

*“Otherside”  
Uranium Exploration  
Campaign, 2025*



# 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.

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# Objective

The goal of this Investor's Presentation is to provide a comprehensive overview of Appia's exploration strategy for the **Otherside 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 test these targets with strategic diamond drilling to validate their potential for **high-grade uranium deposits**.

# Management & Governance

- **Anastasios(Tom) Drivas | CEO & Director**
- Tom Drivas is a business entrepreneur with over 30 years of experience in various industries, including over 20 years in the mineral resource industry and is also currently a Director of Romios Gold Resources Inc., a publicly traded company he founded in 1995.
  
- **Stephen Burega | President**
- The newest member of the Appia team, Stephen took over as President in January 2023. Stephen brings 16 years of management and operations experience in the mining and natural resources sectors including corporate development and fundraising; joint venture due diligence, structure and negotiations; and management of public markets.
  
- **Brian Crawford | CFO | CPA, CA**
- Brian Crawford CPA, CA has extensive experience as a financial executive. A graduate of the University of Toronto and a former partner with BDO Canada LLP, Brian co-founded and built several public companies currently listed on the TSXV and the CSE. Brian has extensive experience as CFO and as a director of private and public companies and currently serves as CFO and Director of several public companies.
  
- **Andre Costa | Vice President Exploration | FAIG, M.Sc.m P.Geo**
- André Costa holds a B.Sc. in Geology (1993) and a M.Sc. in Economic Geology (1996), both from the Federal University of Brasília. He has 30 years of work experience in mineral exploration for diamond, phosphate, potash, REE, copper, lithium, gold, and petroleum. He has also 9 years of work experience in diamond, uranium, potash, petroleum and gold exploration in Canada.
  
- **Don Hains | Consulting Geologist, REE & Critical Minerals Advisor | P.Geo**
- President of Hains Engineering Company Limited. He is an industrial minerals exploration and economic geologist and marketing specialist with more than 40 years of experience in development, use and analysis of industrial minerals properties and materials.
  
- **Antonio Vitor | Country Manager, Brazil**
- Antonio is a senior executive holding a degree in Administration from Unyahna in 2004. He furthered his education by successfully completing an MBA in 2021 and maintains an active membership with IBGC (Brazilian Institute of Corporate Governance).

# About Appia

## Company Focus:

- Rare earth elements & uranium exploration.

## Project Portfolio:

### • Athabasca Basin, Saskatchewan (94,982.39 ha total)

- Uranium: Otherside (10,441.88 ha)
- Uranium & REE:
  - Alces Lake (38,522.43 ha)
  - North Wollaston (16,681.49 ha)
  - Loranger (26,408.84 ha)
  - Eastside (4,933.47 ha)

### • Elliot Lake Camp, Ontario (13,008 ha)

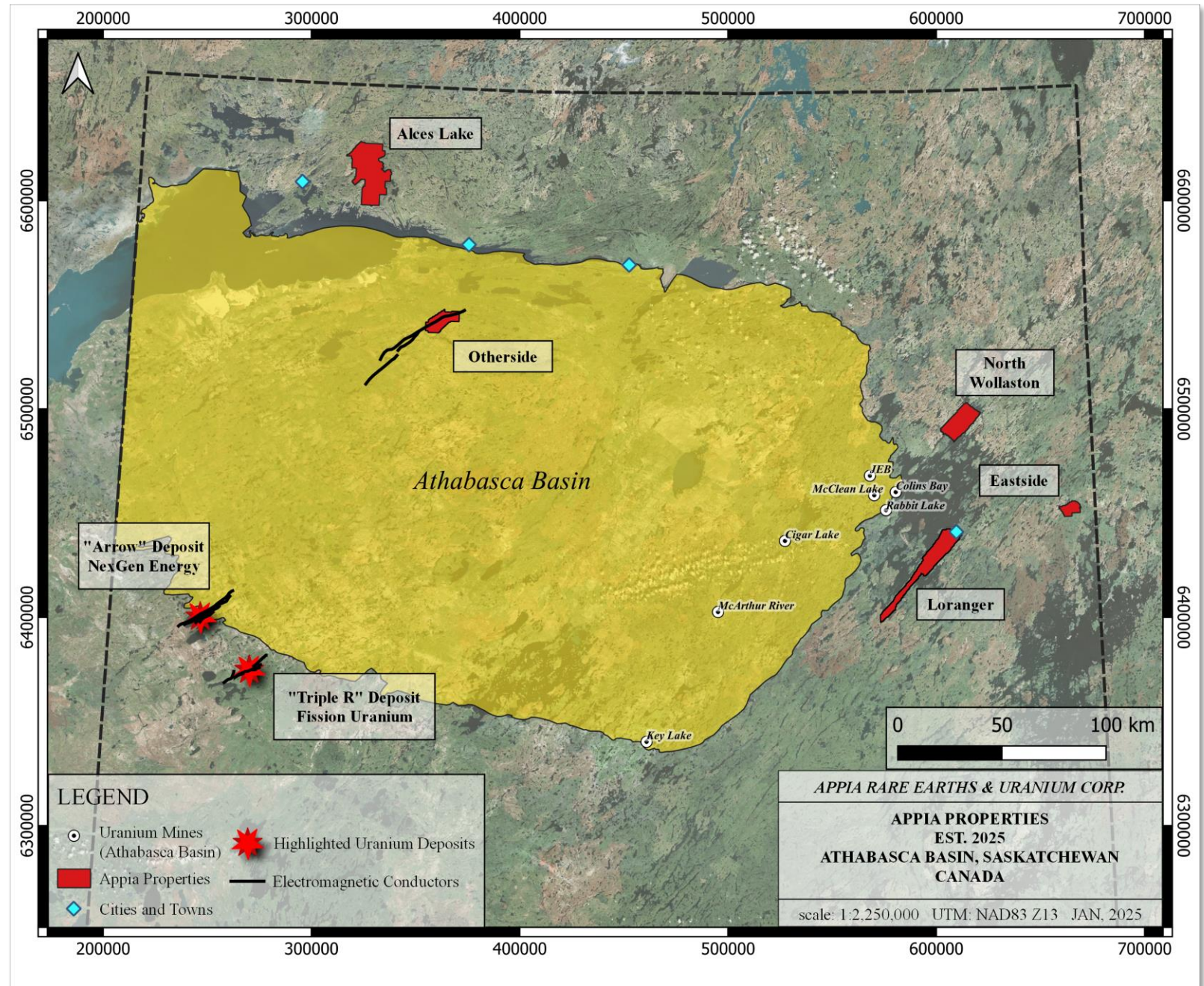
- 100% owned rare earth & uranium deposits

### • Brazil (Goiás State) (40,963.18 ha)

- Up to 70% interest in PCH Ionic Adsorption Clay

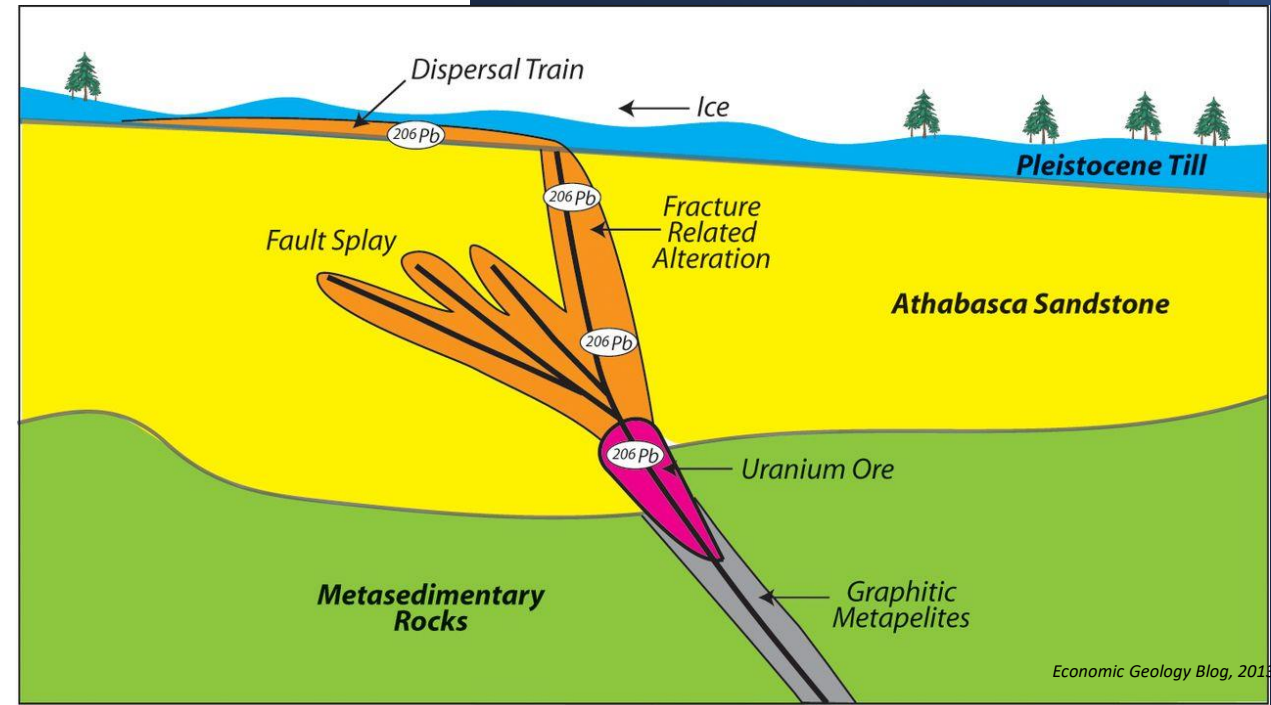
## Financials:

- 153M common shares outstanding
- 177M fully diluted shares



# 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**.
- **How Uranium Forms:**
  - **Step 1:** Oxidizing fluids leach uranium from the basement rocks and travel upwards.
  - **Step 2:** As the fluids ascend, they interact with gases, liquids, and rocks. These chemical interactions create **alteration zones** and **deposit high-grade uranium** at the Basin's unconformity.



# Geophysics as an Exploration Guide

## Geophysical Exploration Tools:

- Gravity
- Magnetics
- Electromagnetics (EM)

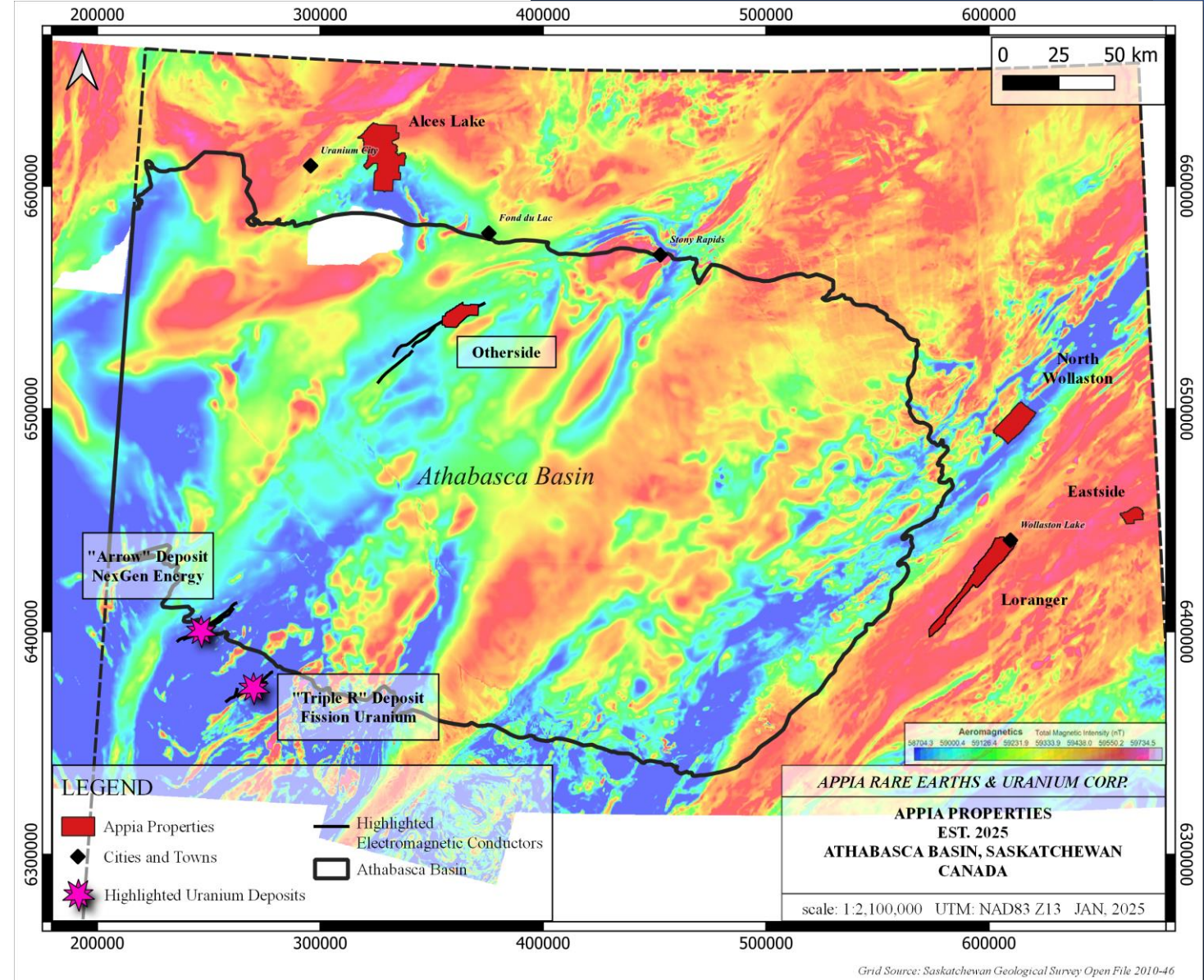
## Gravity & EM:

- **Gravity low anomalies** often signal the presence of less dense, hydrothermally altered minerals. These are **prime candidates for uranium deposition**.
- Hydrothermal fluids require pathways for movement:
  - “Bent”, **electromagnetic fault conductors** where fluids can **pool** and deposit.
  - **Major Athabasca Basin uranium deposits are associated with a bent” EM conductor.**
    - NexGen Energy’s “**Arrow**”.
    - Paladin Energy’s (NexGen) “**Triple R**”.
    - Cameco’s “**Centennial**”.
    - Dennison Mine’s “**Phoenix**”.

## Magnetics:

- **Magnetic low anomalies** may suggest the presence of non-magnetic materials like **altered rocks** commonly linked with uranium mineralization.

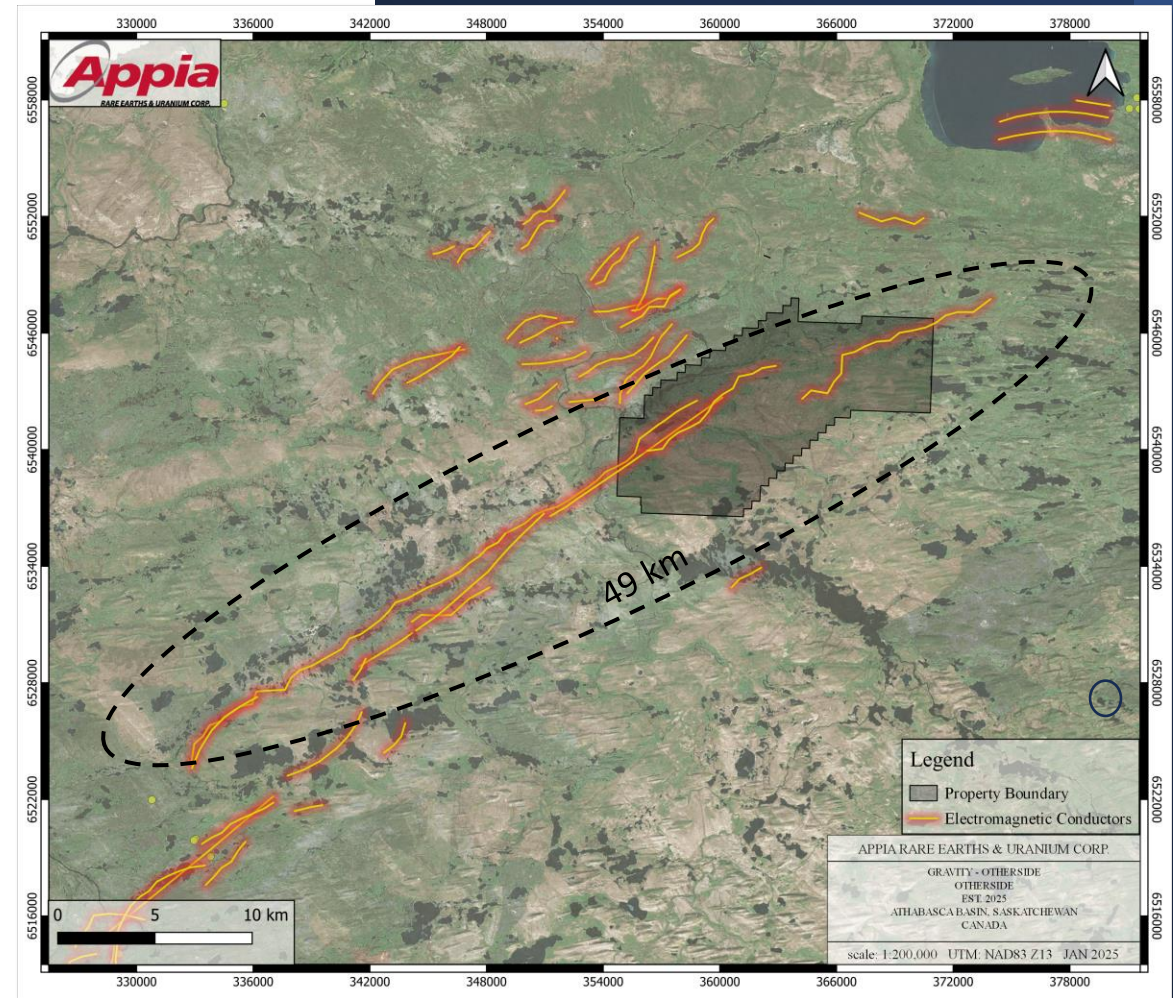
The correlation of these three anomalies **significantly enhances** the potential for discovering new uranium deposits.



# Geophysics as an Exploration Guide

The Otherside property sits on a massive, **49 km**, “**bent**” electromagnetic fault conductor with multiple **gravity and magnetic low** anomalies.

This conductor **exceeds the size** of many EM conductors associated with the popular, high-grade uranium deposits in the Athabasca Basin.



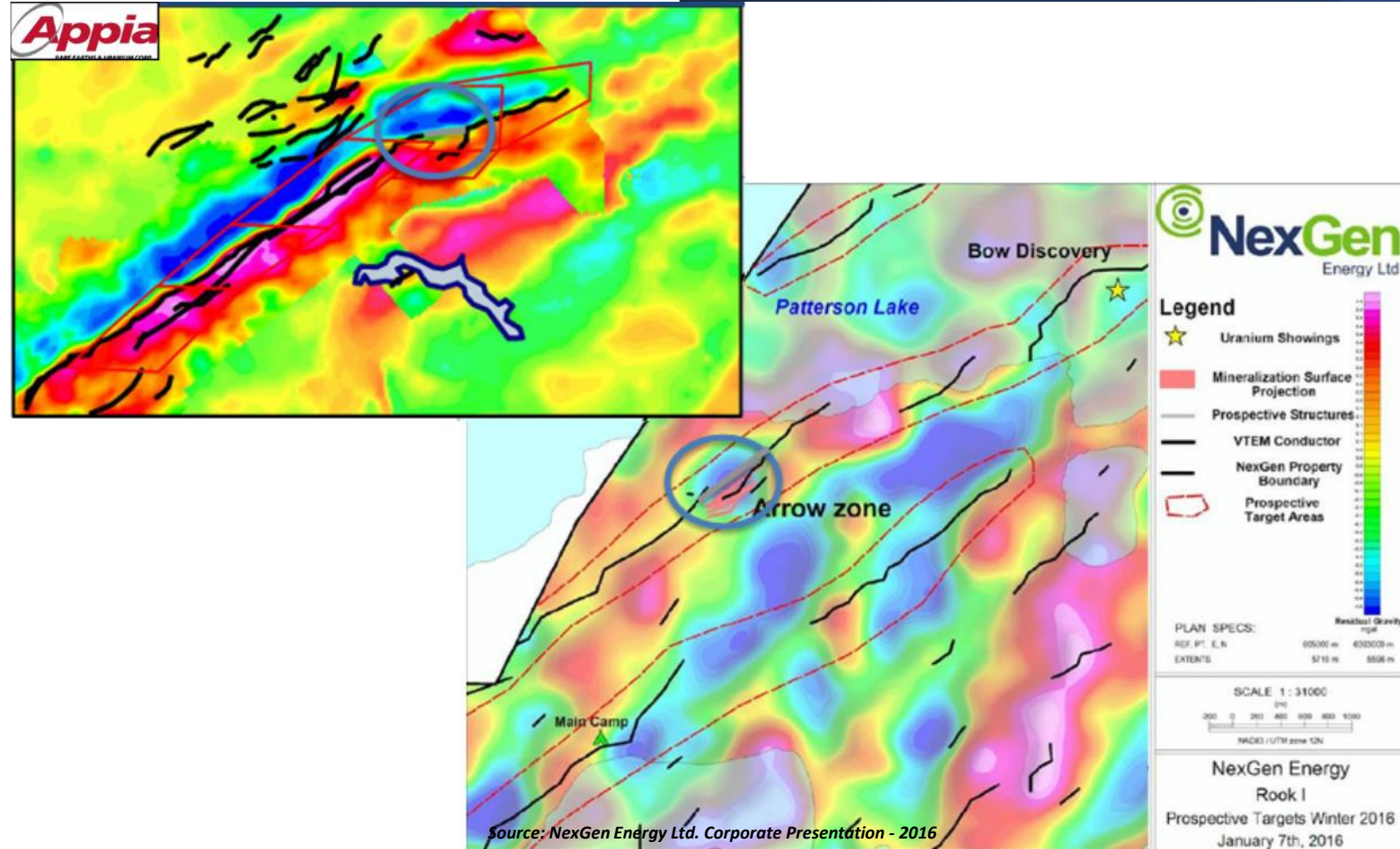


# Similarities with NexGen Energy's "Arrow" Deposit

- NexGen Energy Ltd's "**Arrow**" deposit (Athabasca Basin of Saskatchewan, Canada) 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.

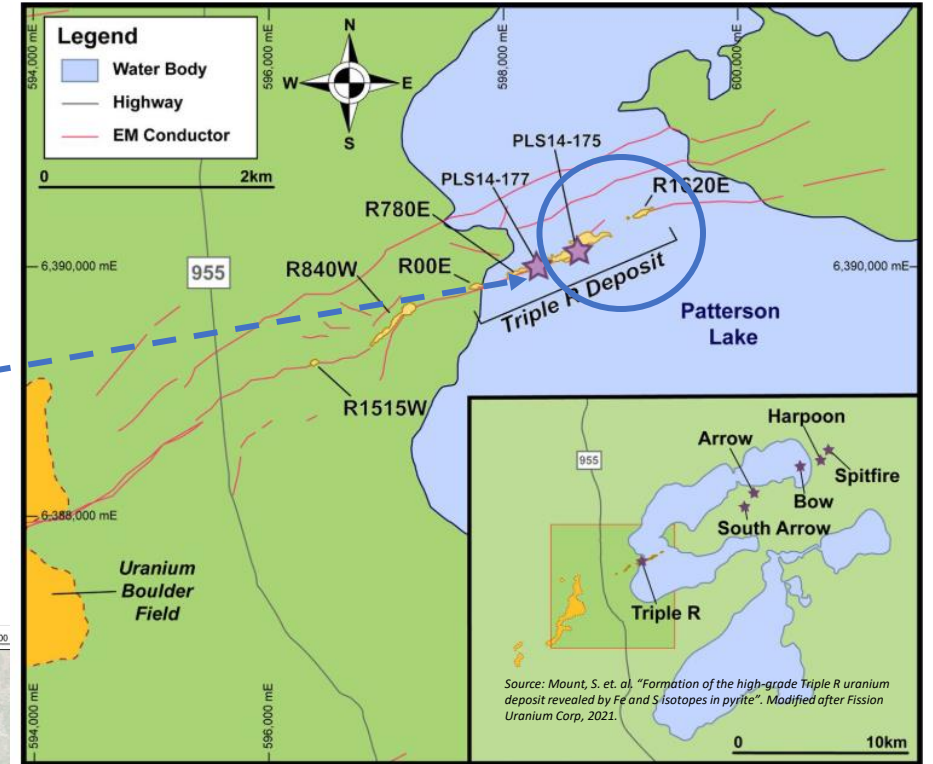
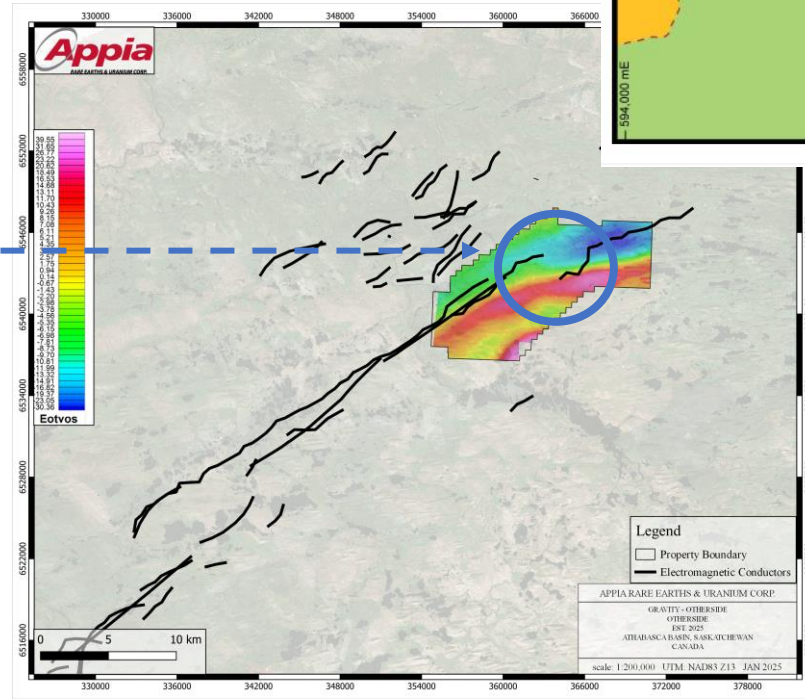


# Similarities with Paladin Energy (NexGen) “Triple R” Deposit

Paladin Energy’s (NexGen) “Triple R” deposit is a 3.18 km, high-grade uranium deposit also found within a **faulted electromagnetic conductor**.

Triple R’s structural setting is nearly identical to that at Otherside’s.

Massive potential at the breaks and bends.



Source: Mount, S. et al. "Formation of the high-grade Triple R uranium deposit revealed by Fe and S isotopes in pyrite". Modified after Fission Uranium Corp, 2021.

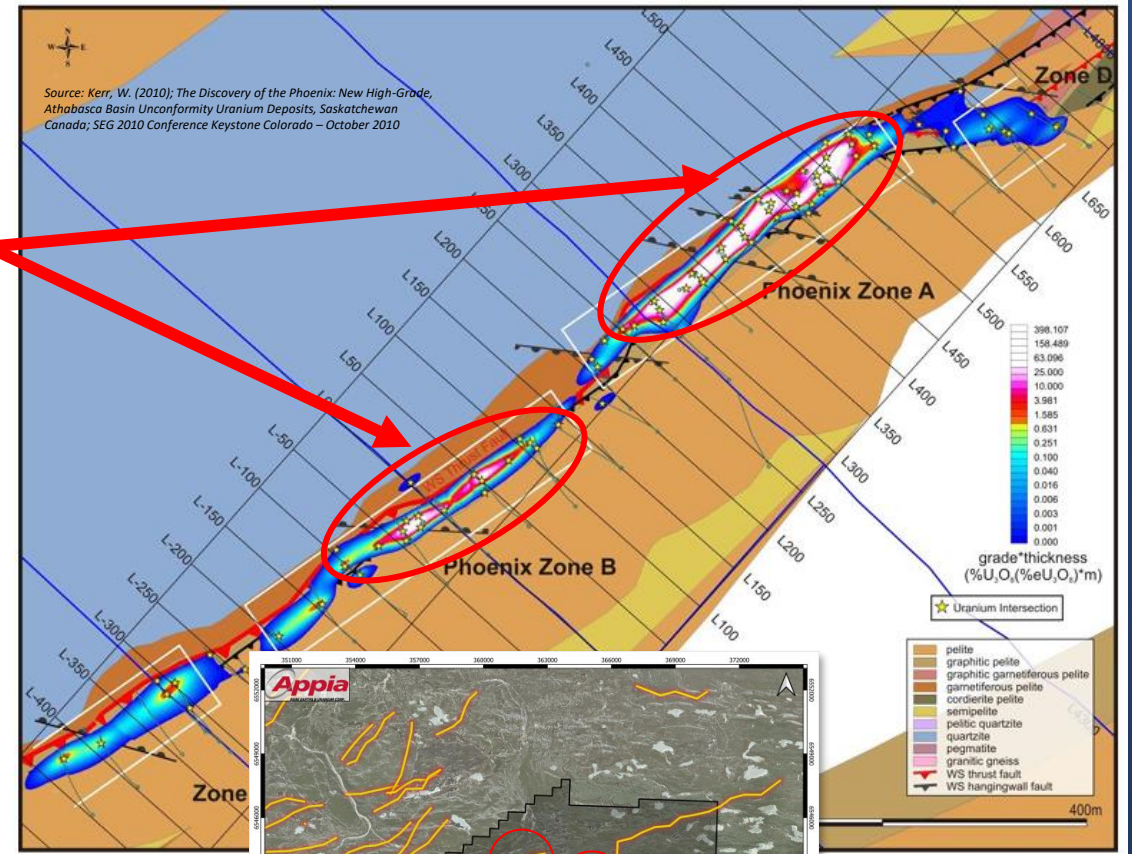
# Similarities with Dennison Mine's "Phoenix" Deposit

## Phoenix Deposit:

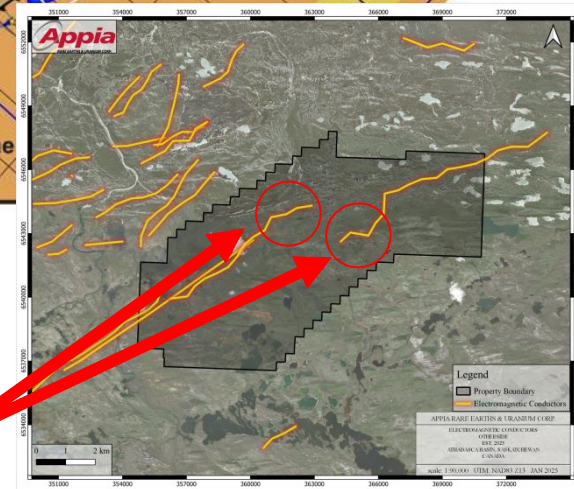
- A bent, 1.2 km electromagnetic conductor with multiple zones of high-grade uranium.
- 132.1 million pounds of U<sub>3</sub>O<sub>8</sub> (average 3.3% U<sub>3</sub>O<sub>8</sub>) and combined 3.0 million pounds of U<sub>3</sub>O<sub>8</sub> (average 1.7% U<sub>3</sub>O<sub>8</sub>).

Otherside shows similar structural signatures to Phoenix, but on a **much larger EM conductor (18 km vs. 1.2 km)**... **Blue-sky potential!**

Uranium "pooling" near bends

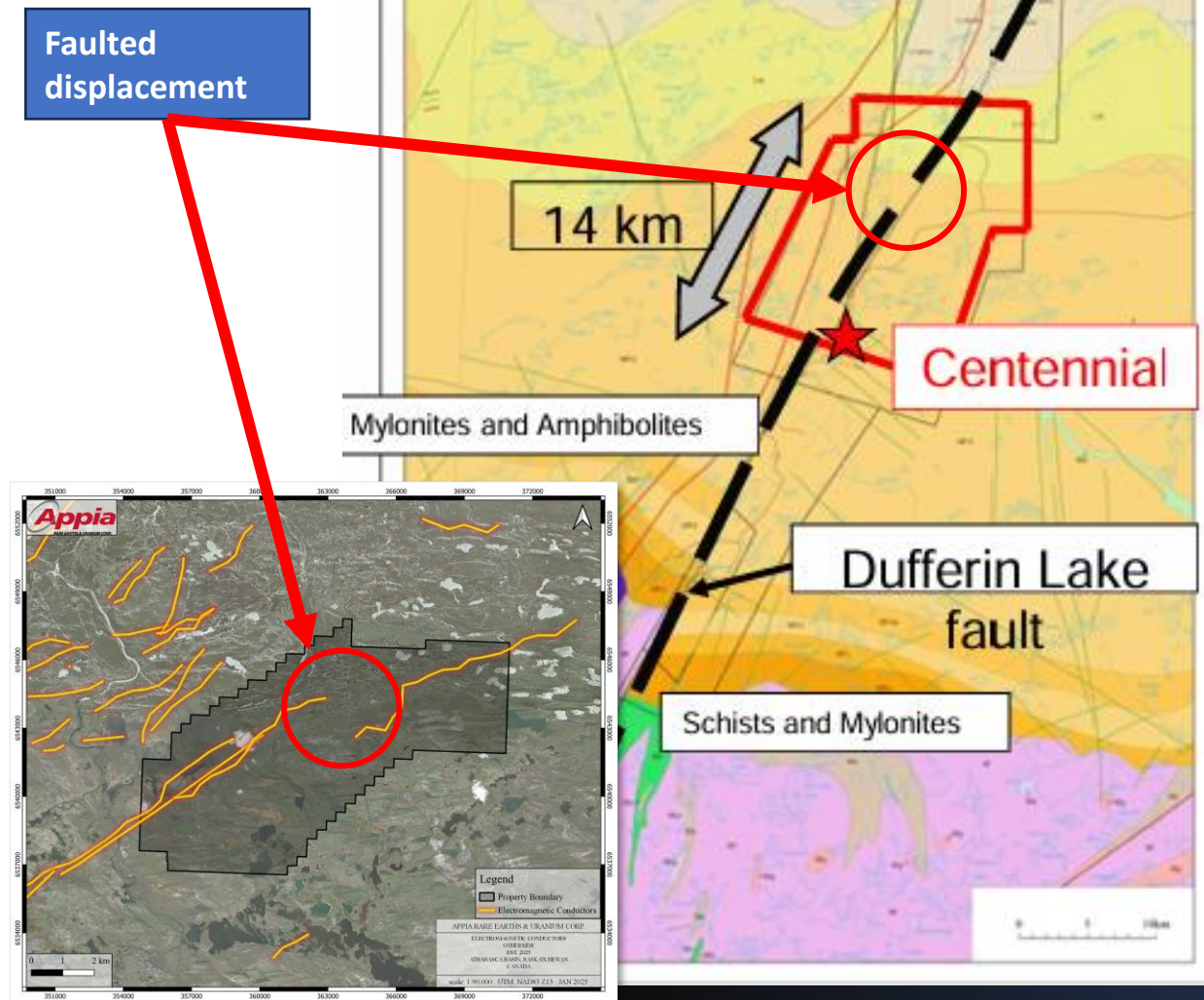


Same structure at Otherside "bends"



# Similarities to the Centennial Deposit

- The “Virgin River Project” comprises 14 km along the Virgin River Shear Zone.
- The “Duffin Lake Fault”, where Centennial was discovered, displays **similar fault-like displacement** to the EM conductor on Appia’s Otherside Property.

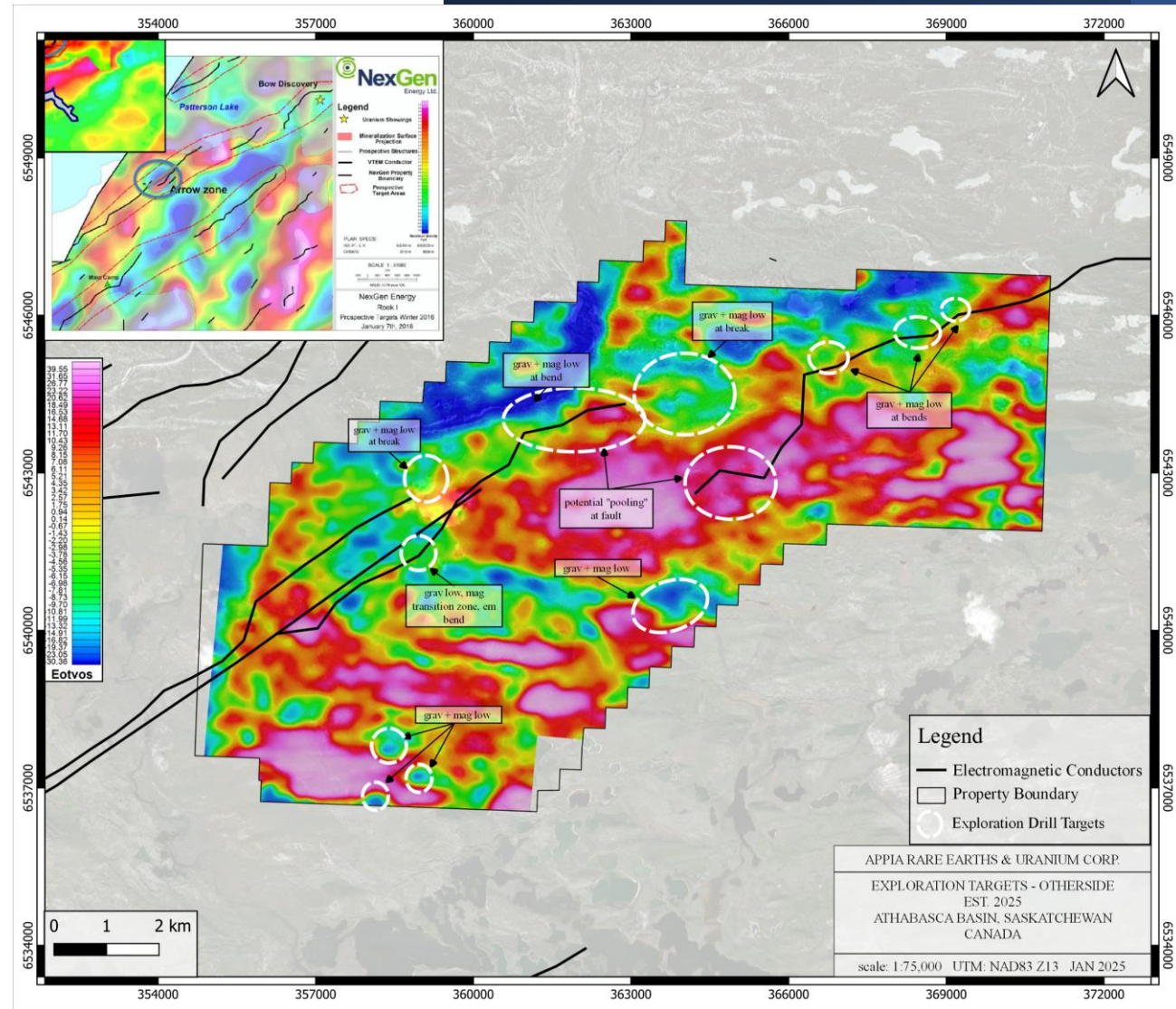


# Our Exploration Strategy

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

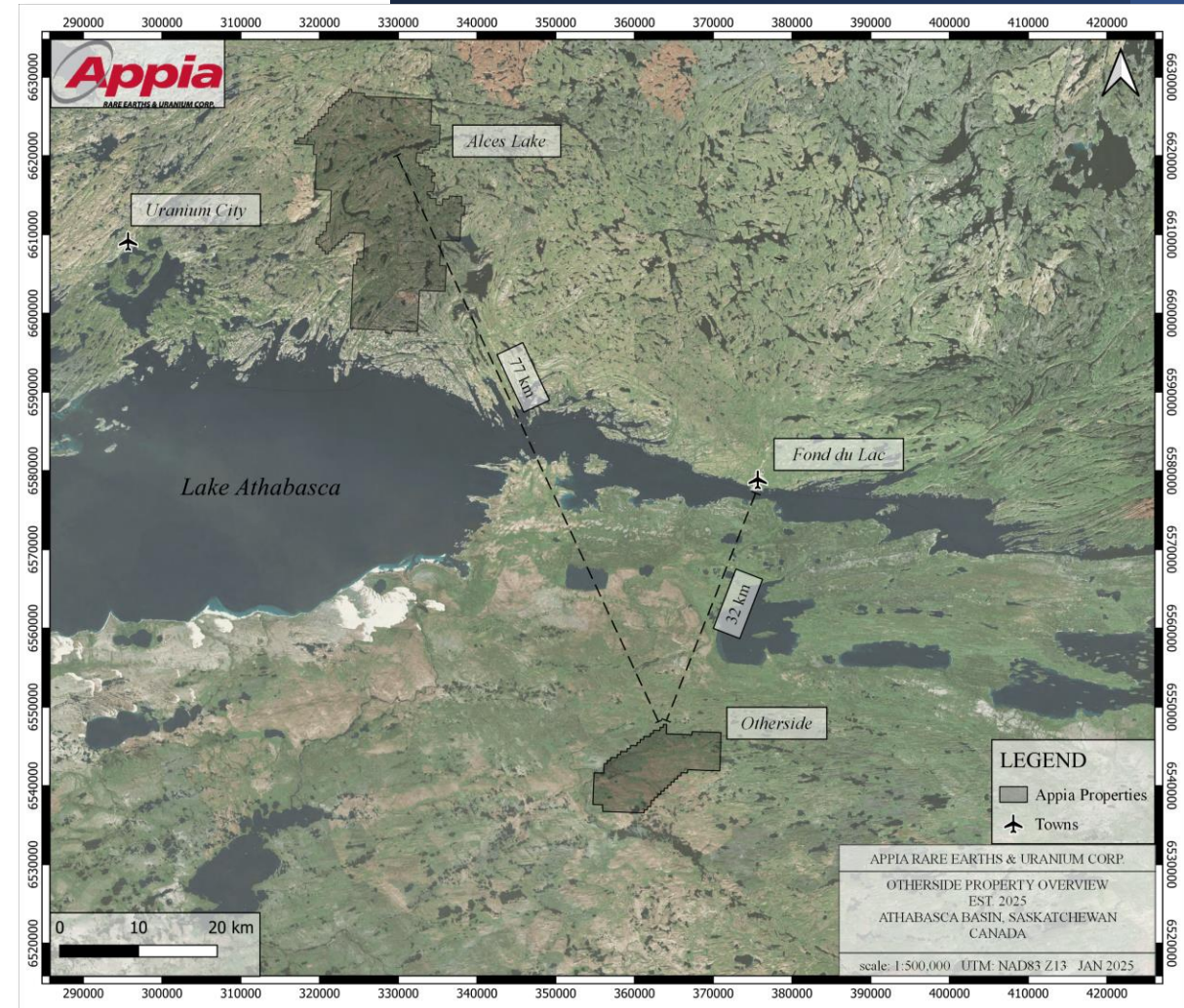
## Methods used for Drill Targeting:

- Adopting the **Basin uranium exploration model** to target zones for high-grade uranium deposits.
- Identifying **gravity low anomalies** that may indicate **alteration halos**, suggesting zones of uranium mineralization.
- Detecting **magnetic low anomalies** where clay-rich alteration may lie.
- **Combining** these geological anomalies with the large, faulted electromagnetic (EM) conductor, enhancing the likelihood of discovering uranium along fluid pathways and pooling zones.



# Program Logistics

- On-site exploration may commence as early as spring 2025 once weather conditions become favorable for operations.
- Appia plans to stage their operations from Fond du Lac, Saskatchewan, continuing their strong partnership with the Athabasca First Nations.
- Secondary options include constructing a temporary camp on the Otherside property or using Appia's nearby "Alces Lake" all-season camp.



# Next Steps

## Refinement Methods and Drill Hole Testing:

- 1. Advanced Reprocessing of Survey Data:** This will enhance the resolution and reduce the noise in the current geophysical data.
- 2. 3-Dimensional Interpretative Modeling:** model the property's geophysical characteristics to highlight structural controls and geological formations favorable for uranium and other mineral depositions.
- 3. Ground Geophysical Surveying:** Tight-spaced surveying over high-priority targets to further refine their locations.
- 4. Diamond Drilling:** To test predictions for **high-grade uranium discoveries**.

