## Dawn of a New Era Matagami, Quebec

# NUVAU MINERALS CORP.

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In this presentation, these forward-looking statements relate, among other things, to statements regarding the future plans and objectives of Nuvau, resource exploration and expansion results, future prospects of the Matagami property, estimate of future metal prices, anticipated future revenue streams, completion of a go-public transaction and financing activities.

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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 Cabert 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'Écuyer, 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 foregoing technical report should be not construed as depicting the complete findings of the entire referenced 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.

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## The Next Highly Coveted Critical Metals Story

### World Class Asset

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

### **Experienced Team**

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

### **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 •





### **Tier I Jurisdiction**

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

### **Quality Infrastructure**

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



## Vision and Growth Strategy



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

### Production

### Bring Matagami back into production

- Leverage existing resources providing 10+ years LOM
  - Bracemac McLeod Mine
  - Caber Complex
- Preservation of existing CAPEX
- Permitted mine and processing plant
- Permitting baseline studies

### 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
  - Precious metals
- District scale opportunity

## Management and Board of Directors





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

Peter van Alphen has almost 30 years of experience in progressive leadership roles in various sectors of mining industry. Most recently he was the COO of Premier Gold Mines, where he oversaw Premier's mining and development projects. Prior to that he served as Canadian Country Manager for Pan American Silver, VP of Operations for Tahoe Resources, and VP of Operations for Lake Shore Gold. He was also involved in various management positions with FNX Mining in Sudbury, with the building of Podolsky Mine and reopening of Levack Mine.



**Steve Filipovic** CFO

PREMIER



WOLFDEN

Steve Filipovic is a CPA with over 23 years of experience. He was a member of the founding team of Premier Gold Mines and, as its CFO, played an integral role in transitioning the company from explorer to producer until acquisition by Equinox Gold in 2021. Prior to that he served as CFO of Zinifex Canada and was VP, Finance of Wolfden Resources until its acquisition by Zinifex in 2007. He has held numerous director and/or senior officer roles with other reporting issuers and practiced as an Audit Manager with Ernst & Young LLP in their Calgary based Oil & Gas group.



#### **Gilles Roy GLENCORE** Director of Exploration

Gilles Roy is a highly skilled district geologist with over 30 years of experience in mineral exploration across various countries, with the majority being at Glencore, and has broad expertise in various ore deposit types and mineral commodities with a specialization in base metal deposits found in volcanic host rocks. He led the exploration programs that resulted in the discovery of the McLeod deposit in 2004 and the Bracemac deposit in 2006. Gilles holds a B.Sc. in Geology from Université du Québec a Montréal (UQAM) and is a qualified person by National Instrument 43-101 and a member of the Ordre des géologues du Québec (OGQ).



### **Technical Team**





### **Board of Directors**



Chairman **i-80 WOLFDEN** 



**Michael Vitton** Director BMO 🙆 Capital Markets

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manabi OPETRORIO



**Steven Bowles** Director Investissemer Ouébec NEBARI



Director D Deloitte. IAMGOLD

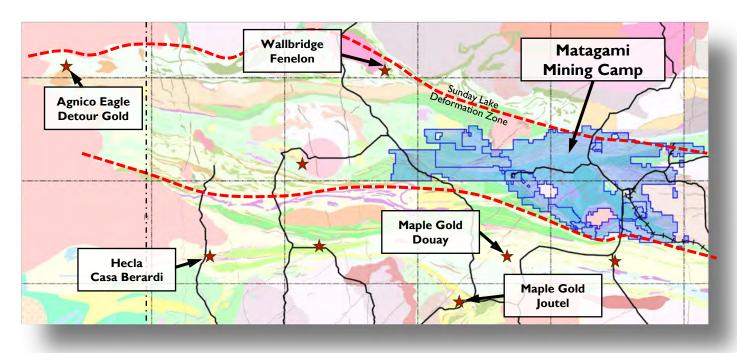
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## Matagami – World Class Mining District



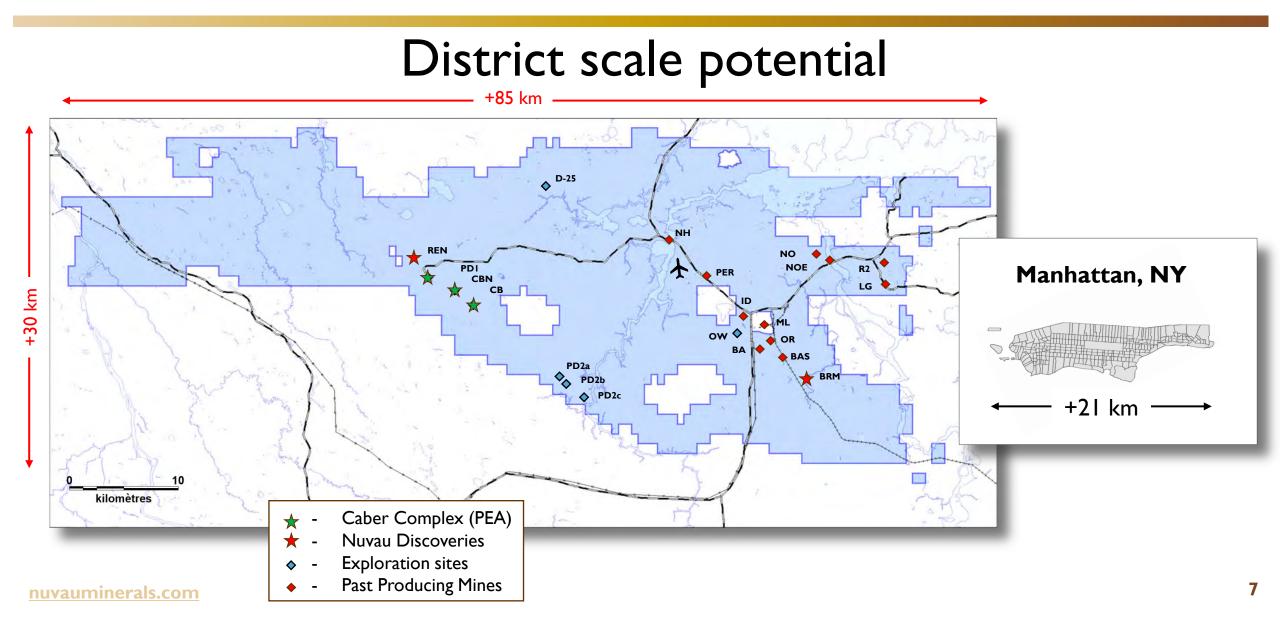
A renowned base metals district characterized by VMS deposits and situated in the prolific Abitibi Greenstone Belt



- Located in Quebec, a Tier 1 mining-friendly jurisdiction
- District scale potential 1,300 km<sup>2</sup>
- Mineral endowment is proven
  - Past producing district
    - ~60 years of operating history
    - 12 base metal mines
    - ~60Mt mined
    - Glencore was the last operator, closed June 2022
- Access to excellent infrastructure
- Permitted mine and mill
- Potential high grade VMS systems
- Multiple existing untested targets
- Gold potential has been overlooked

### Significant Land Package

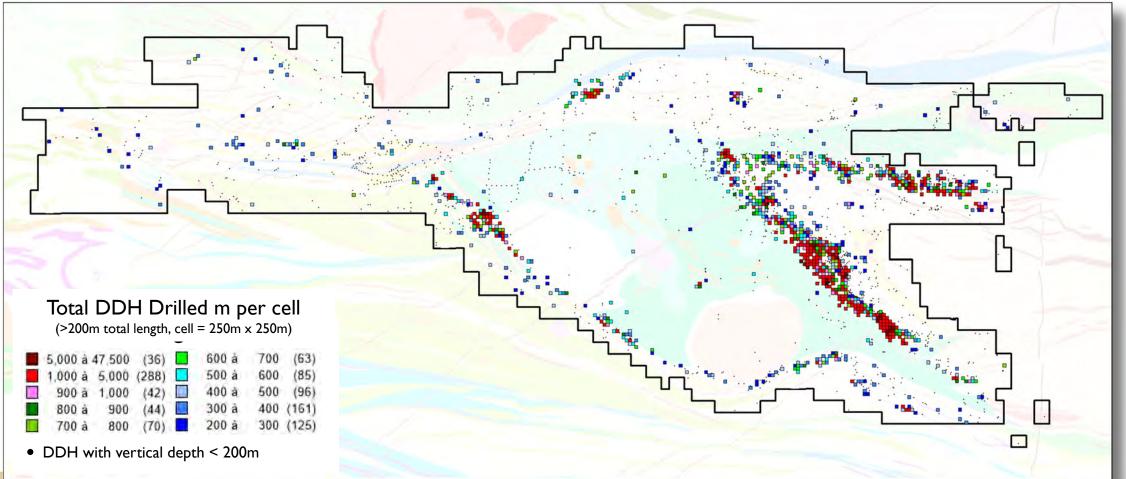




## A Proven Long-Life Mining Camp



Matagami was operating for almost 60 years despite vast portion of the land package remains underexplored – only 4.6% has drilling below 200 m



### Mineral Resource Estimate – More to come

Deposit		Tonnes	Zn	Cu	Ag	Au	Zn	Cu	Ag	Δ		Cu Eq.
Deposit		ronnes	211	Cu	<b>~</b> 5	Au	20	Cu	~δ	Au	си <b>с</b> ц.   	Cu Ly.
		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
											1	
Caber	M&I	1,106	4.96%	1.23%	18.1	0.13	54.9	13.6	645	4.70	<b>2.90</b> %	71
Nord	Inferred	5,733	1.96%	1.34%	10.3	0.11	112.3	76.7	1,894	19.80	2.03%	256
											I I	
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

Current defined MRE is within the <u>Caber Complex</u>

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

Mine
Only Caber Complex resources currently defined

**Bracemac McLeod** 

**Caber Complex** 

- McLeod Deep and Extension to be added late 2024 / early 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



## 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

### **Bracemac McLeod Mine**

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

### Tailing Storage Facility (TSF)

- Alternative TSF locations have been identified
- Permitting baseline work started
- No inherited liability from existing TSF

### Proximity to the Matagami Town

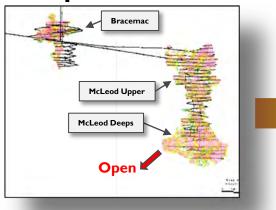
- Access to skilled workforce due to the region's rich mining history
- Existing MRE is located ~40km west of the town



## Growth Strategy at a High-level

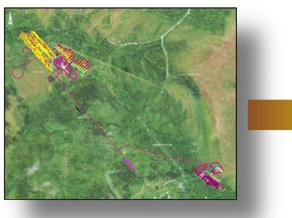


### Bracemac McLeod Deep & Extension



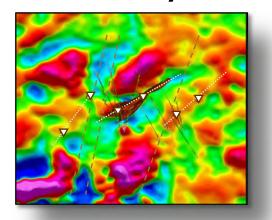
- Mine ready to restart
- New High-grade discovery
- Remaining resources
- 3 to 4 year LOM (estimated)





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

### Renaissance Discovery



- New VMS discovery
- Open in all directions
- Exploration continuing
- Extend resources to 20+ years

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

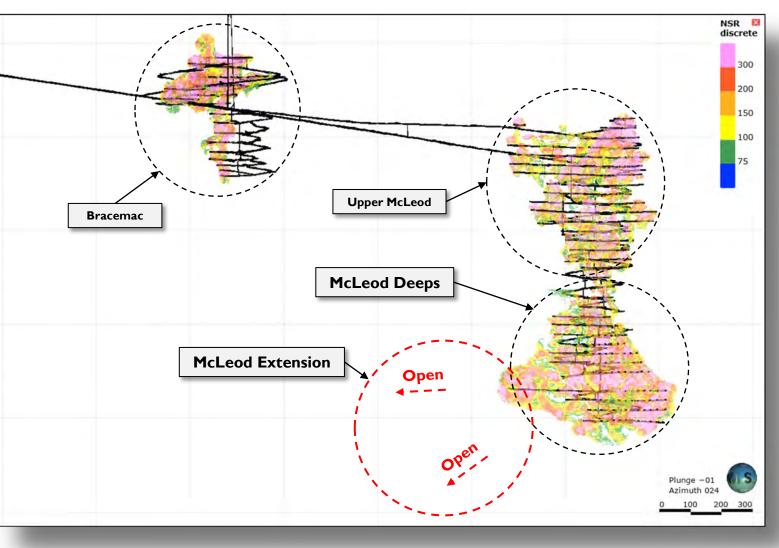
## Bracemac McLeod Mine

#### **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

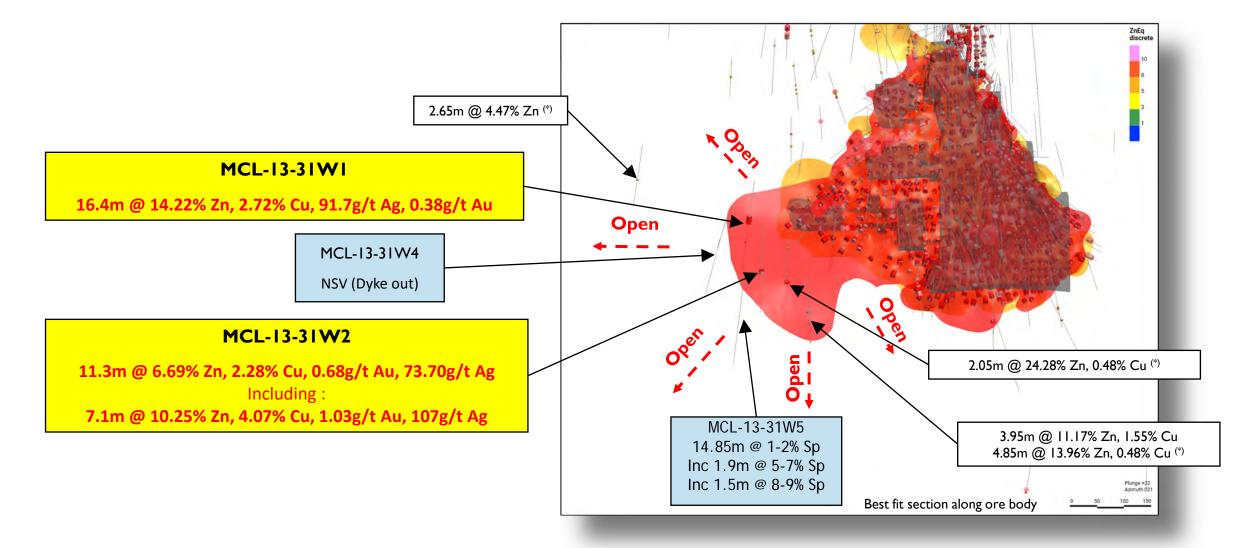
- Remaining Resources in McLeod Deep
- McLeod Extension discovery





## Bracemac McLeod Mine – McLeod Extension





## Bracemac McLeod Mine

#### **Resources**

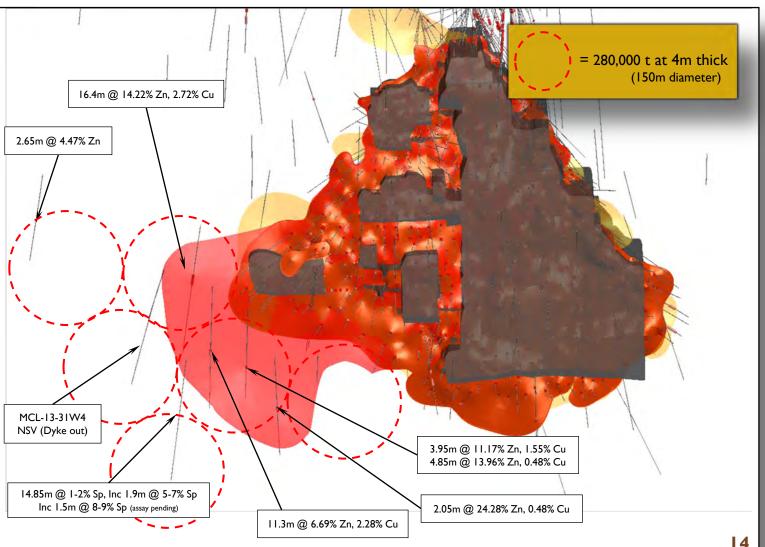
- Remaining resources in McLeod Deeps •
- Internal estimate of 0.9Mt at 6% Zn and 0.9% Cu •

### **Exploration**

- Mcl eod 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

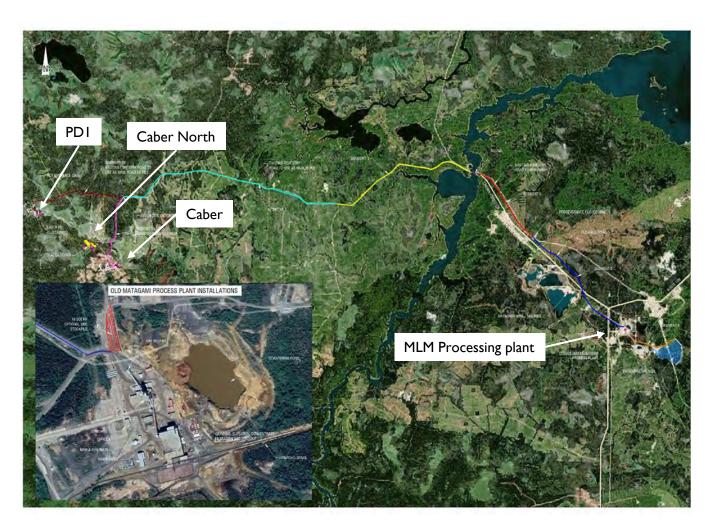




## Caber Complex PEA – Summary



- 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
  - Ore trucked to the Matagami Concentrator for processing

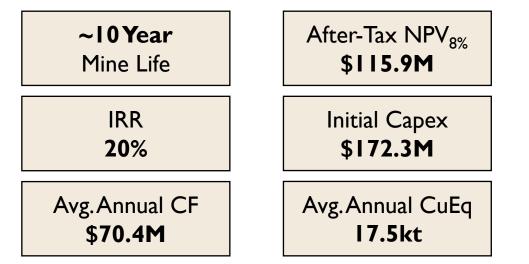


## Matagami Mining Camp Economics



### Caber Complex PEA Highlights

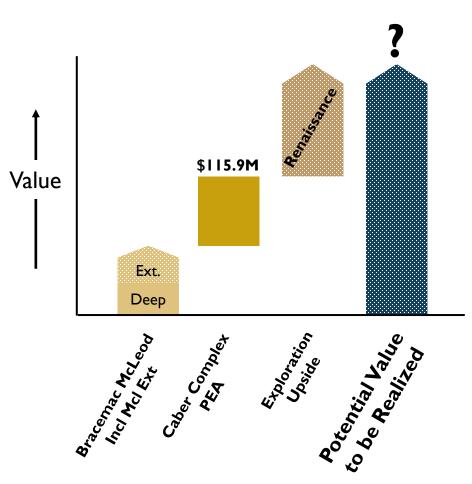
- Clear path to production
- Low CAPEX burden due to existing infrastructure
- Major opportunity for optimisation exist



### Caber Complex only part of the story

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### Building a Compelling Growth Value Proposition



## Renaissance Zone

### **Exciting New Discovery**

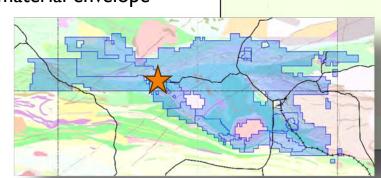
- Drilled a VTEM anomaly
- Massive and semi-massive sulphides
- Early-stage target, open in all directions
- VMS lens with high grade precious metals

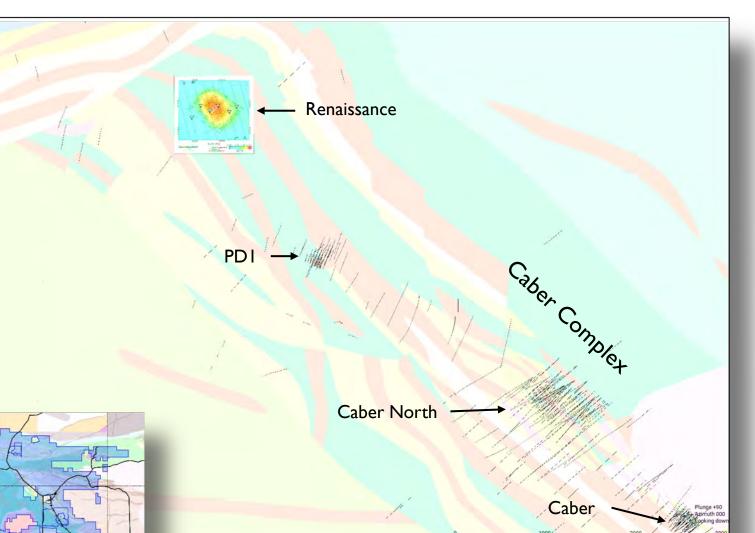
### West Camp

- Close proximity to the Caber Complex
- Unique structural context for the area at the heart of a fold

### Early-Stage Drilling

- Current focus on the Main Panel of the zone
- 650,000 m<sup>3</sup> sulphide-pipe material envelope intersected

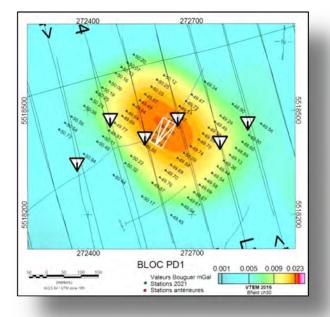


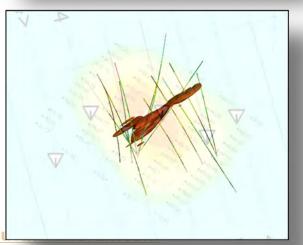




## Renaissance Zone



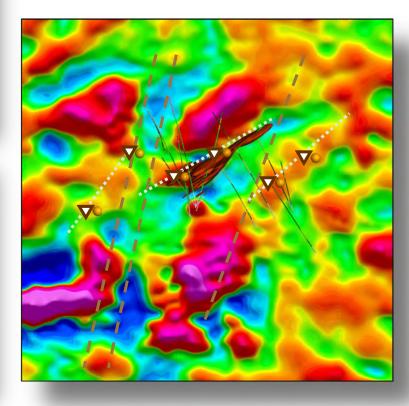


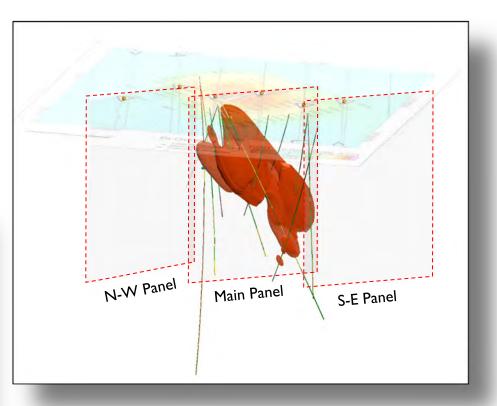


### **Conductor interpretation**

- 3 structural panels
- Separated by intrusives and faults

### **Only Main Panel drilled to-date**



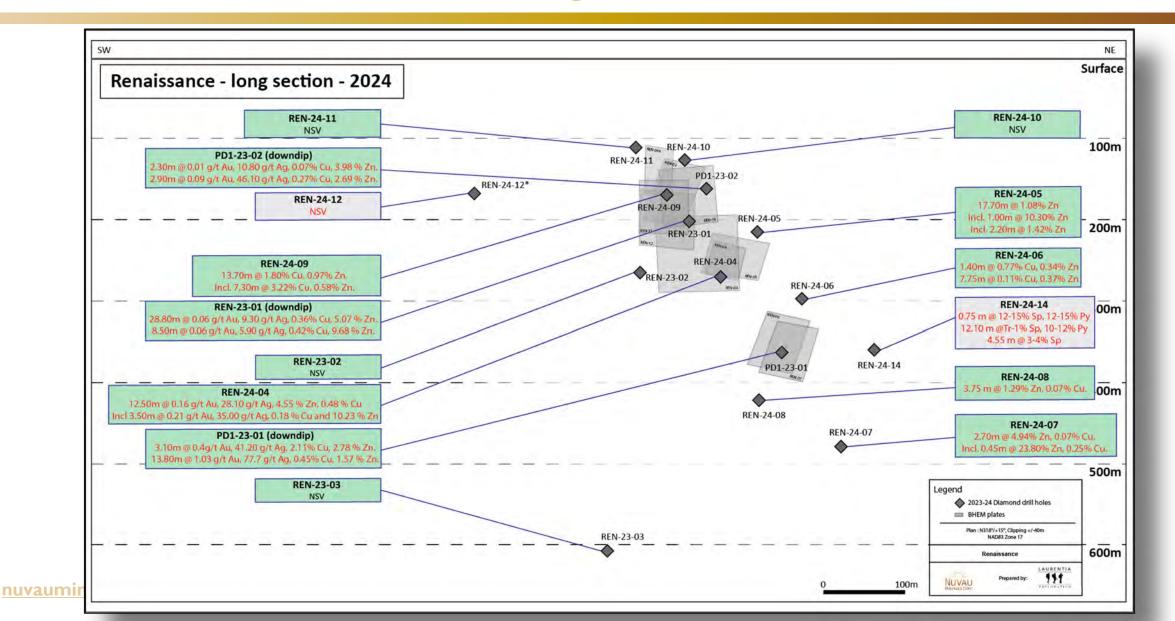


### Early-Stage Drilling

- Current focus on the Main Panel of the zone
- 650,000 m3 sulphide-pipe material envelope intersected

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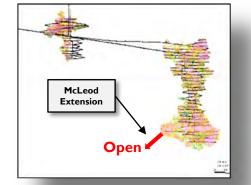
## Renaissance Zone Drilling – Main Panel





## Key Milestones and Objectives





McLeod Extension

- Potential for early production from the existing, permitted mine
- Demonstrated high grade resource expansion potential
- 2024 drill program 5,000m to extend resource
- Potential for 3+ years of early production (2 3 Mt)

Caber Complex PEA

Renaissance

Discovery

- Positive PEA completed, permitting baseline studies started
- Delivery of PFS will further drive value
- 2024 drill program 9,660m conversion and met drilling
- Life of Mine almost 10 years (9.7 Mt)

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- Exciting new discovery in the vicinity of the Caber Complex
- VMS structure with high grade precious metals
- 2024 drill program 10,000m continued exploration of the zone
- Discovery presents significant organic growth opportunity and exploration upside potential

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## **Capital Raised to-date \$20.67 Million**

**Capital Structure** 

29,893,998

Issued & Outstanding

9,677,833 Warrants\*

42,141,831 Fully Diluted Shares Out

\*Warrants with strike price from \$0.75 - \$1.00,

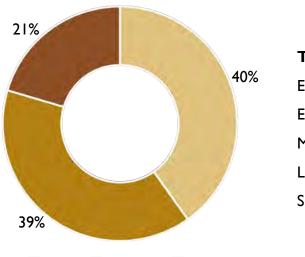
expiry dates from Dec 30/24 to Nov 14/26

Insider Ownership

~11,640,000

2,570,000 Options





Insiders Institutional Retail

**Top Shareholders** Europac Gold Fund Ewan Downie **Michael Vitton** Libra Advisors Canada Group Sprott Group of Companies

Issuance Summary<sup>\*\*</sup>

Q4 2023	\$0.75
QI 2023	\$0.50
QI 2022	\$0.50
Average Cost new shows	¢0 (0

Average Cost per share \$0.69

\*\* Base unit price, not including premium due to charity flow through



## Work Plan and Next Steps



#### Timeline and Catalyst

Next 12 Months

Next 12-30 Months

>30 Months

- McLeod Extension Exploration
- Renaissance Exploration
- Caber Complex Conversion and Met sample drilling
- TSF Permitting baseline study work
- Resource and PEA Update
- Complete Earn-In
- Caber Complex metallurgical test program
- Permitting Detailed engineering and EIA
- Power back on site
- Re-open Bracemac McLeod (BCM) portal
- Mill and BCM restart evaluation
- Underground drilling at BCM
- Continued Exploration
- PFS
- Permitting EIA submission
- Prepare for BCM restart

#### 2024 / 2025 Budget (\$ M)

Exploration and Met drilling	\$8.5
Resource, Engineering, Studies	\$2.4
Permitting	\$1.4
Land & Administration	\$0.3
Site OPEX	\$1.0
G&A	\$2.1
Working capital	\$9.8
Total Budget	\$25.0

#### **Status of Glencore Agreement**

- Earn-in agreement \$30 million over 3 years
  - Year I \$8 M Completed
  - Year 2 \$10 M Completed
  - Year 3 \$12 M Ends March 25 2025
- Final Payment
- \$10 M, Cash and/or Equity, up to 9.9%
- Acquisition of the mill \$5 M
- Glencore to retain 2% NSR and offtake
- Nuvau will own 100% of the claims following earn-in

## 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



Existing site infrastructure



Permitted 3,000tpd mill



Permitted developed mine



Robust existing resource of >11Mt and growing



Prospective exploration targets



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

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# NUVAU Minerals Corp.

## Appendix – Caber Complex PEA – Economics Summary



#### **Long-Term Pricing Assumptions**

<u> </u>		
Zinc	US\$/Ib	\$1.30
Copper	US\$/Ib	\$3.74
Gold	US\$/oz	\$1,650
Silver	US\$/oz	\$23.00
FX (USD to CAD)	USD/CAD	1.30
Operating Metrics		
Daily Throughput	tpd	3,000
Life of Mine (LOM)	years	9.5
Avg. LOM Zinc Grade	%	2.94%
Avg. LOM Copper Grade	%	1.10%
Avg. LOM Gold Grade	g/t	0.10
Avg. LOM Silver Grade	g/t	10.69
LOM Mill Feed	kt	9,761
LOM Payable Zinc	Mlbs	505.2
LOM Payable Copper	Mlbs	201.8
LOM Payable Gold	Koz	5
LOM Payable Silver	Koz	936
Cost Metrics		
Initial Capex	С\$М	\$172.30
Sustaining Capex	C\$M	\$136.50
LOM Operating Costs	C\$/t milled	\$83.49
Economics		
LOM Cash Flows	C\$M	\$294.0
After-tax NPV <sub>8%</sub>	C\$M	\$115.9
IRR	%	20%
Payback Period	years	3.0

### Engineering & Permitting Work

- Streamlined permitting work permitting baseline work has commenced
- 2-3 years away from construction decision stage

### Infrastructure

- Permitted mill
- Excellent access to roads, power, water and talent

### **Mining Summary**

- Two Portals Caber and Caber North, PD1
- Combination of transverse and longitudinal long hole
- Ore trucked to the Matagami Concentrator for processing

### **Efficient Cost Structure**

- Existing infrastructure lowers initial CAPEX burden significantly
- Contingency cost represents ~25% of total initial CAPEX

### **Upside Opportunities**

- Remnant resources in the past producing mines (Bracemac-McLeod)
- Desulphurization of the tailings
- Trade-off: conventional slurry vs dry stacking tailings
- Optimization of underground mine
- Potential discovery of additional deposits