



***Otherside Uranium Property
Targeting a McArthur River Style
Discovery in Saskatchewan's Athabasca
Basin***

CSE: API | OTCQX: APAAF | FWB: A010 | MUN: A010 | BER: A010



May 2026

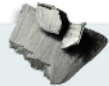
Forward Looking Statement



U 92
Uranium
238.029



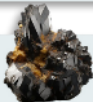
Nd 60
Neodymium
144.24



Pr 59
Praseodymium
140.908



Dy 66
Dysprosium
162.50



Tb 65
Terbium
158.93

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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.

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.



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

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.



Robert Hearst

Sr. Geophysical Advisor

40+ years' experience in consulting in uranium, gold, base metal and hydrocarbon exploration. Principal Geophysicist at Convolutions Geoscience. Former Chief Geophysicist at AREVA Canada (now Orano); Past President PGO.



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.



**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.

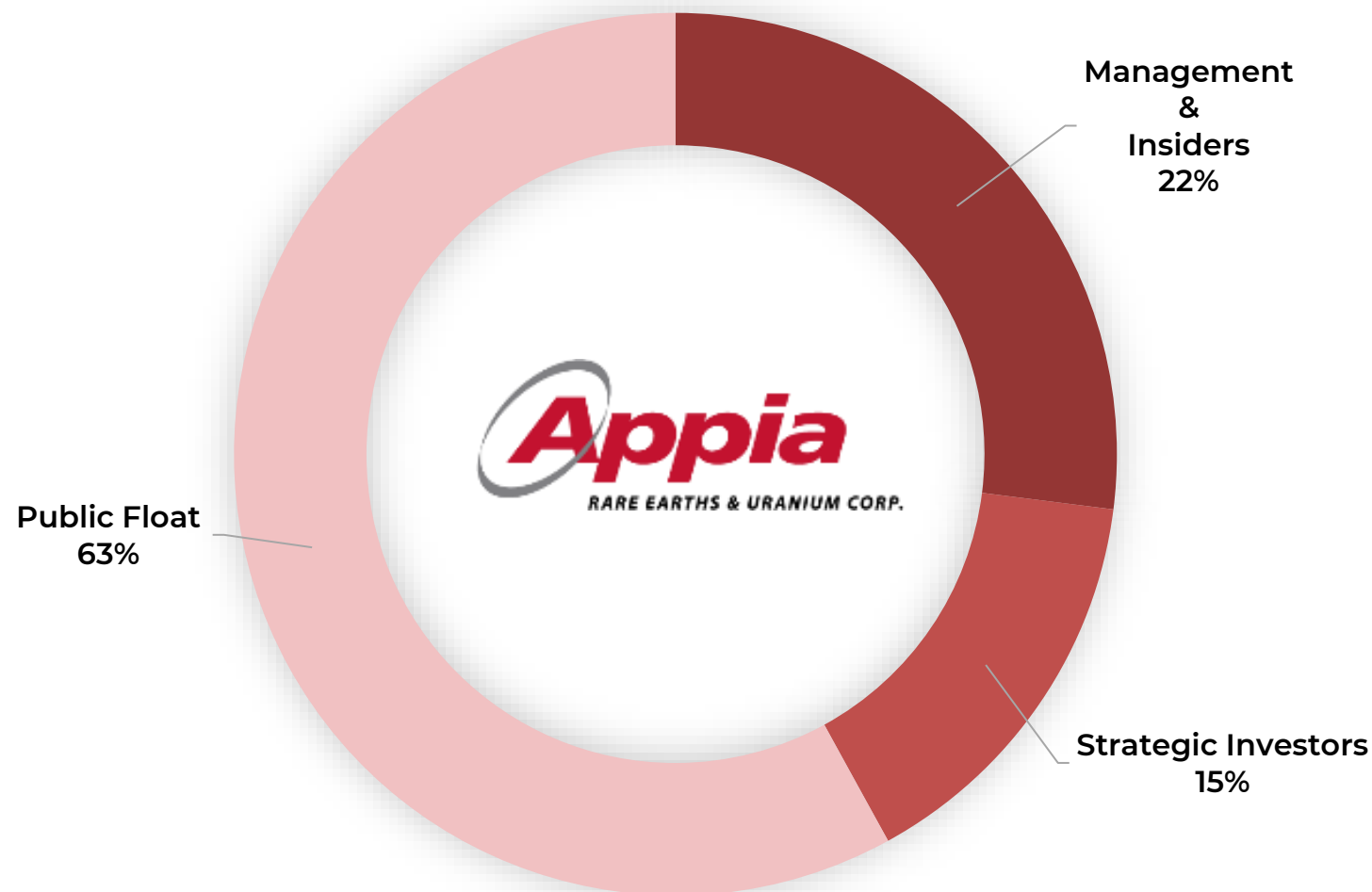


John Goode, P. Eng.

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

Appia offers investors diversified exposure to critical rare earth elements and uranium across Saskatchewan's Athabasca Basin, Ontario, and Brazil, combining high-grade discovery upside, established resource exposure, and funded Brazilian REE growth.

Uranium: Otherside

Saskatchewan, Canada | 100% Owned

- Structural setting similar to the high-grade **McArthur River** deposit (346.5 Mlb U₃O₈ at 6.48% U₃O₈) support potential for significant uranium discovery
- 15,146 ha property with a 49 km EM conductor in Saskatchewan's Athabasca Basin.
- 5-year exploration & drilling permit valid to 2030.
- Several ground & airborne surveys complete.
- Drill-ready targets for 2026-2027.

Uranium: Athabasca Basin & Ontario

Canada | 100% Owned

- Ontario: **Elliot Lake** (Ontario): NI 43-101 mineral resource estimate totals over 55 M lb U₃O₈ and 180 M lb TREE. Infrastructure advantage, 58 km from Cameco's Blind River refining facility.
- **Eastside, North Wollaston, and Loranger** (Athabasca Basin) uranium properties 100% owned by Appia, adding further portfolio diversity with additional uranium exploration exposure
- Exploration permits in-hand for all four properties.

REE: Alces Lake

Saskatchewan, Canada | 100% Owned

- 38,522 ha high-grade monazite REE property with 9 at-surface discovery zones.
- Surface and drill core samples reported above 50% TREO, with magnet-critical Nd, Pr, Dy, Tb and Y exposure.
- Provincial fit with Saskatchewan's SRC Rare Earth Processing Facility.

REE: Ultra Hard Rock / IAC

Goiás, Brazil | 25% Interest

- Dual rare earth exposure through ionic adsorption clay and hard rock carbonatite mineralization.
- IAC MRE includes 6.6 Mt Indicated and 46.2 Mt Inferred, with fast extraction potential.
- Carbonatite discovery includes 300 m at 2.55% TREO from surface, including 1.7 m at 14.27% TREO.

Investor Takeaway

- Diversified exposure to two critical mineral markets: uranium and rare earth elements.
- Projects located in mining-friendly jurisdictions across Canada and Brazil.
- Critical Elements Exposure: Uranium, Neodymium, Praseodymium, Dysprosium, Terbium, Yttrium, Scandium, Niobium

Otherside Uranium Property Highlights

McArthur River Style Deposit Potential

Line 2 displays a deep conductive basement structure, interpreted faults, an unconformity break/offset, low magnetic response, and chimney-like alteration vectors similar to the high-grade McArthur River uranium deposit.

Large-Scale Conductor System

A 49 km EM conductor trend provides the size, structure, and geological pathway required for a major uranium system.

MT Survey Defined a Focused Priority Corridor

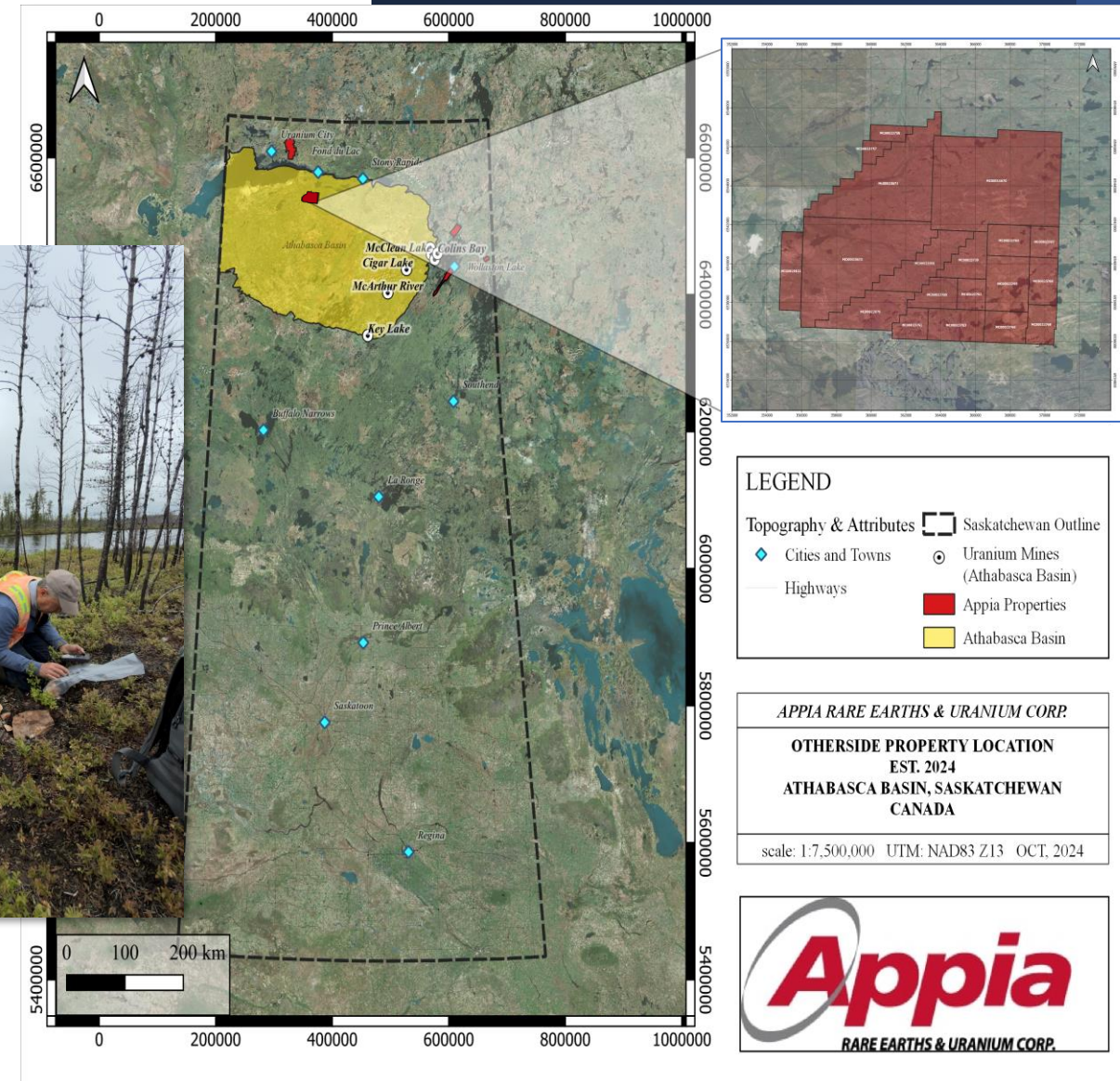
Line 2 has refined the central conductor break in Appia's highest-priority target area, centered on targets P-09, P-09A, and P-10.

Clear Next Step: Drill Testing

Additional MT refinement, 3D modelling, and diamond drilling are planned to test the highest-priority target corridor in 2026-2027.

100% Owned & Permitted Athabasca Basin Uranium Property

15,146.129 ha strategically positioned in one of the world's best jurisdictions for high-grade uranium discovery. 5-year exploration permit approved.



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.

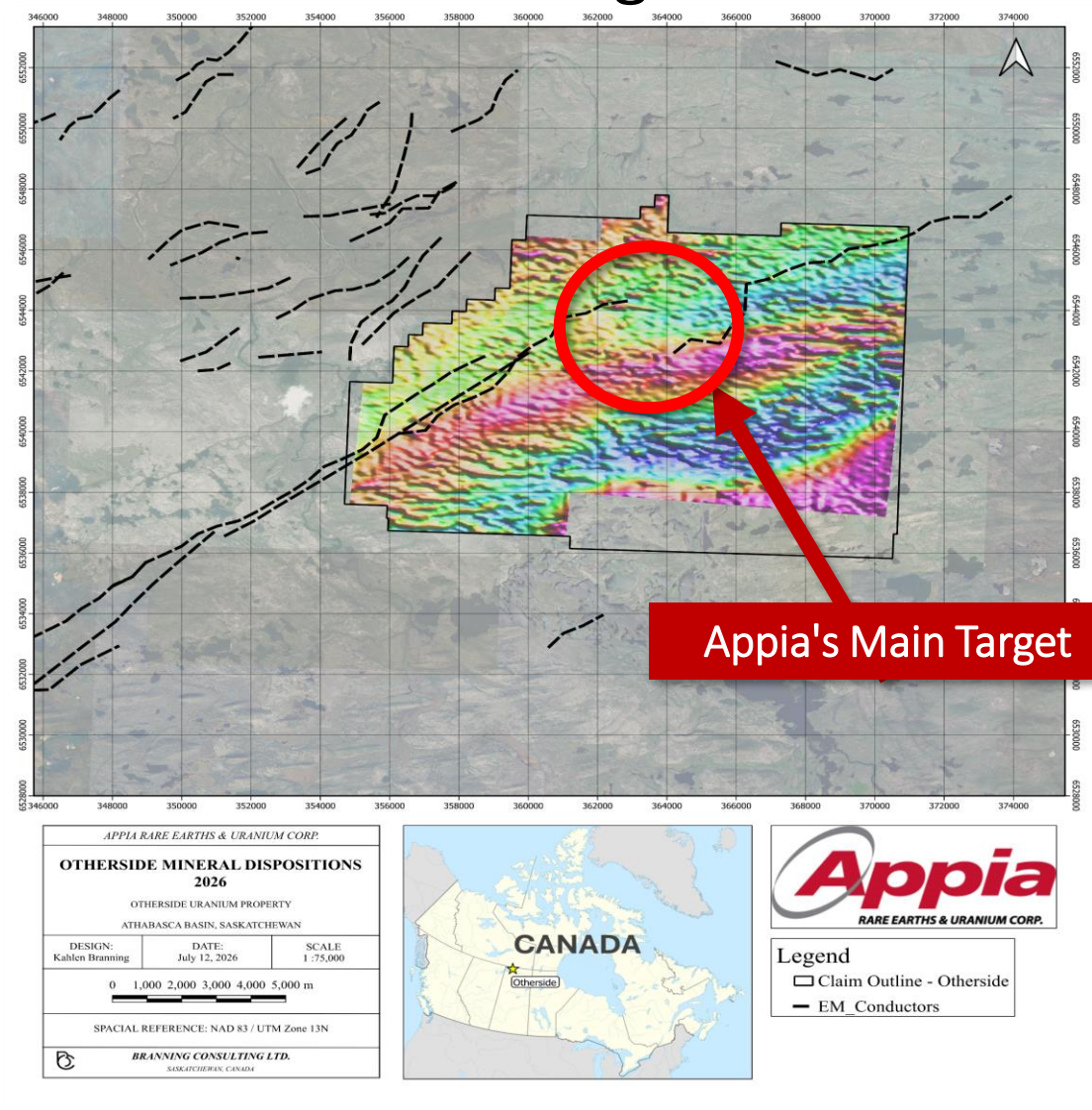
Familiar Characteristics:

Geophysical and structural characteristics to other high-grade uranium deposits in northern Saskatchewan, like Cameco's McArthur River, NexGen's Rook I Arrow, UEC's/Orano's Shea Creek, and more.

- Gravity + Mag anomalies: 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 15,146 hectares and is 100% owned by Appia.



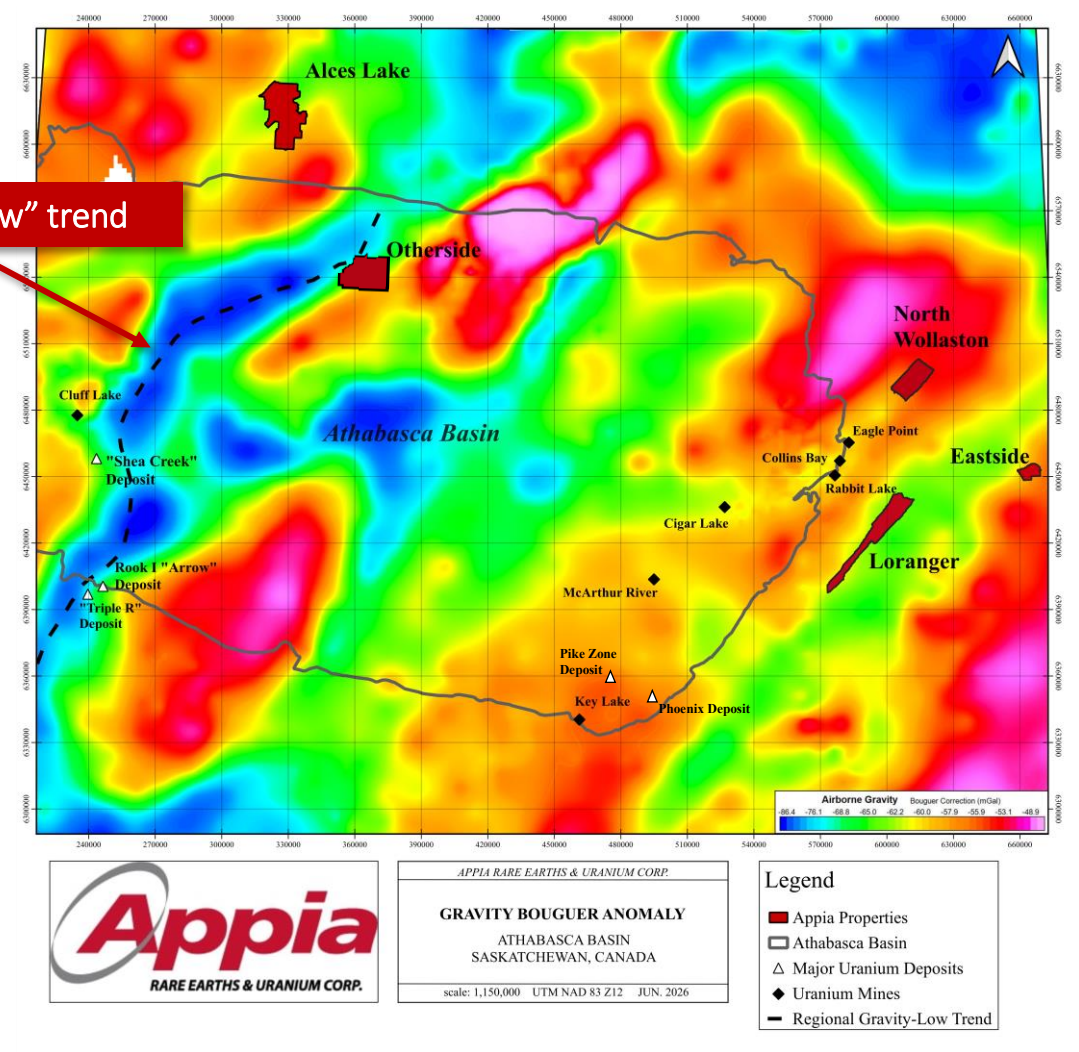
Appia's Otherside Uranium Property. Athabasca Basin, Saskatchewan, Canada.

Major 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*, *Triple R*, and *Arrow* high-grade uranium deposits.
- 5-year exploration drill permit in place
- Good-standing working relationship with the local Fond du Lac First Nations.

Same "gravity low" trend



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

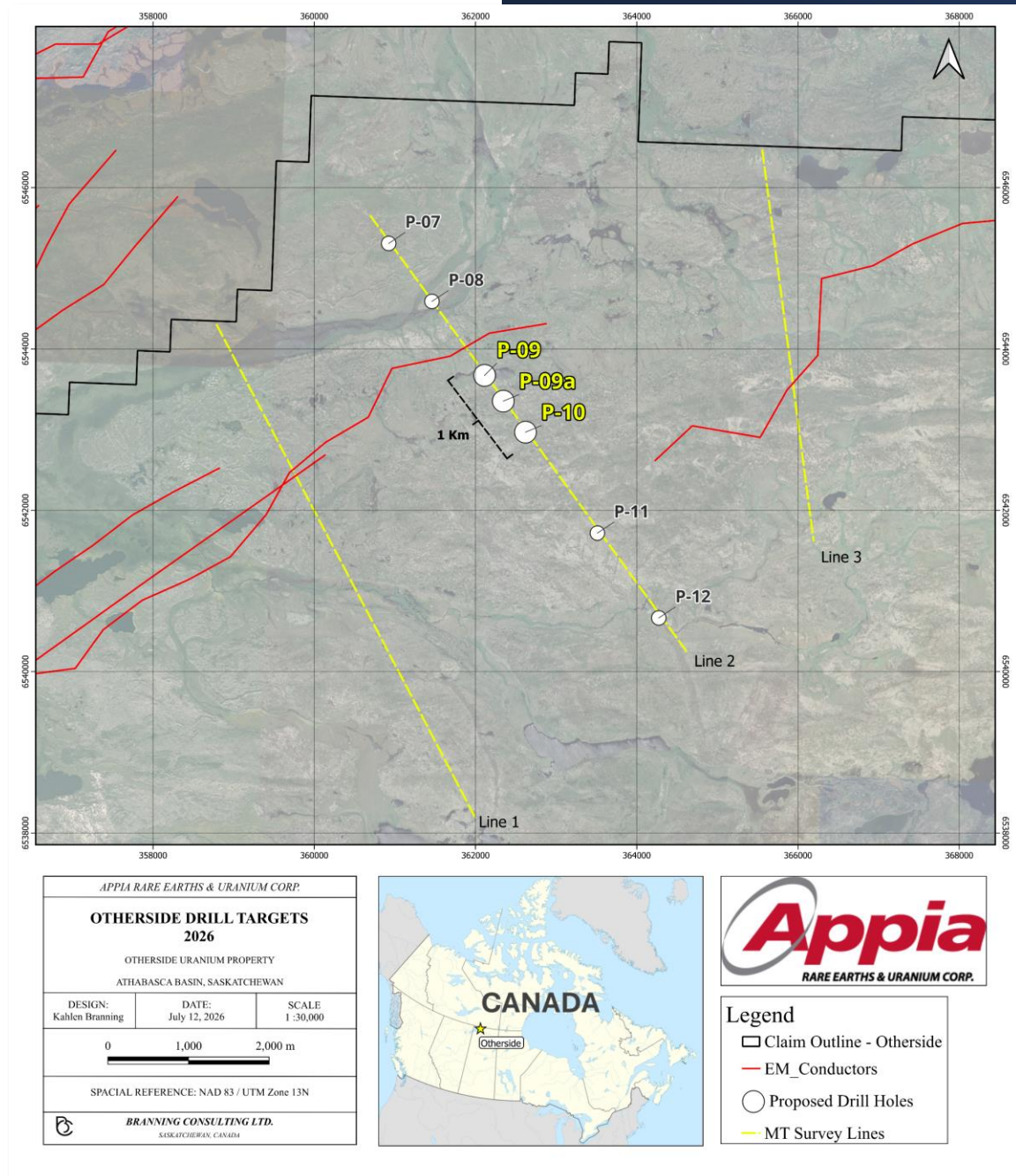
2026 Otherside SPARTAN MT Survey

Survey Overview

Newly processed SPARTAN MT data has now been received, covering the break in the Otherside Uranium Property's 49 km conductor trend.

Line 2, which cuts across the break in the main EM conductor, has emerged as the most compelling corridor for follow-up drilling, with Lines 1 and 3 still in the process of drill target selection.

Along Line 2, targets P-09, P-09A, and P-10 occur within a major EM conductor break/offset and display a combination of signatures that may be indicative of Athabasca-style unconformity uranium mineralization.

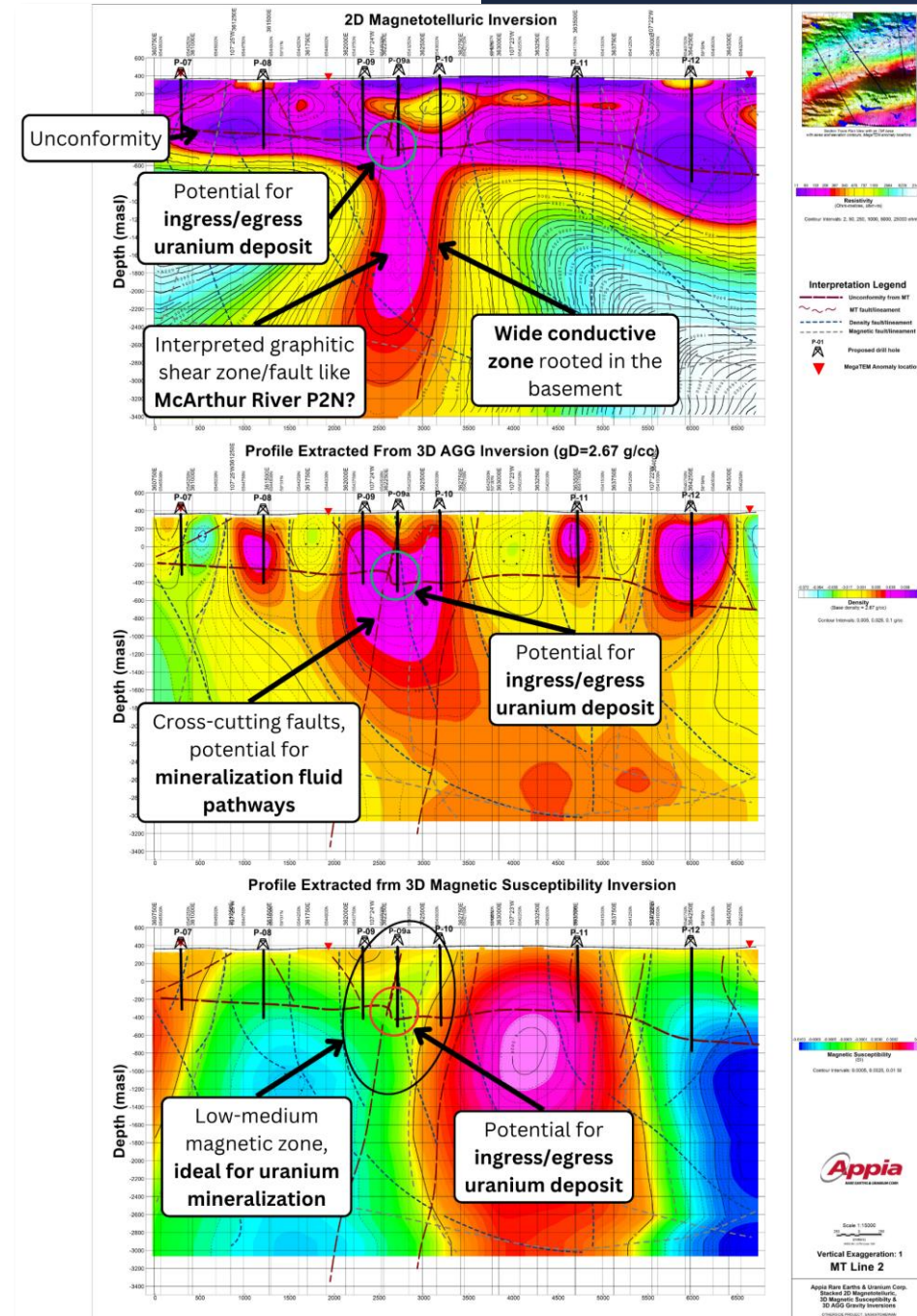


MT Survey Results: High-Priority Targets Identified

Key Results

Line 2 displays high-density chimney-like responses in the sandstone, relatively low magnetic response, a deep wide basement EM conductor rooted to more than 3 km depth, two or more interpreted faults, and an approximately 100-m unconformity offset at roughly 700-800 m depth that appear strikingly similar to the ingress/egress deposit type at **McArthur River's world-renowned high-grade uranium deposit**.

Appia will target this McArthur River style uranium deposit with drill holes P-09, P-09a, and P-10.



Similarities with Cameco’s “McArthur River” High-Grade Deposit

World-Renowned High-Grade Deposit

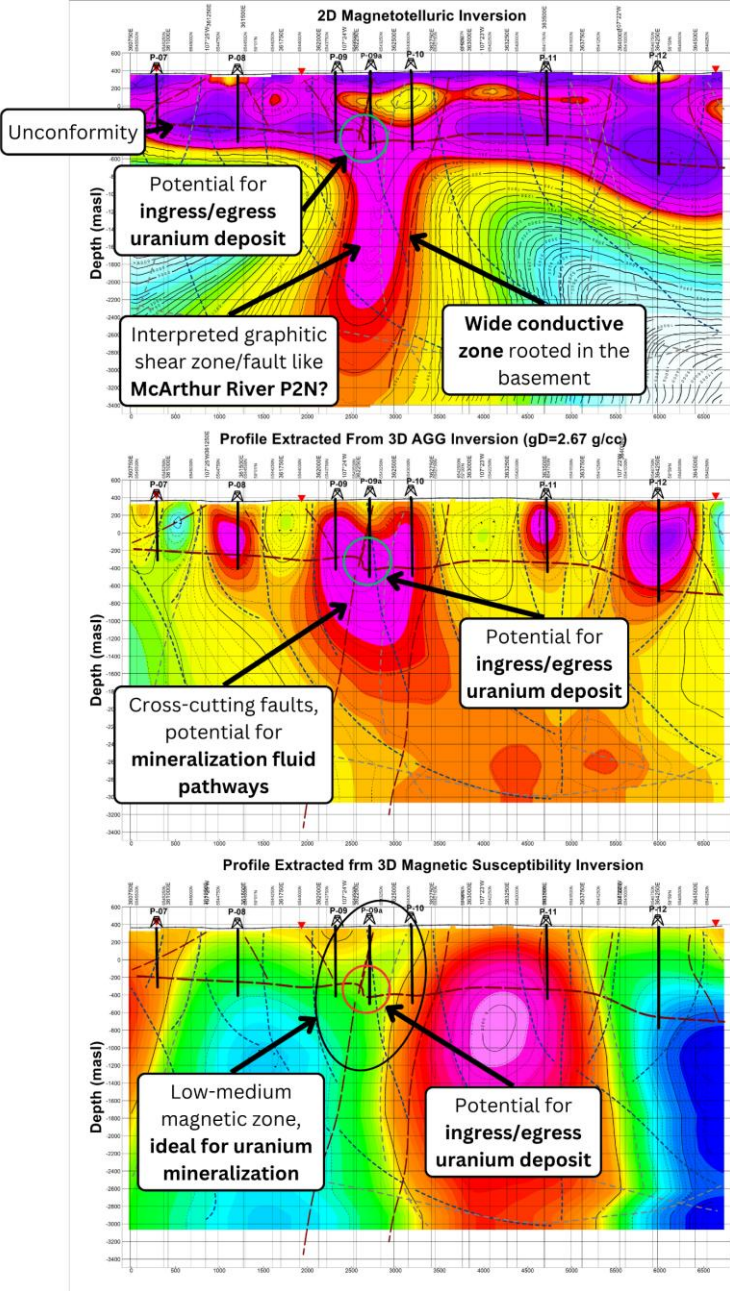
McArthur River is one of the world’s premier high-grade uranium deposits and a benchmark Athabasca unconformity-type system, hosting 346.5 Mlb U3O8 at 6.48% U3O8.

Geophysical & Geological Parallels to Otherside

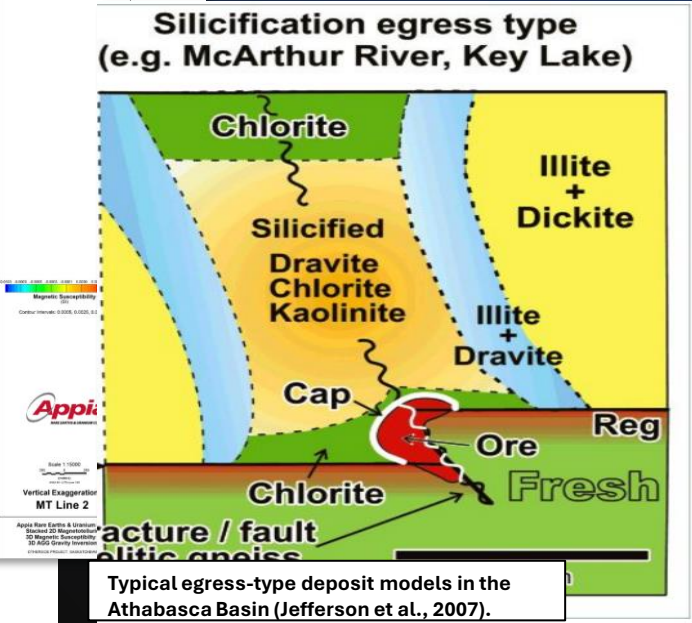
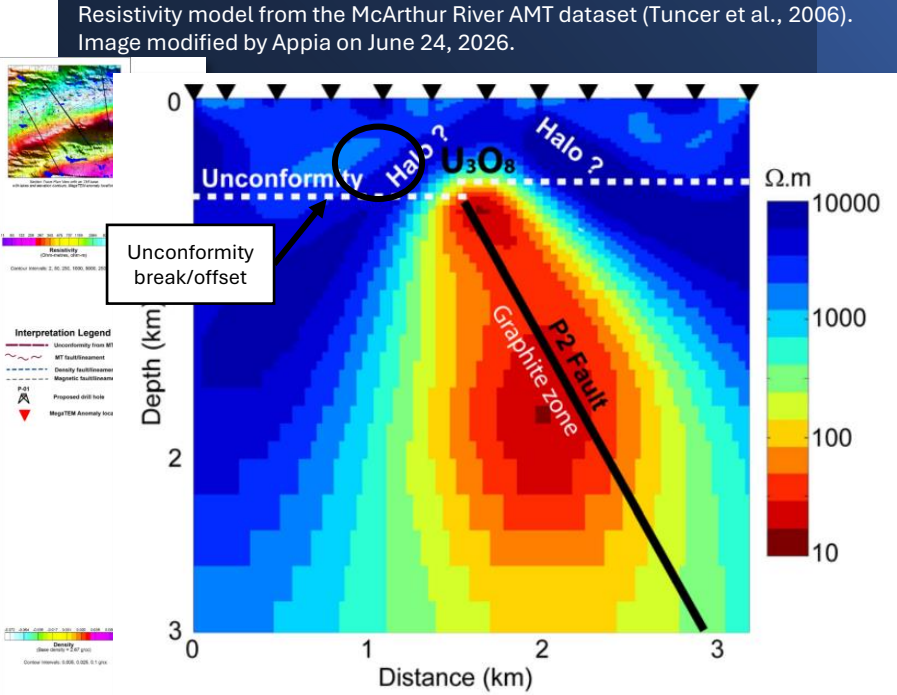
At McArthur River, uranium is associated with the P2 North conductor and P2N Thrust Fault, where a graphitic structural corridor, unconformity offset, sandstone fracturing, and strong hydrothermal alteration focused mineralization.

Otherside Line 2 now shows the near-identical key exploration vectors: a major EM conductor break/offset, two or more interpreted faults, a deep wide basement conductor rooted to >3 km depth, an ~100 m unconformity offset at ~800–1,000 m depth, chimney-like density highs in the sandstone, and relatively low magnetic response.

These features are consistent with an ingress/egress-style fluid pathway and trap, making targets P-09, P-09A, and P-10 compelling drill targets.



Appia Spartan MT Survey Data Results along Line 2



Typical egress-type deposit models in the Athabasca Basin (Jefferson et al., 2007).

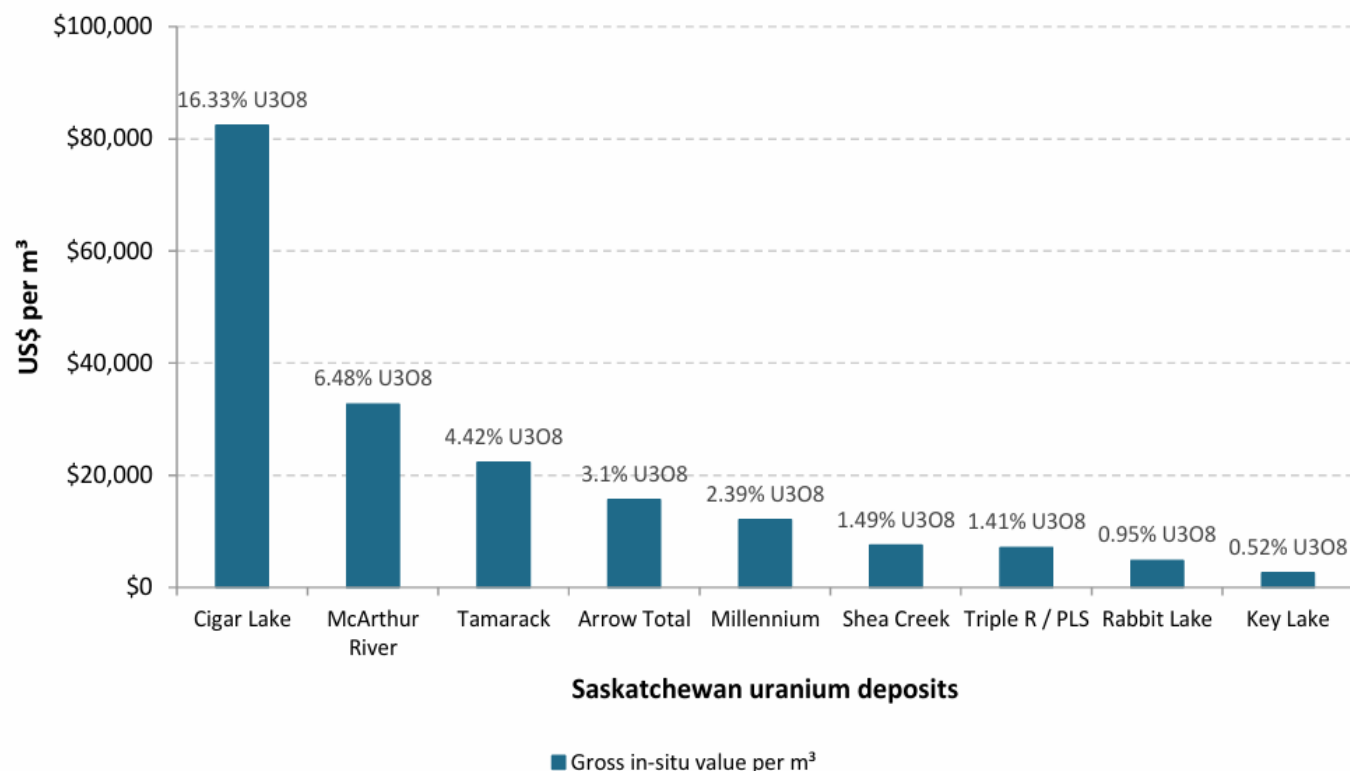
Comparing the Dollar Value of known Athabasca Basin Deposits

Value of One Cubic Meter of Saskatchewan Uranium Ore

Gross in-situ value estimate using reported grades and a 2026 U3O8 price deck. Grade labels shown above each bar.

Deposit	Value per m ³ (US\$)
Cigar Lake	\$82,378
McArthur River	\$32,689
Tamarack	\$22,297
Arrow Total	\$15,638
Millennium	\$12,057
Shea Creek	\$7,521
Triple R / PLS	\$7,113
Rabbit Lake	\$4,792
Key Lake	\$2,623

Assumes 2.67 t/m³ bulk density and US\$85.70/lb U3O8.



Sources: 1. Cigar Lake and McArthur River data: [cameco.com Reserves/Resources](https://www.cameco.com/Reserves/Resources) page. 2. [negenenergy.ca](https://www.negenenergy.ca) NexGen Rook I Feasibility Study / Arrow disclosure. 3. [cameco.com](https://www.cameco.com) Cameco Millennium project resource grade: [Reserves/Resources](https://www.cameco.com/Reserves/Resources) page. 4. UEC Shea Creek S-K 1300 Technical Summary. 5. [paladinenergy.com](https://www.paladinenergy.com) Paladin Patterson Lake South/Triple R project page.

Similarities with NexGen Energy's Rook I "Arrow" Deposit

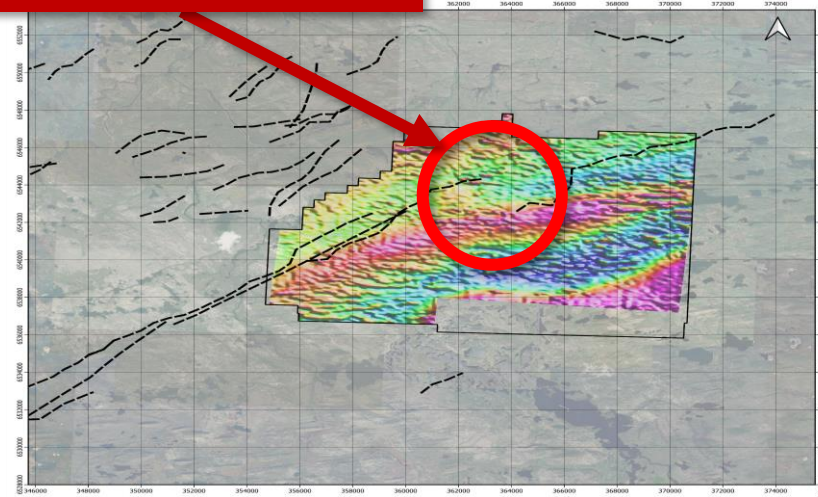
NexGen Energy Ltd's "**Arrow**" deposit is recognized as the **largest development-stage uranium deposit in the region**.

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

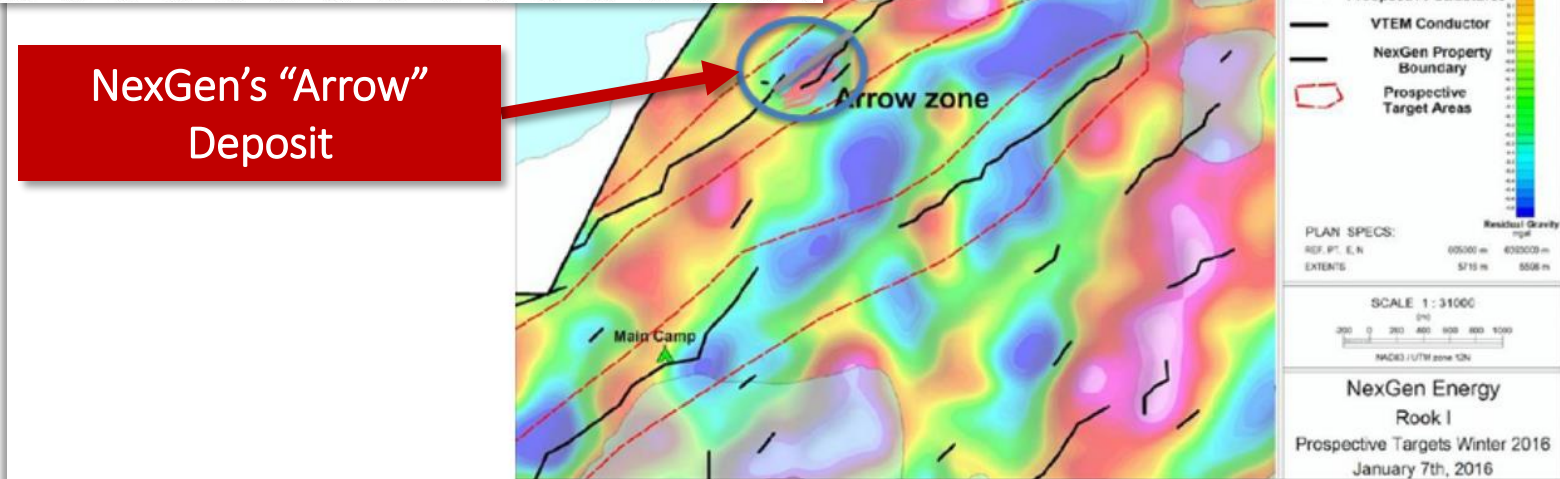
Geophysical Similarities to Otherside

- 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

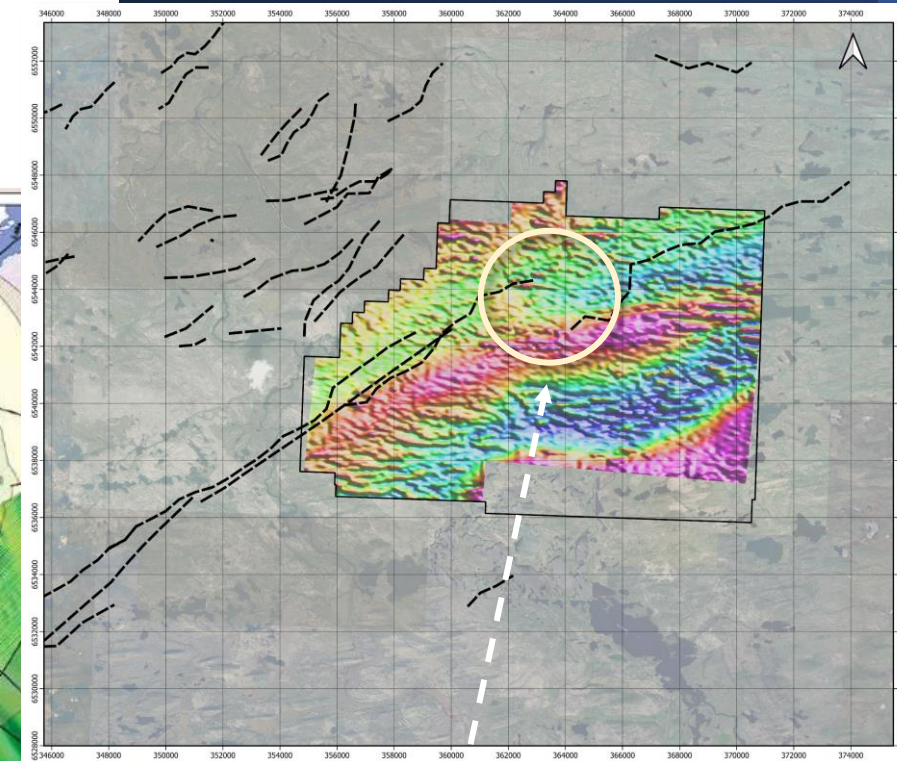
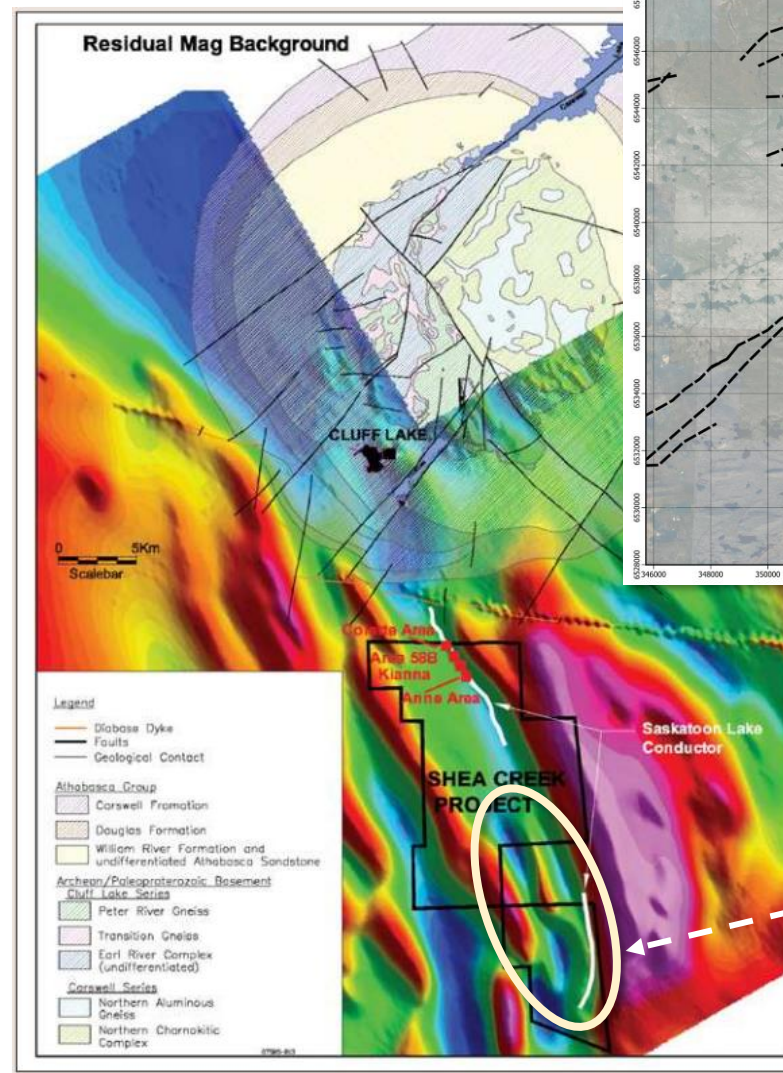
Similarities with UEC's/Orano's “Shea Creek” Deposit

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 break 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.



Shea Creek – Proven Uranium Discovery
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.

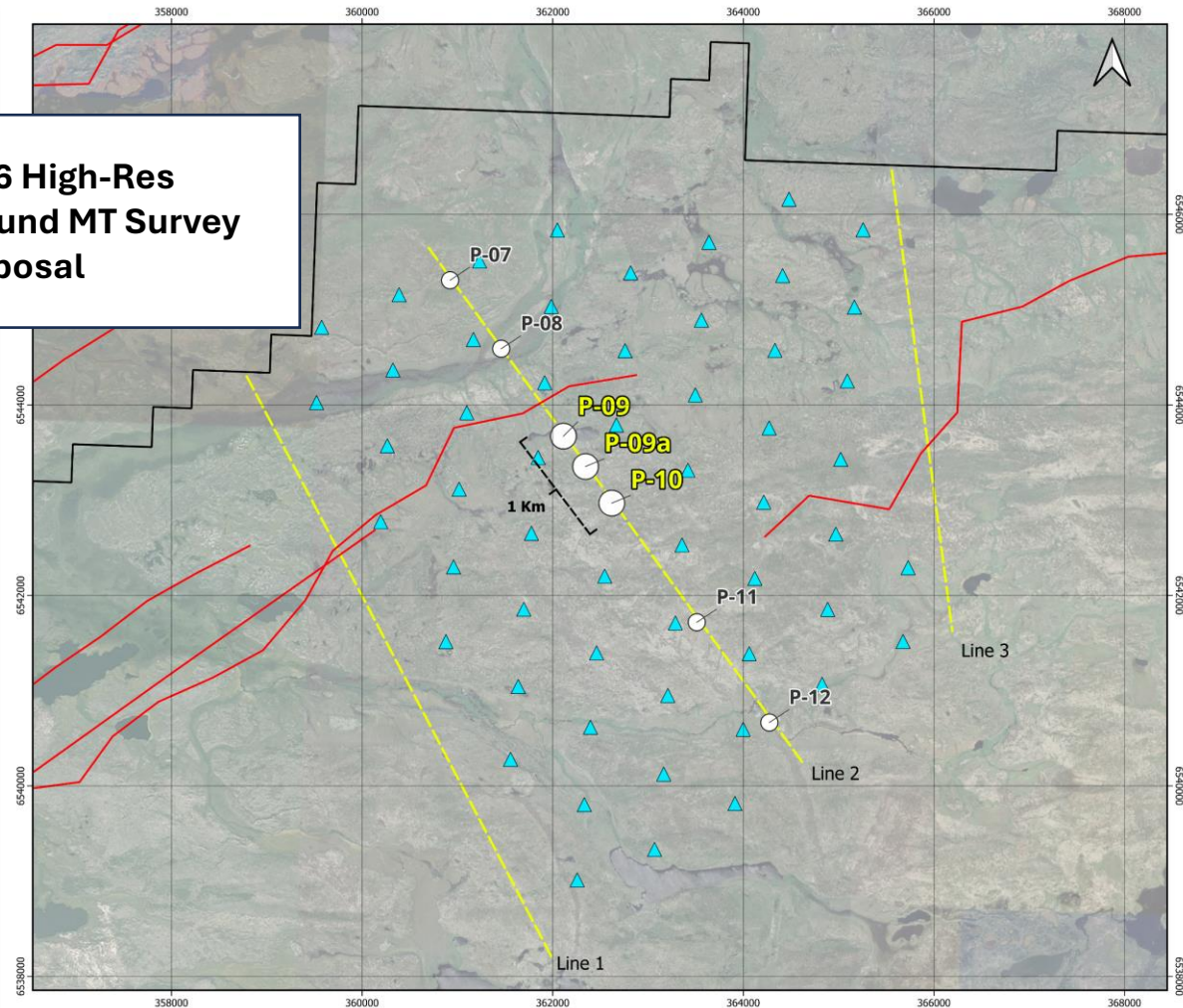
Source: “A progressive geophysical exploration strategy at the Shea Creek uranium deposit”
Nimeck, G. et al., 2008

2026-2027 Plan

Further Refine Anomalies, 2D to 3D Model, and Drill Hole Testing:

1. **Process results from Lines 1 and 3** and prioritize targets that may arise from their data.
2. **Tight-spaced/Infill Ground Magnetotellurics (MT) Survey (2026):** Gather high-resolution data along Line 2, specifically the conductor break around targets P-09, 09a, and 10 to better define the structure of the local area.
3. **Turn 2D dataset into 3D Modeling:** Reprocess datasets to generate a high-res 3D model that better defines the structural controls on uranium deposition, refines targets P-09, P-09A, and P-10, and identifies any additional targets that may emerge.
4. **Diamond Drilling:** Execute diamond drill hole campaign to test potential for **high-grade uranium discoveries** in late 2026 –2027.

2026 High-Res Ground MT Survey Proposal



APPRIA RARE EARTHS & URANIUM CORP.		
OTHERSIDE DRILL TARGETS 2026		
OTHERSIDE URANIUM PROPERTY ATHABASCA BASIN, SASKATCHEWAN		
DESIGN: Kahlen Branning	DATE: July 12, 2026	SCALE 1:30,000
SPACIAL REFERENCE: NAD 83 / UTM Zone 13N		
BRANNING CONSULTING LTD. SASKATCHEWAN, CANADA		



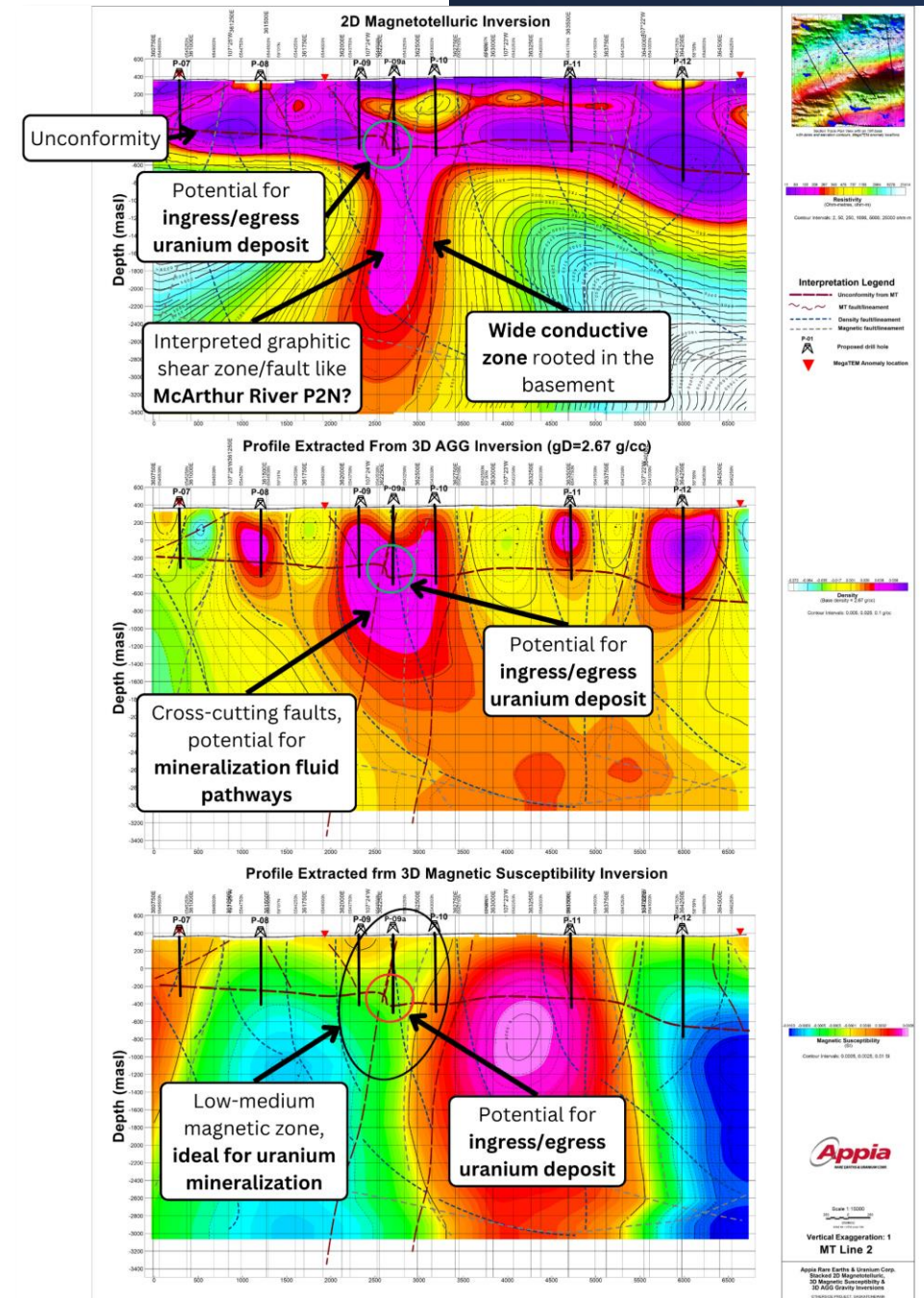
Legend

- Claim Outline - Otherside
- EM Conductors
- Proposed Drill Holes
- MT Survey Lines
- Proposed Hi-res MT Grid Points



Why Invest in Otherside

1. **McArthur River Deposit Type Strengthens the Thesis:** Key features at Otherside resemble structural and geophysical settings seen at the high-grade McArthur River uranium deposit, as well as Arrow and Shea Creek.
2. **Exposure to Athabasca Basin Discovery Potential:** Otherside gives investors exposure to a 100% owned property in the world's leading high-grade uranium district.
3. **The Target Has Been Refined:** Airborne gravity, magnetics, EM data (ZTEM, VTEM), and the 2026 SPARTAN MT survey have refined a large regional conductor into a focused drill zone.
4. **Line 2 Carries the Strongest Upside:** P-09, P-09A, and P-10 sit on a major conductor break with interpreted faults, a deep basement conductor, and an unconformity offset. All are strong signs for uranium mineralization.
5. **Near-Term Plan:** Further MT refinement, 3D modelling, and 2026 – 2027 diamond drill testing.



Appendix

Uranium in the Athabasca Basin

Deposit Model:

The Athabasca Basin is a large sedimentary basin containing some of the world's richest sources of **high-grade uranium**. Athabasca Basin uranium deposits generally form where uranium-bearing hydrothermal fluids move through faults, fractures, and conductive graphitic basement rocks, then become trapped near the unconformity between basement rocks and overlying sandstone.

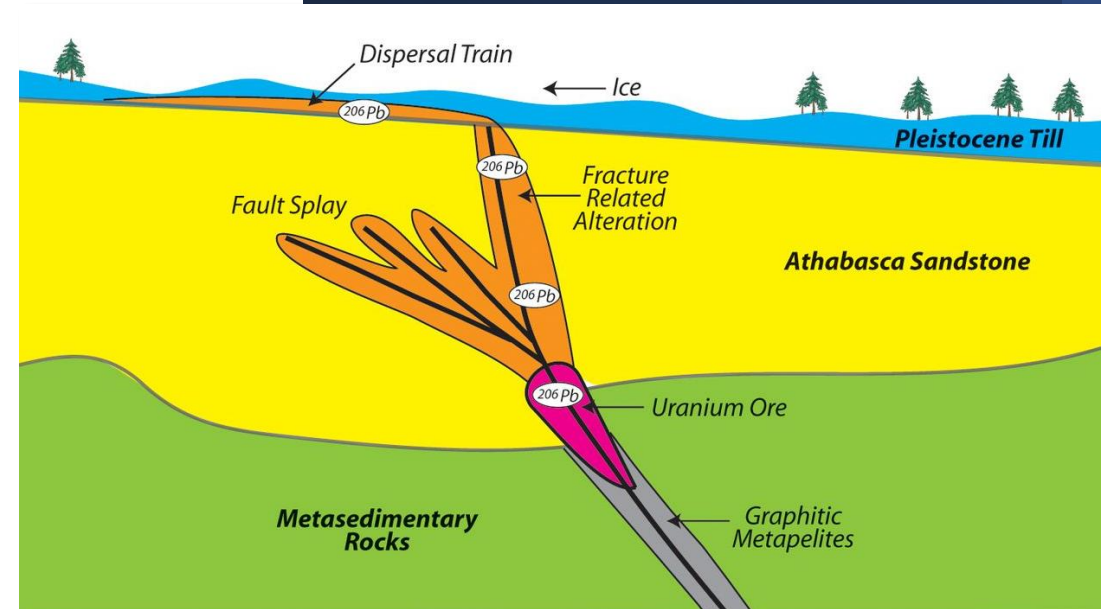
The best deposits typically occur where these structures are broken, offset, altered, and reactivated, creating pathways and traps for high-grade uranium mineralization.

Geophysical Tools to Discover Uranium:

- Magnetic + Gravity Anomalies: can signal alteration halos; **prime hints for discovering uranium**.
- Electromagnetics (EM): “Bent/broken”, fault conductors where fluids can interact and potentially deposit **uranium**.
- Magnetotellurics (MT): Ideal for defining unconformity depth and uranium-bearing traps within it.

Major Athabasca Basin uranium deposits associated with these characteristics:

- **McArthur River:** Cameco
- **Rook I Arrow:** NexGen Energy Ltd.
- **Shea Creek:** UEC/Orano.



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>

McArthur River Ingress/Egress Model:

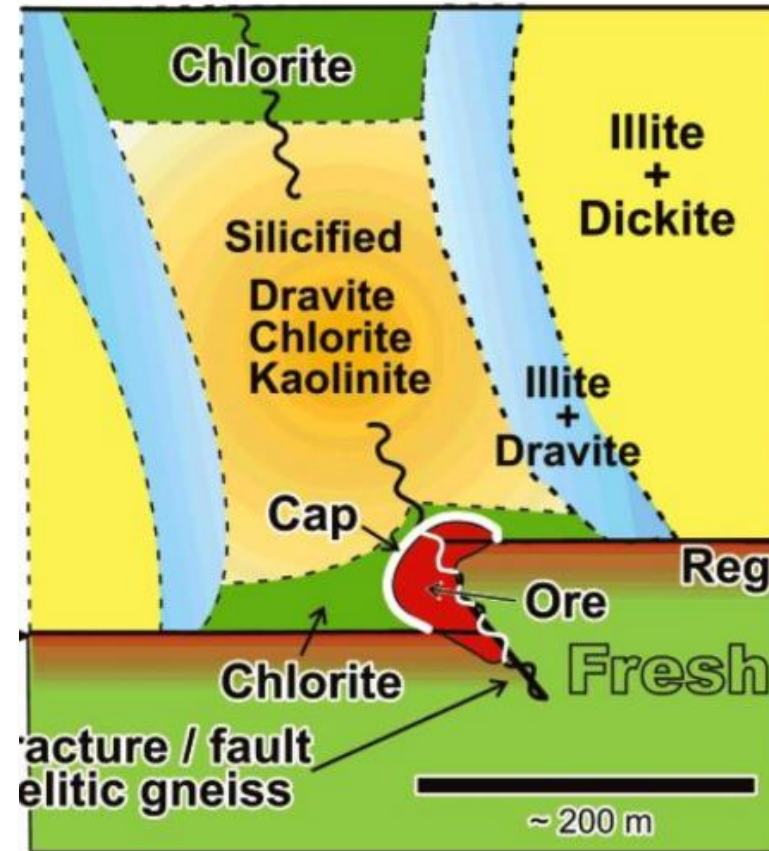
Otherside's geophysical anomalies show key similarities to the McArthur River deposit model

- Uranium deposits in the Athabasca Basin commonly form where mineralized fluids are focused through deep faults and conductive basement rocks, then trapped near the unconformity.
- **McArthur River model:** the P2N Thrust Fault and P2 North conductor provided the structural pathway; the unconformity offset, sandstone fracturing, and alteration system created the trap.
- At Otherside's Line 2 MT survey: P-09, P-09A, and P-10 occur within a major conductor break/offset with a deep and wide basement EM conductor, two or more interpreted faults, an approximate 100-meter unconformity offset (ingress/egress), chimney-like high-density responses, and low magnetic response.
- **What this means:** These geophysical features at Otherside provide strong vectors toward a potential ingress/egress-style uranium system, with similarities to the geological and structural setting of the world-renowned, high-grade McArthur River uranium deposit.

Investor Takeaway: Line 2 gives Appia a focused, drill-ready target corridor with key features similar to the world-class McArthur River high-grade deposit model.

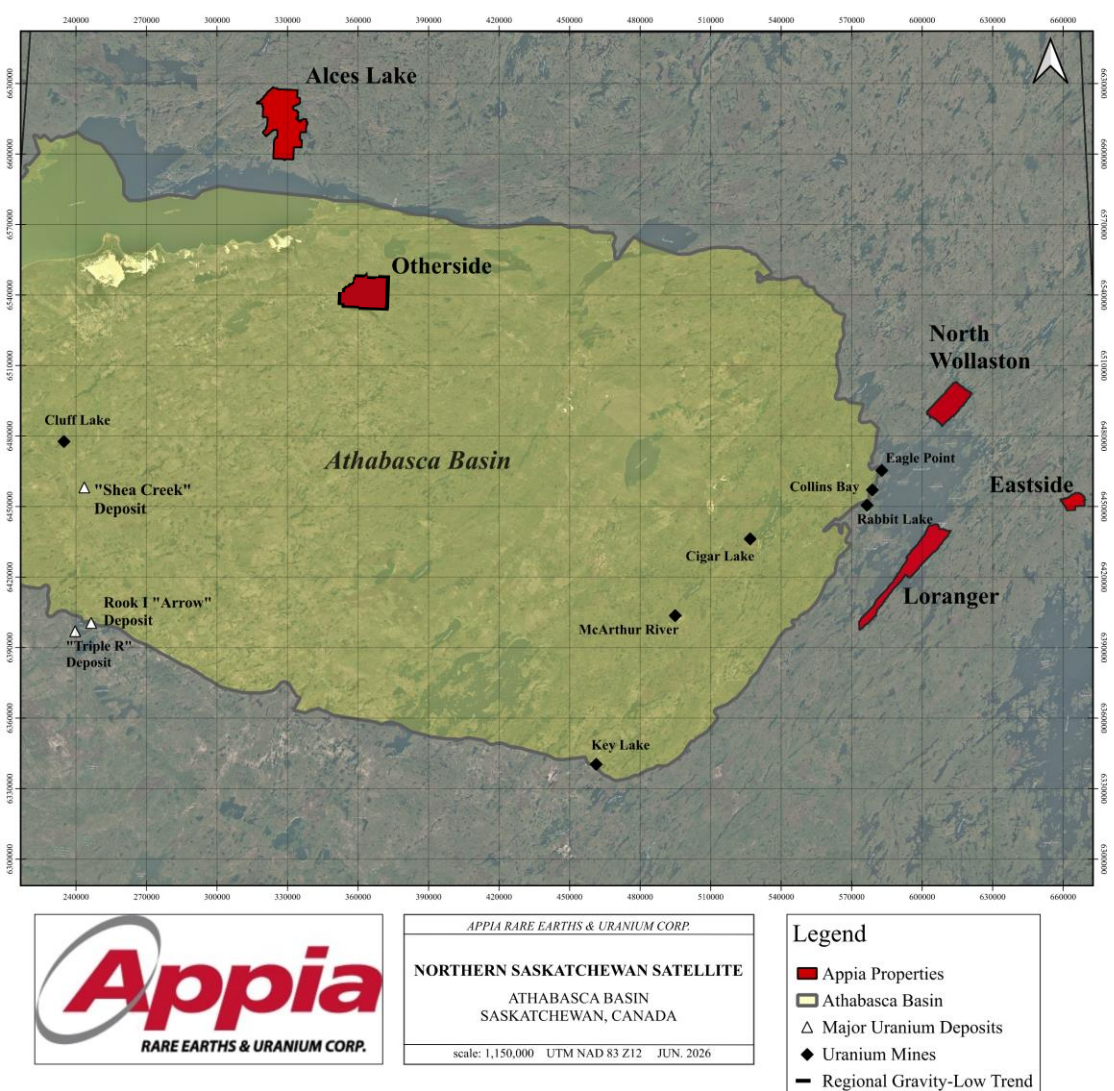
The target combines conductor disruption, interpreted thrust-style faulting, unconformity break, sandstone alteration vectors, and density/magnetic responses consistent with hydrothermal fluid movement.

Silicification egress type
(e.g. McArthur River, Key Lake)



Typical egress-type deposit models in the Athabasca Basin (Jefferson et al., 2007). Unconformity fault break and conductive pathway coinciding with Otherside geophysical signatures. "Unconformity associated uranium deposits, in Jefferson, C.W., and Delaney, G., eds., EXTECH IV: Geology and Uranium EXploration TECHnology of the Proterozoic Athabasca Basin, Saskatchewan and Alberta: Geological Survey of Canada, Bulletin 588 "

Appia's Other Uranium Projects: Athabasca Basin Area



Loranger Uranium Project

- Near surface uranium discovered in drill core up to 0.066 wt.% U₃O₈ ([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 U₃O₈.
- Geologic and electromagnetics characteristics suggesting potential for subsurface uranium deposits.



CSE: API | OTCQX: APAAF | FWB: A010 | MUN: A010 | BER: A010

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