

# “Otherside” Uranium Property



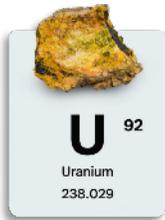
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# Forward Looking Statement

This presentation contains forward-looking statements which may include but are not limited to statements with respect to the future financial or operating performance of Appia and its projects, the future price of uranium, capital operating and exploration expenditures, success of exploration activities, permitting timelines, government regulation and environmental risks and costs. Appia has tried to identify these statements by using words such as "plans", "proposes", "expects" or "does not expect", "is expected", "estimates", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.



Forward-looking statements are not based on historical facts and involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company, or events, to be materially different from any future results, performance, achievements or events express or implied by the forward-looking statements. These forward-looking statements reflect current expectations of management regarding future events and performance. Such forward-looking statements are based on a number of assumptions which management believes to be reasonable but may prove to be incorrect and involve significant risks, including but not limited to: the general risks associated with the mining industry, lack of operating history, dependence on key personnel, conflicts of interest, the need to raise additional capital, title to properties, competition, speculative nature of the business, acquiring additional properties, uninsured risks, external market factors, government regulation, environmental regulations, exploration risk, calculation of resources, insufficient resources, barriers to commercial production, maintaining property interests, commodity prices, exchange rates, lack of dividends, lack of public trading market, currency risk and controlling shareholder.

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The technical information in this Presentation has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The information was reviewed and approved by Dr. Irvine R. Annesley, P.Geo, Consulting Geologist, Qualified Persons as defined by National Instrument 43-101.

# Company Overview

Appia is a publicly traded mineral exploration company advancing rare earth and uranium projects to help supply the critical minerals needed for electric vehicles, renewable energy, and the transition to a cleaner future.

- Positioned to capitalize on increasing global demand for critical minerals for use in electric vehicles, wind turbines, and advanced renewable-energy electronics
- Committed to advancing multiple REE and uranium projects in mining-friendly regions, including the Athabasca Basin, Ontario, and Goiás State, Brazil.

## Rare Earths

### **ALCES LAKE, SASK, CANADA**

- *High-grade monazite prospect on surface and near-surface of up to 80% coarse-grained monazite*
- *Significant critical REE with grades up to 50% TREO plus gallium*
- *Most attractive mining jurisdiction in Canada with access to SRC monazite processing facility*
- *38,522 hectares, 100% interest*

## Uranium

### **OTHERSIDE, SASK, CANADA**

- *Hosts a 49-km long EM conductor, structural bends, and geophysical signatures comparable to NexGen's "Arrow" deposit & UEC/Orano's Shea Creek deposit*
- *Large, underexplored 10,441-hectare, 100% Appia-owned property with significant potential for a new high-grade discovery*
- *Loranger, Eastside, and North Wollaston listed as other notable uranium properties*

## Rare Earths

### **ULTRA HARD ROCK / IAC, GOIAS, BRAZIL**

- *Two styles of mineralization hosting critical REE in ionic adsorption clays (IAC) and carbonatitic breccia*
- *Rare Earths in IAC are generally easily extractable with lower Opex & Capex costs*
- *MRE & NI 43-101 Technical Report completed Feb 2024.*
- *42,932 hectares. Appia holds 25% of Hard Rock/IAC; A. Vitor 25%; Ultra 50%*

## Uranium & REE

### **ELLIOT LAKE, ON, CANADA**

- *Holds an extensive NI-43-101 Indicated & Inferred Mineral Resource Estimate (MRE) of over 55 million pounds Uranium and 180 million pounds of REE.*
- *Well-developed infrastructure & 58 Km from Cameco's uranium refining facility near Blind River, ON*
- *13,008 hectares, 100% interest subject to 1% NSR if uranium price is over \$130*

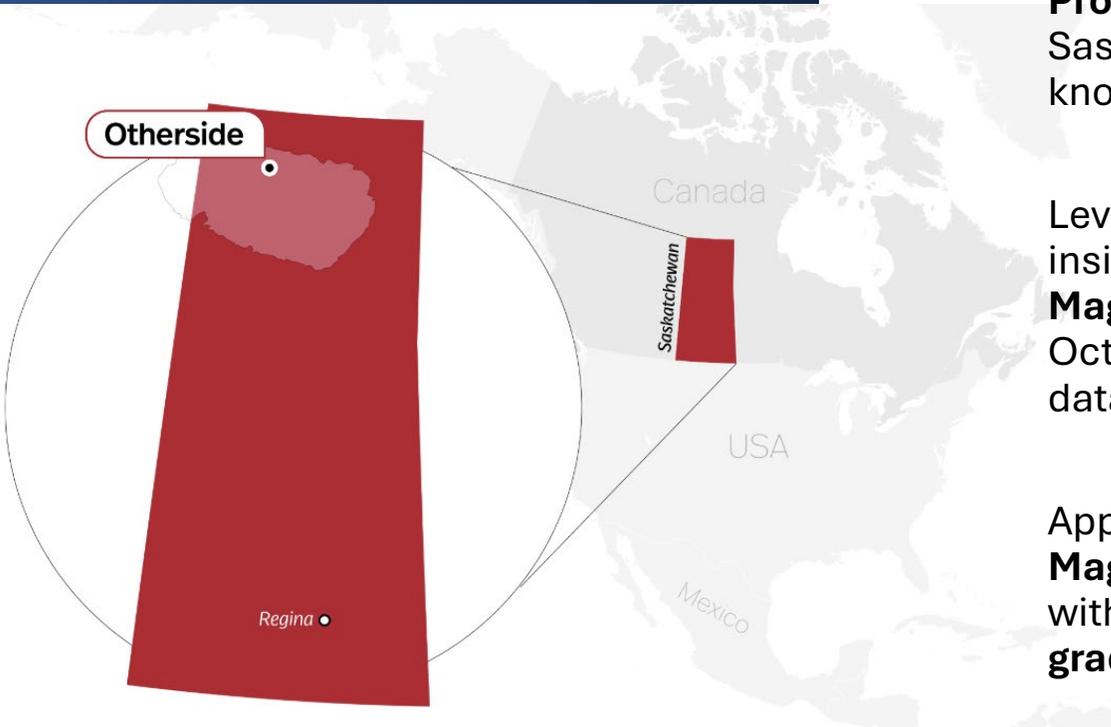
## Objective

The goal of this Investor Presentation is to provide a comprehensive overview of Appia's exploration strategy for the **Otherside Uranium Property**, located in the renowned **Athabasca Basin**, Northern Saskatchewan, Canada, and compare its potential to other well-known deposits in the region.

Leveraging both historical geological and geophysical data along with insights from the recent **Airborne Gravity Gradiometer (AGG) and Magnetometer Survey** performed by Xcalibur Smart Mapping on October 16, 2024, Appia has utilized this AGG and Magnetic survey data to pinpoint potential **uranium mineralization targets**.

Appia plans to refine these targets with their ongoing **Ground Magnetotellurics (MT) survey**, as of March 10<sup>th</sup>, 2026, and test them with strategic diamond drilling to validate their potential for **high-grade uranium deposits**.

The company is also seeking potential partners and investment opportunities to advance exploration at the Otherside Uranium Property and unlock its high-grade uranium potential.



# Uranium in the Athabasca Basin

The **Athabasca Basin** is a large sedimentary basin containing some of the world's richest sources of **high-grade uranium**.

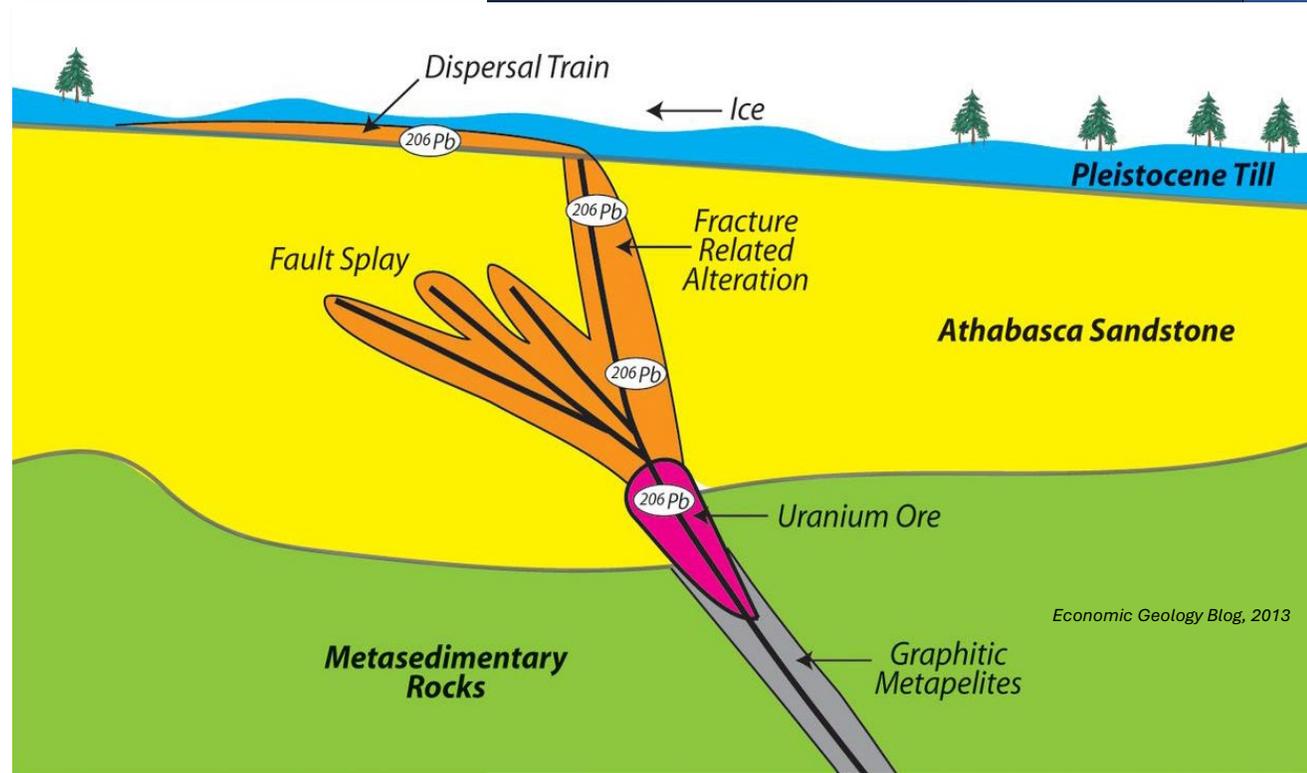
## Common Geophysical Tools to Discover Uranium:

- Magnetic + Gravity Lows: can signal of less dense, non-magnetic, altered minerals; prime candidates for uranium deposition.
- Electromagnetics (EM): “Bent/broken”, electromagnetic fault conductors where fluids can interact and potentially deposit uranium.

The integration and correlation of results from these three geophysical techniques significantly enhances the potential for discovering new uranium deposits.

## Major Athabasca Basin uranium deposits associated with these characteristics:

- **Arrow:** NexGen Energy Ltd.
- **Shea Creek:** UEC/Orano.
- **Millenium:** Cameco.
- **Phoenix:** Denison Mines Corp.
- **Pike:** Cameco/CanAlaska Uranium Ltd.



Schematic diagram showing the dispersion of Athabasca uranium ores.

**Source:** Cameron, E. M. (2013). From Chile to Nevada to the Athabasca basin: earthquake induced geochemical anomalies from near field to far field. *Geochemistry: Exploration, Environment, Analysis*, 13(1), 41 to 51.  
<https://doi.org/10.1144/geochem2012-143>

# Otherside Uranium Project: Excellent Potential for High-Grade Uranium

## Massive Size:

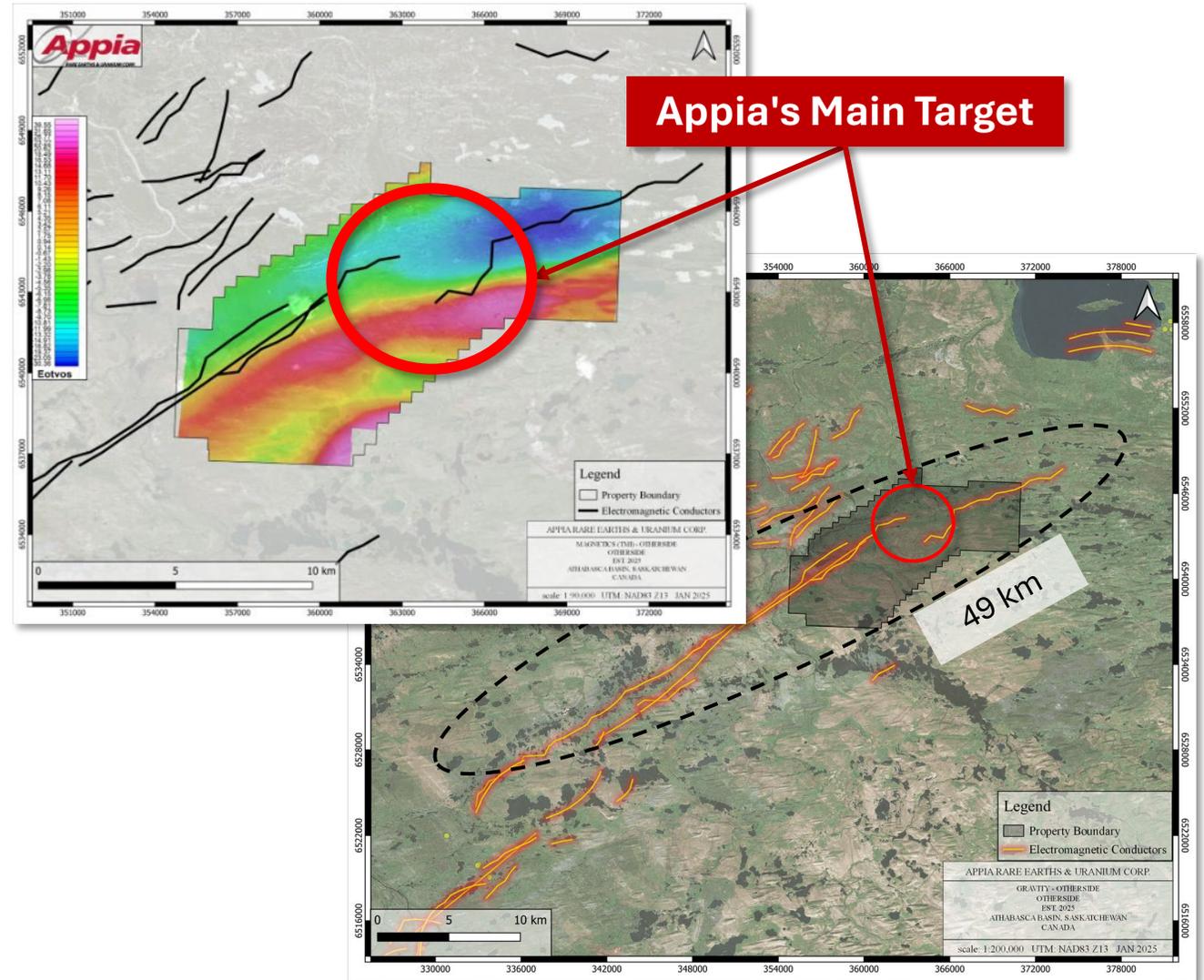
- 49-km long electromagnetic conductor, potentially larger than many EM conductors associated with major Athabasca Basin uranium deposits.

## Familiar Characteristics:

- Geophysical and structural characteristics to other high-grade uranium deposits in northern Saskatchewan, like NexGen's "Arrow", UEC/Orano's "Shea Creek" deposits and more.
- Gravity + Mag Lows: Indicate hydrothermal alteration, a key factor in uranium deposition.
- EM Conductors: Structural geochemical "deposition sites" known to host world-class uranium deposits due to their fluid-trapping potential.

## 100% Owned:

The Otherside Uranium Property is 10,441.88 hectares and is 100% owned by Appia.

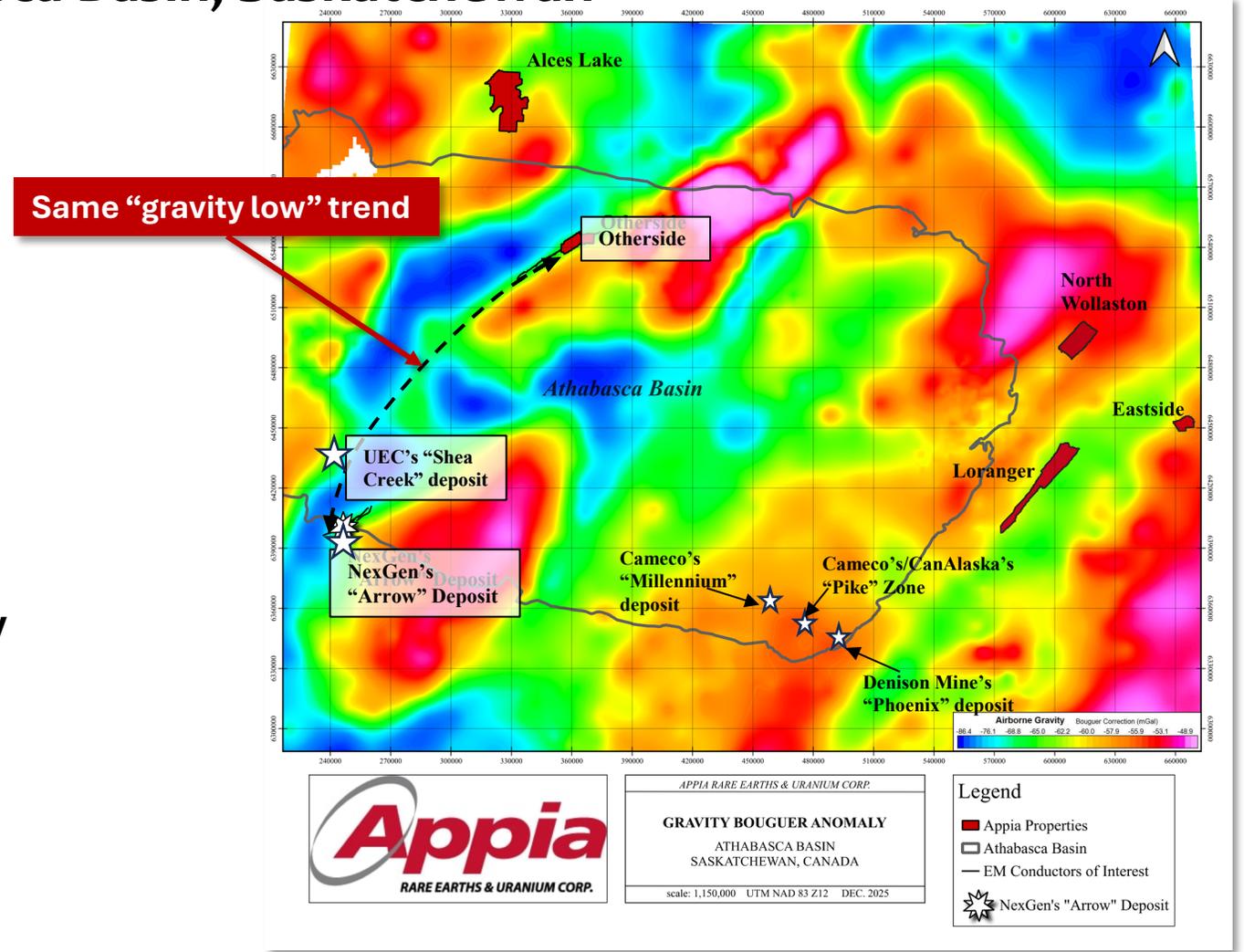


Appia's Otherside Uranium Property. Athabasca Basin, Saskatchewan, Canada.

# Flagship Uranium Deposits, Athabasca Basin, Saskatchewan

## Otherside's Strategic Location

- Located within Saskatchewan's Athabasca Basin, one of the world's best locations for high-grade uranium deposits.
- Strategically staked within the **same gravity low trend** as the *Shea Creek* and *Arrow* high-grade uranium deposits.



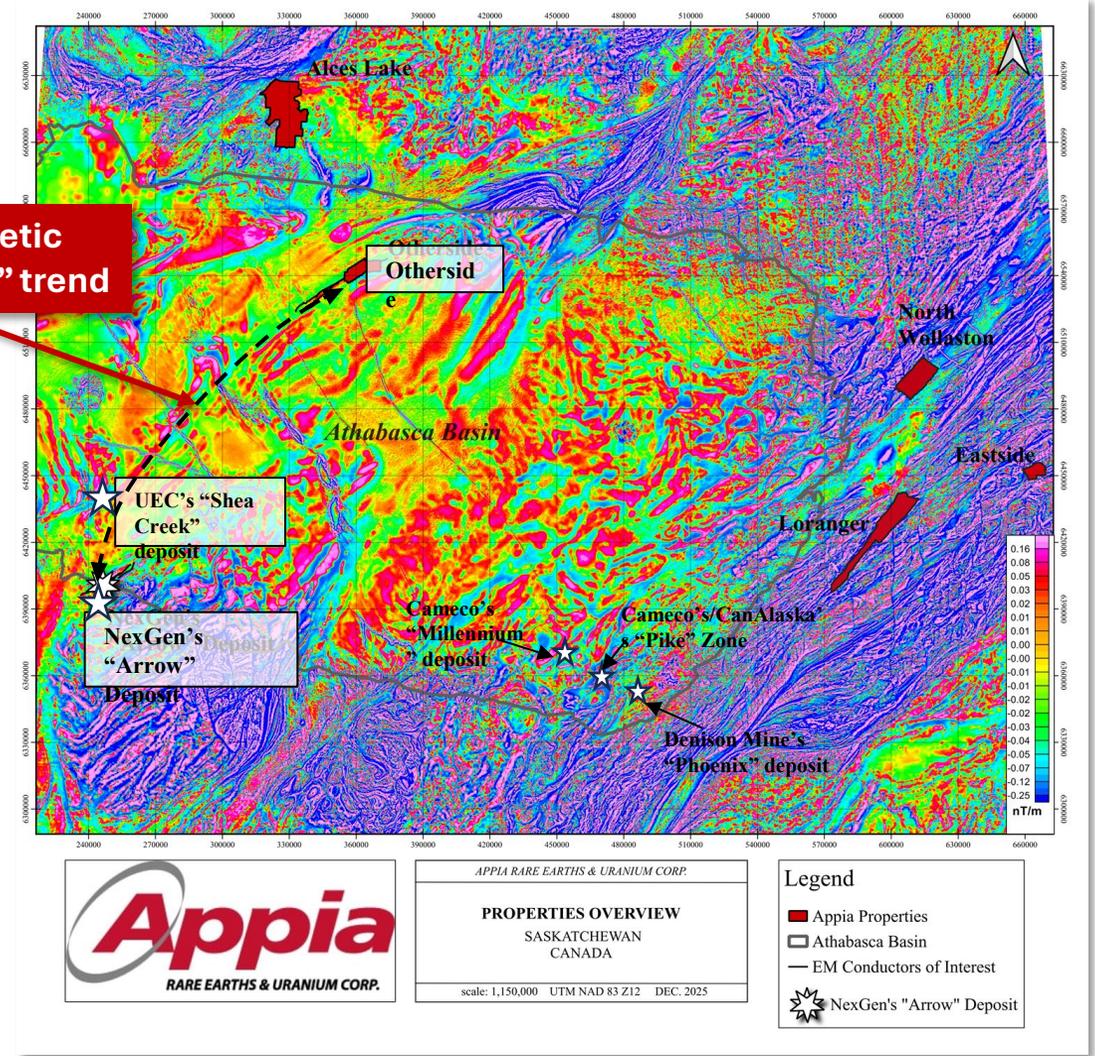
“Aeromagnetic 1VD” and “Gravity Bouguer Anomaly” data were sourced from the [Government of Saskatchewan Mining and Petroleum GeoAtlas](#).

# Flagship Uranium Deposits, Athabasca Basin, Saskatchewan

## Otherside's Strategic Location

- Located within NE extension of the same magnetic low-medium trend as the *Shea Creek* and *Arrow* high-grade uranium deposits.

Same "magnetic low-medium" trend



"Aeromagnetic 1VD" and "Gravity Bouguer Anomaly" data were sourced from the [Government of Saskatchewan Mining and Petroleum GeoAtlas](#).

# Similarities with NexGen Energy's "Arrow" Deposit

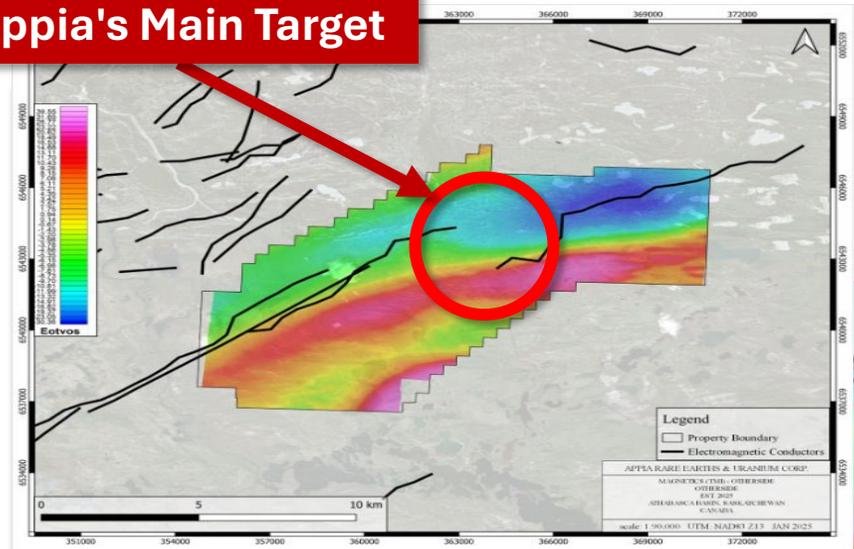
NexGen Energy Ltd's "Arrow" deposit is recognized as the largest development-stage uranium deposit in the region.

The Arrow deposit is characterized by its **high-grade uranium mineralization**, offering a resource of 209.6 million pounds of U3O8.

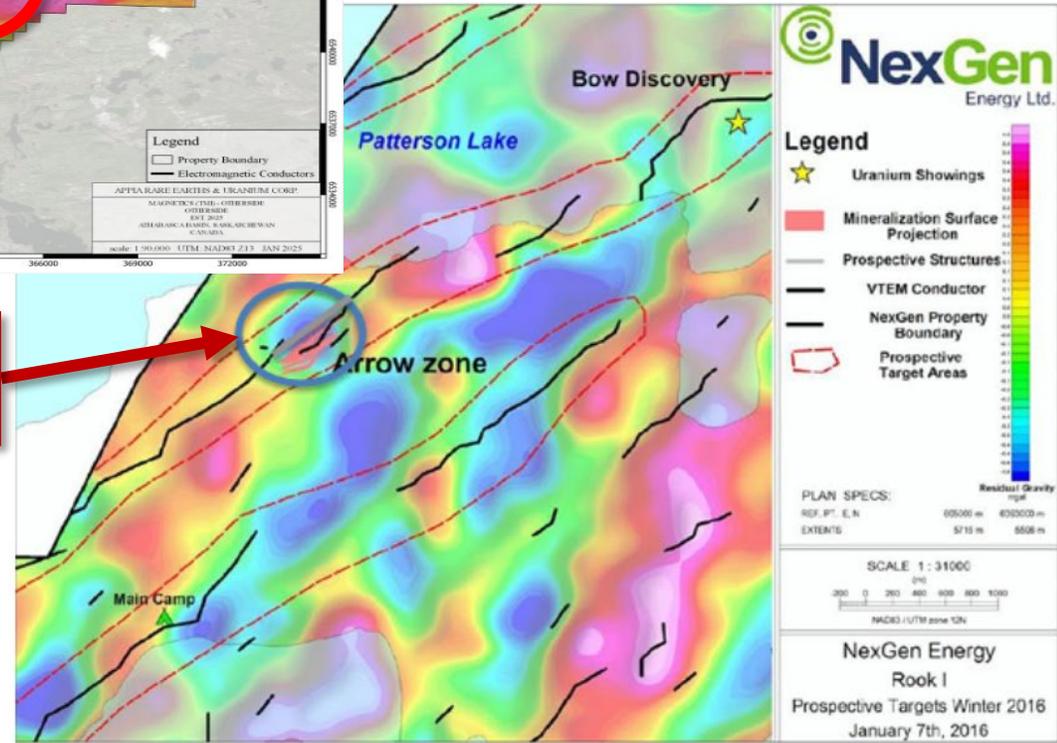
## Geophysical Similarities to Otherside

- The Arrow deposit sits on a massive, faulted EM conductor, like Appia's Otherside property.

**Appia's Main Target**



**NexGen's "Arrow" Deposit**



Source: NexGen Energy Ltd. Corporate Presentation - 2016

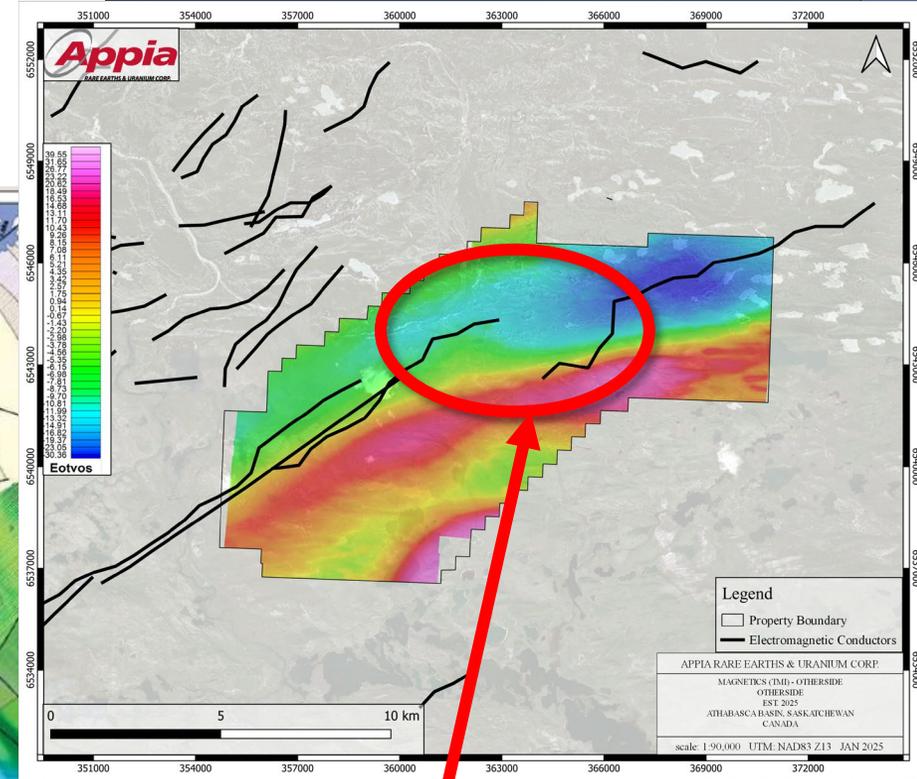
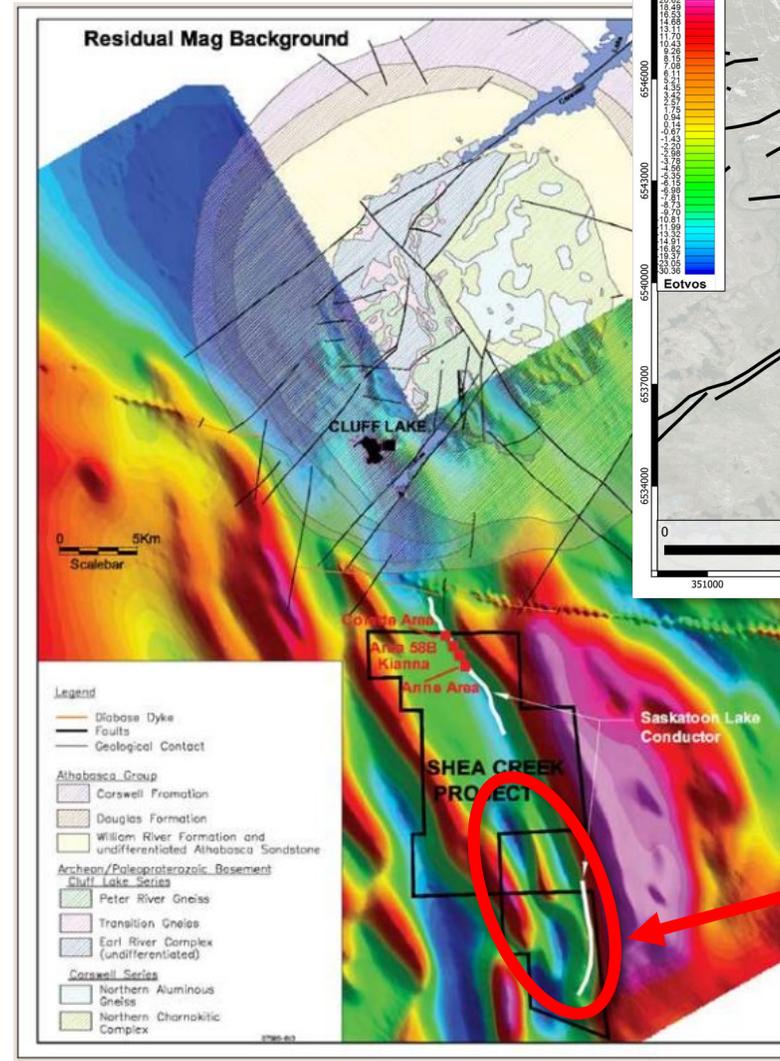
# Similarities with UEC/Orano's "Shea Creek" Deposit

## Tonnage

- ~67.6 Mlb Indicated @ 1.49%  $U_3O_8$  and ~28.1 Mlb Inferred @ 1.02%  $U_3O_8$

## Geophysical & Geological Parallels to Otherside

- Shea Creek hosts multiple uranium zones along major structures—comparable in part to Otherside's 49 km long, reactivated EM conductor with similar magnetic low anomalies.
- Mineralization occurs ~700–750 m below surface in unconformity, basement-hosted rock - at potentially a similar depth for Otherside's unconformity.
- Appia's Otherside Property shares key geophysical features with UEC/Orano's Shea Creek deposit - both aligned along EM conductor breaks within magnetic lows, highlighting a proven setting for high-grade uranium mineralization.



Shea Creek – Proven Uranium Discovery

**Source:** "A progressive geophysical exploration strategy at the Shea Creek uranium deposit" Nimeck, G. et al., 2008

# Similarities with Cameco's "Millennium" Deposit

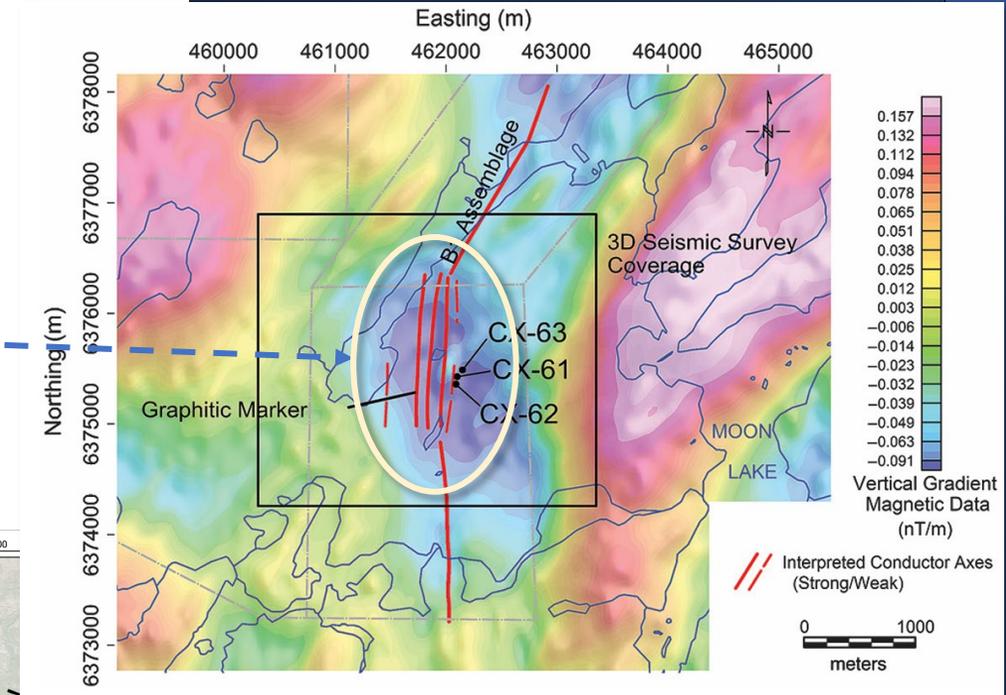
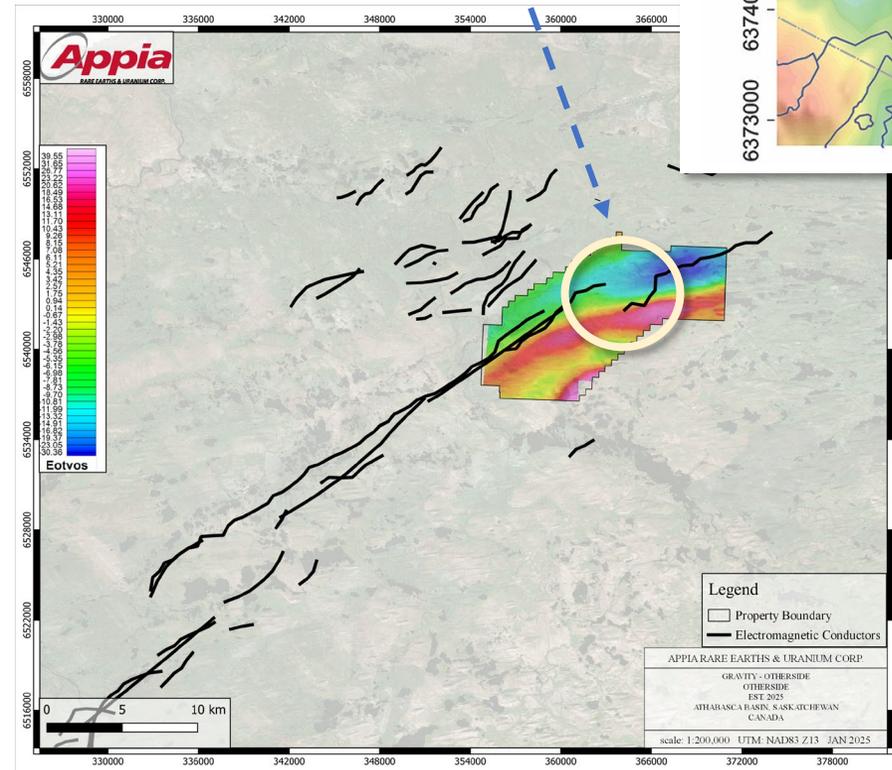
## Tonnage

- ~75.9 Mlb Indicated / 29.0 Mlb Inferred on a 100% basis—underscoring the scale of conductor-hosted systems

## Geophysical & Geological Parallels to Otherside

- Millennium is a classic unconformity-associated uranium deposit developed along a graphitic, broken conductor—Otherside's "bent/broken" EM trend expresses similarities with a major bend and magnetic low demarcating a key complex structural break with mineralization potential.

**Near-identical Signature:** Cameco's Millennium Deposit and Appia's Otherside Property both sit within magnetic lows at EM conductor breaks—a compelling match that supports discovery potential.



**Source:** "An interpretation of surface and borehole seismic surveys for mine planning at the Millennium uranium deposit, northern Saskatchewan, Canada". Wood, G. et al. 2012

# Similarities with Denison Mine's “Phoenix” Deposit

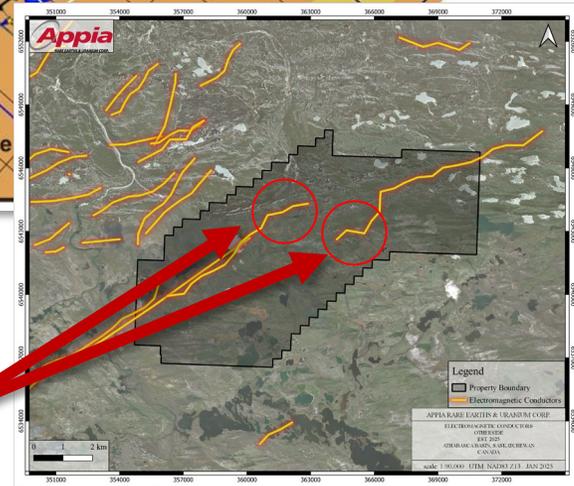
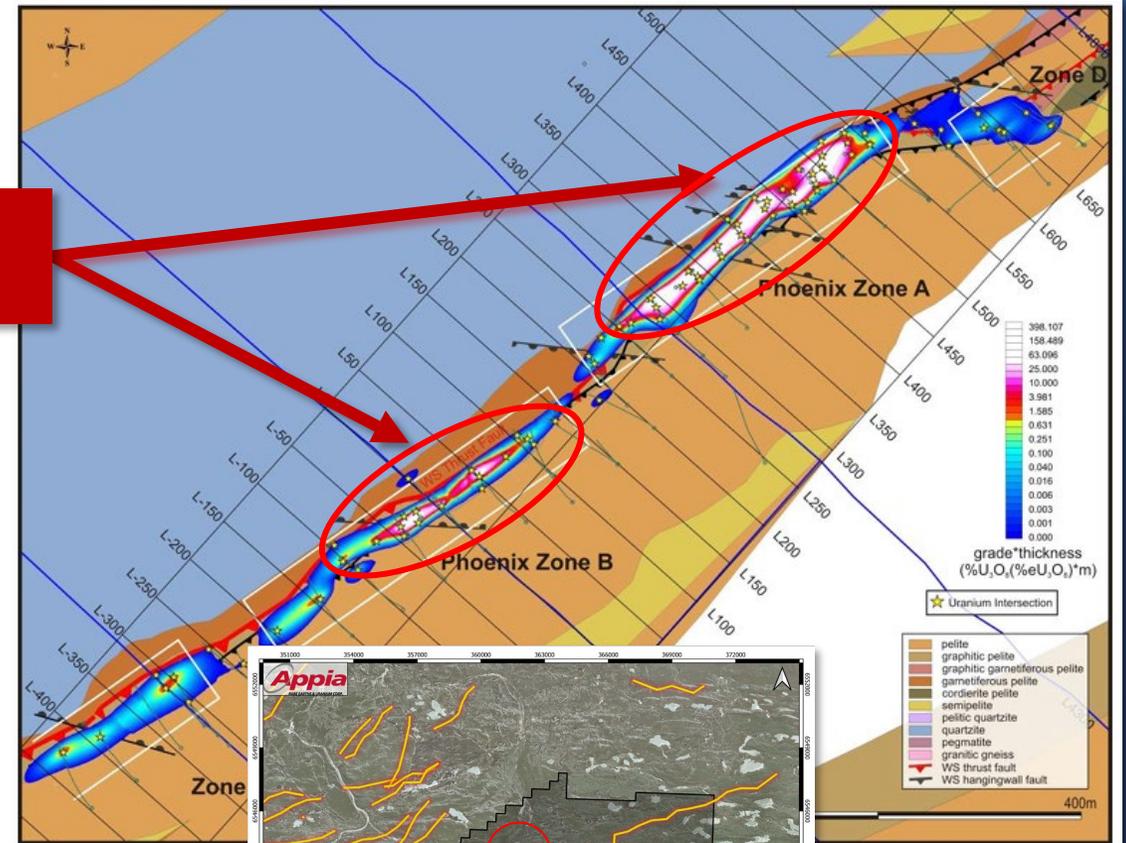
## Phoenix Deposit:

- A bent, 1.2 km electromagnetic conductor with multiple zones of high-grade uranium.
- 56.7 million lbs U<sub>3</sub>O<sub>8</sub> in Proven and Probable mineral reserves at an average grade of 11.6% U<sub>3</sub>O<sub>8</sub>.  
70.5 million lbs U<sub>3</sub>O<sub>8</sub> in Measured and Indicated mineral resources at an average grade of 11.4% U<sub>3</sub>O<sub>8</sub>

Uranium deposition within/near bends

The Otherside Property expresses structural geophysical signatures to that of Phoenix, highlighting the uranium exploration potential.

Potentially similar structure at Otherside “bends”



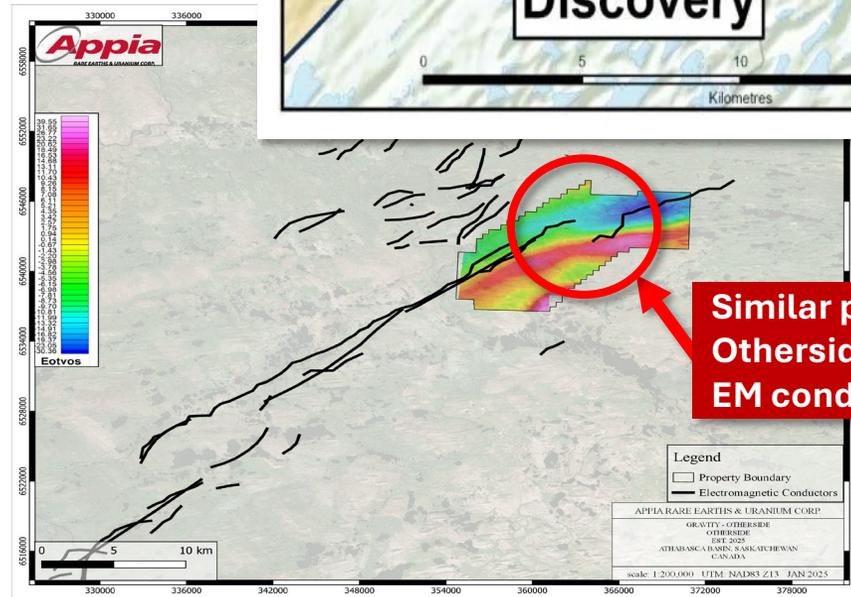
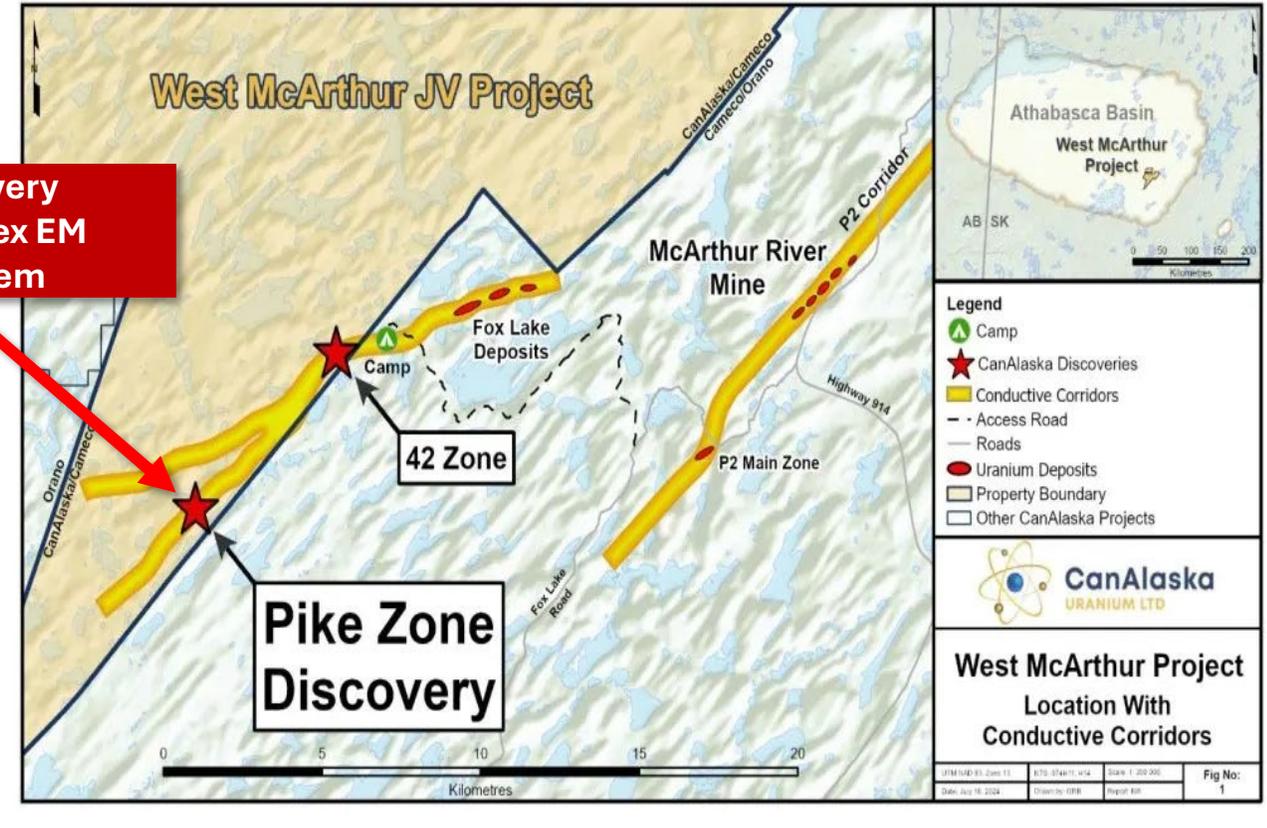
# Similarities with Cameco's/CanAlaska's "Pike" Zone

## Pike Zone:

- High-grade uranium discovery on CanAlaska and Cameco's West McArthur Project in the eastern Athabasca Basin.
- Multiple high-grade uranium intercepts, including 14.5 m at 9.9% U<sub>3</sub>O<sub>8</sub>, 9.6 m at 14.9% U<sub>3</sub>O<sub>8</sub>, and assays up to 85.4% U<sub>3</sub>O<sub>8</sub>.
- Mineralization approximately 500 m along strike, including a circa 140 m ultra high-grade core, with the system remaining open in both directions and into the basement complex.

The Pike Zone shows how systematically drilling a faulted conductive corridor with strong heterogeneous structure and alteration can result in a significant high grade uranium discovery, thus supporting the mineralization potential for similar Athabasca properties like Otherside.

**Uranium discovery within a complex EM conductor system**



**Similar potential at Otherside's complex EM conductor system**

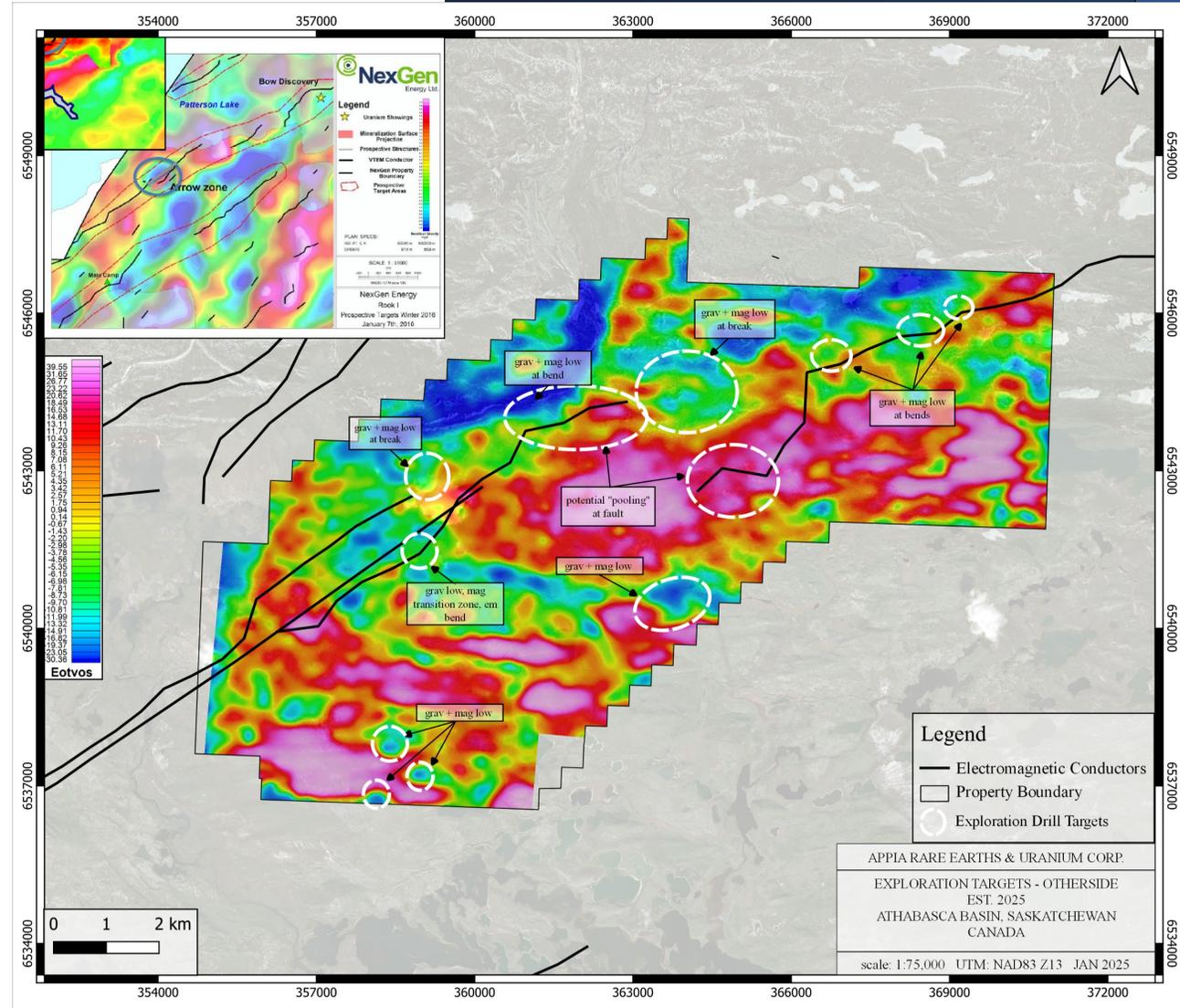
Source: <https://mining.com.au/canalaska-hits-ultra-high-grade-uranium-at-pike/Cameco Press Release>.

# Our Exploration Strategy

Using historical and current data, Appia has delineated several key drilling targets within the Otherside property.

## Methods used for Drill Targeting:

- Adopting the Basin uranium exploration model to target zones for high-grade uranium deposits.
- Identifying gravity + magnetic low anomalies that may indicate alteration halos, suggesting potential zones of uranium mineralization.
- Integrating and interpreting these geophysical/geological anomalies within the large, broken/bent electromagnetic (EM) conductor enhances the targeting potential for discovering uranium along fluid pathways and identifying new mineralization zones.



*Potential drill targets within gravity anomalies, Mar 2026 – Appia REU*

# Next Steps

Refine Anomalies, 3D Model, and Drill Hole Testing:

## Ground Magnetotellurics (MT) Survey (ongoing March 2026):

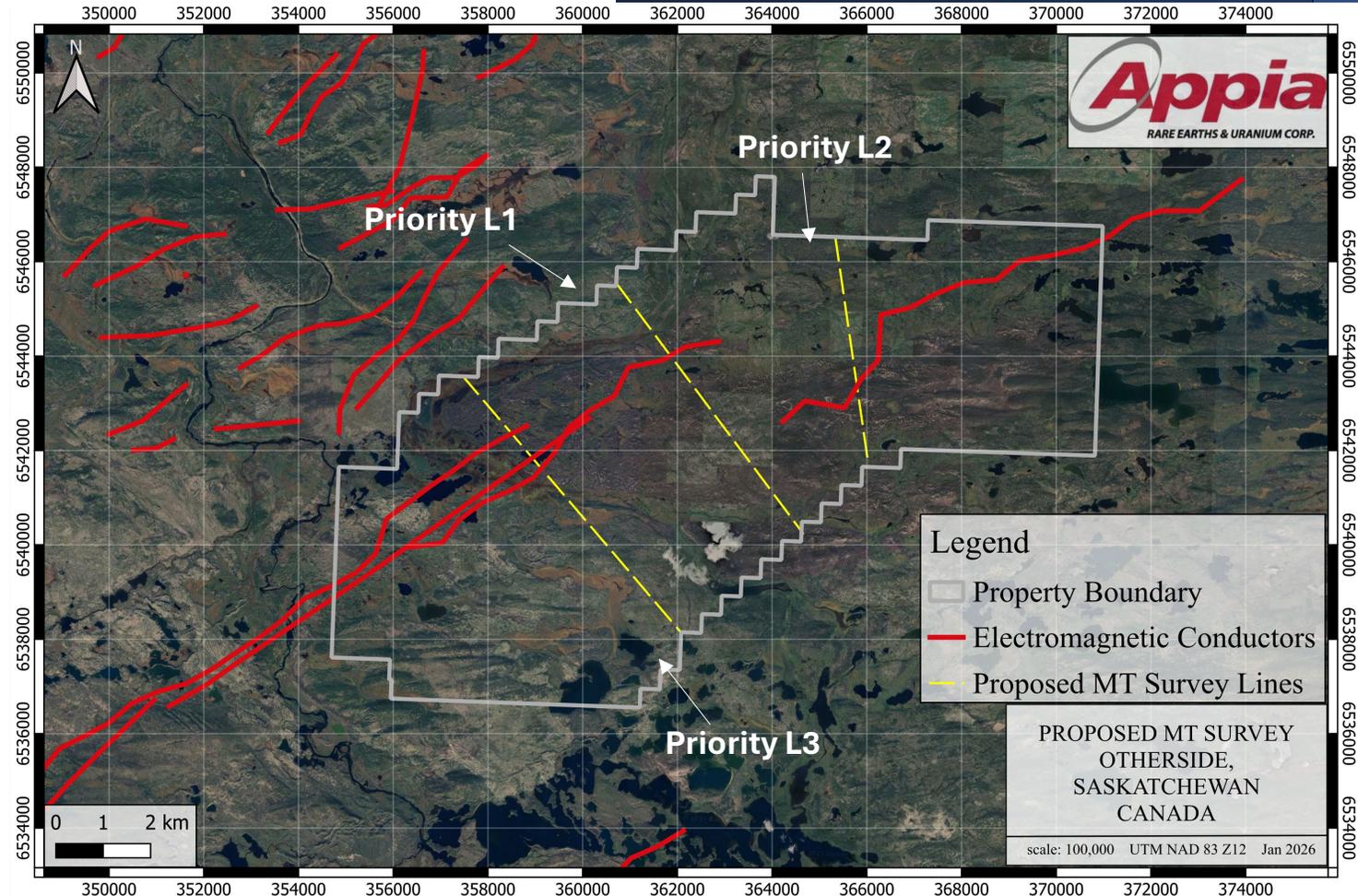
- This survey will enhance the resolution of current geophysical anomalies discovered in Appia's geophysical data sets, thus increasing drill hole selection accuracy.

## 3-Dimensional Interpretative Modeling:

- Model the property's geophysical characteristics to highlight structural controls for uranium deposition and select priority targets for drill hole testing.

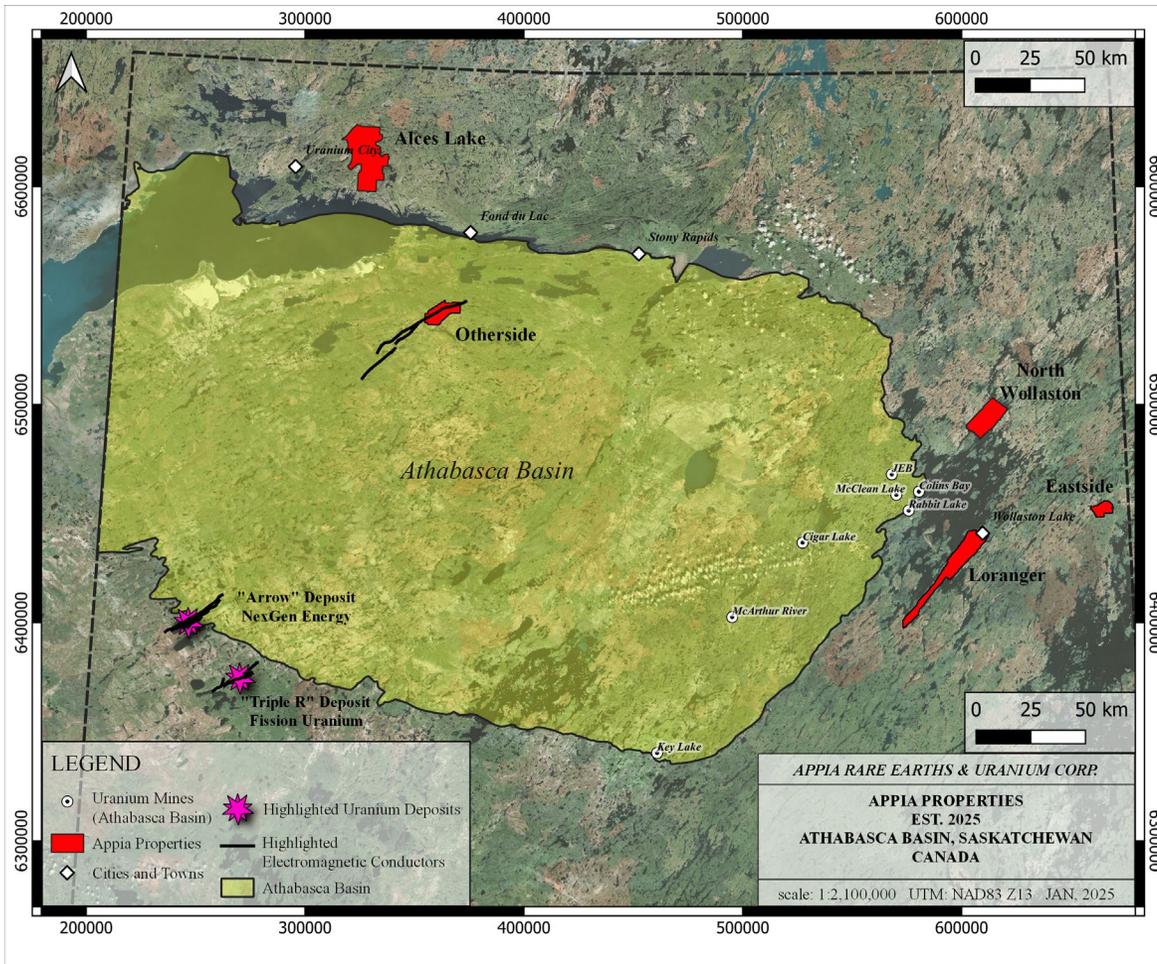
## Diamond Drilling:

- Execute diamond drill hole campaign to test potential for high-grade uranium discoveries in late 2026 –2027.



*Proposed MT Survey, Mar 2026 – Appia REU*

# Appia's Other Uranium Projects: Athabasca Basin Area



## Loranger Uranium Project

- Near surface uranium discovered in drill core up to 0.066 wt.% U<sub>3</sub>O<sub>8</sub> ([Press Release](#)).
- Located near Cameco's Rabbit Lake uranium mill and Eagle Point mine operations.

## Eastside Uranium Project

- Located in Saskatchewan's "Hearne Craton", host to several high-grade uranium mines, including McArthur River, Cigar Lake, and Key Lake.
- Multiple uranium and rare earth element samples discovered on the property ([Press Release](#)) characteristic of Athabasca high-grade basement-hosted uranium deposits.

## North Wollaston Uranium Project

- Substantial geological and geophysical exploration from 1978 to 1984 .
- Numerous surface boulder clusters discovered with elevated U<sub>3</sub>O<sub>8</sub>.
- Geologic and electromagnetics characteristics suggesting potential for subsurface uranium deposits.

# Meet the Team



**Anastasios (Tom)  
Drivas**

**Chief Executive Officer,  
Director**

Business entrepreneur with over 30 years of experience in various industries, including over 20 years in the mineral resource industry.



**Brian Crawford**

**Chief Financial Officer**

Seasoned financial executive with extensive experience in public and private companies and as a partner in a national CPA firm. He currently serves on multiple Canadian public company boards.



**Jason Bagg**

**Vice President, Corp.  
Development**

25 years of experience in the finance, and mining sectors. Serves on multiple junior mining boards and is CEO of Urano Energy Corp. and Puranium Energy Ltd., listed on the CSE.



**Dr. Irvine R. Annesley,  
P.Ge.**

**Sr. Exploration Advisor**

40+ years' experience in uranium, gold and base-metal exploration. An Appia advisor since 2016, Emeritus ENSG (Université de Lorraine) Professor, Adjunct Professor at the University of Saskatchewan, and former JNR Resources exploration director.



**Constantine  
Karayannopoulos**

**Sr. Technical Advisor**

30 years of expertise and leadership at NEO Performance Materials as COO, CEO, Chairman of the Board and CEO again from 2020-2023.

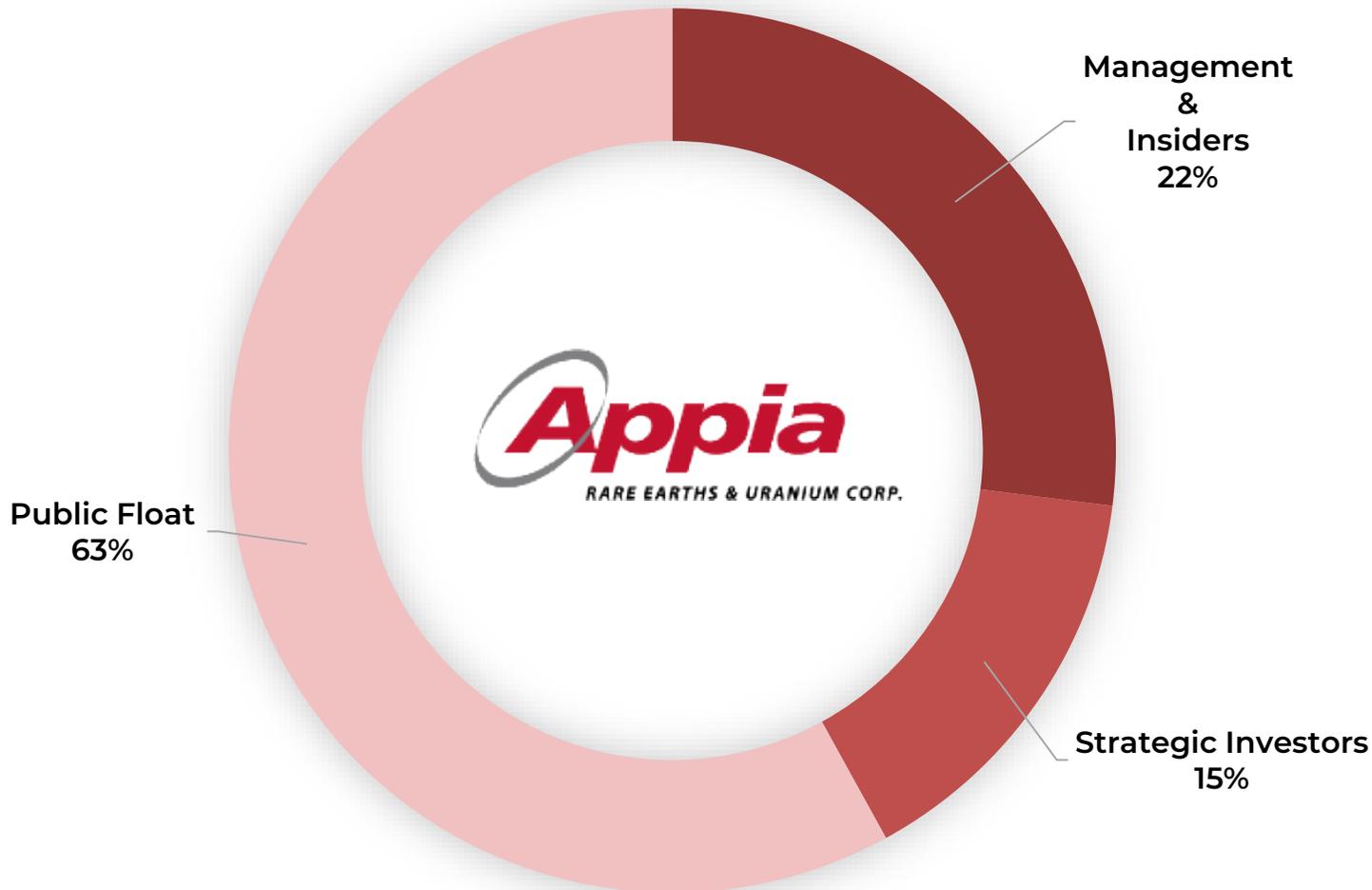


**John Goode, P. Eng.**

**Sr. Technical Advisor**

Specializing in process design and optimization, John is a Metallurgical Consultant and world-renowned metallurgist with decades of experience in rare earth and specialty metals.

# Capital Structure



**Shares outstanding:** ~194.9M

**Fully diluted:** ~206.8M

**Cash:** C\$5.7M

**Debt:** Zero

**Market Capitalization:** approx. \$42.871M (as of Feb. 24, 2026.  
Source: Yahoo Finance)

**Insider ownership and Strategic Investors:** > 37%

**52 Week High/Low:** C\$0.62 / \$0.08



**CSE: API | OTCQB: APAAF | FWB: A010 | MUN: A010 | BER: A010**

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