

*January 2024*



**AZINCOURT**  
ENERGY

# ALTERNATIVE ENERGY EXPLORATION & DEVELOPMENT

Uranium & Lithium Projects in Canada

TSX.V: AAZ

OTCQB: AZURF

FSE: A0U2

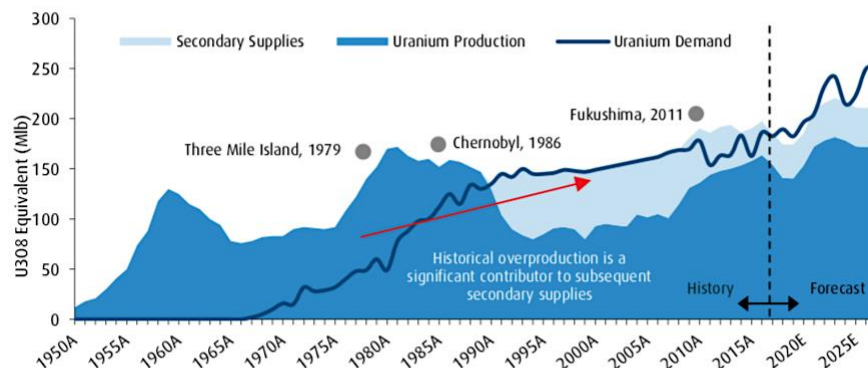
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***Technical information in this presentation has been reviewed by C. Trevor Perkins P.Geo, Azincourt Energy Corp's Vice President, Exploration, who is a qualified person as defined by National Instrument 43-101***

# MISSION

- Azincourt Energy Corp pursues exploration and development projects that anchor the company in a globally critical space.
- Clean trend initiatives are driving a paradigm shift in how future energy needs will be met.
- Demand for the raw materials needed to produce cleaner and more sustainable energy solutions continues to increase.
- As the global community embraces innovation and technology, alternative fuel and energy sources are playing a larger and more significant role in our everyday lives.

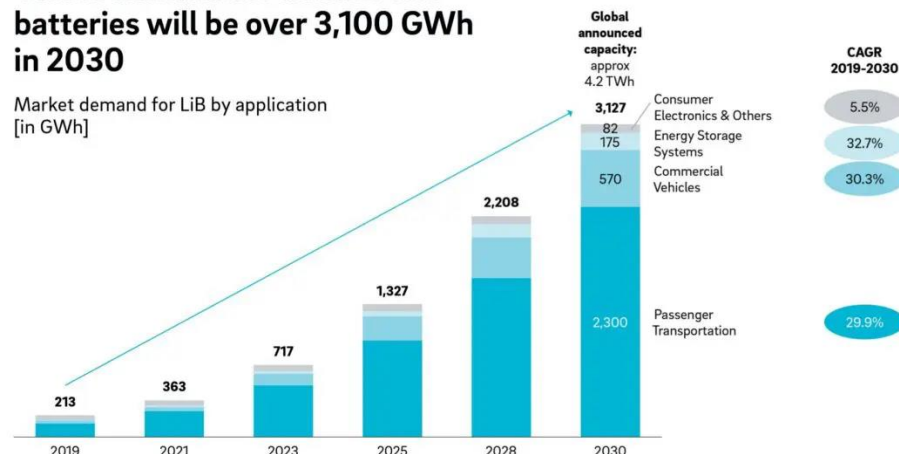
Historical and Future Uranium Supply/Demand (Mlb U<sub>3</sub>O<sub>8</sub>)



Source: BMO Capital Markets, WNA UxC

## Global demand for lithium-ion batteries will be over 3,100 GWh in 2030

Market demand for LiB by application [in GWh]



Source: Avicenne, Fraunhofer, IHS Markit, Interviews with market participants, Roland Berger

## **Alex Klenman – President, CEO & Director**

- Mr. Klenman is an experienced junior mining executive whose career spans over 30 years in the private and public sectors.
- Over the past decade he has held and continues to hold leadership roles with numerous publicly traded resource companies, including senior officer and/or director positions with Leocor Gold, Cross River Ventures, Arbor Metals, Tisdale Clean Energy, and others.
- During his career he has been responsible for leading junior resource financings in excess of \$100M.
- As a consultant he has also worked with companies such as Roxgold Inc, Forum Uranium, Integra Gold, Midnight Sun Mining, among others. He began his professional career in television broadcasting which evolved in the late 1990's into communications, finance and marketing roles principally for publicly traded companies.

## **C. Trevor Perkins, P.Geo – VP, Exploration**

- Professional Geologist with 25-year career in mineral exploration in some of the world's most prolific mining regions
- Formerly Exploration Manager for UEX Corporation, responsible for overseeing exploration in the Athabasca Basin, Saskatchewan, managed the team that made the Ōrora Uranium Deposit discovery 2017
- 10 years with Cameco Corporation as Vice President, Exploration for Cameco Mongolia, District Geologist for Europe and Asia, Senior Project Geologist for Arnhem Land in Australia, and a Project Geologist for Cameco's Athabasca projects
- As Project Geologist for the McArthur River project, he led the team that discovered the McArthur River North Extension zones (110Mlb U<sub>3</sub>O<sub>8</sub>) and as Senior Project Geologist based in Darwin, Australia, he led the team that discovered the Angulari Uranium Deposit (20Mlb U<sub>3</sub>O<sub>8</sub>)

## **Paul Reynolds, P.Geo – Director**

- Professional geoscientist with over 30 years of experience working in Canada, USA, Bolivia, Argentina and Guyana, specializing in the conception and management of mineral exploration ventures.
- Paul holds B.Sc. degree in geology from the University of British Columbia (1987) and is a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (since 1992), a fellow of the Geological Association of Canada, and a member of the Society of Economic Geologists.

## **John Fraser – Director**

- Over 25 years experience in the uranium/lithium exploration Industry including 20 years with Cameco Corporation.
- Former CEO and current member of the Board of Directors of Plateau Energy Metals (TSX.V: PLU).
- 17 years as Director, Corporate Development and Manager of Exploration, New Business and Global Exploration with Cameco, focused on acquisitions, new projects and strategic alliances.

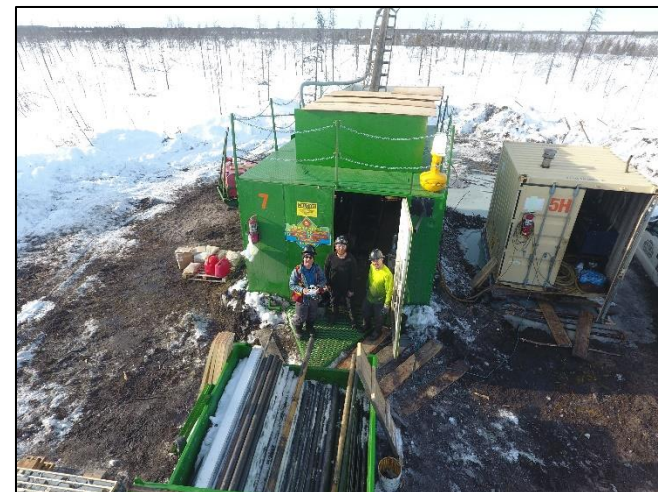
## **Vivien Chuang CPA – Chief Financial Officer**

- Chartered Professional Accountant (British Columbia, Canada) with several years of experience in the resource and mining sector. She worked at PricewaterhouseCoopers LLP from 2006 to 2010 and Charlton & Company from 2010 to 2011.
- Currently, Ms. Chuang is President of VC Consulting Corp. which provides CFO and other financial accounting and compliance services to a number of companies. Ms. Chuang holds a Bachelor of Business Administration degree from Simon Fraser University.



## East Preston Uranium Project - Saskatchewan, Canada

- Azincourt controls majority interest (~90%) in the over 25,000-ha exploration project situated in the western Athabasca Basin, Saskatchewan, the world's premier location for uranium mining
- Large inventory of priority drill targets identified within 30km of prospective exploration corridors delineated through multiple geophysics, ground evaluation programs and limited drilling
- Project located in an area containing over \$20B CDN in market capitalization



## Big Hill Lithium Project – Newfoundland, Canada

- Azincourt has an option agreement to acquire up to 75% in the 7,500-ha exploration project, located in southern Newfoundland.
- The Optionor, Atlantis Battery Metals, has significant experience in the lithium space, having been involved in both the management and technical sides of the \$6B (AUS) merger that created Allkem, the world's fifth largest lithium company.
- Atlantis geologists will work closely with Azincourt to plan and execute exploration programs during the life of the agreement.
- Big Hill features multiple target zones and is located 5kms south of the Kraken Lithium discovery, a joint venture between Benton Resources and Sokoman Minerals.

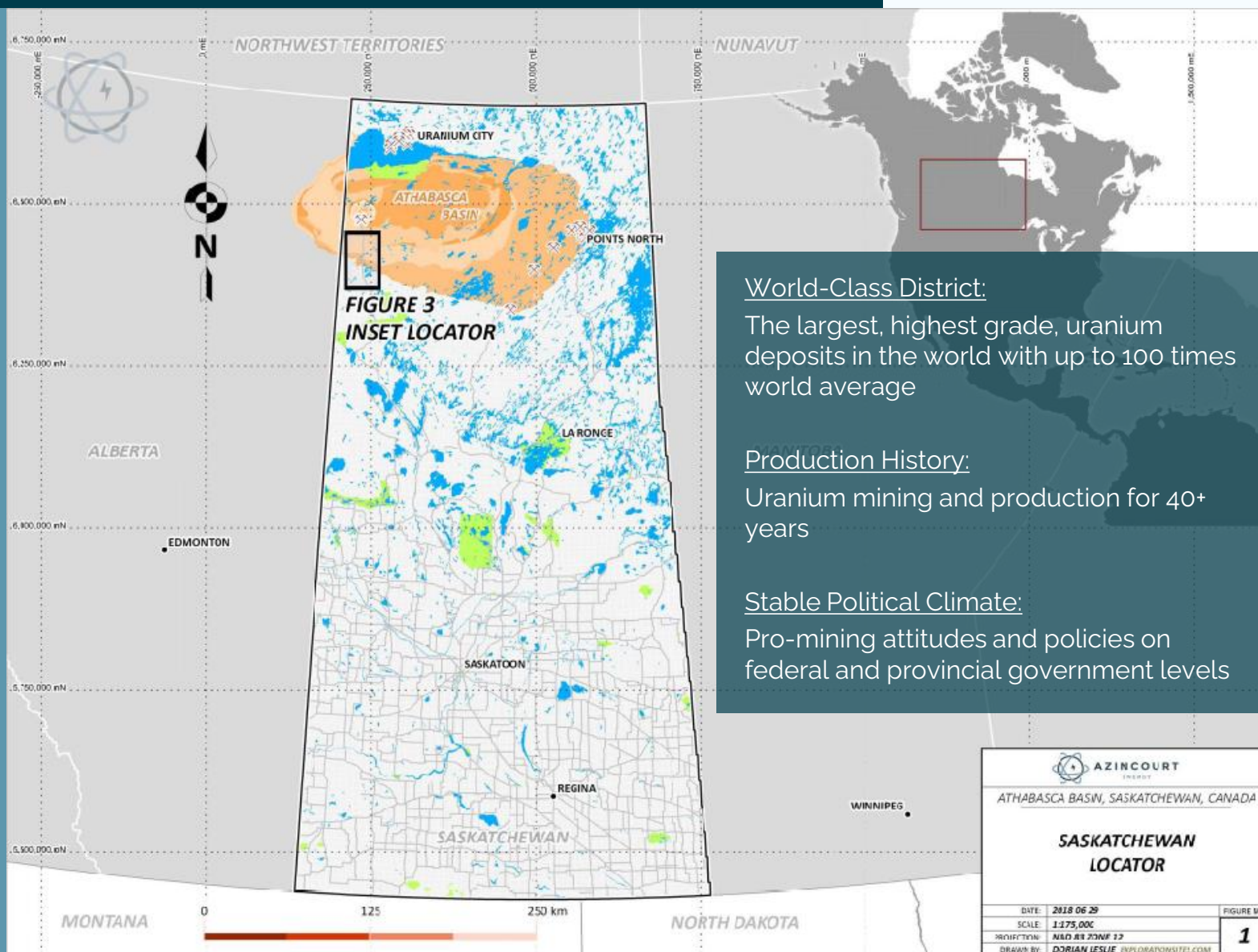


# THE ATHABASCA BASIN

Saskatchewan, Canada



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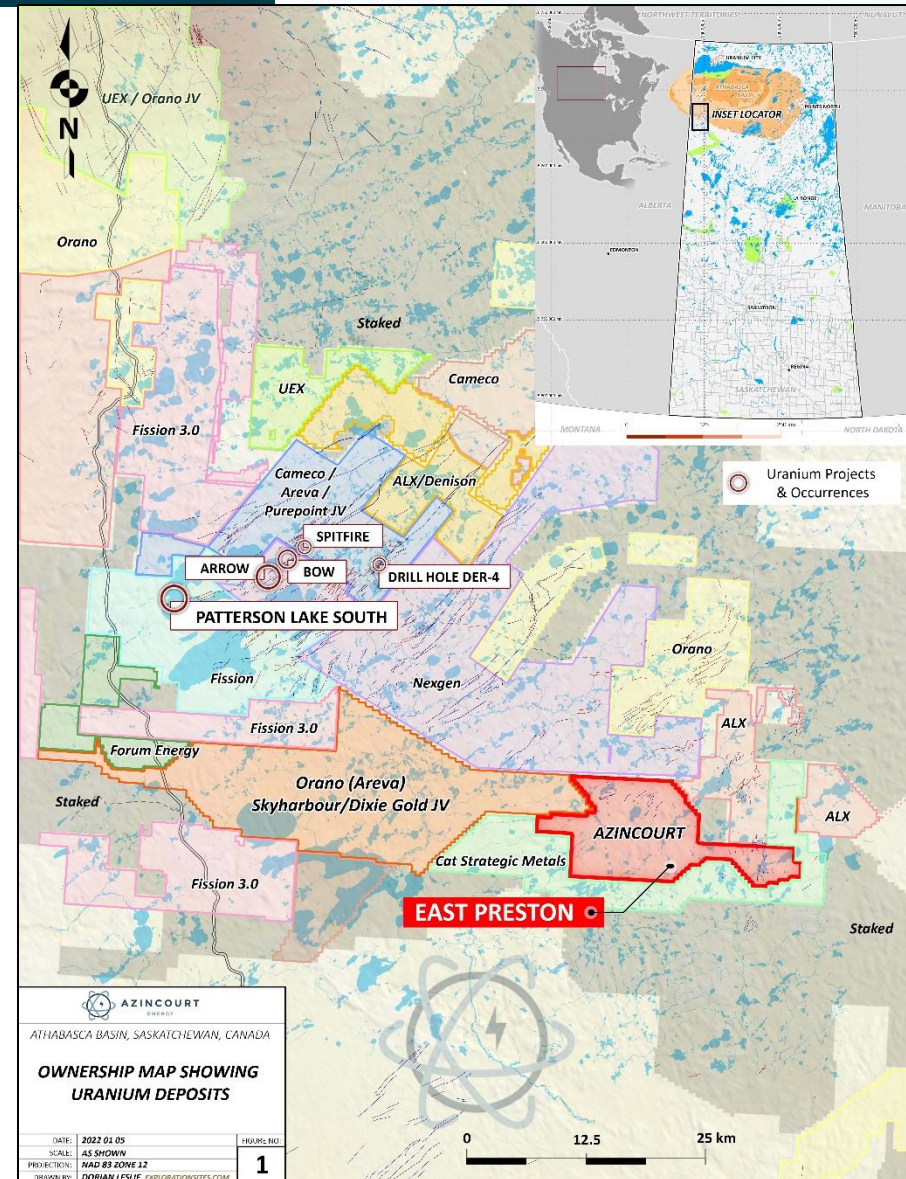


## Area Market Caps

- NexGen Energy - \$5.3B CDN
- Orano (Areva) - \$1.99B USD\*\*
- Cameco - \$27.6B CDN
- Fission - \$950M CDN
- Denison - \$2.3B CDN
- UEX Corp - Acquired
- Skyharbour Resources - \$92M CDN
- Purepoint Uranium - \$30M CDN
- Fission 3.0 - \$205M CDN
- Azincourt Energy - \$11.3M CDN

\*As of Jan 24, 2024

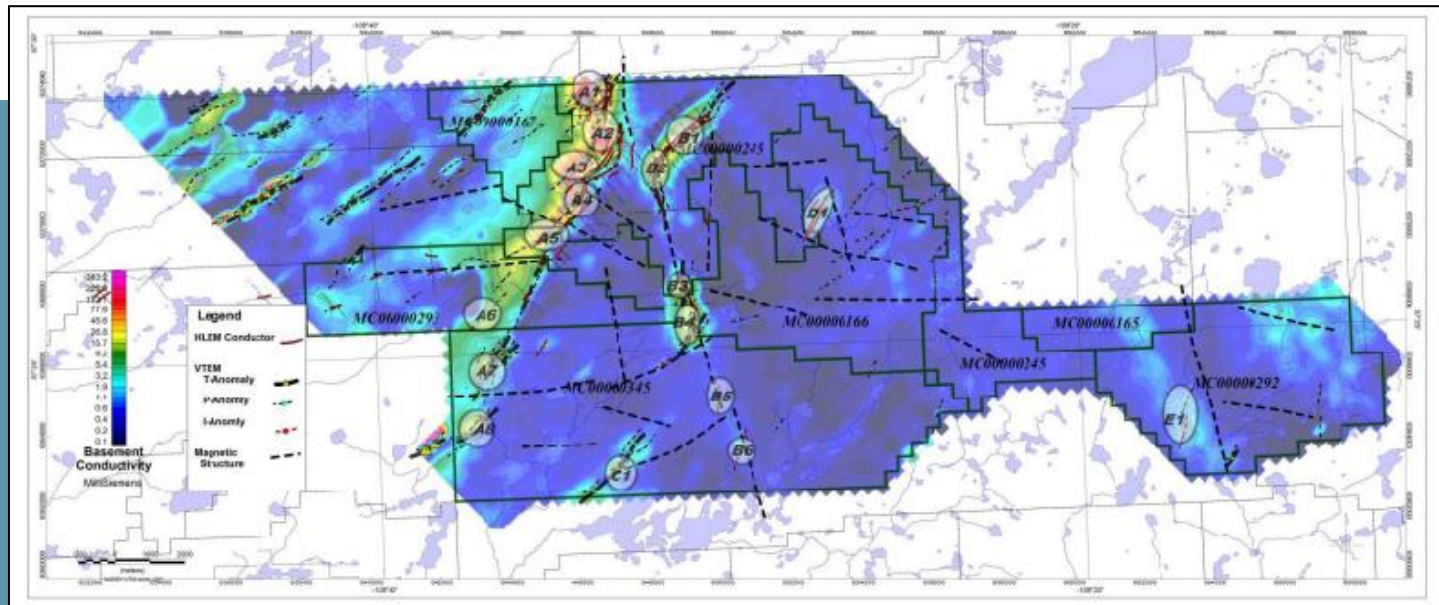
\*\* Estimated





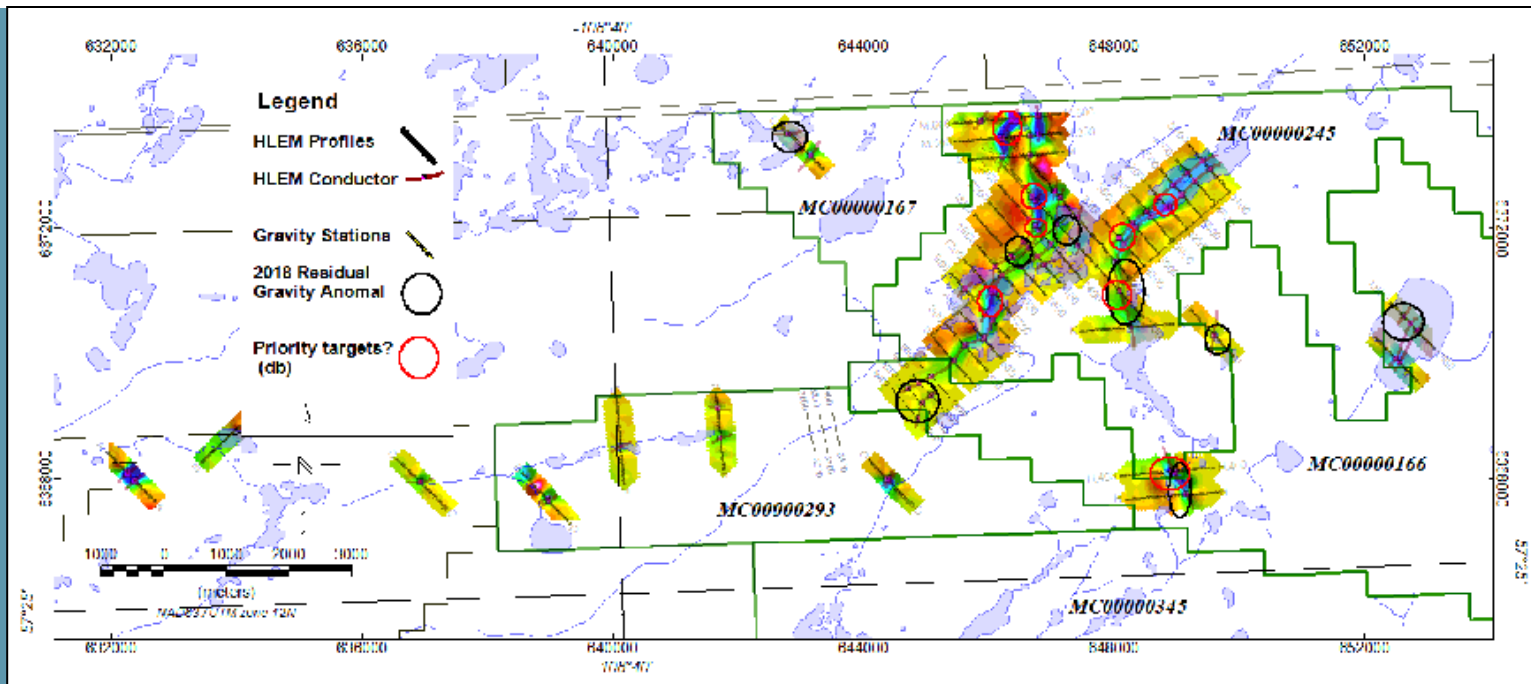
## Airborne Geophysical Surveys

- **Uranium deposits are often associated close to basement conductive trends and represent a first order criterion for discovery**
- Identified Northeast striking conductive corridors through the central portion of the property.
  - A-G Trend
  - K-H-Q Trend
- Additional targets:
  - Short strike length parallel trends to the west of the A-G trend
  - Bullseye style targets to the east of the K-H-Q Trend



## Ground based geophysical surveys

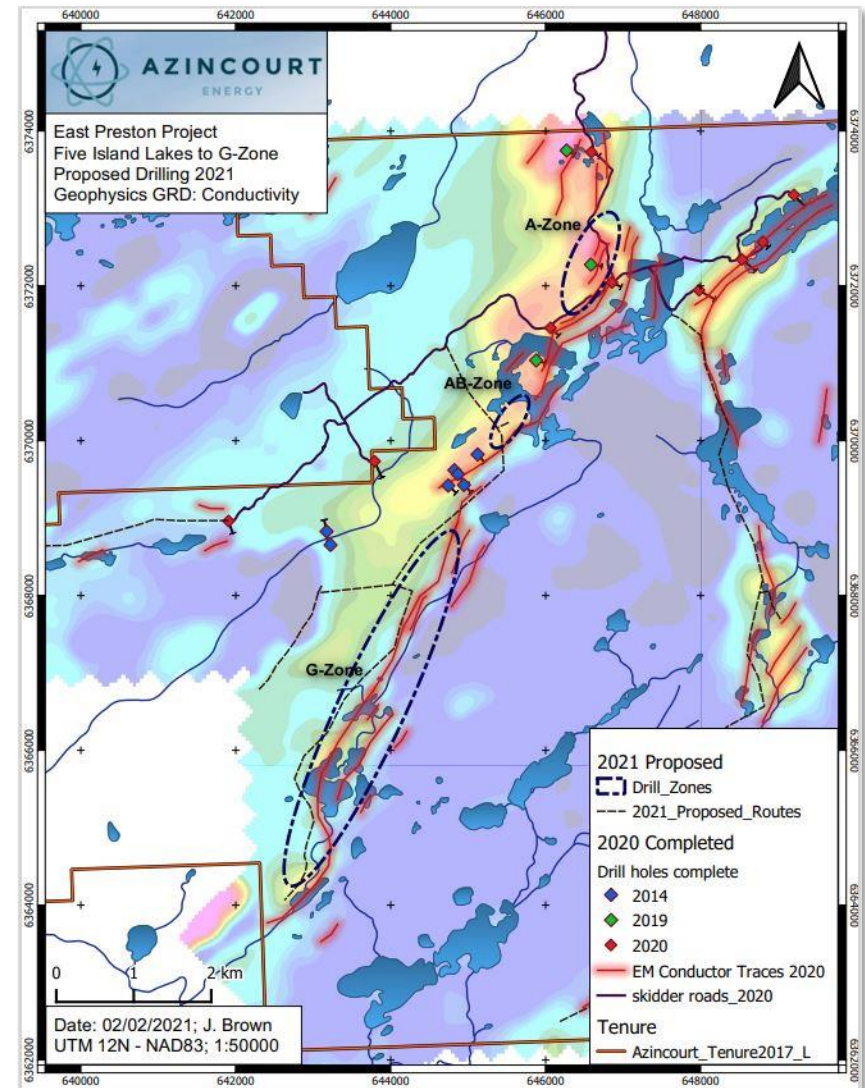
- Gravity and HLEM surveys over identified airborne targets
  - multiple long linear conductors with flexural changes in orientation and offset breaks in the vicinity of interpreted fault lineaments – **classic targets for basement-hosted unconformity uranium deposits**
- **These are not just simple basement conductors but clearly upgraded/enhanced prospective targets due to the structural complexity**
- Abundant drill targets have been identified for continued drill testing



# EAST PRESTON PROJECT

## Previous Drill Programs

- Prior to the recent program 24 holes had been drilled at East Preston.
- This drilling has confirmed
  - elevated uranium,
  - favorable basement lithologies,
  - and graphitic structures
- Analogous to the Patterson Lake South-Arrow-Hook Lake/Spitfire uranium deposit host rocks and setting.
- Trace element geochemistry shows anomalous results for basement-hosted unconformity uranium deposit pathfinders Ni, Co, Cu, Zn and As associated with graphitic schist intervals.
- Recognition of what is believed to be a basement analogue to uranium deposit related REE mineralization and alteration suggests that mineralizing fluid systems were active on the project at the right time.



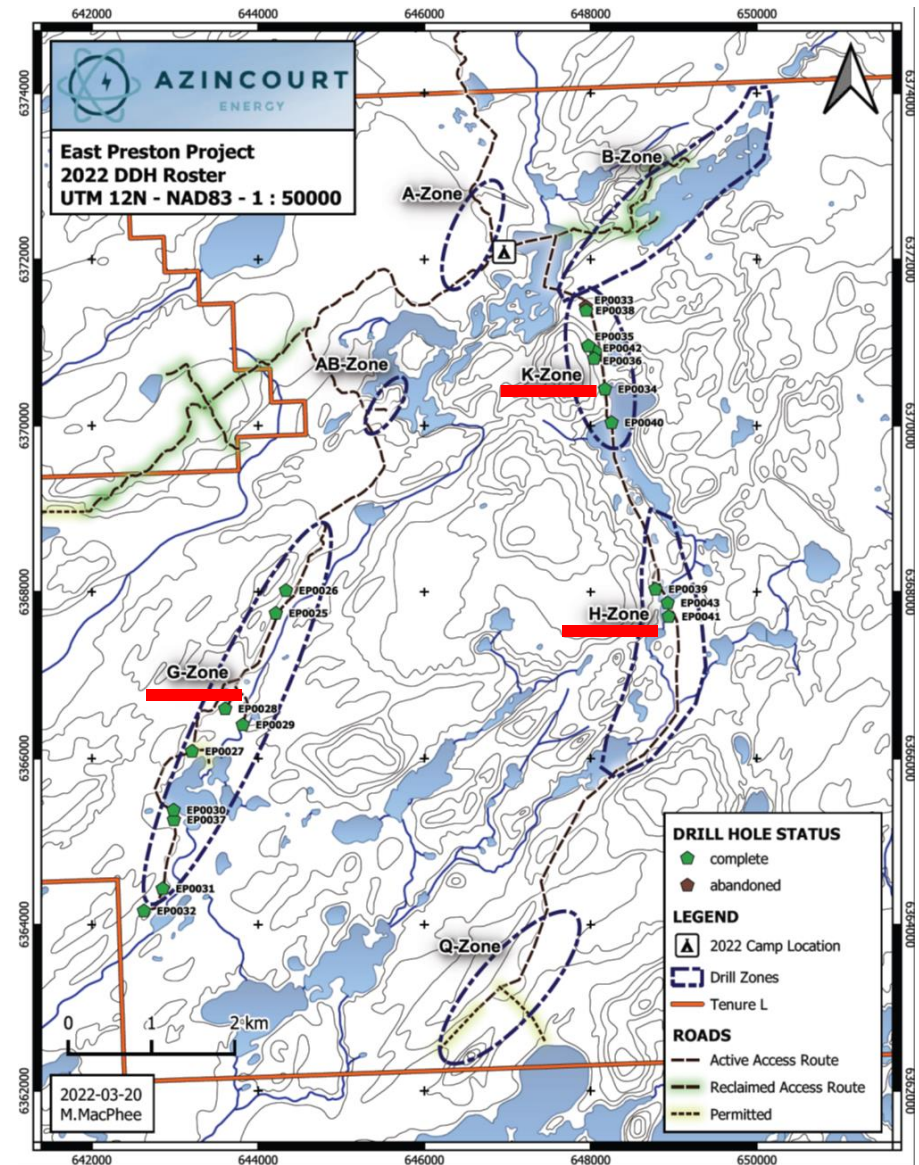
**2021 drill targets along the conductive corridor from the A-Zone through to the G-Zone**

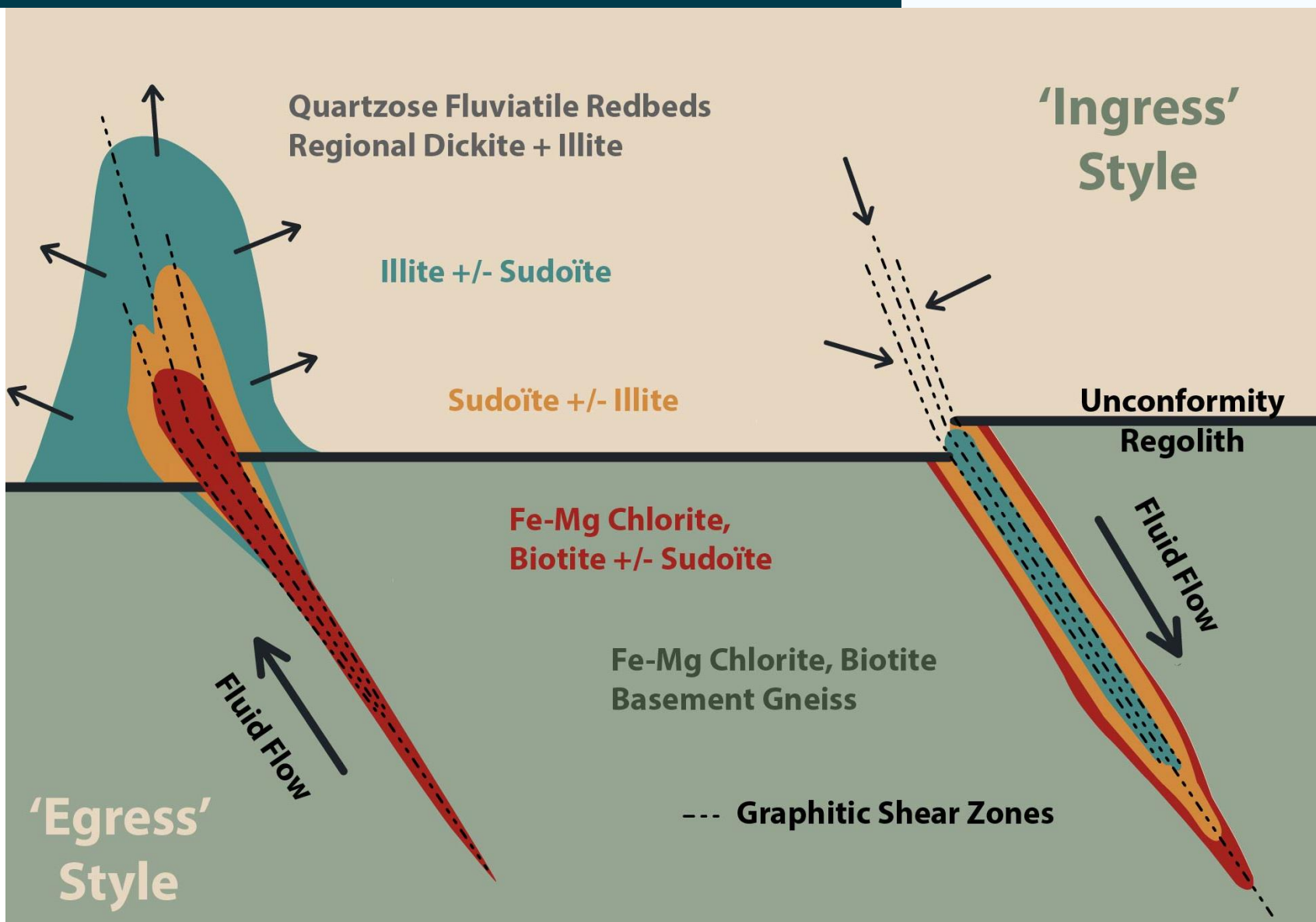


# EAST PRESTON PROJECT

## 2021-2022 Winter Drill Program

- 2021-2022 drill program completed in March 2022
- 5,004 meters drilled in 19 holes
- Largest drill program to date at East Preston
- Three target trends drill tested
  - G-Zone
  - K-Zone
  - H-Zone
- Three alteration zones, totaling 1700 meters identified





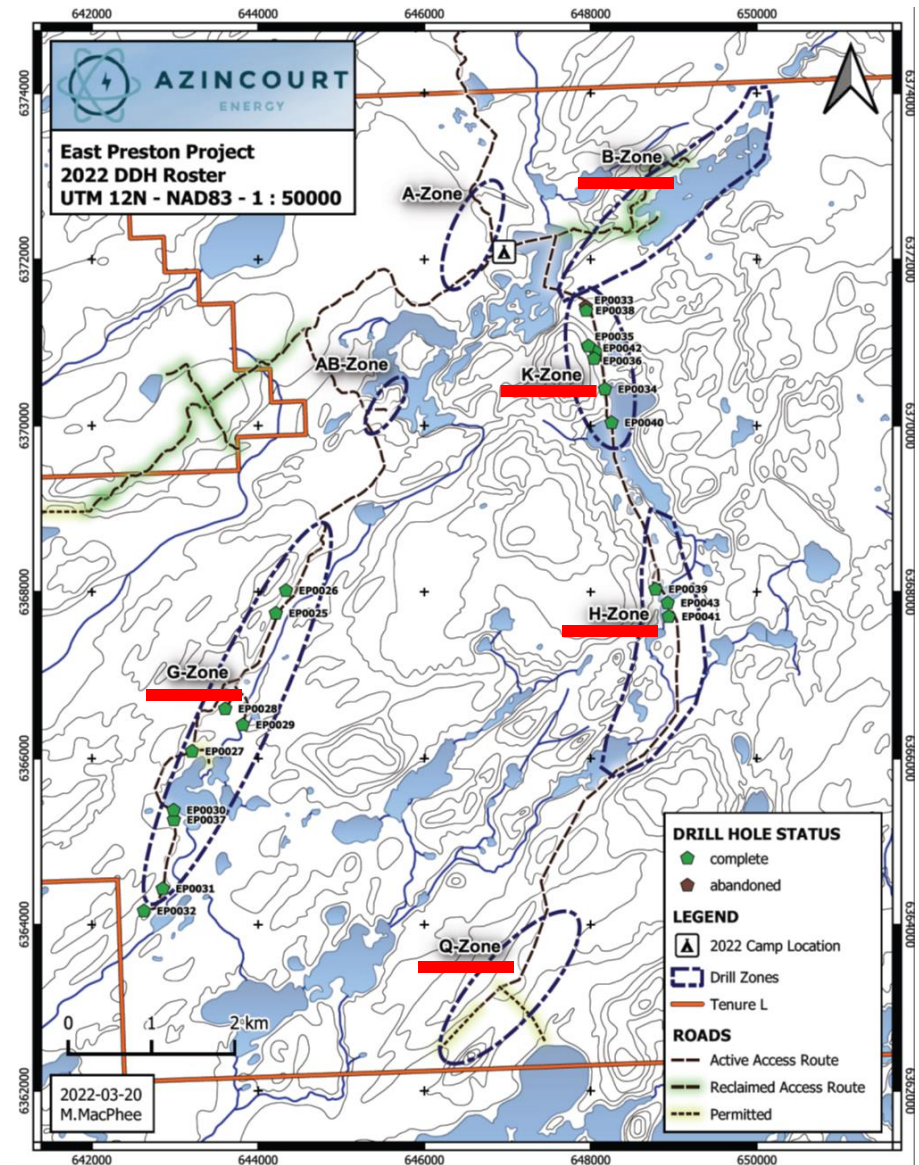
# EAST PRESTON PROJECT

## 2021-2022 Winter Drill Program Summary

**K-Zone:** Extensive hydrothermal hematite alteration in all holes. Clay alteration present. Alteration trend is at least 1,200 meters long. Localized elevated radioactivity in excess of 10x background in EP0035. This zone returned 5.4 ppm U and a 1.2 U/Th ratio; five times expected values based on lithology.

**G-Zone:** Extensive hydrothermal hematite alteration and evidence of steep east-west trending cross-cutting structures in holes EP0030 and EP0037. Hole EP0037 returned 14.6 ppm U and a U/Th ratio of 1.5, five times the expected values based on lithology. EP0032 returned 19.5 ppm U and a U/Th ratio of 0.8.

**H-Zone:** Covers a change in orientation of the conductive trend from north-south to southwest. Structural setting expected to be complex to facilitate the change in orientation. Thick hydrothermal alteration and an intense graphitic fault zone. May be continuous with K-Zone. To be determined. EP0041 returned 12.5 ppm U and a 0.5 U/Th ratio within a mylonite in the fault zone.

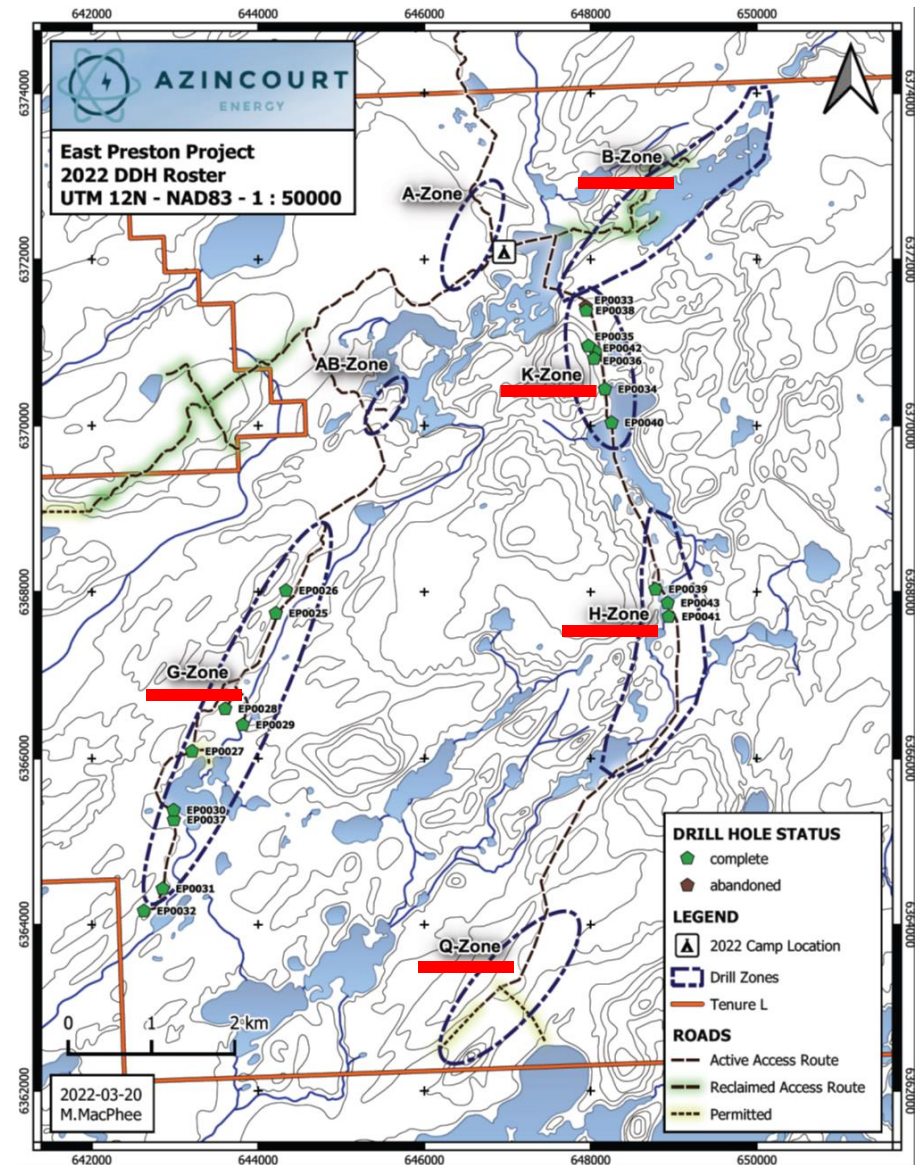




# EAST PRESTON PROJECT

## 2021-2022 Winter Drill Program Summary

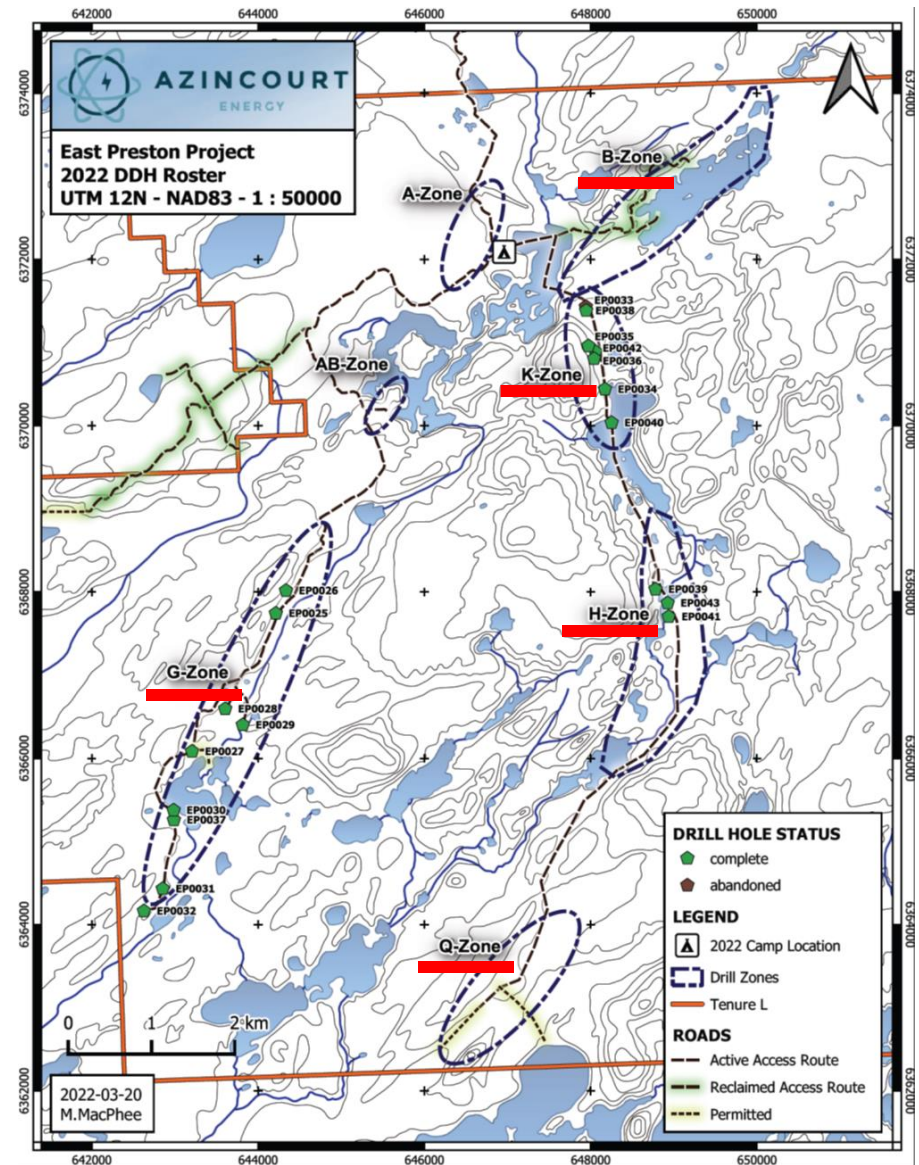
- The discovery of the alteration zones, covering almost two kilometers within these separate zones is considered a significant development.
- Alteration is associated with uranium deposition, acting as a halo proximal to and surrounding potential deposits.
- **Elevated uranium is clear evidence of uranium bearing fluids moving around within the alteration system.**



# EAST PRESTON PROJECT

## 2022-23 Winter Program

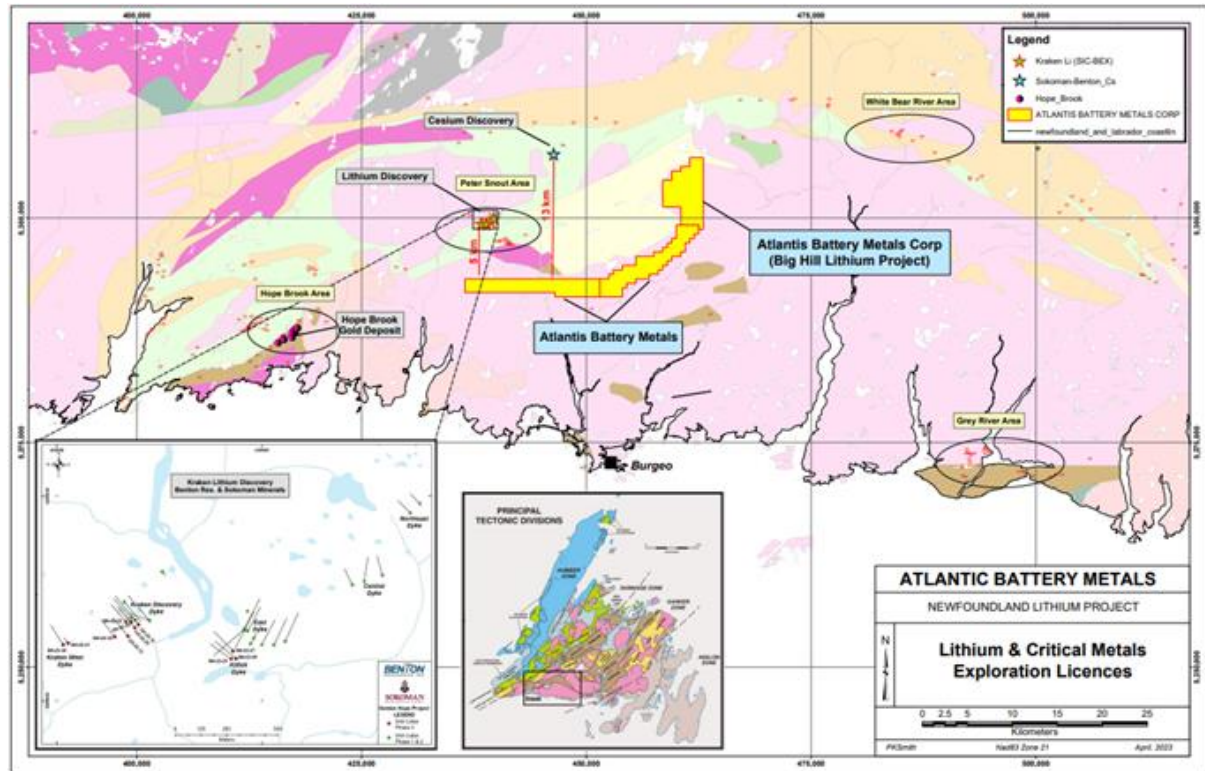
- 3,066m completed in 13 drill holes
- Extensive **dravite, illite and kaolinite** clay alteration confirmed in the K-Zone.
- K-Zone alteration zone extended 300m to a total of 1500m strike length.
- Elevated radioactivity confirmed in the G-Zone.
- Confirmation of uranium enrichment within the previously identified clay alteration zones along the K, and H-target zones.





# BIG HILL LITHIUM PROJECT

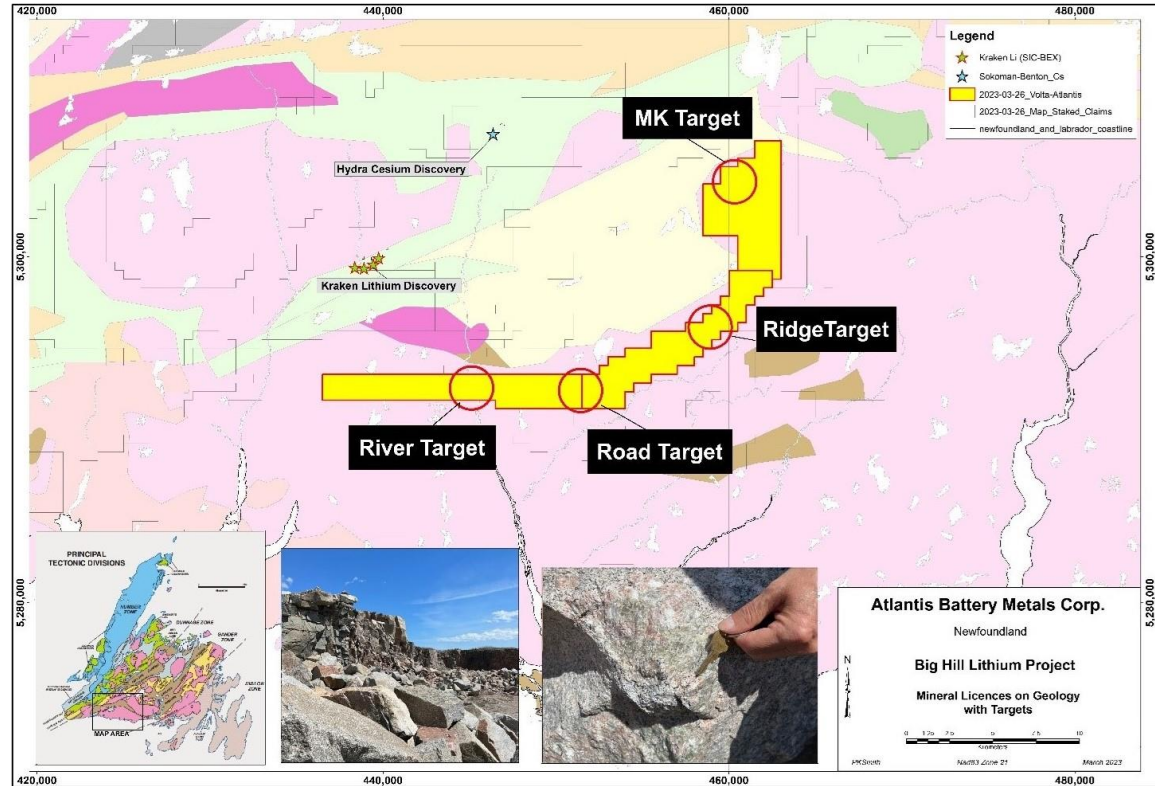
- Azincourt has entered into a definitive property option agreement with Atlantis Battery Metals pursuant to which the Company has been granted the option to acquire up to a seventy-five percent interest in the Big Hill Lithium Project.
- Big Hill is 7,500-hectare Lithium-Cesium-Tantalum ("LCT") exploration project located along the south side of the Hermitage Flexure in southern Newfoundland, five kilometers south of Benton/Sokoman's Kraken Lithium discovery.
- Big Hill is host to numerous granite dykes that cut through Burgeo granite. Coarse-grained pegmatite dykes greater than 2m wide and 20m long occur south of the property and are anticipated to be present on the Big Hill ground.





# BIG HILL LITHIUM PROJECT

- Recent preliminary reconnaissance at Big Hill has identified four known target areas, based on extrapolation of bedrock geology, structural disaggregation of stratigraphic blocks and apparent folding and late shear faulting.
- Similar structural elements are observed in the Kraken Lithium Pegmatite Field, although host rocks differ. These targets are known as the River, Road, MK and Ridge targets and will be the focus of initial exploration programs.
- Initial exploration program resulted in the discovery of a significant pegmatite field which spans for ~400m trending NNE.**
- There appears to be multiple distinct pegmatitic generations present on the property. Follow up program to determine geochemical make up of the pegmatites will occur in the spring of 2024.



Common Shares	227,384,119
Options to purchase common shares	15,116,000
Warrants to purchase common shares	164,814,923

- Current cash on hand - \$3M

## Major Shareholder Ownership

Institutional Holders	30%
Insiders, Close Associates	10%
Family & Friends	10%



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## **Corporate Communications**

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