



CSE: ATMY

FSE: K8JO

OTCQB: ATMYF

January 7th, 2025

# ANTIMONY RESOURCES CORP.

NORTH AMERICAN ANTIMONY EXPLORATION



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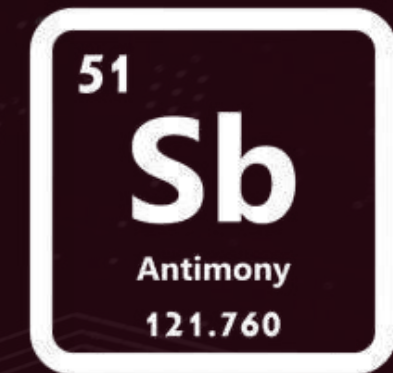
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# ANTIMONY



## Industrial Applications:

- *Military Usage*: Used in ammunition, night vision goggles, communication equipment.
- *Flame Retardants*: Used in plastics, textiles, and electronics to enhance fire resistance by slowing or preventing combustion.
- *Batteries*: Essential for lead-acid batteries, commonly used in vehicles and backup power systems.
- *Semiconductors*: Utilized in microelectronics for diodes and infrared detectors.

## Geopolitical & Supply Chain Importance:

- Over 70% of global antimony production comes from China, leading to concerns about supply chain security.
- Recognized as a critical mineral by the U.S., EU, and other major economies due to its industrial importance and limited global sources.
- Growing geopolitical tensions emphasize the need for independent sources of antimony to secure manufacturing and defense applications.



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# WHY ANTIMONY?

- China announced **antimony export restrictions** which took effect on Sept. 15, 2024\*, which are expected to have significant implications for the global antimony supply chain.
- An **extreme supply shortage** since April has led to the sharpest price rally ever recorded in the antimony.
- Antimony metal prices in Rotterdam **increased** at their fastest rate in more than 40 years in the week to May 1st.

\*Source: Reuters, Aug. 28, 2024

## Antimony Prices Reach Record High on Supply Fears

Mine production is dominated by China and Russia



Source: Fastmarkets Ltd.

Bloomberg



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# ESSENTIAL IN MILITARY & DEFENSE

- Antimony is an **essential material in the military and defense** sectors due to its unique properties and versatile applications.
- It is used in the **production of flame-retardant fabrics**, which are crucial for the safety of military personnel. Additionally, antimony is a key component in communication equipment, night vision goggles, ammunition, and laser sighting devices.
- Its ability to **enhance the durability and performance** of these critical tools makes it indispensable for modern defense strategies.
- The **demand for antimony in military applications is expected to rise** as global geopolitical tensions and the need for advanced defense technologies continue to grow.



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# DRIVING ENERGY STORAGE & GRID STABILITY

- Antimony plays a crucial role in the power grid and power delivery systems, particularly in the **development of advanced energy storage solutions**.
- Its unique properties, such as heat resistance make it an **essential component** in modern battery technologies.
- Antimony is used in molten salt batteries, which offer **reliable, low-cost, and long-lasting energy** storage solutions.
- As the demand for renewable energy and efficient energy storage continues to grow, antimony's importance in the power grid and power delivery systems is expected to **increase significantly**.



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# SEMICONDUCTOR MANUFACTURING

Antimony is a **critical element** in the production of electrical components, playing a vital role in enhancing the performance and efficiency of semiconductor devices.

This makes it invaluable for applications such as infrared detectors, thermal imaging cameras, and optoelectronic devices. As the **demand for advanced semiconductor** technologies continues to grow, antimony's importance in the production of electrical components is expected to increase significantly.



# WHERE IS ANTIMONY?

- Projects located in New Brunswick, Canada – Past home of **North Americas only Primary Antimony Producer.**
- One of the **best jurisdictions in Canada** for exploration and development.
- The Department of Mines in NB has completed regional surveys including Airborne Geophysics, LiDAR, Till sampling and has **completed detailed geological mapping** across the province.
- We have access to a **very extensive database** of past work even though the mineralization has only been explored since about 2008.



**NEW BRUNSWICK, CANADA**



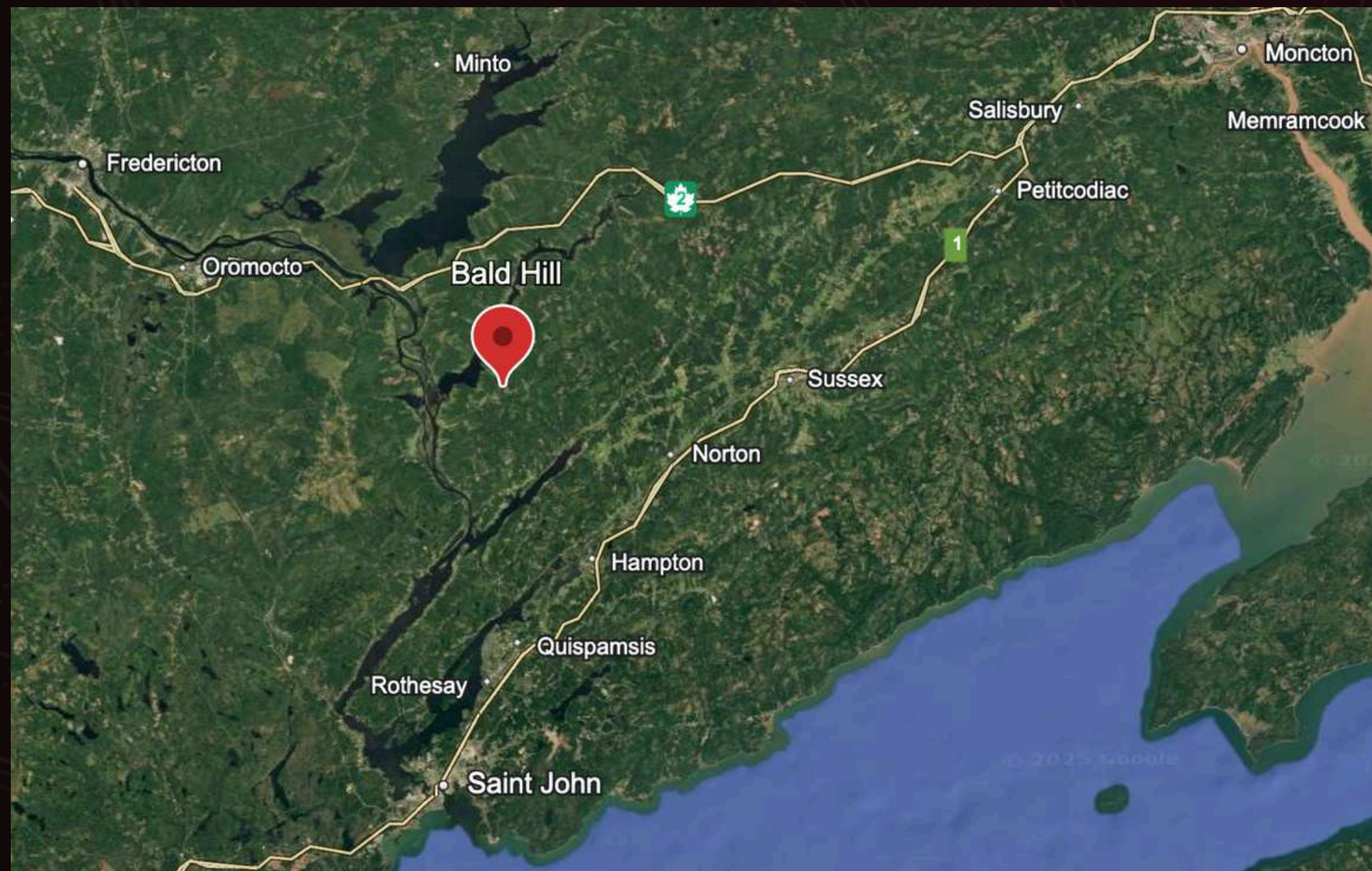
# THE PROJECT

## BALD HILL

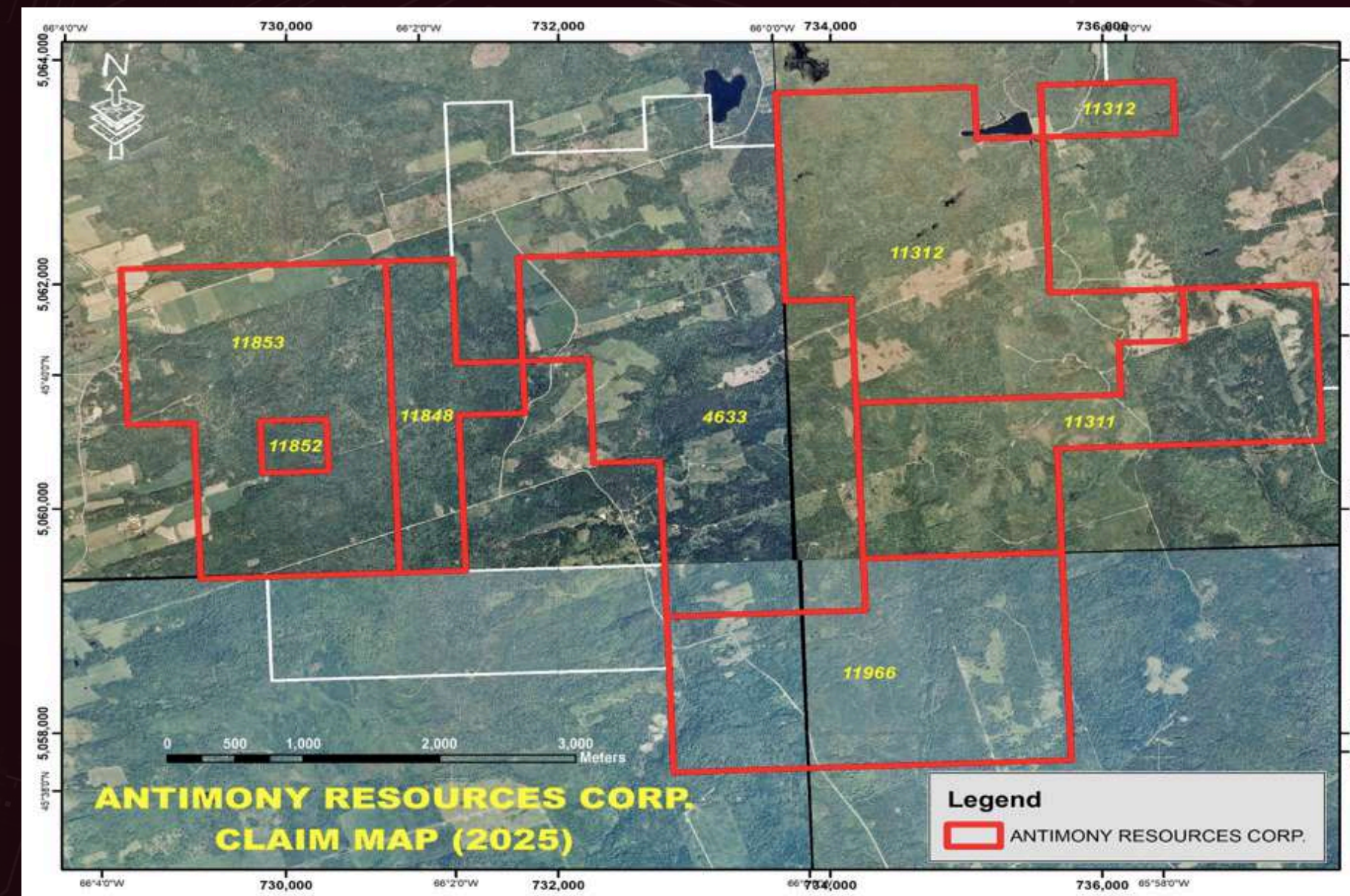
- Located approximately **equal distance** from Fredericton, Sussex and St John, NB. Received New Brunswick NBJMAP Grant, NB is one of the best jurisdictions in Canada for exploration and development of mining projects.
- Approximately **2,700 hectares** in 120 claims. Project located in Southern New Brunswick, Canada – Past home of North Americas only Primary Antimony Producer – Lake George.
- Access by **provincial and regional highways** and logging and farming roads.
- Deep sea port of St. John **75 kilometers away** by road from project.
- Traditional land of the Wolastoquiyik and Mi'maq



# LOCATION



# CLAIMS



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# PROJECT DETAILS

## BALD HILL

- Bald Hill is a known **high grade antimony deposit** in southern New Brunswick.
- Past work including drilling has outlined an antimony deposit **over 700 meters long** and open in all directions including at depth.
- **NI-43-101 Technical Report:**
  - The potential for 2.7 million tonnes at a grade of between 3.0% and 4.0% antimony (“Sb”) which could yield between 81,000 and 108,000 tonnes of contained antimony.
  - Metallurgical test work **outlined 96% recovery.**
- NATIONAL INSTRUMENT 43-101 TECHNICAL REPORT: BALD HILL ANTIMONY PROJECT SOUTHERN NEW BRUNSWICK, CANADA NTS 21G/09 Prepared for Antimony Resources October 28, 2025. Prepared By John Langton, M.Sc., P. GEO., - JPL GeoServices, Fredericton, New Brunswick, Canada.
- Antimony Resources Corp. has not completed enough work to confirm this estimate. The potential quantity and grade are conceptual in nature as there has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource.



# HIGHEST GRADE ANTIMONY DRILL HOLES IN NORTH AMERICA – PHASE 1 PROGRAM

Drill Hole BH-25-11 returned two zones - 2.23% Sb over 1.8 meters (“m”) at a depth of 132.2 to 134.0 meters and **4.95% Sb over 5.27 m** at a depth of 140.35 to 145.3 m.

Drill Hole BH-25-04 returned **4.17% Sb over 7.40 meters** at a depth of 106.6 to 114.0 meters including three zones of massive Stibnite **which returned 28.8% Sb, 21.9 % Sb, and 17.9% Sb** respectively

Drill Hole BH-25-03 returned **2.76% Antimony (Sb) over 2.8 meters** from 78.2 m to 81.0 meters (m) depth including 19.0% Sb from 78.2 m to 78.6 m depth.

Drill Hole BH-25-08 returned **14.91 % Sb over 3.0 meters at a depth of 88.8 to 91.8 m** including massive antimony stibnite which returned 28.76% Sb over 1.7 meters.

Drill Hole BH-25-09 returned **9.85% Sb over 4.3 meters** from 103.6 to 107.9 meters depth including **18.19% Sb from 104.6m to 106.4m depth.**

Drill Hole BH-25-05 returned 1.1% Antimony (Sb) over 14.5 meters at a depth of 108.8 to 123.3 meters (m).

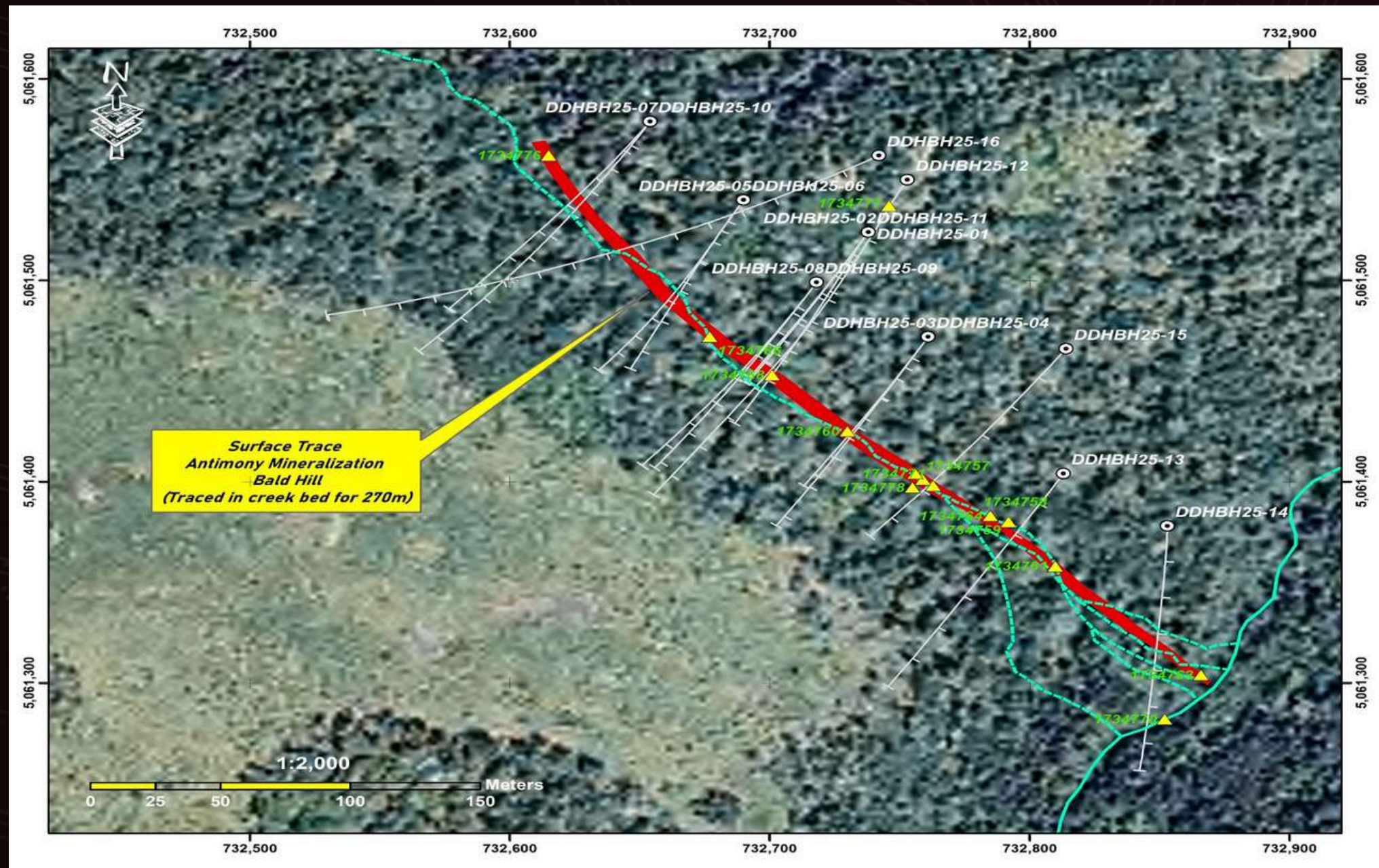
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# BALD HILL MAIN ZONE SURFACE TRACE



**Deposit:** Three antimony bearing breccias and hydrothermal vein zones

**Mineralization:** Defined over 700 meters strike length to a depth of 300 meters with intersections another 800 m south



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# NEW DISCOVERY

- Trenching in 2014 discovered new area of antimony mineralization - **9.04 % Sb over 2.6m including 12.32 % over 1.7m** from channel sampling.
- High-grade boulders (up to 48% Sb in till profile)
- Located ~ 1.0 km along trend to the **southeast of the Bald Hill deposit**
- Drilling confirmed the **presence of antimony** mineralization in veins and breccia.

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# DRILL CORE

Massive antimony bearing mineralization in drill core intersected in approximately 80% of drill holes including BH-25-03 and 04 as shown in the photos below





# DRILL HOLE BH-25-05 HAD MASSIVE ANTIMONY BEARING STIBNITE IDENTIFIED OVER 20 METERS

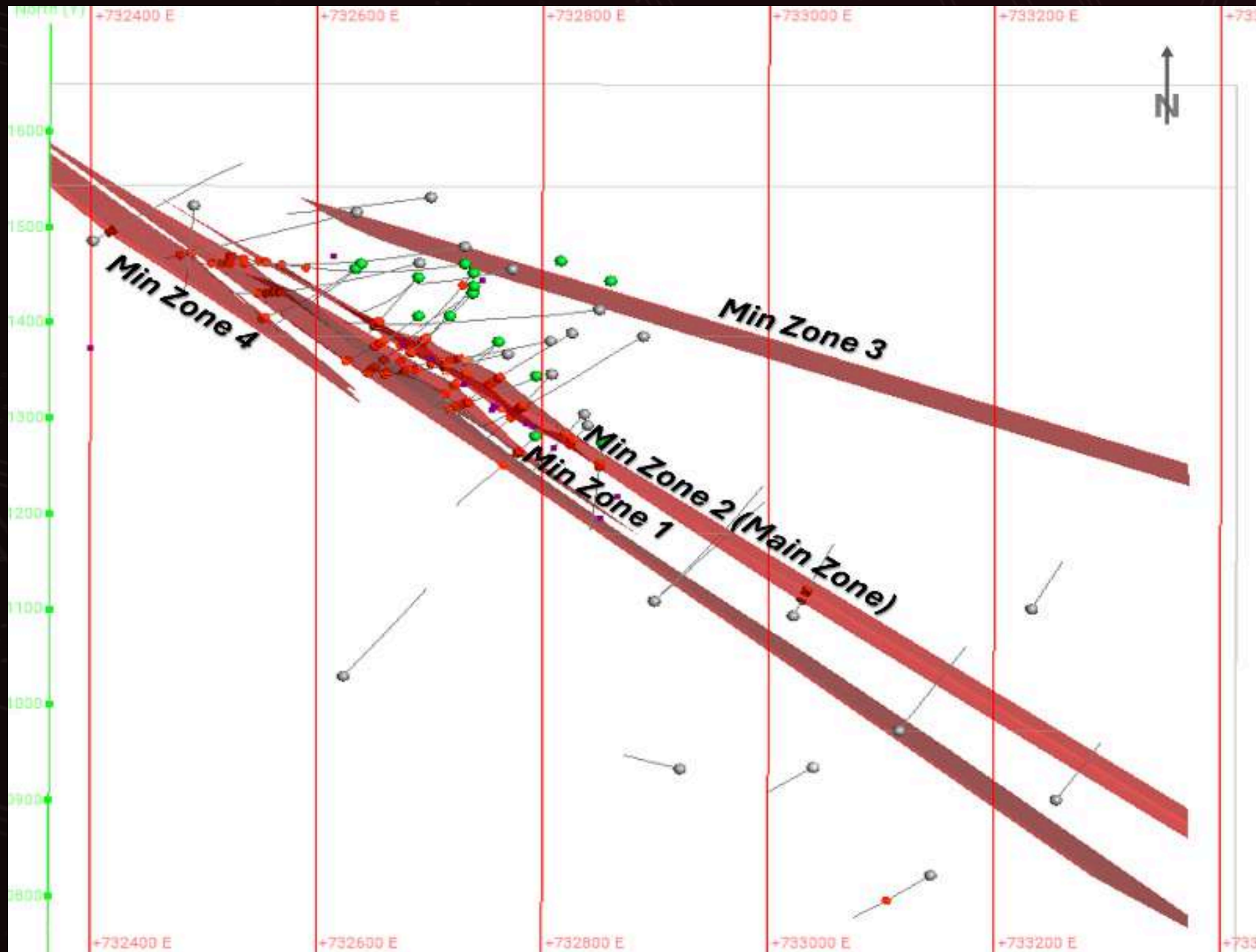


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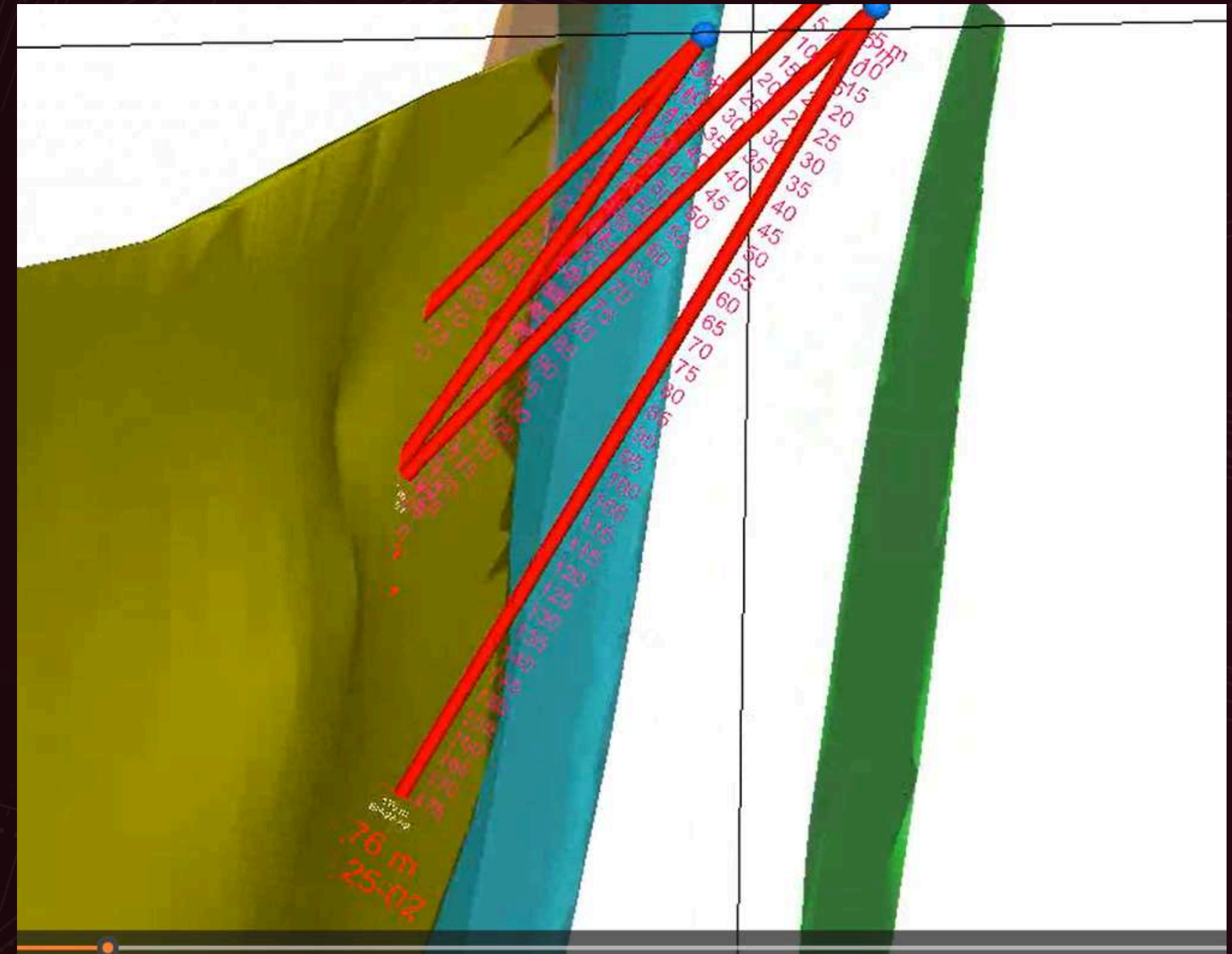
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# BALD HILL ZONE PROJECTION TO SURFACE AND 3D VIEW



Surface Projection



3D VIEW



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# Comparables

COMPANY	TICKER / EXCHANGE	ROLE IN ANTIMONY MARKET	MARKET CAP
Antimony Resources Corp.	ATMY (CSE)	Bald Hill, Antimony project in New Brunswick, Canada. Highest grade drill results in North America	~CAD 55 Million
Perpetua Resources Corp.	PPTA (NASDAQ / TSX)	Developing the Stibnite Gold + antimony project (antimony is expected to be a meaningful by-product).	~USD 3.4 Billion
U.S. Antimony Corp.	UAMY (NYSE)	Producer / smelter in USA & Mexico; one of the few vertically-integrated antimony operators.	~US 1.1 Billion
Larvotto Resources Ltd.	LRV (ASX)	Junior company with an advanced antimony-gold project (Hillgrove, Australia).	~AUD 640 Million
Trigg Minerals Ltd.	TMG (ASX)	Junior company with no resource and high grade grab samples.	~AUD 135 Million



# CAP TABLE

<b>Ticker</b>	CSE: ATMY FSE: K8JO OTCQB: ATMYF
<b>Share Price</b>	\$0.55
<b>Common Shares</b>	95,674,381
<b>Warrants</b>	34,972,233
<b>RSU/Options</b>	27,643,000
<b>Fully Diluted</b>	158,289,614

As of January 7<sup>th</sup>, 2025

**Strong Institutional &  
Insider Ownership**  
**~40%**

**Dynamic Funds®**  
*Invest with advice.*

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— CAPITAL —



# WHY ANTIMONY RESOURCES?

## Experienced Management

- James Atkinson was the Chief Geologist at the St George Antimony Mine in New Brunswick which supplied up to 4% of the world's antimony demand.
- Track record of raising millions in financing for past companies.
- Over 100 years of experience in exploration, mining and finance.

## Location!

- New Brunswick one of the best placed to explore in Canada
- Close to infrastructure including ports, highways and power
  - Year round exploration Local contractors and drillers.



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# MANAGEMENT TEAM



**James R. Atkinson, MSc., P. Geo.**  
**CEO & Director**

Mr. Atkinson is an experienced exploration geologist and project manager with over 45 years of experience. He was the Head Geologist at the Lake George Antimony Mine in New Brunswick, which was the only producing Antimony mine in North America and produced as much as 4% of the world's Antimony demand. Mr. Atkinson has spent his career in both mineral exploration and mining and in the environmental field attaining positions of Vice President, Exploration Manager and Regional Manager with junior and major mining companies such as Newmont Corporation (TSX: NGT), BHP Group Ltd. (NYSE: BHP) and Agnico Eagle Mines Ltd (TSX: AEM). He has reviewed, evaluated and acquired projects around the world and recently has also been part of the team responsible for mergers and acquisitions at Americas Gold and Silver Corp. (TSX: USA) (NYSE: USAS). He has worked with investors to form and run junior exploration companies. In the area of mineral exploration, he has designed and managed multi-million-dollar programs searching for and discovering various commodities including industrial minerals. These programs comprised of up to 100 staff and involved geophysical, geochemical and drilling programs as well as prospecting and geological mapping. He has negotiated option and purchase deals for mineral properties.



# MANAGEMENT TEAM



**Sheryl Jones**  
***CFO and Director***

Ms. Jones is a seasoned accountant with over 30 years of experience specializing in financial reporting for TSXV - listed companies. She provides comprehensive accounting, management advisory, and financial disclosure services to the Company



**Rodney Stevens, CFA**  
***Director***

Mr. Stevens is a CFA charter holder with over a decade of experience in the capital markets, first as an investment analyst with Salman Partners Inc., then as a merchant and investment banker. While at Salman Partners, he became a top-rated analyst by StarMine on July 17, 2007. Mr. Stevens was also a Portfolio Manager registered with Wolverton Securities Ltd. and over the course of his career, he has been instrumental in assisting in financings and M&A activity worth over \$1 billion in transaction value.





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## **CONTACT INFORMATION**

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