

# Aero Energy Reflects on a Successful 2024 and Outlines Path Forward into 2025

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## Maiden Drill Programs Confirm High-Grade Basement-Hosted Uranium Potential

Vancouver, January 2, 2025 - [Aero Energy Ltd.](#) (TSXV: AERO) (OTC Pink: AAUGF) (FSE: UU3) ("Aero" or the "Company") is pleased to provide a comprehensive summary of its operational achievements in 2024, highlighted by its successful maiden drill programs at the Murmac and Sun Dog Projects in northern Saskatchewan, and to outline exploration plans for 2025 as the Company advances its pursuit of discovering a high-grade uranium deposit at the edge of Canada's world-class Athabasca Basin.

### 2024 Highlights

#### Completion of Aero's First Drill Programs at Murmac and Sun Dog

- Aero successfully completed its maiden drill programs with a total of 16 drill holes testing 12 targets across the two projects.
- At the Murmac Project, approximately 1,550 meters of drilling were completed across eight drill holes, primarily testing the Howland Lake North target, where a new high-grade discovery was made.
- At the Sun Dog Project, approximately 1,600 meters of drilling were completed across eight drill holes, starting with the Wishbone target area, which targeted shallow high-grade basement-hosted uranium mineralization.
- Encouragingly, 12 of the 16 holes intersected anomalous radioactivity, validating the exploration potential across both projects.

#### New High-Grade Discovery at Murmac

- A major highlight of the 2024 program was a new high-grade uranium discovery at Murmac's Howland Lake North target. Drill hole M24-017 intersected:
  - 8.4 m at 0.3% U<sub>3O<sub>8</sub></sub>, including exceptional intervals of 13.8% U<sub>3O<sub>8</sub></sub> over 0.10 m and 4.54% U<sub>3O<sub>8</sub></sub> over 0.10 m.
- This high-grade mineralization was encountered only 64 metres below surface within strongly graphitic and structurally favorable rocks, confirming the potential for shallow, basement-hosted uranium deposits similar to other world-class discoveries in the Athabasca Basin.

#### Exploration Thesis Confirmed

- Results at both Murmac and Sun Dog validate Aero's exploration thesis that underexplored graphitic corridors in this region of the Athabasca Basin northern rim represent exceptional opportunities for high-grade uranium discoveries.
- Mineralization encountered in graphitic, faulted, and brecciated rocks confirms the geological setting required for high-grade basement-hosted uranium systems.

#### Underexplored Opportunity

- Aero's exploration in 2024 has demonstrated the potential for over 70 kilometers of graphitic horizons across the Murmac and Sun Dog projects.
- These corridors remain largely untested, presenting an unparalleled opportunity for district-scale discoveries of basement-hosted uranium.

#### Work Just Beginning - Significant Untapped Potential

- The targets tested during the summer 2024 drill program represent only a small fraction of the identified targets.
- Aero is currently working with its option partners to prioritize the most promising areas for follow-up exploration in 2025, including additional geophysics and drilling.

### Looking Ahead to 2025

Building on the success of 2024, Aero Energy is well-positioned for a robust and focused exploration campaign in 2025:

- Winter 2025 Drill Program at Murmac
  - Aero will return to the Howland Lake North target to follow up on the high-grade uranium discovery in hole M24-017. The winter drill program will include approximately at least 6 drill holes to step-out from and define the extent of this shallow mineralization.
  - A detailed radon-in-water survey will precede drilling to refine targets along the graphitic conductors at Howland Lake North and South, where additional mineralization has already been intersected.
- Further Testing at Sun Dog
  - Aero will advance Sun Dog with a focus on testing newly identified targets derived from 2024 geophysical surveys and surface geochemical sampling.
  - New exploration efforts will build upon the success of the 2024 program at the Wishbone target area, with further drilling planned to test shallow basement-hosted mineralization.
- Unrealized Potential Across Both Projects
  - With over 70 kilometers of graphitic corridors and numerous high-priority targets remaining untouched, Aero's focus will expand beyond the 2024 discoveries to systematically explore and delineate additional high-grade uranium zones across Murmac and Sun Dog.

Galen McNamara, CEO of Aero Energy, commented:

"2024 has been a transformational year for Aero Energy as we successfully completed our first drill programs at Murmac and Sun Dog. The shallow, high-grade uranium discovery at Murmac's Howland Lake North validates our belief that these overlooked graphitic corridors are highly prospective for basement-hosted uranium deposits. With over 70 kilometers of largely untested conductors across our project areas, we are only at the beginning of unlocking the full potential of these projects. In 2025, we will focus on expanding these discoveries through step-out drilling, additional surveys, and systematic exploration to advance Aero toward delineating a high-grade uranium deposit in the Athabasca Basin."

### Stock Option Grant

The Company has approved the grant of 2,200,000 stock options to certain officers, directors, employees and consultants of the Company under the Company's stock option plan. The options vest in equal intervals over a one-year period following the grant date, are exercisable to purchase one Aero Common Share at a price of CAD \$0.07 and expire on January 2, 2030.

### About Aero Energy Limited

Aero Energy is a mineral exploration and development company advancing a district-scale 250,000-acre land package in Saskatchewan's historic Uranium City district within the Athabasca Basin. Aero is focused on uncovering high-grade uranium deposits across its flagship Optioned Properties - Sun Dog, Strike, and Murmac - in addition to its fully owned properties. Aero is led by an award-winning technical team responsible for discoveries along the prolific Patterson Corridor that include the Gryphon (TSX: DML), Arrow (TSX: NXE), and Triple-R (TSX: FCU) deposits. With over 50 shallow drill-ready targets identified and 125 km of target horizon, Aero is tapping into the basin's emerging potential for high-grade, unconformity-style mineralization.

On Behalf of the Board of Directors

"Galen McNamara"  
Galen McNamara, Chief Executive Officer

Further information on the Company can be found on the Company's website at [aeroenergy.ca](http://aeroenergy.ca) and at [www.sedarplus.ca](http://www.sedarplus.ca), or by contacting the Company by email at [info@aeroenergy.ca](mailto:info@aeroenergy.ca).

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