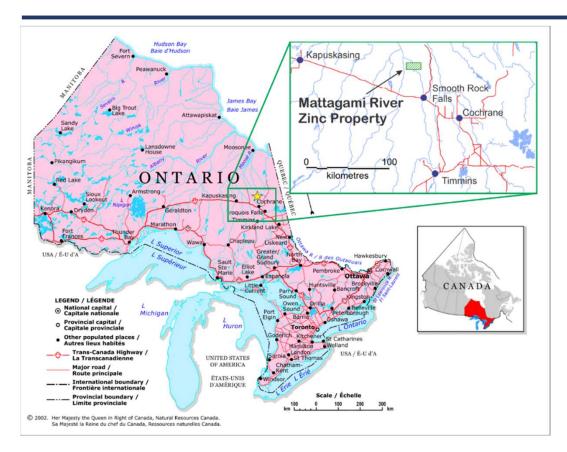
- Coincident Mag/EM Formation
- Limited Drilling
- · Anomalous Cu+Zn VMS Mineralization

TSXV: **NVT** 

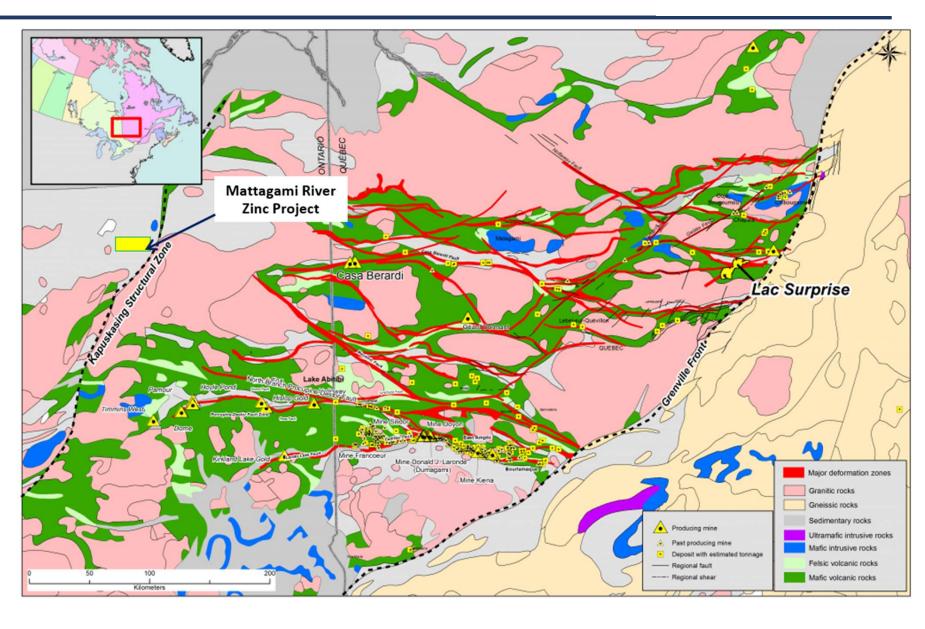
## Mattagami River: High-grade SEDEX style Zn-Pb-Ag-Au



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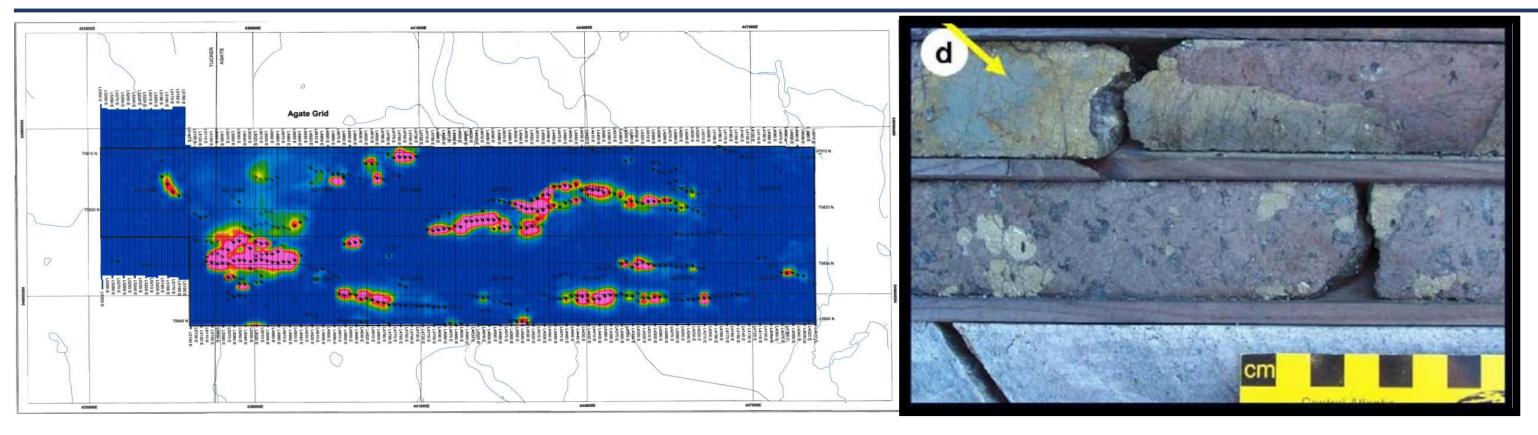
- 735-hectare property prolific Timmins mining camp
- 7-kilometer trend hosting 5 historic zinc showings
- Historic drilling intersected Zn mineralization up to 2.3% Zn / 13.7m
- Located 12-kilometres North of Argo Gold's Hurdman project



TSXV: NVT

## Mattagami River: High-grade SEDEX style Zn-Pb-Ag-Au





Massive Sphalerite-Pyrrhotite-Pyrite from Argo Gold's Hurdman project

- 2008 VTEM hosts numerous, untested and continuous anomalies
- Potential for similar mineralization potential at Hurdman property 12km to south

