

FINDING THE FUEL FOR A

# Clean Energy Future



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

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### 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 forwardlooking 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 at tempted 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 forwardlooking 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.

## **Company Snapshot**

STANDARD URANIUM

- pre-discovery uranium company, TSXV:STND
- public listing date May 4, 2020.

FLAGSHIP PROJECT

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

STRONG TEAM

 backed by an executive team experienced in uranium exploration.

NUCLEAR POWER RENAISSANCE

 back by popular demand! The true solution to end climate change.

SHORT-TERM CATALYSTS

10,000m summer drill program (June-Sept)
 Davidson River & Sun Dog exploration.



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### **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
PRESIDENT,
CEO, DIRECTOR



Neil McCallum

LEAD TECHNICAL

DIRECTOR



Garrett Ainsworth
INDEPENDENT
DIRECTOR



Blair Jordan
INDEPENDENT
DIRECTOR



Kenneth Judge
INDEPENDENT
DIRECTOR



Galen McNamara
TECHNICAL
ADVISOR



Laurie Thomas
VICE PRESIDENT
INVESTOR
RELATIONS



Sean Hillacre
VICE PRESIDENT
EXPLORATION



Martin Bajic
CHIEF FINANCIAL
OFFICER

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## The Standard Uranium Technical Team

STANDARD WAS BUILT TO MAKE ANOTHER DISCOVERY



Neil McCallum – P. Geo

LEAD TECHNICAL

DIRECTOR

Mr. McCallum has over 15 years of experience primarily in uranium exploration with a focus on targeting and discovery of unconformity-related uranium deposits in the Athabasca Basin and other jurisdictions for multiple companies.



Garrett Ainsworth - P. Geo

#### INDEPENDENT DIRECTOR

Mr. Ainsworth is an accomplished geologist and mining executive who has received multiple awards for his contributions to the discovery and development of high-grade uranium deposits in the southwest Athabasca Basin. Mr. Ainsworth led the technical team and all exploration activities as V.P. Exploration & Development at NexGen Energy Ltd.



Galen McNamara - P. Geo

#### TECHNICAL ADVISOR

Mr. McNamara shared the 2018 PDAC Bill Dennis "Prospector of the Year" Award and 2016 Mines & Money Exploration Award with Garrett Ainsworth for his work on NexGen's Arrow uranium deposit. Mr. McNamara is currently CEO and Director of Summa Silver Corp (CSE: SSVR).



Sean Hillacre - P. Geo

## VICE PRESIDENT EXPLORATION

Mr. Hillacre has over 6 years' experience working as an exploration geologist in the Athabasca Basin, working as part of the technical team progressing the Arrow uranium deposit towards production with NexGen Energy. Mr. Hillacre has recently published the first comprehensive study on a southwest Athabasca uranium deposit in Economic Geology.

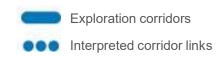




#### THE DAVIDSON RIVER PROJECT

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.

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Indicated	Meas. & Ind.	Drill Hole: HK16-53
102.4M lbs	256.7M lbs	14.3m of 7.57% U <sub>3</sub> O <sub>8</sub>
2.10% U <sub>3</sub> O <sub>8</sub>	3.10% U <sub>3</sub> O <sub>8</sub>	including 1.3m of 53.3% U <sub>3</sub> O <sub>8</sub>
2.10% U <sub>3</sub> U <sub>8</sub>	3.10% U <sub>3</sub> O <sub>8</sub>	including 1.3m of 53.3% $U_3U_8$

 Inferred
 Inferred

 32.8M lbs
 80.7M lbs

 1.22% U<sub>3</sub>O<sub>8</sub>
 0.83% U<sub>3</sub>O<sub>8</sub>





## Uranium Country THE ATHABASCA BASIN

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



Miningfriendly policies



A skilled workforce



Infrastructure for mining



High-quality geological data



Rich mineral resources





#### **URANIUM MACRO STORY**



Sprott takeover of UPC



Japanese reactor



U.S. reactor



U.S. nuclear subsidies



Uranium equity market rising



USA bipartisan government support



Spot price increasing – long term price still stagnant



Companies buying U<sub>3</sub>0<sub>8</sub> from spot market



Nuclear is becoming ESG



Supply/Demand Fundamentals



Small modular reactors (SMRs)

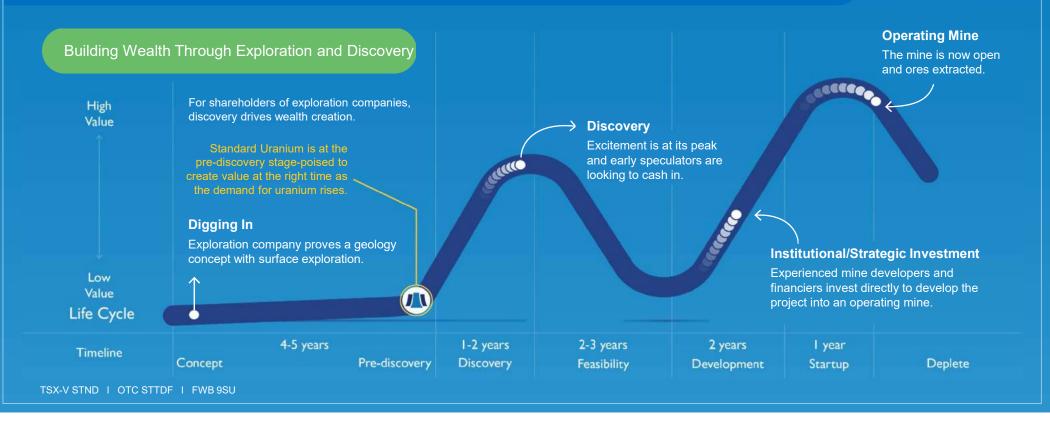


## Timing Uranium Investing WHY INVEST NOW?

The Life of a Mineral Discovery

The Lassonde Curve

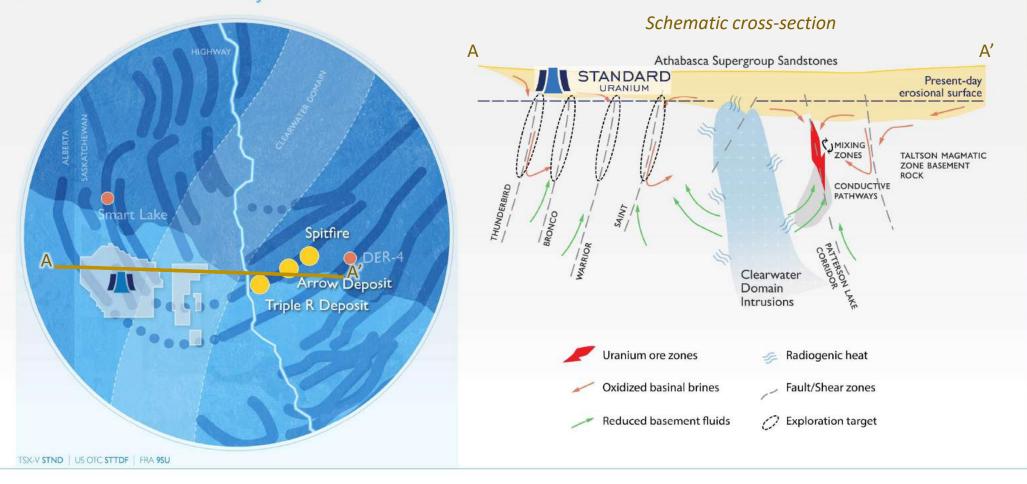






## **Clearwater Domain Mirror Theory**

DAVIDSON RIVER PROJECT





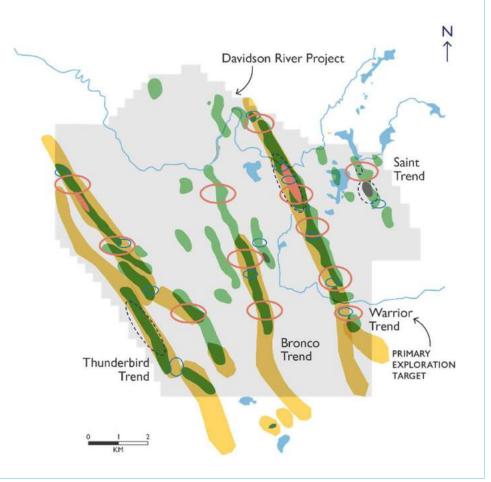
## **Following the Trends**

#### EXPLORATION USING MODERN TECHNOLOGY

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

- 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 survey
- VTEM airborne survey



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## Phase 1 Drilling WARRIOR CORRIDOR

5,600 metres – 13 drill holes



Drilling commenced Aug 2020 – Under strict COVID-19 protocols. Zero cases throughout drill program.



Drill tested the inferred continuation of the Patterson Lake corridor searching for uranium mineralization on the property.



Tested wide conductive corridor with fence drilling and aggressive step outs along strike.



Several zones of early structural shearing and subsequent brittle deformation have been intersected in multiple drill holes along the strike length of the Warrior corridor.



Several follow-up targets identified.



Phase I 2020 drill holes



VTEM trend



EM breaks interp.



EM "bright-spots"



EM "bright-spots"

# Phase 2 Drilling FUTURE EXPLORATION - WINTER 2021

3,020 metres – 7 drill holes

Follow-up on Warrior; Break ground on Saint



~35 km of access trail completed from highway 955 to allow ground access to project.



Six (6) holes completed in Skyline, Meadow, and Levee target areas following up on Phase I results along Warrior.



One (1) hole completed on Saint corridor, testing geophysical targets for the first time.



Successful program despite difficult winter logistics and health and safety COVID circumstances.



EM breaks interp.



## Phase 2 Drilling CONTINUED EXPLORATION

Winter 2021 Geology Highlights

#### Follow-up on Warrior corridor



Significant deep structure and local alteration intersected at Skyline and Meadow target areas.



Stacked shear zones – repeating structures.



Strong concentrations of graphite.

#### First drill hole on Saint corridor



Moderate to strong alteration and structure at top of basement.



Strongly silicified phyllonite bound by graphite- & sulphide-rich shear zones (conductors).

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#### **Warrior Corridor**

#### Saint Corridor



A) 16 metre-wide reactivated structural zone in DR-21-016 with graphite-, sulphidie, and clay-rich structures. B) Altered breccia zone healed by clay and what appears to be hydrothermal chlorite (sudoite) alteration. C) One of multiple stacked graphitic-sulphidic conductors intersected in DR-21-016. D) Sub-Devonian unconformity in hole DR-21-018 exhibiting strong clay-chorite alteration and highly broken and friable basement rock. E) Strongly silicified phyllonite structure and graphite-sulphide shear bands associated with local smoky quartz veins.



# Phase 2 Drilling FUTURE EXPLORATION - SUMMER 2021

10,000 metres planned



Warrior Corridor: large step-out holes along strike to test additional targets.



Saint Corridor: aggressive follow up along strike of alteration encountered in winter program.



Bronco & Thunderbird Corridors: first drill holes ever to test geophysics targets.



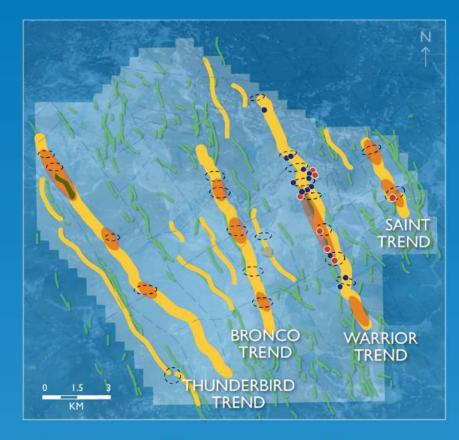
Fully permitted with First Nations Consent.



Drilling scheduled June to September.



Key vendors all supportive and engaged.





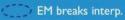
Phase II winter
 2021 drill holes

Phase II target areas



EM "bright-spots"







Interpreted faults

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## The Sun Dog Uranium Project HISTORIC URANIUM CITY AREA

Size: 15,770 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%  $\rm U_3O_8$  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%)

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## The Sun Dog Uranium Project

**2020** *site visit* - results confirmed historical surface showings. Skye, Java, and Haven targets have returned outcrop and boulder grab sample results with a high of 3.58% U<sub>3</sub>O<sub>8</sub>, 1.7% U<sub>3</sub>O<sub>8</sub>, and 0.7% U<sub>3</sub>O<sub>8</sub>, respectively.

- Weakly mineralized hole
- Airborne VTEM target 2006
- Historical drill hole
- Airborne EM target 1978
- Mineralized hole (>0.1%)
- Interpreted faults
- 2020 Site visit samples





## The Sun Dog Uranium Project

#### 2021/2022 plans



Ground gravity survey to identify potential areas of alteration and potential detailed UAV magnetics.



Community engagement.



Follow-up mapping and geological work on surface.



Follow-up drilling.







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## The Eastern Basin Projects

## Three Projects: ATLANTIC, CANARY, & ASCENT

Size: 13,216 Hectares, 100% owned



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



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



Recent exploration by Iso Energy at the Hurricane Zone, with recent results of 33.9% U<sub>3</sub>O<sub>8</sub> over 8.5m<sup>1</sup>, highlights the significant exploration potential of the area.



Very little additional exploration or surveying will be required before drill-testing.



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#### **CORPORATE INFORMATION**

#### Trading Symbols

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

#### Capital Structure

112.4 MM | 162.6 MM | \$30.3M ISSUED & FULLY MARKET OUTSTANDING DILUTED CAPITALIZATION SHARES

#### Strategic Shareholders

- Management & Insiders L2 Capital
- ♦ Sachem Cove
  ▲ Tribeca Investment Partners
- Azarias Capital

Share Price <sup>1</sup>	\$0.27
Market Capitalization <sup>1</sup>	\$30.3M
Working Capital <sup>1</sup>	\$5.0M

STND Weekly Volume January 1, 2021 - August 13, 2021





<sup>1</sup>As of August 13, 2021



#### 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.



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#### THANK YOU

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