XCITE

RESOURCES

URANIUM'S WORLD'S PREMIER DISTRICT

Corporate Presentation November 2024





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Please note that it's important to consult with legal counsel or compliance experts to ensure that your forward-looking statements warning complies with all applicable laws and regulations.

HISTORICAL ESTIMATES

While the Company has determined that the historical estimates described herein are relevant to the Project area and are reasonably reliable given the authors and circumstances of their preparation, and are suitable for public disclosure, readers are cautioned to not place undue reliance on these historical estimates as an indicator of current mineral resources or mineral reserves at the Project area. A qualified person (as defined under NI 43-101) has not done sufficient work to classify any of the historical estimates as current mineral resources or mineral reserves, and the Company is not treating the historical estimates as a current mineral resource or mineral reserve. Also, while the Project area contains all or most of each deposit referred to, some of the resources referred to may be located outside the current Project area. Furthermore, the estimates are decades old and based on drilling data for which the logs are, as of yet, predominantly unavailable. The historical resource estimates, therefore, should not be unduly relied upon.

Inherent limitations of the historical estimates include that the nature of the mineralisation (fracture hosted) makes estimation from drill data less reliable than other deposit types (e.g, those that are thick and uniform). From the Company's viewpoint, limitations include that the Company has not been able to verify the data itself and that the estimate may be optimistic relative to subsequent work which applied a "delayed fission neutron" (DFN) factor to calculate grades. On the other hand, DFN is controversial, in that the approach is viewed by some experts as too conservative.

In order to verify the historical estimates and potentially re-state them as current resources, a program of digitization of available data is required. This must be followed by re-logging and/or re-drilling to generate new data to the extent necessary that it is comparable with the original data, or new data that and can be used to establish the correlation and continuity of geology and grades between boreholes with sufficient confidence to estimate mineral resources.

XCITE RESOURCES POSITIONED FOR OPPORTUNITY IN HIGH-GRADE URANIUM EXPLORATION

Xcite Resources is a junior uranium exploration company strategically positioned in the prolific Athabasca Basin in Canada, a region responsible for approximately 15% of the world's uranium supply¹ and renowned for its high-grade deposits.

With favorable terms, Xcite has acquired an option for six promising uranium projects in this world-class location, including four historical production sites that have collectively contributed over 70 million pounds of uranium between 1950 and 1980.

1. World Nuclear Association, 202

. International Energy Agency (IEA), Nuclear Power and Secure Energy Transitions, 2022

CORPORATE HIGHLIGHTS

- / **Experienced leadership with strong stakeholder alignment:** Xcite's management team and insiders hold a 42% ownership stake.
- / Lean capital structure: With ~16.8 million shares outstanding, Xcite presents a streamlined investment opportunity.
- / Strategic timing in a growing market: With rising demand for clean energy, uranium's importance continues to grow, positioning Xcite for strong momentum.
- / Cost-effective project entry: The acquisition cost for the projects is \$55,000 spread over four years.

PROJECTS HIGHLIGHTS

- / **Four high-potential historic production sites:** Xcite's portfolio includes four past-producing uranium sites, providing a solid foundation for exploration.
- **Historical production with high-grade results:** The Athabasca basin has produced over 70 million pounds of uranium from 1950 to 1982 in Xcite's immediate vicinity, with historic results from the projects reporting up to 36% U_3O_8 .
- Focused on the right commodity: Uranium is poised to play a crucial role in the global energy transition. According to the International Energy Agency (IEA)², achieving net-zero emissions by 2050 will require doubling the current nuclear capacity, positioning uranium as a critical resource for future energy systems.



SHARE STRUCTURE



PRICE & VOLUME



SHARE STRUCTURE

As of November 14, 2024

STOCK PRICE	\$0.19
SHARES OUTSTANDING	16,767,600
MARKET CAP	\$3.19M
INSIDER OWNERSHIP	Circa 50%
WARRANTS	3.6M @ \$0,10 (50% insiders)

SASKATCHEWAN IS CANADA'S PREMIER MINING JURISDICTION

- The Athabasca Basin, located in northern Saskatchewan, is globally renowned for its highgrade uranium deposits and significant contributions to the world's uranium supply.
- Saskatchewan ranks as the third most attractive jurisdiction for mining investment globally, according to the Fraser Institute's mining survey¹.
- The Athabasca Basin supplies approximately 15% of the world's uranium², making it one of the largest sources of this critical energy resource.
- The region has a well-established mining infrastructure, including access to transportation, skilled labor, and regulatory support, fostering a stable environment for mining operations.





ATHABASCA BASIN GEOLOGICAL MODEL





/ Known for exceptionally high-grade uranium deposits and often serve as primary sources.

BEAVERLODGE STYLE

 Production can be challenging due to complex geology, though recent in-situ recovery (ISR) technology offers potential solutions.

MAJOR ATHABASCA URANIUM DEPOSIT TRENDS







NORTHERN ATHABASCA BASIN PROJECT





PROJECT HIGHLIGHTS

- Beaverlodge camp was Canada's first uranium producer, with historical production of approximately 70.25 million pounds of U₃O₈ between 1950-1982.
- The ore from Beaverlodge camp averaged $0.23\% U_3O_8$.
- Since the early 90s, limited exploration has been conducted in the Beaverlodge area.

OPTION AGREEMENT PAYMENT SCHEDULE PER PROJECT

Date to complete by	Cash	Share Payment	Exploration expenditure
On Dec 14 (paid)	\$5,000	50,000	-
31 st December 2024	\$10,000	100,000	\$50,000
31 st December 2025	\$10,000	150,000	\$150,000
31 st December 2026	\$10,000	200,000	\$1,000,000
31 st December 2027	\$20,000	250,000	\$2,000,000
Total	\$55,000	750,000	\$3,200,000

BEAVER RIVER GEOLOGY MAP





PROPERTY LOCATION



- / Three distinct geological opportunities, including potential for Beaverlodge-style, Athabasca unconformity-hosted, and basement-hosted mineralization.
- / The area remains unexplored with no modern exploration conducted to date.

BEAVER RIVER ELECTRO-MAGNETIC MAP





PROPERTY LOCATION



- Geology: The uranium-rich zone is located along the same fault structure as the VIC Claims Zone, containing granular pyrite, molybdenite, minor graphite, trace chalcopyrite and malachite, uraninite, and pitchblende.
- / VTEM Survey: A 2016 VTEM survey conducted by Fission covered the eastern part of the project area, identifying key geological features.
- Historical Sampling: High-grade uranium oxide samples collected in 1978 revealed grades exceeding 20% U308, highlighting the area's strong mineralization potential.

BEAVER RIVER GRAPHITE CONDUCTORS MAP





HIGHLIGHTS

Significant	U ₃ O ₈	Length
Result	(%)	(m)
	29.89	0.3
	18.09	0.15
-e	16.1	0.41
en.	3.09	0.61
F	1.77	0.9
	1.28	2.4
	0.23	0.5
le	36.3	-
d u l	29.7	-
Sa	27.62	-

SMITTY PROPERTY







PROPERTY LOCATION



- The Smitty property, encompassing 849 hectares, is situated approximately 3.5 kilometers west of Uranium City.
- The property is accessible by road from Uranium City, offering proximity to established infrastructure.
- In 1954, the Smitty Mine became Canada's first privately owned uranium producer, with mineralized material processed at the nearby Eldorado mill.
- The mine operated from 1950 to 1959, establishing a strong early production record. During its operational years, Smitty produced 1.2 million pounds of uranium at an average grade of 0.20% U_3O_8 .

SMITTY PROPERTY





PROPERTY LOCATION



- The Smitty property features a 3 km contact along the Smitty fault.
- The geology is Beaverlodge-type, with uranium mineralization hosted in a granite rock setting.
- Six diamond drill holes (DDH) have been drilled, though no assay results were reported.
- Radioactive zones have been identified along the fault.

DON LAKE PROPERTY









PROPERTY LOCATION



PROPERTY HIGHLIGHTS

- The Don Lake property, encompassing 524 hectares, is located approximately 4 kilometers northeast of Uranium City in northern Saskatchewan. The site is accessible by road, facilitating logistical operations.
- **Geological Features:**
 - Structural Complexity: The property is characterized by significant cross-faulting, notably the Boom Lake and Black Bay faults, which are associated with uranium mineralization in the Beaverlodge district.
 - Mineralization: Uranium mineralization is structurally controlled, occurring as pitchblende hosted in fractures and veins associated with faults and shear zones, often accompanied by graphite and sulfides.

Historical Exploration:

- Drilling Results: Historical drilling has reported high-grade uranium values, including 10.7% U₃O₈ over 0.3 meters and 2.14% U_3O_8 over 0.67 meters.
- Surface Sampling: Trench sampling has yielded grades up to 8.57% U₃O₈ over 0.91 meters and 2.86% U_3O_8 over 0.61 meters.

DON LAKE PROPERTY





PROPERTY HIGHLIGHTS

- / Historical resource estimate of 30,701 lbs of uranium at a grade of $0.71\% U_3O_8$.
- / Several historic uranium showings identified across the property.
- / A total of 42 drill holes encountered uranium mineralization, with grades ranging from 0.75% to 3% U_3O_8 .
- / Multiple Sample U₃O₈ (6.25%, 2.28%, 1.2%, 1.00%, 0.80%)

Significant Result		U ₃ O ₈	Length	
- 8	0.8		(m)	
	Zone A	10.7	0.3	
ے		2.14	0.67	
ဗ		0.85	0.52	
Trer	Zone C	0.8	0.3	
	Zone B	0.71	0.34	
		0.64	0.3	
00		8.57	0.91	
Ĕ		3.02	0.61	
		2.86	0.61	
õ		1.17	1.98	
	Zone B	1.17	1.98	

PROPERTY LOCATION



LORADO PROPERTY



PROPERTY LOCATION



- / The Lorado property, located approximately 8 kilometers south of Uranium City in northern Saskatchewan, encompasses the historical Lorado Uranium Mine, which was active from 1953 to 1960.
- / Historical Production: The Lorado Mine produced approximately 95,000 tons of ore with an average grade of 0.19% U₃O₈ during its operational years.
- **Geological Features:** Uranium mineralization at Lorado is structurally controlled, associated with graphite and pyrite within highly altered and metamorphosed argillites.

LORADO PROPERTY



PROPERTY LOCATION



- / **Lorado Mine Historical Production:** Produced approximately 390,000 lbs of uranium.
- / Exploration Activities (2005–2009): GLR Resources, JNR Resources, and Red Rock Energy conducted prospecting, soil and rock sampling, airborne magnetic surveys, and geological mapping.
- **Drilling History:** No drilling has been conducted on the property since 1988.

BLACK BAY PROPERTY





PROPERTY LOCATION



PROPERTY HIGHLIGHTS

- The Black Bay property, located approximately 10.9 kilometers southeast of Uranium City in Saskatchewan, encompasses 1,114 hectares and includes the historical Black Bay Uranium Mine.
- Historical Production:
 - / The Black Bay Mine operated in the 1950s, producing approximately 1,375 tons of material with an average grade of 0.17% U₃O₈, which was processed at the nearby Lorado mill.

Geological Features:

- / The property hosts Beaverlodge-style basement-hosted uranium mineralization, characterized by pitchblende occurring near lithological contacts and faults, often associated with hematite and graphite.
- Notable mineralized zones include the A, B, and C Zones, with average grades of 0.47%, 0.72%, and 0.91% U₃O₈, respectively.

BLACK BAY PROPERTY





PROPERTY HIGHLIGHTS

Grab samples from drill core at the Bluegrass U Zone, located 600 meters northwest of the Black Bay Mine, returned high uranium grades of 16.74% U₃O₈ and 9.64% U3O8 at a depth of 12.8 meters.

Significant Result		U ₃ O ₈	Length
		(%)	(m)
rea		0.91	6.1 x 4.6
		0.72	22.9 x 1.
4		0.47	13.7 x 0.
50		0.66	0.3
ling		0.21	0.5
Dril		0.21	0.3
		0.13	0.6
Trenche		3.78	0.3
		3.62	0.3
		2.29	0.2
mple		16.74	
		9.64	
		6.25	
Sa		0.52	
		0.47	

PROPERTY LOCATION



GULCH PROPERTY









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PROPERTY HIGHLIGHTS

- The Gulch Property, encompassing 1,685 hectares, is situated approximately 20 kilometers southwest of Uranium City in northern Saskatchewan.
- Historical Overview:
 - / **Gulch Uranium Mine:** Active between 1953 and 1957, the mine developed 11 mineralized shoots through underground operations and diamond drilling.
 - / Lucy Occurrence: In 1954, trenching at this site yielded uranium values up to 0.37% U₃O₈ over 3 meters.
 - / Duvex Oils and Mines Radioactive Zones: Grab samples from altered sediments containing hematite and pitchblende returned uranium values ranging from trace amounts up to 2.23% U₃O₈

Geological Features:

- / **Mineralization:** Uranium is associated with the regional Black Bay fault structure, indicating potential for both basement-hosted and unconformity-related deposits.
- / **Structural Control:** The property's mineralization is structurally controlled, similar to other deposits in the Beaverlodge District.

GULCH PROPERTY





PROPERTY LOCATION



PROPERTY HIGHLIGHTS

Gulch Mine Operations (1953-1957): Reported 11 mineralized ore shoots with uranium zones measuring from 18.3 to 48.8 meters in length and 1.2 to 4.3 meters in width.

Development Levels: Mining developments extended between the 152-meter and 244-meter levels.

Historic Resource Estimate: Gulch Mines Ltd. identified a deposit of approximately 598,000 tons grading $0.126\% U_3O_8$ (about 1.65 million lbs of uranium), open at both ends and reaching a depth of 122 meters.

GULCH PROPERTY



PROPERTY LOCATION



- **VTEM Survey:** A 2007 VTEM survey conducted by JNR Resources outlined a large electromagnetic (EM) conductor on the property.
- **Untested Target:** The EM conductor has not been drill-tested, presenting a prime exploration target.
- **Mineralization Potential:** The property is considered highly prospective for both basement-hosted and Athabasca sandstone uranium mineralization.

KEY INDICATORS OF HIGH-GRADE URANIUM IN THE ATHABASCA BASIN

ATHABASCA URANIUM DEPOSITS' ATTRIBUTES	DON LAKE	SMITTY	GULCH	BLACK BAY	LORADO	BEAVER RIVER
Graphitic Conductor	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Uranium surface sampling	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Structural Corridor	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Clay Alteration / Bleaching	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Anomalous Radioactivity	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Uranium Geochemistry	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Pathfinder Elements (Boron, Copper, Nickel, Lead)	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

Comprehensive geological indicators supporting high-grade uranium discovery

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2025 STRATEGIC EXPLORATION ROADMAP





EXPERIENCED LEADERSHIP TEAM

Jean Francois Meilleur President, CEO and Director	Mr. Meilleur has over 17 years of experience in corporate mining advisory, including eight years as VP Capital Markets at Critical Elements Corp. He currently serves as VP Capital Markets at Soma Gold. With a strong background in the investment industry, he is skilled in entrepreneurship, mergers and acquisitions, start-ups, leadership, and strategic planning. Mr. Meilleur holds a Bachelor's Degree in Finance from HEC Montréal.
Chris Cooper Director and Chairman of the board	Mr. Cooper has over 20 years of extensive business experience in all facets of corporate development, senior management, finance and operations, in both the private and public sectors. His experience includes spearheading growth strategies, financial reporting, quarterly and annual budgets, overseeing corporate administration, while achieving company objectives and maintaining internal cost controls. Mr. Cooper has been a director of several private and public companies over the last 20 years. Most recently he was a member of the board of Directors of Alpha Lithium Corporation which was taken over by Tecpetrol in October 2023 for \$1.48 per share. Mr. Cooper was also a director of Counterpath Corporation which was taken over by Alianza, Inc. in March 2021 for USD\$25.6 million. He received his Bachelor of Business Administration from Hofstra University and his Master's in Business Administration from Dowling College in New York.
Daryn Gordon CFO	Mr. Gordon is a Chartered Professional Accountant (CPA, CA) with more than two decades of finance and accounting experience. He started his career at global auditing firms Grant Thornton LLP and PwC Canada. For the last fourteen years, Mr. Gordon has continued to expand his expertise and knowledge by providing CFO services to Canadian companies across a variety of industries. Mr. Gordon has a Bachelor of Accounting degree from the University of Lethbridge.
Kim Oishi Director	Mr. Oishi has been providing capital markets advice to domestic and international companies since 1993, focusing on public companies listed on the TSX and TSX-V. Kim has extensive experience leading financings, acquisitions, and investor relations, often serving as a director and officer of public and private companies. Mr. Oishi is the founder and President of Grand Rock Capital Inc., a company that invests in growth companies and provides consulting services regarding capital markets, corporate finance, and investor relations.
Tracy Weslosky Director	 Ms. Weslosky is the CEO, Publisher and Director of InvestorNews Inc., a company that has been a leader in digital media services within the capital markets for over two decades. She is also the Executive Director of the Critical Minerals Institute (CMI), a global organization that enhances collaboration and expertise in the critical minerals market, offering resources, government contract access, and networking opportunities for businesses and professionals. In her earlier career, Tracy co-founded REE Stocks PLC, a rare earths indices company recognized by FTSE, and served as a principal partner in the boutique investment banking firm Weslosky & Cowans Ltd., which maintained an Exempt Market Dealers license for eight years. She also hosted and produced the business television series "DealFlow," reaching 294 million households worldwide, including broadcasts on CNBC. Tracy holds a BA in Political Science from the University of Tennessee, obtained in 1988. A noted speaker, host, and columnist, she maintains several directorships in the capital markets and is recognized as an influential writer in the field.
Etienne Gouin-Proulx Director	Mr. Gouin-Proulx is a Chartered Financial Analyst (CFA) and a Candidate to the Engineering Profession (CEP) with previous experience in project evaluation, merger and acquisition and strategic Marketing. Mr. Gouin-Proulx holds a Bachelor of Engineering from McGill University, specializing in Mining and Mineral Engineering.

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URANIUM MARKET TRENDS



SPOT PRICE FOR U₃O₈ (USD)

URANIUM PRODUCTION IN 2022 BY COUNTRY



Source: Cameco, industry average prices from the month-end prices published by UxC and TradeTech.

Source: Sprott, World Nuclear Association, August 2023 *: Estimated

Number of reactors under construction



Other uranium news:

Nuclear reactors:

- According to the IAEA PRIS database, as of November 13, 2024, there are 63 nuclear reactors under construction worldwide, with a combined net electrical capacity of **66,100 MW.**
- According to the World Nuclear Association, about 90 power reactors with a total gross capacity of about 90 GWe are planned, and over 300 more are proposed^{*}. Most reactors currently planned are in countries in Asia, characterized by fast-growing economies and rapidly-rising electricity demand.

If all these reactors become operational, they could increase annual uranium demand by **up to 104,166 tons (or about 229 million pounds)**, significantly impacting the uranium market over the next two decades (a common estimate is that each gigawatt of nuclear capacity (1 GWe) requires about 200 tons of uranium per year).

This expansion is expected to significantly increase uranium demand in the coming years. The World Nuclear Association **forecasts a 28% growth in uranium demand by 2030 and nearly a doubling by 2040**, driven by the global shift towards low-carbon energy sources and the construction of new reactors.

- / In June 2024, **Paladin Energy** announced plans to **acquire Fission Uranium** in an all-share deal valued at **approximately C\$1.14 billion**.
- / In August 2024, Kazatomprom announced a downward revision of its 2025 uranium production forecast, citing supply chain challenges and project delays.
- / In October 2024, **IsoEnergy** reached an agreement to **acquire Anfield Energy**, in an all-share deal, consolidating exploration assets.
- / Several tech giants, including Microsoft and Google, are showing a strong interest in nuclear power as a reliable and carbon-free energy source to power their data centers. This trend is driven by the energy-intensive nature of data centers and the tech sector's commitment to achieving carbon neutrality.

URANIUM SUPPLY GAP



The shortfall in uranium supply is projected to widen through 2040





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