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2024 Precious Metals Summit

Beaver Creek, Colorado, USA

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Managing Director & CEO

aumegametals.com

ASX: AAM | TSXV: AUM | OTCQB: AUMMF



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Mineral Resources

The information in this Presentation that relates to the Mineral Resource estimate for the Cape Ray Gold Project was announced on 30 May 2023. AuMEGA confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 30 May 2023 and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in that announcement continue to apply and have not materially changed.

Mineral Resources are reported using a cut-off grade of 0.30 g/t gold for open pit and 2.00 g/t gold for underground. Assumptions for the open pit and underground grade cut-offs consider the following: a gold price of USD 1750 per troy ounce gold, selling costs of USD 5 per troy ounce gold, exchange rate of 1.3 USD:CAD, open pit mining costs of CAD 3 per tonne, underground mining costs of CAD 92.47 per tonne, processing costs of CAD 20 per tonne, G&A costs of CAD 5 per tonne processed, gold recovery of 96%, and royalty of 3% for Zone 4, 41 and Isle aux Morts and royalty of 1% for Window Glass Hill, Angus, PW Zone and Zone 51. The open pit Mineral Resources are constrained using optimized pit shells that have been generated using Lerchs Grossman algorithm with parameters outlined above, using a maximum of 50 degree pit slopes. The underground Mineral Resources are constrained using a 2.00 g/t gold grade shell below the optimized pit based on the assumptions summarised above.

The Mineral Resource Estimate for the Cape Ray Gold Project has been prepared by Trevor Rabb, P.Geo. (EGBC #39599 and PEGNL #11155) who is a Competent Person as defined by JORC 2012. EGBC (formerly APEGBC) and PEGNL (APEGNL) are Recognised Professional Organisations accepted for the purpose of reporting in accordance with appendix 5A of the Australian Securities Exchange Listing Rules. Mineral Resources for the Cape Ray Gold Project have an effective date of 22 February 2023.

Exploration Results

The information in this Presentation that relates to exploration results reported through Company ASX announcements that can be found on the Company's website: www.aumegametals.com.

Data in this presentation have been previously disclosed by the Company and referenced in previous JORC Table 1 releases. Please see announcements dated: Mineral Resource estimate announced on 30 May 2023, Company 2024 exploration announcements on 28 August 2019, 31 October 2019, 29 October 2020, 16 January 2024, 23 May 2024 and 31 July 2024, Malachite announcements dated 20 August 2024, 20 April 2022, 8 June 2022, 12 September 2022, 14 September 2022, 6 October 2022, 12 December 2022, 25 January 2023 and 11 October 2023, Long Range announcements on 14 April 2021, 31 October 2019, 23 February 2023 and 24 August 2023, Bunker Hill announcements on 14 April 2021, 22 March 2023 and 6 April 2023, Hermitage prospecting results announced on 18 May 2023 and 13 November 2023, Grandy's announcements on 29 October 2020, 17 February 2021, 18 November 2021, 11 October 2023, Intersection related announcements 16 January 2024 and 29 October 2020, Hermitage announcement on 5 September 2024, 18 March 2024, Winter RC drill results reported on 23 April 2024 and 28 May 2024 and the Resource Corridor announcement on 5 June 2024 and 11 September 2024. Targeting workshop news release dated 4 July 2024.

AuMEGA confirms that it is not aware of any new information or data that materially affects the information included in those announcements.

AuMEGA Value Proposition



Fully funded and strategically placed for major discoveries in one of the remaining top-tier jurisdictions



DISTRICT SCALE LAND PACKAGE

On a proven multi-million-ounce gold structure



“BLUE-CHIP” SHAREHOLDER REGISTER

Led by B2Gold as a strategic investor



WORLD-CLASS EXPLORATION

To maximise return on investment, create long-term value



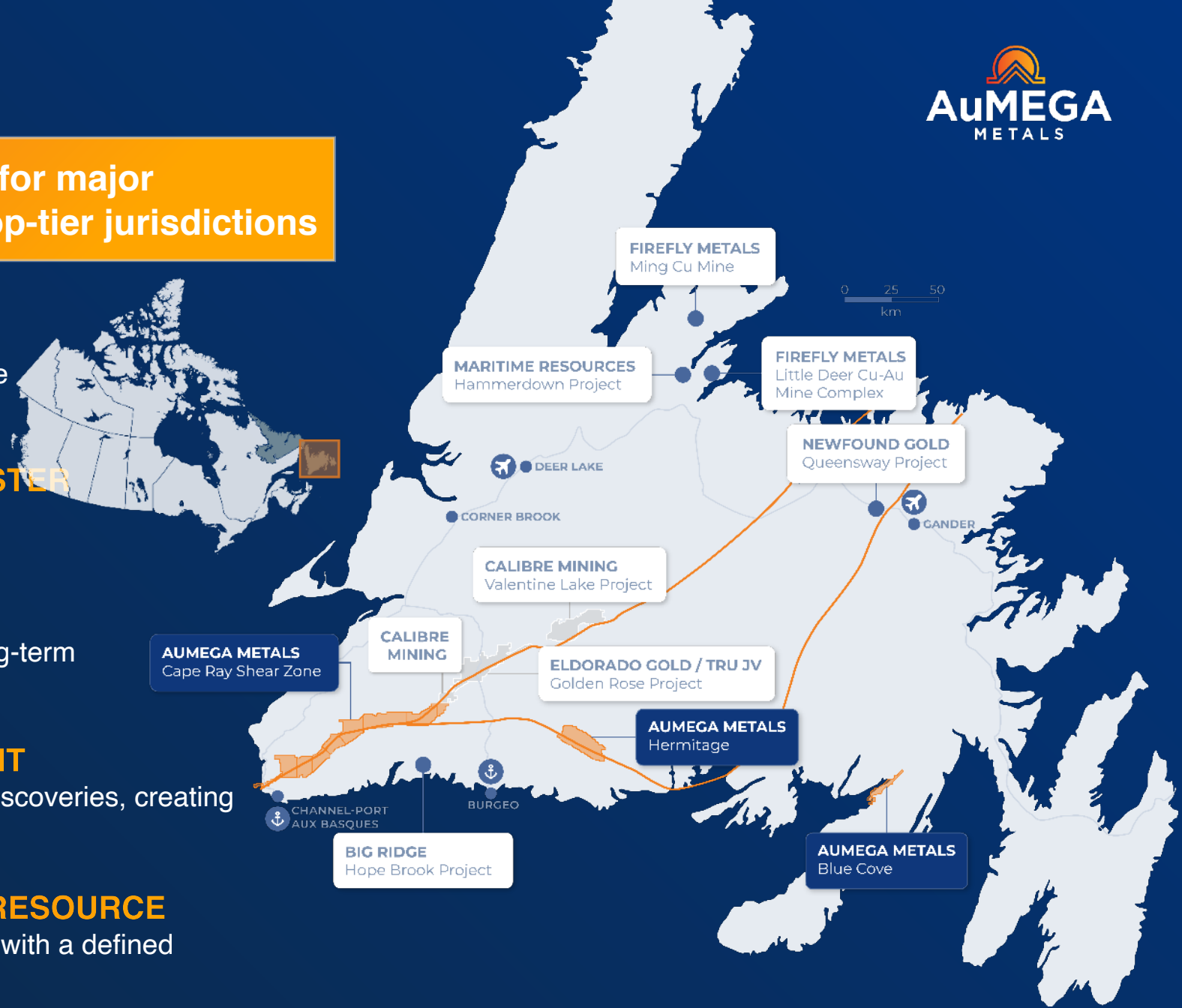
TOP-NOTCH BOARD & MANAGEMENT

With a proven track record of making major discoveries, creating value



HIGH-GRADE, SHALLOW MINERAL RESOURCE

One of only a few explorers in Newfoundland with a defined mineral resource



TRADING SYMBOLS

AAM
ASX

AUM
TSXV

AUMMF
OTCQB

MARKET METRICS

A\$23.7M

Market Capitalisation⁽¹⁾

A\$6.8M

Cash Balance ⁽²⁾

A\$16.9M

Enterprise Value⁽¹⁾

0.52M

Daily Avg Volumes⁽¹⁾

526M

Shares Outstanding⁽¹⁾

58M

Employee Options⁽²⁾



1. As at 29 Aug 2024
2. As at 30 June 2024

District Scale Land Package

Approximately 180 kms of strike between two mineral deposits on vastly underexplored terrane



DISTRICT SCALE LAND PACKAGE

On a proven multi-million-ounce gold structure



SIGNIFICANT POTENTIAL FOR MAJOR DISCOVERIES

Multiple opportunities to unlock value



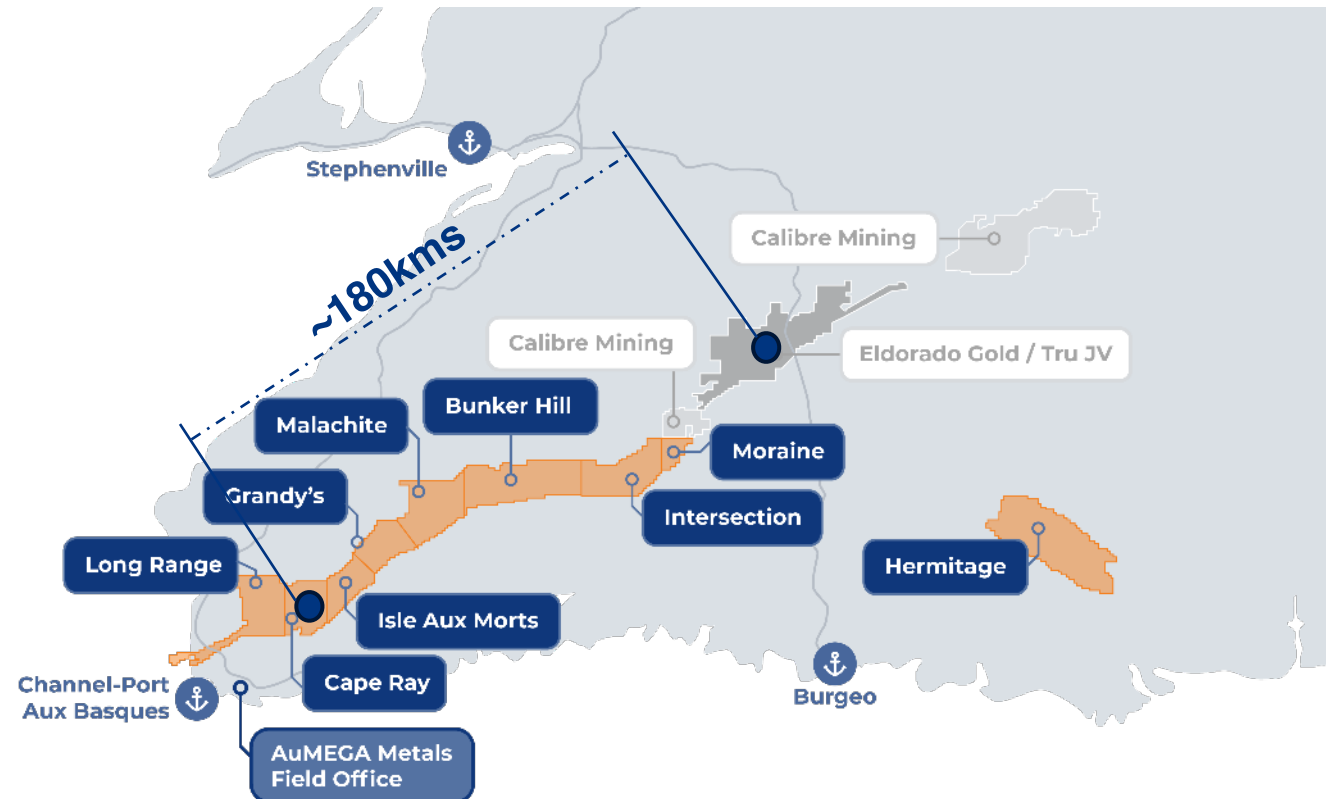
LIMITED EXPLORATION TO-DATE

Lack of exploration presents unique opportunities

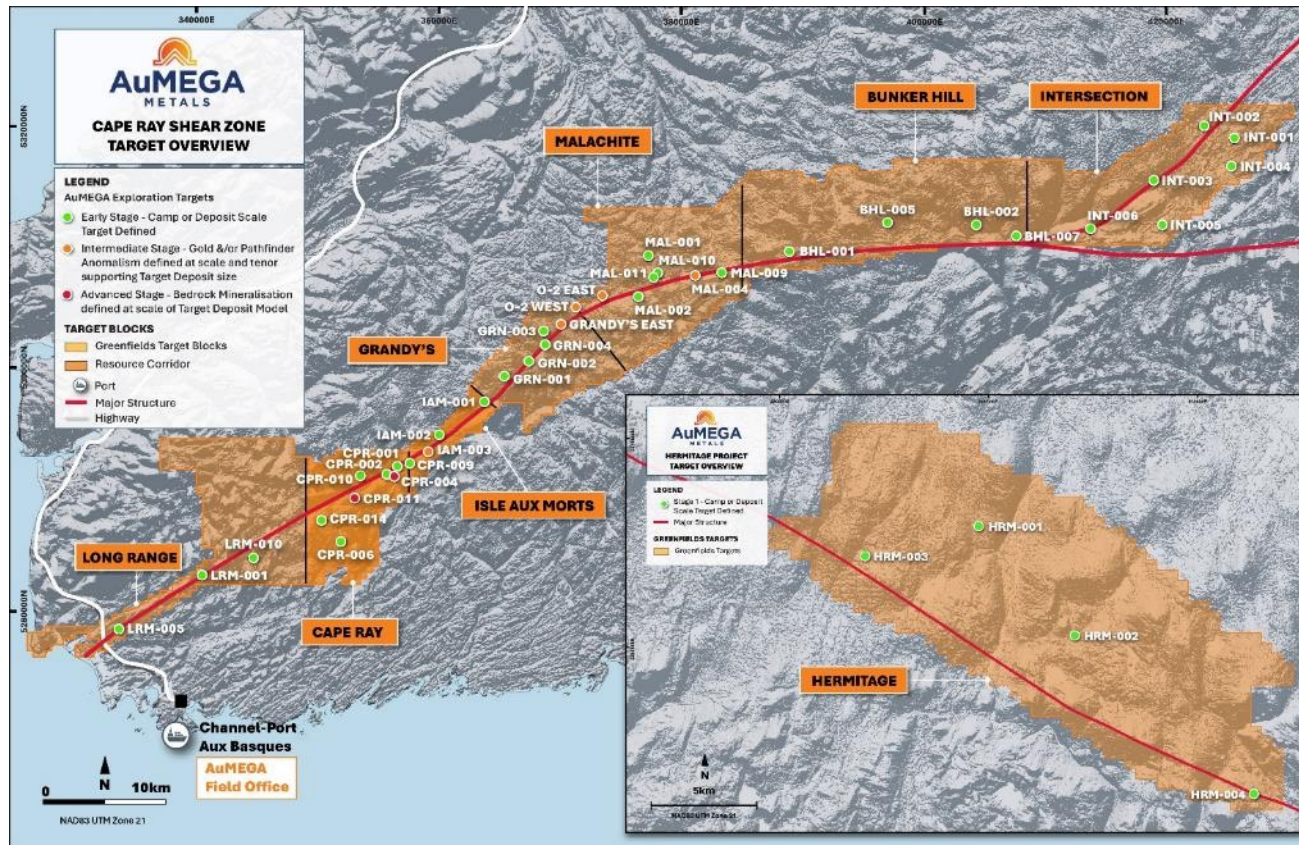


THE RIGHT GEOLOGIC SETTING, PATHFINDERS

The right rocks on the right structures to host large deposits



Identified 37 targets including nine new targets that will be ranked, prioritized and work programs developed to advance through opportunity pipeline




ADVANCED STAGE		CRP-004	CRP-011	AuMEGA METALS		
INTERMEDIATE STAGE	IAM-003	0-2 EAST	0-2 WEST	GRANDY'S EAST	MAL-004	
EARLY STAGE	INT-001	INT-002	INT-003	INT-004	INT-005	INT-006
	BHL-001	BHL-002	BHL-005	BHL-005	GRN-001	GRN-002
	GRN-003	GRN-004	MAL-001	MAL-002	MAL-005	MAL-009
	MAL-010	MAL-011	CRP-001	CRP-002	CRP-006	CRP-009
CRP-010	CRP-014	IAM-001	IAM-002	LRM-001	LRM-005	LRM-010

1. See ASX announcement dated 4 July 2024

Current Priority Projects

1 Malachite

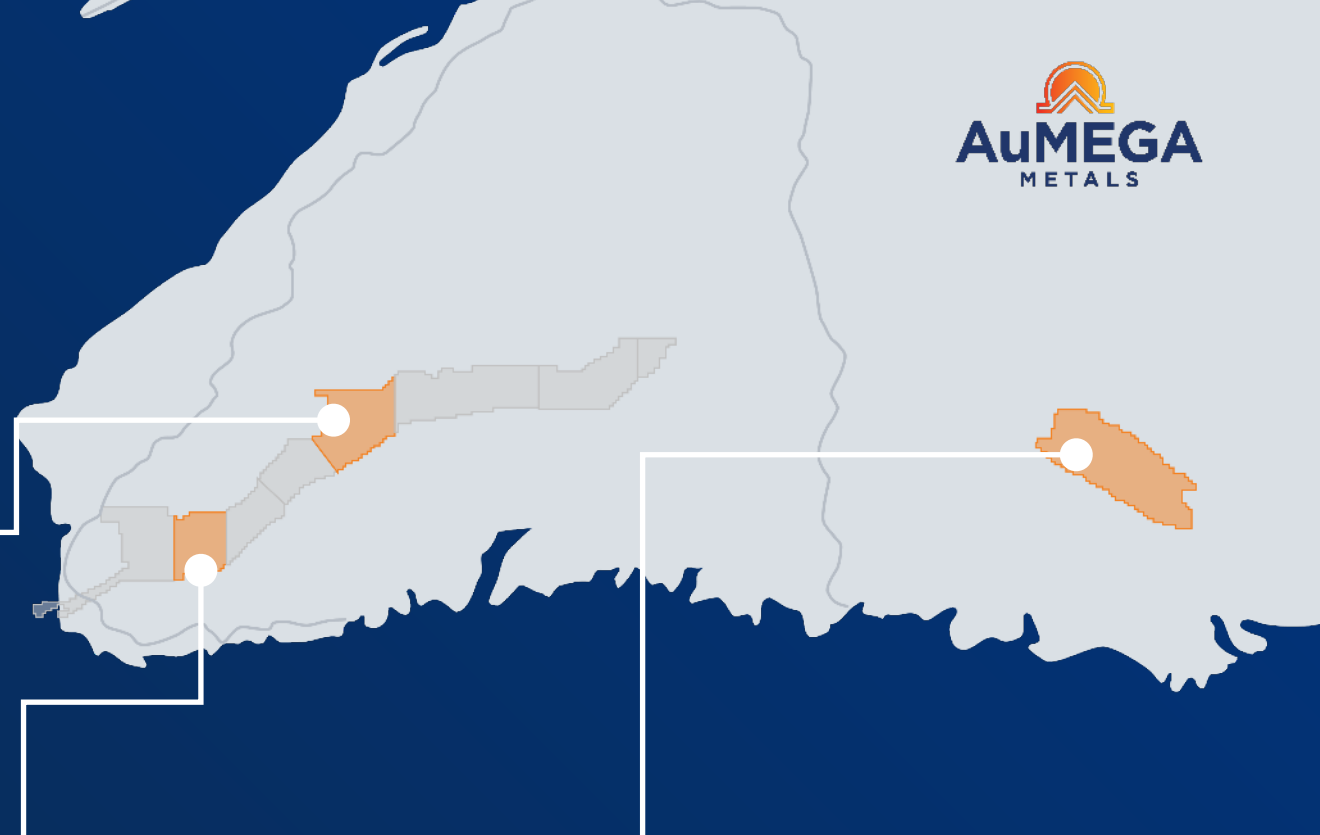
- Vast, underexplored and geologically complex
- Winter RC program delineated three large, mineralized zones
- Currently diamond drilling several key areas
- Planning for larger, drill program for 2025

2 Cape Ray

- Site of the Company's defined mineral resources
- Completed approx. 2000 m of diamond drilling in 2024
- 2024 drilling extended gold mineralisation
- Planning for diamond drill program in 2025

3 Hermitage Gold-Antimony

- Largest antimony anomaly in Newfoundland
- Vast, underexplored with several key geological features that are akin to massive global deposits
- Evaluating Antimony and Uranium potential
- Planning to drill in 2025



Comprehensive 2024 Exploration Program

Underway with significant results reported from winter RC drill program, diamond drilling in progress

COMPLETED INAUGURAL BOH RC DRILL PROGRAM

Three large mineralised zones identified

Malachite

DIAMOND DRILLING IN SPRING/SUMMER

3,000 to 5,000 metres of drilling now planned

Malachite Cape Ray

GEOPHYSICS & GEOCHEMISTRY

High-resolution airborne magnetics, Electro-magnetics
Till/soil sampling

Hermitage Intersection Bunker Hill

GEOLOGICAL MAPPING, MODELLING & PROSPECTING

Low-cost high-value target generation
Hermitage Cape Ray Blue Cove



2024 Progress and News Flow



Q1 2024

Winter Exploration Program

Inaugural RC drill program

Hermitage Gold-Antimony Structure Identified



Q2 2024

Spring & Summer Exploration Program

Phase One Diamond Drilling

Geochemical Surveys

Winter RC Results: Three large, mineralised zones identified
Acquired option to Acquire High-Grade Copper Project in NL
Rebranded as AuMEGA Metals
TSXV Listing: AUM
Completed comprehensive technical workshop



Q3 2024

Phase Two Diamond Drilling

Geophysical and Geochemical surveys

Several new exploration targets identified; 37 targets now in total
Phase one drilling extends mineralisation at Central Zone
Intersection & Bunker Hill Phase One till survey results
 TBD



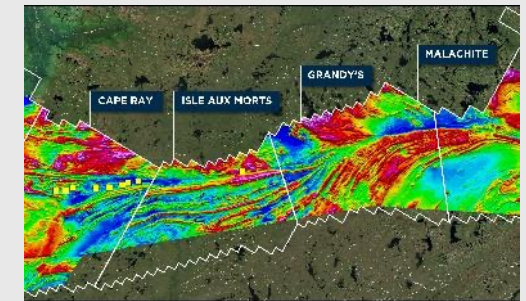
Q4 2024

Results, analysis & planning

Planning for 2025

Geophysical and Geochemical surveys

Phase two diamond drilling results
 TBD
Geophysics results
 TBD
Bunker Hill Phase Two till survey results
 TBD
2025 drill program announced
 TBD





Malachite



Multiple anomalous trends identified using gold and pathfinder results

First-ever RC BOH/BOT Sampling Program

- Tested highly prospective geological feature identified through early-stage works
- Tested major breakout structure off significant bend in Cape Ray Shear Zone

Three Large Mineralised Zones Identified

- BOH gold values well above benchmark
- Quartz-veining with sulphides

Diamond Drilling in Progress

- Several targets identified through results of the RC program



Proven Approach For Major Discoveries



Company

RUPERT RESOURCES (RUP.TO)

Project **IKKARI** Resource **4 Moz Au+**

Early discovery method
RC drilling – Basal Till

Initial results
0.2 ppm Au

Company

GOLD ROAD (GOR.AX)

Project **GRUYERE** Resource **8-10 Moz Au**

Early discovery method
RAB drilling - BOH

Initial results
0.01 – 0.1 g/t Au

Company

ANGLO ASHANTI (AU:US)

Project **SUNRISE DAM** Resource **15 Moz Au+**

Early discovery method
Aircore drilling – BOH

Initial results
BLEG survey

Company

AUMEGA METALS

Project
VARIOUS

Resource
**0.61 Moz Au and
growing?**

Early discovery method
**RC drilling – BOH /
Basal Till**

Initial results to-date
**0.10 g/t to 0.63 g/t Au
across 60-kilometre
stretch**

Company

DE GREY MINING (DEG.AX)

Project **HEMI** Resource **10 Moz Au+**

Early discovery method
Aircore drilling – BOH

Initial results
2 g/t Au

Company

ANGLO ASHANTI (AU:US)

Project **TROPICANA** Resource **8-10 Moz Au**

Early discovery method
Aircore/RC drilling – BOH

Initial results
0.2 – 2 g/t Au

Company

GOLD FIELDS (GFI.JO)

Project **INVINCIBLE** Resource **> 5 Moz Au**

Early discovery method
Aircore / RC drilling – BOH

Initial results
0.1 g/t Au

Malachite Diamond Drilling in Progress

Completed highly successful winter RC drill program that identified several diamond drill targets⁽¹⁾

Reconnaissance diamond drill program

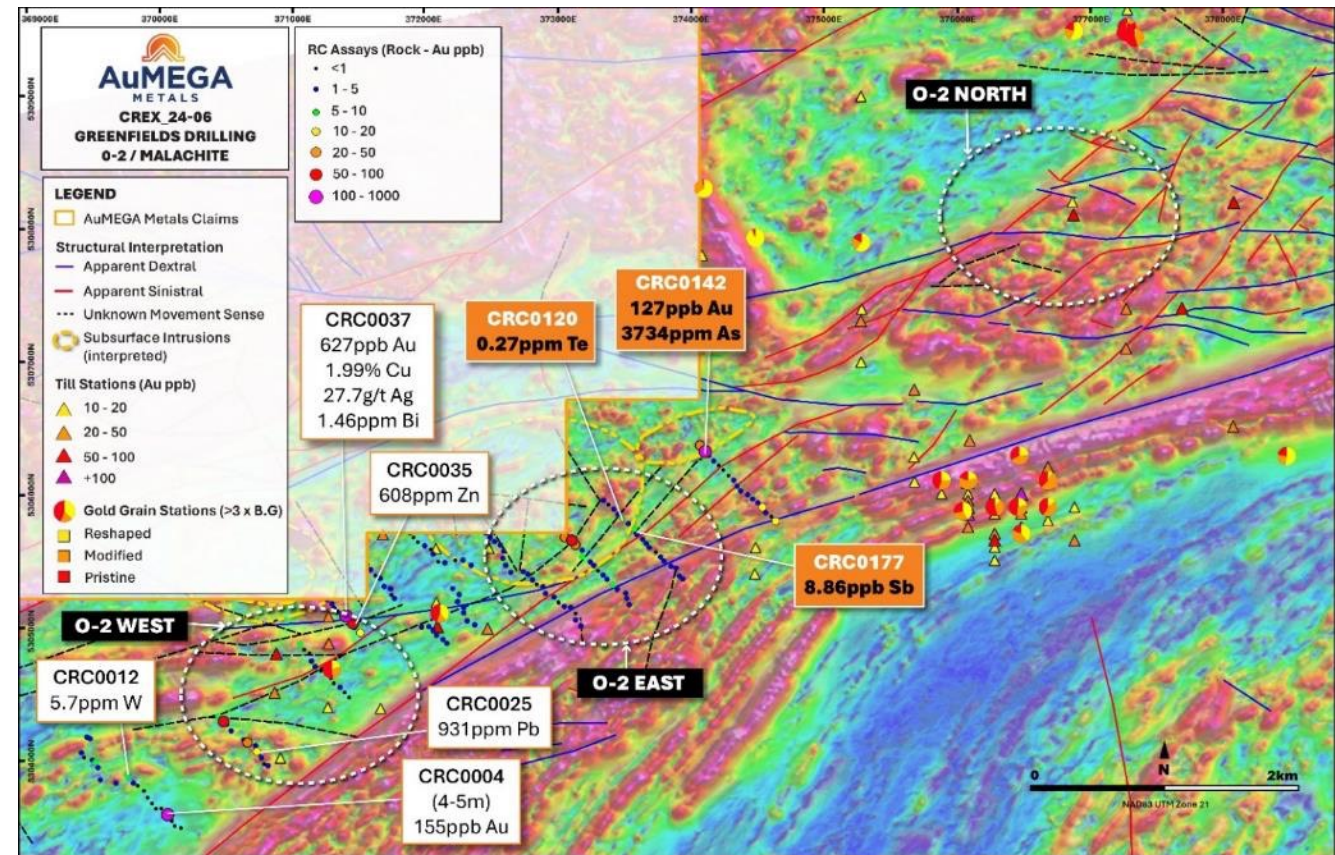
- Approximately 1,000 to 1,500 metres planned
- Initial program ahead of larger program

O-2 East Target

- CRC0037 delivered 627 ppb Au and 1.99% Cu only 6m down
- BOH was into structure splaying off O-2 target

O-2 West Target

- CRC37: Significant gold (127 ppb) and pathfinder (3734ppm As) up further along the O-2 target
- Mineralised zone spanning 1.2 kilometres



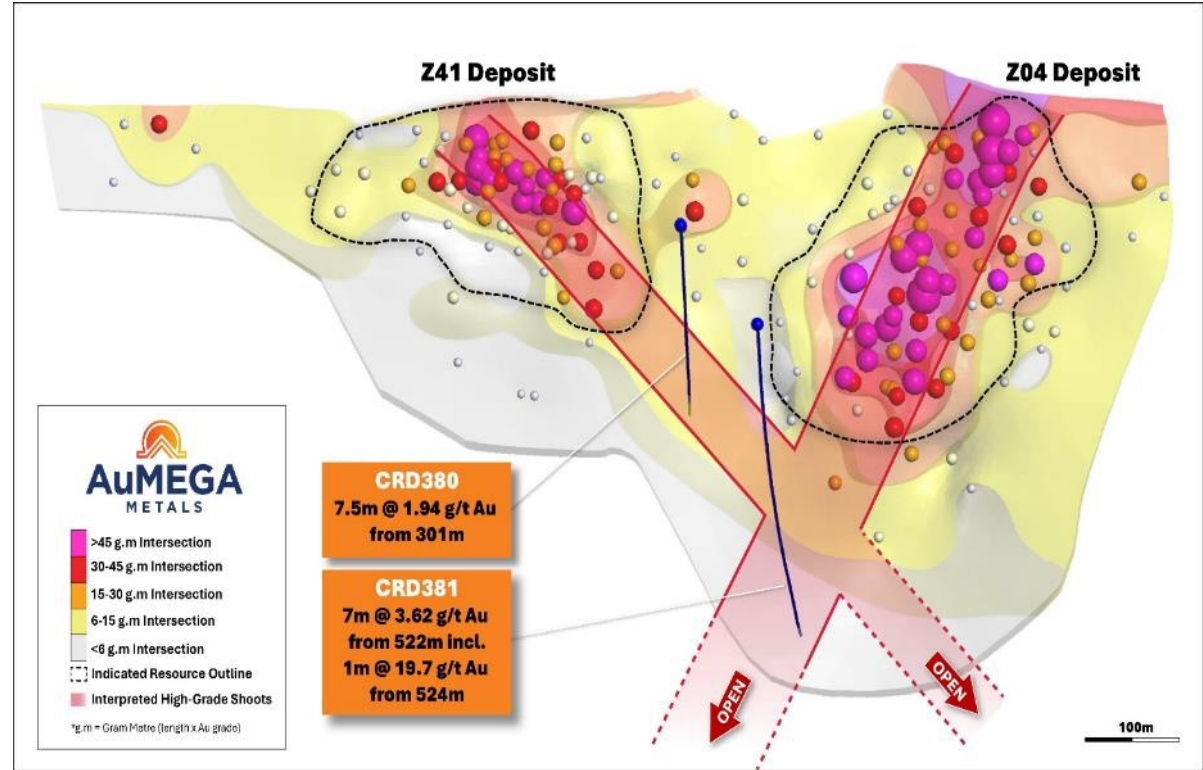
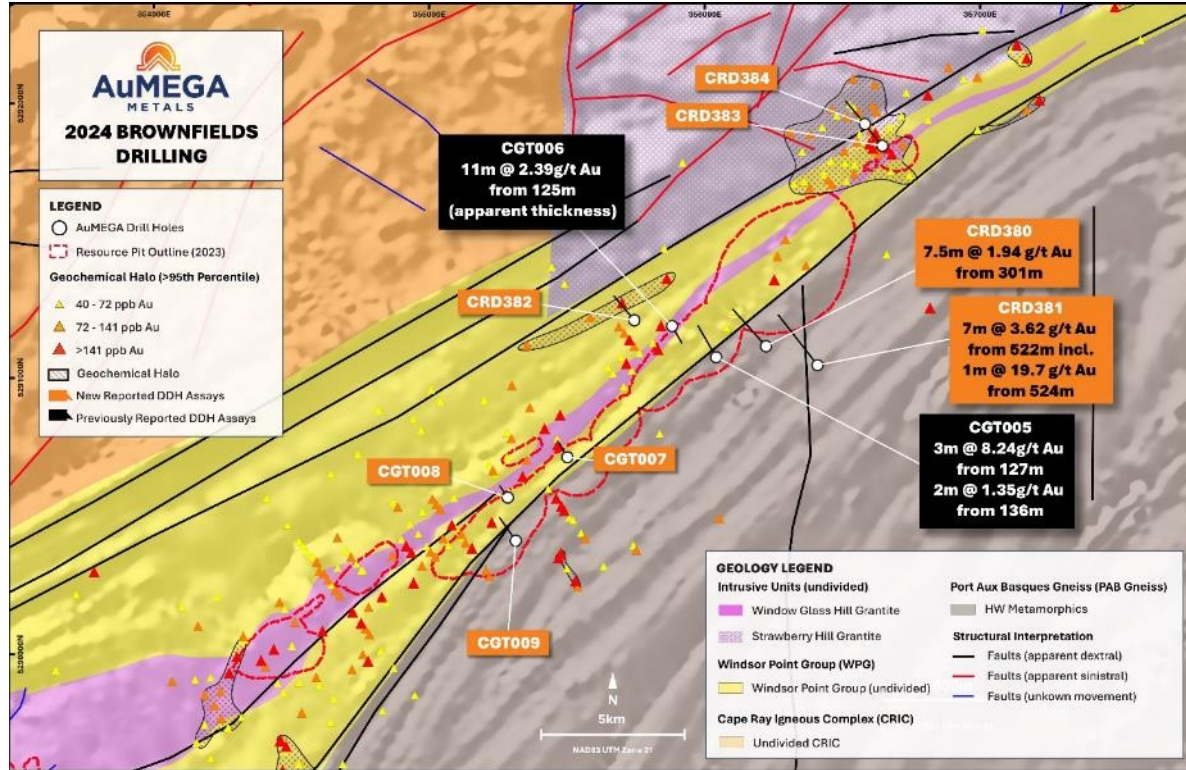
1. See ASX announcements dated 23 April 2024 & 28 May 2024



Resource Corridor



Phase-One Diamond Drilling



2024 Drilling Extends Mineralisation

Remains open down plunge, down depth

Intersected Intriguing Geological Units

Including extensions to Window Glass Hill Unit and identifying prospectivity of Strawberry Hill Granite

Planning for 2025

Additional targets identified and will form part of next year's comprehensive program

1. See ASX announcement dated 5 June 2024



Hermitage



Largest arsenic & antimony anomaly in Newfoundland – with confirmed association with gold

Significant Gold Belt

- Structural hosts other major gold discoveries including NewFound Gold's Queensway Project

Geologically Akin to Major Global Gold Deposits

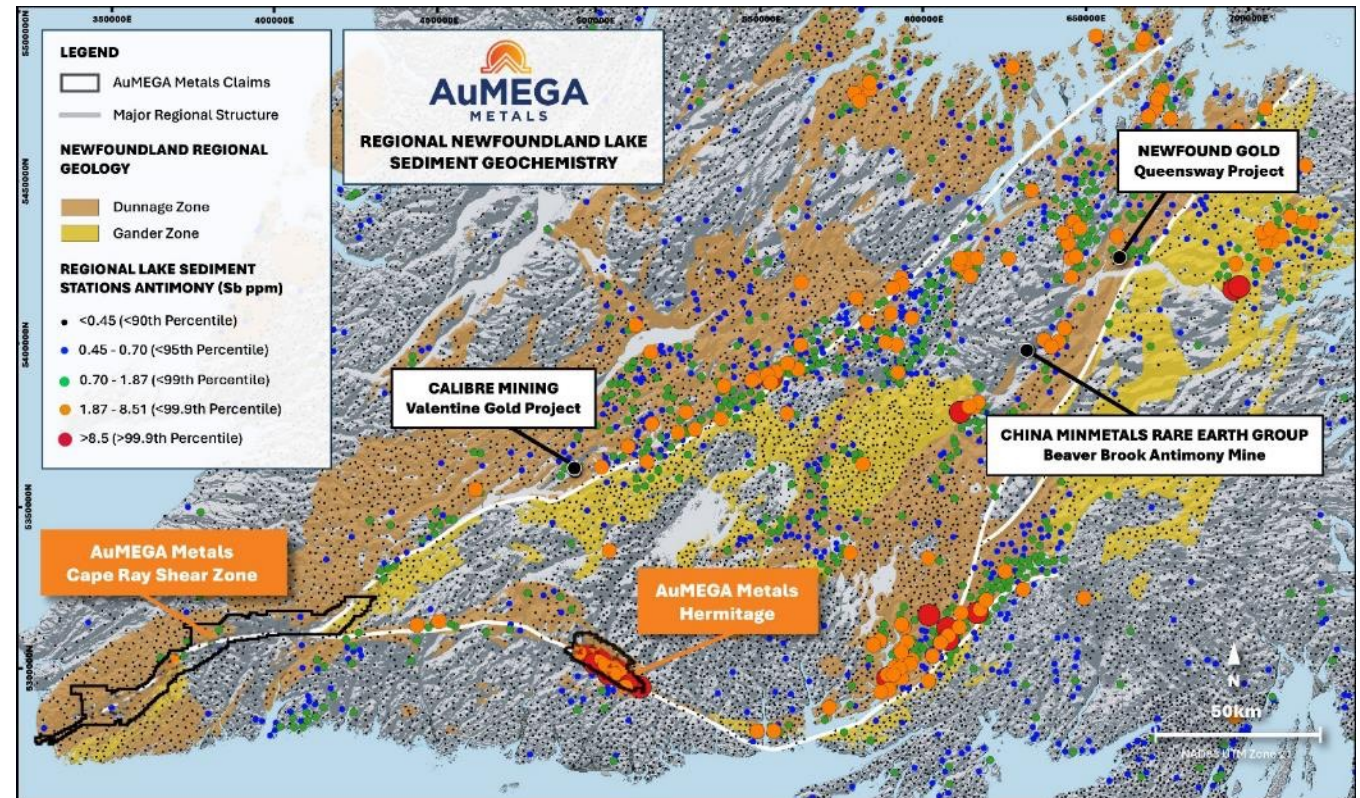
- Similar age of mineralisation, geology and pathfinder elements to Bendigo, Fosterville

Large Land Position

- Over 270 square kilometres on vastly underexplored, remote area

Unique Geologic Setting

- Orientation completely different to all other major geological structures in Newfoundland



Limited exploration to-date has yielded significant results that support Hermitage's big potential

Multi-gram Gold Discovered Through Prospecting

- 7.31 g/t, 2.15 g/t, 2.10 g/t (all outcrops) with significant pathfinders⁽¹⁾

Pathfinders Akin to Bendigo/Fosterville

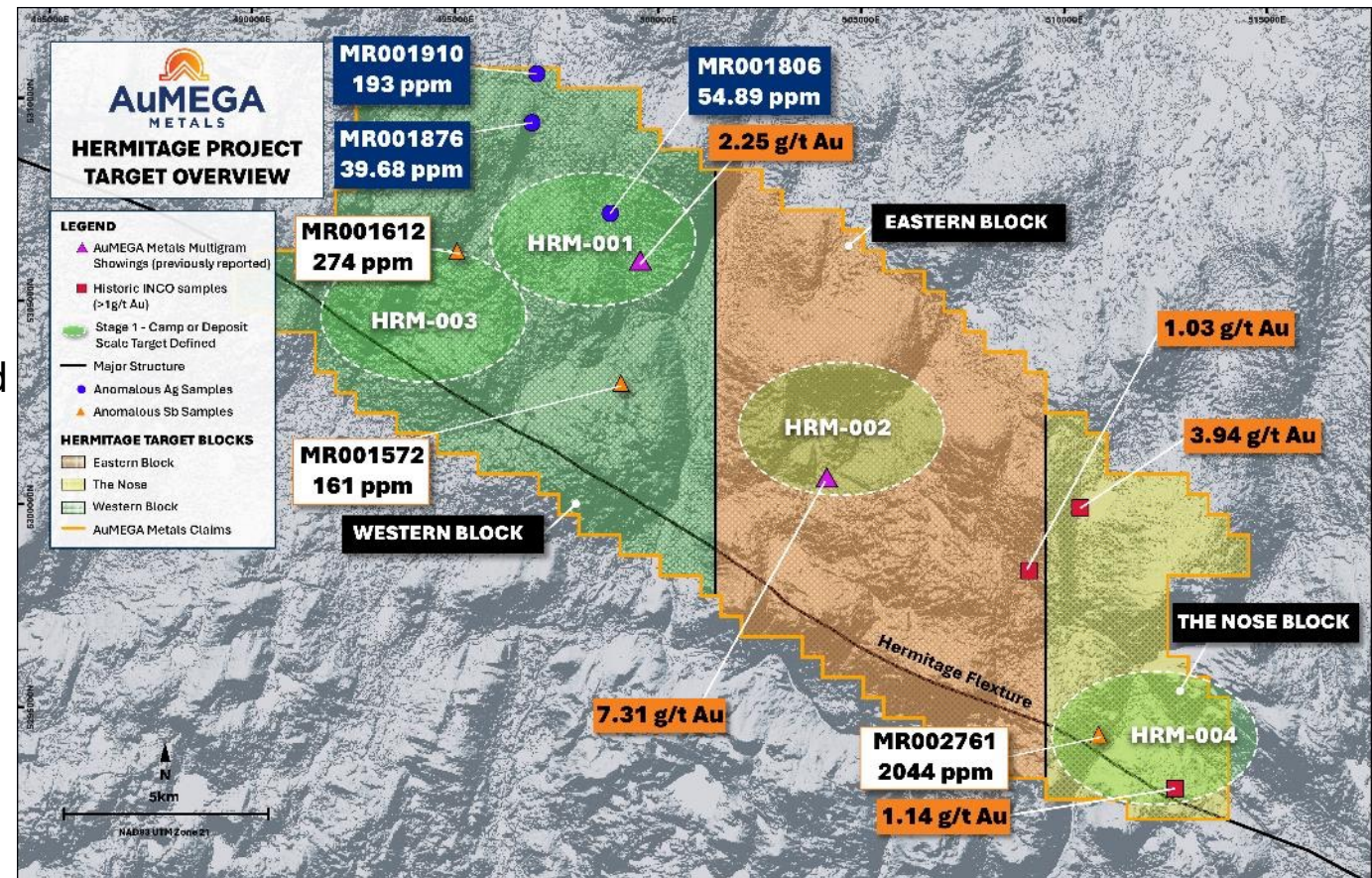
- Results indicate arsenic-gold and antimony-gold associations

Significant Hydrothermal Activity

- Discovered series of large outcropping quartz veins and vein arrays in multiple locations ⁽¹⁾

High-Value Geophysics

- Higher resolution airborne magnetics planned to better define geological structures and features



1. See ASX announcements dated 5 September 2024, 12 November 2023, 13 September 2023, 17 May 2023

Other Projects



Early-stage, high-value exploration planned on vastly underexplored yet highly prospective projects

Significant Historical Samples at Bunker Hill⁽¹⁾

- Gold: 18.7 g/t, 17.1 g/t
- Silver: 407.5 g/t, 35.3 g/t
- Copper: up to 57%

High-Resolution Airborne Magnetic Survey

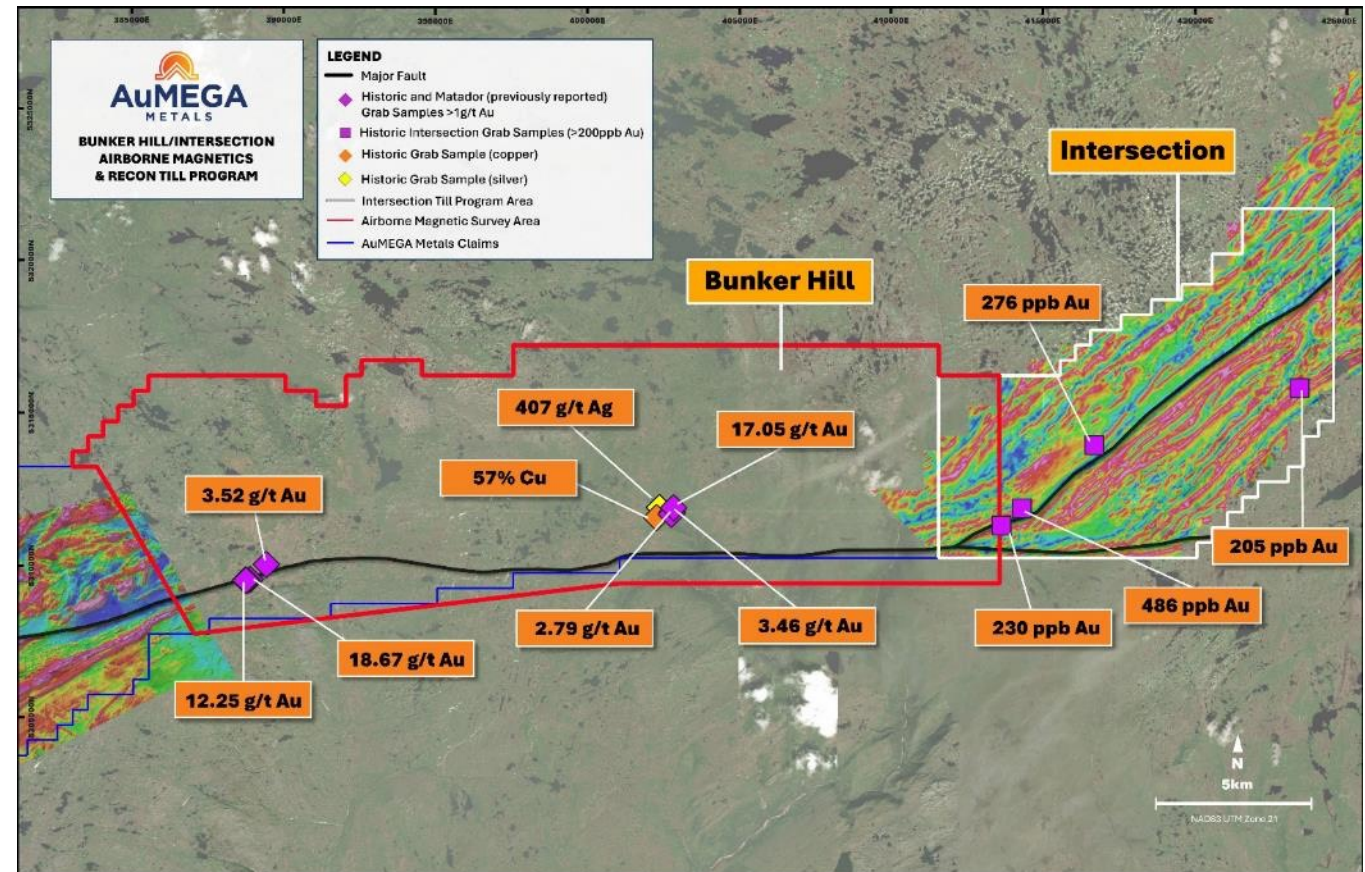
- Covering Bunker Hill Project, which currently has no magnetics

Intersection is Site of Two Major Structures

- Convergence of Cape Ray Shear and Hermitage Flexure

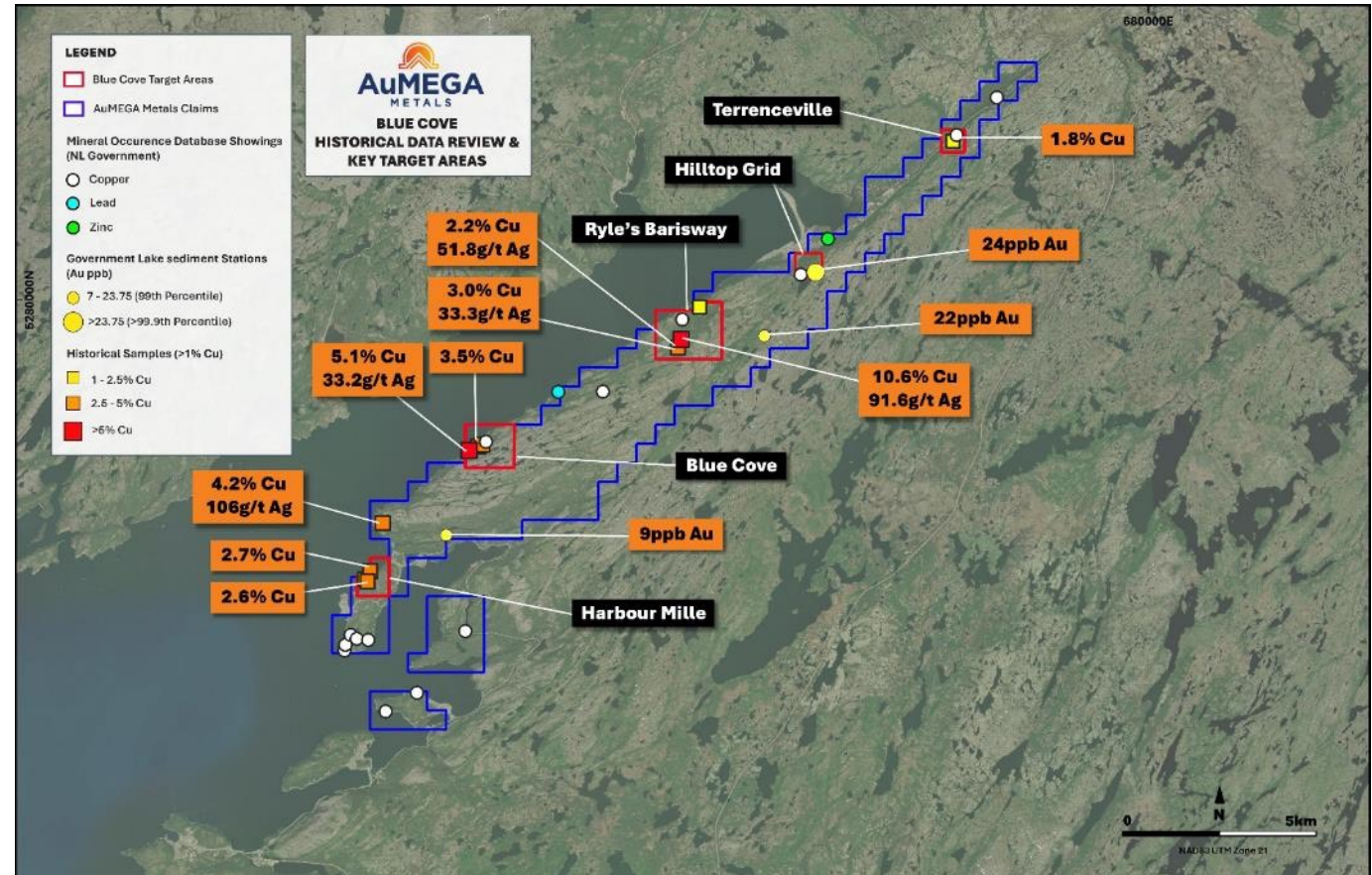
Prospecting and Geochemical Works Planned

- At both Intersection and Bunker Hill to support historic anomalous results



1. Bunker Hill: See ASX announcements dated 6 April 2023, 22 March 2023 and 14 April 2021
 2. Intersection: See ASX announcements 16 January 2024 and 29 October 2020

Low-cost exposure to early-stage copper ± lead, zinc and silver exploration project



1. See ASX announcement dated 1 May 2024

Highly Experienced Board & Management

Seasoned Mining & Exploration Experience With Proven Track Record Of Success



Sam Pazuki

Managing Director & CEO

20+ years' energy & mining experience

Ex-OceanaGold, EY, Enbridge

Corporate development, investor relations, engineering, management consulting



Justin Osborne

Non-Executive Chair

30+ years' mining experience

Ex-Gold Fields, Gold Road

Non-executive director of IGO, Hamelin Gold, Astral Resources



Rick Greenwood

VP Exploration

20+ years' exploration experience

Ex-Kinross, Great Bear, Goldcorp, Rainy River

Structural geologist with extensive gold grassroots to resource definition experience in North America



Nikki Adshead-bell

Non-Executive Director

27+ years corporate, buy-side & sell-side experience in the mining industry

Non-executive director of Altius Minerals, Dundee Precious Metals and Hot Chili



Carol Marinkovich

Executive Director & Company Secretary

25+ years' mining experience

Extensive experience in Corporate Governance Practices as a Company Secretary within Australia and Internationally



Kerry Sparkes

Non-Executive Director

30+ years' mining experience

Founder and director of Orla Mining

Ex-Franco Nevada, Rainy River Resources,

Voisey's Bay Nickel Co., etc.

Non-executive director of Aurion Resources and Prime Mining

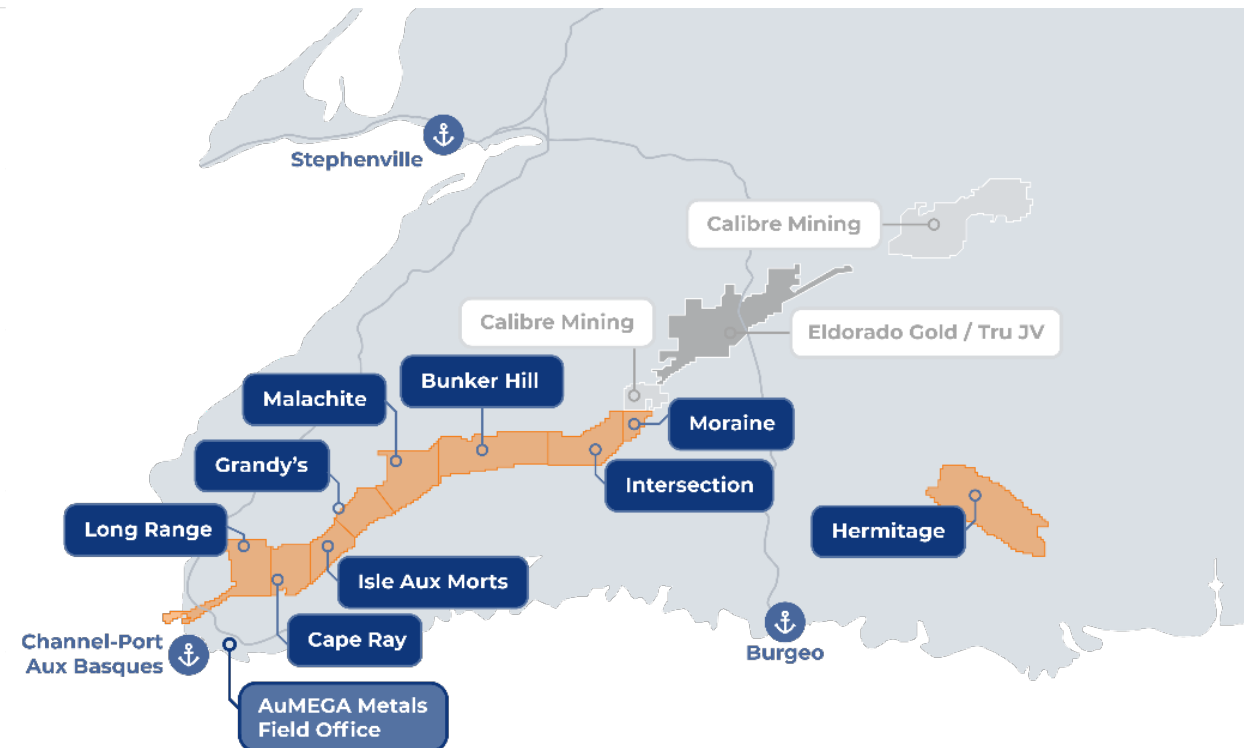


The AuMEGA Differentiator



Well positioned to make the next MEGA gold discovery in Newfoundland

Exploration Program	Systematic approach to exploration
Land package	District-scale along major structures
Board & Management	Highly commercial and technical
Shareholder register	Global, institutional
Strategic Owner	B2Gold – 10% owner



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