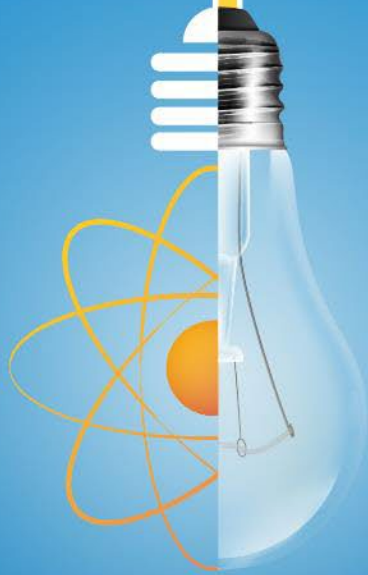




FINDING THE FUEL FOR A

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.

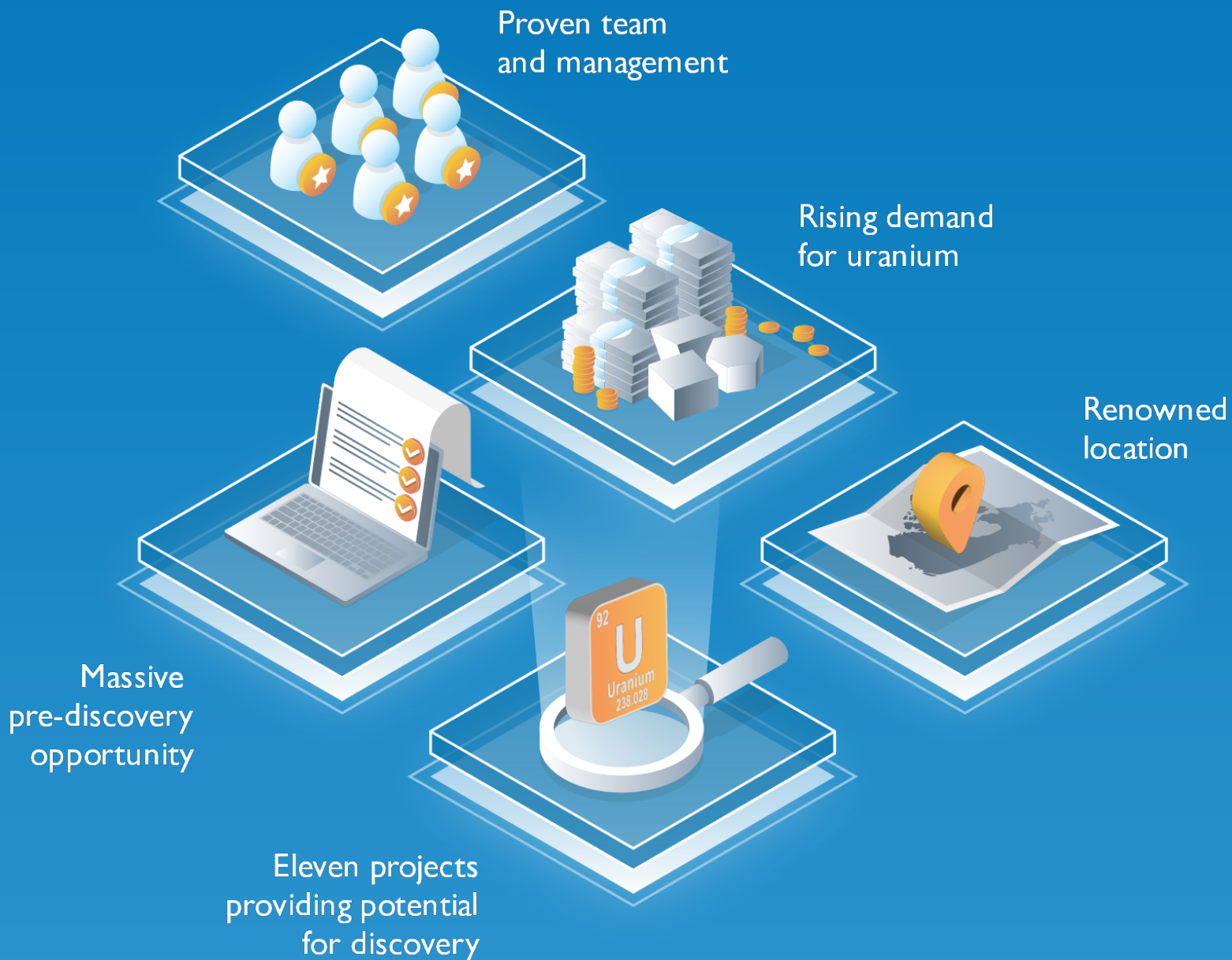
209,867 acres across the Athabasca Basin in 11 projects.



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

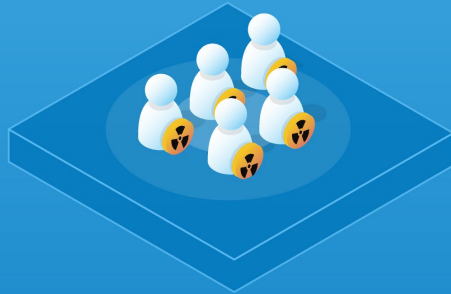
- 2024 Drill programs at Sun Dog and Eastern Basin projects (H1) and Davidson River (H2), inaugural exploration on Corvo and Rocas (H2)



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

Essentials for Success in Uranium Exploration

01 Experienced Geologists



02 Projects with Geological Merit



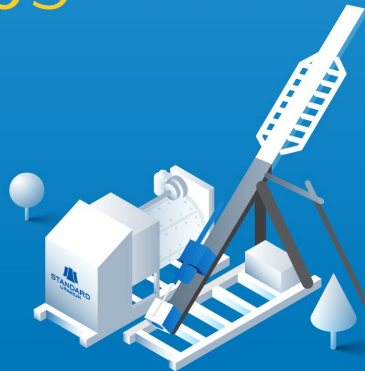
03 First Nations & Community Agreements



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

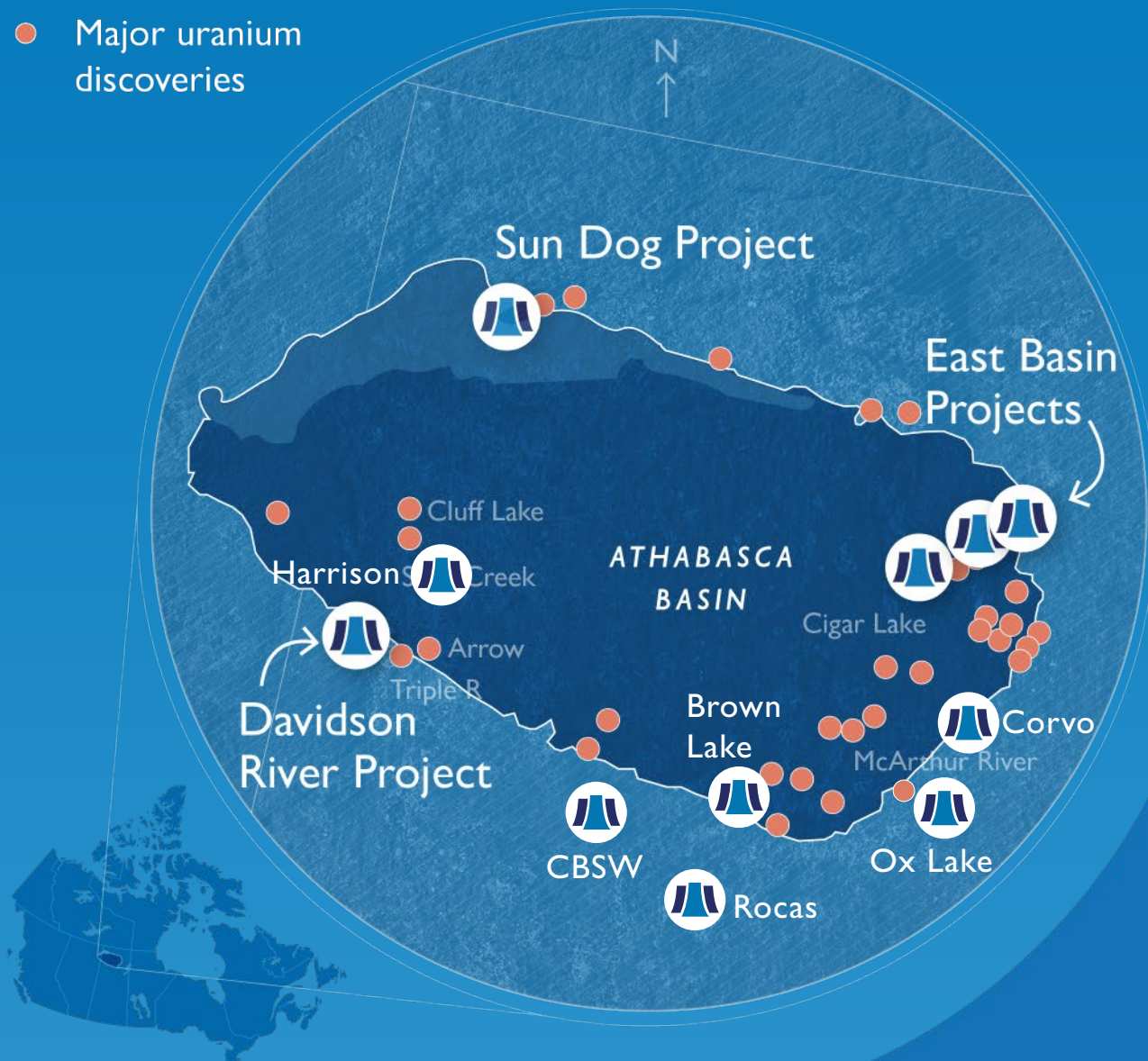
Driving shareholder value through focused advancement of non-core projects with strategic partners

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

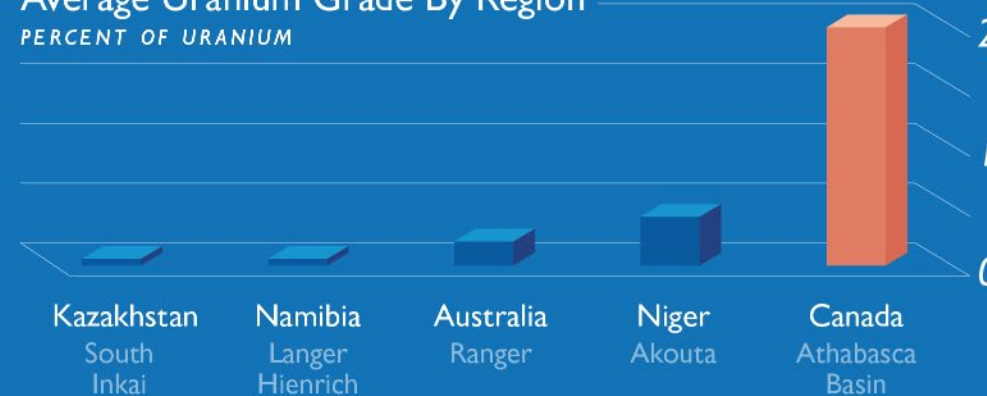


High-quality geological data



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 >\$9.0M 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 the Davidson River project.

Standard Uranium Ltd. 2024 Exploration Schedule



2024 Exploration Total = \$9.0M

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.

- Significant uranium deposit
- Exploration corridors
- Highway
- Interpreted corridor links

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% U₃O₈

Inferred
32.8M lbs
1.22% U₃O₈

ARROW

Meas. & Ind.
256.7M lbs
3.10% U₃O₈

Inferred
80.7M lbs
0.83% U₃O₈

SPITFIRE

Drill Hole: HK16-53
14.3m of 7.57% U₃O₈
including 1.3m of 53.3% U₃O₈

JR ZONE

Drill Hole: PLN22-035
15.0m of 6.97% U₃O₈
including 5.5m of 18.6% U₃O₈

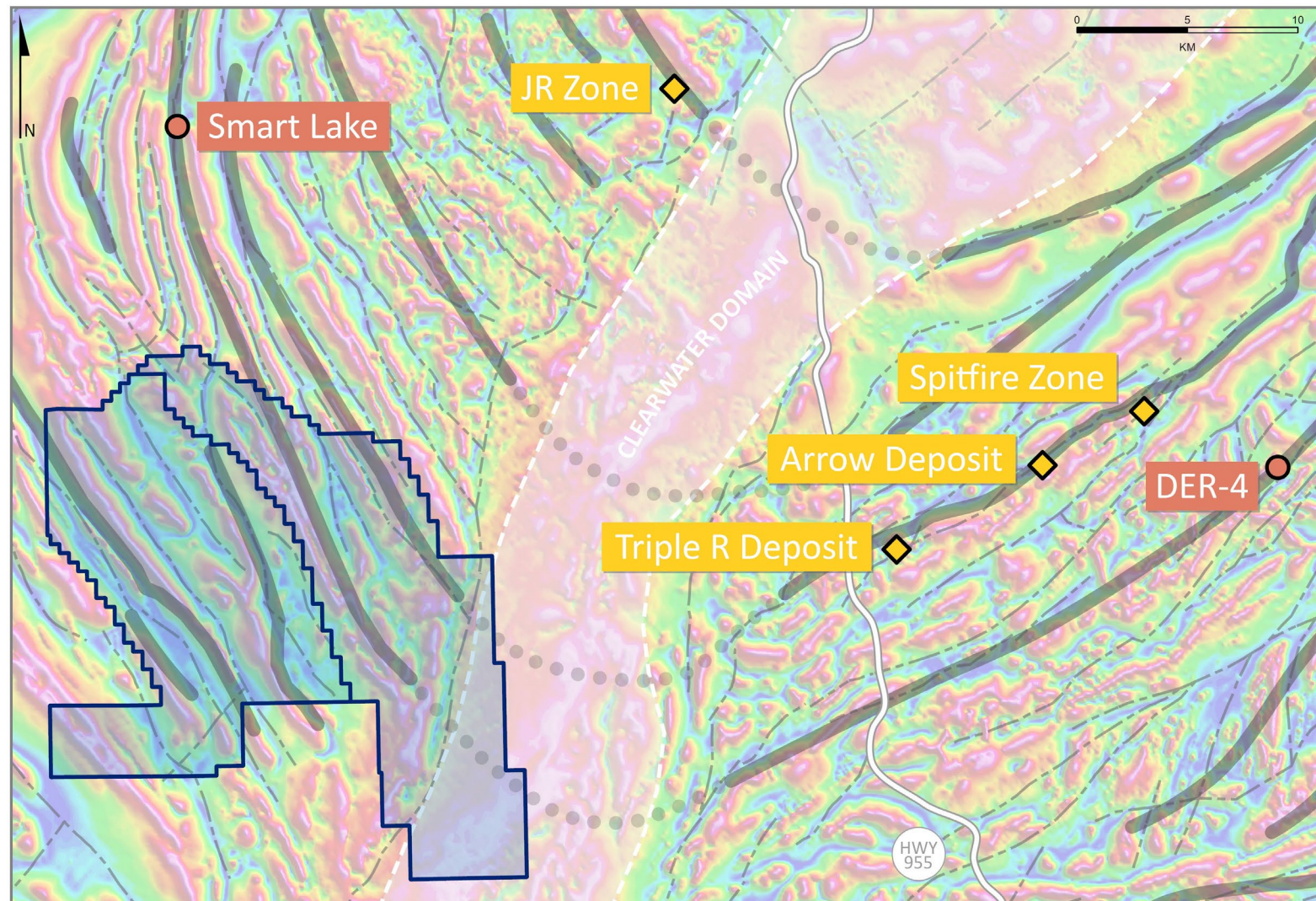
Following the Trends



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
-  Uranium Occurrence
-  Claims Border
-  Exploration Corridors
-  Interpreted corridor links
-  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.**

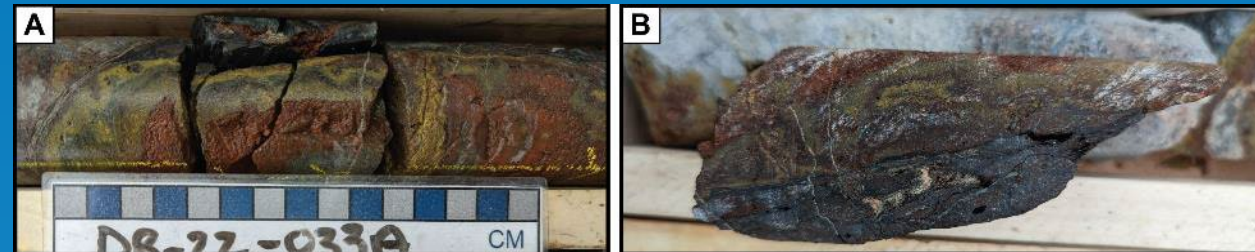


Thunderbird Corridor: first drill holes ever to test geophysics targets – Strongly graphitic structures, **redox fronts**, and **clay-dravite alteration.**



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.

Future Exploration

SUMMER/FALL 2024

DRILL PROGRAM

Refined Targets, Extended Exploration Strike Length



Aggressive step-out holes along strike to test additional targets refined by drilling to date, in addition to **NEW CLAIMS** staked.



REFINED TARGETS: follow up along strike of alteration (dravite), geochemistry, and stacked **graphitic structures**.



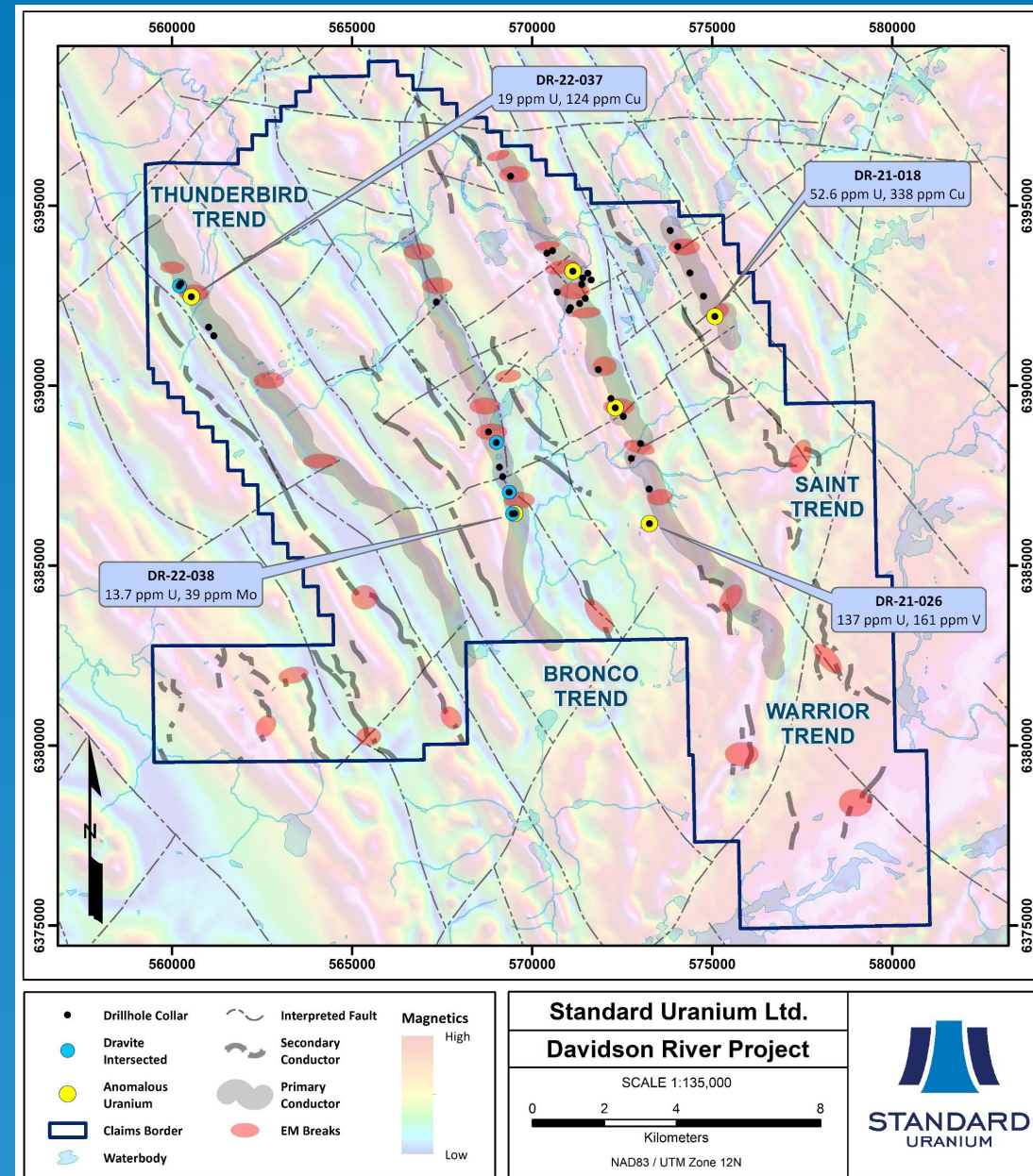
GoldSpot AI/Machine-learning technology incorporated into drill hole targeting and prioritizing - **NEW TARGETS**.



Fully permitted with First Nations agreement signed.



Several kilometres of untested conductor strike length with massive discovery potential remain; Drilling planned to commence late summer/fall 2024.



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.

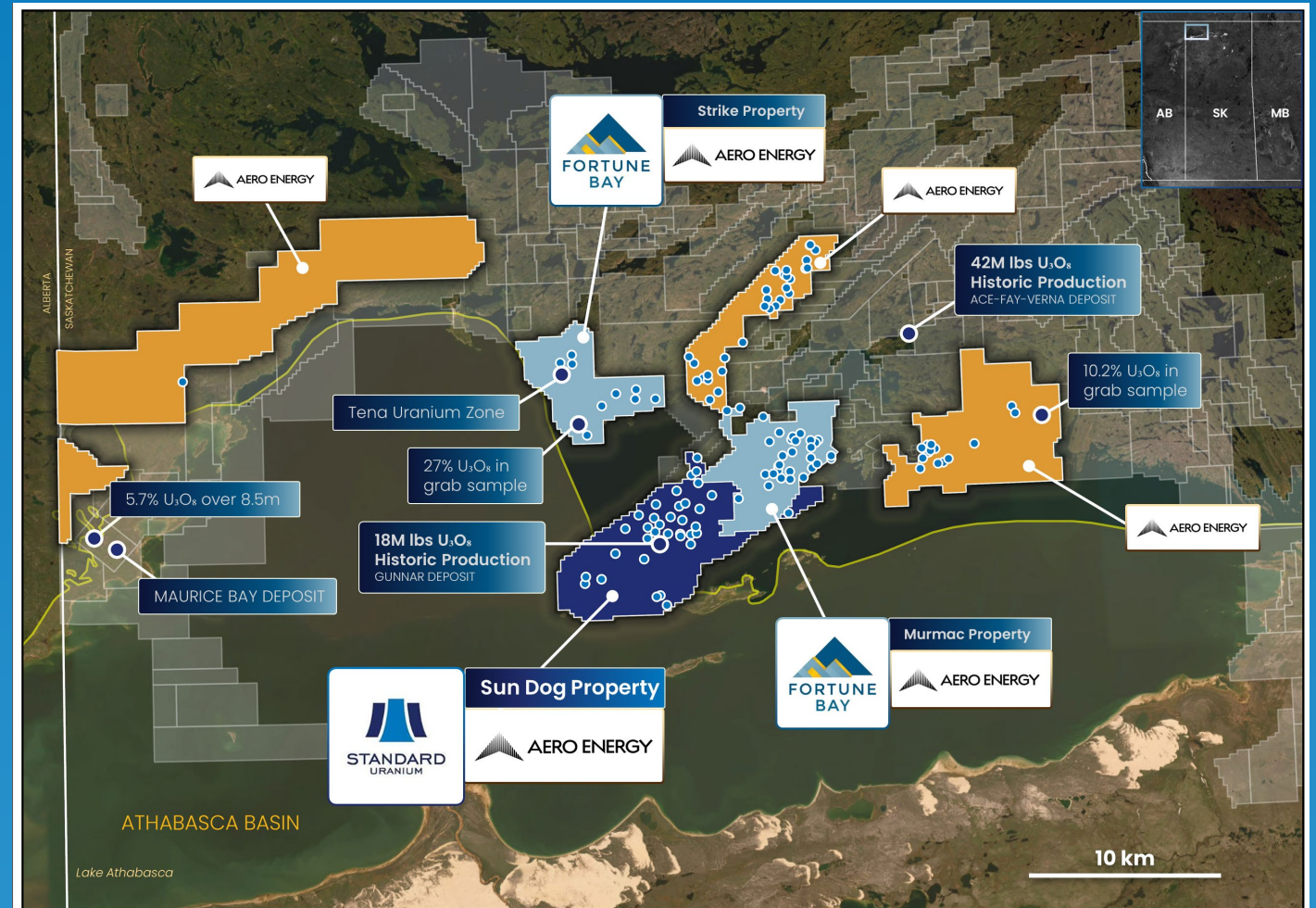
Johnston-Bay Targets



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

Ongoing Exploration



High-priority follow-up island targets and untested mainland targets have been identified for continued drill programs – 2024 geophysics and drill program funded by 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 – VTEM+ survey underway



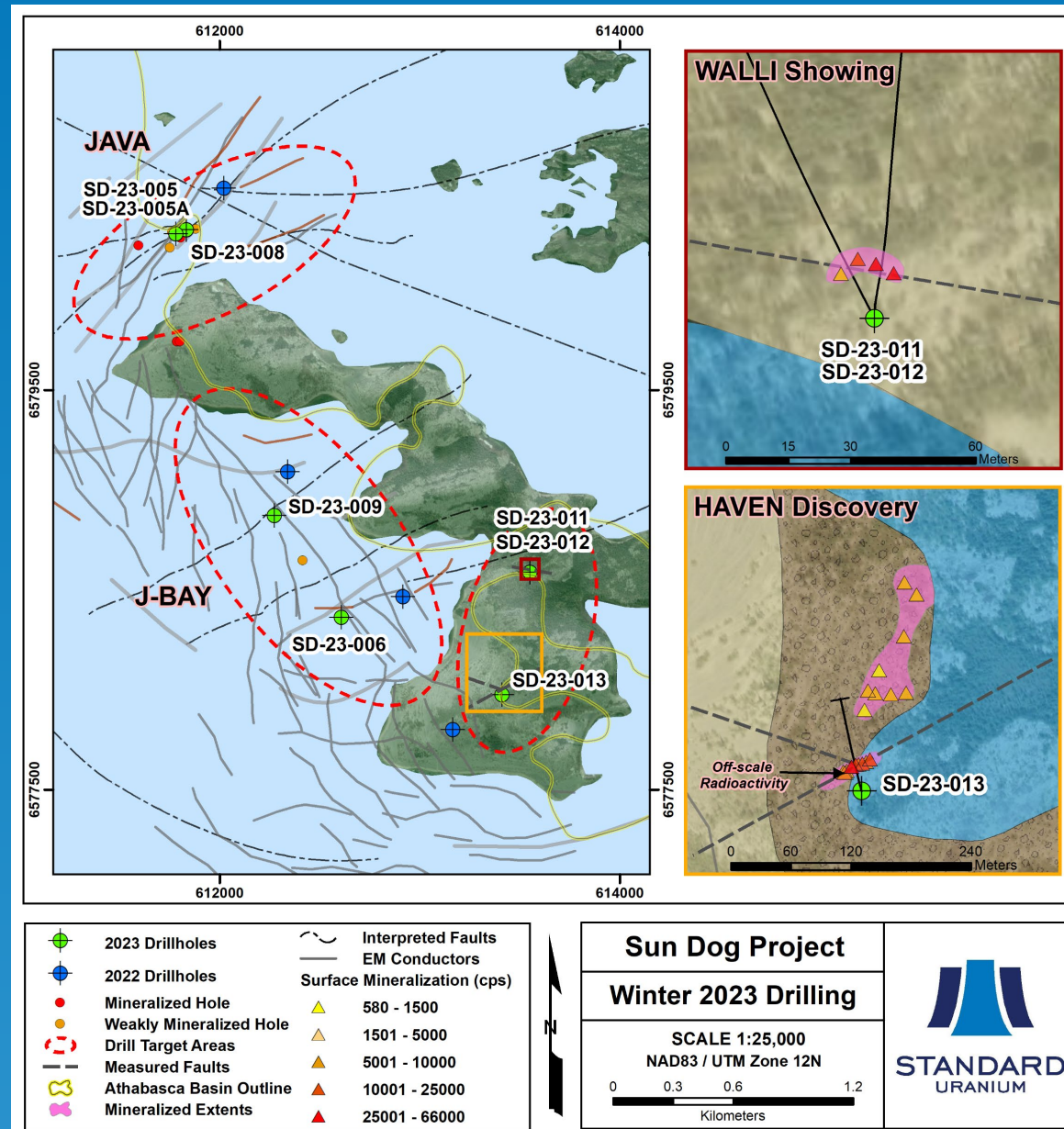
Ya' thi Néné Exploration Agreement in place.



Continued geological mapping and prospecting on surface planned + Summer 2024 drill program



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; Active 3-Year Option Deal

Inaugural Winter 2024 Drilling – 3,316 m in 5 drill holes



High-resolution ground gravity survey over western claim blocks; Refined target areas through identification of potential areas of hydrothermal alteration – Confirmed by 2024 drilling



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



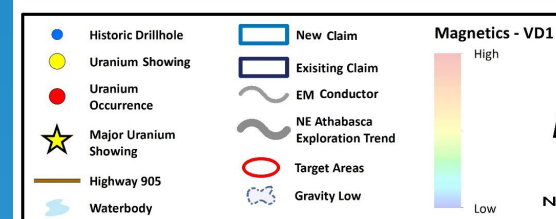
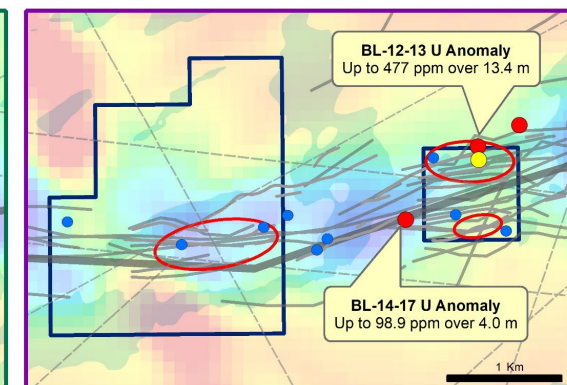
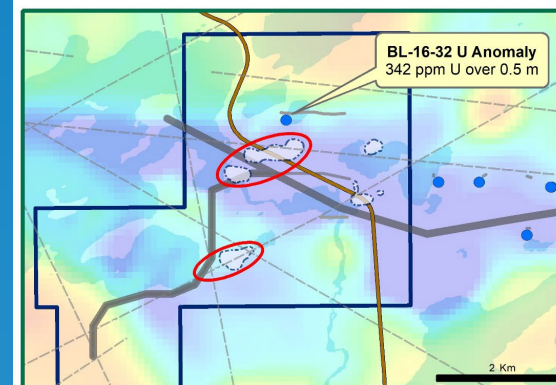
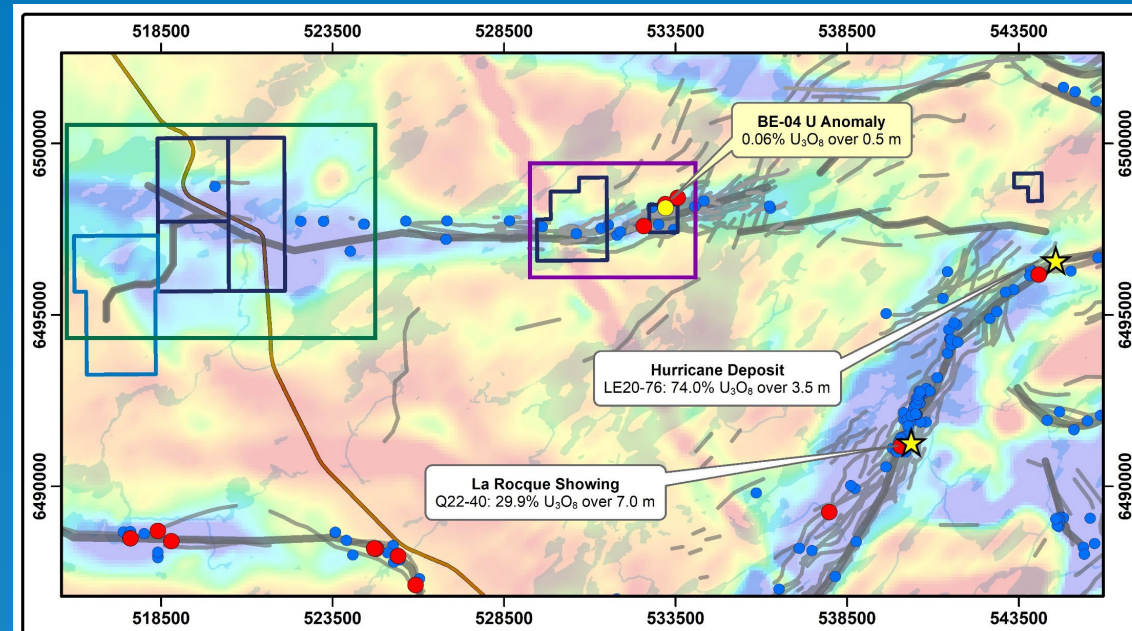
First five high-priority drill targets tested – Identified anomalous radioactivity >300 cps in all holes and confirmed a uranium-fertile system across the Project



Inaugural drill program complete, funded by JV partner ATCO Mining



Ya' thi Néné agreement in place, fully permitted



Atlantic Project
Northeastern Saskatchewan

Property Summary

SCALE 1:160,000 NAD83 / UTM Zone 13N

Canary Project

7,302 Hectares; Active 3-Year Option Deal

Inaugural Spring 2024 Drilling – Partner Funded



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



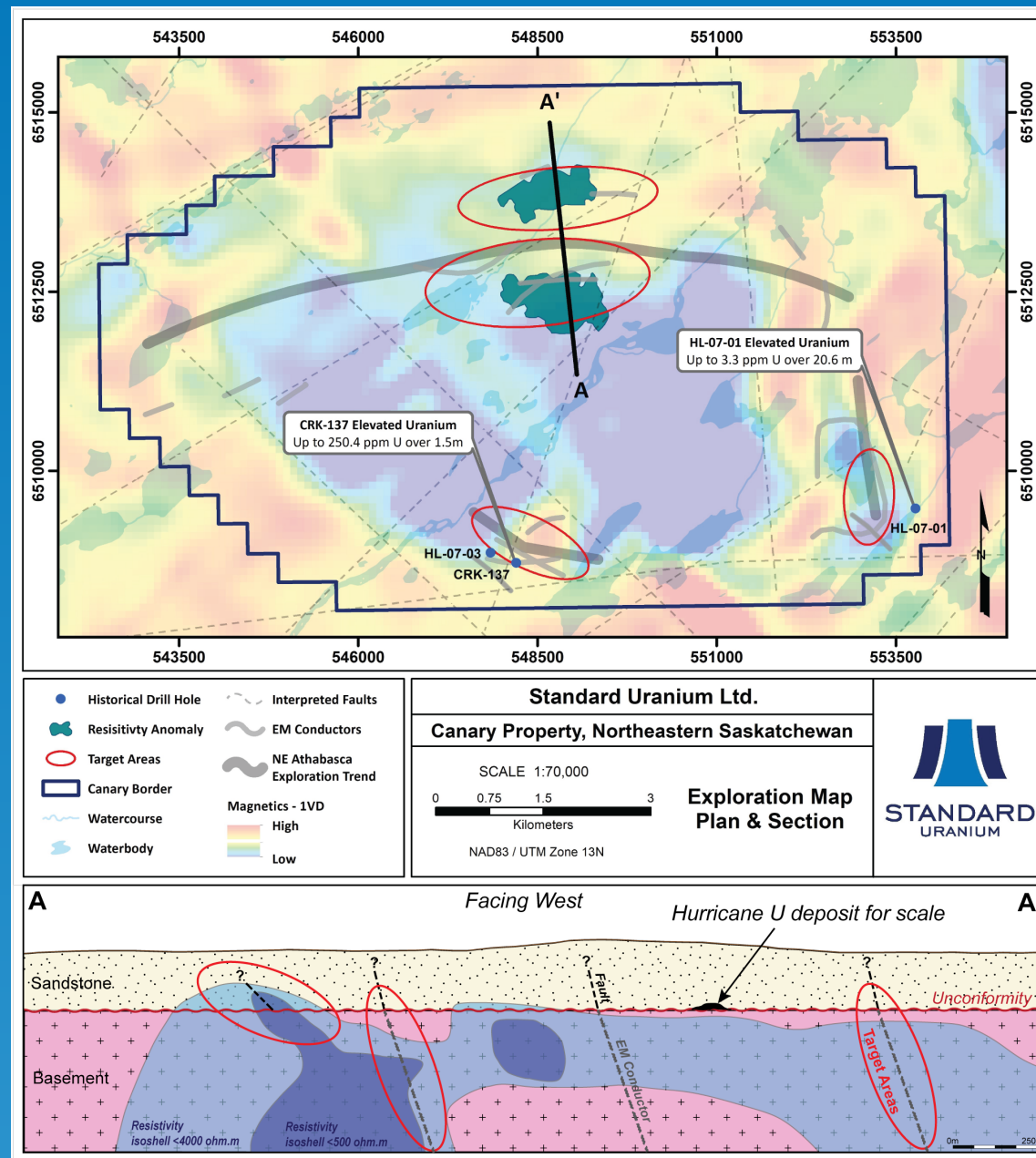
High-priority drill targets identified, **highly anomalous geophysics** resembling other major high-grade uranium deposits in the Eastern Athabasca basin



Inaugural drill program planned for spring 2024; Funded by JV partner Mamba Exploration



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



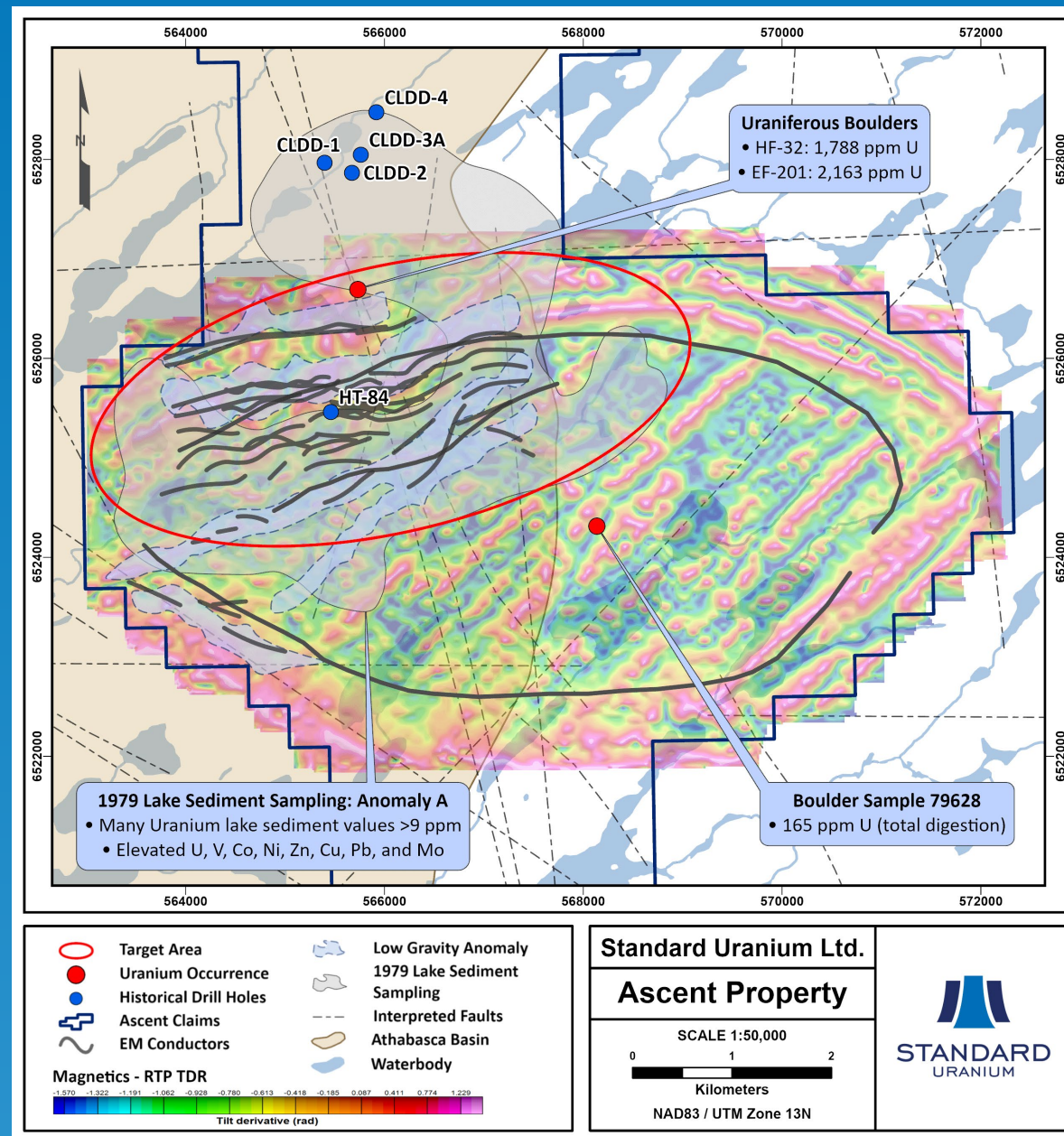
High-priority drill targets identified; **EM anomaly** resembles other major high-grade uranium deposits in the Eastern Athabasca basin



Inaugural drill program planned for spring 2024; JV funded



Ya' thi N éné 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**



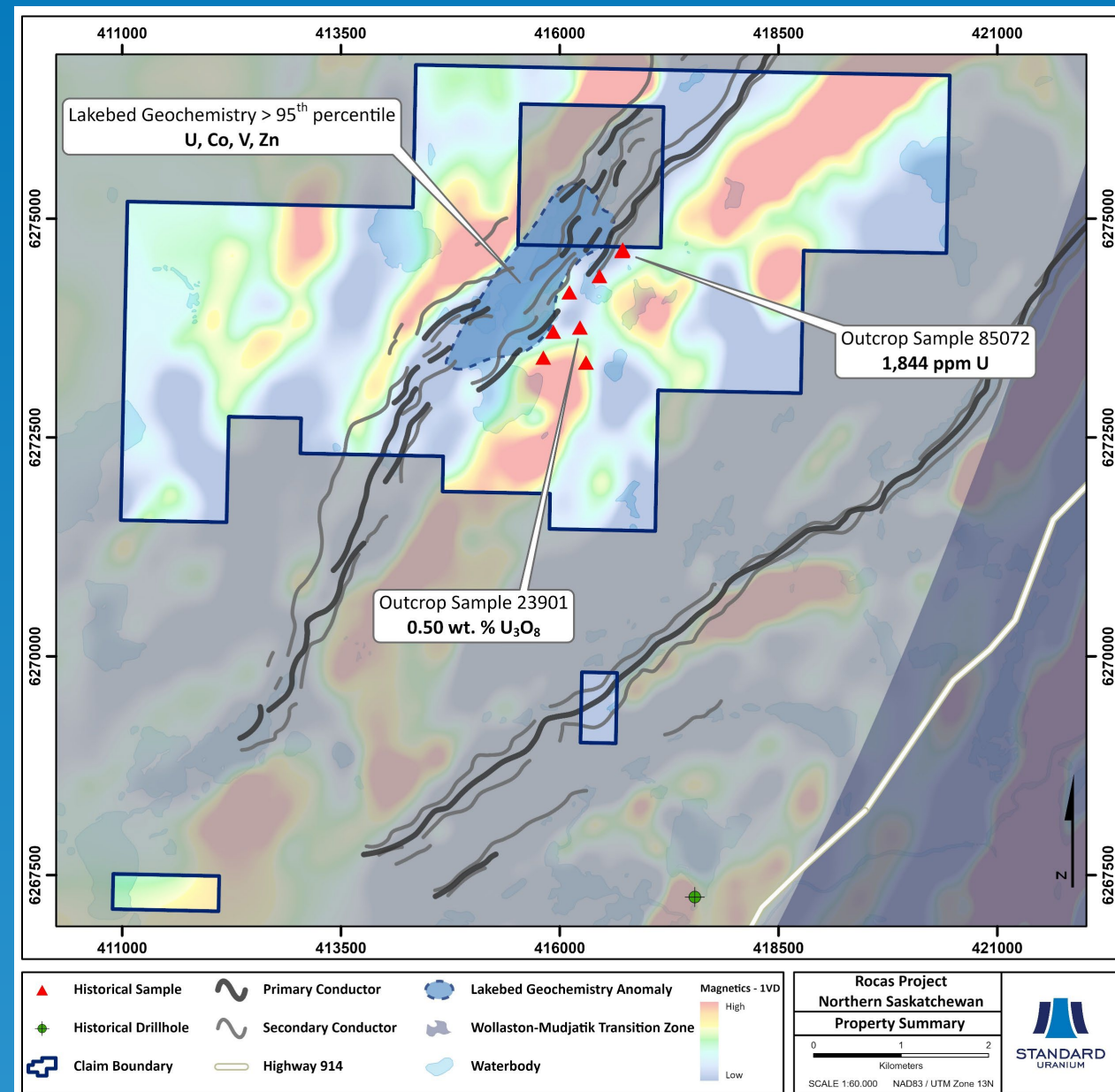
Underexplored; Historical surface uranium occurrences up to **0.5% U_3O_8** have not been drill-tested



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



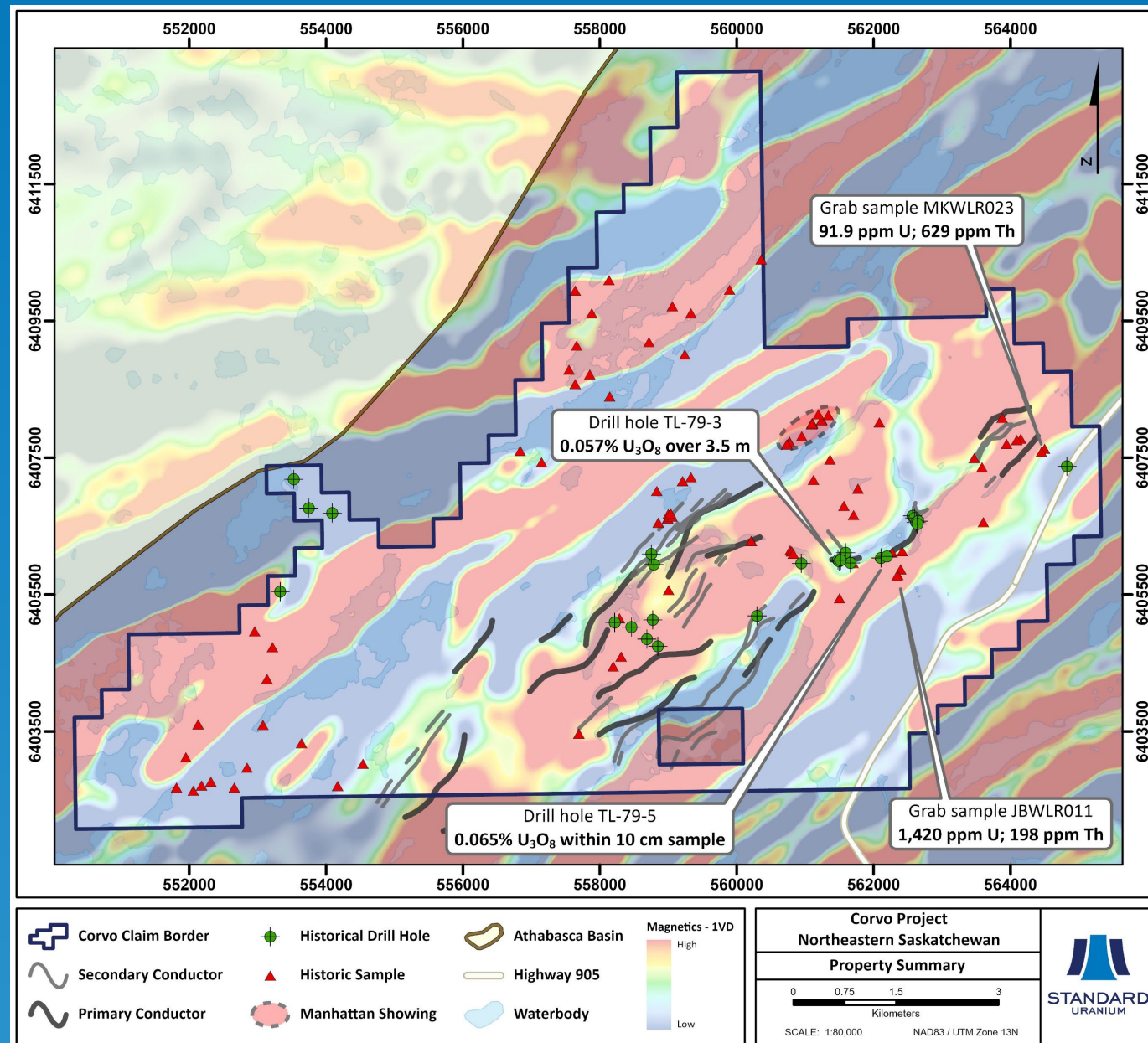
Uranium mineralization is present along a strike length of 800 m in drill holes TL-79-3 (0.057% U_3O_8 over 3.5 m) to TL-79-5 (0.065% U_3O_8 over 0.1 m) within the east-central claims



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



Exploration Plans:
 2024 H2 – Mapping/prospecting & geophysics
 2025 H2 – Inaugural drill program



CORPORATE INFORMATION

Trading Symbols

TSXV **STND**
TSX VENTURE

OTC **STTDF**
US OTCQB

FWB **9SU**
FRANKFURT

Capital Structure

46.1 MM
ISSUED &
OUTSTANDING
SHARES

64.2 MM
FULLY
DILUTED

\$9.68 M
MARKET
CAPITALIZATION

Strategic Shareholders

- ◆ Management & Insiders
- ◆ Sachem Cove
- ◆ Palos

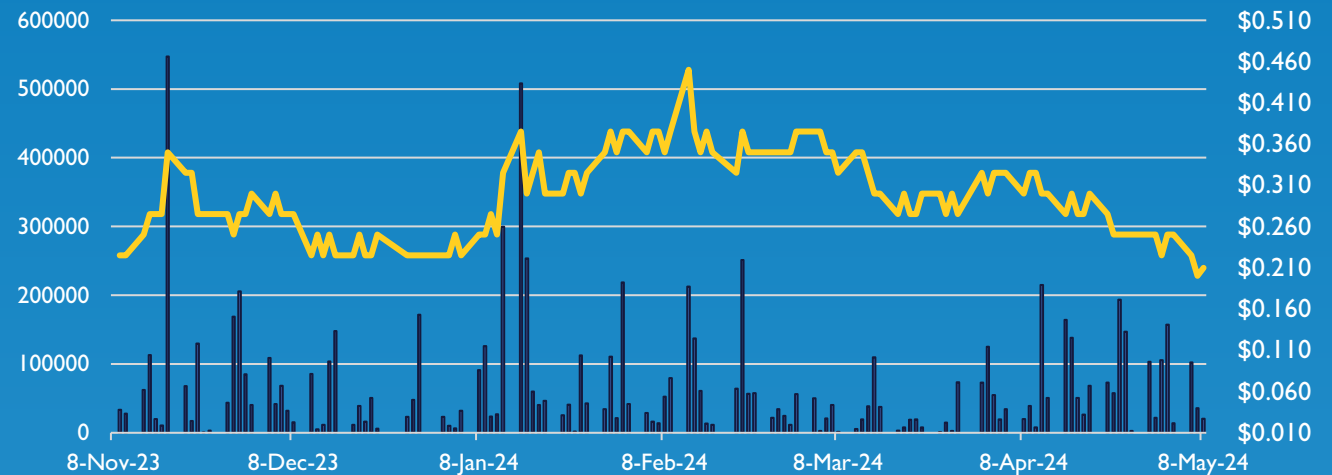
- ◆ L2 Capital
- ◆ Tribeca Investment Partners
- ◆ Orca

- ◆ Sprott Asset Management 10%
- ◆ Maple Leaf
- ◆ Middlefield

- ◆ Probity
- ◆ Pathfinder
- ◆ Parkwood

Share Price ¹	\$0.21
Market Capitalization ¹	\$9.68M
Working Capital ¹	\$1.41M

STND Weekly Volume & Closing Price November 08, 2023 – May 08, 2024





STANDARD
URANIUM

TSX-V STND | OTC STTDF | FWB 9SU

THANK YOU

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