



FRONTIER NUCLEAR
& MINERALS

A Nuclear Fuel Cycle Company

NASDAQ:FNUC

June 2026

Forward-Looking Statements & Disclaimer

No securities commission or securities regulatory authority or other regulatory authority has reviewed, passed upon or endorsed the accuracy or adequacy of this document. Any representation to the contrary is unlawful and is expressly disclaimed by Frontier Nuclear and Minerals Inc. (the “Company”).

The information contained in this presentation (the “Presentation”) does not purport to be all-inclusive or to contain all information that prospective investors may require. Prospective investors are encouraged to conduct their own analysis and reviews of the Company and of the information contained in this presentation. Prospective investors should consult their own professional advisors to assess their potential investment in the Company.

The remarks contained in this Presentation may contain forward-looking statements relating to the Company’s operations or to its business environment. Such statements are based on the Company’s operations, forecasts, and projections, but are not guarantees of future performance and involve risks and uncertainties that are difficult to predict or control. A number of factors could cause actual outcomes and results to differ materially from those expressed. Although any such forward-looking statements are based upon what management believes to be reasonable assumptions, the Company cannot guarantee that actual results will be consistent with these forward-looking statements. In addition, the Company disclaims any obligation to update or revise any forward-looking statements, for any reason. We also do not commit in any way to guarantee that we will continue reporting on items or issues that arise.

This Presentation has been provided to the recipient for information purposes only and no representation or warranty, express or implied, is made as to the completeness or accuracy of the information contained herein. The contents are not to be reproduced or distributed to the public or press. The information contained herein is not guaranteed as to its accuracy or completeness. Throughout this Presentation various logos and trademarks will be used. These trademarks and logos are the property of their respective owners.

This Presentation contains or references to certain market, industry and peer group data which is based upon information from independent industry publications, market research, analyst reports and surveys and other publicly available sources. Although the Company believes these sources to be generally reliable, such information is subject to interpretation and cannot be verified with complete certainty due to limits on the availability and reliability of raw data, the voluntary nature of the data gathering process and other inherent limitations and uncertainties. The Company has not independently verified any of the data from third party sources referred to in this presentation and accordingly, the accuracy and completeness of such data is not guaranteed.

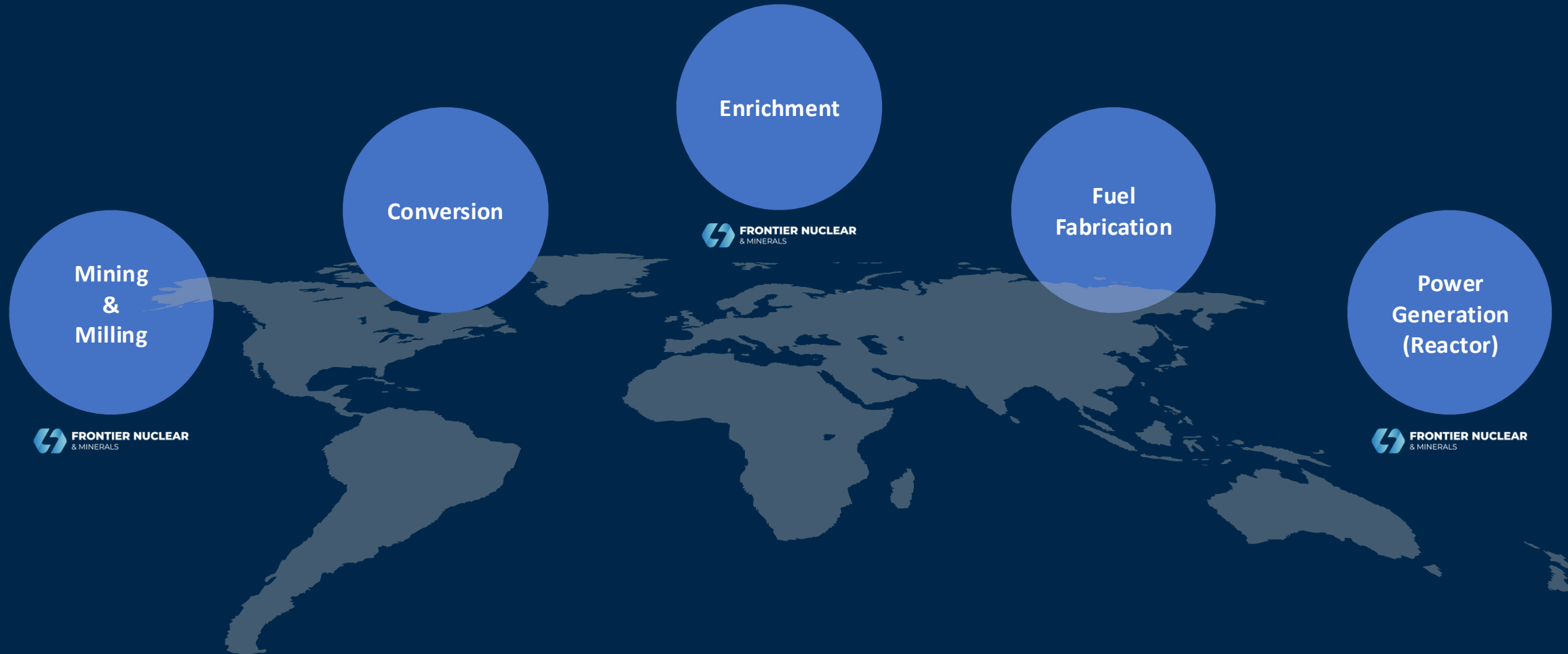
An investment in the Company's securities should be considered highly speculative. There is no guarantee that an investment in the Company will earn any positive return in the short or long term. An investment in the Company is appropriate only for investors who have the capacity to absorb a loss of some or all of their investment. There are certain risk factors associated with an investment in the Company’s securities.

In addition, there are a number of risk factors that could cause future results to differ materially from those described herein. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also adversely affect the Company’s business or any investment therein.

1

INTRODUCTION

NUCLEAR FUEL CYCLE



INTRODUCTION – CORPORATE STRATEGY

Frontier Nuclear is developing a U.S. focused front-end nuclear fuel cycle company with assets and investments in the mining, enrichment and reactor sectors of the fuel cycle

Uranium Mining and Milling

- Build a 100Mlbs U₃O₈ resource base
- Build two new U.S. uranium mines
- Tallahassee - 52.2 Mlbs U₃O₈ resource
- Pine Ridge - 25 to 50 Mlbs U₃O₈ target

Uranium Enrichment

- Ubaryon Pty Ltd. (private Australian company)
- Next generation enrichment technology
- Frontier is the largest shareholder
- Urenco is the second largest shareholder

Small Modular Reactors

- Kadmos Energy Services LLC
- Frontier is the largest shareholder
- Designing & Deploying GEN3+ SMRs
- Based on existing technology & supply chains

Other Opportunities

- Evaluating opportunities in other sectors of the nuclear fuel cycle
 - Opportunities must:
 - be commercially viable and value-accretive to Frontier
 - have a path to development within 5 years
-

INVESTMENT THESIS - “THE WORLD NEEDS MORE NUCLEAR POWER”

Nuclear Renaissance

- Global call to triple nuclear power by 2050
- Nuclear facilitates national energy security
- Nuclear is clean, reliable, baseload power

Demand for Electricity

- Global demand for electricity expanding
- Driven by global economic growth
- Additional demand from data centers and AI

Structural Uranium Supply Deficit

- Uranium supply trails reactor requirements
- Utilities face large “uncovered requirements”
- Underinvestment in uranium mining

Supply Chain & Bottlenecks

- Bottlenecks ripple through supply chain
- Conversion is a critical bottleneck
- Enrichment dependent on 4 suppliers

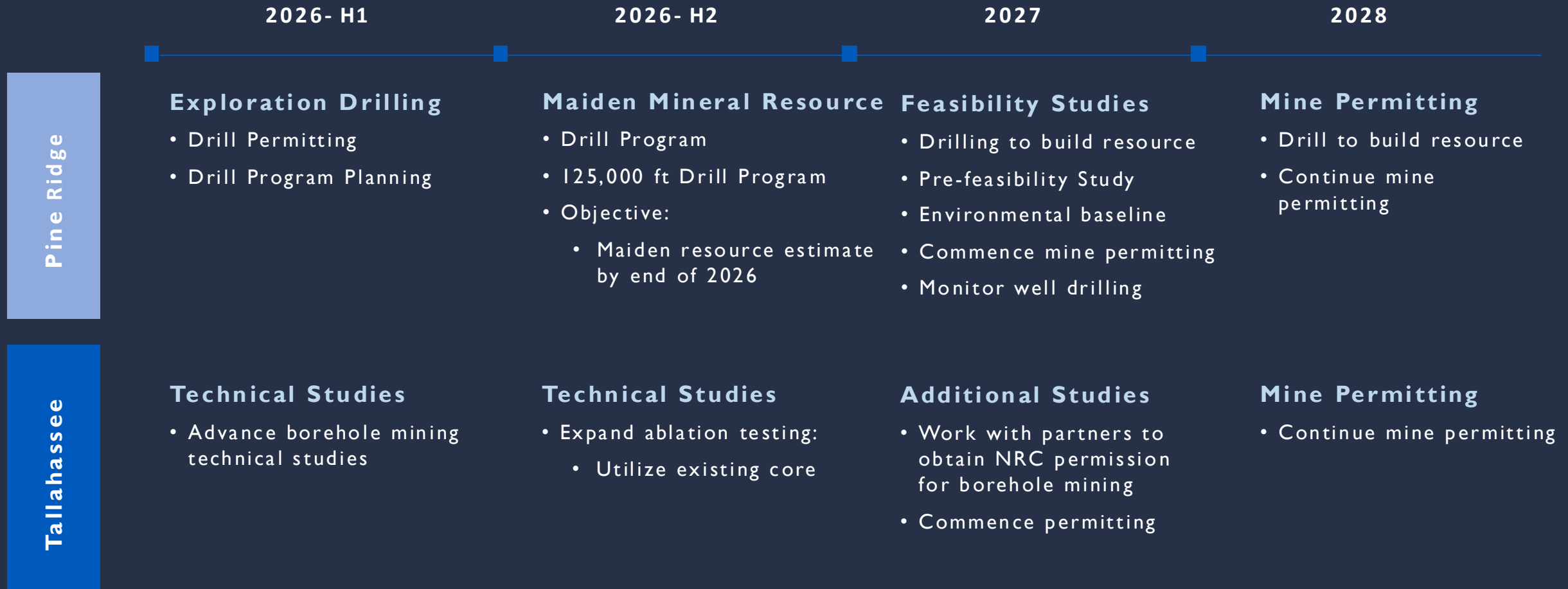
Geopolitical Security

- Geopolitical instability and trade bans
- Secure supply chains not dependent on Russia
- Global oil shocks driving pivot to nuclear power

Uranium Market Dynamics

- Uranium prices peaked at \$100/lb in 2026
- Long term contract price highest since 2008
- Funds removing physical supply from spot market

MILESTONES – 2026



2

MINING & MILLING

URANIUM MINING AND MILLING

Three Exploration and Development Stage Uranium Projects in Wyoming and Colorado

Pine Ridge | Wyoming

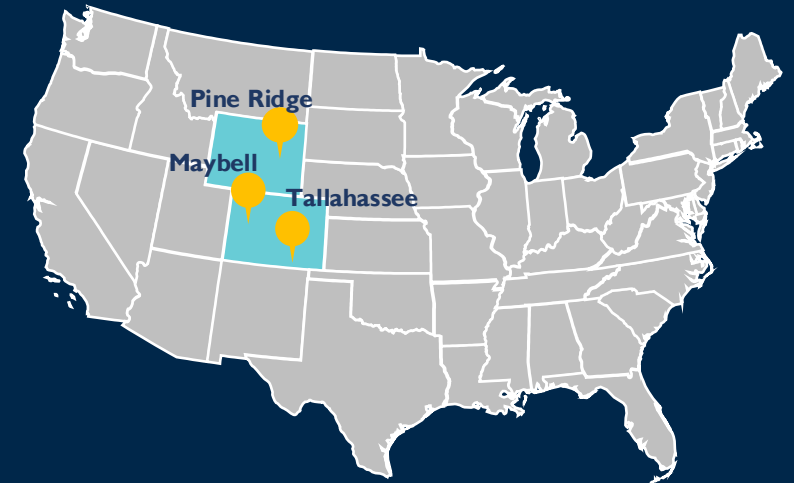
- Potential Tier-I ISR Project of significant scale in the Powder River Basin
- Expansive land holding, surrounded by global-scale uranium projects held by Cameco and UEC
- Potential for between 25 - 50 Mlbs U_3O_8 uranium resource with near-term production ability

Tallahassee | Colorado

- One of the largest undeveloped uranium projects in the U.S.
- 52.2 Mlbs U_3O_8 uranium resource and positive scoping study
- Potential to accelerate production by 1-2 years by running multiple development paths in parallel

Maybell | Colorado

- Initial 6 Mlbs U_3O_8 uranium resource
- Located in a historical uranium district, with past high-grade production
- Significant potential for further delineation and discovery of near-surface uranium resources



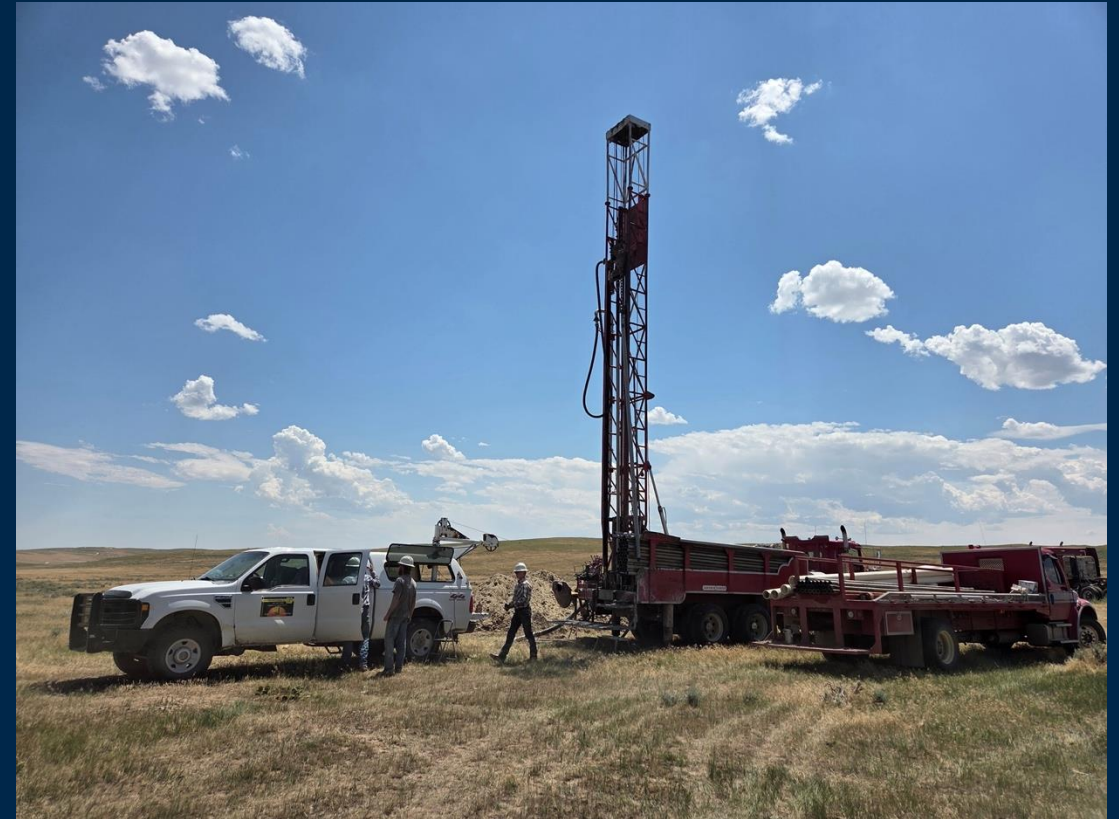
**Target – A Potential Resource Base
of 100 Mlbs U_3O_8**

**Potential for Production at
Tallahassee by 2030**

PINE RIDGE URANIUM PROJECT (Wyoming)

District Scale ISR Uranium Project in Wyoming

- Frontier Nuclear owns 100% of Pine Ridge
- Located in the Powder River Basin, Wyoming, the leading uranium producing region in the U.S.
- A potential Tier – I ISR uranium project of significant scale with potential for between a 25 to 50 Mlbs U_3O_8 resource
- Surrounded by global-scale uranium projects held by Cameco and UEC, including Cameco's Smith Ranch Uranium Mill (within ~15km)
- Expansive land position of ~37,000 acres sandwiched between UEC to the north and Cameco to the south
- An initial 125,000 ft drill program was completed in 2025
- A 125,000 ft drill program planned for 2026



Potential for a 25 to 50 Mlbs U_3O_8 Resource

TALLAHASSEE URANIUM PROJECT (Colorado)

District Scale Uranium Project in Colorado

- Frontier Nuclear owns 51% of the Hansen deposit at Tallahassee
- Tallahassee is comprised of five major deposits: Hansen, Taylor, Boyer, Noah, and Picnic Tree
- Hansen is:
 - The largest and highest-grade deposit within the Tallahassee Creek Uranium District of Central Colorado
 - One of the largest undeveloped uranium resources in the U.S.
 - Has a substantial 52.2 Mlbs U_3O_8 JORC mineral resource estimate
- Positive Scoping Study on the Hansen Deposit released in May 2025
 - Technically de-risked the project
 - 7-year LOM - producing an average of 1.8Mlbs U_3O_8 per annum
 - Total capital investment of A\$108.2M over the life of mine



52.2 Mlbs U_3O_8 Resource
Positive Scoping Study
(Hansen Deposit)

MAYBELL URANIUM PROJECT (Colorado)

Historic Mining District in Colorado



- Frontier Nuclear owns 100% of Maybell
- Located in a historical uranium district, with past high-grade production
- Maiden JORC Resource of 6.0 Mlbs U₃O₈
- Significant potential for further delineation and discovery of near-surface uranium resources

Historic Uranium Mine
6 Mlbs U₃O₈ Resource

ENGO VALLEY URANIUM PROJECT (Namibia)

District Scale Uranium Project in Namibia



Maiden Mineral Resource Estimate

Target Completion Date - Q3 2026

Project Description

- Frontier Nuclear owns 85% of Engo Valley
- Located on the Skeleton Coast, Northwest Namibia
- Expansive land position of 68,283 hectares
- Exclusive Prospecting License (EPL)¹
- Previous exploration conducted by Gencor in the 1970's

Namibia – Long, Consistent History of Uranium Mining

- 3rd largest global producer of uranium oxide
- 12% market share trails only Kazakhstan (44%) and Canada (15%)
- 120 - year mining history – uranium, zinc, graphite and gold

Exploration and Development Program (2024 - 2026)

- RadonX™ cup survey over entire 139 square kilometer EPL
- Two phases of RC and diamond drilling completed in 2025
- Maiden mineral resource estimate scheduled for Q3 2026
- Additional drilling planned to expand resource base

3

ENRICHMENT

Investment in Next Generation Uranium Enrichment Technology

- Frontier Nuclear owns 21% of Ubaryon
- Ubaryon Pty Ltd is a private Australian company developing next-generation uranium enrichment technology
- Enrichment technology is based on the chemical separation of isotopes
- Eliminates the conversion / deconversion steps in the front end of the nuclear fuel cycle
- Urenco has invested A\$5million Ubaryon for a 13% interest
- Urenco will assist Ubaryon in developing its technology



4

SMALL MODULAR REACTORS

KADMOS ENERGY SERVICES

Small Modular Reactor Start-Up

- Frontier Nuclear owns 49% of Kadmos Energy
- Kadmos Energy is headed up by Dr. Youssef Ballout:
 - Veteran reactor designer and builder with decades of experience, including the:
 - U.S. Naval Nuclear Laboratory
 - U.S. Nuclear Navy
 - Idaho National Laboratory
- Kadmos Energy will focus on small modular light water reactors
- Design will focus on safe, reliable, turnkey nuclear power plants leveraging proven fuel technology and robust, established supply chains
- For more information on Kadmos Energy see:
www.kadmosenergy.com



5

SPIN-OFF OF LITHIUM ASSETS

SPIN-OFF OF LITHIUM PROJECTS

A new Lithium Exploration Company

- Spin-out of the lithium projects into a new exploration focused exploration company
- Allows Frontier Nuclear to focus exclusively on its nuclear fuel cycle business
- Allows the new company to focus on the exploration and development of the lithium projects
- Spin-out establishes a separate, dedicated management team to unlock the value of the lithium assets
- Further details will be released once the structure, funding, board of directors and management details are finalized

Snow Lake (Manitoba)



Lithium

- Frontier Nuclear owns 100% of SL Lithium Project
- 8.2 M tonnes resource at 1% Li₂O
- Positive Preliminary Economic Assessment
- Further development on hold pending recovery in the lithium market and lithium prices

Shatford Lake (Manitoba)



Lithium, Cesium & Tantalum

- Frontier Nuclear owns 100% of Shatford Lake
- Substantial land holding of ~17,000 acres
- Borders the Tanco lithium, cesium, tantalum (LTC) mine
- Tanco holds ~85% of global cesium resources
- Tanco is owned by Sinomine of China

6

CORPORATE

MANAGEMENT

Frank Wheatley (BCom, LLB) Chief Executive Officer

- Over 35 years of mining and resource industry experience, as a senior executive and independent director with Canadian and Australian public mining companies
- Extensive domestic & international experience in developing, permitting, financing and operating gold, copper and lithium companies (Teranga Gold Corp / Talison Lithium Ltd.)
- Mergers & acquisitions and take-overs, including (C\$2.5B Teranga Gold/Endeavour Mining merger)
- Bachelor of Commerce (Finance) and Bachelor of Laws from University of British Columbia

Kyle Nazareth (CPA, CA) Chief Financial Officer

- Senior finance executive with over 10 years experience providing executive level financial services to public companies
- IFRS Compliant financial statements and MD&A
- Previously held senior finance roles for companies in diverse industries
- Bachelor of Business Administration from York University Schulich School of Business

Brian Youngs (C.Tech.) VP Exploration

- Leading mining consultant and Field Manager with more than 20 years experience specialising in new mining operations
- 10 years as a senior airborne geophysics technician with Geotech Ltd
- Board member at Gamet Gold and lead technical advisor to Temagami Gold Inc. (Progenitor Metals)
- Member of Ontario Association of Certified Engineering Technicians and Technologists

BOARD OF DIRECTORS

Nachum Labkowski

- A director since November 2018, Nachum Labkowski is currently the Chief Executive Officer and principal investor in Halevi Enterprises, a private equity firm which he founded in 2010 that holds equity in more than 30 private companies and invests in real estate worldwide
- Mr. Labkowski's unique approach to investing has provided significant returns from those companies he has invested in to date

Kathleen Skerret

- Chair of the Securities Group at Gardiner Roberts LLP, specializing in advising clients on forming, financing, maintaining and reorganizing public companies
- Has acted as a director and/or officer of numerous Canadian-listed public companies and is currently on the board of directors of the Canada's National Ballet School Foundation
- Called to the Bar in Ontario in 1996 after earning a Bachelor of Laws from the University in Toronto in 1994

Shlomo Kievman

- Extensive experience as a leader in the procurement of ideas and concepts which exemplify American innovation
- His work in public and private sectors in the USA and abroad has included business development, financial modeling, action planning, and conceptual design
- Principal of Crown Equities, an investment firm transforming the global resources sector, leading several global organizations

Brian Imrie

- Retired investment banker with +30 years of experience raising capital for companies in multiple industries
- Previously with Morgan Stanley in New York and Toronto from 1983-1997 and Credit Suisse First Boston from 1997-2001
- Previously the Chairman/owner of Debro Inc., a chemical distribution company and serves on several other public and private boards
- MBA from Harvard University in 1987

Peretz Schapiro

- Has been a global investor for more than a decade with a focus on the resources sector
- Founder and Executive Chairman of Loyal Lithium (ASX:LLI)
- Chairman of Summit Minerals (ASX:SUM)
- Previously held directorship roles at Asra Minerals Limited (ASX:ASR) and Okapi Resources (ASX:OKR)
- Holds a Masters degree in Applied Finance

Jack Wortzman

- Retired industrial and manufacturing engineer
- Holds a Bachelor of Accounting

CAPITAL STRUCTURE

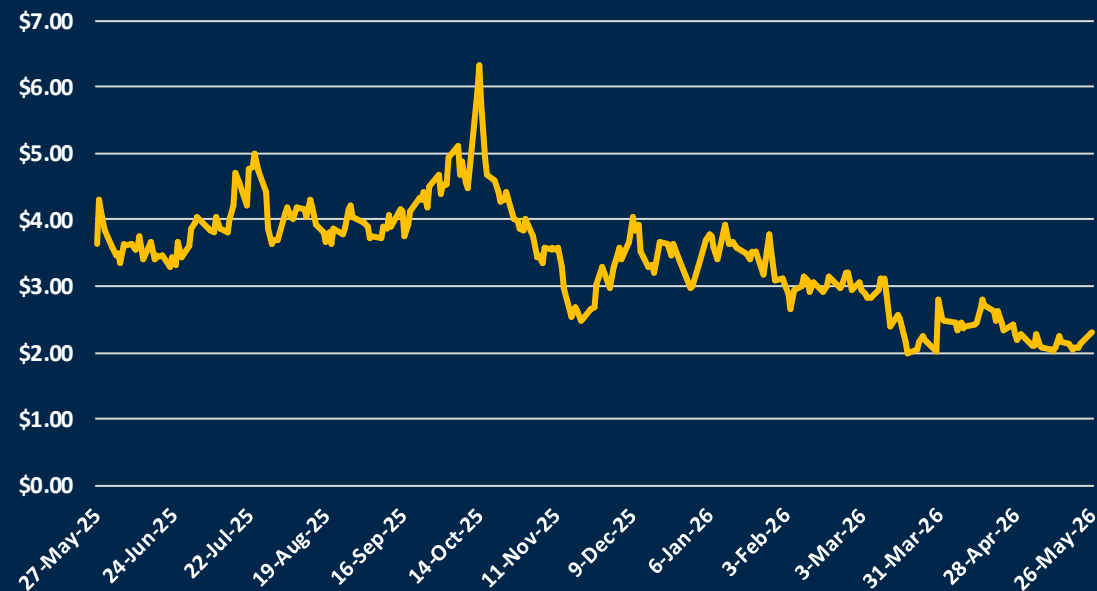
Frontier Nuclear and Minerals Inc. Nasdaq: FNUC

Share Price (May 26, 2026)	\$2.30
52-Week Range	\$1.89-\$7.43
Shares Outstanding	24,512,177
Options ¹	62,136
Warrants & RSUs ²	110,385
FD Shares Outstanding	24,684,698
Market Capitalization (Basic)	~\$61M
Cash (USD)	~\$20M

1. Weighted average exercise price of \$55.00

2. Includes 76,538 warrants outstanding with a weighted average exercise price of \$67.21 and 33,846 RSUs outstanding

Note: Canadian dollar figures have been adjusted using a US\$:C\$ exchange rate as of US\$0.68:C\$1.00



Frank Wheatley

Chief Executive Officer

fw@frontiernuclear.com

 www.frontiernuclear.com