High-Grade Silver in Northern Ontario

Corporate Presentation

February 2024

Nord PRECIOUS METALS

FORWARD LOOKING STATEMENTS

DISCLAIMER

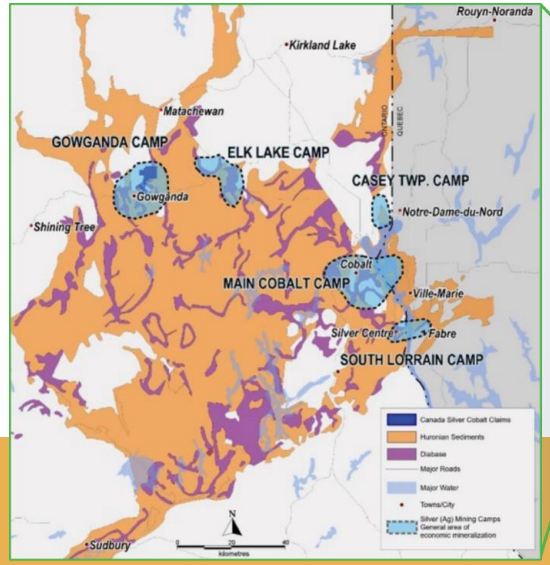
Neither the TSX Venture Exchange nor its Regulation Service Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this material.

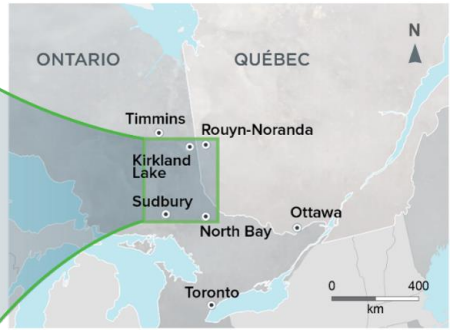
This presentation may contain forward-looking statements including but not limited to comments regarding mineral resources and the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, etc. Forward-looking statements address future events and conditions and therefore, involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements. The Company does not undertake to update any forward looking information in this presentation or other communications unless required by law.

QUALIFIED PERSON

The technical information in this corporate presentation was reviewed and approved by Nord Precious Metals Mining Inc. President and Chief Operating Officer Matt Halliday, P. Geo., who is a Qualified Person in accordance with National Instrument 43-101.

THE COBALT CAMP





BIRTHPLACE OF CANADIAN HARD ROCK MINING

Located along the Abitibi Greenstone Belt, the Castle Mine produced 9,500,000 oz silver with 300,000 lbs cobalt in the 1900s

SILVER AND COBALT

The Castle Mine was among the highest grade silver producers in the Camp

HISTORIC PRODUCTION:

500,000,000 oz SILVER

30,000,000 lbs COBALT

WHAT WE ARE WORKING ON

CASTLE MINE

Past producing high-grade Silver mine with Cobalt byproduct

CASTLE EAST

High-grade Silver-Cobalt discovery with gold mineralization

TTL

Bulk processing facility and Assay Lab open for business

RE-2OX

Hydrometallurgical process with validated recovery results

LEADING THE WAY IN REVITALIZING THE SILVER-COBALT CAMP IN NORTHERN ONTARIO

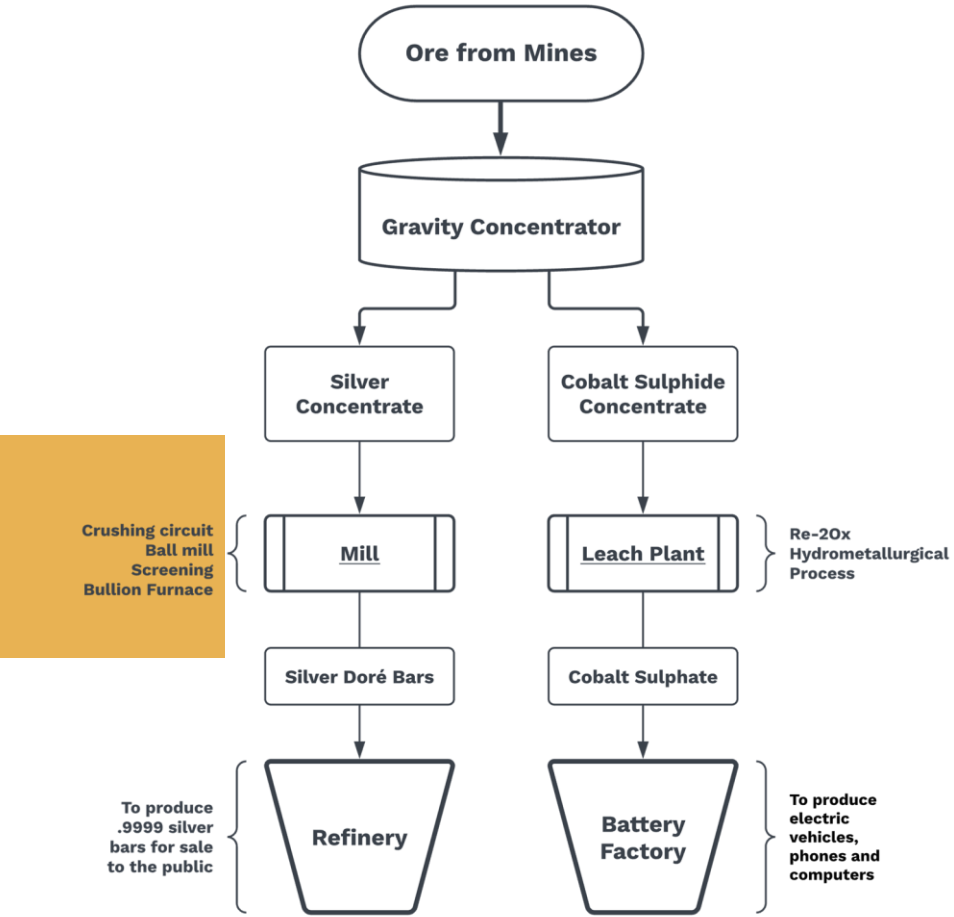
NEXT STEPS TOWARDS PRODUCTION

FURTHER DRILLING — AT CASTLE EAST TO EXPAND THE NUMBER OF VEINS

BULK SAMPLE — FOR PROCESSING AT THE TTL HIGH-GRADE MILL

PILOT PLANT — SIZE PLANT-SCALE EQUIPMENT AND TEST TAILINGS

90% Silver Doré bars processed at TTL

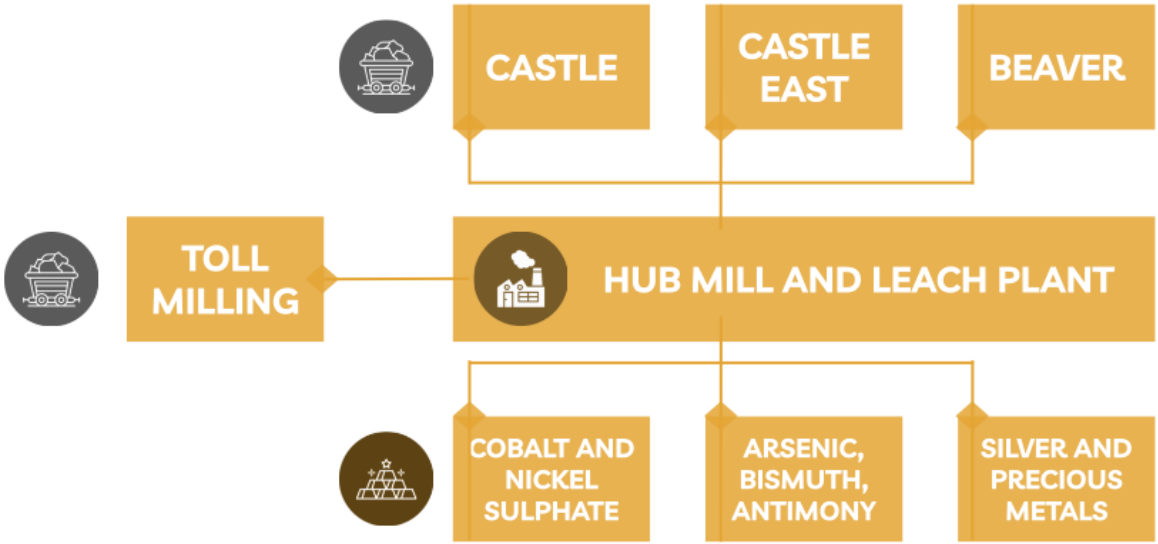


THE PROCESS

The input material would be fed for separation into a gravity concentrator

The silver-gold concentrate would go to the mill to produce doré bars

The cobalt concentrate would go to the leach plant to produce cobalt sulphate and other critical minerals as by-products such as nickel, arsenic, bismuth and antimony



HUB AND SPOKE

This system would produce silver and cobalt primarily, but also critical metals such as nickel, arsenic, antimony and bismuth.

Material from producing mines, remediated tailings, and waste piles could be transported to a central processing hub.

TEMISKAMING TESTING LABS

FULLY FUNCTIONAL ASSAY LAB OPEN FOR BUSINESS

HIGH-GRADE MILL READY FOR BULK SAMPLING AND PROCESSING, INCLUDING A BULLION FURNACE CAPABLE OF POURING 2 MILLION OZ OF SILVER DORÉ BARS PER YEAR

TSX-V **NTH** I OTCQB **CCWOF** I FF **4T9B**

RE-2OX PROCESS

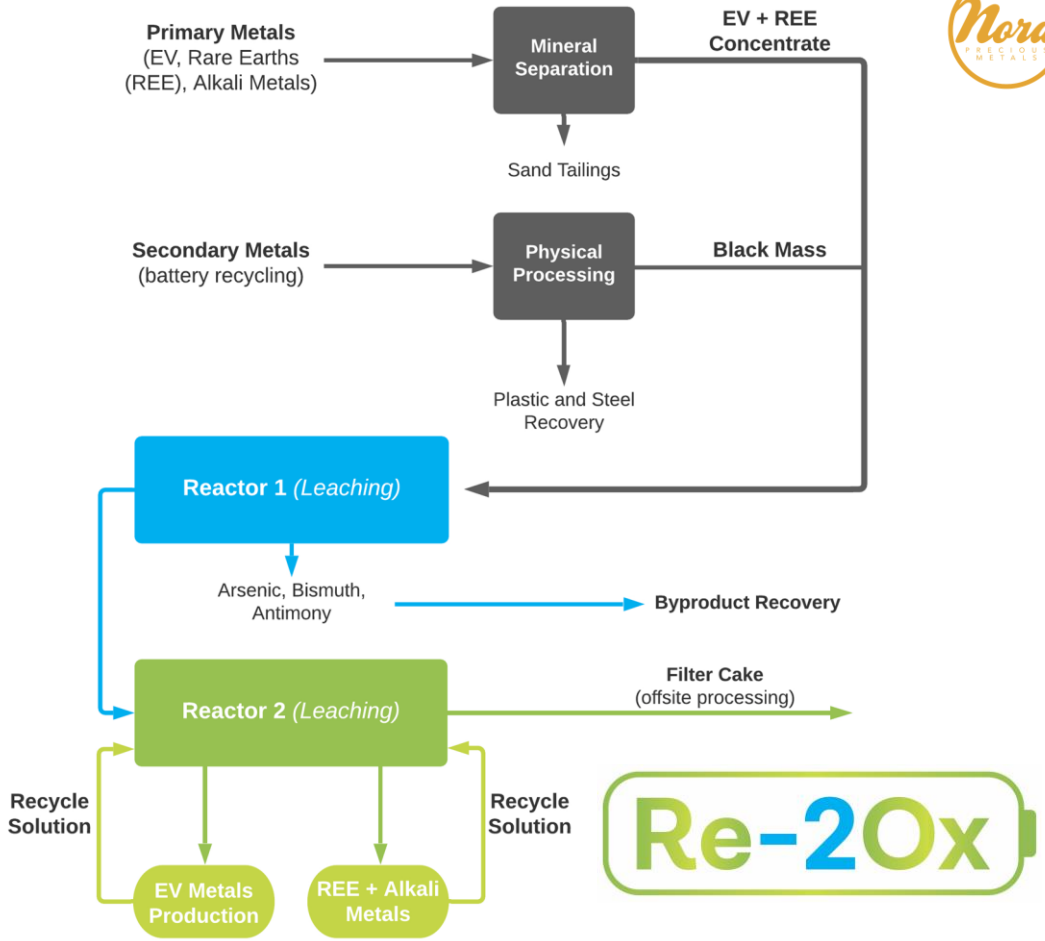
CLOSED LOOP
The hydrometallurgical process produces low-carbon metals

RECOVERY
Rates of 99% Cobalt recovered from gravity concentrate

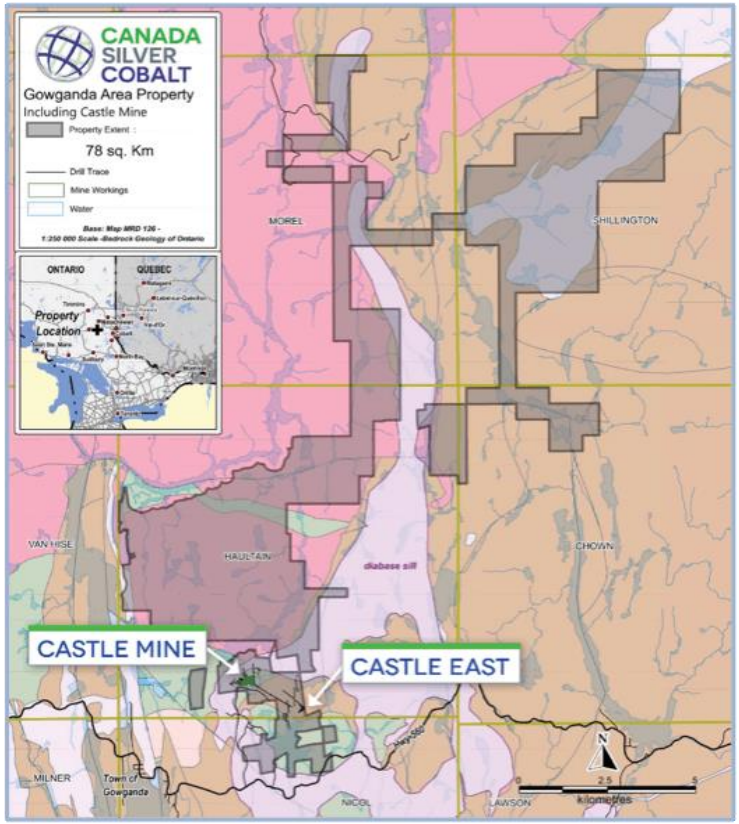
VALIDATION
Produced 22.6% Cobalt sulfate on specification for Sumitomo

SUSTAINABLE
No smelting required, and no discharge left behind

PILOT PLANT
Being built at SGS Lakefield, Ontario



THE CASTLE PROJECT



EXCELLENT INFRASTRUCTURE

LOCATED IN AN ESTABLISHED MINING DISTRICT

PREVIOUSLY PRODUCING MINE

INCLUDES AND ADIT AND ALL THREE FORMER EXISTING MINE SHAFTS

FIRST NATIONS

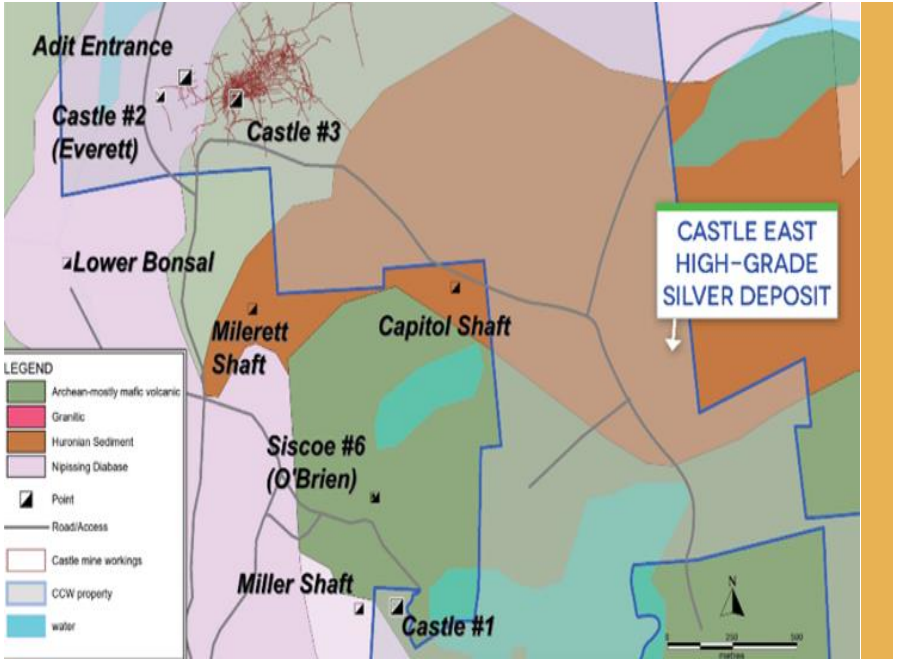
STRONG RELATIONSHIP WITH ALL AGREEMENTS IN PLACE

EXPLORATION POTENTIAL

IN THE PROLIFIC MILLER LAKE BASIN, WHERE ONLY THE PERIPHERY HAS BEEN EXPLORED

CASTLE EAST DISCOVERY

HIGHEST SILVER GRADES IN THE WORLD



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Castle East drill Intercepts:

Up to **89,859 g/t Ag (2,621 oz/ton)** over 0.30m

Multiple high-grade structures discovered

Results consistent with early 1900s discoveries in the Camp

Past mining in the area produced more than 50 million ounces silver

CASTLE EAST DRILLING HIGHLIGHTS

70,380 g/t Ag

(2,263 oz/t Ag) + 2.61% Co over 0.30m

Gold Equivalent[1]: 33.65 oz/t AuEq

50,583 g/t Ag

(1,626 oz/t Ag) + 0.3% Co over 0.60m

Gold Equivalent[1]: 24.19 oz/t AuEq

89,853 g/t Ag

(2,621 oz/t Ag) over 0.30m

Gold Equivalent[1]: 38.97 oz/t AuEq

1. AuEq is a conceptual comparison of in-situ values, and the deposit's primary metal is silver not gold. No metallurgical recovery parameters have been applied. AuEq was calculated based on US$27.625/oz Ag and US$1,857.80/oz Au. Co values are not included in the calculation. Intervals are core length. See May 2021 Technical Report filed on SEDAR for additional data on drill results, including QAQC and collar locations

FIRST EVER RESOURCE IN THE CAMP

MINERAL RESOURCE ESTIMATE AT CASTLE EAST (43-101)

	Tonnes	Ag g/t	Co g/t	Cu g/t	Ni g/t	AgEq g/t	Ag oz	AgEq oz
Zone 1A	8,100	7,960	946	349	790	8,042	2,073,000	2,094,200
Zone 1B	19,300	8,843	2,308	325	336	8,998	5,487,200	5,583,200
Zone 2A	5,500	38	5,673	2,101	453	426	6,800	75,300
Total	**32,900**	**7,149**	**2,537**	**628**	**467**	**7,325**	**7,567,000**	**7,752,700**

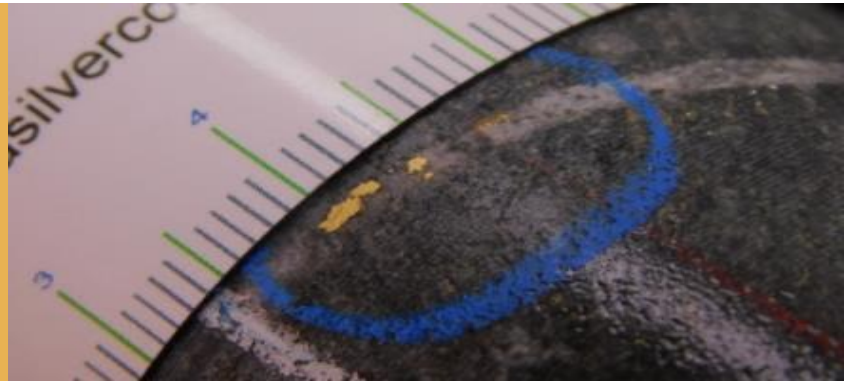
Average Silver Grade: 8,582 g/t (250 Ag oz/ton)
Total: 7.5 m oz Inferred Resource

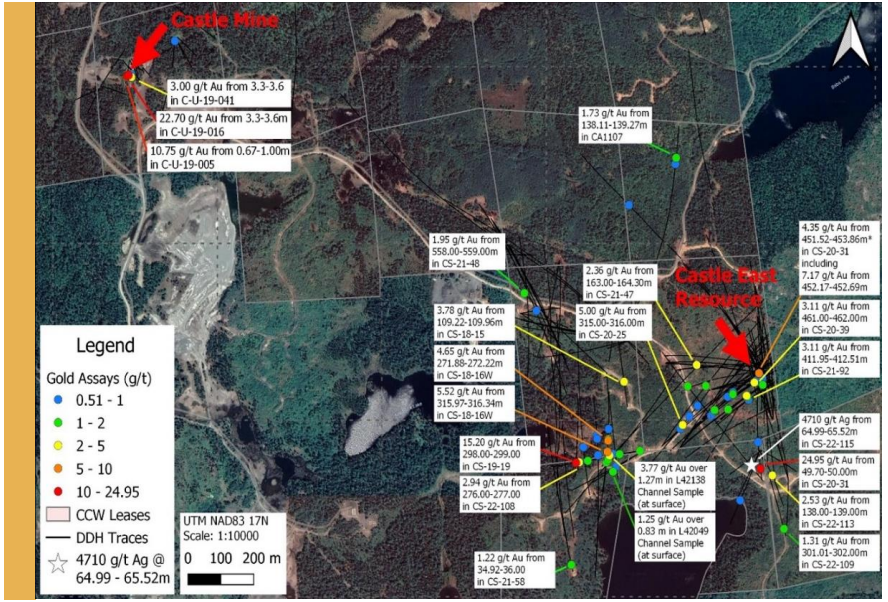
Mineral resources that are not mineral reserves do not have demonstrated economic viability. For full details, see the following report filed on Sedar and on the Company's website: NI 43-101 Technical Report Update for Castle East, Ontario, Canada, Effective date: 30 April, 2021 Issue date: 25 May, 2021 prepared by GoldMinds Geoservices Inc. by Independent QP Merouane Rachidi, P. Geo., Ph.D in accordance with National Instrument 43-101. Mineral Resource is reported with mineable shape cut-off grade equivalent to 125$USD (258 g/t AgEq) including mining, shipping and smelting cost with recovery of 95%.

CASTLE EAST: GOLD DISCOVERY

At-surface channel samples of 3.77 g/t gold over 1.27m, 1.16 g/t gold over 0.78m, and 1.25 g/t gold over 0.81m

Near-surface drill intercepts up to 24.95 g/t gold over 0.30m from 49.70-50.00m with visible gold

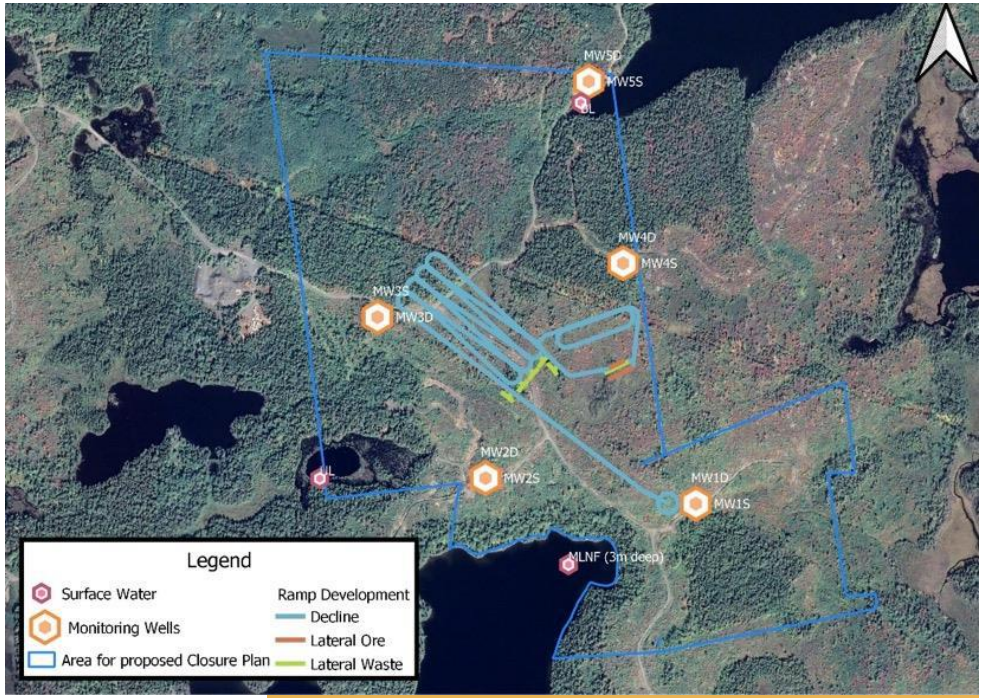




GOLD MINERALIZATION IMPROVES ECNOMICS

RAMP TOWARD PRODUCTION

- Conceptual schematic diagram of proposed ramp
- Includes location of water monitoring wells required for permitting
- Existing near surface silver and at-surface gold mineralization should improve development economics of the ramp
- Future drilling and field work may further improve design



Matt Halliday (Left), Frank Basa (Right)

TECHNICAL TEAM

MATT HALLIDAY P.GEO
President and COO, 15+ years of exploration and development worldwide including narrow-vein deposits (SGS, Kirkland Lake Gold, First Cobalt)

FRANK BASA P.ENG
CEO and Chief Metallurgist, 40+ years of exploration, milling, and metallurgy

DIANNE TOOKENAY B.Admin M.P.A.
Director (First Nations Consultant), is involved in and supports critical consultations with First Nations

CAPITAL STRUCTURE

Issued and Outstanding	302,494,963
Stock Options Outstanding	11,118,335 ($0.10 - $0.70)
Warrants Outstanding	119,123,108 ($0.075 - $0.65)
Fully Diluted	432,736,406
MARKET CAPITALIZATION	**$12,000,000**

(1) Share numbers approximate, as of November 29, 2023

(2) Market capitalization based on share price as of February 15, 2024.

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