CORPORATE PRESENTATION

Pike Zone 2025:

Drilling an Ultra High-Grade Uranium

Discovery





CanAlaska URANIUM LTD



TSX.V: CVV OTCQX: CVVUF FRANKFURT: DH7

22 Apr 2025

Disclaimer

Forward Looking Statements



DISCLAIMER: This presentation contains forward-looking information or forward-looking statements under Canadian and U.S. securities laws. These forward-looking statements include. among others, statements with respect to CanAlaska's objectives, goals and strategies to achieve those objectives and goals, as well as statements with respect to CanAlaska's beliefs, plans, objectives, expectations, anticipations, estimates and intentions. The words "may", "will", "could", "should", "would", "suspect", "outlook", "believe", "plan", "anticipate", "estimate", "expect", "intend", "forecast", "objective" and "continue" (or the negative thereof), and words and expressions of similar import, are intended to identify forward-looking statements. By their very nature, forward-looking statements involve inherent risks and uncertainties, both general and specific, which give rise to the possibility that predictions, forecasts, projections and other forward-looking statements will not be achieved. Certain material factors or assumptions are applied in making forward-looking statements and actual results may differ materially from those expressed or implied in such statements. CanAlaska cautions readers not to place undue reliance on these statements, as a number of important factors, many of which are beyond CanAlaska's control, could cause actual results may differ materially from the beliefs, plans, objectives, expectations, anticipations, estimates and intentions expressed in such forward-looking statements. These factors include, but are not limited to, risks relating to: the speculative nature of exploration and development projects; industry matters including unexpected exploration, development and/or operating risks, delays in obtaining permits and licenses for exploration and development of properties; risks related to accidents, equipment breakdowns or other unanticipated difficulties with or interruptions in production; risks related to the inherent uncertainty of exploration and cost estimates and the potential for unexpected costs and expenses; reliance on other operators and partners; the failure of CanAlaska to realize benefits from transactions; risks and uncertainties relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits; results of initial feasibility, pre-feasibility and feasibility studies and the possibility that future exploration, development or mining results will not be consistent with CanAlaska's expectations; CanAlaska's inability to expand and replace its mineral reserves and resources and the imprecision of mineral reserves and resource estimates; the impact of volatility in uranium prices on the valuation of mineral reserves and resources; competition; risks related to the failure of CanAlaska or its partners to obtain adequate financing on a timely basis and on acceptable terms; risks related to environmental regulation, permitting and liability; legal matters; taxation and accounting matters; the inability of CanAlaska to reach development and revenue targets; the market price of CanAlaska's shares; and local and global economic conditions. In addition, CanAlaska has made assumptions related to future demand for uranium, production levels and costs, exploration and mining conditions, relationships with partners and its ability to continue its operations as a going concern and without significant disruptions. Additional factors and assumptions made by CanAlaska are contained in its management discussion and analysis filed under its corporate profile on SEDAR (www.sedar.com). The foregoing list of factors that may affect future results is not exhaustive. When reviewing CanAlaska's forward-looking statements, readers should carefully consider the foregoing factors and other uncertainties and potential events. This presentation may use the terms "measured", "indicated", "inferred" and "historical" mineral resources, U.S. investors are advised that, while such terms are recognized and required by Canadian regulators, the Securities and Exchange Commission does not recognize them. "Inferred mineral resources" and "historical estimates" have a great amount of uncertainty as to their existence and great uncertainty as to their economic feasibility. It cannot be assumed that all or any part of any inferred mineral resource or a historical estimate will ever be upgraded to a higher category. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or other economic studies. Further, historical estimates are not recognized under Canada's NI 43-101, U.S. investors are cautioned not to assume that all or any part of measured or indicated mineral resources will ever be converted to mineral reserves. All assumptions used in the preparation of this corporate presentation and related statements, although considered reasonable at the time of preparation, may prove to be imprecise and. as such, readers are cautioned not to place undue reliance on these forward-looking statements. CanAlaska undertakes no obligation to update or revise any forward-looking statements included in this presentation, except as otherwise required by applicable law. The technical information in this presentation has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101"). Under NI 43-101, the Qualified Person for this presentation is Cory Belyk P.Geo., FGC, CEO, President and Director for CanAlaska, who has reviewed and approved its contents, Please see footnotes at bottoms of slides with historical technical information for disclosure information.

West McArthur Expansion and New Targets

2025 Winter Drilling Success:

Pike Zone

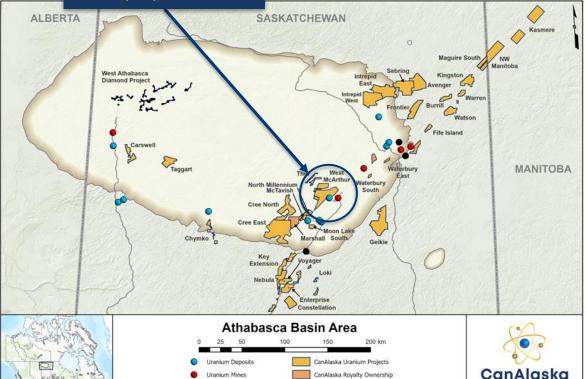
- **Expansion** of High-Grade Uranium
- **Ultra High-Grades** continue
- Unconformity and Upper Basement
- Open in All Directions
- New Targets
- Extensions, New Pod/Pearl(?)



"Pike Zone" Discovery Expands at West McArthur Q1-Q3 2024



Ownership CanAlaska = 85.97% Cameco = 14.03%



CanAlaska Royalty Ownership CanAlaska Diamond Projects

CanAlaska Advantage

Providing opportunity for a Tier 1 uranium discovery



Right Strategy Right Team Focus on Tier 1 Uranium Cameco and Orano Trained

- Safe and Secure Jurisdiction
- **Eastern Athabasca Basin**
- **Explorer and Project Generator**

- Athabasca Basin Leaders
- **Global Uranium Leaders**
- **Discovery Track Record**

Right Assets

- + 500,000 ha (+ 1,235,000 ac)
- Partners: Cameco; Denison
- Next to Critical Infrastructure
- **Well Structured and Financed**

Corporate Structure

Well structured, Well financed, Shareprice is moving



Share Structure April 21, 2025

Share Price	C\$0.74
Shares Outstanding	185.46 M
Fully-Diluted Shares	222.50 M
Market Capitalization	C\$137.24 M
Cash	C\$19.5 M 🜟

Warrants at \$0.43, \$0.52, \$0.56 and \$0.75 Management est. 3.6%, 8.4% fully diluted

CanAlaska Uranium Ltd:

- CVV on the TSX Venture Exchange
- **DH7** on the Frankfurt Exchange
- CVVUF in the USA on the OTCQX

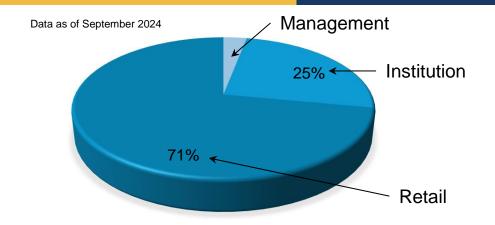


Corporate Structure

New Analyst Coverage, Institutional Percentage is Climbing







Analyst Coverage as of April 17, 2025

	FIRM	ANALYST	PHONE		
CORMARK SECURITIES INC.	Cormark Securities	Nicolas Dion	+1 (416) 943-4220		
RED CLOUD	RED CLOUD Red Cloud Securities		+1 (647) 792 7978		
Desjardins	Desjardins	Bryce Adams	+1 (416) 559-8479		

Technical Strength

Decades of Athabasca Discovery Experience



Management Team



Cory Belyk, P. Geo., FGC CHIEF EXECUTIVE OFFICER, PRESIDENT, DIRECTOR

Mr. Belyk is a geologist with over 30 years of experience in exploration and mining operations, project evaluation and business development. His depth of experience is a result of work on a global scale including Asia, Africa, Europe, North America and Australia.



Harry Chan
CHIEF FINANCIAL OFFICER, CORPORATE SECRETARY

Harry Chan has over 20 years of experience working in several different industries ranging from public practice, sports entertainment, wholesale distribution and telecommunications. He is a graduate of the University of British Columbia and received his Certified General Accountant designation in BC in 1996.



Nathan Bridge, P. Geo., M.Sc. VICE PRESIDENT, EXPLORATION

Mr. Nathan Bridge has over a decade of experience managing exploration, delineation, and geotechnical drilling programs at Cameco Corporation. He was senior Geologist on Cameco's Fox Lake discovery team that took the deposit from exploration stage, through discovery, and into resource definition.



Carrie Howes
CORPORATE COMMUNICATIONS

Carrie manages global operations and investor relations at Rayleigh Capital, drawing from over 15 years of financial industry experience. She served as an institutional Broker with Union Securities International in London for 8 years and later as Managing Director of European Investor Relations at Moore Clayton & Co. for 3 years.

Technical and Political Strength

150 Years of Uranium Discovery and Market Experience



Board of Directors



Karen Lloyd, Director and Chair of the Board

Ms. Lloyd (B. Comm., M.B.A.) comes from a strong strategy, marketing and operations background across six different industries including mining, telecommunications, executive training, banking and aviation. This depth of experience comes from her employment with Telus Communications, Hongkong Bank of Canada and Cameco Corporation.



Peter G. Dasler, Director

Mr. Dasler, in 2004, positioned CanAlaska Uranium, (then CanAlaska Ventures Ltd.), to become a significant presence in the field of Canadian uranium exploration by staking mineral claims in the most favorable districts of Canada's Athabasca Basin, home to the world's largest and richest uranium mines.



Geoff Gay, Director

Mr. Gay (BBA) is currently Chief Executive Officer of Athabasca Basin Development, an Indigenous-owned investment company based in Saskatchewan. Mr. Gay has been its executive leader, and subsequent CEO, since the company's inception nineteen years ago and was instrumental in establishing and growing the company to where it is today.



Jean Luc Roy, Director

Mr. Roy is an independent Director of the Company (2007 - present). He has over 20 years experience in the mining industry. The majority of his experience has been in Africa for companies such as International Gold Resources, Ashanti Goldfields Inc., Senafo, and First Quantum Minerals.



Ambassador Thomas Graham, Director & Chair Emeritus

Ambassador Thomas Graham, Jr. is one of the world's leading experts in nuclear non-proliferation. Amb. Graham has served under four successive U.S. Presidents as a senior U.S. diplomat involved in the negotiation of every major international arms control and non-proliferation agreement for the past 35 years.



Shane Shircliff, Director

Mr. Shircliff (B. Comm., M.B.A.), has over twenty years of experience in sr management and corporate director roles for both publicly traded and private companies, and has extensive experience with various public regulatory regimes. Mr. Shircliff's breadth of expertise over his career include all aspects of negotiating and mergers, acquisitions and divestitures totaling over one billion dollars in value.

Recent News

Production Challenges; Growing Al and Datacenter Demand





Constellation plans 2028 restart of Three Mile Island unit 1, spurred by

Microsoft PPA

The tech giant will purchase energy from the 835-MW plant over 20 years to match power consumed by its data centers in the PJM Interconnection.



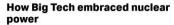
Published Sept. 20, 2024

Cameco Faces Uranium Production Halt at JV Inkai Following Regulatory Delay

yahoo!finance

Cameco 'disappointed and surprised' by New Year's Day halt at uranium mine

Nuclear fuel prices surge as west rues shortage of conversion facilities



Tim De Chant / 1:09 PM PDT - September 23, 2024





Recent News Big Tech Will Drive Decades-Long Nuclear Build-Out



It's the largest deployment in history — Meta, Amazon and Google team up to produce 1 million MW

by **Tsholofelo P.** — March 21, 2025 in **Energy**

"...effectively tripling the current global output...by 2050."

"...global leaders in the tech industry are pooling their resources..."

"...Meta, Amazon, and Google is roughly \$4 trillion to \$5 trillion in market value combined. It's no secret that major tech companies are dominant forces in today's society..."

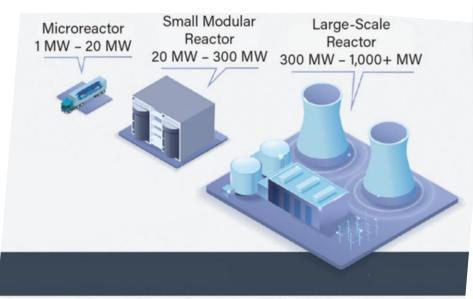
TSX.V-CV

Large and small-scale nuclear power

Small Modular power plants are being built today!



Must Triple Globally by 2050





'Opening up new doors': World watches as Darlington SMR project moves to next phase

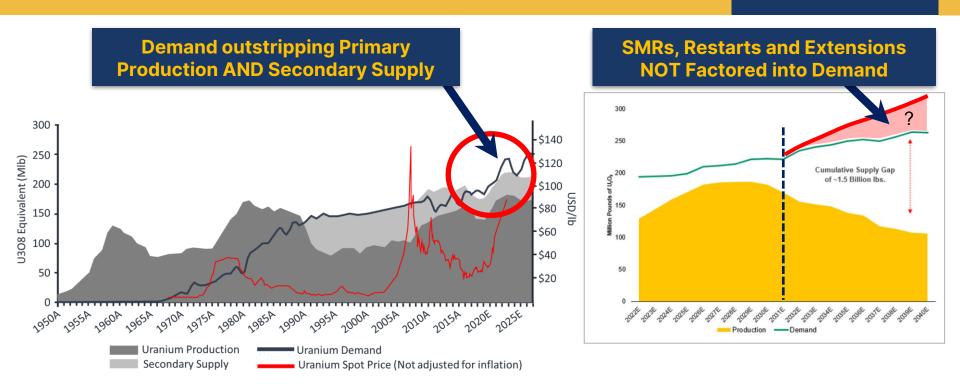
Project helps Ontario market nuclear expertise worldwide

... Even More Uranium Required

Supply – Demand Gap Potentially Larger

First time in history Uranium Demand Out-Strips All Supply





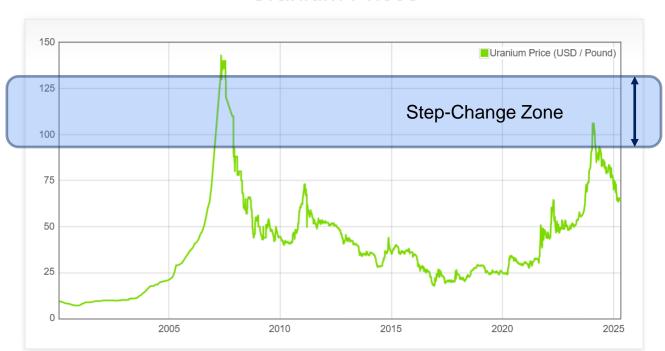
Supply - Demand Gap will be significantly larger than anticipated

Uranium Bull Market Underway

Step-Change to Incentivize New Production/Discoveries



Uranium Prices



Fundamentals have never been better for sustained and increasing Uranium Price

URANIUM SPOT \$64.45 USD

Uranium Spot Price will climb again

Uranium Bull Market Underway

Term Contracting Prices are Climbing; Will Incentivize



	Ux Price Indicators Click for Market Page							
	Weekly Ux U₃O ₈ Prices (3/24/25)							
Ux U₃O₈ Price \$64.45 (+\$1.00) CVD Price \$65.25 (+\$0.50)								
CM	C Price \$64.	<mark>.00 (+\$1</mark> .00) 0	RO Price \$64.	50 (+\$1.50)			
	Month-End Ux Prices (2/24/25)							
	Ux U₃O₃ Price [®]	\$65.55	on	NA Spot NA Term EU Spot EU Term	\$80.00			
	CMC [Cameco]	\$64.75	ırsi	NA Term	\$50.00			
	CVD [ConverDyn]	\$66.75	nve	EU Spot	\$80.00			
ő	ORO [Orano]	\$64.75	ပိ	EU Term	\$49.00			
U.	Spot MAP*	\$67.40	pot	NA Price	\$251.25			
	3-Yr Forward	\$80.00	လွ	NA Value*	\$251.27			
	5-Yr Forward	\$87.00	占	EU Value*	\$251.27			
	Long-Term	\$80.00	4	NA Spot*	\$3,720			
3	Spot	\$185.00	旦	NA Term*	\$3,694			
SWL	Long-Term	\$168.00	*Calculated values					

Fundamentals have never been better for sustained and increasing Uranium Price

URANIUM SPOT \$64.45 USD

Term Contracting is Back!

TSX.V-CV

"Trump Economics" at play

Chaos is rippling through the markets



The stock market plunge shows Trump's disruption can't be contained



Canada unveils \$30B counterpunch ahead of high stakes tariff meeting in Washington. Live trade war updates here.



Bank of Canada cuts rate amid 'new crisis' of trade war with the U.S.



Wall Street keeps shaking, and stocks lose a big morning gain as Trump's trade war escalates



Source: BNN 12 March 2025



Canada and the EU swiftly retaliate against Trump's steel and aluminum tariffs



World facing Trump's tariffs watches Canada test ways of fighting back

24 Month Share Price Performance

Positive U Market Conditions Remain

Market turned in early 2024

Warming up again? Positive Fundamentals Growing

Pike Zone Ultra High-Grade Holes

- Banking doors have opened
- BOUGHT Deal completed
 - Cormark and Desjardins
- Institutions taking a stake





TSX.V: CVV OTCQX: CVVUF Frankfurt: DH7

Peer Group 2 Year Share Performance

CanAlaska ahead of peerş – Pike Zone has changed CVV!





CanAlaska is separating from former Peers with further discovery expansion

Mid / Producer 2 Year Share Performance

CVV is performing better than the producers/developers











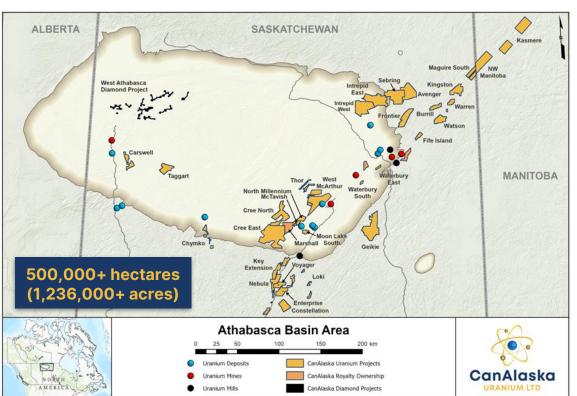




Active Explorer & Project Generator

Eastern Athabasca Basin Focus: Mines, Mills, Infrastructure





Research / Acquire / Deal / Discover

High-Grade Uranium Targets

Technical Evaluation and Staking

Deals

Minimize: Shareholder dilution

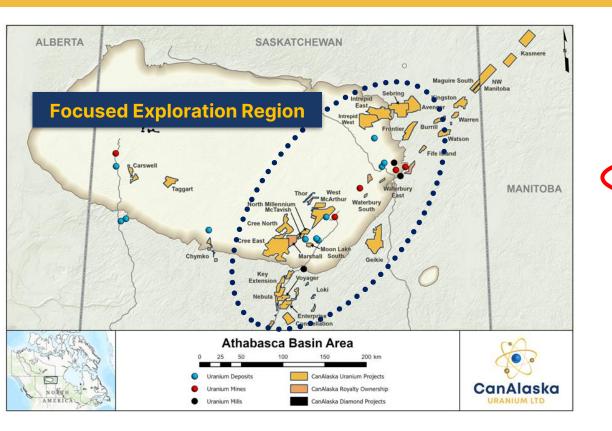
Maximize: Capital gain



Aggressive 2025 Plans

Eastern Athabasca Basin Focus





2025 Work:

West McArthur, Moon Lake South, Cree East and other project advancement in Eastern Athabasca Basin Region

West McArthur (\$12.5M)

Drilling on Pike Zone and nearby targets

Moon Lake South (\$0.07M CVV share) Geophysics

Partner Sole-Funded Projects
Drilling on Cree East by Nexus Uranium

Other CanAlaska Projects

Geophysics on Intrepid West, Intrepid East, Sebring and Avenger

Staking New Opportunities – Deals Ongoing

CanAlaska: 2025 Drill Activities

News Schedule and Results: Active Programs on Discoveries



DRILLING PROGRAMS

Jan - Apr: West McArthur, SK Uranium

Jan - Apr: Cree East, SK Uranium

Jun - Sep: West McArthur, SK Uranium

Jun - Aug: Cree East, SK (pending) Uranium

NOTE: Added partner sole-funded drilling expected

Drilling on Discoveries

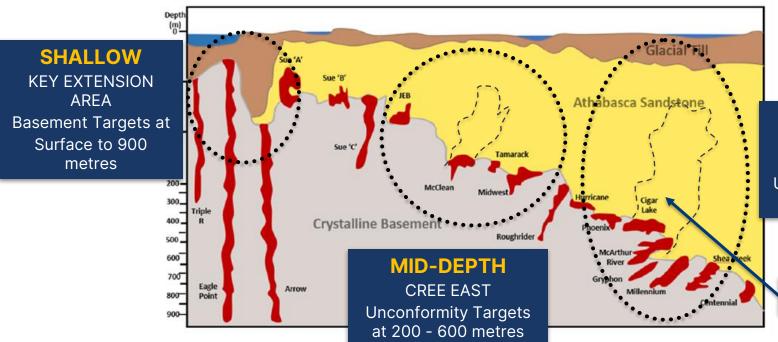
Splitting Ultra High-Grade Core



Drilling, Project Generation and Property Deals...Ongoing for all of 2025



CanAlaska has unconformity and basement-hosted uranium intersections in multiple situations



DEEP

WEST MCARTHUR

Very Large
Unconformity Targets
at 700 - 900 metres

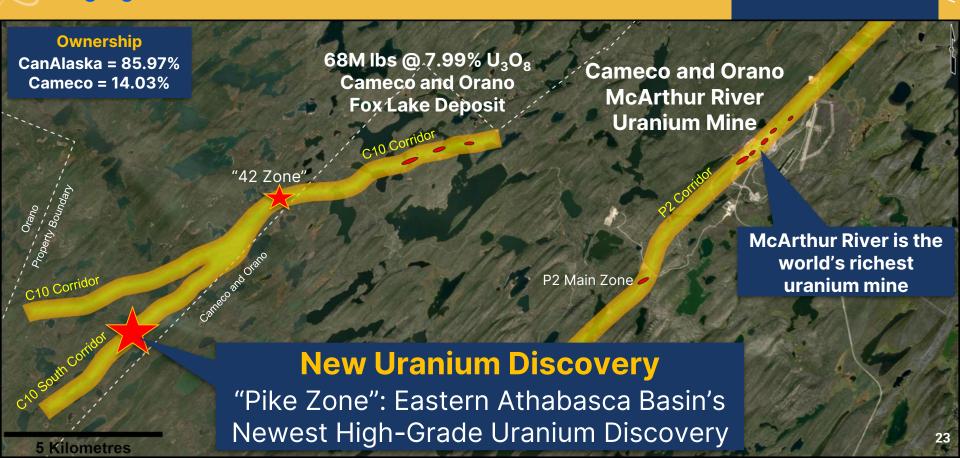
Large Haloes

Experience-Driven Ideas Result in New Deposit Discoveries

West McArthur: Pike Zone Discovery

A high-grade corridor near the world's richest uranium mine





100 Metres

477200

Priority Target Area

477100

6.1m at 17.31% U₃O₈

477300

2004-2016 Early

Days

2022

New Data

2023 Growth

<u>2025</u>

Delineation 2025

Maiden Resource?

2016-2021

'42 Zone'

2022

Pike Zone

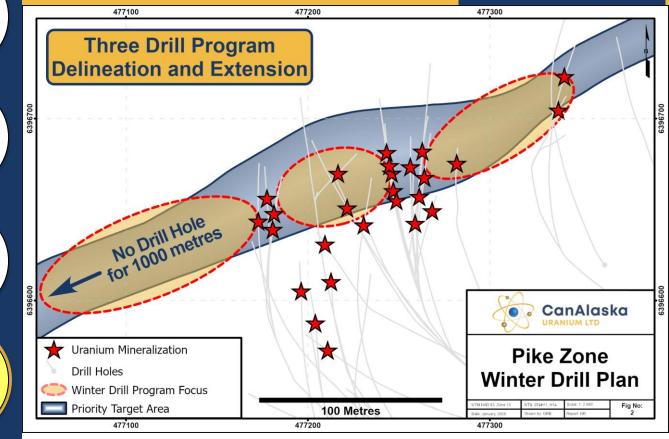
2024

High Grade

Pike Zone Discovery

Aggressively Advancing in 2025



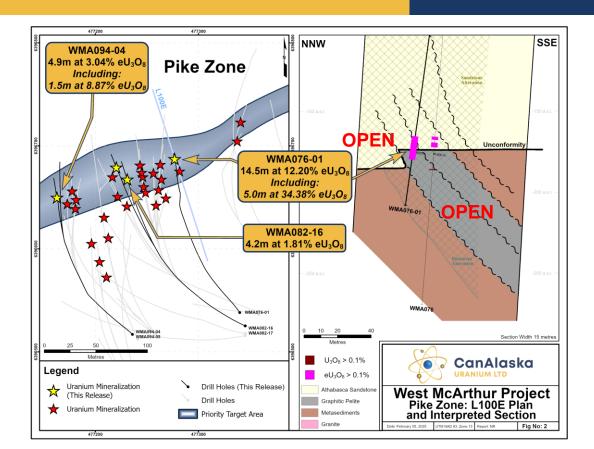


Resource?

Pike Zone Discovery

5 Feb 2025 - Eastern Extension





Early Days

2016-2021

'42 Zone'

2022

Pike Zone

2024

High Grade

2025

Maiden

Resource?

2022

New Data

<u>2023</u>

Growth

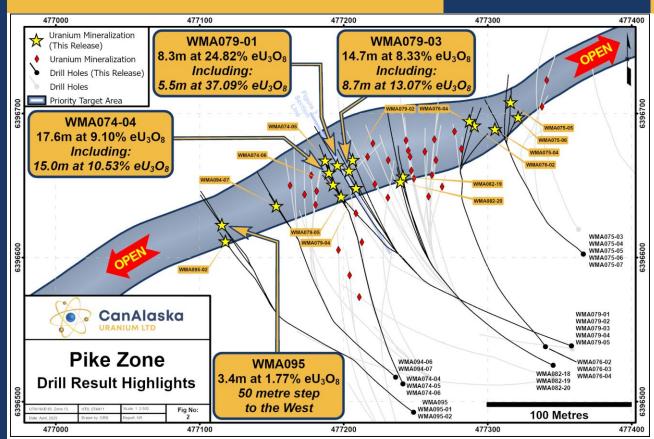
2025

Delineation

Pike Zone Discovery

22 Apr 2025 - Infill and Extension

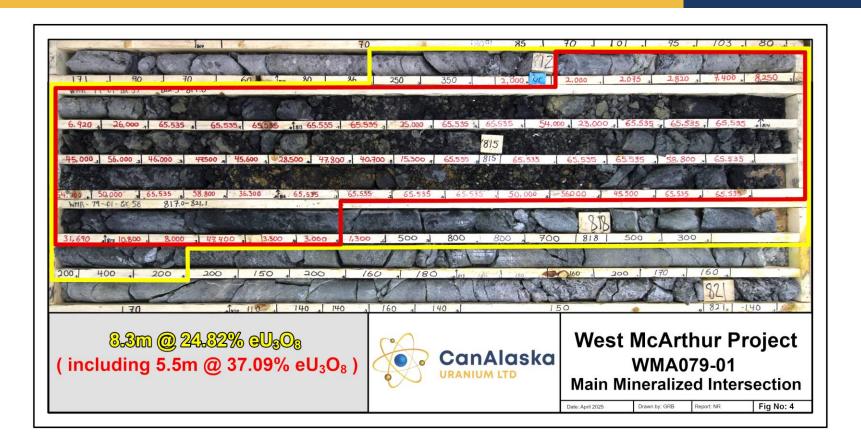




Pike Zone Ultra High-Grade Uranium

Best hole drilled to date announced - 22 April 2025





Pike Zone is Expanding

Ultra High-Grade Uranium: Unconformity and Basement



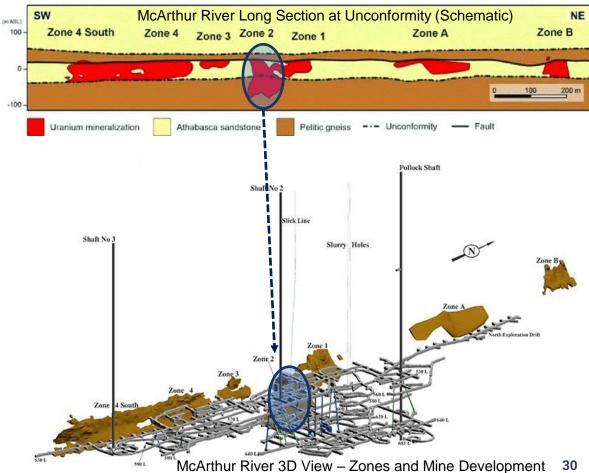


McArthur River Zones:

- McArthur River Zone 2 is a small target that contains 350M Lbs Uranium
- Series of "Pearls" on a string
- **Drilling must account for small scale** and gaps in the zones
- While all zones are slightly different, they are all located at or below the unconformity (spatial association)



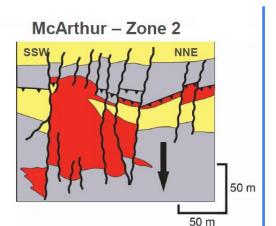
"Pearls on a string"



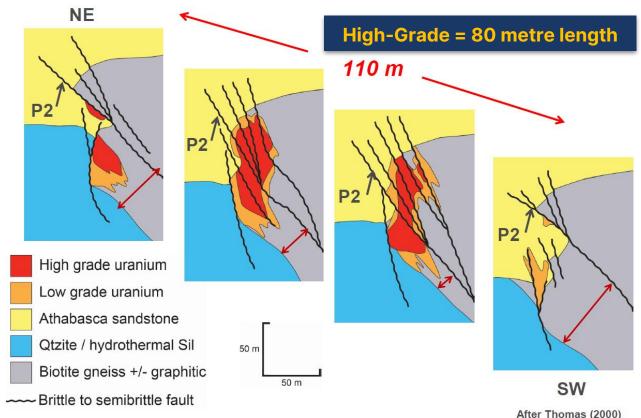
Zone 2 McArthur River – An Analogue?

80m long x 25m wide x 70m high (350m lbs uranium)





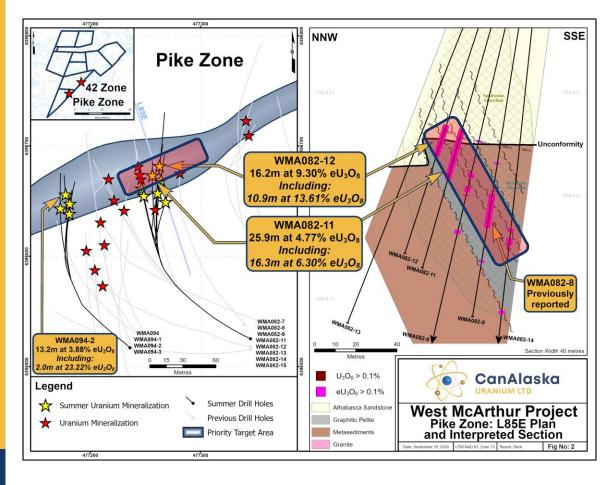
Zone 2 at McArthur River is an extremely small target that contains a lot of uranium



Expanding The High-Grade:

- McArthur River Zone 2 shown (approx.)
- Tier 1 looking, so far
- Drilling will focus on expansion of ultra high-grade uranium mineralization
- Main Goals
 - Show Tier 1 Potential
 - Move toward initial resource
 - H2 2025?
 - Find additional zones/pods



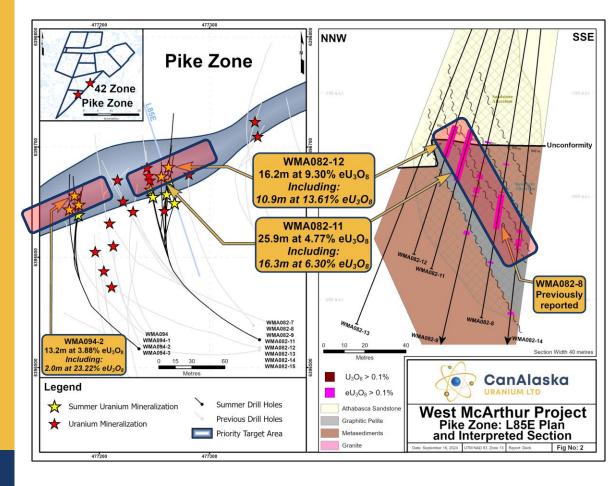




Expanding The High-Grade:

- McArthur River Zone 2 shown (approx.)
- Second 'Pearl' intersected; or possible extension; open to expand rapidly
- One of the most exciting outcomes from 2024
- 2025 Plans
 - Expand this knowledge
 - More Pearls?







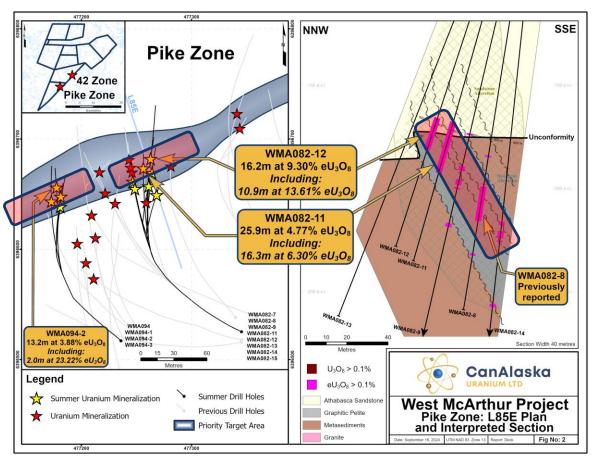
Expanding The High-Grade:

What if there is a third (or more) 'pearl along the string' at Pike Zone?







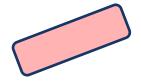




Pike Zone Ultra High-Grade Uranium

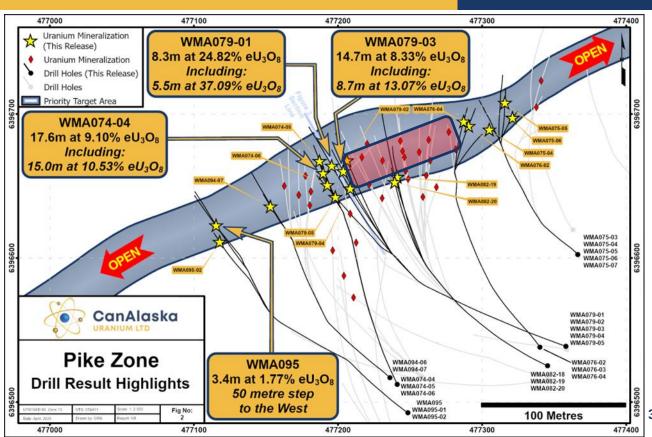
Best hole drilled to date announced - 22 April 2025





Approximate Zone 2 Footprint Scale

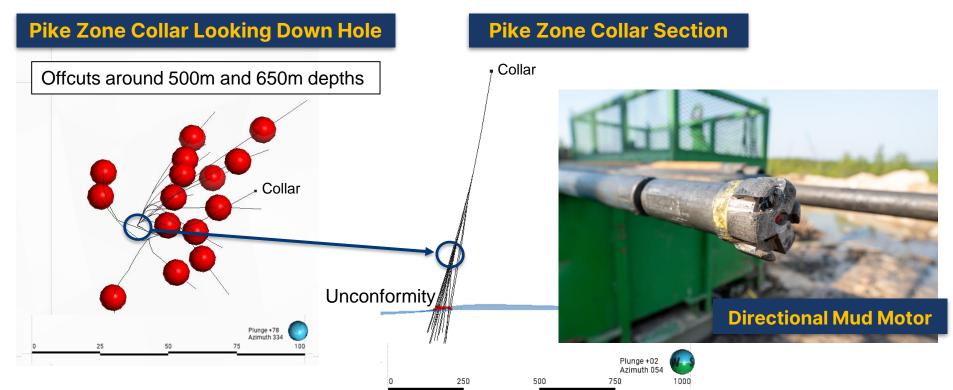
250 metres Uranium Mineralization and OPEN in all directions



West McArthur Optimization Example

Directional Drilling turns 800 metres into 300 metres





CanAlaska Advantage

Small Environmental Footprint, Highly Cost Effective



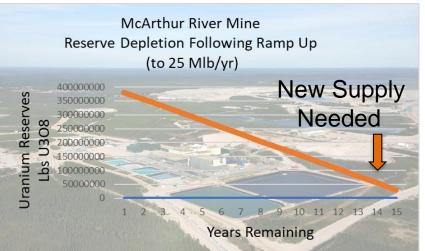


Strategic Opportunity

Key Lake Mill Needs Tier 1 Feed KNOWN TODAY



Cameco/Orano Key Lake Mill



Cameco has a Reserve Depletion Problem

Remaining Reserves Total 485M lbs U₃O₈

	Proven reserves			Probable reserves				Total mineral reserves		
Property	Tonnes	Grade %U ₃ O ₈	Content (lbs U ₃ O ₈)	Tonnes	Grade %U ₃ O ₈	Content (lbs U ₃ O ₈)	Tonnes	Grade %U ₃ O ₈	Content (lbs U ₃ O ₈)	Cameco's sha of content (lbs U ₃ O ₈)
✓ Cigar Lake (UG)	338.1	18.11	135.0	217.5	15.36	73.7	555.6	17.03	208.6	113.8
Key Lake (OP)	61.1	0.52	0.7	-	-	-	61.1	0.52	0.7	0.6
McArthur River (UG)	2,047.3	7.02	316.8	520.7	5.55	63.8	2,568.0	6.72	380.5	265.6
✓ Inkai (ISR)	239,588.4	0.04	208.8	66,046.9	0.04	52.9	305,635.3	0.04	261.7	104.7
Total	242,035.0	_	661.2	66,785.0	_	190.3	308,820.1	_	851.5	484.7

A +Billion Dollar Asset

Key Lake Mill <u>needs a new discovery</u> to provide feed

20% of Current Global U Production Gone Within 15 Years when Cigar Lake and McArthur River are Done

New Exploration Opportunities

Up to \$44M in Exploration PLUS Cash and Shares





2020 to 2025: (NEW staking) +20 projects acquired

Cree East

• \$19M Option Deal

Geikie, Marshall, N Millennium

A\$15M Option Deal

Constellation

• \$5M Option Deal

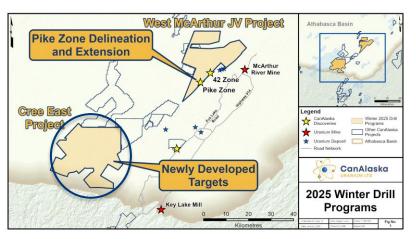
Waterbury East

• **\$5M** Option Deal

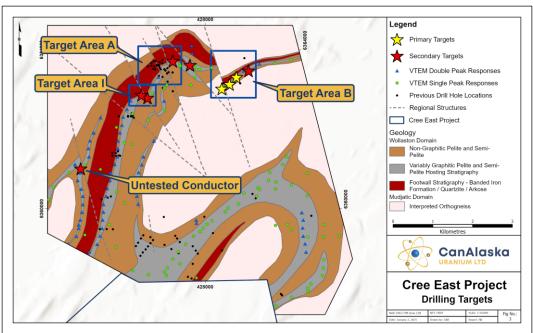
New Exploration Drilling at Cree East

CanAlaska is Project Operator in 2025





Winter Drilling just finished

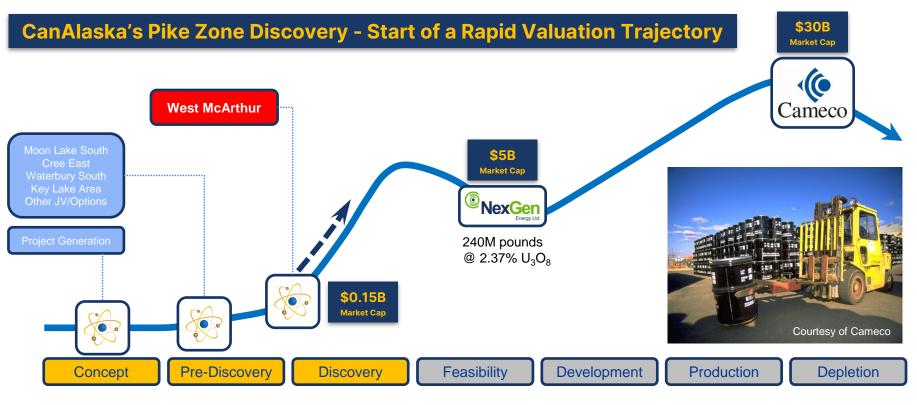


Nexus Uranium is sole-funding as part of \$19M Option Earn-In Deal

CanAlaska Pipeline

Early Stage Discovery - Forward Value Proposition





CanAlaska Ticks All the Boxes

Photo of **69.1% U₃O₈** from Pike Zone

M Project Generator Model

Major Industry Partners

Experienced Management

World Class Targets

Co-Funding

■ Low Price

High Growth Potential

Sector Recovery

Multiple Trigger Events

Advancing A New Ultra High-Grade Discovery



TSX.V: CVV OTCQX: CVVUF FRANKFURT: DH7



Join Us For The Discovery Journey!

CanAlaska

Pike Zone:
Drilling an Ultra
High-Grade Uranium
Discovery

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