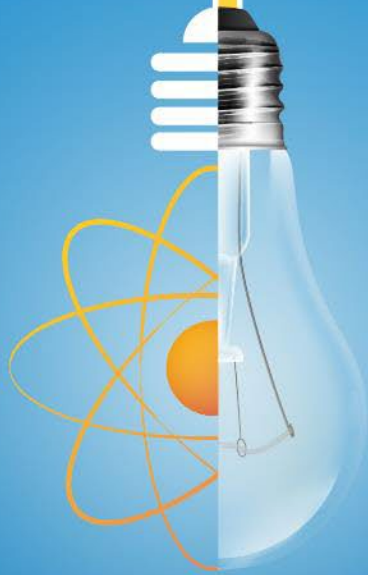




*FINDING THE FUEL FOR A*

# 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.

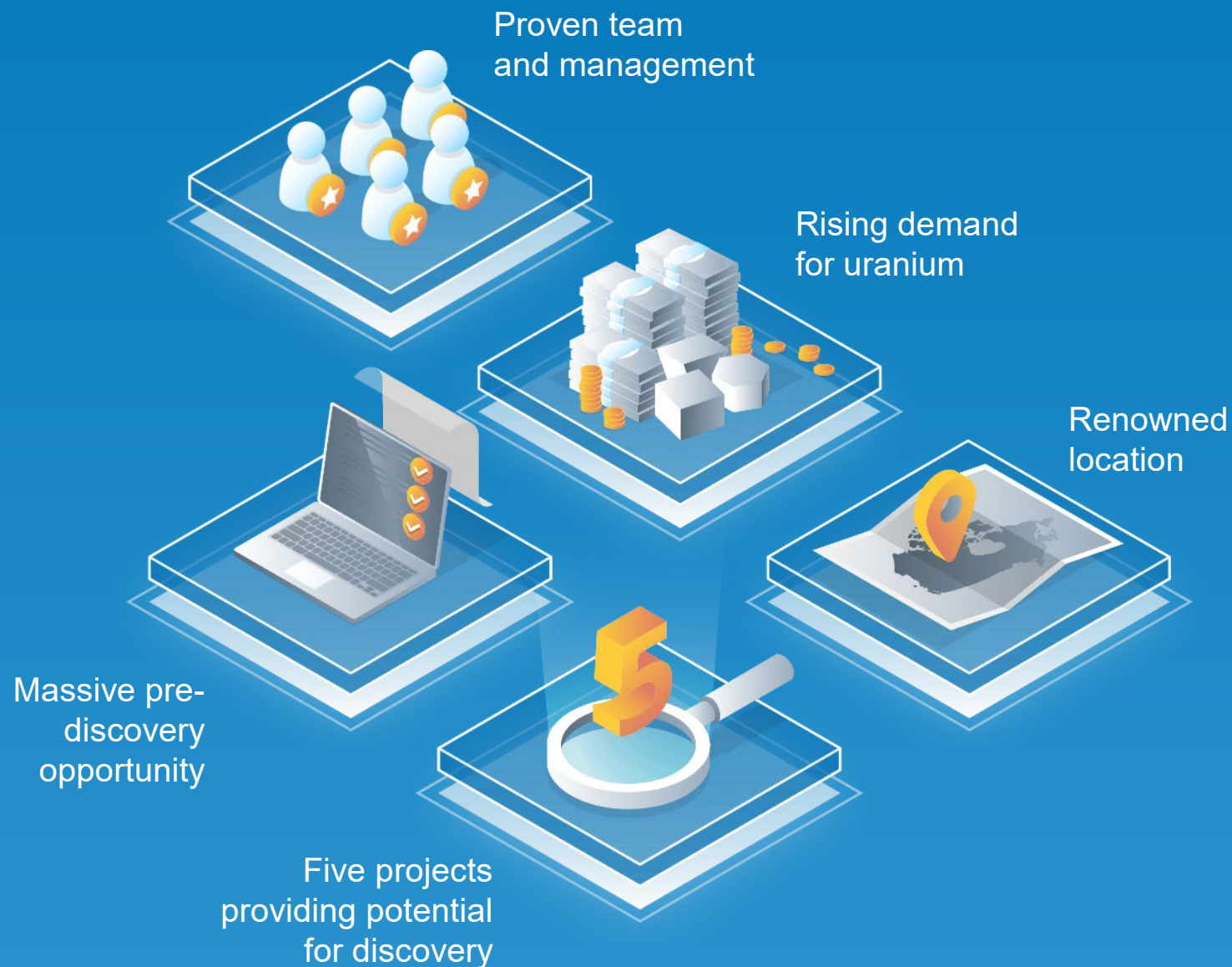


# WE FIND THE FUEL TO POWER A CLEAN ENERGY FUTURE

Standard Uranium's mission is to make a significant high-grade uranium discovery in the Athabasca Basin region of Saskatchewan, Canada; substantially increasing shareholder value.

# WHY INVEST? Standard Uranium

**Standard Uranium** is the fusion of all the elements needed to make the next big uranium discovery for the clean energy future.



# Company Snapshot

## STANDARD URANIUM

- Pre-discovery uranium company, TSXV:STND
- Largest exploration season in 2023

## FLAGSHIP PROJECT

- Davidson River Project in the Southwest Athabasca (SWA) Uranium District.

## STRONG TEAM

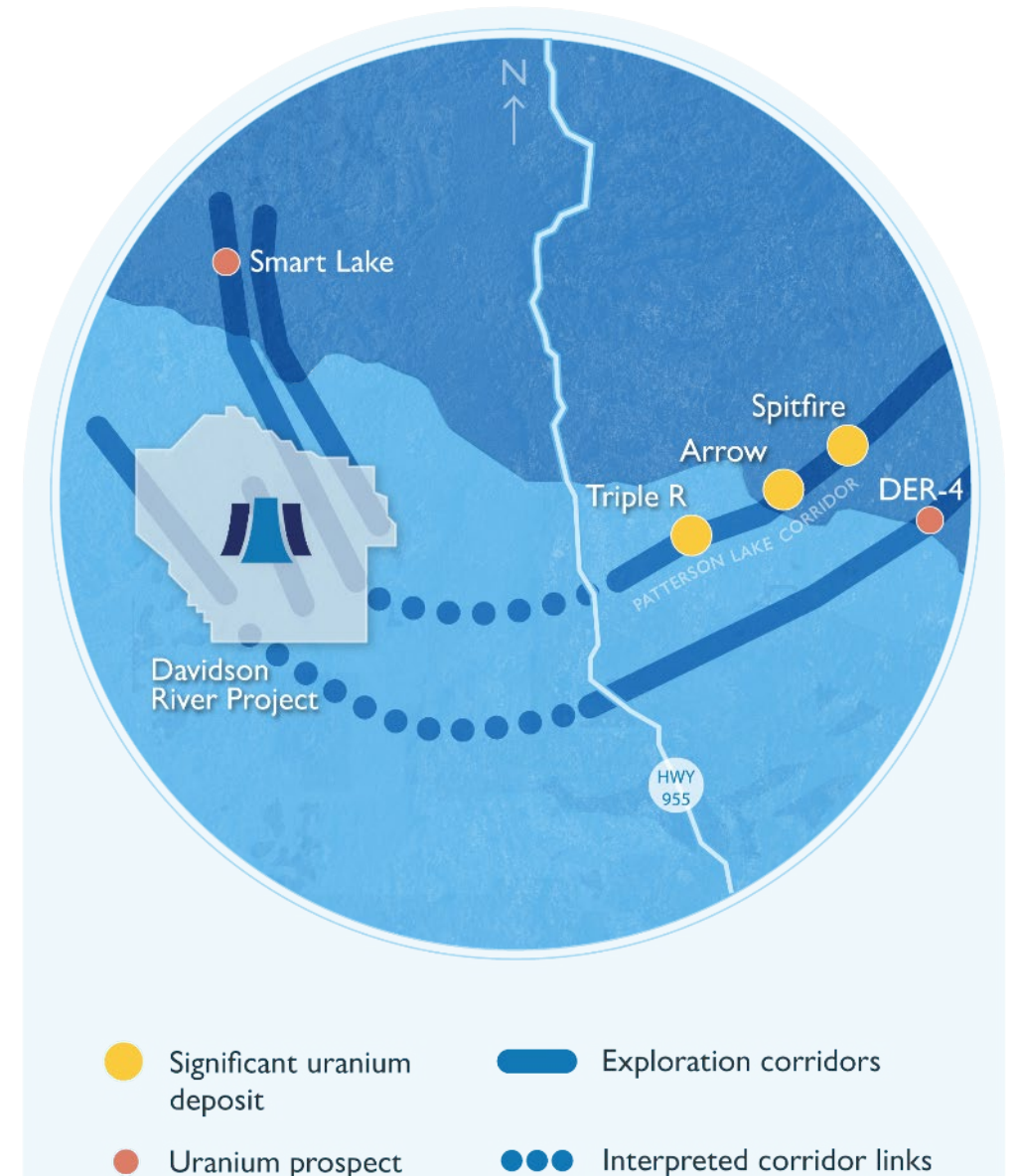
- Geological technical team back by capital markets team with uranium exploration experience

## NUCLEAR POWER RENAISSANCE

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

## SHORT-TERM CATALYSTS

- 2023 Drill programs at Sun Dog (Q1), Eastern Basin projects (Q2), and Davidson River (Q2&Q3)



# 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  
*VICE PRESIDENT  
EXPLORATION*



Sean McGrath  
*CHIEF FINANCIAL  
OFFICER*



Mike Young  
*INDEPENDENT  
DIRECTOR*



Zoya Sashkova  
*INDEPENDENT  
DIRECTOR*



Blair Jordan  
*INDEPENDENT  
DIRECTOR*



Kenneth Judge  
*INDEPENDENT  
DIRECTOR*

# THE FUTURE OF URANIUM:

A STORY OF

**SUPPLY** & **DEMAND**



The uranium market is at a **tipping point**.  
The clean energy transition, in addition to a supply  
shortfall, is tipping the balance toward an era of rising  
uranium prices.

# Uranium powers nuclear energy, which is key to a zero-carbon future for various reasons:

Source: Nuclear Energy Institute

Land required  
to produce 1,000MW:

Nuclear Plant  
1.3 square mile

Solar PV farms  
75x more space

Wind farms  
360x more space

One uranium pellet  
is eraser sized

## Low carbon

U.S. nuclear power plants  
eliminated 476M tons of  
CO<sub>2</sub> emissions in 2019

## Low land footprint

A 1,000 megawatt nuclear  
power plant requires just  
1.3 square miles

## Energy dense

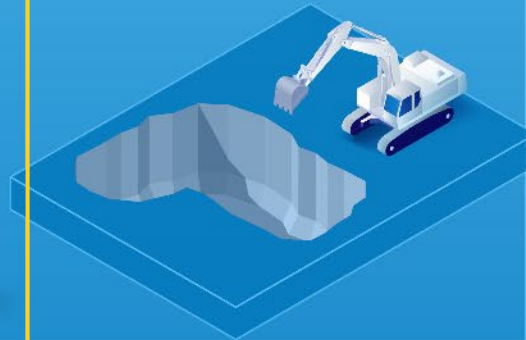
One uranium pellet creates  
the same amount of energy  
as 149 gallons of oil

# Uranium in the Nuclear Fuel Cycle

01 Exploration



02 Mining



03 Milling & Conversion



04 Enrichment



05 Fuel Fabrication



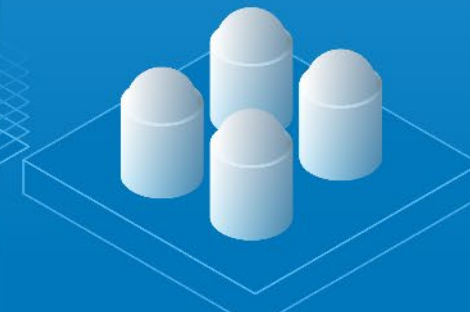
06 Electricity Generation



07 Cooling Fuel Rods



08 Storage

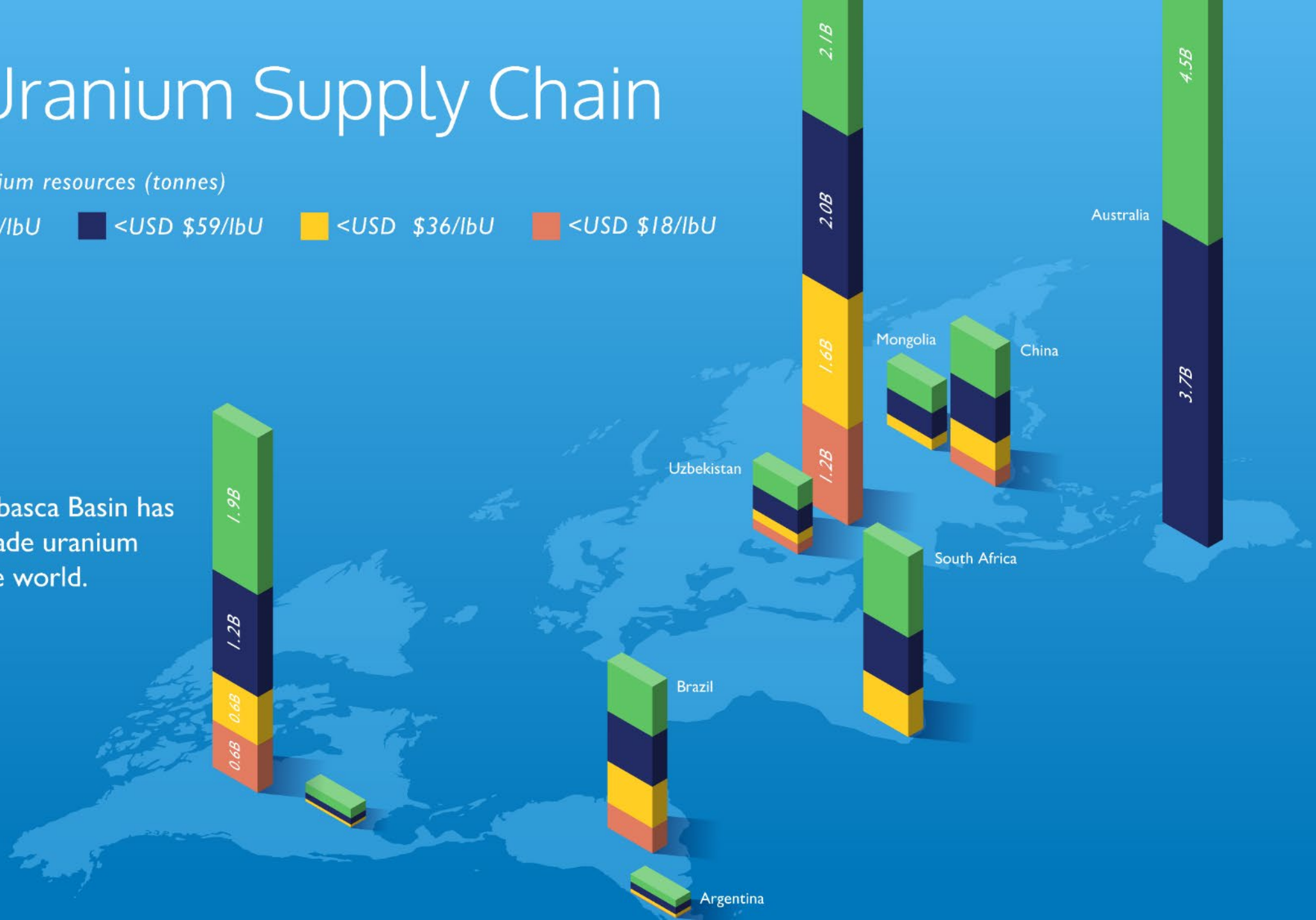


# The Uranium Supply Chain

Identified uranium resources (tonnes)

■ <USD \$118/lbU    ■ <USD \$59/lbU    ■ <USD \$36/lbU    ■ <USD \$18/lbU

Canada's Athabasca Basin has the highest-grade uranium deposits in the world.



# Timing Uranium Investing

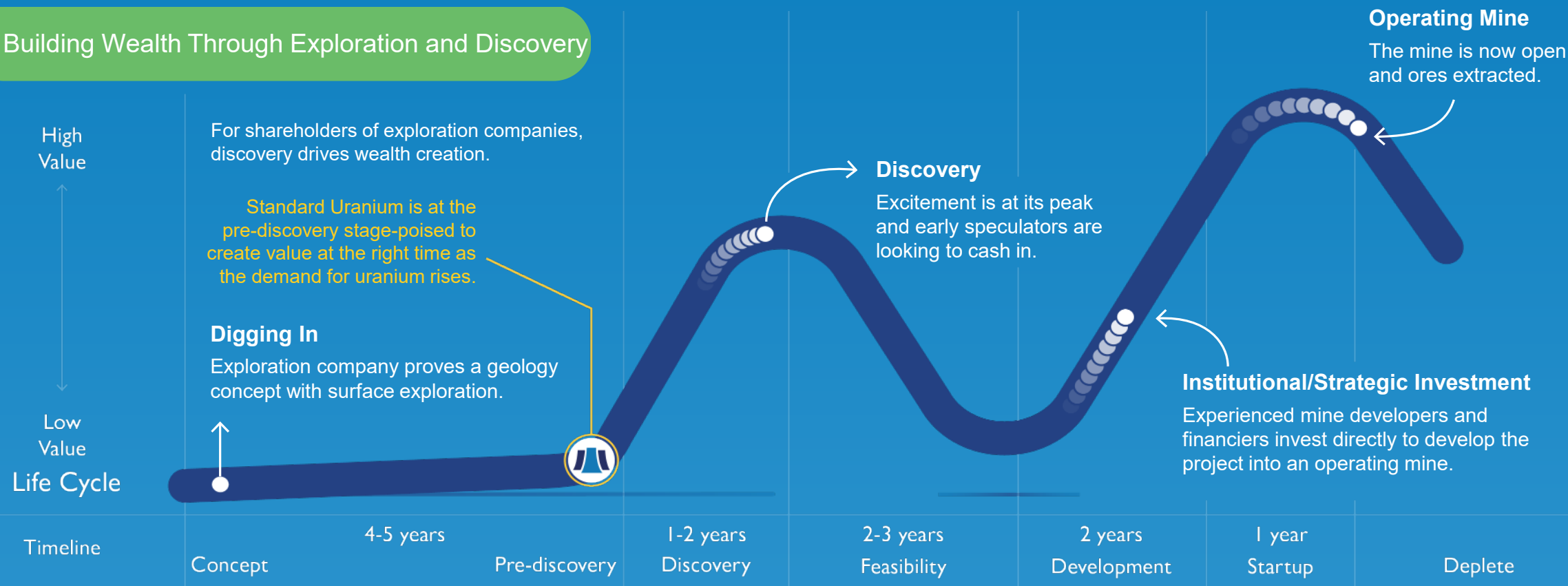
## WHY INVEST NOW?

### The Life of a Mineral Discovery

### The Lassonde Curve

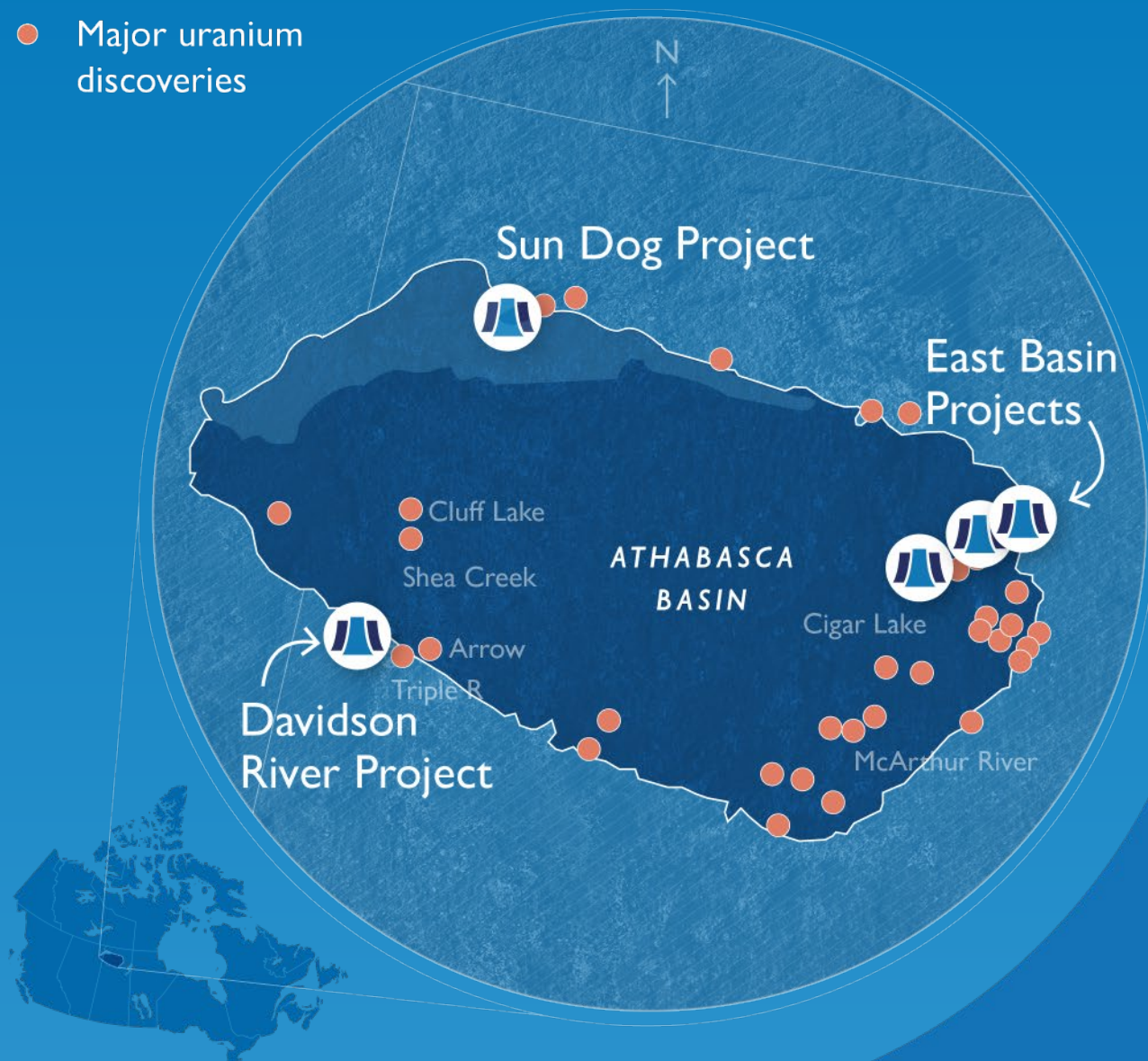


#### Building Wealth Through Exploration and Discovery



# 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



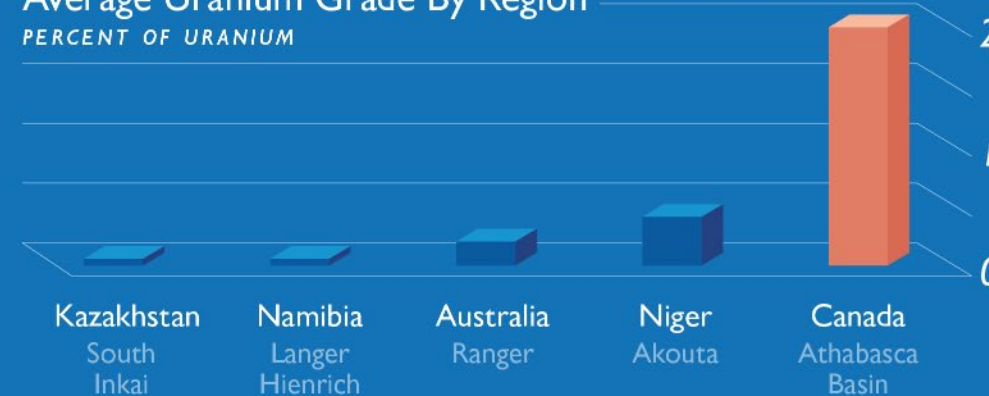
High-quality geological data

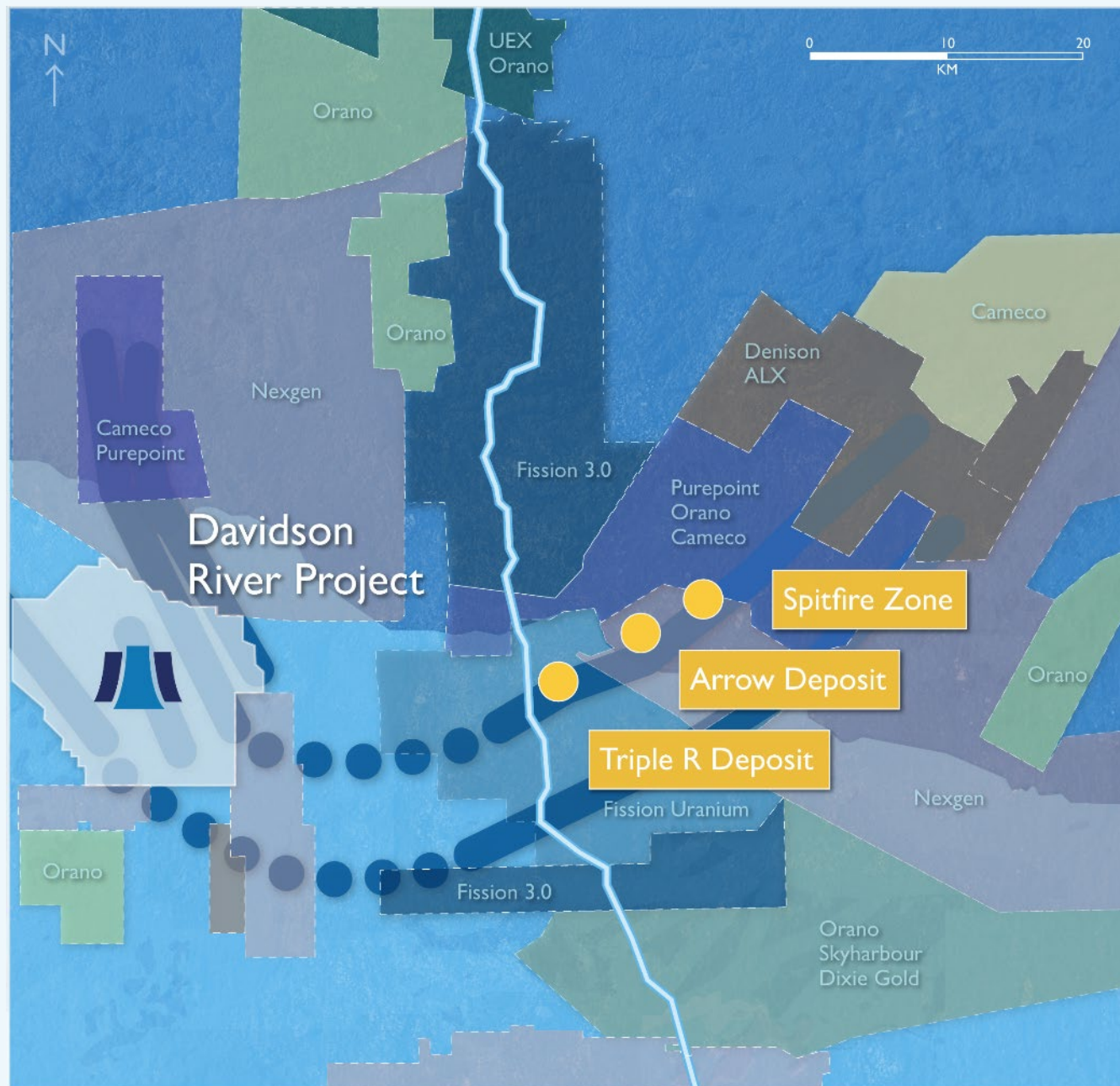


Rich mineral resources

### Average Uranium Grade By Region

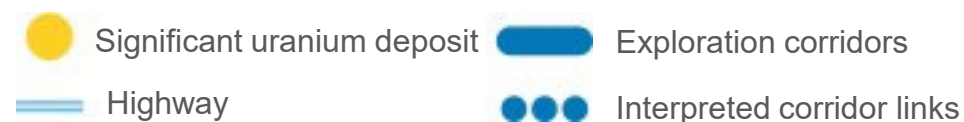
PERCENT OF URANIUM





## THE DAVIDSON RIVER PROJECT

Standard Uranium's Davidson River project is in good company in the Southwest Athabasca Uranium District.



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

### TRIPLE R

Indicated  
102.4M lbs  
2.10%  $U_3O_8$

Inferred  
32.8M lbs  
1.22%  $U_3O_8$

### ARROW

Meas. & Ind.  
256.7M lbs  
3.10%  $U_3O_8$

Inferred  
80.7M lbs  
0.83%  $U_3O_8$

### SPITFIRE

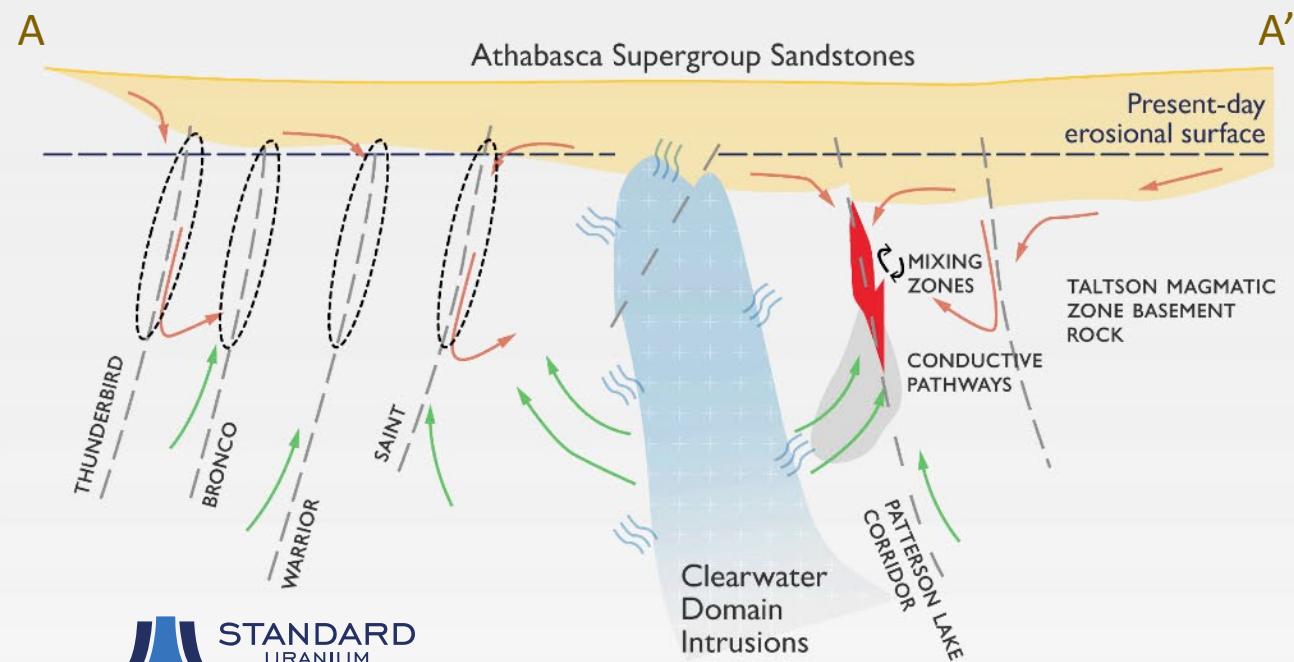
Drill Hole: HK16-53  
14.3m of 7.57%  $U_3O_8$   
including 1.3m of 53.3%  $U_3O_8$

# Clearwater Domain Mirror Theory

## DAVIDSON RIVER PROJECT



*Schematic cross-section*









-  Uranium ore zones
-  Radiogenic heat
-  Oxidized basinal brines
-  Fault/Shear zones
-  Reduced basement fluids
-  Exploration target

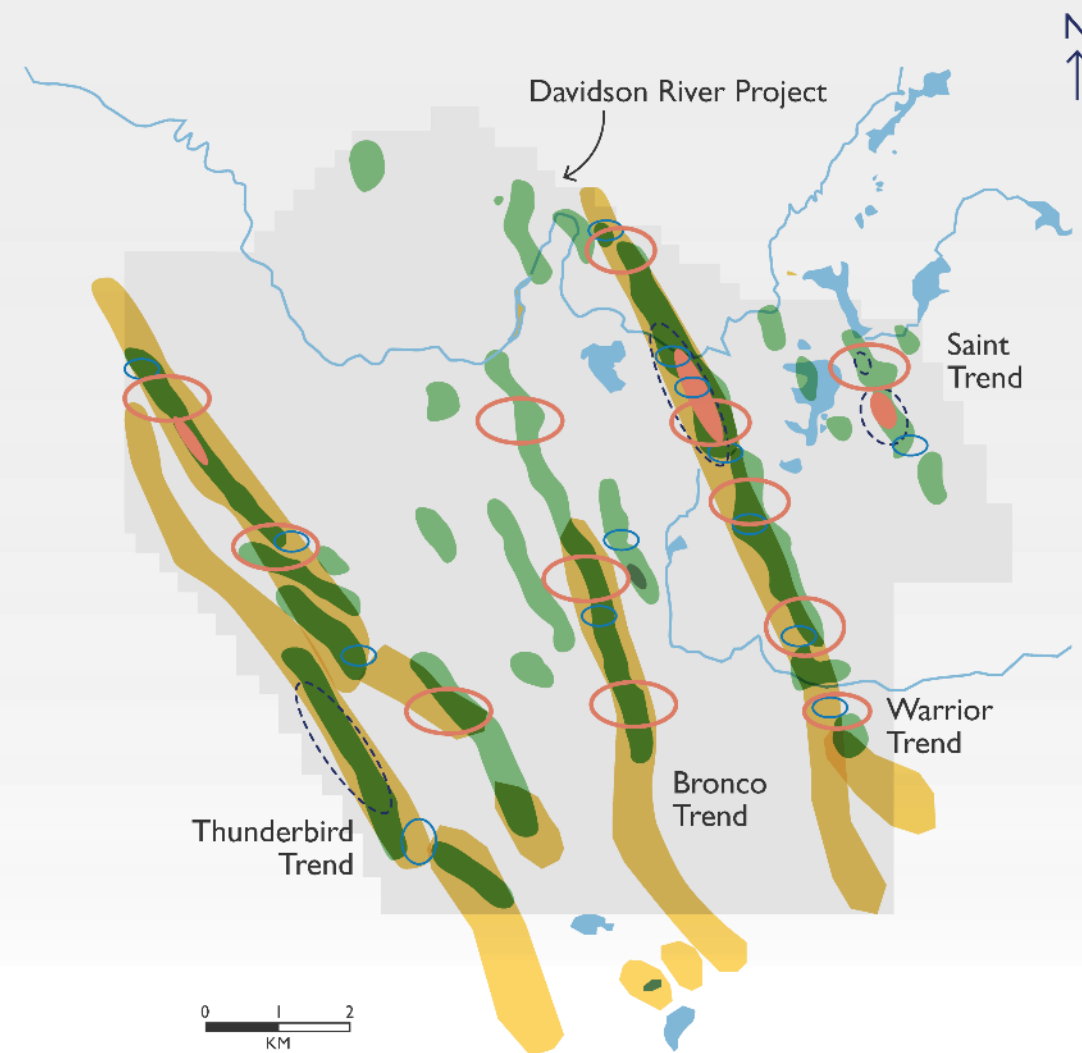
# Following the Trends

## EXPLORATION USING MODERN TECHNOLOGY

Standard Uranium has laid the foundation for discovery using industry-leading surveys to identify prospective exploration trends.

Standard Uranium is the first uranium company to leverage GoldSpot Discoveries Corp.'s cutting-edge data-driven machine learning processes to identify and prioritize drill targets.

-  Cross-cutting structures inferred from Magnetics
-  Offsets/breaks along conductor, and conductance change
-  EM "bright-spots" of high-intensity VTEM
-  Zones along the conductors where the dip-direction changes
-  ZTEM airborne conductor
-  VTEM airborne conductor



# 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.

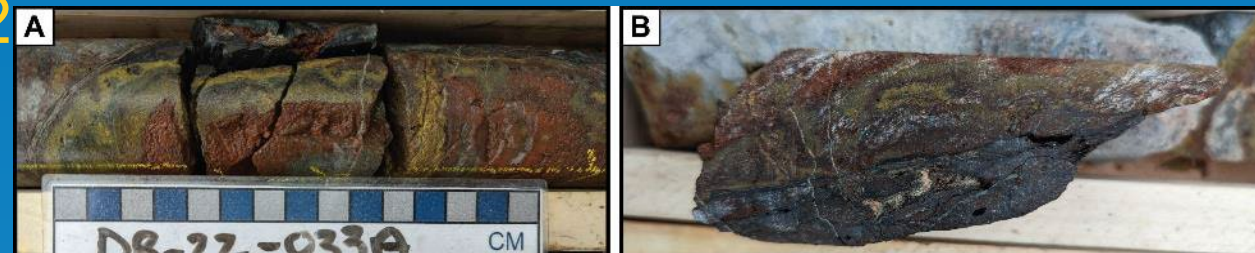


**Thunderbird Corridor:** first drill holes ever to test geophysics targets – Strongly graphitic structures, redox fronts, and clay alteration.



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 2023 DRILL PROGRAM

*Drill testing all 4 corridors*



Aggressive step-out holes along strike to test additional targets refined by drilling to date.



Refined targets: follow up along strike of alteration, geochemistry, and stacked graphitic structures.



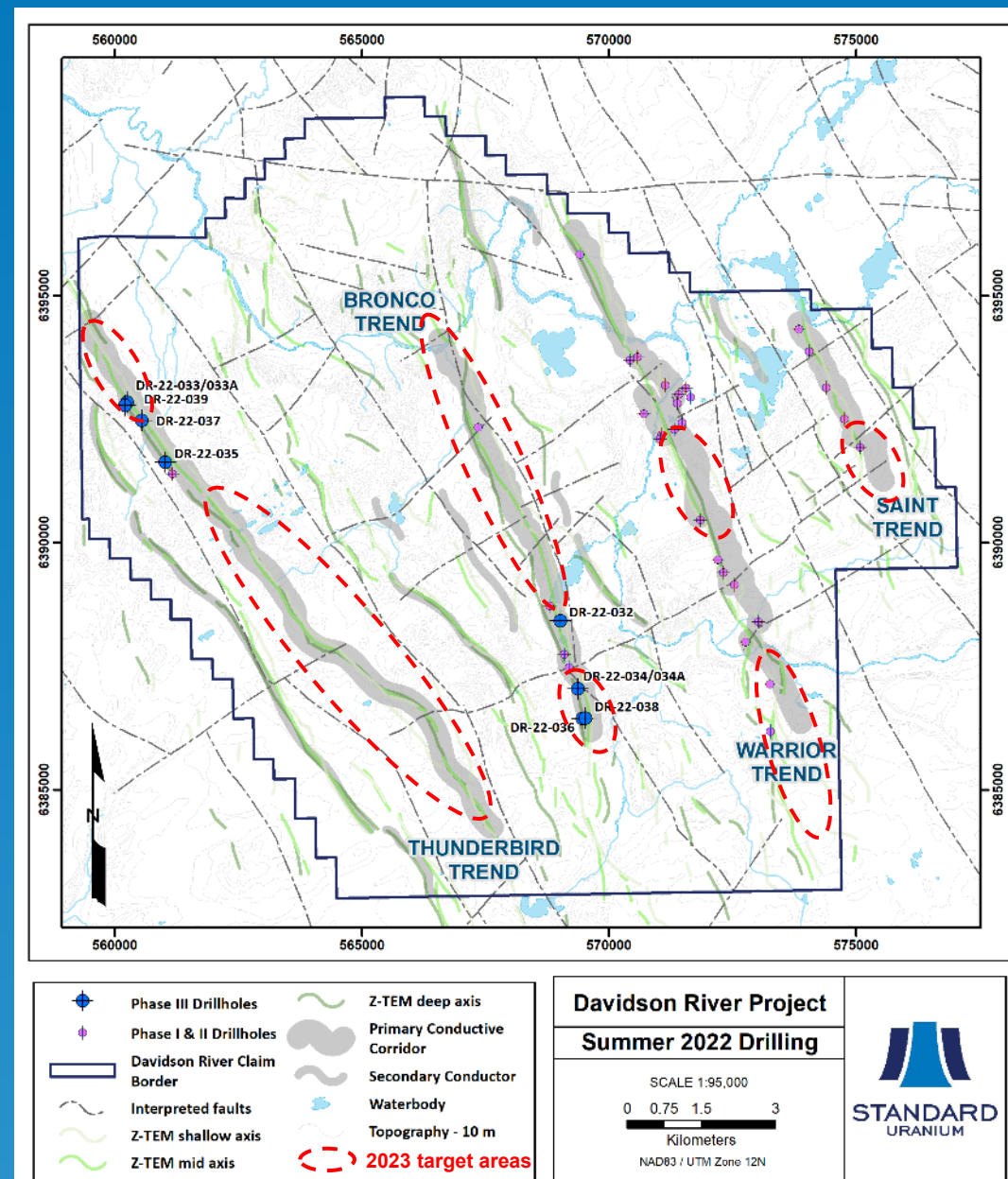
GoldSpot AI/Machine-learning technology incorporated into drill hole targeting and prioritizing



Fully permitted with First Nations engagement.



**Several kilometres of untested conductor strike length with massive discovery potential remain;**  
Drilling scheduled to commence June 2023.



# The Sun Dog Uranium Project

## HISTORIC URANIUM CITY AREA

*Size: 18,101 Hectares , 100% owned*

Located at the north end of the Athabasca Basin, target is high-grade basement-hosted unconformity-related uranium mineralization.

### ***Historical work includes:***



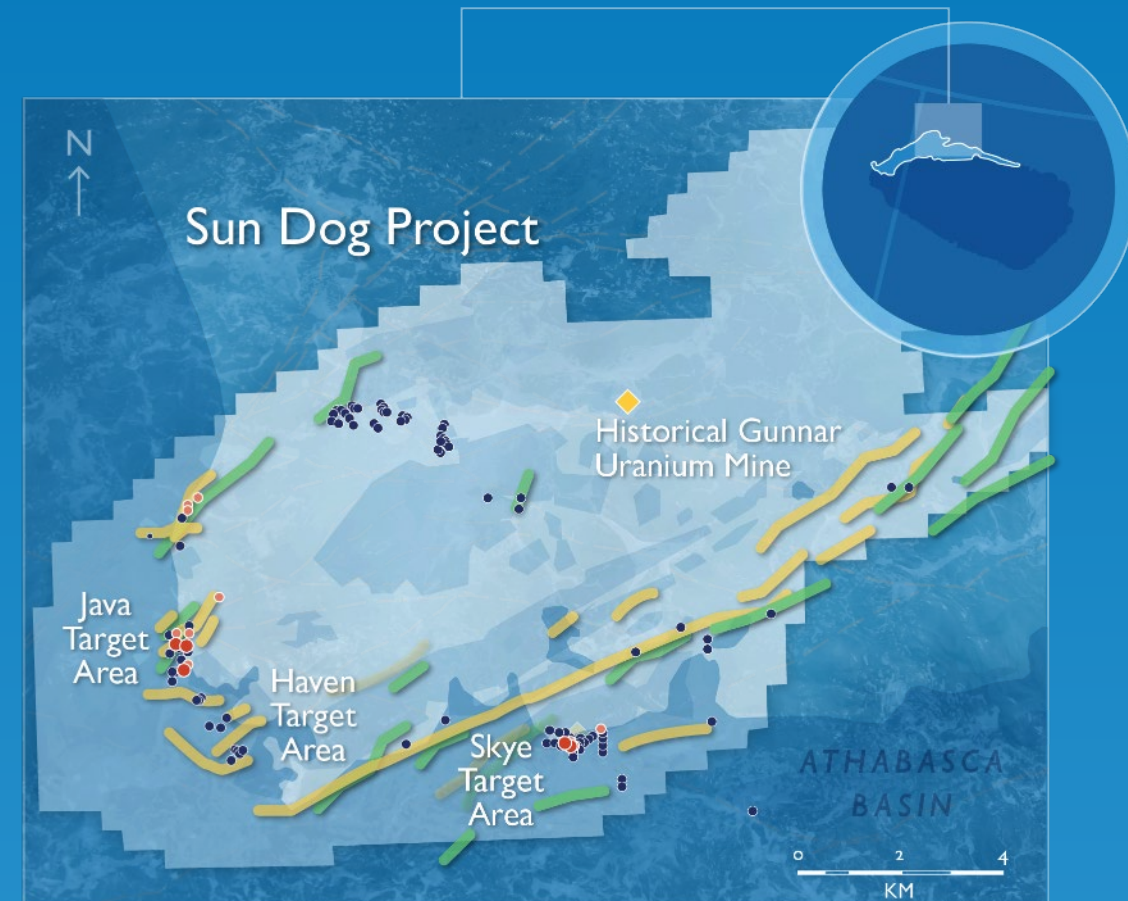
Airborne and ground electromagnetics and IP resistivity surveys.



Underwater radiometric surveying, and lake-bed seismic surveys.



Wide-spaced reconnaissance drilling with anomalous results (0.10%  $U_3O_8$  over one metre within sheared chlorite and graphite-rich metasedimentary basement rocks) that have not yet been followed up on.



 Airborne VTEM target 2006

 Airborne EM target 1978

 Weakly mineralized hole

 Historical drill hole

 Mineralized hole (>0.1%)

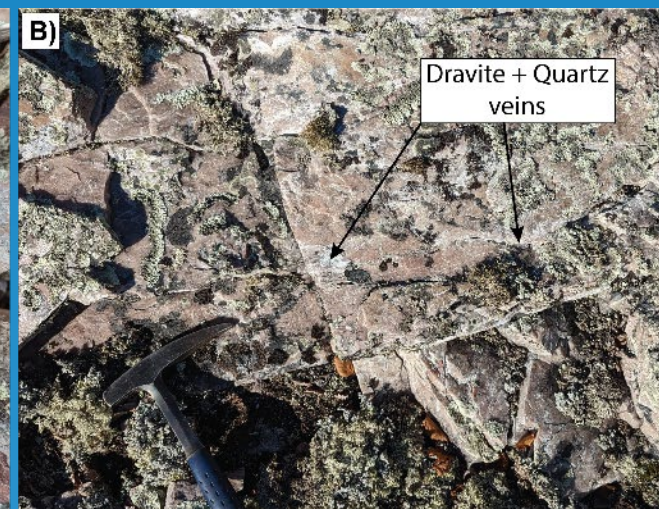
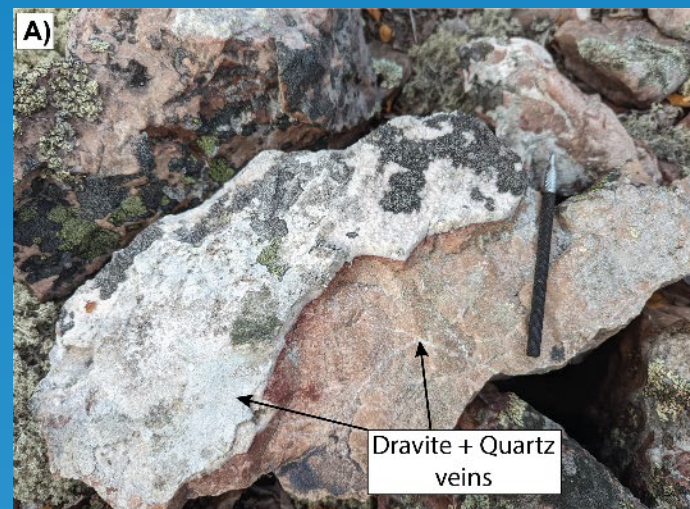
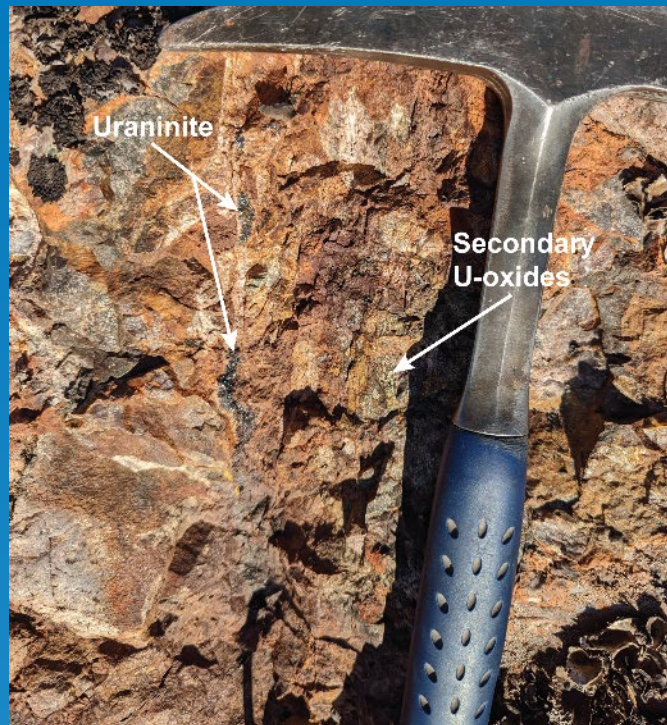
# The Sun Dog Project

## Ground-truth sampling & prospecting

**2020 sampling** – results confirmed historical surface showings. 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.

**2021 site visit** – additional samples from the Skye target returned boulder grab sample results up to **2.95%  $U_3O_8$**

**2022 mapping** – additional zones of **off-scale radioactivity >65,535 cps** discovered; Mineralized architecture measured; **Dravite** discovered at surface



# Inaugural Drill Program

## Winter 2022

1,242 metres – 4 drill holes

### Haven Target



Significant dravite alteration in sandstone and basement structures.



Strong brecciation throughout drill hole.

### Johnston-Bay Targets



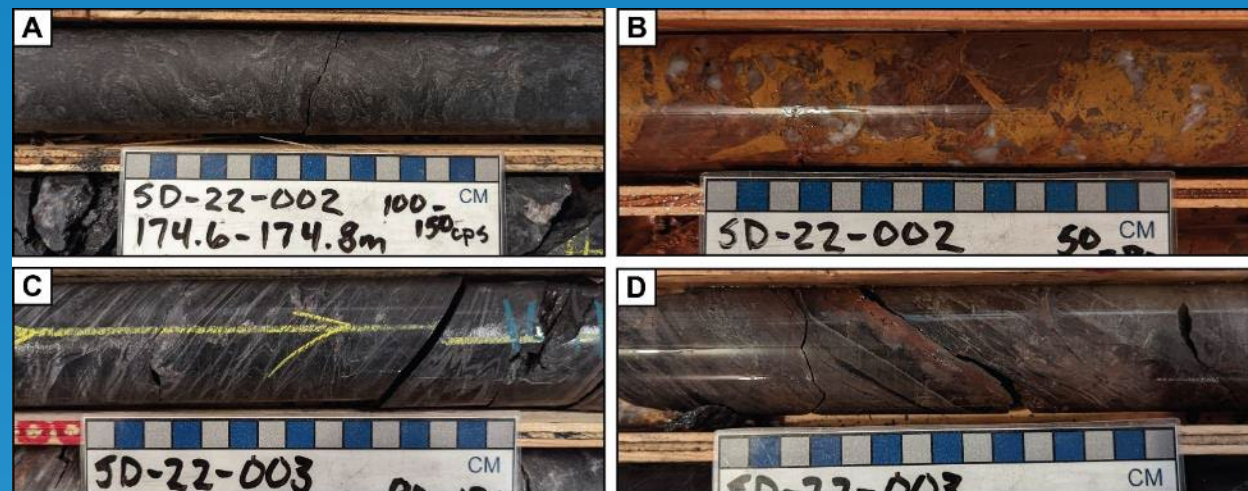
Moderate to strong alteration and structure throughout drill holes.



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



High-priority follow-up targets identified for winter 2023 drill program in February-March



TOP) Hydraulic breccia containing white clay, dravite, and hematized druzy quartz in SD-22-001; 50-80 cps. A) Deformed strongly graphitic pelitic gneiss in the basement of SD-22-002; up to 150 cps. B) Strongly limonite-hematite altered hydrothermal breccia in SD-22-002 at 273.5 m; up to 80 cps. C) Highly strained and folded graphitic metapelite in SD-22-003 at 163.5 m; up to 120 cps. D) Structurally controlled elevated radioactivity up to 300 cps within a graphite-hematite fracture network cross-cutting graphitic metapelite in SD-22-003.

# The Sun Dog Project

## 2023 Exploration Program



Fully permitted and vendors engaged for continued exploration.



Ground gravity survey has identified significant areas of potential alteration; Detailed airborne magnetics identify cross-cutting structures.



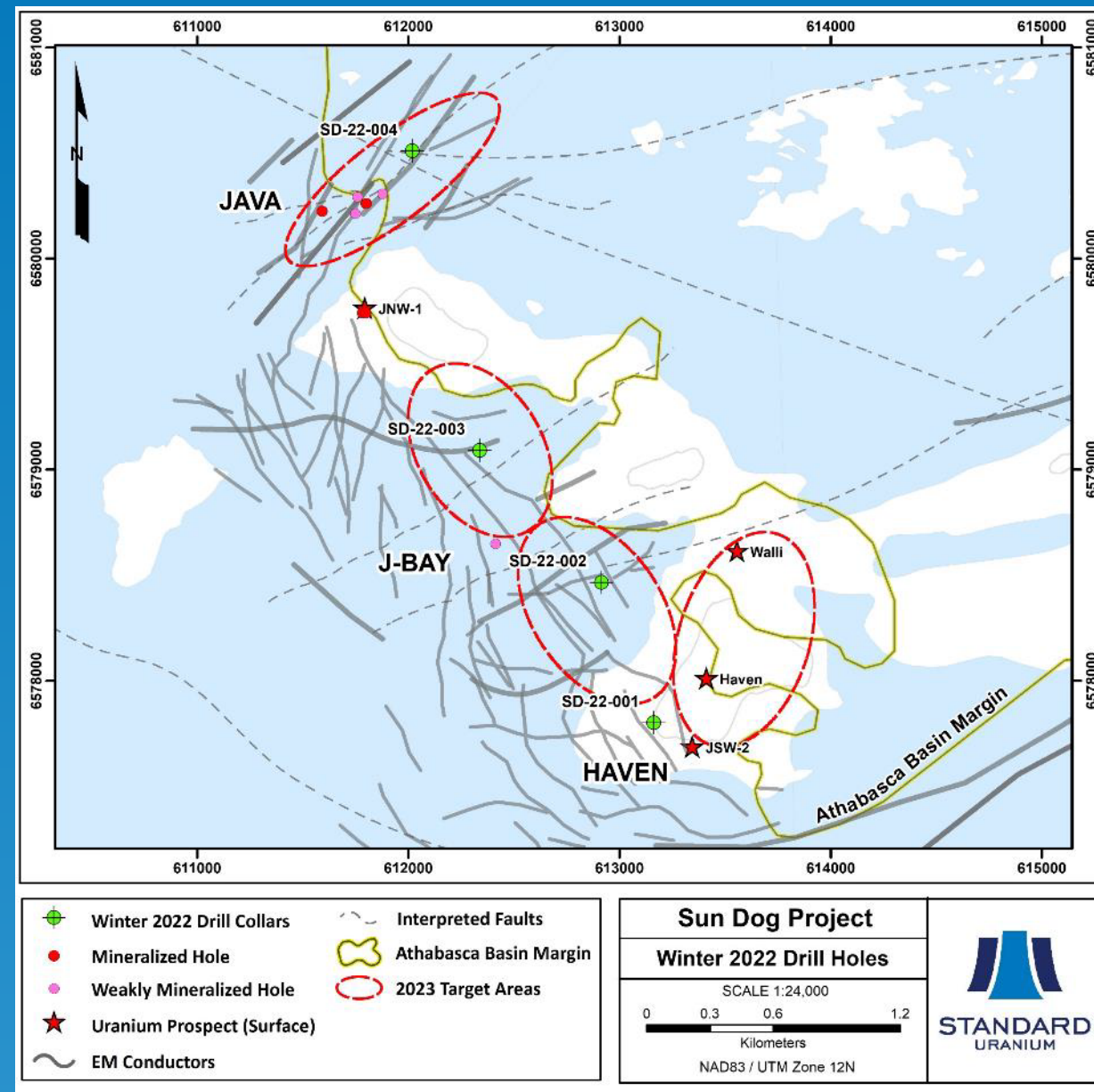
Ya' thi Néné Engagement Agreement signed.



Follow-up mapping and geological work on surface completed in September 2022.



2023 winter diamond drill program planned for mid-February through March



# The Eastern Basin Projects

Three Projects:

**ATLANTIC, CANARY, & ASCENT**

*Size: 13,216 Hectares, 100% owned*



Located in the prolific eastern Athabasca district, in less-explored area. The projects were acquired to conductive targets with **anomalous uranium**.



Depths to basement range between 50m at Ascent 400m at Atlantic. Compare that to 450m at Cigar and 500m at McArthur River deposits.



Significant potential to host high-grade uranium mineralization. Recent exploration by Iso Energy at Hurricane Zone, with recent results of 33.9%  $U_3O_8$  8.5m<sup>1</sup>.



**Fully permitted** and **drill-ready**. First drilling aiming to begin in Q2 – 2023.



<sup>1</sup>Results from adjacent properties do not indicate that the same or similar results will occur at the projects operated by Standard Uranium<sup>1</sup> – Feb 25, 2020 IsoEnergy. News Release

# The Eastern Basin Projects

## 2022 Exploration Programs Completed – Drill Ready 2023



**Atlantic** – High-resolution ground gravity survey over western claim blocks; Refine target areas through identification of potential areas of alteration



**Canary** – Ground-based Induced Polarization/Resistivity survey; Mapping cross-cutting structures and potential alteration halos in sandstone and basement rocks



**Ascent** – Airborne TDEM survey; Further define and model the conductive exploration corridors on the project



**Inaugural drill programs planned for spring 2023**



Results from adjacent properties do not indicate that the same or similar results will occur at the projects operated by Standard Uranium1 – Feb 25, 2020 IsoEnergy. News Release

# CORPORATE INFORMATION

## Trading Symbols

**TSXV STND** | **OTC STTDF** | **FWB 9SU**  
 TSX VENTURE | US OTCBB | FRANKFURT

## Capital Structure

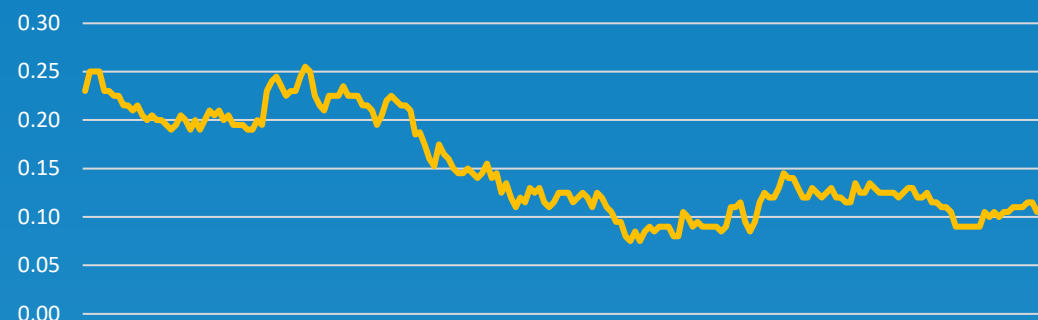
**182.1 MM** | **262.6 MM** | **\$17.0 M**  
 ISSUED & OUTSTANDING SHARES | FULLY DILUTED | MARKET CAPITALIZATION

## 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 <sup>1</sup>	\$.095
Market Capitalization <sup>1</sup>	\$17.0M
Working Capital <sup>1</sup>	\$2.5M

STND Weekly Closing Price January 4, 2022 – October 24, 2022





STANDARD  
URANIUM

TSX-V STND | OTC STTDF | FWB 9SU

THANK YOU

Contact us to discover more opportunities

[info@standarduranium.ca](mailto:info@standarduranium.ca)

1-306-850-6699

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