## A New Chapter for a Historic Mining Camp

Matagami, Quebec

## NUVAU MINERALS

TSXV : NMC www.nuvauminerals.com

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#### SCIENTIFIC AND TECHNICAL INFORMATION

The scientific and technical information in this Presentation relating to the Matagami property is supported by a technical report entitled "Matagami Mining Camp: Preliminary Economic Assessment for the Caber Complex Project" dated July 28, 2023 (with an effective date of July 28, 2023) (the "Technical Report"), which was prepared, reviewed and approved by Matthew Harrington, P. Geo.; Kevin-Dane MacRae, P.Geo.; Christian Beaulieu, P.Geo; Carl Michaud, P.Eng.; Martin Houde, P.Eng.; Luc Binette, P.Eng.; Marc L'Ecuyer, P.Eng.; and Philippe Rio Roberge, P.Eng. Each author of the Technical Report is a "qualified person" within the meaning of National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101") and is considered to be "independent "of Nuvau for purposes of Section 1.5 of NI 43-101. References in this presentation to the Technical Report.

#### QUALIFIED PERSONS

Gilles Roy, P.Geo, Director of Exploration of Nuvau, is a "qualified person" for purposes of NI 43-101, have reviewed and approved the scientific and technical information in this Presentation.

#### **TSXV:NMC**

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## The Next Highly Coveted Critical Metals Story

# Pa Pa Ma Za Ra pr

#### World Class Asset

- Past producing complex
- MRE +0.29Blbs Cu, 0.78Blbs Zn from Caber Complex
- Robust PEA and clear path to production

**Quality Infrastructure** 

#### **Tier I Jurisdiction**

- Mining-friendly Quebec
- Financial support from Quebec funds
- Engaged government
- Supportive community

#### **Exploration Upside**

- Multiple existing targets
- Potential for multiple VMS systems still to be discovered
- District scale potential
- 2 new high grade discoveries

#### **Robust Catalysts**

- Aggressive exploration program
- Resource expansion
- Advancing permitting
- Near-term production

- 3,000 tpd processing facility
  - Permitted, built mine with remaining resources
  - Excellent access to existing infrastructure

#### Experienced Team

- Exceptional roster of board and management
- Aligned with shareholders
- Significant backing from institutional investors



## Management Team





**Peter van Alphen** President, CEO & Director



**Steve Filipovic** CFO



Gilles Roy Director of Exploration



**Bastien Fresia** Director of Technical Services



Philippe Rio Roberge Director of Project Development

### **Technical Team**







## Vision and Growth Strategy



### To Re-Establish Matagami as a Major Critical Minerals Producer

## Exploration

#### Realize growth and district scale potential

- Increase resources to 20+ years
- Delineate identified targets
  - McLeod Extension
  - Renaissance
- Multiple untested targets
- Identify new targets across the Matagami district
  - Base metals and precious metals
- District scale consolidation opportunity

## Production

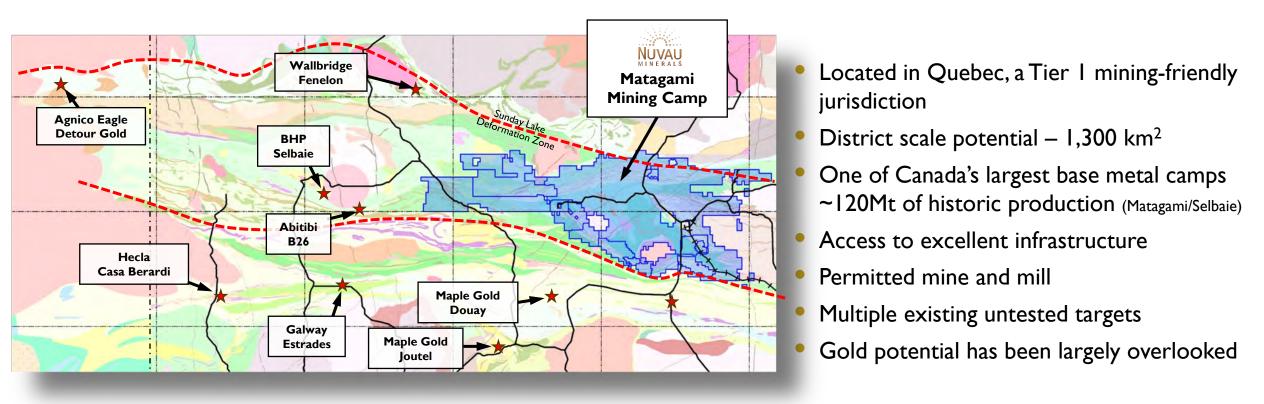
#### Bring Matagami back into production

- Leverage existing resources to provide 10+ yr LOM
  - Bracemac McLeod Mine
  - Caber Complex
- Preservation of existing infrastructure
- Permitted mine and processing plant
- Permitting baseline studies
- Advance review of additional deposits
  - Perseverance Orchan West

## Matagami – World Class Mining District



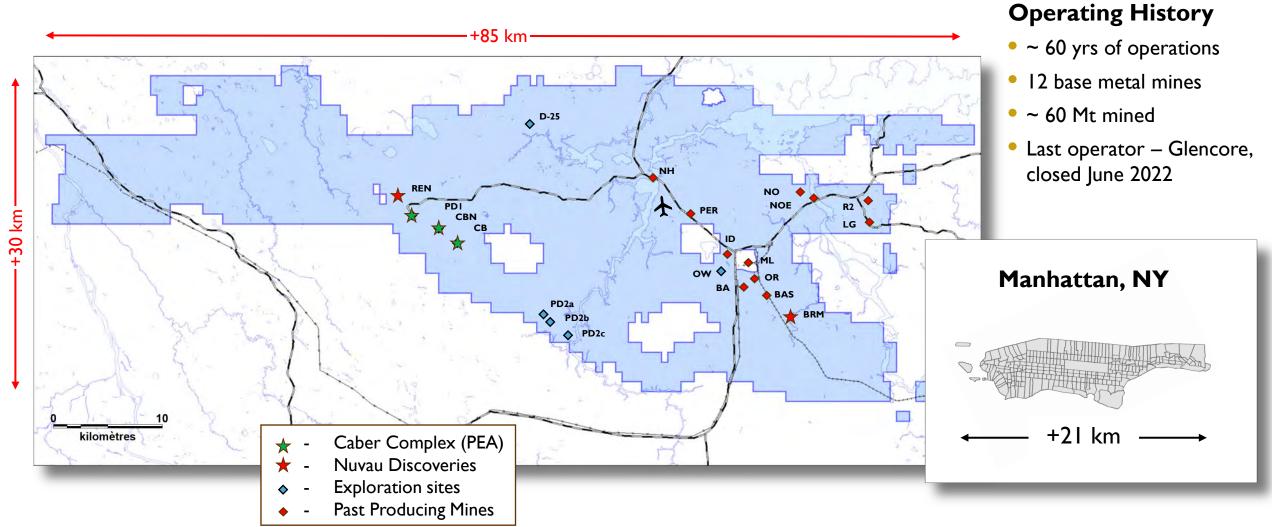
#### Dominant land position situated in the prolific Abitibi Greenstone Belt



#### **Potential for Further District Consolidation**

## **District Scale**





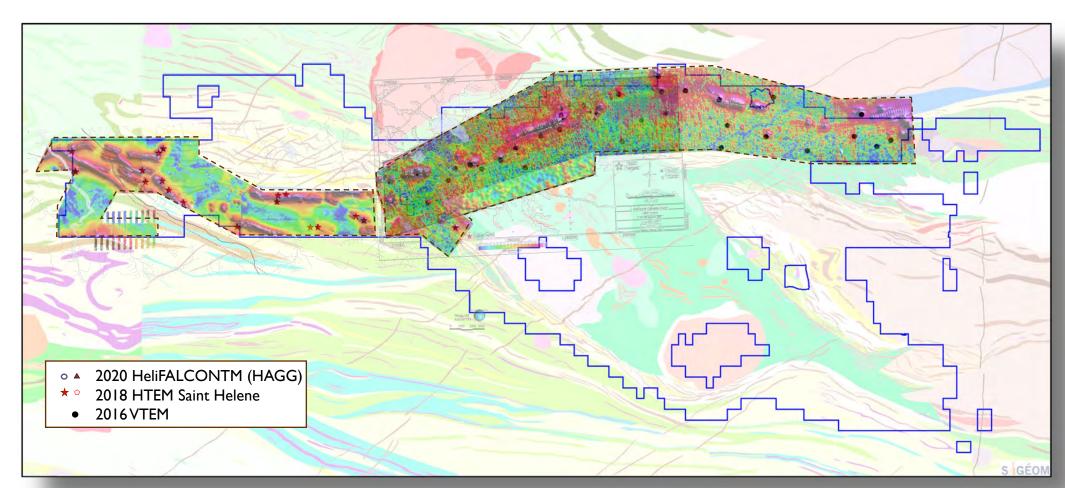
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## Multiple Geophysics Targets Identified



- 3 Geophysical surveys in North Domain only
  - Heli Falcontm (HAGG) 2020
  - HTEM Saint Helene 2018
  - Vtem 2016

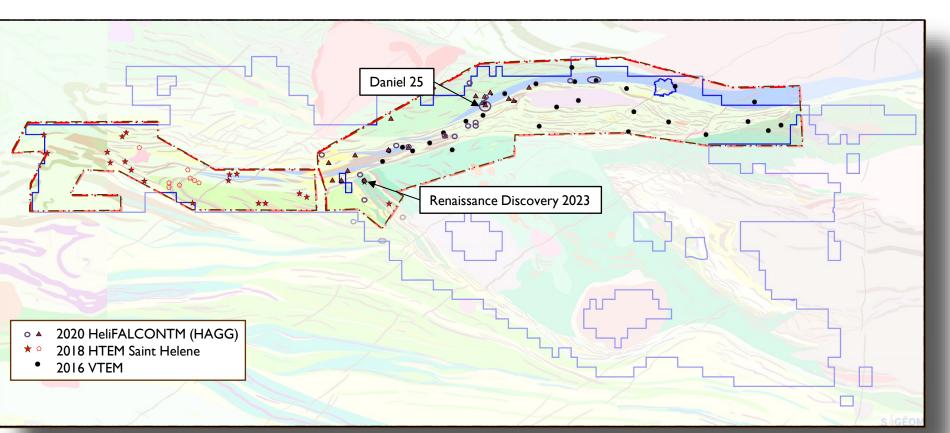
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## Multiple Geophysics Targets Identified – North Domain only!

#### • Over 80 geophysical targets identified in the Northern Domain alone

- Manual compilation and analysis from past geophysical surveys by Michel Allard
- Only looking at base metal potential
- Renaissance discovery was one of these targets
- Additional target also exists across the rest of the property
- Compilation of all the data across the entire property still to be completed.
- Artificial Inteligence (AI) model to be be considered to compile and analyse / assess for additional targets
- Gold targeting still to come



## Renaissance Zone – Nuvau Discovery



#### Exciting New Discovery

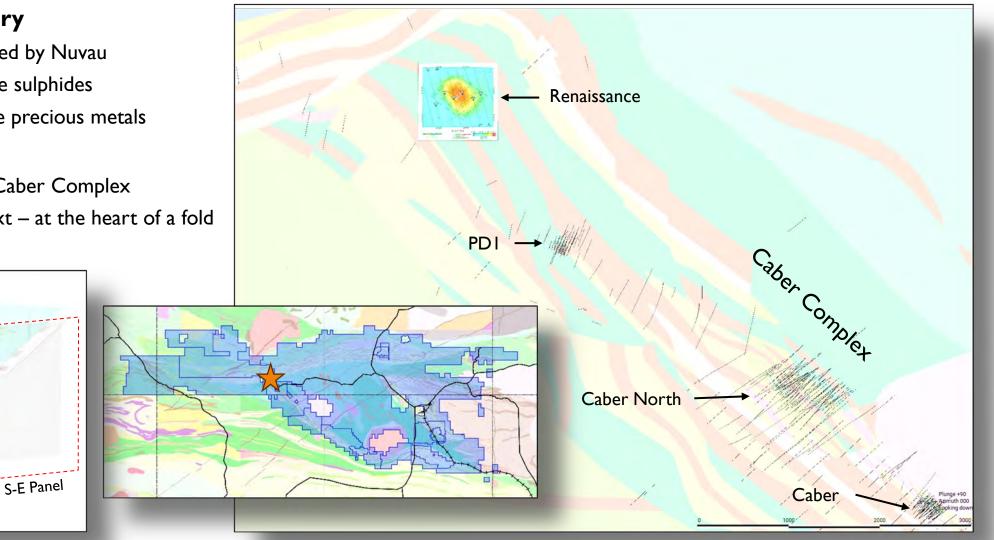
- First VTEM anomaly drilled by Nuvau
- Massive and semi-massive sulphides
- VMS lens with high grade precious metals

#### West Camp

• Close proximity to the Caber Complex

Main Panel

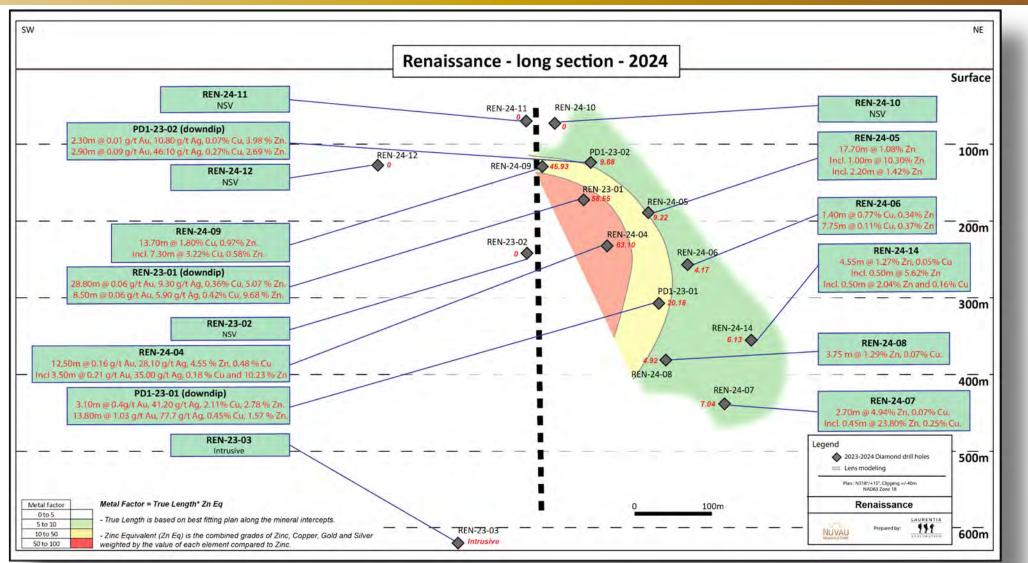
• Unique structural context – at the heart of a fold



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N-W Panel

## Renaissance Zone – Continue exploration



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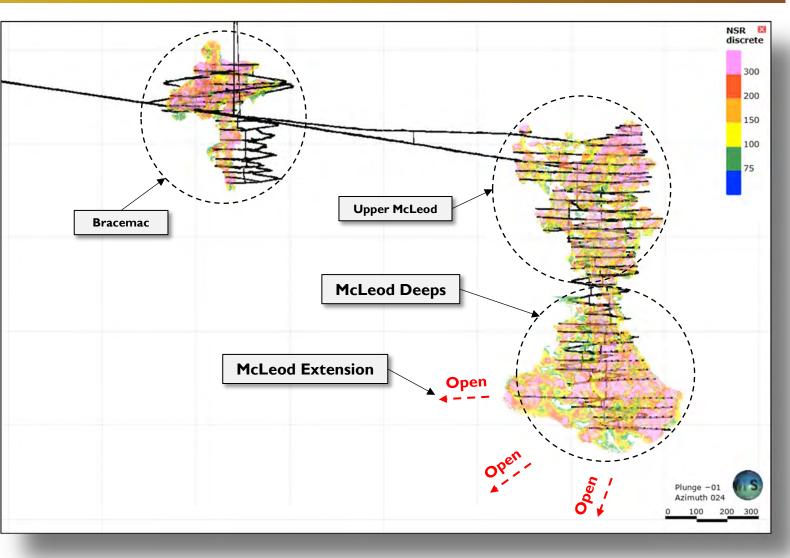
## Bracemac McLeod Mine

#### Bracemac McLeod Mine

- Permitted mine
  - Developed mine infrastructure to 1,400m
  - Surface infrastructure remains in place
- Glencore operated until June 2022
- McLeod Deep resource not depleted
- Deposits are located just below surface, extending to over 1,400m
- Past mining 8.1 Mt at 6.1% Zn, 0.9% Cu, 24 g/t Ag, and 0.5 g/t Au

#### Mine restart opportunity

- Remaining Resources in McLeod Deep
- McLeod Extension discovery





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## Bracemac McLeod Mine

#### Resources

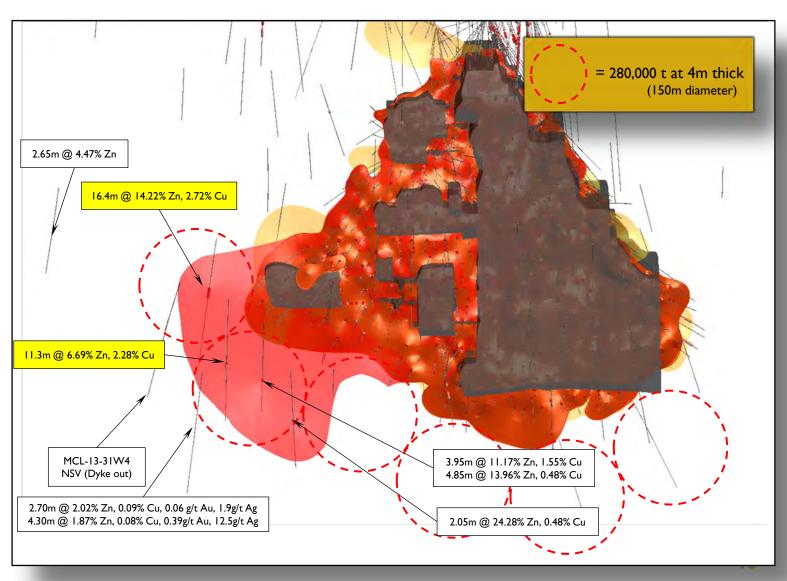
- Remaining resources in McLeod Deeps
- Internal estimate of 0.9Mt at 6% Zn and 0.9% Cu

#### Exploration

- McLeod Extension discovered in 2023
- Adding High grade tonnage, close to the mine workings
- Continued exploration to add inferred resources

#### Mine Restart

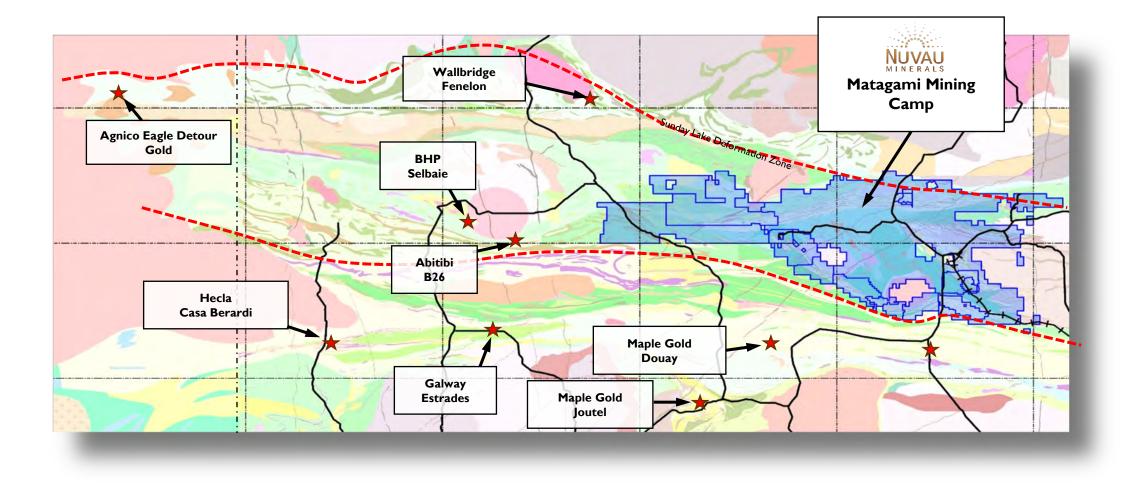
- Low CAPEX
- OPEX similar to Caber Complex PEA
- Metallurgy very well understood





## **Gold Exploration**





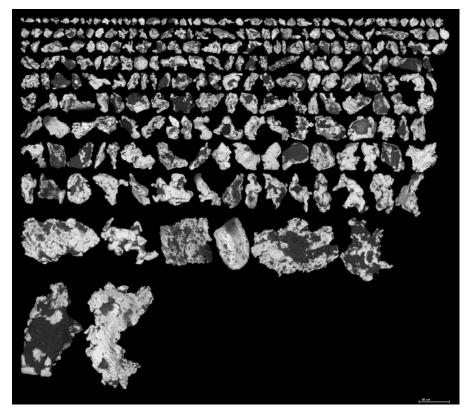
## Discovery of Gold Till Anomaly



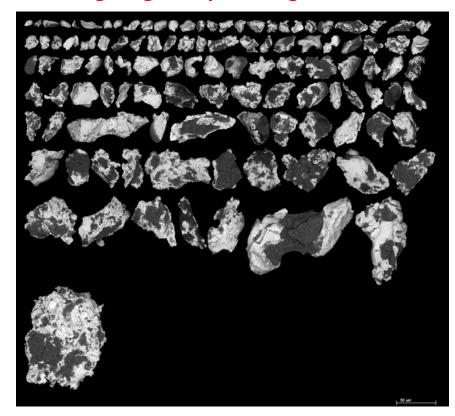
## <u>Gold Grain count – Hole PD 23-30s</u>

Sample 155320186 - 29.26m to 29.87m

> 2,000 gold grains per 10 kg of material



Sample 155320186 - 31.12 to 32.00m **295 gold grains per 10 kg of material** 

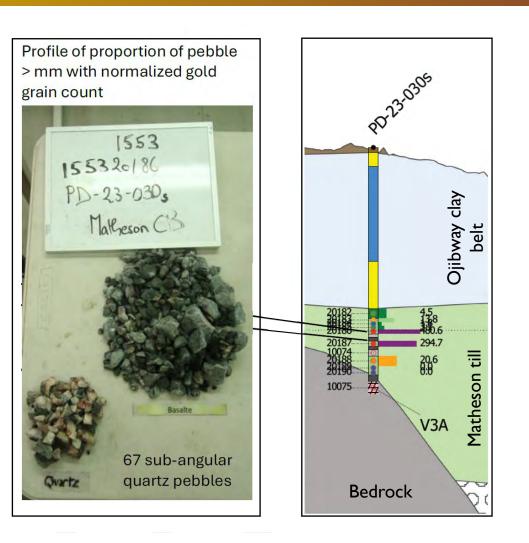


**TSXV:NMC** Potentially highest ever in the Abitibi – Of Regional Significance

## **Discovery of Gold Till Anomaly**

Regionally significant discovery

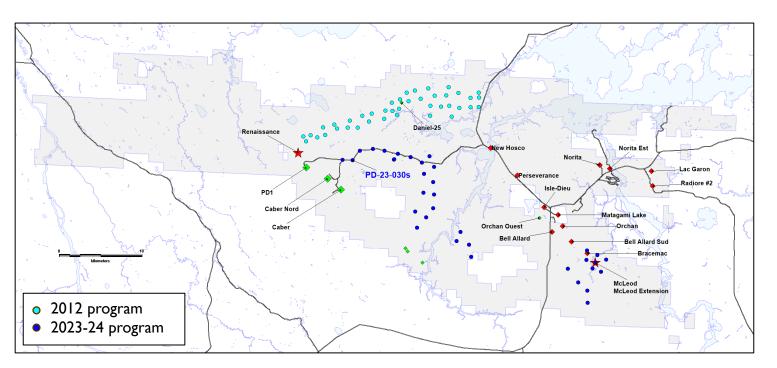
- Over 2,000 gold grains per 10kg sample
- Believed to be the highest gold grain count ever found in the Abitibi
- Anomaly close to sources
  - Gold grains are pristine
  - Found close to bedrock
- Significant proportion of quartz veins and basalt fragments.
- No sulphides or base metal detected this is not a VSM system
- Other discoveries made from till anomalies:
  - Borden Gold mine highest count was 800 grains / 10kg
  - Rainy River mine highest count was 70 grains / 10kg

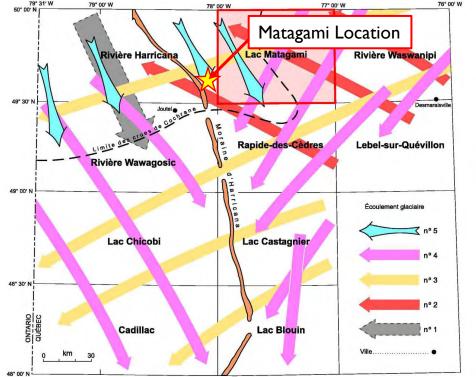




## Why sonic drilling?

- Glacier eroded bed rock, carried material to the south.
- No rock outcrops, Thick overburden (+30m)
- Objective to evaluate the potential dispersion of gold and base metal minerals in glacial sediments buried underneath the Ojibway clay belt

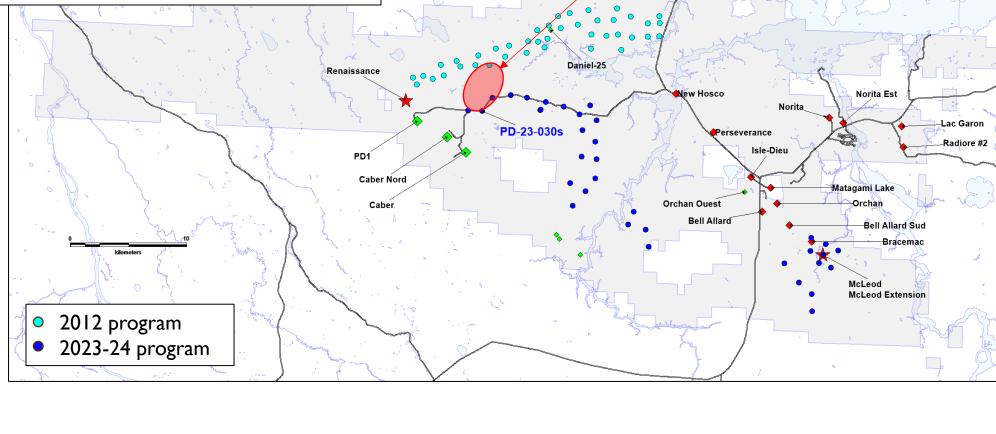




## Discovery of Gold Till Anomaly - Next Steps

Area of Interest

- Drone MAG survey underway
- Evaluation of local geology
- Design a drill program to test the up-ice area.





## Existing Infrastructure





#### **Concentrator Site**

- Permitted 3,000 tpd mill with 2 float circuits
- Very well maintained by Glencore (closed in June 2022)
- Rail loading facility for concentrate
- Administration building, core processing facility

#### Tailing Storage Facility (TSF)

- Alternative TSF locations have been identified
- No inherited liability from existing TSF

#### **Bracemac McLeod Mine**

- Last mine in the camp operated by Glencore
- Permitting and key infrastructure in place

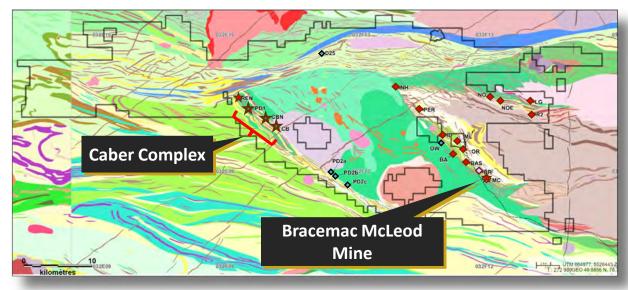
## Mineral Resource Estimate



C	Jurre	nt ae	efine	a mi		s Wit		tne	<u>Car</u>	ber (	<u>om</u>	plex
Deposit	:	Tonnes	Zn	Cu	Ag	Au	Zn	Cu	Ag	Au	Cu Eq.	Cu Eq.
		Kt	%	%	g/t	g/t	kt	kt	koz	koz	%	Mlbs
Caber	M&I	1,493	6.11%	1.15%	10.0	0.21	91.2	17.1	481	9.90	3.19%	105
	Inferred	109	4.96%	1.01%	8.1	0.19	5.4	1.1	28	0.67	2.67%	6
Caber Nord	M&I	1,106	4.96%	1.23%	18.1	0.13	54.9	13.6	645	4.70	<b>2.90</b> %	71
	Inferred	5,733	1.96%	1.34%	10.3	0.11	112.3	76.7	1,894	19.80	2.03%	256
Phelps Dodge		760	3.70%	0.81%	17.3	0.11	28.1	6.2	423	2.67	2.07%	35
	Inferred	1,481	4.05%	1.07%	16.3	-	59.9	15.8	777	-	2.41%	79
Total	M&I	3,359	5.18%	1.10%	14.3	0.16	174.2	36.8	1,549	17.30	2.84%	210
	Inferred	7,323	2.43%	I.28%	11.5	0.09	177.6	93.6	2,700	20.50	2.12%	341

afinad MDE is within the Cab

Metal price assumptions as follow: US\$3.70/lb for Cu, US\$1.30/lb for Zn, US\$23.0/oz for Ag and US\$1,650/oz for Au. USD/CAD 1.30

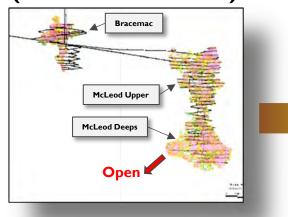


- Only Caber Complex resources currently defined
- McLeod Deep and Extension to be added 2025.
- Large portion of the property very underexplored
- High potential of resources in close proximity to most of the old mines due to low metals prices when they were mined

## Growth Strategy at a High-level

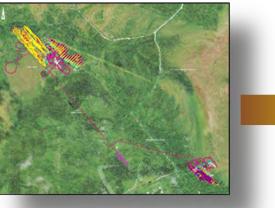


Mining (Bracemac McLeod)



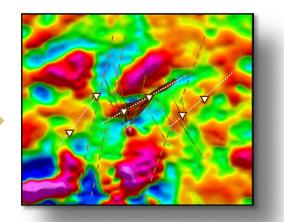
- Mine ready to restart with remaining resources
- New high-grade extension identified (16.4m @ 2.72% Cu & 14.22% Zn)
- 3 to 4 year LOM (estimated)





- Defined Resource 10.6 Mt, 550 Mlbs Cu Eq
- Robust PEA completed
- 9 <sup>1</sup>/<sub>2</sub> year LOM

#### Exploration



- New VMS discovery (Renaissance)
- Open in all directions
- Multiple targets identified
- Target to extend resources to 20+ year mine-life

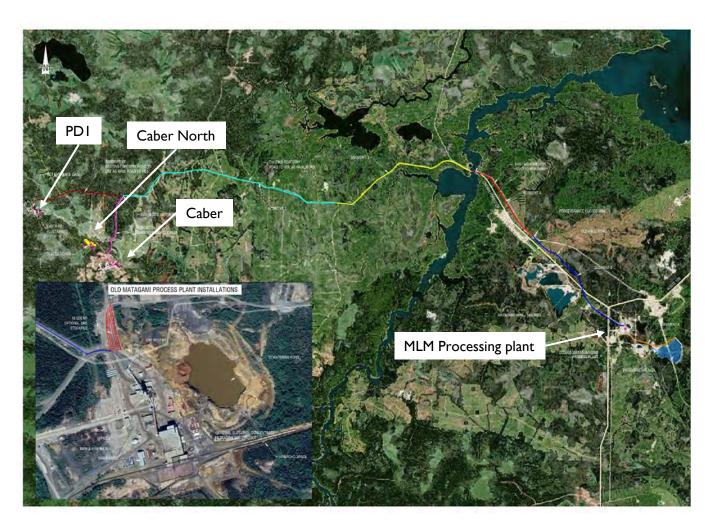
#### Existing infrastructure is the foundation to success of the Matagami restart.

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## Caber Complex PEA – Summary



- Undeveloped deposits, near-term production potential
  - Caber
  - Caber Nord
  - PDI
- Combined Mineral Resource
  - M&I 3.36 Mt, 5.18% Zn, 1.10% Cu, 14.30 g/t Ag, 0.16 g/t Au
  - Inf 7.32 Mt, 2.43% Zn, I.28% Cu, II.50 g/t Ag, 0.09 g/t Au
- Some Exploration upside / Regional potential
- Mining Summary
  - Two Portals Caber and Caber North, PD1
  - Combination of transverse and longitudinal long hole
  - Material trucked to the Matagami Concentrator for processing



## Matagami Mining Camp Economics



## Caber Complex PEA Highlights

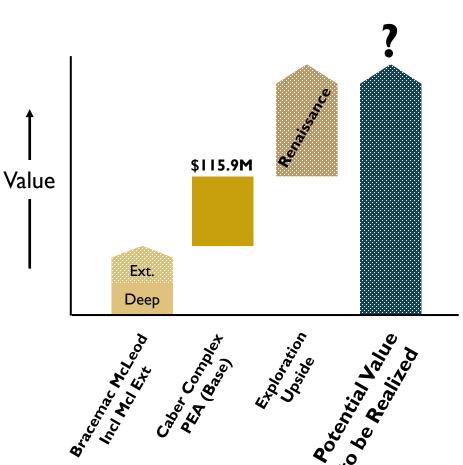
- Clear path to production
- Low CAPEX burden due to existing infrastructure
- Major opportunity for optimisation exist

After Tax	PEA	Consensus	Spot	
Economics	Base Case	Pricing	Price	
NPV <sup>8%</sup>	\$ 115.9 M	\$ 144.7 M	\$ 296.9 M	
IRR	20.0%	22.4%	36.4%	
Cash flow	\$ 294.0 M	\$ 348.6 M	\$ 593.3 M	
Ave annual free cash Commodity Pricing	\$ 27.8 M Base	\$ 32.7 M Consensus (Jan 2025)	\$ 54.0 M Spot (Jan 13 <sup>th</sup> 2025)	
Cu (US\$/lb)	3.74	4.20	4.48	
Zn (US\$/lb)	1.30	1.20	1.42	
Fx rate	1.30	1.31	1.44	

- Initial CAPEX \$172.3 M
- Ave.Annual CuEq 17.5kt

#### Caber Complex only part of the story

## Building a Compelling Growth Value Proposition



## Canadian Development Project Comparison<sup>(1)</sup>



	Matagami Mining Camp	McIlvenna Bay F O R A N	Green Bay FireFly METALS	B26 Deposit Corp Metals Corp	
Location	Quebec, Canada	Saskatchewan, Canada	Newfoundland, Canada	Quebec, Canada	
Stage Restart (2026 FID) (PEA)		Greenfield Development (FS)	Restart (None)	Greenfield Exploration (None)	
Land Package	1,300 km²	210 km <sup>2</sup>	10 km²	33 km²	
	Tonnage : <b>10.7 Mt</b>	Tonnage : <b>44.1 Mt</b>	Tonnage : <b>39.2 Mt</b>	Tonnage : <b>18.5 Mt</b>	
	Grade (CuEq.): <b>2.5%</b>	Grade (CuEq.): <b>2.4</b> %	Grade (CuEq.): <b>2.0</b> %	Grade (CuEq.): <b>2.1</b> %	
Resource (M&I+I) <sup>(2)(3)</sup>	Contained (CuEq.): 590 MIbs	Contained (CuEq.): 2,337 MIbs	Contained (CuEq.): 6,513 MIbs	Contained (CuEq.): 880 MIbs	
	Co-Products: Au, Ag, Zn	Co-Products: <b>Au, Ag, Zn, Pb</b>	Co-Products: Au, Ag	Co-Products: <b>Au, Ag, Zn</b>	
	Proportion Copper: <b>49%</b>	Proportion Copper: 49%	Proportion Copper: 91%	Proportion Copper: 54%	
Existing Infrastructure	3,000 tpd mill with 2 float circuits (option)	Undeveloped (US\$604mm Initial CapEx)	~950m decline & shaft with 1,500 tpd mill	Undeveloped	
Permitting Stage	Mine & mill fully permitted	Environmental permit received	Ming mine fully permitted	Unpermitted	
Market Cap (C\$mm) <sup>(4)</sup>	\$ 20 M	\$1,430 M	\$460 M	\$29 M	

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(1) Asset specific data based on respective company public filings (2) Resource data indicative of attributable resources for the asset shown (3) Metal prices used for equivalency calculation (US\$): Au: \$2,646/oz, Ag: \$32.06/oz, Cu: 4.45/lb, Zn: \$1.43/lb, Pb: \$0.96/lb, Ni: \$8.11/lb, Co: \$10.97/lb, Pt: \$990/oz, Pd: \$995/oz (4) Current as of May 5<sup>th</sup>, 2025

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\*Warrants with strike price from \$0.75 - \$1.35 expiry dates from Dec 2025 to April 2027 \*\* Estimate at Feb 1, 2025

**Capital Structure** 

Issued & Outstanding

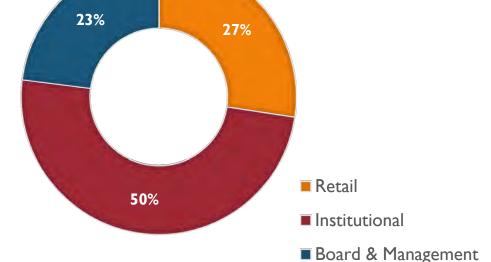
Options

2.6M

51.IM

Warrants\*

**72.4M** Fully Diluted Shares Out



**Top Shareholders** 

Europac Gold Fund CDPQ Sprott Group of Companies Libra Advisors Canada Group

Board & Management (23%)





## Future Catalysts – Continuing to add value



#### **Glencore Agreement concluding**

- Close the Earn-in with Glencore 3 year earnin period completed!
- Working through final steps to closing on transfer of property – Q3 2025
- Option to acquire the Mill will be the next step.

#### **Economic study updates**

- PEA to include Bracemac McLeod into Production restart in 2025.
- Metallurgical test work and resource update for Caber Complex
- Update PEA to FES for Caber Complex (2026)

#### **Exploration**

- Continued exploration of existing targets
- Gold target to be advanced
- Testing of additional geophysical anomalies to continue
- Use of AI to help guide exploration underway

#### **Production restart**

- Advance permitting of TSF and Caber Complex
- Develop detailed restart plan for Bracemac McLeod Mine
- Mill restart planning
- Mine plan optimization

## Set Up for Success & Highly De-risked



Solid foundation to create value through continued de-risking and execution



Tier I mining-friendly jurisdiction

Situated in the prolific Abitibi Greenstone Belt

Highly supportive local community



Strong support from Quebec funds



Access to rail, road, airport, hydroelectric power & water



Prospective exploration targets on large land package

Existing site infrastructure



Permitted 3,000tpd mill and mine



Robust existing resource of >11Mt and growing



District scale consolidation opportunity



Peter van Alphen President, CEO and Director pvanalphen@nuvauminerals.com

nuvauminerals.com

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## Status of Glencore Agreement



- Exploration earn-in agreement \$30 million over 3 years
  - Completed Notice submitted to Glencore for review and approval
- Final Payment \$10 M, Cash and/or equity (up to 9.9%)
- Acquisition of the mill \$5 M Cash and/or equity (up to 9.9%)
- Glencore to retain 2% NSR and offtake
- Nuvau will own 100% of the claims following earn-in





## Management Team





Peter van Alphen President, CEO & Director



**Steve Filipovic** CFO







**Bastien Fresia** Director of Technical Services



**Philippe Rio Roberge** Director of Project Development

### **Technical Team**







## **Board of Directors**







Ewan Downie Director



Michael Vitton Director



Steven Bowles Director

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Fariah Mir Director

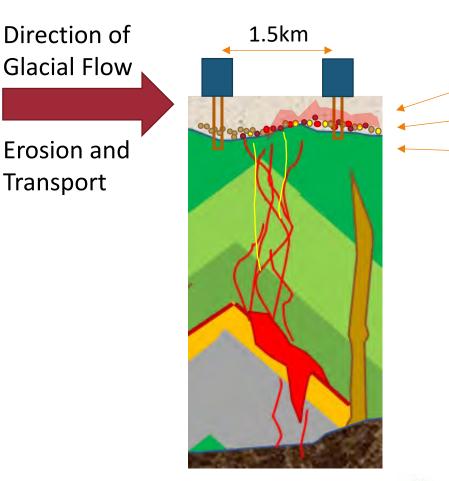


**Peter van Alphen** President, CEO & Director

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## Sonic Drilling - Explained





Sonic drilling is a preffered method for testing the overburden for anonalies.

Multi-element geochemical signature is present in the:

- Fine material
- Large fraction
- A sample of source rock is taken







Water possibly used between casings.





**Repeat Core** 



Source; https://www.terrasonicinternational.com/tsi-sonic-technology/how-sonic-drilling-works/



## Reality of Northern Abitibi, +30m of overburden

- Very few rock outcrops
- Thick overburden, 30m+
- The glaciers eroded the bedrock and carried the torn fragments southward.
- Objective: To assess the potential dispersion of gold and base metals in glacial sediments buried beneath the Ojibway Clay Belt.

