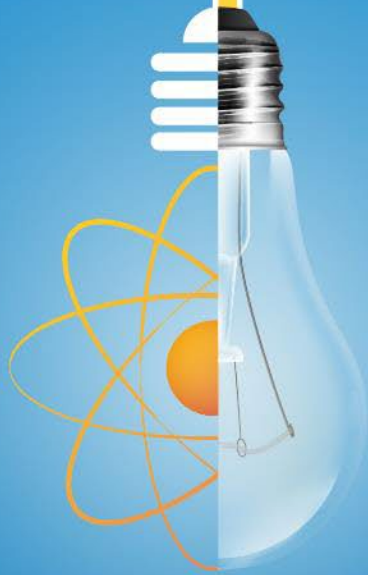




*FINDING THE FUEL FOR A*

# Clean Energy Future



**Standard Uranium** is exploring for high-grade uranium to supply fuel for the clean energy future.

# Legal Disclaimer

All statements, other than statements of historical fact, contained in this presentation constitute “forward-looking statements” within the meaning of the United States Private Securities Litigation Reform Act of 1995, and “forward-looking information” under similar Canadian legislation and are based on the reasonable expectations, estimates and projections of the Company as of the date of this presentation. Forward-looking statements and forward-looking information include, without limitation, possible events, trends and opportunities and statements with respect to, among other things, the state of the uranium market, global market conditions, the ability of the Company to identify and acquire assets, results of exploration activities, the nature of potential business acquisitions, capital expenditures, successful development of potential acquisitions, currency fluctuations, government policy and regulation, geopolitical uncertainty and environmental regulation. Generally, forward-looking statements and forward-looking information can be identified by the use of forward-looking terminology such as “plans”, “expects” or “does not expect”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. Forward-looking statements and forward-looking information are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company as of the date of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Many of these uncertainties and contingencies can affect the Company’s actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements and forward-looking information made by, or on behalf of, the Company. All of the forward-looking statements and forward-looking information made in this presentation are qualified by these cautionary statements. Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. The Company does not undertake to update any forward-looking statements or forward-looking information that are incorporated by reference herein, except in accordance with applicable securities laws. Nothing in this presentation should be construed as either an offer to sell or a solicitation of an offer to buy or sell shares in any jurisdiction.

Sean Hillacre, P.Geo., is the Qualified Person under National Instrument 43-101 who has reviewed and approved the scientific and technical content in this presentation.

# WE FIND THE FUEL TO POWER A CLEAN ENERGY FUTURE

Standard Uranium's mission is to generate exploration projects prime for making significant high-grade uranium discoveries in the Athabasca Basin region of Saskatchewan, Canada; substantially increasing shareholder value.

209,867 acres across the Athabasca Basin in 11 projects.



# WHY INVEST? Standard Uranium

**Standard Uranium's** is the fusion of all the key elements needed to make the next big uranium discovery in the Athabasca Basin – Providing the fuel to power a clean energy future.





# Company Snapshot

## STANDARD URANIUM

- Project generator & exploration company
- Extensive exploration plans in 2024

## FLAGSHIP PROJECTS

- Davidson River Projects in the Southwest Athabasca (SWA) Uranium District
- DRE / DRW

## STRONG TEAM

- Skilled technical team backed by capital markets team with uranium exploration experience

## NUCLEAR POWER RENAISSANCE

- Back by popular demand! The true solution to reach climate goals. Global catalyst driving nuclear energy and uranium exploration

## SHORT-TERM CATALYSTS

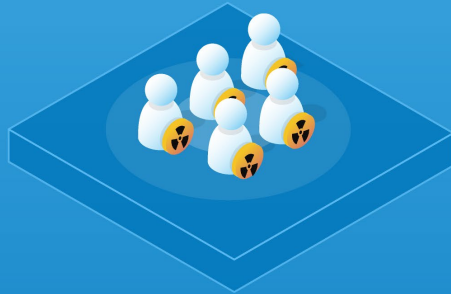
- 2024 Drill programs at Sun Dog and Eastern Basin projects (H1) and Davidson River (H2), inaugural exploration on Corvo and Rocas (H2)



- Significant uranium deposit
- Uranium prospect
- Exploration corridors
- Interpreted corridor links

# Essentials for Success in Uranium Exploration

01 Experienced Geologists



02 Projects with Geological Merit



03 First Nations & Community Agreements



04 Exploration Permits



05 Skilled Drillers



06 Key Vendors



07 Capital to Fund Exploration






08 Board & Executive Experience in Uranium



# Project Generation: JV Partners & Option Agreements

Driving shareholder value through focused advancement of non-core projects with strategic partners

Company	Project	Interest Attainable	Expenditure Commitments	Cash Payments + Operator Fees	Consideration Shares	Option Term
 AERO ENERGY	Sun Dog	Up to 100%	\$6,500,000	\$1,300,000	\$650,000	3-Year Option (2024-2027)
 MAMBA EXPLORATION LIMITED	Canary	Up to 75%	\$6,000,000	\$900,000	\$300,000	3-Year Option (2024-2027)
Summit Fusion Pty.	Ascent	Up to 75%	\$6,000,000	\$900,000	\$300,000	3-Year Option (2024-2027)
 ATCO Mining Inc.	Atlantic	Up to 75%	\$6,300,000	\$1,160,000	\$750,000	3-Year Option (2024-2027)
<i>Totals*</i>			<i>\$24,800,000</i>	<i>\$4,260,000</i>	<i>\$2,000,000</i>	<i>\$31,060,000</i>

\*Assuming all partner companies fully execute their respective earn-in commitments and attain full interest percentage.



## Standard Uranium's projects

- Major uranium discoveries



# Uranium Country

## THE ATHABASCA BASIN

This region is famous for the world's richest uranium deposits. Located in Saskatchewan, Canada, which offers:



Mining-friendly policies



A skilled workforce



Infrastructure for mining

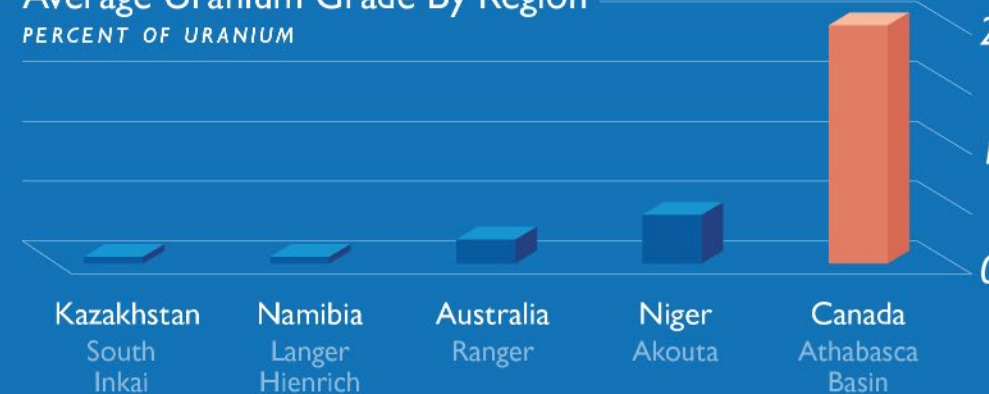


High-quality geological data



Rich mineral resources

Average Uranium Grade By Region  
PERCENT OF URANIUM



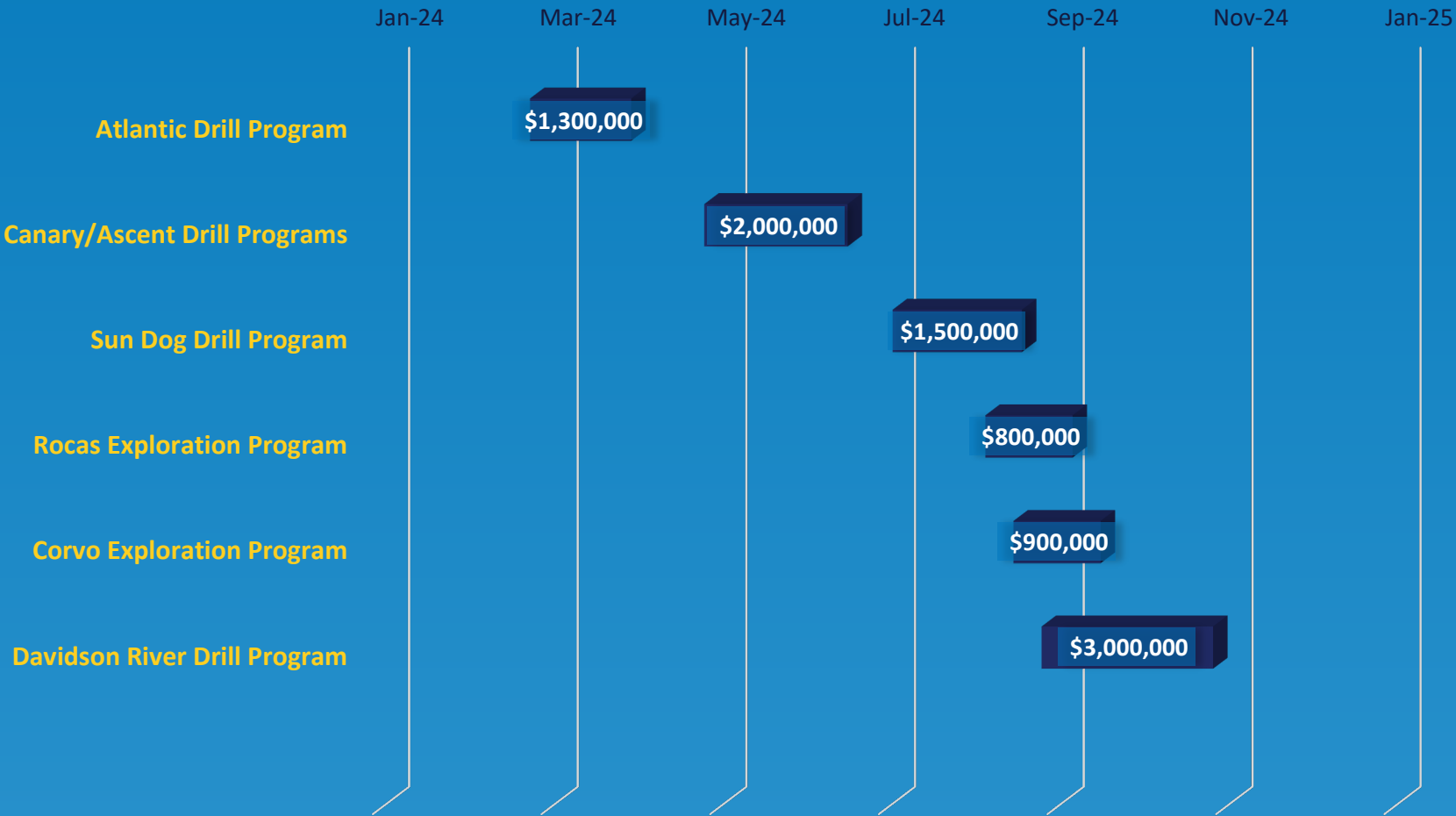
# Project Generation – 2024 Exploration

Standard Uranium's project generator model has potential to drive >\$9.5M in exploration across 7 projects in 2024.

Exploration drives discovery, high grade uranium discoveries lead to a clean energy future.

Joint venture opportunities remain on seven projects, including half of Davidson River.

Standard Uranium Ltd. 2024 Exploration Schedule



2024 Exploration Total = \$9.5M



# The Standard Uranium Team

Built around individuals with a proven track record of uranium discoveries specifically in the southwest corner of the Athabasca Basin.



Jon Bey  
*CHAIR, CEO,  
DIRECTOR*



Neil McCallum  
*LEAD TECHNICAL  
DIRECTOR*



Sean Hillacre  
*PRESIDENT,  
VP EXPLORATION*



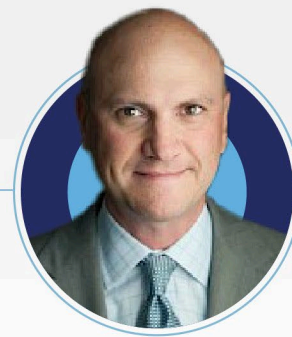
Sean McGrath  
*CHIEF FINANCIAL  
OFFICER*



Mike Young  
*INDEPENDENT  
DIRECTOR*



Zoya Sashkova  
*INDEPENDENT  
DIRECTOR*



Blair Jordan  
*INDEPENDENT  
DIRECTOR*



Kenneth Judge  
*INDEPENDENT  
DIRECTOR*

# THE DAVIDSON RIVER PROJECTS

Standard Uranium's Davidson River projects are in good company in the Southwest Athabasca Uranium District.



The Southwest Athabasca district contains over 400M lbs. of high-grade uranium in known deposits, and discoveries continue.



## TRIPLE R

Indicated  
 102.4M lbs  
 2.10% U<sub>3</sub>O<sub>8</sub>

Inferred  
 32.8M lbs  
 1.22% U<sub>3</sub>O<sub>8</sub>

## ARROW

Meas. & Ind.  
 256.7M lbs  
 3.10% U<sub>3</sub>O<sub>8</sub>

Inferred  
 80.7M lbs  
 0.83% U<sub>3</sub>O<sub>8</sub>

## SPITFIRE

Drill Hole: HK16-53  
 14.3m of 7.57% U<sub>3</sub>O<sub>8</sub>  
 including 1.3m of 53.3% U<sub>3</sub>O<sub>8</sub>

## JR ZONE

Drill Hole: PLN22-035  
 15.0m of 6.97% U<sub>3</sub>O<sub>8</sub>  
 including 5.5m of 18.6% U<sub>3</sub>O<sub>8</sub>



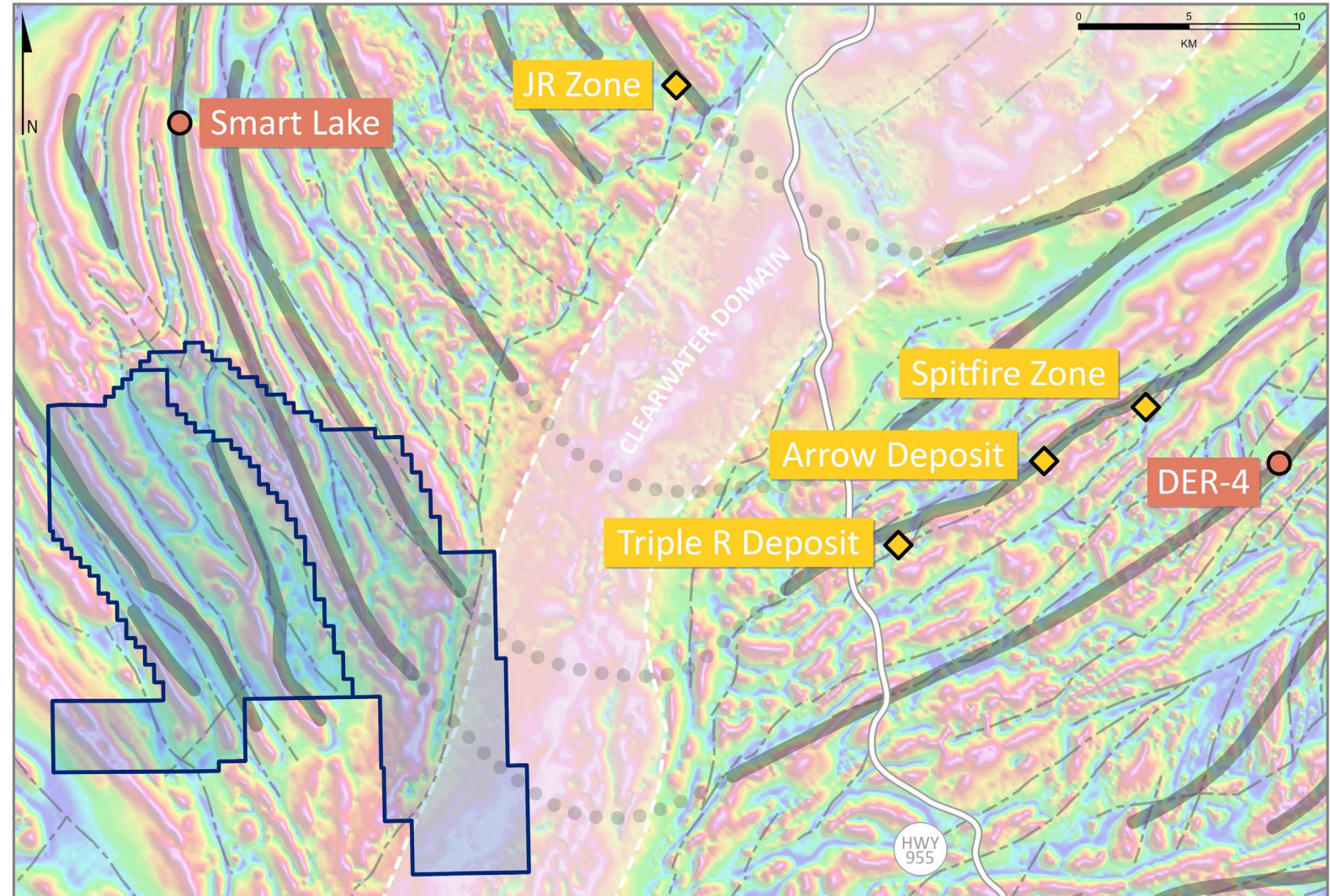
# Following the Trends


## EXPLORATION USING MODERN TECHNOLOGY

Standard Uranium has laid the foundation for discovery using industry-leading surveys to define more than 70 km of prospective exploration trends at Davidson River. The geological mirror theory has been validated by the recent discovery of the JR zone, west of the Clearwater Domain.

Standard Uranium is the first uranium company to leverage GoldSpot Discoveries Corp.'s cutting-edge data-driven machine learning processes, aiding in identifying and prioritizing drill targets.

Neighboring uranium deposits provide training data used to vector into discovery on the Davidson River project.



- |  |                     |   |                            |
|--|---------------------|---|----------------------------|
|  | Significant Uranium |  | Exploration Corridors      |
|  | Uranium Occurrence  |  | Interpreted corridor links |
|  | Claims Border       |  | Interpreted faults         |



# Davidson River - Drill Programs

## SUMMER 2020 – SUMMER 2022

16,561 metres – 39 drill holes



**Warrior Corridor:** Strongly graphitic shear zones and elevated radioactivity. Additional targets to the SE.



**Saint Corridor:** Strong ductile deformation and clay alteration. Several targets remain.



**Bronco Corridor:** Strongly graphitic structures and clay alteration akin to those intersected at major deposits in the SW Athabasca Basin, associated with **elevated radioactivity and dravite alteration**.

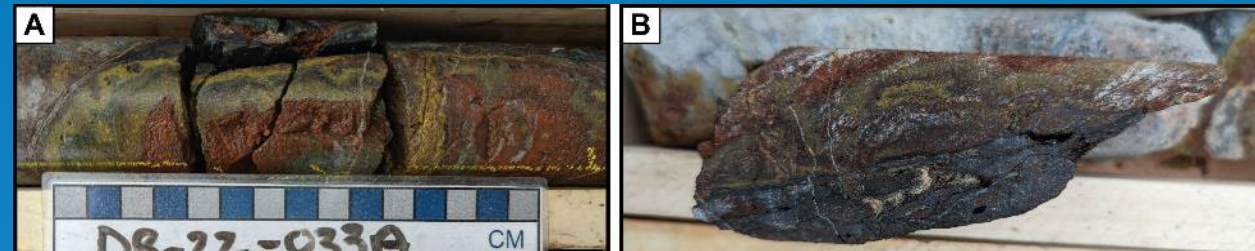


**Thunderbird Corridor:** first drill holes ever to test geophysics targets – Strongly graphitic structures, **redox fronts**, and **clay-dravite alteration**.

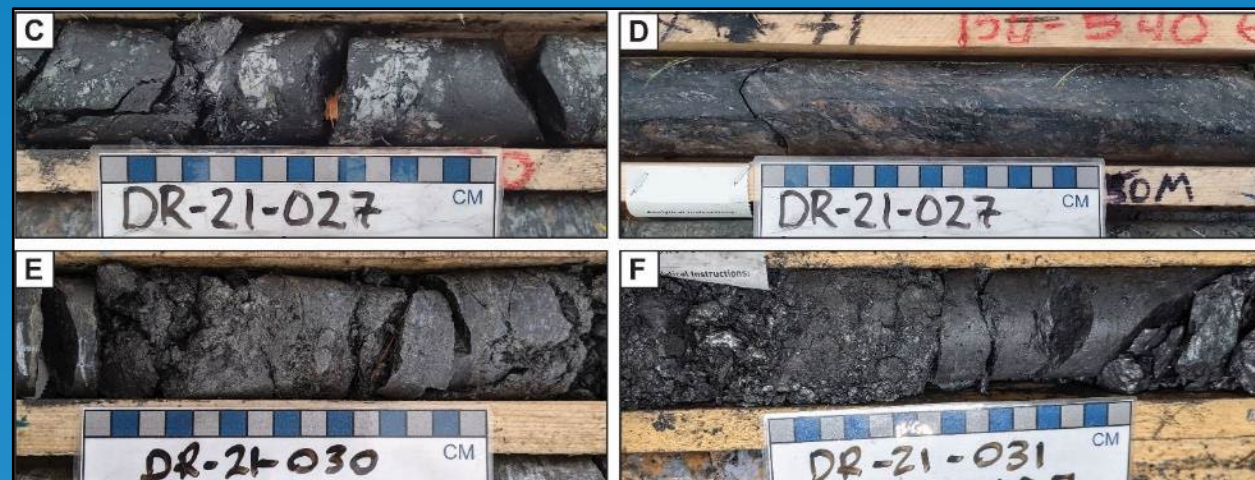


Multi-kilometre portions of the conductive corridors on the property remain to be tested.

## Thunderbird Corridor



## Warrior & Bronco Corridors



A) The first Thunderbird drill hole on the Davidson River project, DR-22-033A, showing strong structurally controlled hematite-limonite alteration (redox fronts); 163.5m. B) Strong “worm-rock” textured hematite-limonite alteration overprinting graphitic shear planes; DR-22-033A; 163.6m.

C) Strongly graphitic reactivated shear zone in DR-21-027 along the Bronco trend. D) Semi-brittle graphitic shear zone intersected in DR-21-027 peaking at 540 cps along the Bronco trend. E) Graphitic fault gouge zone in DR-21-030 along the Bronco trend. F) Intensely graphitic shear zone intersected along the Bronco trend in hole DR-21-031.

# The Sun Dog Project

## HISTORIC URANIUM CITY DISTRICT

19,603 Hectares; Active 3-Year Option Deal

**Surface sampling** – Skye target, Java target, and Haven discovery have returned grab sample results with highs of 3.58%  $U_3O_8$ , 1.7%  $U_3O_8$ , and 0.7%  $U_3O_8$ , respectively.

### Haven Discovery



Elevated radioactivity up to 1,300 cps intersected in first drill hole in the area.



Mineralization associated with significant dravite-clay and iron-oxide alteration, in addition to wide structural zones.

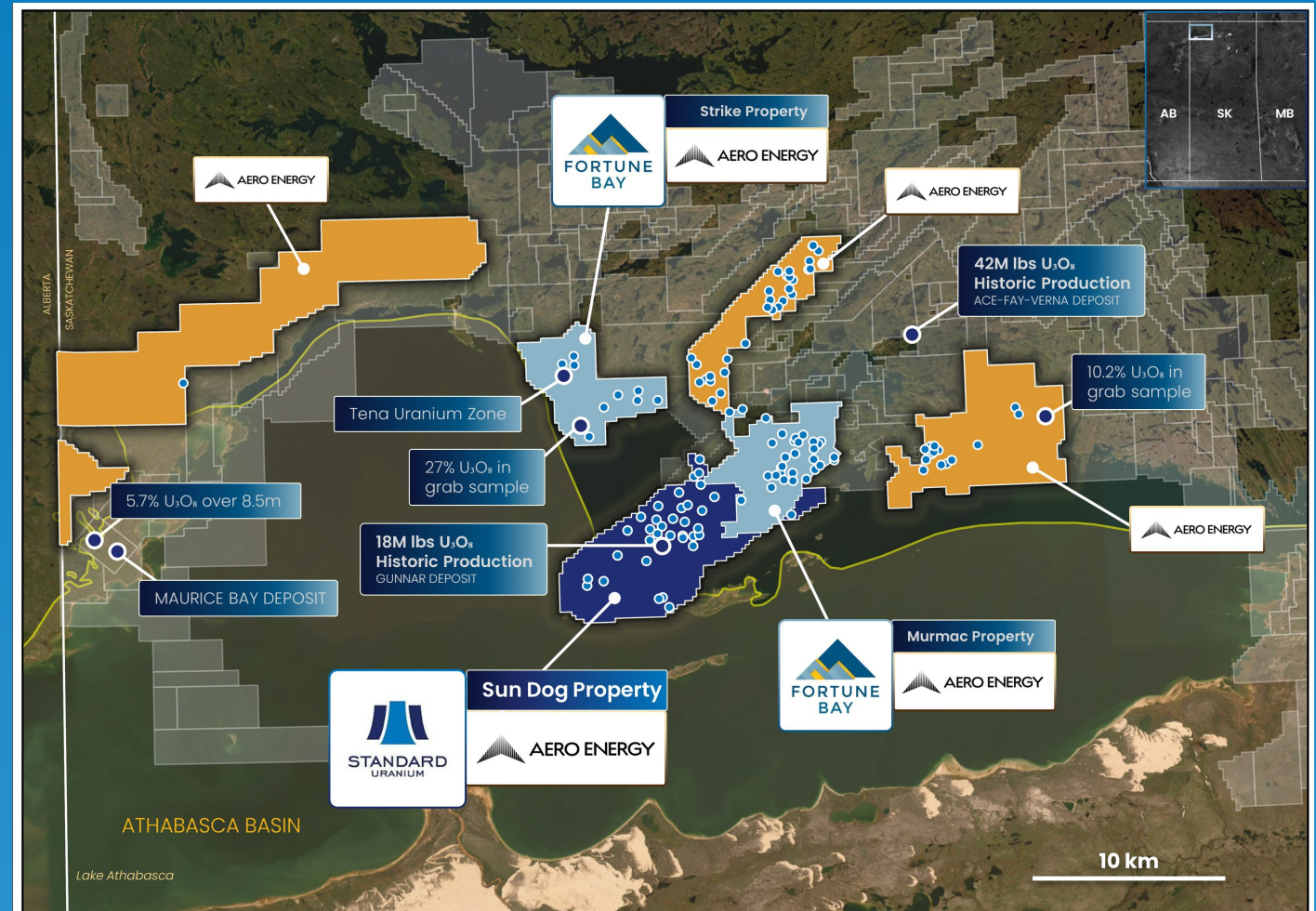
### Johnston-Bay Targets



Moderate to strong alteration and structure throughout drill holes.



Strong concentrations of graphite in highly deformed metasedimentary basement rocks; Local elevated radioactivity and dravite alteration.





# The Sun Dog Project

## Future Exploration



High-priority follow-up island targets and untested mainland targets have been identified for continued drill programs – **Definitive Option Agreement** signed with JV partner – **Aero Energy Ltd.**



Ground gravity survey and drilling to date has identified significant areas of alteration; Detailed airborne magnetics identify cross-cutting structures.



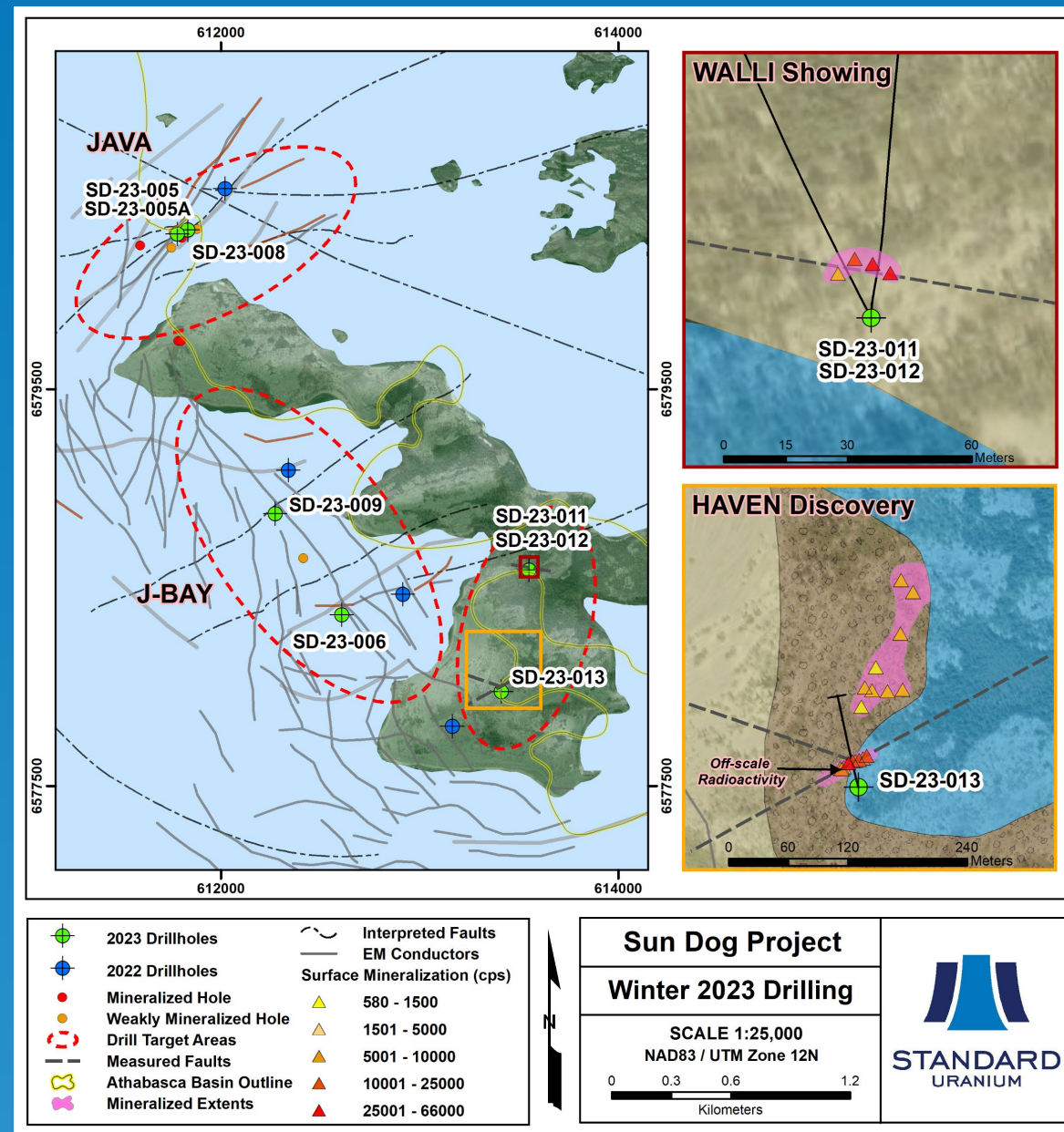
**Ya' thi Néné Exploration Agreement** in place.



Continued geological mapping and prospecting on surface planned.



**Fully permitted** and vendors engaged for continued exploration.



# Eastern Athabasca Basin Projects

*32,838 Hectares; 30 Mineral Claims; 100% owned*



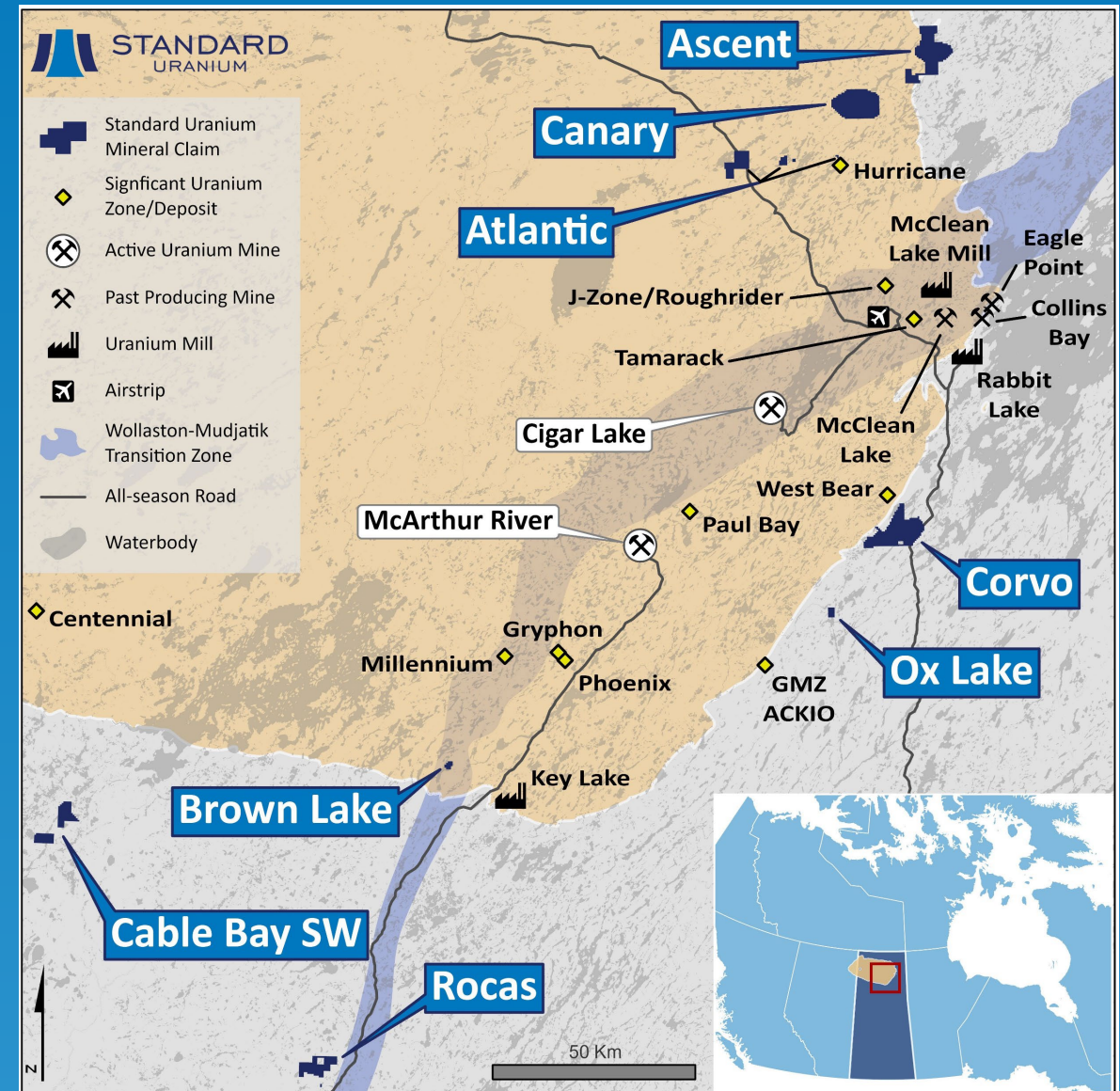
Standard Uranium has strategically acquired eight projects in the prolific eastern Athabasca Basin region – **Ascent, Canary, Atlantic, Corvo, Rocas, Cable Bay SW, Ox Lake, & Brown Lake**



Atlantic, Canary, and Ascent lie within the northern portion of the eastern Athabasca Basin, proximal to IsoEnergy's Hurricane deposit. Other projects are positioned marginal to the present-day eastern boundary of the Athabasca Basin, prime for discovery of near-surface high-grade uranium mineralization akin to the recent Gemini uranium discovery by 92 Energy.



The eastern basin projects are highly prospective for **unconformity related and/or basement hosted uranium deposits** based on historical uranium occurrences, recently identified geophysical anomalies, and location along trend from several high-grade uranium discoveries.





# Atlantic Project

*3,061 Hectares; 100% owned; Drill-Ready Targets*



High-resolution ground gravity survey over western claim blocks; Refined target areas through identification of potential areas of **hydrothermal alteration**



**Uranium mineralization at the UC** in several historical drill holes along E-W conductive corridor - Underexplored



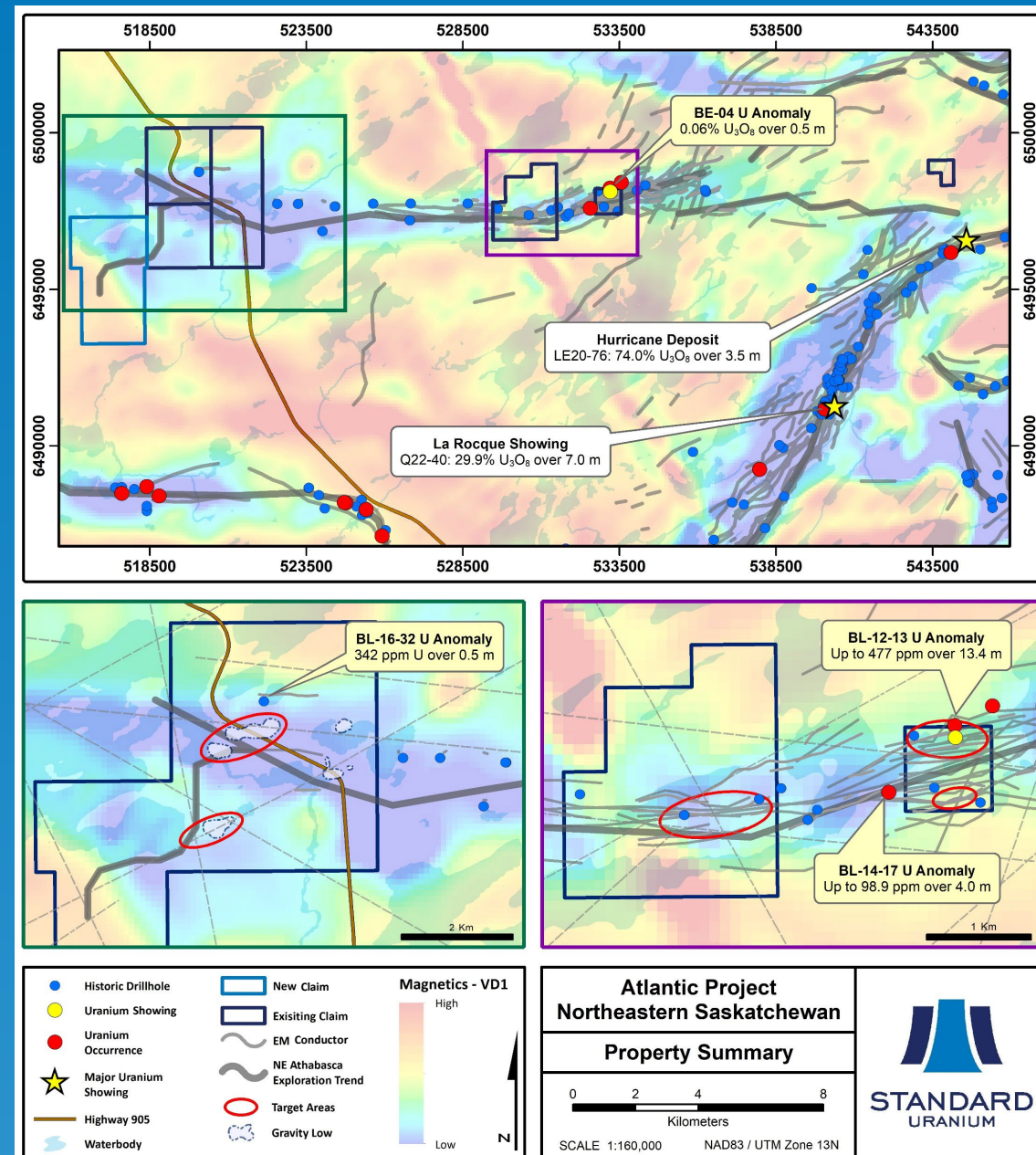
High-priority drill targets identified, **New gravity low anomalies** coinciding with strong EM conductors and historical uranium intersections



**Inaugural drill program planned for winter 2024; JV funded**



**Ya' thi N éné agreement in place, fully permitted**



# Canary Project

*7,302 Hectares; Drill-Ready Targets; Active 3-Year Option Deal*



High-resolution ground-based Induced Polarization/Resistivity survey; Mapping cross-cutting structures and potential **alteration halos** in sandstone and basement rocks



Extremely underexplored; **Elevated uranium and prospective alteration** in historical drill holes CRK-137 and HL-07-01



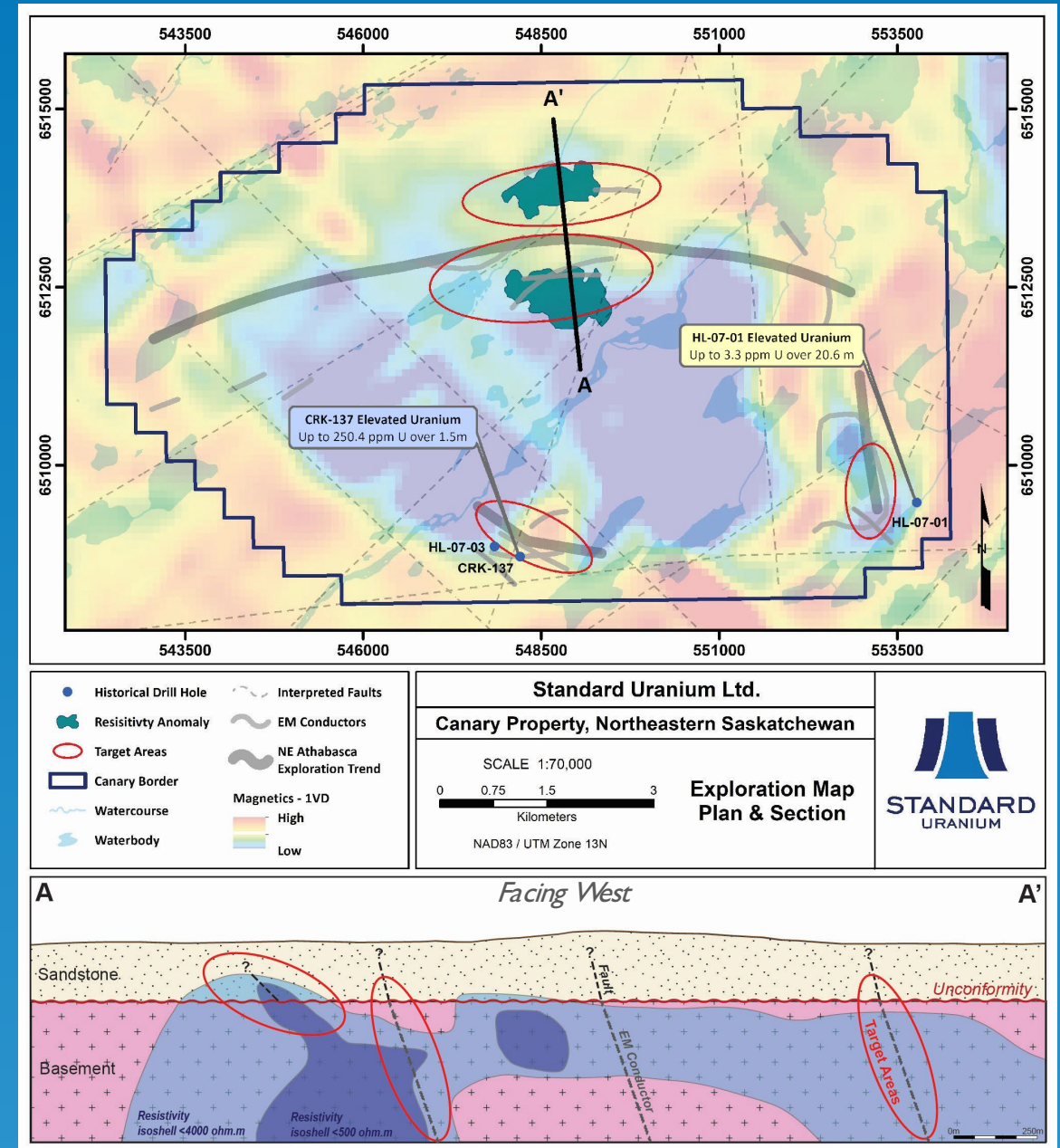
High-priority drill targets identified, **highly anomalous geophysics** resembling other major high-grade uranium deposits in the Eastern Athabasca basin



**Inaugural drill program planned for spring 2024; JV funded**



**Ya' thi Néné agreement in place, fully permitted**





# Ascent Project

*7,465 Hectares; 100% Owned; Drill-Ready Targets*



Airborne TDEM survey; Further define and model the **conductive exploration corridors** on the project, coincident with **gravity-low anomalies**



Shallow exploration targets - <50m to UC; **Anomalous uranium** in historical boulder samples and lakebed geochemistry, including key pathfinder elements



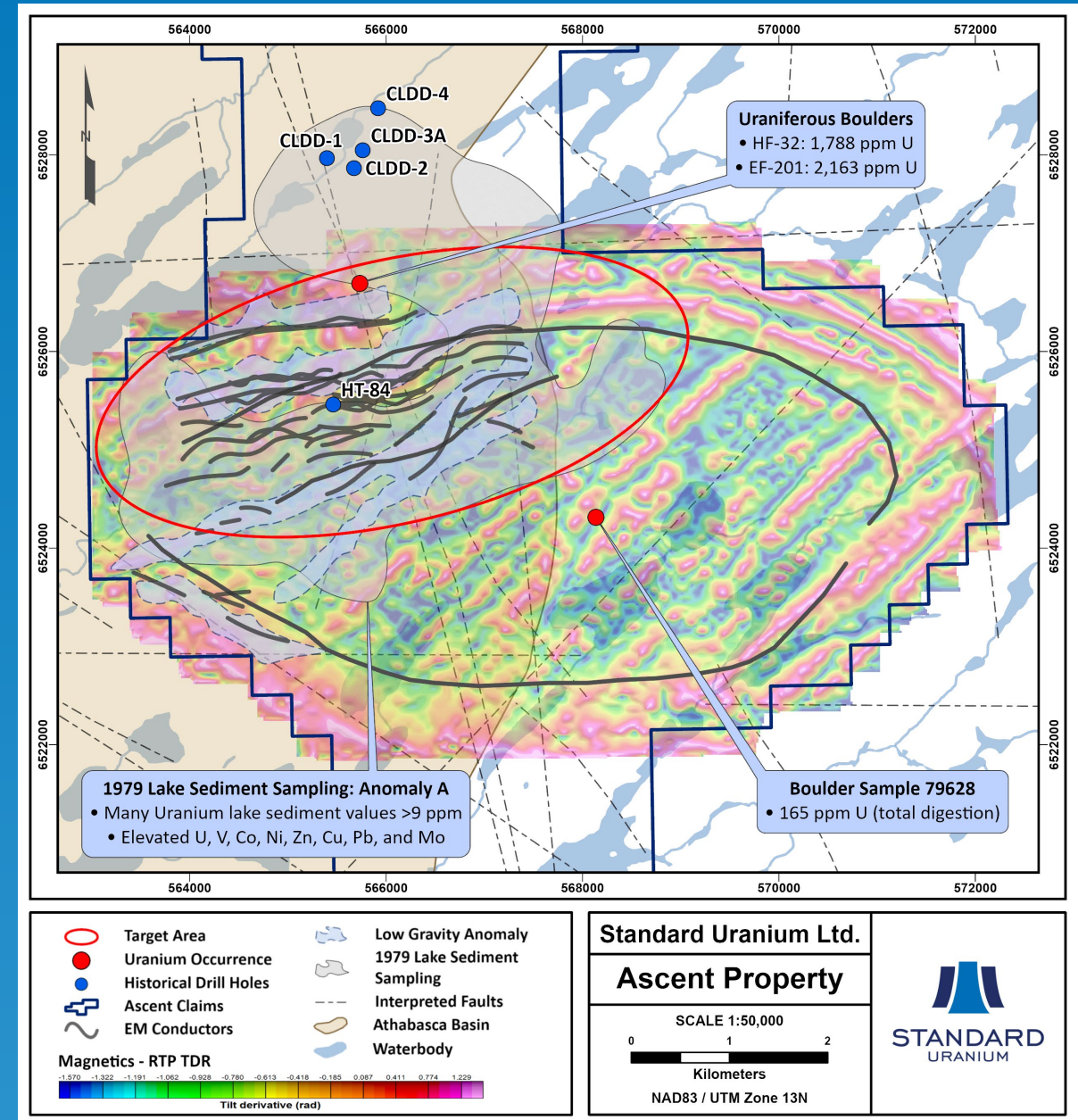
High-priority drill targets identified; **EM anomaly** resembles other major high-grade uranium deposits in the Eastern Athabasca basin



**Inaugural drill program planned for spring 2024; JV funded**



**Ya' thi Néné agreement in place, fully permitted**





# Rocas Project

*3,152 Hectares; 100% Owned*



5.5 kilometers of a northeast trending magnetic low / electromagnetic (EM) conductor corridor; hosting several **uranium anomalies**



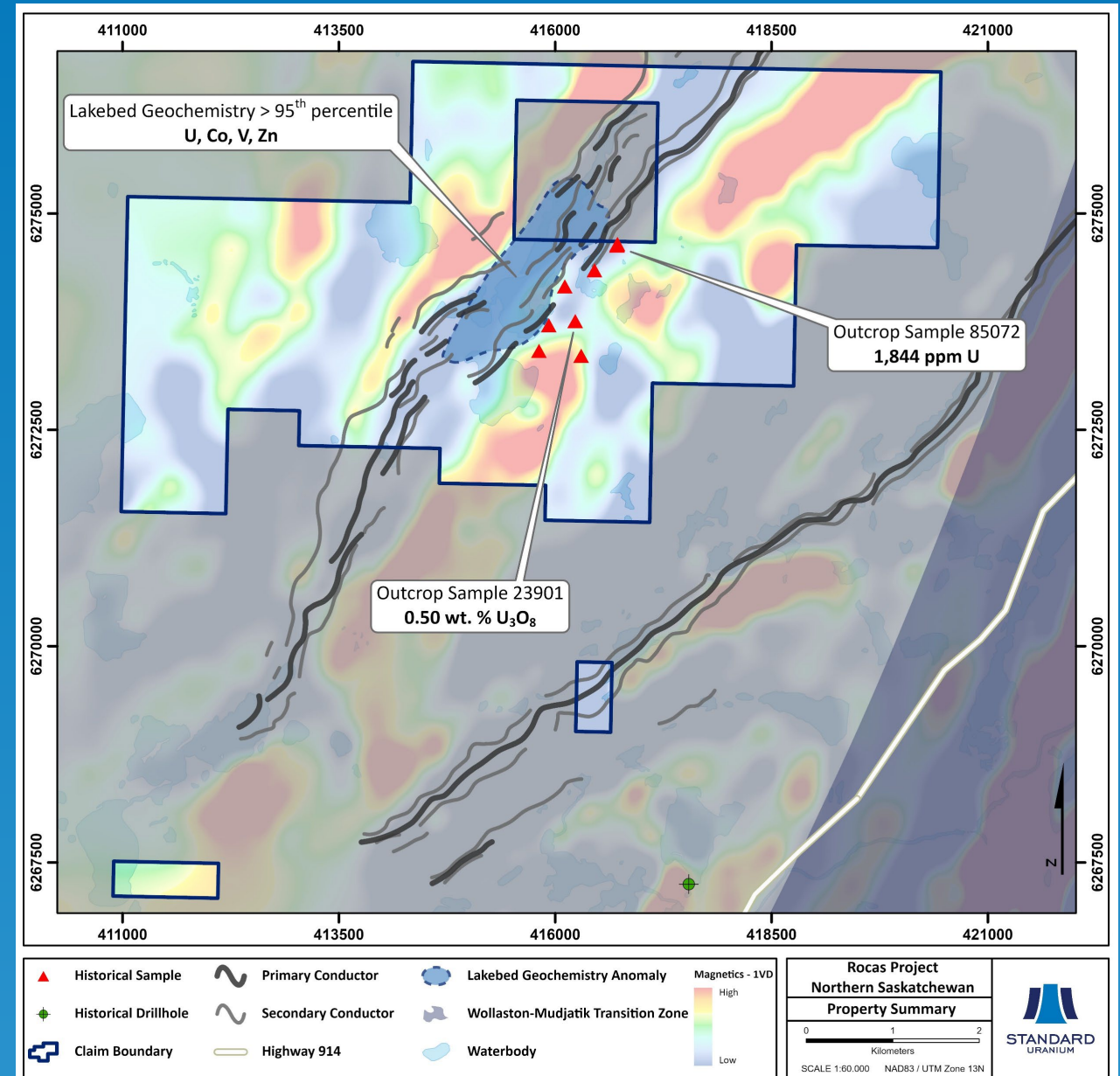
Underexplored; Historical surface uranium occurrences up to **0.5%  $U_3O_8$**  have not been drill-tested



Priority drill target areas have been identified for high grade uranium mineralization within metasedimentary and orthogneissic basement rocks



**Exploration Plans:**  
2024 H2 – Mapping/prospecting and geophysical program  
2025 H2 – Inaugural drill program



# Corvo Project

*12,267 Hectares; 100% Owned*



Two strong NE-SW magnetic low trends on the property coincident with EM conductors extending ~14 km in length



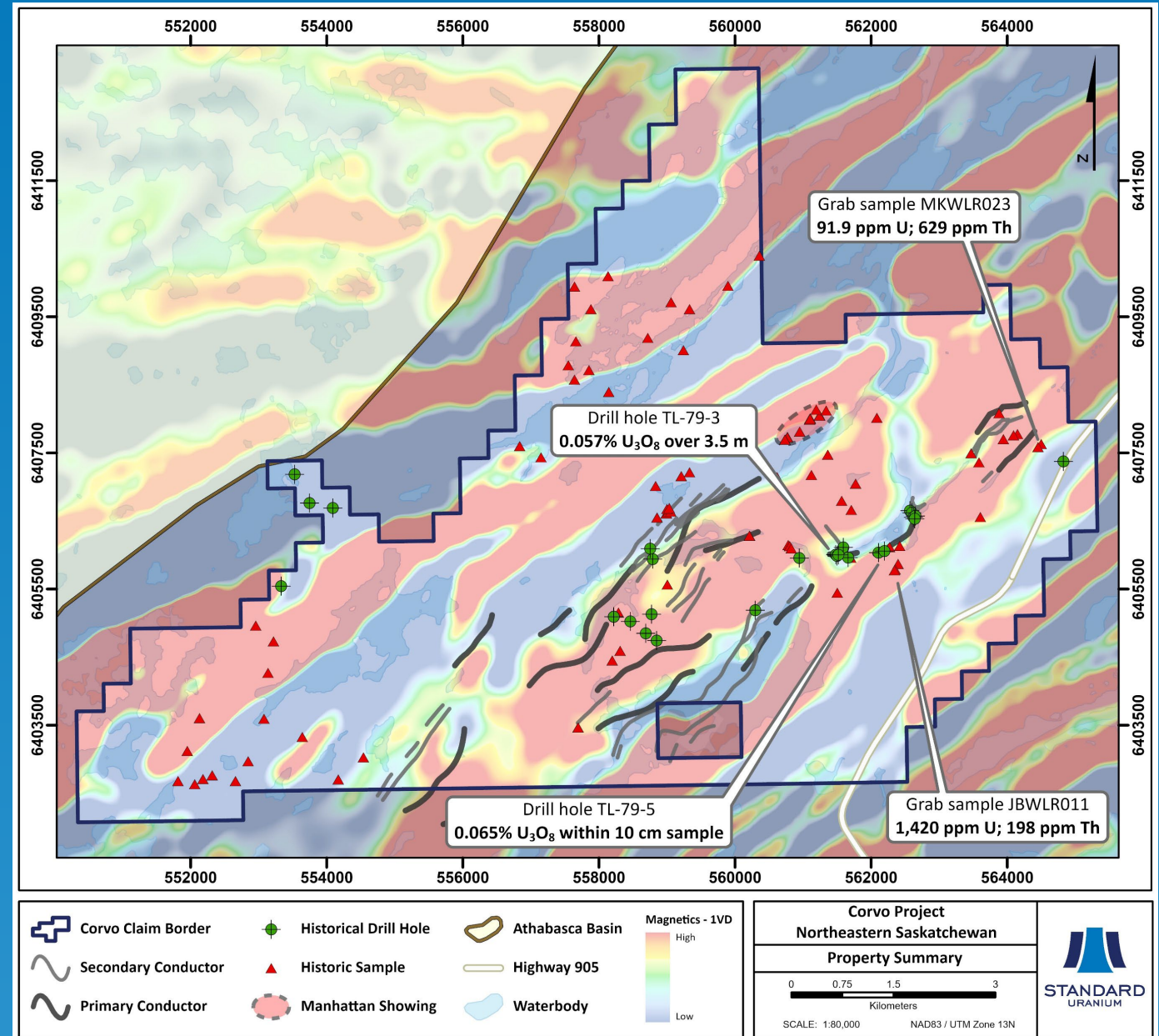
Uranium mineralization is present along a strike length of 800 m in drill holes TL-79-3 (0.057%  $U_3O_8$  over 3.5 m) to TL-79-5 (0.065%  $U_3O_8$  over 0.1 m) within the east-central claims



Property is road accessible in the infrastructure-rich eastern Athabasca Basin



Exploration Plans:  
2024 H2 – Mapping/prospecting & geophysical prog.  
2025 H2 – Inaugural drill program





# Cable Bay SW Project

*3,158 Hectares; 100% Owned*



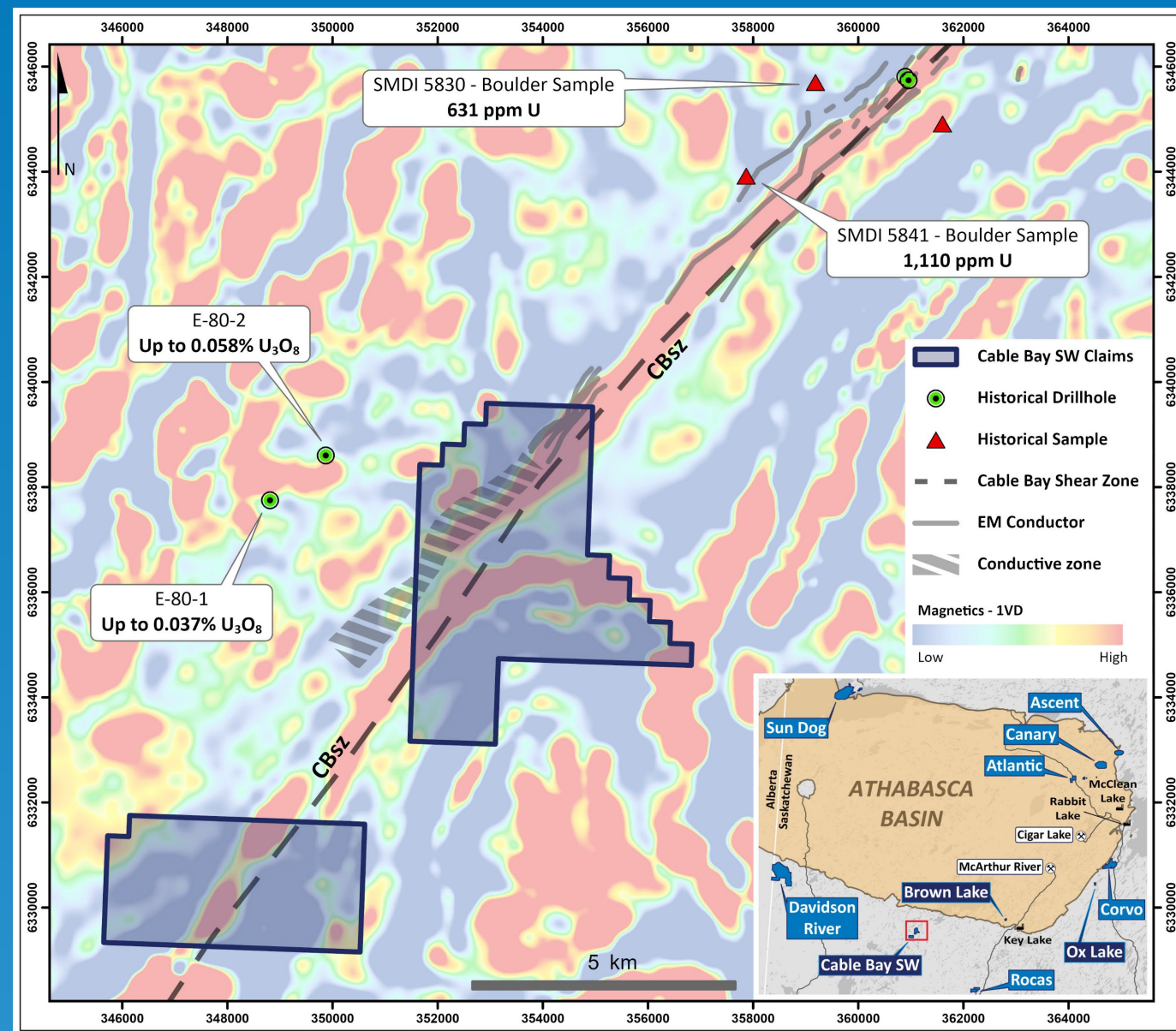
8.6 km of the **Cable Bay Shear Zone (CBSZ)**, a regional NE-SW trending structural corridor flanked by magnetic gradients with a magnetic low / EM anomaly paralleling the northwestern flank of the CBSZ



A left-lateral break in the magnetic high corridor tying into the hinge of an interpreted fold structure of a metasedimentary unit on the northern claim block



**Underexplored**; Several uranium occurrences proximal to and along strike of the structural corridor on the property



# Brown Lake Project

*312 Hectares; 100% Owned*



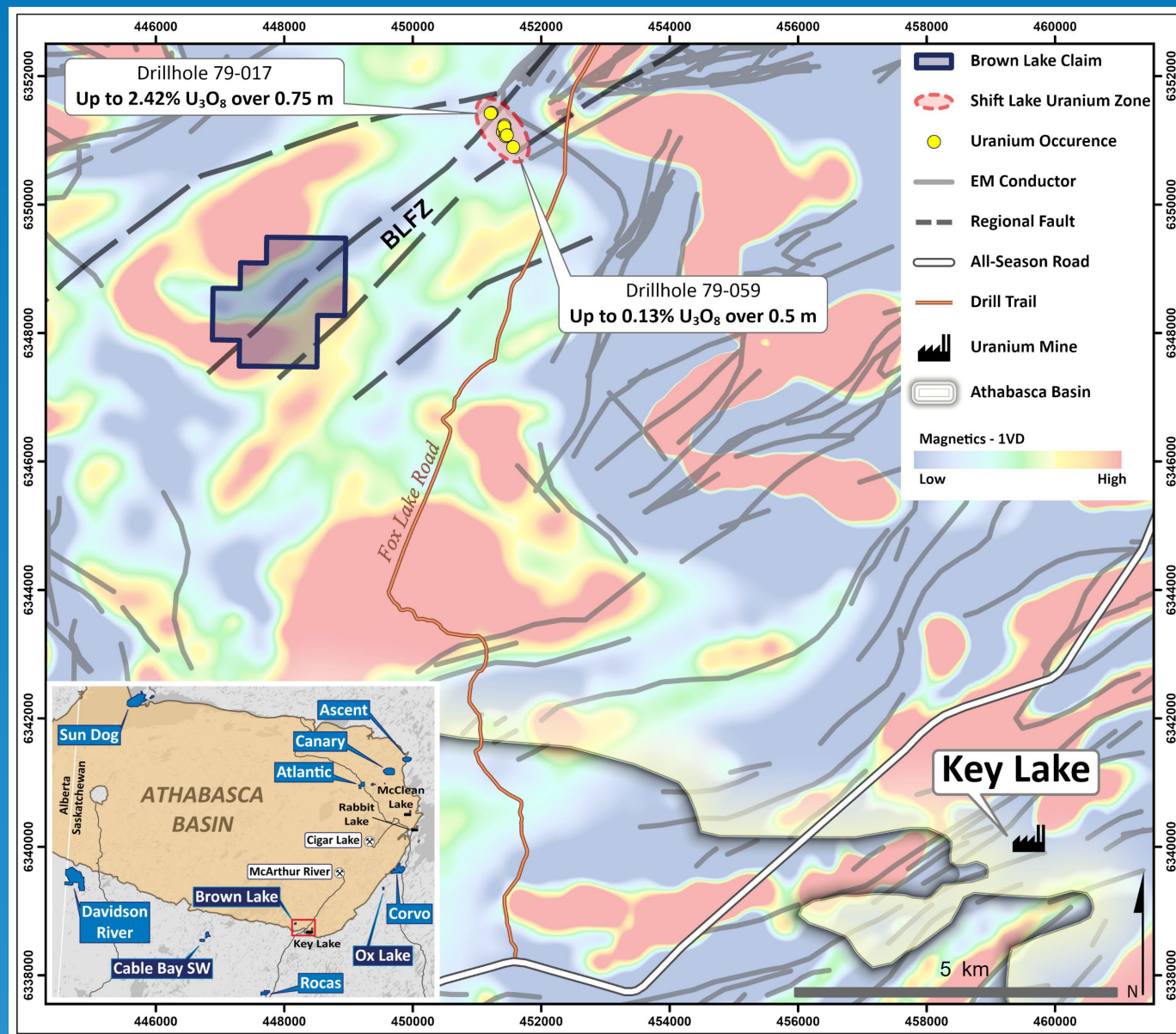
2.4 kilometres of a northeast trending magnetic low coincident with a faulted corridor on the property



Underexplored; structural, magnetic low corridor remains untested and is 4 km along strike of the Shift Lake Uranium Zone, in which several mineralized drill holes returned uranium assays greater than **0.10%  $U_3O_8$**  and up to **2.42%  $U_3O_8$  over 0.75 m** in drill hole 79-17



Property is **road accessible** in the infrastructure-rich eastern Athabasca Basin





# Ox Lake Project

*397.5 Hectares; 100% Owned*



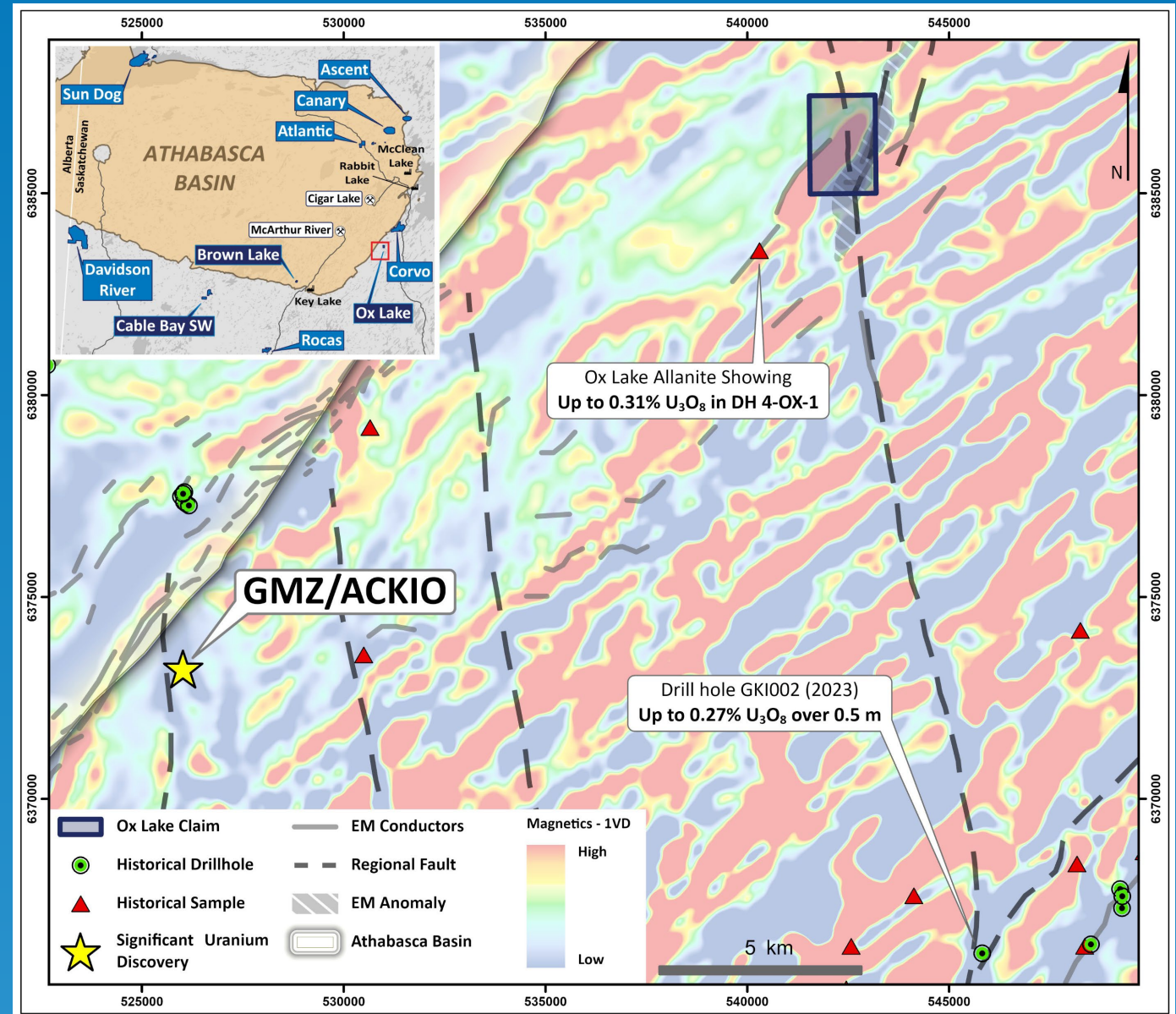
2 kilometres of a NE-SW trending magnetic low / EM conductor corridor bisected by a N-S oriented Tabbernor-style fault



2010 Gamma and radon soil/lake survey detected **radioactivity and anomalous radon** situated proximal to the structural corridor on the property



A spatial relationship exists between uranium mineral occurrences and the property; the McArthur River Mine, the Gemini Mineralized Zone, the ACKIO uranium discovery, the Ox Lake Allanite Showing hosting up to **0.31%  $U_3O_8$**  in drill hole **4-OX-1**, and the intersection of **0.27%  $U_3O_8$**  over 0.5m in drill hole **GKI002** (CanAlaska Uranium/Basin Energy)





# CORPORATE INFORMATION

## Trading Symbols

TSXV **STND**  
TSX VENTURE

OTC **STTDF**  
US OTCBB

FWB **9SU**  
FRANKFURT

## Capital Structure

230.6 MM  
ISSUED &  
OUTSTANDING  
SHARES

322.7 MM  
FULLY  
DILUTED

\$20.76 M  
MARKET  
CAPITALIZATION

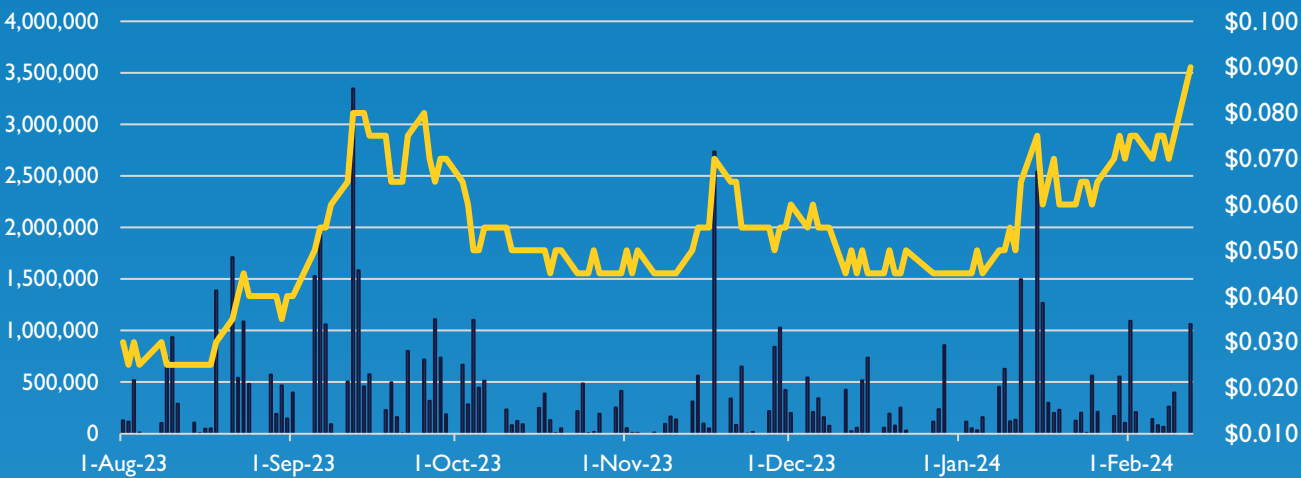
## Strategic Shareholders

- Management & Insiders
  - Sachem Cove
  - Palos

- L2 Capital
  - Tribeca Investment Partners
  - Orca

Share Price <sup>1</sup>	\$0.09
Market Capitalization <sup>1</sup>	\$20.76M
Working Capital <sup>1</sup>	\$1.18M

STND Weekly Volume & Closing Price August 1, 2023 – February 12, 2024



- Sprott Asset Management 10%
  - Maple Leaf
  - Middlefield
- Probity
  - Pathfinder
  - Parkwood



STANDARD  
URANIUM

TSX-V STND | OTC STTDF | FWB 9SU

THANK YOU

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[www.StandardUranium.ca](http://www.StandardUranium.ca)