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STANDARD
URANIUM

FINDING THE FUEL FOR A

Clean Energy

FUTURE

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

The company has **five** exploration projects in Canada's Athabasca basin, home of the world's largest high-grade uranium deposits.

Uranium

THE FUEL OF THE FUTURE

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

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 CO₂ emissions in 2019

Low land footprint

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

Energy dense

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

Source: Nuclear Energy Institute

The Rising Unmet Utility Demand for Uranium U₃O₈
2020-2035P

Non-U.S. Utilities

U.S. Utilities

As the demand for clean electricity grows, more uranium will be needed to meet our utility needs.

Source: UxC estimates via Cameco

However, investment in uranium exploration and development has declined over the last decade.

Global Uranium Exploration and Development Expenditure

Non-domestic

Domestic

Total investment made in foreign countries.

Total investment made within a country from domestic and foreign sources.

USD (MILLIONS, CURRENT)

Source: Nuclear Energy Agency - Uranium 2020

Standard Uranium has the ideal team and projects needed to tackle the oncoming uranium supply crunch.

COMBINING KNOWLEDGE WITH SUCCESS

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

Capital markets professional with 15 years of experience in uranium, gold, silver, lead, zinc, diamonds, and oil and gas exploration.

Neil McCallum
LEAD TECHNICAL
DIRECTOR

Over 15 years of experience in North American mineral exploration focusing on uranium.

Garrett Ainsworth
INDEPENDENT
DIRECTOR

Former lead of the NexGen Energy technical team and co-recipient of the 2018 PDAC Bill Dennis award for the Arrow uranium deposit in the Athabasca basin.

Blair Jordan
INDEPENDENT
DIRECTOR

Former managing director of investment banking at Echelon Wealth Partners with 10 years of international experience at Credit Suisse.

Kenneth Judge
INDEPENDENT
DIRECTOR

The founder, chairman, CEO, or non-executive director of more than 30 companies in the resources industry, specializing in cross-border M&A.

Martin Bajic
CFO

Over 10 years of experience as a director, chief financial officer, or consultant to numerous public companies trading on the TSX-V or the CSE.

Galen McNamara
TECHNICAL
ADVISOR

Co-recipient of the 2018 PDAC Bill Dennis award for the Arrow uranium deposit in the Athabasca basin and 2016 Mines and Money Exploration Award.

Laurie Thomas
V.P. INVESTOR
RELATIONS

Former manager of investor relations at Cameco Corporation with more than 20 years of professional experience.

Sean Hillacre
VICE PRESIDENT
OF EXPLORATION

Over 5 years of industry and academic experience as an exploration geologist with NexGen Energy developing the Arrow uranium deposit in the SW Athabasca Basin.

The Standard Uranium team is built to deliver value through discovery.

BUILDING WEALTH THROUGH EXPLORATION AND DISCOVERY

For shareholders of exploration companies, discoveries drives wealth creation.

Standard Uranium is at the pre-discovery stage – poised to create value at the right time as the demand for uranium rises.

Discovery

Excitement is at its peak and early speculators are looking to cash in.

Operating Mine

The mine is now open and ores extracted.

Digging In

Exploration company proves a geology concept with surface exploration.

Institutional/Strategic Investment

Experienced mine developers and financiers invest directly to develop the project into an operating mine.

Life Cycle

Timeline

4-5 YEARS

1-2 YEARS

2-3 YEARS

2 YEARS

1 YEARS

Deplete

Concept

Pre-discovery

Discovery

Feasibility

Development

Startup

Deplete

Source: Pierre Lassonde

With the fusion of five projects in the prolific Athabasca Basin, the company has the elements needed for a successful discovery.

Uranium Country

THE ATHABASCA BASIN

This region is famous for the world's richest uranium deposits.

Standard Uranium's projects

Major uranium discoveries

Sun Dog Project

East Basin Projects

Cluff Lake

Shea Creek

Arrow

Triple R

Davidson River Project

Cigar Lake

McArthur River

The Athabasca Basin is located in Saskatchewan, 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

Uranium grades in the Athabasca Basin are **10-100x** higher than anywhere else in the rest of the world.

Source: VUNA

West vs. East

MINERAL EXPLORATION IN THE ATHABASCA BASIN

While the Eastern half of the Athabasca Basin has been the focus of exploration, the West remains relatively unexplored.

Drill hole

Lake Athabasca

Wollaston Lake

Reindeer Lake

Arrow

Triple R

Number of drill holes in the Athabasca Basin:

Rest of Athabasca Basin

Eastern Trend

4,240

12,698

Source: Saskatchewan Mining and Petroleum GeoAtlas, Mineral Drillhole Compilation (Mar 2021)

ON THE EDGE OF DISCOVERY

THE DAVIDSON RIVER PROJECT

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

Significant uranium deposit

Uranium prospect

Exploration corridors

Interpreted corridor links

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

TRIPLE R

Indicated 102.4Mlbs

Inferred 32.8Mlbs

2.1% U₃O₈

1.22% U₃O₈

ARROW

Indicated 256.6Mlbs

Inferred 91.7 Mlbs

4.03% U₃O₈

0.86% U₃O₈

SPRITFIRE

Drill Hole: HK16-53

14.3m of 7.57% U₃O₈

including 1.3m of 53.3% U₃O₈

Sources: Fission Corp. News Release (Sep 2019)
Nexgen Energy Ltd. News Release (Nov 2018)
Purepoint Uranium Group Inc. News Release (Apr 2017)

Standard Uranium has successfully drilled 8627m in 20 holes. Based on the positive indications, the company plans to expand the summer drilling program from 2,500m to 10,000m.

While the east of the Athabasca Basin has extensive exploration, it is only beginning in the West and Standard Uranium is making the most of this opportunity.

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 Mag

Offsets/breaks along conductor, and conductance change

EM "Bright-spots" of high-intensity VTEM

Zones along the conductors where the dip-direction change

ZTEM airborne survey

VTEM airborne survey

Thunderbird Trend

Bronco Trend

Warrior Trend

Saint Trend

PRIMARY EXPLORATION TARGET

Airborne electromagnetic surveys delivered results similar to those associated with the Triple R and Arrow deposits.

The company is working towards a discovery with the fully-funded phase II drill program.

Expansion Potential

THE SUN DOG AND EASTERN BASIN PROJECTS

The Sun Dog Project

The Eastern Basin Projects

A 100% owned 15,770 hectare land package located in the historic Uranium City area

Supported by historical work including:

- Airborne and ground electromagnetic and IP surveys
- Underwater radiometric surveys
- Lake bed seismic surveys

High-grade results from boulder and outcrop grab samples at target areas

- Skye - 3.58% U₃O₈
- Java - 1.7% U₃O₈
- Haven - 0.7% U₃O₈

Three projects located in a less-explored region of the eastern Athabasca Basin

A 100% owned combined land package of 13,216 hectares

Surrounded by numerous high-grade discoveries that show exploration potential

The Sun Dog and Eastern Basin projects offer significant potential for discoveries beyond the Davidson River project.

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.

Proven team and management

Rising demand for uranium

Renowned location

Massive pre-discovery opportunity

Five projects providing potential for discovery

Neil McCallum, BSc. PGec., Standard Uranium's VP Exploration, has reviewed and approved the scientific and technical information contained in this document. Mr. McCallum is a Qualified Person within the meaning of Canadian Securities Administrator's National Instrument 43-101.

STANDARD
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We find the fuel to power a clean energy future.
standarduranium.ca