

# Canada's Premier Uranium Exploration Company

TSXV: SASK FRA: X5U OTCQB: SASKF

www.athaenergy.com

### **Corporate Presentation**

August 2025





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The information contained in this Presentation is derived from management of the Company and otherwise publicly available information concerning the Company and does not purport to be all-inclusive or to contain all the information that a reader may desire to have in evaluating the Company. The information has not been independently verified and is subject to material updating, revision and further amendment, and is qualified entirely by reference to the Company's publicly disclosed information and/or any other legal disclosure document(s). No representation or warranty, express or implied, is made or given by or on behalf of the Company, or any of its affiliates, directors, officers or employees as to the accuracy, completeness or fairness of the information or opinions contained in this Presentation and no responsibility or liability is accepted by any person for such information or opinions. The Company does not undertake or agree to update this Presentation or to correct any inaccuracies in, or omissions from, this Presentation that may become apparent. No person has been authorized to give any information or make any representations other than those contained in this Presentation and, if given and/or made, such information or representations must not be relied upon as having been so authorized. The information are not to be construed as legal, financial or tax advice.

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This Presentation contains "forward-looking information" and "forward looking statements" within the meaning of applicable securities laws and (collectively, "forward-looking statements"). Forward-looking statements in this Presentation include, but are not limited to, statements with respect to: the Company's business plan, including its exploration plans, and strategy; the Company's development and commercialization plans and objectives, business performance and, prospects and opportunities available to the Company; the Company's expectations regarding exploration activities; potential results from exploration activities; the prospectus of the Company's business plans and any expectations with respect to defining mineral resources or mineral reserves on any of the Company's projects; expectations with respect to any permitting, development or other work that may be required to bring any of the projects into development or production; the Company's position in the industry and the market in which it operates; and other economic indicators and estimations. Often but not always, forward-looking statements can be identified by the use of words such as "anticipate", "outlook", "envisage", "believe", "expect", "project", "estimate", "likely", "intend", "should", "could", "may", "might", "target", "plan" and other similar expressions or variations (including negative variations) of such words and phrases. Forward-looking statements are based on certain material assumptions and analysis made by the Company, and the opinions and estimates of management as of the date such statements are made and they represent management's best judgment based on facts and assumptions that management considers reasonable in light of its experience and perception of historical trends, current conditions and expected future developments and other factors it believes are appropriate, and are subject to risks and uncertainties.

The material assumptions upon which forward-looking statements in this Presentation are based include, among others, assumptions with respect to commercialization, growth plans and cash flows; future demand and trends in industries in which the Company may participate; the potential discovery of competing resource deposits; the Company's ability to achieve expected synergies cost savings and revenue; the Company's ability to access financing on favorable terms from time to time; the continuation of executive and operating management or the non-disruptive replacement of them on competitive terms;

the regulatory environments in which the Company operates; the anticipated benefits of the Company's proposed exploration program will be realized; ability to complete its exploration activities as expected and on the current anticipated timelines; proposed explorations will yield results as expected; and stable market and general economic conditions. However, this data is inherently imprecise. The Company makes no representation that reasonable business people in possession of the same information would reach the same conclusions. Although the Company believes that the assumptions underlying forward-looking statements are reasonable, they may prove to be incorrect, and the Company cannot assure that actual results will be consistent with such statements. Given these risks, uncertainties and assumptions, you should not place undue reliance on these forward-looking statements, or the information contained in such statements.

Whether actual results, performance or achievements will conform to the Company's expectations and predictions is subject to a number of known and unknown risks, uncertainties, assumptions and other factors, including, but not limited to, the Company's potential requirement for additional funding to develop its business and its ability to acquire such funding on commercially acceptable terms, and risks relating to the following: liabilities associated with acquired companies or assets; failure to achieve expected synergies, cost savings, sales, and/or revenue; changes to the regulatory environments in which the Company operates and/or may operate; litigation or regulatory action; the ability of the Company to obtain appropriate insurance on commercially reasonable terms; the ability of the Company to maintain all licenses and permits necessary for the Company to carry out its businesses; the Company's inability to maintain or improve its competitive position; future demand and trends in sales failing to meet the Company's expectations for the operations of the Company, the Company's failure to retain key personnel and hire additional personnel needed to develop its business; the Company's failure to adequately evaluate its current business and future prospects; the Company's failure to complete current exploration plans as presently anticipated or at all; inability for the Company to economically realize on the benefits, if any, derived from the exploration program; failure to complete business plans as it currently anticipated; overdiversification of the Company's portfolio; failure to realize on benefits, if any, of a diversified portfolio; unanticipated changes in the market price of the Company's shares; changes to the Company's current and future business and exploration plans and strategic alternatives available thereto; changes in growth prospectus and outlook of the business of the Company, risks inherent in mineral exploration activities; changes in demand, supply and pricing for uranium; and changes to applicable laws of any jurisdiction in which the Company operates or proposes to operate. Other factors which could materially affect such forward-looking information are described in the risk factors of the Company's most recent financial statement and management discussion and analysis, and in other filings of the Company with the Canadian securities regulators which are available on the Company's profile on SEDAR+ at www.sedarplus.ca.

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Historical statements contained in this document regarding past trends or activities should not be taken as a representation that such trends or activities will continue in the future. In this regard, certain financial information contained herein has been extracted from, or based upon, information available in the public domain and/or provided by the Company. No statement in this Presentation is intended to be nor may be construed as a forecast or expectation of future results. To the extent any forward-looking information in this Presentation constitutes "future-oriented financial information" or "financial outlook" within the meaning of applicable Canadian securities laws, such information is being provided to demonstrate the anticipated cost savings, market share and market growth that may be obtained by the Company. The reader is cautioned that this information may not be appropriate for any other purpose and the reader should not place undue reliance on such future-oriented financial information and financial outlooks, as with forward-looking information generally, are, without limitation, based on the assumptions and subject to the risks set out herein. The Company's actual financial position and results of operations. Such information is presented for illustrative purposes only and may not be an indication of the Company's actual financial position or results of operations.

#### Market and Industry Data

This Presentation includes market and industry data that has been obtained from third party sources, including industry publications. The Company believes that the industry data is accurate and that the estimates and assumptions are reasonable, but there is no assurance as to the accuracy or completeness of this data. Third party sources generally state that the information contained therein has been obtained from sources believed to be reliable, but there is no assurance as to the accuracy or completeness of included information. Although the data is believed to be reliable, the Company has not independently verified any of the data from third party sources referred to in this presentation. References in this presentation to reports and publications should not be construed as depicting the complete findings of the entire referenced report or publication. The Company does not make any representation as to the accuracy of such information. The Company disclaims any obligation to market and industry data, except as required by law.



### Uniquely Positioned Growth Torque



Uranium District Scale Potential ATHA's successful 2024 exploration programs at the 100%-owned Angilak Project unveiled an Exploration Target range of 61 – 98M lbs U3O8 with an average grade range of 0.37% U3O8 and 0.48% U3O8 at the Lac 50 deposit and identified district-scale potential across the Angilak Project<sup>1</sup>



Significant Uranium Exploration Torque

A leading uranium growth Company focused on advancing its flagship Angilak Project, post-discovery assets in the Athabasca Basin, drill-ready greenfield exploration targets, and carried interest upside



Growth
Commitment

ATHA delivered one of the largest exploration programs in the uranium sector in 2024 over one of the most comprehensive uranium exploration portfolios in Canada and is positioned for growth through this uranium cycle



Exceptional Team with Global Reach

Exceptional team with global technical, corporate, M&A, and capital markets experience to drive growth



2025 Drill Program
Targeting Global Scale

Geophysics completed in Q1 2025 identified multiple high-priority zones within Angikuni Basin, which will be tested in fully funded and initiated 10,000m summer 2025 drill program aimed at unlocking globally significant uranium scale

¹The stated potential quantity and grade is conceptual in nature, and there has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource; Conclusions from a third-party updated Technical Report (with an effective date November 25, 2024) establish a baseline Exploration Target Model for the Lac 50 Deposit, ranging between 60.8 M lbs U3O8 and 98.2 M lbs U3O8, with an average grade range of 0.37% U3O8 and 0.48% U3O8; a copy of which is available on the Company's SEDAR+ profile at www.sedarplus.ca; The QP provided ranges for potential uranium quantity and grade as a target for further exploration on the Lac 50 Deposit using the available verified diamond drillhole data, including the 2024 drill program results. The ranges were derived from conceptual vein wireframes, drill core assays, grade interpolation, and applied uncertainty bandwidths. The exploration target encompasses the deposit area previously included within the historical mineral resource



### Capital Structure

### **Share Capital**

Basic Shares Outstanding	М	298.1
Share Price (July 31, 2025)		C\$0.70
Basic Market Cap	М	C\$209
Options	М	19.3
RSUs	М	5.1
Warrants	М	9.2
Enterprise Value	М	C\$194

### **Analyst Coverage**

Firm	Analyst
Hannam&Partners	Roger Bell
BEACON	Michael Curran
cg/Canaccord	Katie Lachapelle
RED COLOUD	David Talbot
PARADIGM	Gordon Lawson

CONCEPTUAL

**Exploration Target at Angilak Project<sup>1</sup>** 

60.8M lbs

98.2M lbs

Lower Range

Upper Range

0.37% U3O8 and 0.48% U3O8 Avg. Grade

Historical U3O8 Resource<sup>2</sup>

0.69% U3O8

43.3M lbs

Angilak Project

0.037% U3O8

14.5M lbs

CMB Discoveries

**Uranium Prospective Land Position** 

+7M

Acres

<sup>1</sup> The stated potential quantity and grade is conceptual in nature, and there has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource; Conclusions from a third-party updated Technical Report (with an effective date November 25, 2024) establish a baseline Exploration Target Model for the Lac 50 Deposit, ranging between 60.8 M lbs U308 and 98.2 M lbs U308, with an average grade range of 0.37% U308 and 0.48% U308; a copy of which is available on the Company's SEDAR+ profile at www.sedarplus.ca; The QP provided ranges for potential uranium quantity and grade as a target for further exploration on the Lac 50 Deposit using the available verified diamond drillhole data, including the 2024 drill program results. The ranges were derived from conceptual vein wireframes, drill core assays, grade interpolation, and applied uncertainty bandwidths. The exploration target

encompasses the deposit area previously included within the historical mineral resource <sup>2</sup>A Qualified Person has not done sufficient work to classify the historical estimates as current mineral resources or mineral reserves and ATHA is not treating the historical estimates as current mineral resources or mineral resources. See Appendix for



### Best Canadian Uranium Jurisdictions

#### THE ATHABASCA BASIN

# Home to the largest and highest-grade uranium deposits in the world<sup>1</sup>

- Over 900M lbs of U<sub>3</sub>O<sub>8</sub> produced and known resources of 606,600 tonnes U<sub>3</sub>O<sub>8</sub><sup>1</sup>
- Saskatchewan was ranked 7<sup>th</sup> in the world for mining investment attractiveness<sup>2</sup>
- ATHA holds the largest exploration land position and has projects across the exploration risk curve in the Athabasca Basin

### THE ANGIKUNI/THELON/BAKER LAKE BASINS

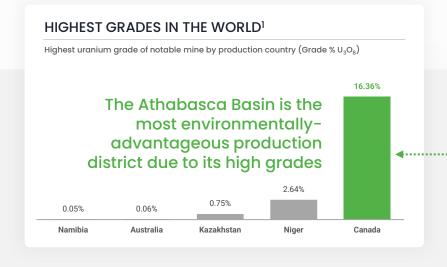
### A geological analogue to the Athabasca Basin in a friendly mining jurisdiction<sup>3</sup>

- Hosts renowned Angilak Project, with historical resource of 43M lbs at an average grade of 0.69%
- Contains the Kiggavik Deposit, a large uranium resource with near-term production potential<sup>5</sup>
- Underexplored, pro-mining jurisdiction with well-developed regulatory process

#### THE CENTRAL MINERAL BELT

# Host to a widespread variety of uranium mineralization

- Home to the 127M lbs Michelin Deposit one of the largest uranium deposits in North America<sup>5</sup>
- Hosts Moran Lake and Anna Lake deposits with combined historic resource of 14.5M lbs at an average grade 0.037% U308<sup>4</sup>
- Newfoundland & Labrador ranked 4<sup>th</sup> globally for mining investment<sup>2</sup>





<sup>1</sup>World Nuclear Association
<sup>2</sup> Fraser Institute; 2025
<sup>3</sup> Mineralogy, geochronology, and genesis of the Andrew Lake uranium deposit,
Thelon Basin, Nunavut, Canada; Canadian Science Publishing

<sup>4</sup> A Qualified Person has not done sufficient work to classify the historical estimates as current mineral resources or mineral reserves and ATHA is not treating the historical estimates as current mineral resources or mineral reserves. See Appendix for additional details

<sup>5</sup> World Nuclear Association



### Our Foundation



### **Our People**

A management and technical team with a strong capital markets presence and notable uranium development experience from Cameco, NexGen Energy, IsoEnergy, and Mega Uranium



### **Our Assets**

Angilak Project (historical resource 43.3M lbs 0.69% U308)1, CMB Discoveries (historical resource 14.5M lbs U308 0.037% U308)1, a recent high-grade, near surface discovery (Gemini), 3.8M acres of Athabasca Basin land, 3.1M acres of Thelon Basin and Angikuni Basin land, 399k acres of Newfoundland and Labrador land, and upside to key NexGen Energy and IsoEnergy lands



### **Our Strategy**

Leveraging the largest uranium exploration portfolio in Canada that includes high potential generative projects through to district-scale project exploration in order to create significant exploration torque

**Troy Boisjoli** CEO & Director

**Cliff Revering VP** Exploration

Karina Tyne Director of Corp. Affairs **Ryan Gaffney** SVP. Business Dev. Rhéal Assié **CFO** 





















Teck

**Funder** 

**A**grium

Mike Castanho Chairman

**Richard Pearce** Director

**Phil Williams** Director

Doug Engdahl Director

**Erinn Broshko** Director

Suraj Ahuja Director



















CG/Canaccord

















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#### **ASSET OVERVIEW**

# A comprehensive asset portfolio with maximized torque to exploration upside



#### HISTORIC RESOURCE

### Angilak & CMB Discoveries<sup>1</sup>

Angilak Project (historic resource **43.3M lbs** U308 0.69% U308) in Nunavut and CMB discoveries (historic resource **14.5M lbs** U308 0.037% U308) in Labrador with significant district-scale mineralization potential

#### 2024 Exploration Work

- +10,000m diamond drilling program at Angilak
- Targeted airborne geophysics program comprised of EM, mag, and VLF survey types at Angilak

#### ADVANCED TARGETS

### Gemini, Pinnacle, Ridge, Zenith

Advanced, drill-ready targets that have been de-risked by prior geophysics or drilling throughout the most globally-significant uranium basin in the world

#### 2024 Exploration Work

- √ 6,100m diamond drilling program
- Targeted ground geophysical programs
- Data compilation, interpretation and machine learning prospectivity analysis for target generation and de-risking

#### CARRIED INTEREST

### Upside to Major Developers

10% carried interest on key parts of NexGen and IsoEnergy land, which is actively being explored

#### 2024 Exploration Work

√ 30,000m of drilling in 2024 announced by NexGen in region

#### **EXPLORATION PIPELINE**

### +7M Acres of Exploration Land

3.8M acres of land within the Athabasca Basin, 3.1M acres of land in Nunavut, and 399k acres in the Central Mineral Belt

#### 2024 Exploration Work

 Further advancement of high priority targets through a combination of EM, gravity and ambient noise tomography survey types

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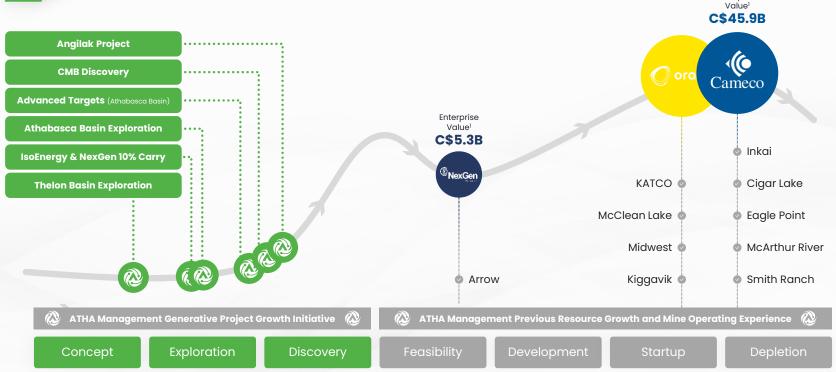
Enterprise

### Advancing an Exploration Portfolio



# Advancing a thoroughly diversified portfolio of exploration assets across the Lassonde Curve

Team with track record of resource growth and uranium mine operations at many of the largest projects in North America



<sup>1</sup>Price data as at July 31, 2025



### Leading Exploration Upside



<sup>1</sup> Price data as at July 31, 2025 <sup>2</sup> A Qualified Person has not done sufficient work to classify the historical estimates as current mineral resources or mineral reserves and ATHA is not treating the historical estimates as current mineral reserves. See Appendix for additional details



### The Angilak Project – Lac 50 Deposit

HISTORIC RESOURCE

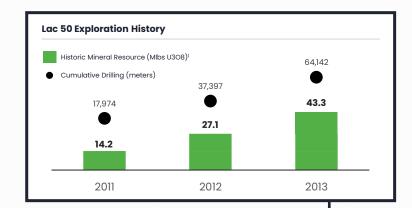
ADVANCED TARGETS

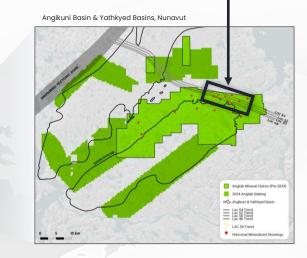
CARRIED INTEREST

EXPLORATION PIPELINE

# A high-grade uranium deposit located in Nunavut with significant exploration potential

- One of the highest-grade deposits globally outside of the Athabasca Basin
- Lac 50 Deposit hosts historical resource of **43.3Mlbs U308** at an average grade of 0.69 %<sup>1</sup>
- Home to four 15km long by 3km wide corridors with confirmed uranium mineralization that run parallel to the Lac 50 Trend including, the Lac 48, Lac 52, and Lac 54 Trends
- Subject to +\$107.2M of investment since 1975
  - Following ATHA's 2024 Drill Program at Angilak, ATHA published the Lac 50 Deposit baseline conceptual exploration target ranging between 60.8Mlbs U308 and 98.2Mlbs U308, with an average grade range between 0.37% and 0.48% U308 respectively<sup>2</sup>
- The Exploration Target is based on diamond drill holes from 2009-2024 exploration at Lac 50 and encompasses the deposit area included within the historical mineral resource<sup>2</sup>





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<sup>&</sup>lt;sup>2</sup> The stated potential quantity and grade is conceptual in nature, and there has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource; Conclusions from a third-party updated Technical Report (with an effective date November 25, 2024) establish a baseline Exploration Target Model for the Lac 50 Deposit, ranging between 60.8 M lbs U308 and 98.2 M lbs U308, with an average grade range of 0.37% U308 and 0.48% U308; a copy of which is available on the Company's SEDAR+ profile at www.sedarplus.ca; The QP provided ranges for potential uranium quantity and grade as a target for further exploration on the Lac 50 Deposit using the available verified diamond drillhole data, including the 2024 drill program results. The ranges were derived from conceptual vein wireframes, drill core assays, grade interpolation, and applied uncertainty bandwidths. The exploration target encompasses the deposit area previously included within the historical mineral resource



### 2024 Lac 50 Deposit Success

HISTORIC RESOURCE

ADVANCED TARGETS

CARRIED INTEREST

EXPLORATION PIPELINE

# Expanding the footprint of known uranium mineralization

25 diamond drill holes for a total of ~10,051m were completed in 2024 on the Angilak Project. The program successfully completed the following objectives:

#### 1. Expand mineralization footprint at the Lac 50 Deposit

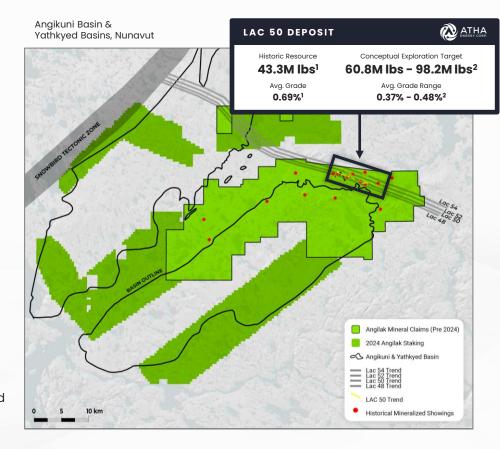
 All twelve holes drilled successfully intersected uranium mineralization outside of the historic mineralized domains

#### 2. Test parallel structures to the Lac 50 Deposit

- All thirteen holes drilled successfully intersected new lenses of uranium mineralization
- Three prospective trends, all parallel to the Lac 50 Trend were identified

#### 3. Surficial sampling, mapping and regional geophysics

 Program to delineate additional Lac 50 parallel mineralized corridors and identify prospective regional targets



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### Lac 50 Deposit

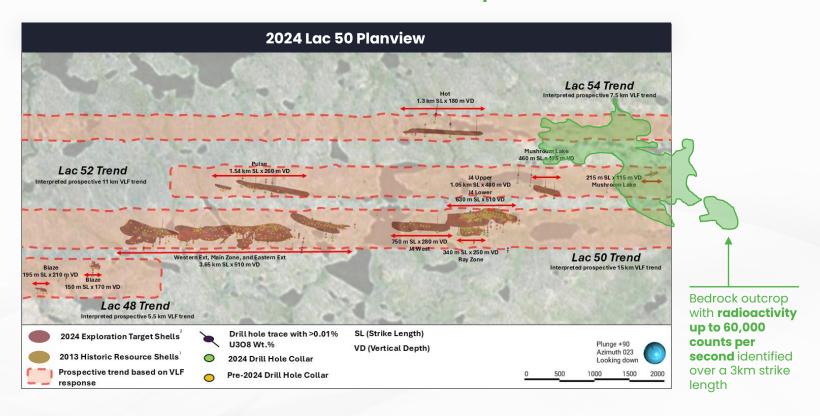
HISTORIC RESOURCE

ADVANCED TARGETS

CARRIED INTEREST

EXPLORATION PIPELINE

### The Lac 50 Deposit contains multiple parallel trends that are open to be tested in all directions and at depth



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### Lac 50 Deposit

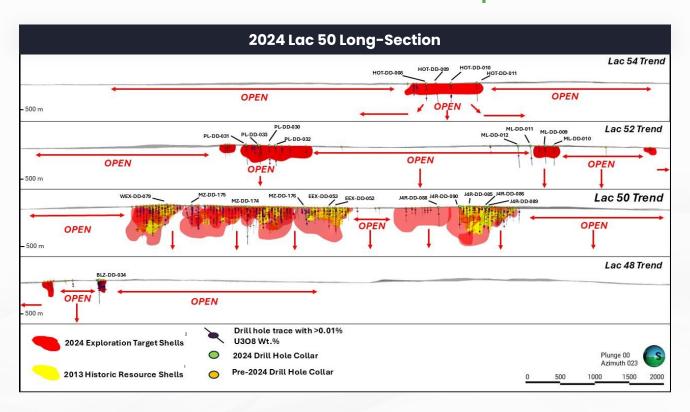
HISTORIC RESOURCE

ADVANCED TARGETS

CARRIED INTEREST

EXPLORATION PIPELINE

### The Lac 50 Deposit contains multiple parallel trends that are open to be tested in all directions and at depth



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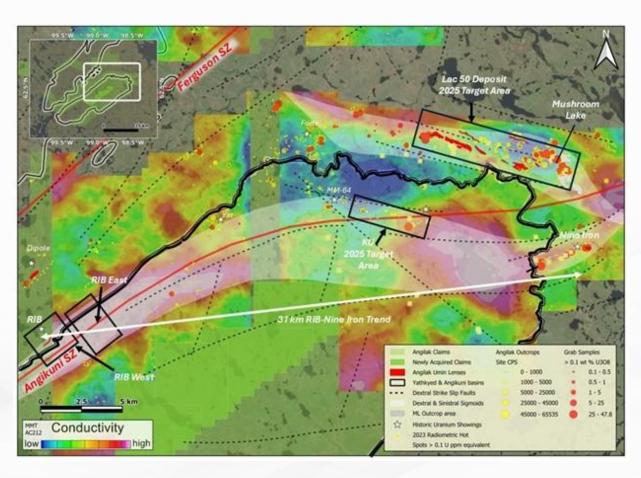
### District Scale Potential

HISTORIC RESOURCE

ADVANCED TARGETS

CARRIED INTEREST

EXPLORATION PIPELINE



### A 31km Structural Corridor with potential for multiple discoveries has been identified

- Eastern Margin historic surface samples show uranium grades up to 30.3% U308<sup>1</sup>
- Western Margin historical drilling intersected shallow mineralization with grades up to 5.6% U3O8<sup>1</sup>
- Geophysics and structural geology studies indicate that structural controls are conducive throughout the trend to host uranium

<sup>1</sup>See appendix for more information on historic drilling and surficial sampling references



### Uncovering the Angikuni District

HISTORIC RESOURCE

ADVANCED TARGETS

CARRIED INTEREST

EXPLORATION PIPELINE

ATHA is actively working to uncover the Angikuni District by advancing the 31km RIB-Nine Iron trend

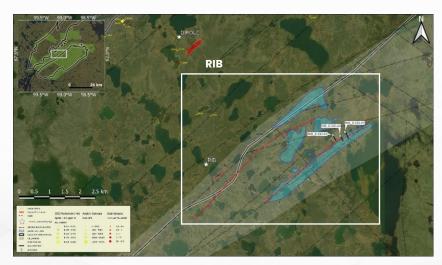
### Angikuni Work Underway

Testing Thesis That Angikuni is an Analog to the Athabasca Basin

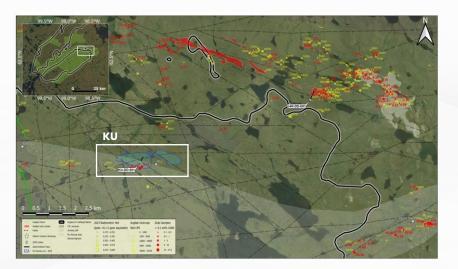
A third-party structural model showcased the Angikuni Basin as a new Athabasca Basin analogue. Completed ground gravity and EM surveys to test this thesis and target basement-hosted and unconformity-style mineralization along the RIB-Nine Iron trend.

2025 Drill Program

Mobilized a 10,000 m drill program to expand the Lac 50 mineralized envelope and test high-priority regional targets, including **KU** and **RIB East**, along the broader 31 km RIB-Nine Iron trend.



Surveys identified a 2km by 500m gravity anomaly coincident with a conductive trend at **RIB East** and two gravity anomalies – 900m by 250m and 1.1km by 300m respectively – at **RIB West**. Initial drilling has confirmed uranium mineralization across a 400m strike length



Surveys identified a large 2km long by 500m wide geophysical gravity anomaly at **KU**. Initial drilling at KU intersected uranium mineralization and a wedge of basement rocks into the sandstone confirming structural deformation in the area



### Advanced Targets Across the Basin

HISTORIC RESOURCE

ADVANCED TARGETS

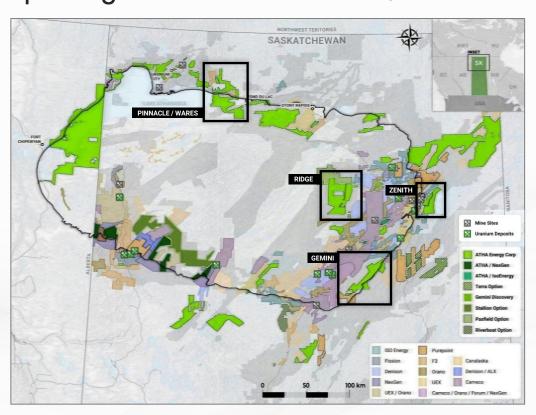
CARRIED INTEREST

**EXPLORATION PIPELINE** 

# the largest land package in the Basin

### 3.8M acres

Carefully accumulated over 10+ years by the most successful uranium staking team in Canada



### **Advanced Targets**

### Pinnacle/Wares

- +12km conductive trend coincident with a historical mineralized drillhole intersection of 0.18% U3O8 over 0.1m at a depth of 202.9m at the unconformity
- Coincident mineralized boulder grab samples up to 6400ppm U
- Shallow depths to unconformity ranging from 185 to 210m

#### Ridge

 +14km trend of coincident ANT and gravity anomalies, on strike from IsoEnergy's Hawk project

#### Zenith

- +29km of prospective structural and conductive corridors on trend from Cameco's Eagle Point and Rabbit Lake mines, and UEC's Horseshoe-Raven deposit.
- Historical drilling intersected mineralization up to 0.04% U3O8 over 0.9m at a depth of 24.4m

#### Gemini

- Multiple historic drill holes with intersections of uranium mineralization
- 2024 exploration program results pending



### Carried Interest Upside

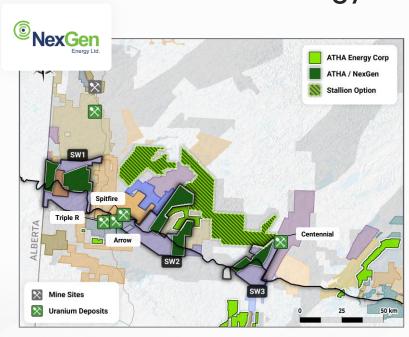
HISTORIC RESOURCE

ADVANCED TARGETS

CARRIED INTEREST

EXPLORATION PIPELINE

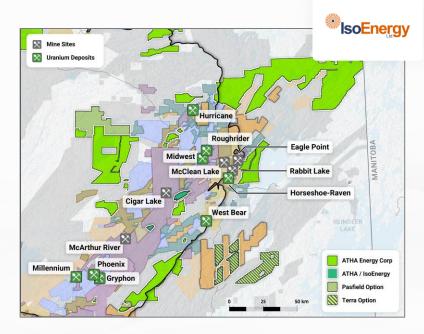
## ATHA holds upside in key land held by NexGen and IsoEnergy via 10% carried interest



10 holes containing multiple intervals of >61,000 cps were encountered at **SW2** during NexGen's 34,000m drill program in 2024

NexGen has initiated a 43,000m drill program for 2025 on **SW2** to test the extent of mineralization at the Patterson Corridor East (PCE) discovery, 3.5km east of Arrow

Geophysics is planned by NexGen at SW3 to refine drill targets



ATHA's carried interest with IsoEnergy is located amongst the Basin's most actively developed areas with significant infrastructure in place



### Nunavut and CMB Assets

HISTORIC RESOURCE

ADVANCED TARGETS

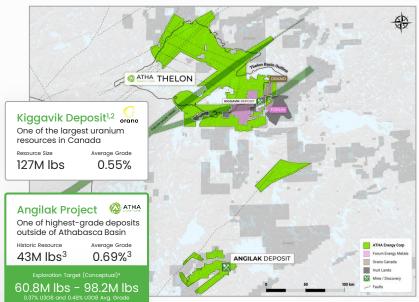
CARRIED INTEREST

**EXPLORATION PIPELINE** 

### Nunavut

Expansive northern exploration portfolio and actively developing jurisdiction

3.1M acres; 43.3M lbs U3O8 @ 0.69% U3O8 (historic resource)3

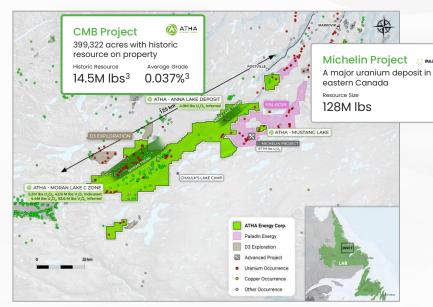


#### Nunavut, Canada

### **Central Mineral Belt**

Dominant land position with existing uranium discoveries

399,322 acres; 14.5M lbs U3O8 @ 0.037% U3O8 (historic resource)3



Newfoundland & Labrador, Canada

<sup>1</sup>Geology and uranium potential of the Thelon basin and adjacent basement in comparison with the Athabasca basin region; IAEA

World Nuclear Association

3 A Qualified Person has not done sufficient work to classify the historical estimates as current mineral resources or mineral resources or mineral reserves and ATHA is not treating the historical estimates as current mineral resources or mineral resources. See Appendix for

<sup>&</sup>lt;sup>4</sup>The stated potential quantity and grade is conceptual in nature, and there has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource; Conclusions from a third-party updated Technical Report (with an effective date November 25, 2024) establish a baseline Exploration Target Model for the Lac 50 Deposit, ranging between 60.8 M lbs U308 and 98.2 M lbs U308, with an average grade range of 0.37% U308 and 0.48% U308; a copy of which is available on the Company's SEDAR+ profile at www.sedarplus.ca; The QP provided ranges for potential uranium quantity and grade as a target for further exploration the Lac 50 Deposit using the available verified diamond drillhole data, including the 2024 drill program results. The ranges were derived from conceptual vein wireframes, drill core assays, grade interpolation, and applied uncertainty bandwidths. The exploration the historical mineral resource





### **Canadian Uranium Discovery Torque**

An asset with district-scale potential alongside a portfolio priority projects. 10% carried interest providing upside to key exploration lands of NexGen and IsoEnergy



#### **Dominant Multi-Basin Land Position**

The largest uranium exploration land package in Canada with 7M+ acres of exploration tenements across the Athabasca Basin, Thelon Basin, and Central Mineral Belt



### Growth Commitment – Exploration at Scale

ATHA executed a \$30M exploration program in 2024 over one of the most comprehensive uranium exploration portfolios in Canada



### **Dedicated Uranium Operating & Technical Team**

Combining skillsets of uranium mine operations, resource growth, and exploration at scale with capital markets strategy



### **Continuous Pipeline of Catalysts**

Leveraging diversified portfolio of exploration assets to continuously create value through organic greenfield exploration, resource exploration, carried interest upside, and farm-out potential

### A uniquely-equipped uranium exploration company designed for an unprecedented uranium cycle

ATHA delivered one of the largest uranium exploration programs in 2024 and is positioned to execute a 10,000m diamond drill program at the Angilak Project in 2025

**EXPLORE** 

**EXPAND** 

**DEVELOP** 



TSXV: SASK FRA: X5U OTCQB: SASKF

# Canada's Premier Uranium Exploration Company

**Corporate Presentation** 

August 2025

Contact

info@athaenergy.com



### Disclaimer

#### TECHNICAL INFORMATION

All of the scientific and technical information in this presentation with respect to Atha has been reviewed and approved by Cliff Revering, P.Eng. Mr. Revering has verified the sampling, analytical, and test data underlying the information or opinions contained in such report by reviewing original data certificates and monitoring all of the data collection protocols. Mr. Revering is a "qualified person" for the purposes of National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101").

For additional information regarding Atha's Wollaston Lake project please refer to the Technical Report entitled "Technical Report on the Wollaston Lake Property, Saskatchewan, Canada" with an effective date of February 20, 2024 prepared by M.D. Batty, M.Sc., P.Geo., who is a "qualified person" under NI 43-101, available under Atha's SEDAR+ profile at www.sedarplus.ca.

For additional information regarding ATHA's CMB project please refer to the Technical Report entitled "Central Mineral Belt Project, Newfoundland and Labrador, Canada" with an effective date of May 7, 2022 prepared by Dr. Stefan Kruse Ph.D., P.Geo., who is a "qualified person" under NI 43-101, available under Latitude's SEDAR+ profile at www.sedarplus.ca.

For additional information regarding ATHA's Angilak project please refer to the Technical Report entitled "NI 43-101 Technical Report for the Angilak Property, Kivalliq Region, Nunavut, Canada" with an effective date of February 5, 2024 prepared by Michael B. Dufresne, M.Sc. P. Geo., P.Geo. and Philo Schoeman, M.Sc., P.Geo., Pr.Sci.Nat., each of whom is a "qualified person" under NI 43-101, available under Latitude's SEDAR+ profile at www.sedarplus.ca.

For additional information regarding ATHA's Angilak project please refer to the Technical Report entitled "Technical Report on the Angilak Property, Nunavut, Canada" with an effective date of November 25, 2024 prepared by Matt Batty, MSc, P. Geo, who is a "qualified person" under NI 43-101, available under Latitude's SEDAR+ profile at <a href="https://www.sedarplus.ca">www.sedarplus.ca</a>.

The only projects to which the Company holds an interest are the Angilak Project in Nunavut, the CMB Project in Labrador, exploration land claims in Saskatchewan, exploration land claims in Nunavut, and a 10% carried interest in certain projects owned by NexGen Energy and IsoEnergy in Saskatchewan. All disclosure regarding any other projects has been derived from third party sources which the Company's management believes to be reliable in light of the circumstances. Readers are cautioned that the Company has no interest in any of such projects, has not independently verified any data or information with respect to such projects, and such information may be prepared and presented on the basis of different standards than that set out in NI 43-101 or standards to which the reader may be accustomed. There is no guarantee that the numbers presented on such projects will be comparable to values calculated in accordance with NI 43-101. Information contained herein with respect to any other projects is not indicative or representative of the results that may be obtained by the Company in respect of its projects. Readers are expressly cautioned not to assume any correlation between information presented herein with respect to such other projects and the Company's projects. We assume no responsibility for any information contained herein in respect of any such other projects.

#### UNITED STATES CAUTIONARY LANGUAGE

This Presentation does not constitute an offer to sell, or a solicitation of an offer to buy, securities in the United States. Any such offer to sell or solicitation of an offer to buy the securities described herein or during the Presentation will be made only pursuant to subscription documentation. Any such offering will be made in the United States in reliance upon an exemption from registration under the U.S. Securities Act of 1933, as amended (the "U.S. Securities Act"), for an offer and sale of securities will be conditioned on the receipt of representations, warranties and agreements of prospective purchasers to establish that exemption.

Any securities described in this Presentation have not been, and will not be, registered under the U.S. Securities Act and may not be offered or sold in the United States except in transactions exempt from, or not subject to, registration under the U.S. Securities Act and applicable U.S. state securities laws.

Accordingly, the securities may not be resold, pledged, hypothecated or otherwise disposed of or transferred except in accordance with the registration requirements of the U.S. Securities Act and any applicable state securities laws or pursuant to an applicable exemption from such registration requirements of the U.S. Securities Act and any applicable state securities laws.

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### Historic Resource & Exploration Target Appendix

#### HISTORICAL ESTIMATES

All mineral resources estimates presented in this Presentation are considered to be "historical estimates" as defined under NI 43-101, and have been derived from the following. In each instance, the historical estimate is reported using the categories of mineral resources and mineral reserves as defined by the CIM Definition Standards for Mineral Resources & Mineral Reserves, and mineral reserves at that time, and these "historical estimates" are not considered by any of the Company to be current. In each instance, the reliability of the historical estimate is considered reasonable, but a Qualified Person has not done sufficient work to classify the historical estimate as a current mineral resource, and the Company is not treating the historical estimate as a current mineral resource. The historical information provides an indication of the exploration potential of the properties but may not be representative of expected results.

Angilak: Reported by ValOre Metals Corporation in a Technical Report entitled "Technical Report and Resource Update For The Angilak Property, Kivalliq Region, Nunavut, Canada", prepared by APEX Geosciences, SIM Geological Inc. and BD Resource Consulting Inc., dated March 1, 2013.

As discussed in the above report, the historical estimate was prepared under the direction of Robert Sim, P.Geo, with the assistance of Dr. Bruce Davis, FAusIMM, and consists of three-dimensional block models based on geostatistical applications using commercial mine planning software. The project limits area based in the UTM coordinate system (NAD83 Zone 14) using nominal block sizes measuring 5x5x5m at Lac Cinquante and 5x3x3m (LxWxH) at J4. Grade (assay) and geological information is derived from work conducted by Kiyallia during the 2009, 2010, 2011 and 2012 field seasons. The estimate was prepared using a cut-off of 0.2% U308.

A thorough review of all historical data performed by a Qualified Person, along with additional exploration work to confirm results would be required to produce a current mineral resource estimate prepared in accordance with NI 43-101.

CMB/Moran Lake: Reported by Crosshair Exploration & Mining Corp. in a Technical Report entitled "Form 43-101F1 Technical Report on the Central Mining Belt (CMB) Uranjum Project, Labrador, Canada, Prepared for Crosshair Exploration & Mining Corp." prepared by Jeffrey A. Moran, P.Geo, and Gary H. Giroux, P.Eng., dated July 31, 2008 with an updated mineral resource estimate for the Moral Lake C-Zone along with initial mineral resources for the Armstrong and Area 1 deposits.

As discussed in the above report, the historical estimate was prepared based on a modelling of three packages in the Moran Lake Upper C-Zone (the Upper C Main, Upper C Mylonite, and Upper C West), Moran Lake Lower C-Zone, two packages in Armstrong (Armstrong Z1 and Armstrong Z3), and Trout Pond. 3. These mineral resources are based on 3D block models with ordinary kriging used to interpolate grades into 10 m x 10 m x 4 m blocks. Moran Lake Upper C-Zone has an indicated mineral resource of 6.92 million t at 0.034% U308 and 0.077% V205 or 5.19 million pounds of U308 and 11.75 million pounds of V205. A cut-off grade of 0.015% U308 was used for all zones other than the Lower C Zone which employed a cut-off grade of 0.035%. The total inferred mineral resource reported for the Moran Lake Upper and Lower C-Zones, Trout Pond, and Armstrong was 8.17 million t at 0.032% U308 and 0.088% V205 or 5.82 million pounds of U308 and 15.81 million pounds of V205.

A thorough review of all historical data performed by a Qualified Person, along with additional exploration work to confirm results would be required to produce a current mineral resource estimate prepared in accordance with NI 43-101.

CMB/Anna Lake: Reporeted by Bayswater Uranium Corporation in a Technical Report entitled "Form 43-101 Technical Report on the Anna Lake Uranium Project, Central Mining Belt, Labrador, Canada" prepared by R. Dean Fraser, P.Geo. and Gary H. Giroux, P.Eng dated September 30, 2009. As discussed in the above report, the historical estimate was prepared using a 3-dimensional geologic model of the deposit was created for the purpose of the resource estimate using the Gemcom/Surpac modeling software. A solid model was created using a minimum grade x thickness cutoff of 3 meters grading 0.03% U308. Intersections not meeting this cutoff were generally not incorporated into the model. The shell of this modeled zone was then used to constrain the mineralization for the purpose of the block model. Assay composites 2.5 meters in length that honoured the mineralized domains were used to interpolate grades into blocks using ordinary kriging. An average specific gravity of 2.93 was used to convert volumes to tonnes. The specific gravity data was acquired in-house and consisted of an average of seventeen samples collected from the mineralised section of the core. The resource was classified into Measured, Indicated or Inferred using semi-variogram ranges applied to search ellipses. All resources estimated at Anna Lake fall under the "Inferred" category due to the wide spaced drill density.

An exploration program, including the twinning of historical drill holes in order to verify the Anna Lake Project estimate would be required to produce a current mineral resource estimate prepared in accordance with NI 43-101.

#### **EXPLORATION TARGET**

- Mineral Resources Ltd. (UMR) completed a NI 43-101 technical report titled "Technical Report on the Angilak Property, Nunavut, Canada" with an effective date of November 25, 2024, authored by Matt Batty, MSc, P. Geo, who is a "qualified person" under NI 43-
- The QP provided ranges for potential uranium quantity and grade as a target for further exploration on the Lac 50 Deposit using the available verified diamond drillhole data, including the 2024 drill program results. The ranges were derived from conceptual vein wireframes, drill core assays, grade interpolation, and applied uncertainty bandwidths. The stated potential quantity and grade is conceptual in nature, and there has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource. The exploration target encompasses the deposit area previously included within the historical mineral resource.

22



### Historic Drilling & Sampling Appendix

#### HISTORICAL DRILLING AND OUTCROP SAMPLES

Certain noted technical information provided herein has been derived exclusively and without independent verification from the following reports. Such information is historical in nature and is not considered by the Company to be current. In each case, the reliability of the historical information is considered reasonable by the Company. The historical information provides an indication of the exploration potential of the properties but may not be representative of expected results. Readers should read the entirety of such noted reports to fully understand the nature of the information referenced herein. Samples, including, without limitation, outcrop samples, by their nature, are selective in nature and significant variations may be seen from sample to sample. Accordingly, sample information may not be representative of the true underlying mineralization.

#### REFERENCES FOR HISTORIC DIAMOND DRILLING RESULTS

- Papish, N.Z. 1978. 1978 Diamond Drill Report, Keewatin District N.W.T. Yathkyed Lake Area. Noranda Exploration company Assessment Report. March 6, 1979. A copy of such report is available on the website of the Government of Nunavut at https://nunavutgeoscience.ca/en/.
- Dufresne, M.B., Sim, R. and Davis B., (2013). Technical report And Resource Update for the Angilak Project, Kivalliq Region, Nunavut. Technical Report prepared on behalf of Kivalliq Energy Corporation, March 1st, 2013. A copy of such report is available on the SEDAR+ profile of Kivalliq Energy Corporation at www.sedarplus.com.
- Dufresne, M.B. and Schoeman, P. (2023). Technical report on the Angilak Project, Kivalliq Region, Nunavut. Technical Report prepared on behalf of ATHA Energy Corp. and Labrador Uranium Inc., January 31st, 2024. A copy of such report is available on the SEDAR+ profile of the Company at www.sedarplus.com.

#### REFERENCES FOR HISTORIC SURFICIAL SAMPLING

- Ward, j., Maynes, A., McNie, E., Forbes, A. and Stacey, J. 2012. Report on 2010 and 2011 Exploration Activity on Kivalliq Corporation's Angilak IOCG-Uranium Property, Keewatin District, Nunavut. Kivalliq Energy Corporation Assessment Report. A copy of such report is available on the website of the Government of Nunavut at https://nunavutgeoscience.ca/en/.
- Dufresne, M.B., Sim, R. and Davis B., (2013). Technical report And Resource Update for the Angilak Project, Kivalliq Region, Nunavut. Technical Report prepared on behalf of Kivalliq Energy Corporation, March 1st, 2013. copy of such report is available on the SEDAR+ profile of Kivalliq Energy Corporation at www.sedarplus.com
- Dufresne, M.B. and Schoeman, P. (2023). Technical report on the Angilak Project, Kivalliq Region, Nunavut. Technical Report prepared on behalf of ATHA Energy Corp. and Labrador Uranium Inc., January 31, 2024. A copy of such report is available on the SEDAR+ profile of the Company at www.sedarplus.com