PREMIER
American Uranium

RESHAPING AMERICA'S URANIUM LANDSCAPE

Purpose Built to Revitalize US Domestic Uranium Production

INVESTOR PRESENTATION
NOVEMBER 2025

TSXV: PUR | OTCQB: PAUIF
www.premierur.com

DISCLAIMER

Information Contained In This Presentation

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All estimates in this presentation, except for the Cebolleta Project, are "historical estimates" and are not considered current by the Company in accordance with National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101").

Market and Industry Data

This presentation includes market and industry data that has been obtained from third party sources, including industry publications. PUR 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, PUR has not independently verified any of the data from third party sources referred to in this presentation or ascertained the underlying economic assumptions relied upon by such sources. References in this presentation to reports and publications should not be construed as depicting the complete findings of the entire referenced report or publication. PUR does not make any representation as to the accuracy of such information.

Cautionary Note Regarding Forward-looking Information

This presentation contains "forward-looking information" within the meaning of applicable Canadian securities laws. Forward-looking information includes, but is not limited to, information with respect to the company's strategy, plans or future financial or operating performance, and intended exploration and advancements at the company's properties; expectations with respect to defining mineral resources or mineral reserves on any of the projects; expectations with respect to any permitting, development or other work that may be required to bring any of the projects into production and any expectation that any of the projects can be brought back into production rapidly or expeditiously; the anticipated management team and board of directors of PUR; expectations regarding the U.S. uranium industry; expectations as to future exploration potential for any of the projects; any expectation as to the outcome or success of any proposed programs for any of the projects; any expectation that market conditions will warrant future production from any of the projects and other activities, events or developments that the company expects or anticipates will or may occur in the future. Generally, but not always, forward looking information and statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or the negative connotation thereof or variations of such words and phrases or statement that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved" or the negative connotation thereof.

DISCLAIMER

Cautionary Note Regarding Forward-looking Information (continued)

Forward-looking information is based on PUR's current expectations, beliefs, assumptions, estimates and forecasts about the company's business and the industry and markets in which it operates. Such forward information and statements are based on numerous assumptions, including among others, the availability of financing; the accuracy of previous exploration records and results; that the results of planned exploration activities are as anticipated; the cost of planned exploration activities; that third party contractors, equipment and supplies and governmental and other approvals required to conduct the company's planned exploration and development activities will be available on reasonable terms and in a timely manner; and that general business and economic conditions will not change in a material adverse manner. Although the assumptions made by the company in providing forward looking information or making forward-looking statements are considered reasonable by management at the time, there can be no assurance that such assumptions will prove to be accurate.

Forward-looking information and statements also involve known and unknown risks and uncertainties and other factors, which may cause actual results, performances and achievements of PUR to differ materially from any projections of results, performances and achievements of PUR expressed or implied by such forward-looking information or statements. These factors include the costs associated with bringing any of the projects back into production; no known mineral reserves or resources; risks that historical mineral estimates can be updated and be verified to be current mineral resources or mineral reserves; permitting and regulatory delays; litigation risks; competition from others; market factors, including future demand for and prices realized from the sale of uranium and vanadium; government actions that could restrict or eliminate the ability to mine on public lands, such as through the creation or expansion of national monuments or through mineral withdrawals; the policies and actions of foreign governments, which could impact the competitive supply of and global markets for uranium and vanadium; the company's expectations in connection with the production and exploration, development and expansion plans at the projects discussed herein being met; changes in national and local government legislation, taxation, controls or regulations and/or changes in the administration or laws, policies and practices; the impact of general business and economic conditions; fluctuating metal prices; currency exchange rates; the impact of inflation; general risks of the mining industry; failure of plant, equipment or processes to operate as anticipated; unanticipated results of future studies; seasonality and unanticipated weather changes; success of exploration activities, permitting timelines, government regulation; environmental risks; unanticipated reclamation expenses; title disputes or claims.

Although the company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking information and statements will prove to be accurate, as actual results and future events could differ materially from those anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. The company undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws.

The footnotes and appendices to this presentation contain important information.

Technical Disclosure and Qualified Person

Dean T. Wilton: PG, CPG, MAIG, a consultant of CUR who is a "Qualified Person", as defined in NI 43-101.

The data disclosed in this presentation, except for Cebolleta, is related to historical drilling results. PUR has not undertaken any independent investigation of the sampling, nor has it independently analyzed the results of the historical exploration work in order to verify the results. PUR considers these historical drill results relevant as the Company is using this data as a guide to plan exploration programs. The Company's current and future exploration work includes verification of the historical data through drilling.

For additional information regarding PUR's Cebolleta project please refer to the Technical Report entitled "Cebolleta Uranium Project Cibola County, New Mexico, USA – effective date April 30, 2024, prepared by SLR International Corporation., available under PUR's profile on www.sedarplus.ca. The "qualified person" for this technical report is Mark B. Mathisen, C.P.G., Principal Geologist, SLR Consulting International Corp. Mr. Mathisen is a "qualified person" under NI 43-101.

BUILT FOR GROWTH

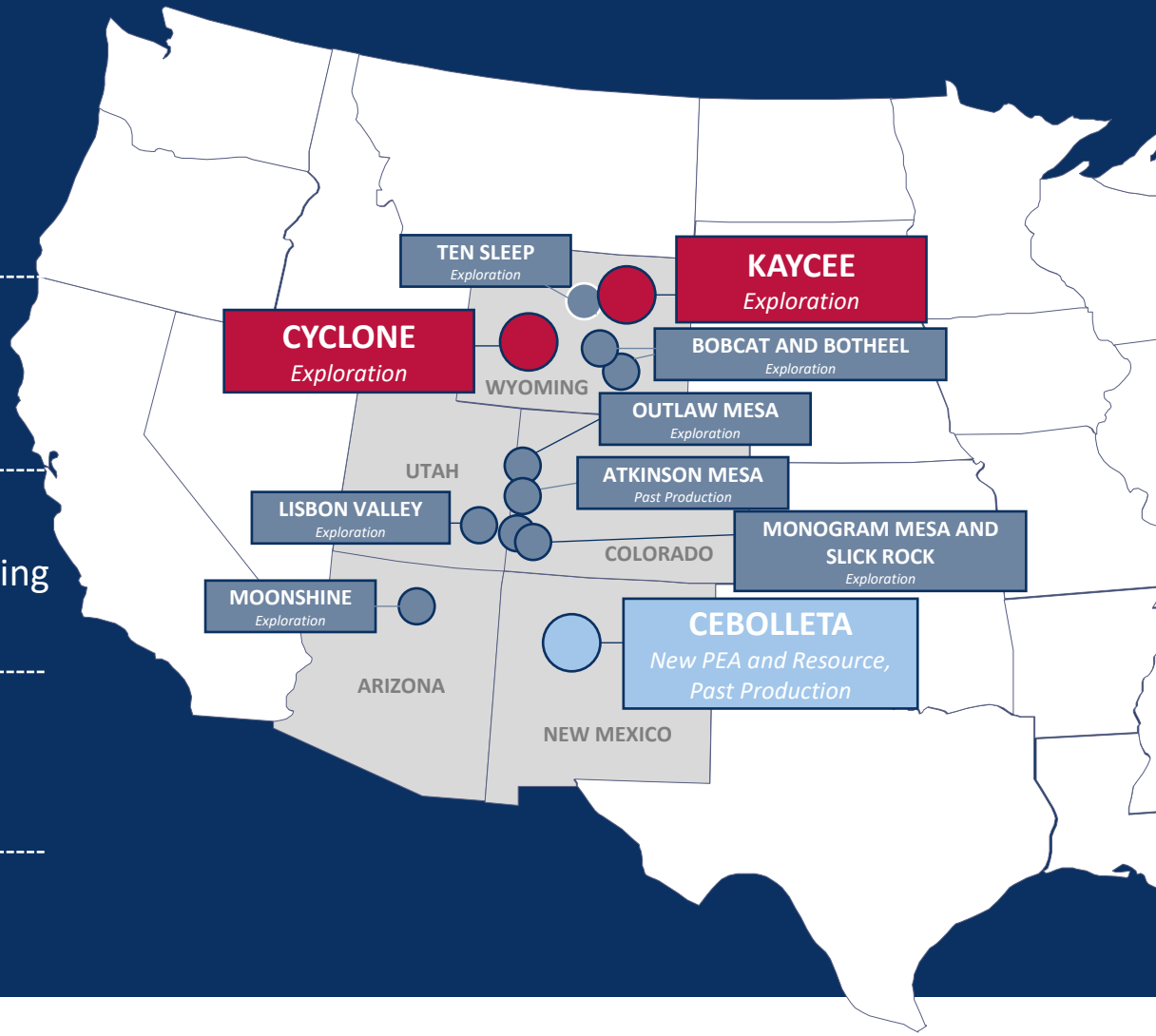
Expanding and enhancing one of the strongest exploration and development portfolios in the US

ACQUIRE
Two transformational acquisitions since 2023 IPO with ongoing focus on accretive US M&A

EXPLORE
Among the largest active drill programs in the US, focused on defining resources and unlocking new discoveries

DEVELOP
Driving near-term development while leveraging past-producing assets to expand portfolio value

BACKED
Supported by industry-leading shareholders and strategic partners



COMPANY SNAPSHOT

CAPITAL STRUCTURE

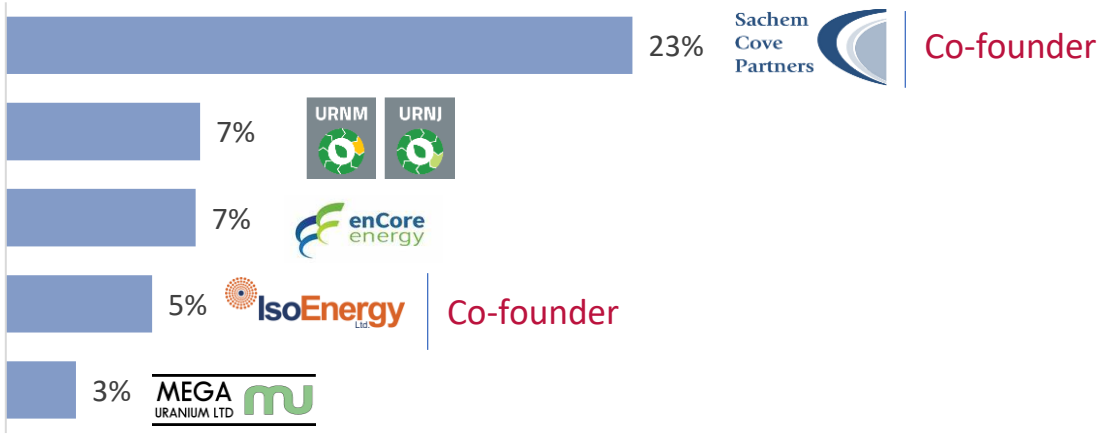
Share Price (Oct 31, 2025)	$0.85
Basic Shares Outstanding	78.3M
Options, Warrants and RSUs	22.7M
FD Shares Outstanding	101.0M
Market Capitalization (Basic)	$66.5M
Cash[1]	$11.9M
Enterprise Value	$54.6M

1. PUR as at June 30, 2025 Financial Statements at C$1.1M (US$804,280 converted at C$1.37) and NF as at March 31, 2025 at $10.8M. Pro Forma excludes transaction costs.

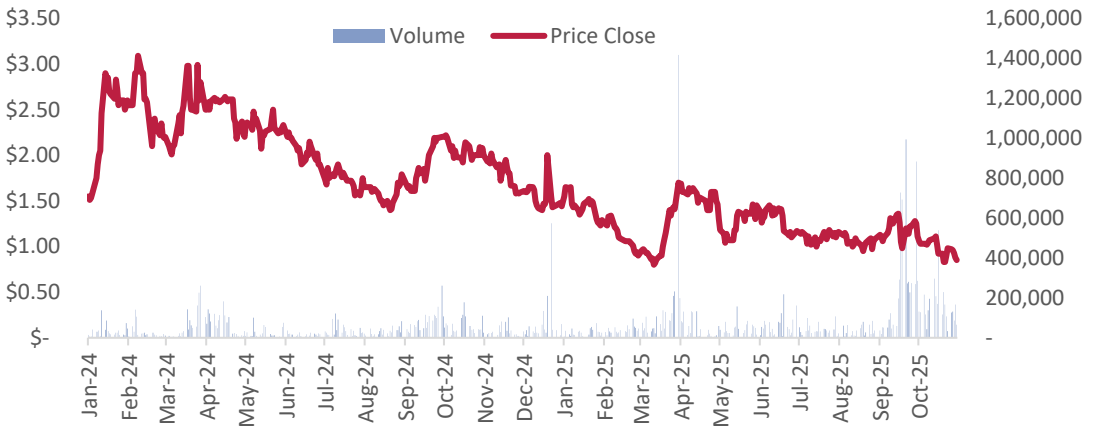
ANALYST COVERAGE

Firm	Analyst	Rating	Target
Beacon Securities	Michael Curran	SPEC BUY	$2.95
Hold Co Markets	-	BUY	$2.10
Red Cloud Securities	Dave Talbot	BUY	$2.10

TOP FIVE SHAREHOLDERS

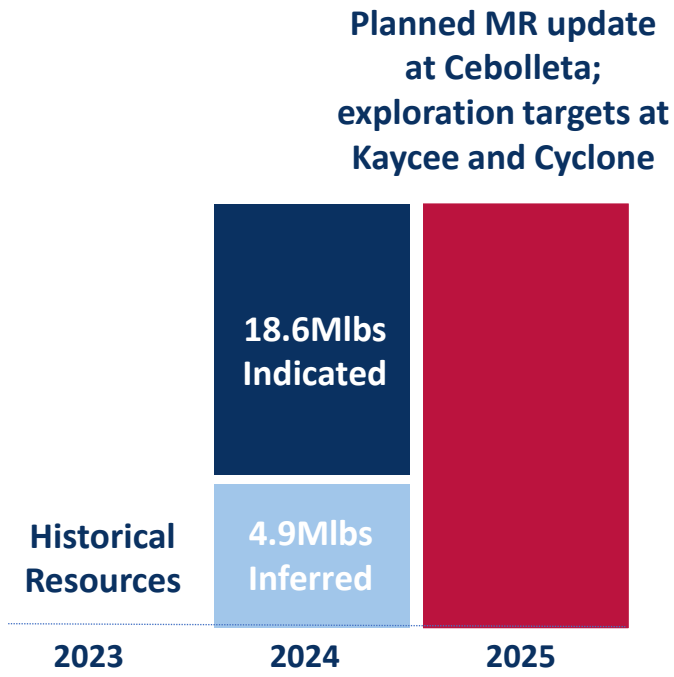


SHARE PRICE PERFORMANCE

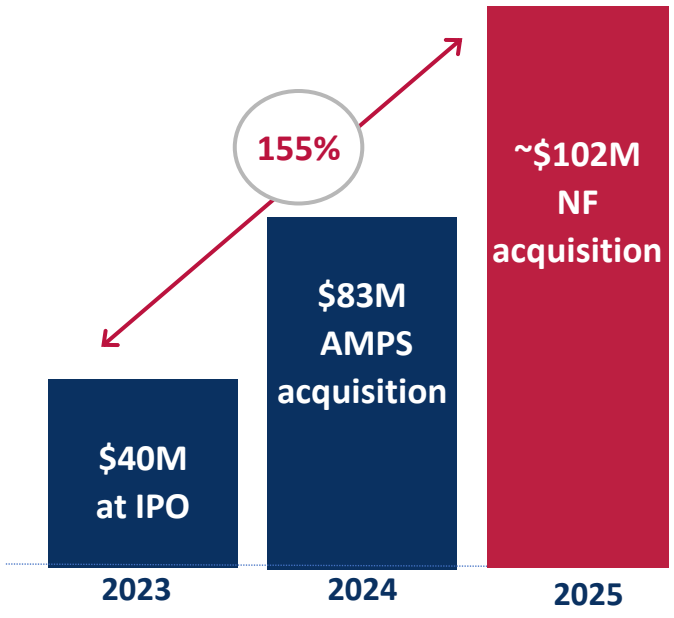


TRACK RECORD OF VALUE CREATION THROUGH M&A

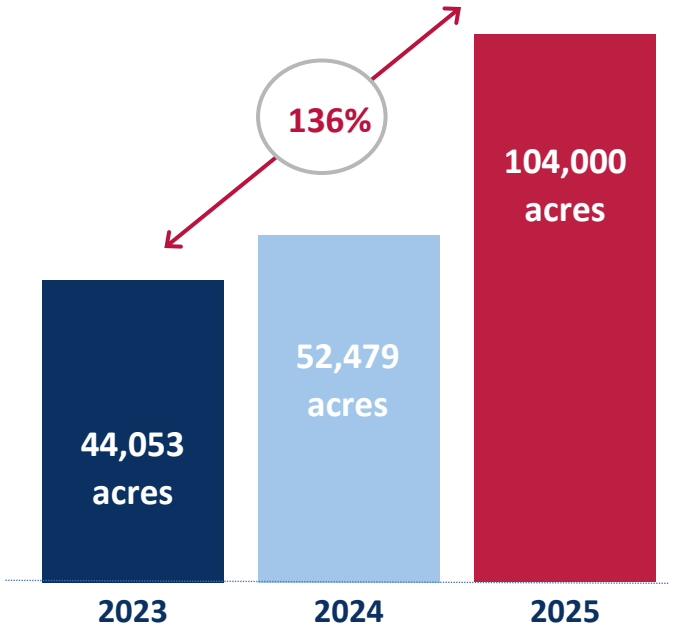
Scaling through consolidation: IPO and two transformational acquisitions since 2023[3]



Mineral Resources[1]



Value Creation[2]

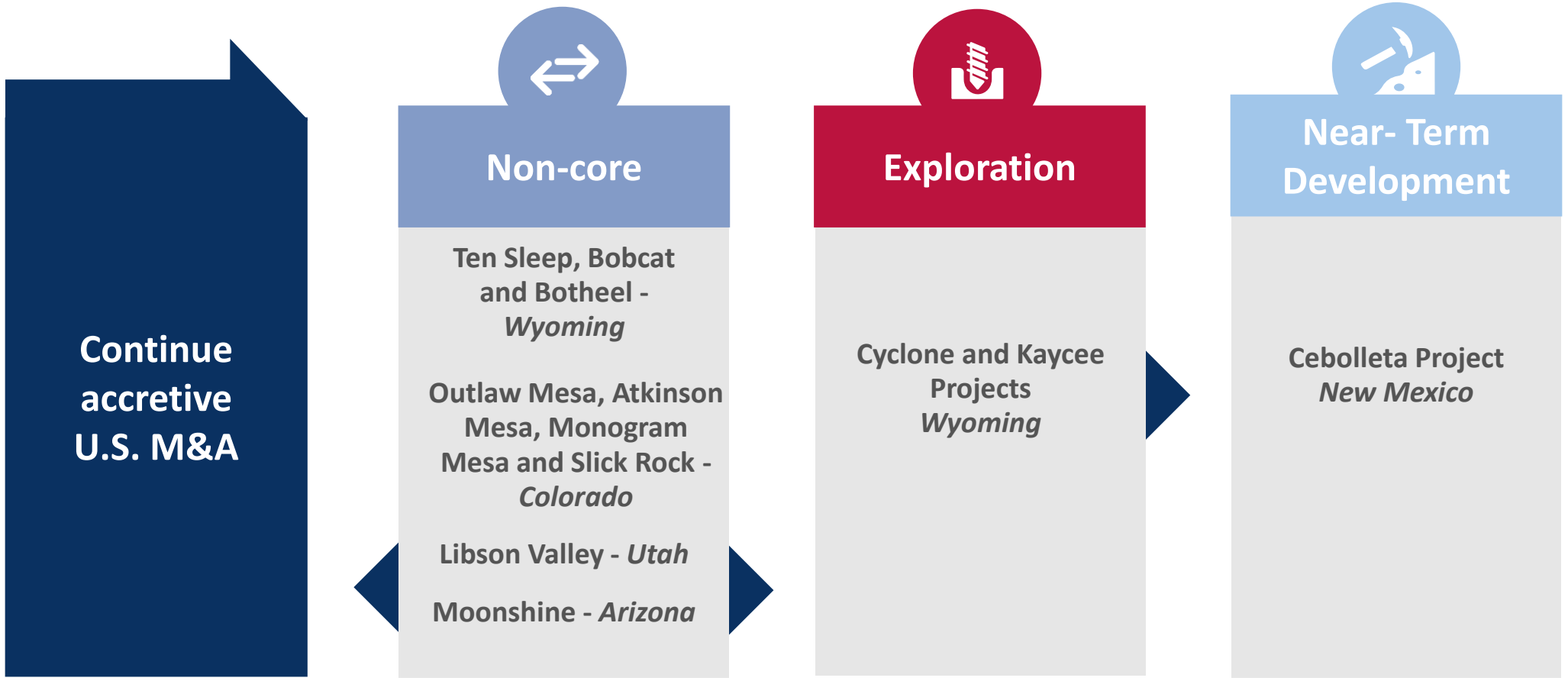


Land Position

1. See NI 43-101 Technical Report on the Cebolleta Uranium Project Cibola County, New Mexico, USA – effective date April 30, 2024, prepared by SLR International Corporation.
2. Based on market capitalization at the time of the announced event.
3. See "Cautionary Note Regarding Forward-Looking Information".

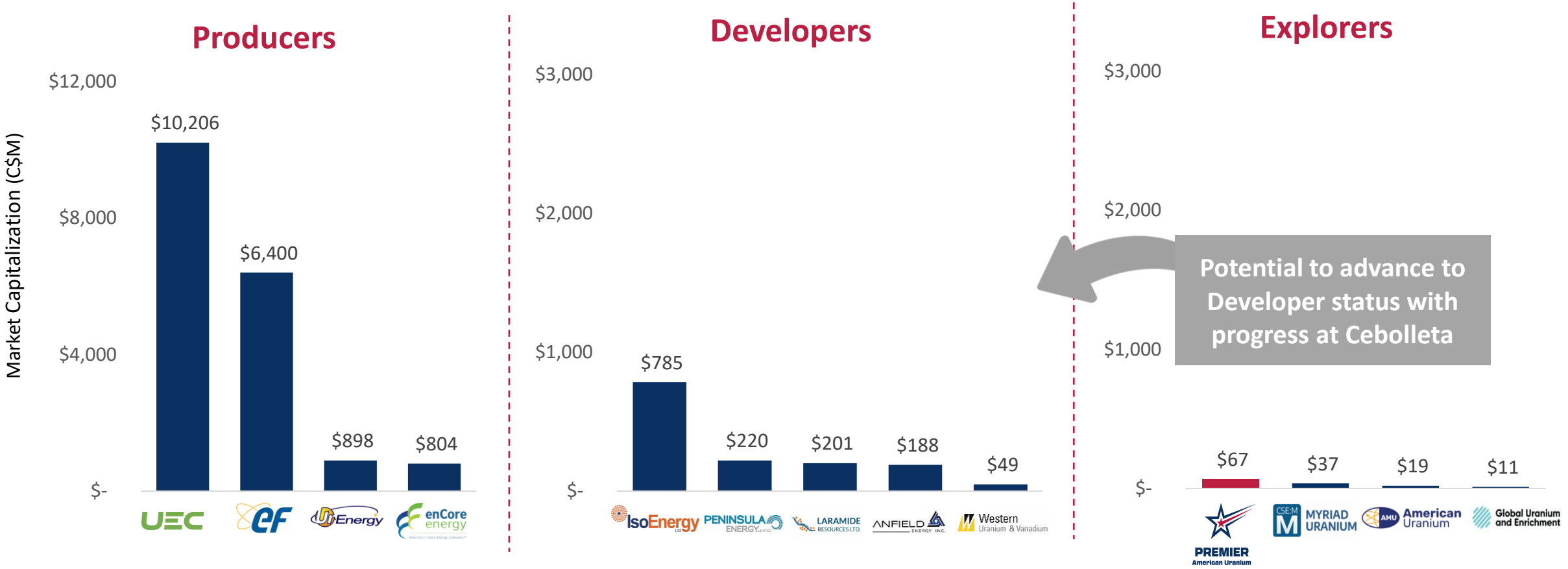
DISCIPLINED, OPPORTUNISTIC CAPITAL ALLOCATION DRIVING GROWTH

Strategically moving projects across the portfolio to maximize value



COMPETITIVE LANDSCAPE OF U.S. URANIUM EQUITIES

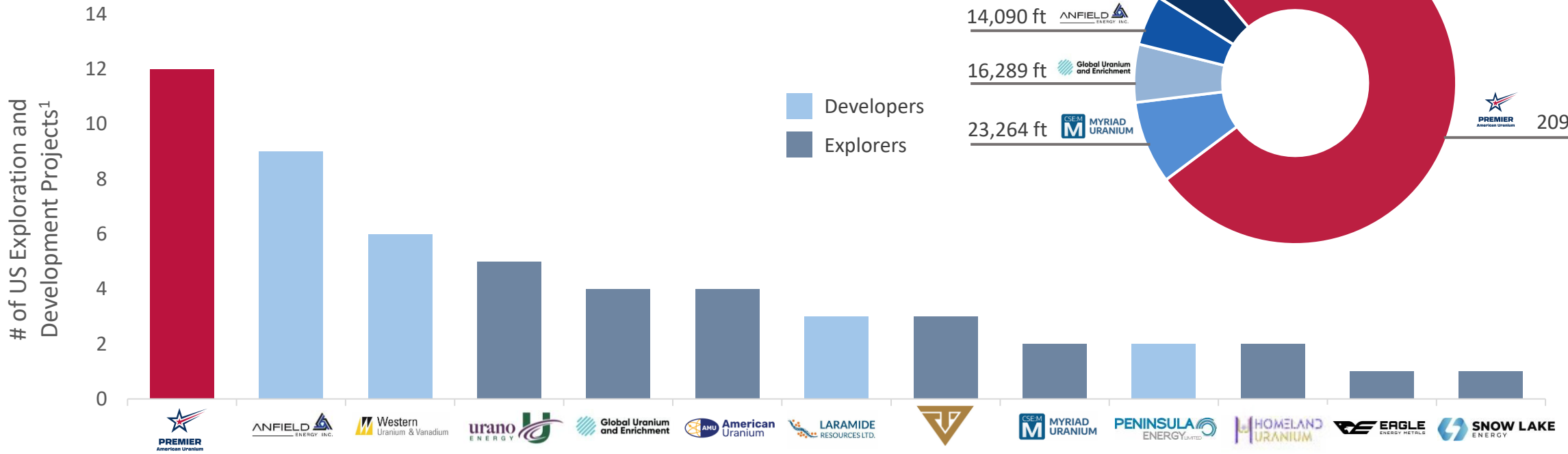
PUR leads among explorers with a clear path to development-stage advancement

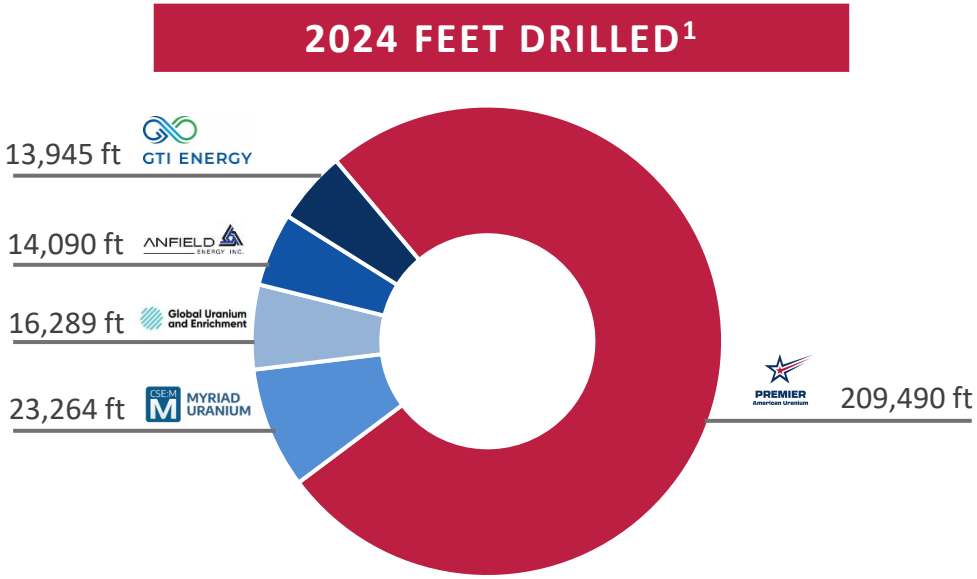


1. Based on market capitalization as of October 31, 2025. UEC $10.12 converted at $1.403 CAD.
2. See “Cautionary Note Regarding Forward-Looking Information”.

THE MOST ACTIVE URANIUM EXPLORER IN THE U.S.

PUR holds the largest U.S. uranium project portfolio with 12 assets, leading with the most feet drilled in 2024 and an additional 120,000 ft underway at its Kaycee and Cyclone Projects in Wyoming for 2025.[2]





1. Based on public disclosure.
2. See "Cautionary Note Regarding Forward-Looking Information"
3. Drilling amongst US explorers and developers, excluding producers and near-term producers

URANIUM: RESURGENCE IN THE U.S.

Unprecedented support for nuclear, driven by energy security and transition to clean energy

Recent historic series of actions sending a clear message that the U.S. is committed to long-term growth in its nuclear sector

Big Tech is Leading the Acceleration in Clean Energy Demand

Google signed a deal to buy power from SMRs based on the Kairos Power design targeting first power by 2030

Oracle is designing an AI data centre planned to be powered by three Small Modular Reactors

AWS purchased a data centre site from Talen Energy to be 100% powered by adjacent nuclear plant.

RFP seeking delivery of 1-4 GW of nuclear energy in the US by early 2030s. Signed 20-year PPA with Constellation for 1.1GW of nuclear power from Illinois plant.

Microsoft signed a 20-year power purchase agreement with Constellation Energy to restart Unit 2 at Three Mile Island targeting 2028

2040 — Prohibiting Russian Uranium Imports Act signed into law banning low enriched uranium to the end of 2040

$4.2B — U.S., Canada, France, Japan & U.K. to invest $4.2 billion to secure a reliable global nuclear energy supply chain

COP29 — 31 Countries have now signed a Commitment to Triple Nuclear Power Output by 2050, led by the U.S.

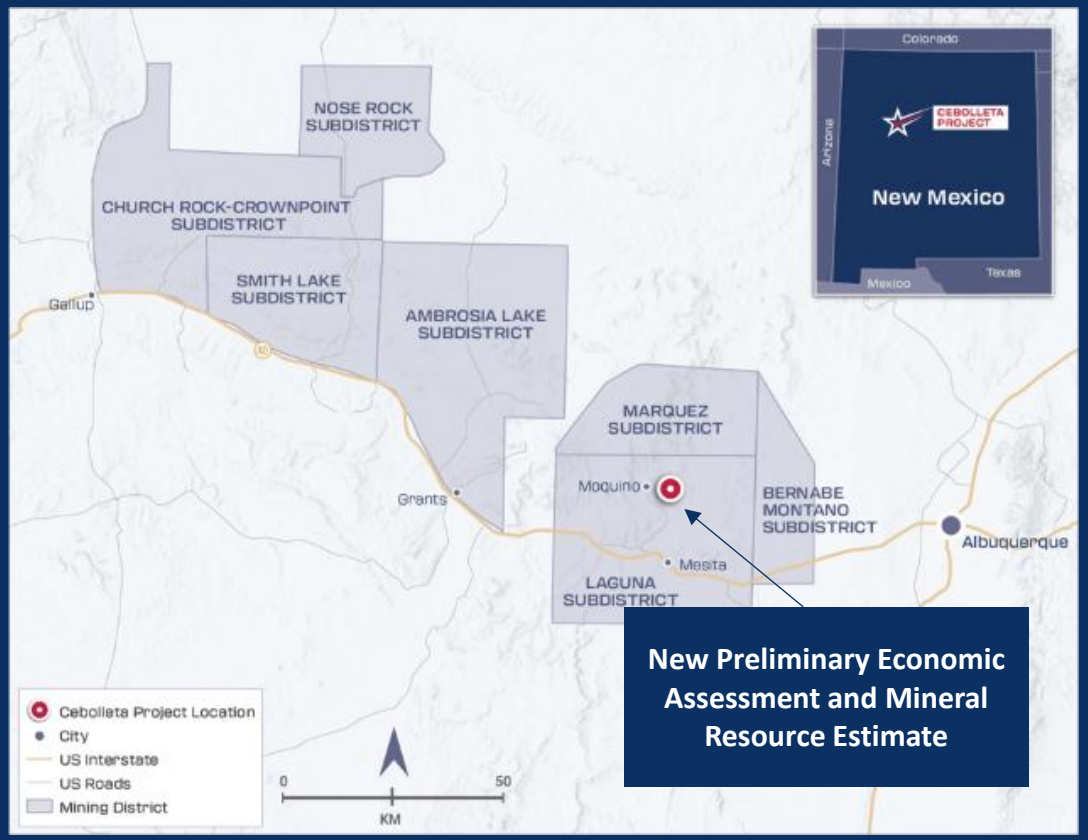
$2.7B — Federal funding appropriated at the President's request to jumpstart new enrichment capacity the U.S.

See slide 32 for sources.

ACTIVE WORK PROGRAMS IN TOP U.S. URANIUM DISTRICTS

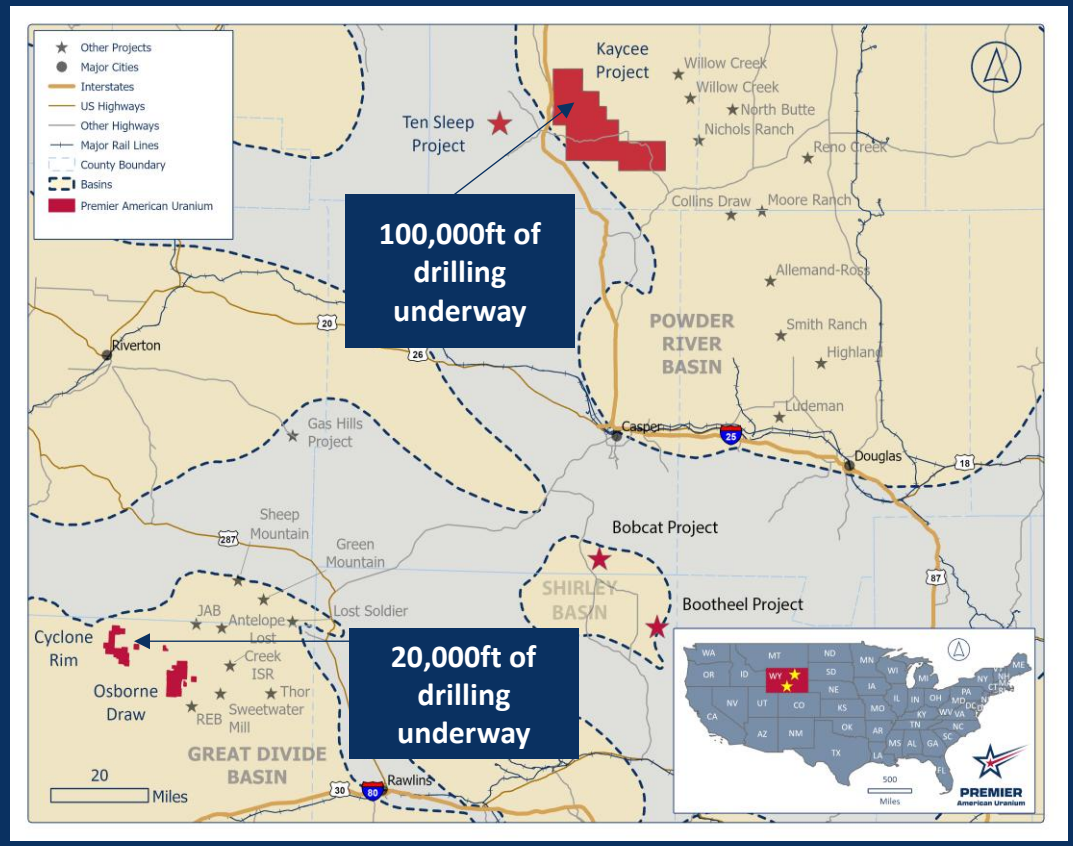
NEW MEXICO - GRANTS MINERAL BELT

+347M lbs U_3O_8 produced (37% of all U.S. historical production)[1] 4th largest uranium district in the world



WYOMING - POWDER RIVER AND GREAT DIVIDE BASINS

+230M lbs of U_3O_8 produced in Wyoming since first discovery[2]
One of the least exploited basins in Wyoming



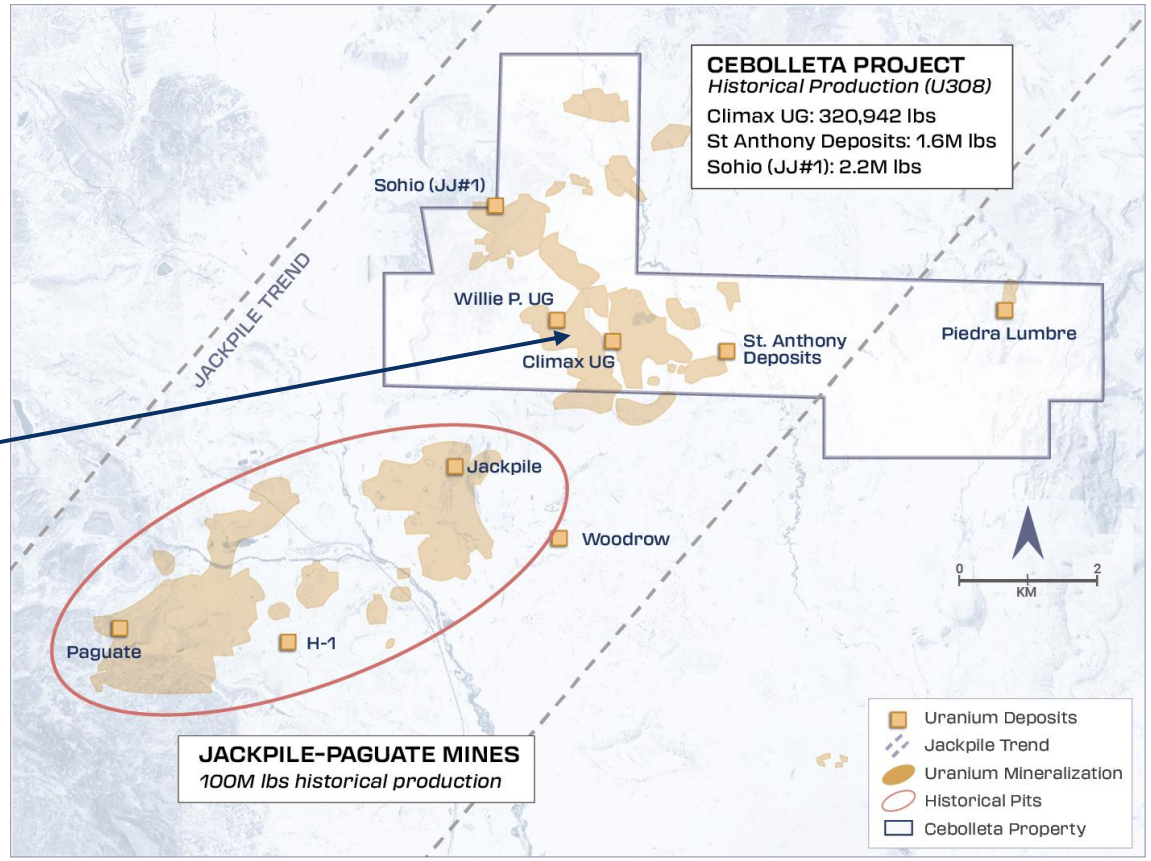
1. Uranium resources in the Grants uranium district, New Mexico: An update Virginia T. McLemore, Brad Hill, Niranjan Khalsa, and Susan A. Lucas Kamat 2013
2. Wyoming State Geological Survey; Critical Minerals in Wyoming; https;//www.wsgs.wyo.gov/minerals/critical-minerals.aspx

CEBOLLETA PROJECT, NEW MEXICO

Shallow deposits with current mineral resources

- 100% lease-hold interest in 6,717 acres of mineral rights and 5,700 acres of surface rights, year-round access through paved roads to U.S. Interstate
- Located on the eastern edge of the Grants Mineral Belt
- Site of several formerly operated open pit and underground mines (1950s through 1980s) with historical production of 3.8M lbs U_3O_8
- New MRE incorporates over 3,300 validated drill holes totaling greater than 1.7mft of drilling increasing Indicated by 9% and Inferred by 45% since the 2024 Technical Report

Classification	Grade Cut-off (% eU_3O_8)	Tonnage (Mst)	Grade (% eU_3O_8)	Contained Metal (Mlb eU_3O_8)
Indicated				
Underground	0.00	5.89	0.15	18.14
Open Pit	0.02	3.81	0.07	5.61
Subtotal Indicated		9.70	0.12	23.75
Depletion		-1.40	0.12	-3.44
Total Indicated less Depletion		**8.30**	**0.12**	**20.31**
Inferred				
Underground	0.00	1.79	0.12	4.42
Open Pit	0.02	1.81	0.07	2.62
Total Inferred		**3.60**	**0.10**	**7.04**



Notes:

1. CIM (2014) definitions were followed for Mineral Resources.
2. Mineral Resources are estimated using a long-term uranium price of US$90/lb U_3O_8.
3. Underground Mineral Resources are reported at a cut-off grade of 0.0% eU_3O_8 within underground reporting panels designed at a cut-off grade of 0.06% eU_3O_8. Reporting panels have a maximum design height of 100 ft, length, minimum design height of 6 ft, and width of 50 ft.
4. Open Pit Mineral Resources are reported at a cut-off grade of 0.02% eU_3O_8 and constrained by a preliminary optimized pit shell with a pit slope angle of 50° and bench height of 20 ft.
5. The optimized pit shell, underground reporting shapes, and cut-off grades were generated by assuming metallurgical recovery of 80%, standard treatment and refining charges, mining costs of $3.31/st moved for open pit and $54/st marginal mining cost for underground, processing costs of $16.72/st processed, and general and administrative costs of $6.50/st processed.
6. Mineral Resources have been depleted based on past reported production numbers from the underground JJ#1, Climax M-6 and Willie P underground mines.
7. A minimum mining width of two feet was used for construction the wireframes.
8. Tonnage Factor is 16 ft^3/st (Density is 0.625 st/ft^3 or 2.00 t/m^3).
9. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

CEBOLLETA PROJECT, NEW MEXICO

PEA highlights the potential for a large-scale, long-life, low-capex uranium project[1]

- Base case PEA shows avg production of 1.4 Mlb U_3O_8 annually (peak of 2.0 Mlb) for a total of 18.1 Mlb over its 13-year mine life
- Relatively low operating costs are underpinned by very competitive heap leach processing costs of US$16.72 per short ton
- Strong leverage to uranium prices, with higher prices expected to potentially further enhance project economics and cash flow generation

Variance	Metal Prices (US$/lb U_3O_8)	NPV at 8% (US$000)
78%	$70	($57,384)
89%	$80	$14,410
100%	**$90**	**$83,857**
111%	$100	$153,718
122%	$110	$222,911
139%	**$125**	**$325,391**
167%	$150	$487,514

- Upside potential with improved metallurgical recoveries

Variance	Recovery (%)	NPV at 8% (US$000)
95%	64%	($41,713)
98%	72%	$21,288
100%	**80%**	**$83,857**
103%	82%	$99,590
112%	**90%**	**$159,261**

Description	US$ million
Realized Market Prices - U_3O_8 ($/lb)	$90
Payable Metal - U_3O_8 (klb)	18,101
Total Gross Revenue	$1,629
Mining Cost	$(705)
Mill Feed Transport Cost	$(1)
Process Cost	$(175)
G & A Cost	$(76)
Royalties	$(98)
Severance Tax	$(29)
Total Operating Costs	$(1,085)
Operating Margin (EBITDA)	$545
Operating Margin %	33%
Corporate Income Tax	$(48)
Working Capital*	$0
Operating Cash Flow	$496
Development Capital	$(113)
Sustaining Capital	$(81)
Closure/Reclamation	$(16)
Total Capital	$(209)
Pre-tax Free Cash Flow	$335.4
Pre-tax NPV @ 5%	$166.8
Pre-tax NPV @ 8%	$106.3
Pre-tax NPV @ 12%	$53.3
Pre-tax IRR	19.8%
Pre-tax Undiscounted Payback (Years)[2]	4.3
After-tax Free Cash Flow	$286.9
After-tax NPV @ 5%	$137.3
After-tax NPV @ 8%	$83.9
After-tax NPV @ 12%	$37.3
After-tax IRR	17.7%
After-tax Undiscounted Payback (Years)[2]	4.9

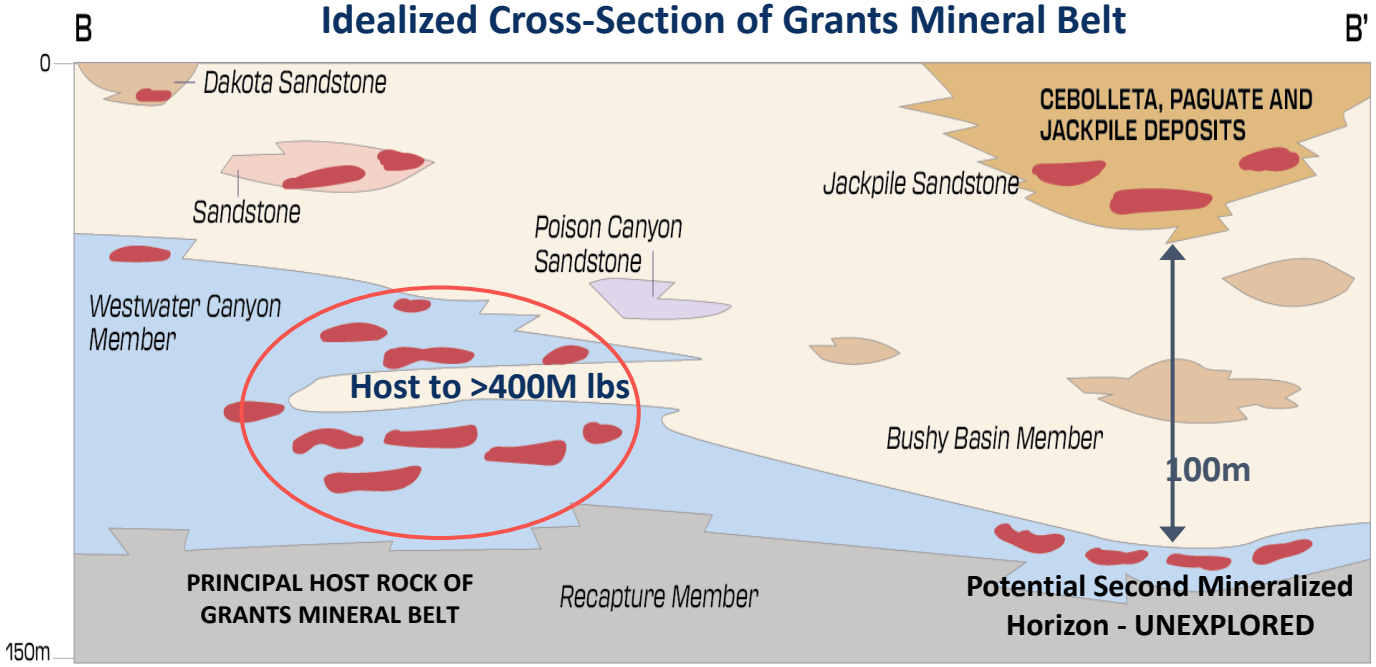
1. See NI 43-101 PEA and MRE Technical Report on the Cebolleta Uranium Project Cibola County, New Mexico, USA – effective date May 15, 2025, prepared by SLR International Corporation 2. From the start of commercial production

CEBOLLETA PROJECT, NEW MEXICO

High potential for resource expansion through exploration

- **Strong potential to increase resources[1]:**
  - **Mineralization open on trend -** Mineralized horizons of the Jackpile sandstone remain open-ended and trend beyond the limits of the existing drilling grid, providing excellent targets
  - **Untested areas -** known mineralized zones but not yet comprehensively drilled
- **Westwater Canyon Member principal host rock in the Grants Mineral Belt hosts over 400M lbs[2], and is largely unexplored at Cebolleta:**
  - Exploration drilling by United Nuclear approximately 3 miles (4.8 km) east of the Cebolleta and St. Anthony area mines at the Piedra Lumbra area encountered Westwater Canyon-hosted uranium mineralization that has not been fully tested
  - Indicates large-scale exploration upside beneath known mineralization at Cebolleta

Idealized Cross-Section of Grants Mineral Belt



1. See NI 43-101 PEA and MRE Technical Report on the Cebolleta Uranium Project Cibola County, New Mexico, USA – effective date May 15, 2025, prepared by SLR International Corporation
2. Uranium resources in the Grants uranium district, New Mexico: An update Virginia T. McLemore, Brad Hill, Niranjan Khalsa, and Susan A. Lucas Kamat 2013
3. See "Cautionary Note Regarding Forward-Looking Information"

CYCLONE PROJECT, WYOMING

Significant land position in the Great Divide Basin

- In the vicinity of Ur-Energy Inc.'s Lost Creek ISR uranium mine and other former uranium mining facilities
- 26,180 acres comprising: 1,161 claims totaling 21,900 acres and 9 state leases covering 4,280 acres
- ~80 holes drilled during 2007-2008
- Mineralization encountered in several holes, with typical grades and thicknesses to uranium deposits elsewhere in the Great Divide Basin
- Deposits hosted in flat-lying sandstones of Battle Spring Formation
- Wide-spread alteration of host sandstones, with numerous roll-front uranium deposits associated with altered rocks

CYCLONE PROJECT, WYOMING

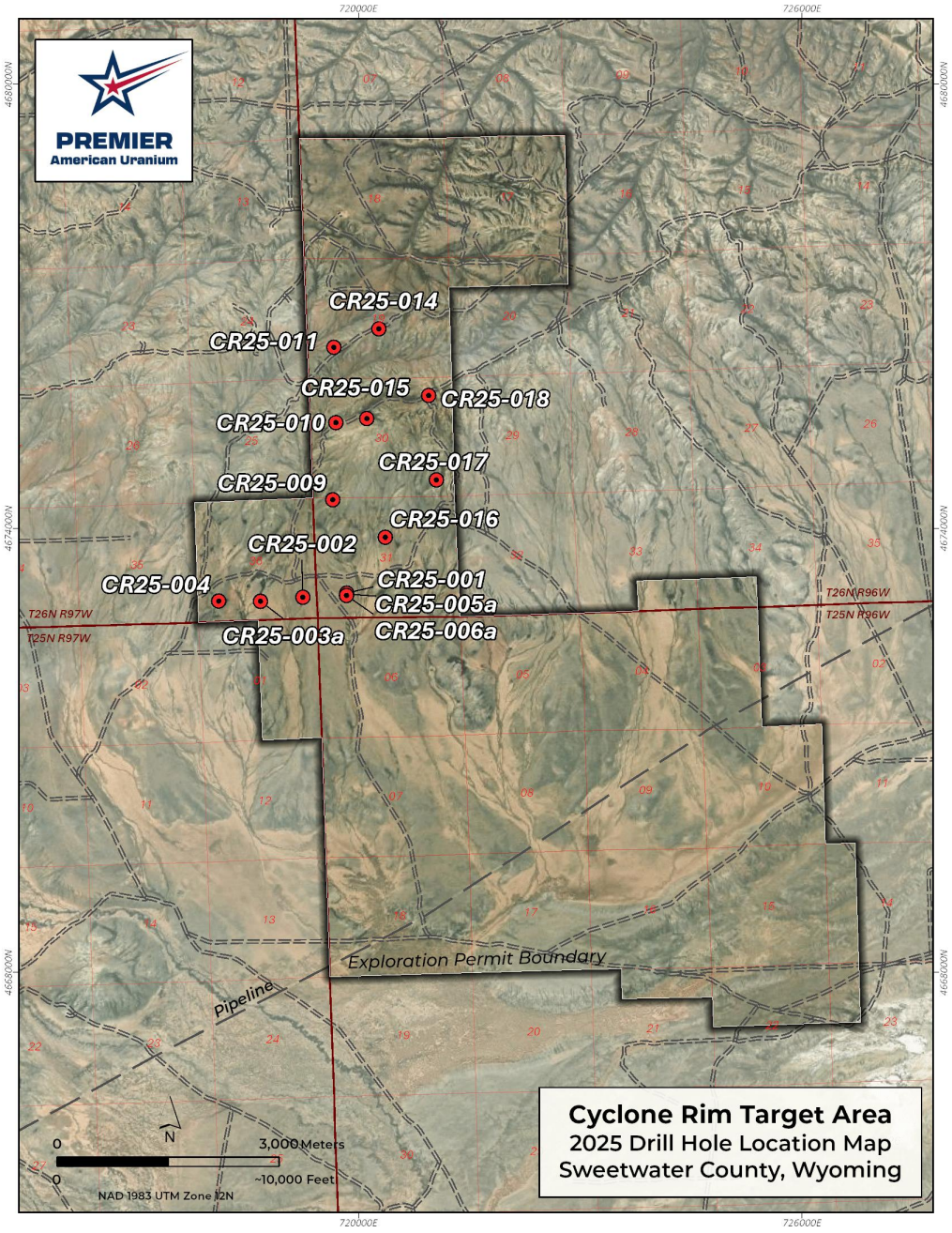
Successful inaugural exploration drill program at multiple targets

Cyclone Rim

- Exploration drill program designed to systematically investigate the resource potential
- 2024 drilling inaugural drilling:
  - 41 RC drill holes totaling 20,990 ft
  - Results indicated uranium mineralization along a ½-mile long, east-west trend that has not yet been fully defined
  - Drill intercepts up to 0.088% eU_3O_8 over a thickness of 10.5 feet (Grade thickness (GT) of 0.92)*
- 2025 follow-up drilling:
  - 25 mud rotary holes for 20,000 ft currently underway
  - 8 of 14 drill holes completed to date intersected uranium mineralization at grades of 0.01% eU_3O_8 or higher. Hole CR25-001 returned 15.5 ft grading 0.09% eU_3O_8.

Osborne Draw

- 5 preliminary drill holes (4,200 ft) were completed of the planned 36-hole program
- Four of the five holes encountered uranium mineralization, and three of the drillholes encountered multiple mineralized intercepts, with individual drill intercepts of up to 0.021% eU3O8 over 24.5 ft for a GT of 0.51
- The bulk of the drilling planned for Osborne Draw is expected to occur in 2025



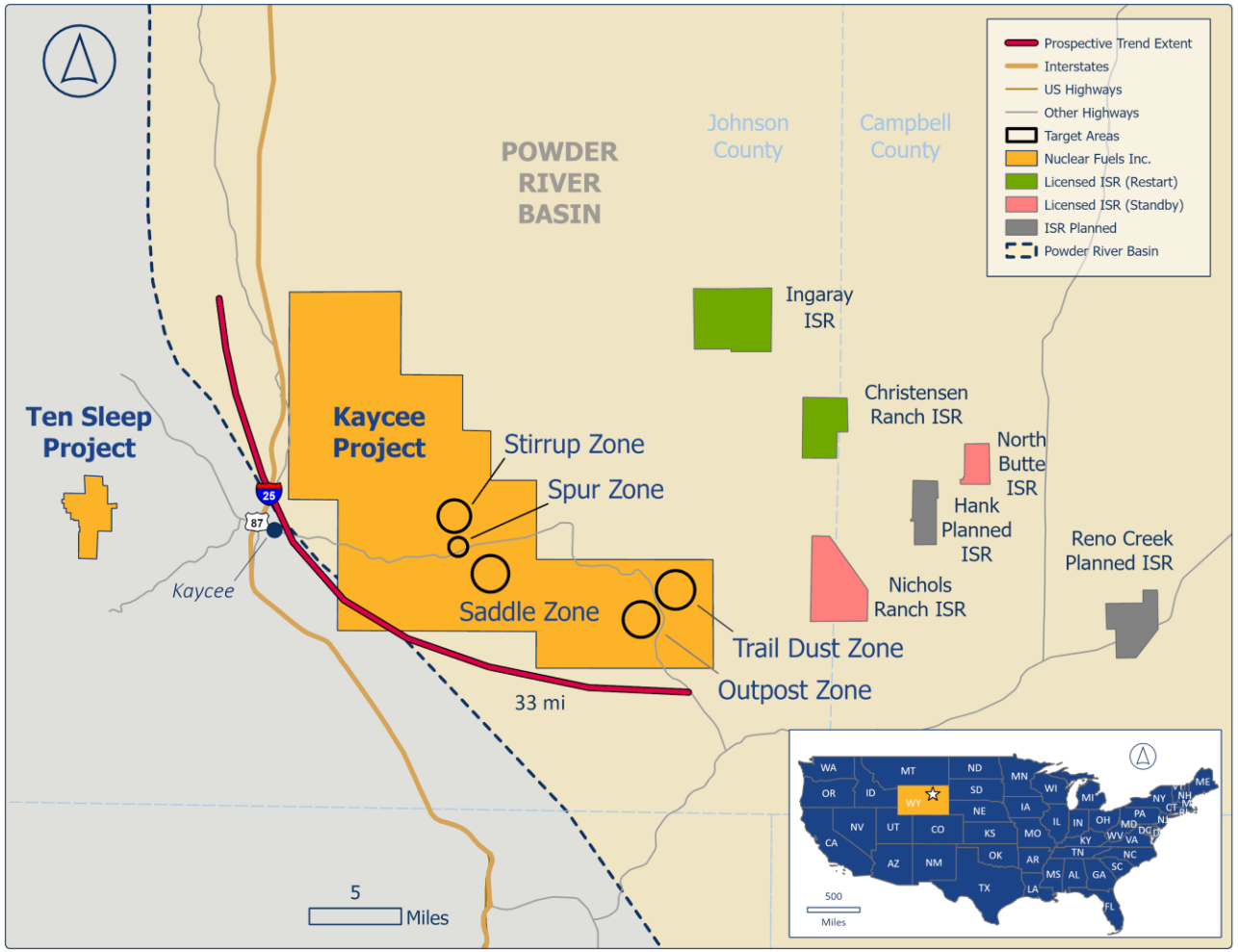
See press releases dated August 27, 2024, October 15, 2024 and July 29, 2025.
*Remaining holes contained mineralization below 0.2 GT and/or 0.02% cut-off. These include CR24-001 – 006, 009, 011 – 015, 019, 021, 022, 024 – 032, 034, 039 – 042, 044 – 045, 047 – 048. Hole OD24-37 contained mineralization below 0.2 GT and/or 0.02% cut-off.

Notes: Drill holes reported here encountered uranium mineralization with >2-ft thickness at or above a cut-off grade of 0.02% eU308. Grade Thickness, or GT, is defined as the product of the mineral grade multiplied by the thickness of the mineralized intercept. All grades were calculated from gamma-ray logs measured by Hawkins CBM Logging of Cody, Wyoming, a highly skilled and independent borehole geophysical contractor. Hawkins CBM Logging's geophysical probe was calibrated at the US Department of Energy's Casper, Wyoming logging test pits in August 2024. Uranium grades cited were calculated from gamma-ray logs, and the cited grades are "equivalent" ("e") grades of U3O8. All drill holes are vertical in orientation and the geologic units hosting the uranium mineralization are generally flat lying, therefore reported thicknesses are apparent true thicknesses. No corrections were made for radiometric disequilibrium.

KAYCEE PROJECT, WYOMING

Strategic land position in the prolific Powder River Basin

- 33,752 acres covering the western limb of the Powder River Basin
- 1st time in modern history that the entire project is controlled by a single company
- 35-mile trend with 430 miles of identified roll fronts; only 10% of the mapped roll front trends have been explored with close-spaced drilling
- Largest grass-roots ISR exploration program in the U.S., with 228,170 feet drilled in 2023-2024
- New recent discoveries at the Outpost Zone and Trail Dust Zone continue to build on initial drilling successes at Saddle, Stirrup and Spur zones, expanding known resource potential
- 100,000ft of drilling underway to follow-up on new discoveries at Outpost and Trail Dust



KAYCEE PROJECT, WYOMING

Exploration target outlines clear path to potential resource delineation

- An updated NI 43-101 Technical report identified an exploration target of 11.5 to 30 million pounds U_3O_8 at average grades of 0.06% to 0.10%.[1]
- A more extensive, in-depth review of historical data identified approximately 430 miles of roll fronts, an increase from the +110 miles previously outlined.

Upper End of Range							
Formation	Average Grade (%)	Average Thickness (ft.)	Average GT	Trend Length (Thousand ft.)	Average Trend Width (ft.)	Area (Thousand ft^2.)	Tonnage (mtons)
Wasatch	0.109	4.91	0.61	628	54	33,660	5.5
Fort Union	0.095	5.18	0.57	1,259	69	86,346	7.1
Lance	0.102	5.08	0.59	367	61	22,430	2.1
Totals	**0.102**	**5.08**		**2,254**		**142,436**	**14.8**
Lower End of Range							
Formation	Average Grade (%)	Average Thickness (ft.)	Minimum GT	Trend Length (Thousand ft.)	Average Trend Width (ft.)	Area (Thousand ft^2.)	Tonnage (mtons)
Wasatch	0.054	3.67	0.20	628	54	33,660	3.6
Fort Union	0.065	3.85	0.25	1,259	69	86,346	4.6
Lance	0.061	3.78	0.22	367	61	22,430	1.4
Totals	**0.061**	**3.79**		**2,254**		**142,436**	**9.6**

Notes:

1) The ranges of potential quantity and grade of the exploration target are conceptual in nature. There has been insufficient exploration to define a mineral resource or mineral reserve. It is uncertain if further exploration will result in the target being delineated as a mineral resource.
2) The exploration target is based on historical data including mapped redox trends, geophysical logs, thicknesses, and grades as described in Section 9.1.
3) Columns may not sum to total due to rounding

The potential quantity and grade of the exploration targets are conceptual in nature, 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; See NI 43-101 Technical Report on the Kaycee Uranium Project Johnson County, Wyoming, USA – effective date September 6, 2024, prepared by WWC Engineering.

LEADERSHIP

Board of Directors

TIM ROTOLO
CHAIRMAN
Co-founder of Sachem Cove. Founder of URNM, sold to Sprott

MARTY TUNNEY
COO IsoEnergy, Mining Engineer

JON INDALL
Lawyer, specialized in shaping federal energy laws and policies

MICHAEL HARRISON
Managing Partner Sprott

GREG HUFFMAN
Former CEO Nuclear Fuels, background in equity sales, research and fund management

BRAM SPILFOGEL
Former RBC Global Asset PM

Management

COLIN HEALEY
CEO AND DIRECTOR
MBA, former uranium analyst
+20 years experience

JASON ATKINSON
CORP DEV
Corporate Finance
+10 years experience

PHILIP WILLIAMS
STRATEGIC ADVISOR
CEO IsoEnergy
+20 years experience

GREG DURAS
CFO
CPA, +20 years experience

Together, the leadership team offers decades of proven expertise across the uranium industry and capital markets.

1. See “Cautionary Note Regarding Forward-Looking Information”.

TECHNICAL ADVISORS

Unparalleled experience in uranium exploration, development, permitting and operations

TED WILTON
GEOLOGIST

+50 years, including +25 in uranium
Involved in discovering 8 deposits with +10M oz Au in U.S. and Australia.

MIKE NUEMANN
ENVIRONMENTAL AND REGULATORY AFFAIRS

+40 years in uranium
Specialized in permitting in U.S. and Kazakhstan, gained regulatory approval for expansion of Daneros, compliance for Tony M, and Rim Mines in the U.S.

JOSH HOLLAND
ENVIRONMENTAL AND REGULATORY AFFAIRS

+20 years in uranium and manufacturing
Specialized permitting, government relations, and operations.

TYLER JOHNSON
GEOLOGIST

+15 years in uranium
Specialized in exploration, mine development, and resource estimation, formerly with Denison and Energy Fuels.

J.J. BROWN
GEOLOGIST

+25 years in multiple commodities
Specialized in field exploration, including exploration program design and oversight, and technical reporting.

MIKE THOMPSON
NEW MEXICO, GEOLOGIST

+18 years in uranium
Specialized in uranium acquisitions, resource development, and environmental regulatory compliance.

ACCOMPLISHMENTS AND KEY OBJECTIVES

2023

- ✓ Spin-out from Consolidated Uranium, now IsoEnergy
- ✓ Completed private placement of $6.9M
- ✓ Commenced trading on the TSXV

2024

- ✓ Commenced trading on the OTCQB marketplace
- ✓ Completed private placement of $5.8M
- ✓ Updated MRE for Cebolleta, setting the stage for expansion drilling
- ✓ Strengthened Board, Management and Technical team
- ✓ Completed acquisition of American Future Fuel, bolstering leadership in the industry
- ✓ Completed inaugural drill program at Cyclone, Wyoming

2025

- ✓ Completed acquisition of Nuclear Fuels, creating America's largest pure-play explorer
- ✓ Commenced Phase II drilling program at Cyclone, Wyoming with 20,000ft underway
- ✓ Commenced Phase II drilling program at Kaycee, Wyoming with 100,000ft underway
- ✓ Preliminary Economics (PEA) and Mineral Resource Estimate for Cebolleta, New Mexico
- ☐ Drilling results from two exploration programs
- ☐ Portfolio building M&A

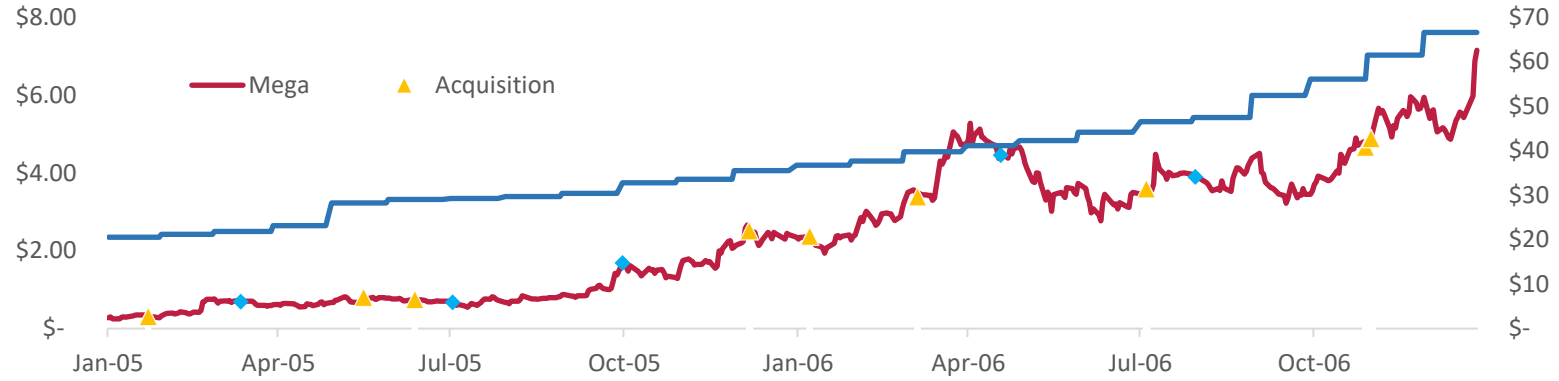
PREMIER
American Uranium

APPENDIX

CONSOLIDATION: A PROVEN STRATEGY

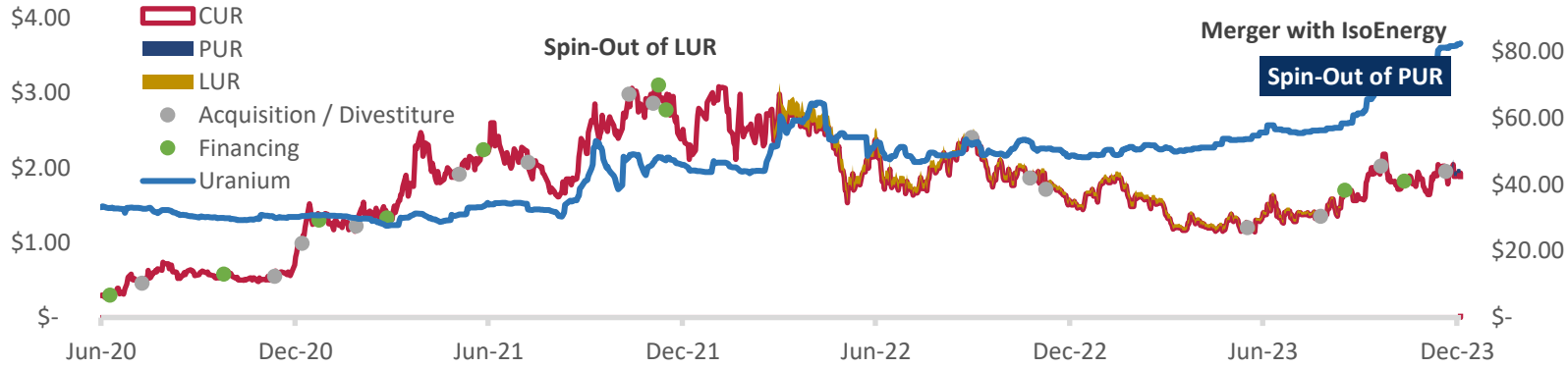
PUR was built by a team that has done it before

+2,300% RETURN



MEGA URANIUM (Jan 2005 to Dec 2006)
Uranium price from $20.50 to $66.50
Completed 9 Acquisitions
Raised +$50m
Market cap increased from $15m to $940m

+1,300% RETURN



CONSOLIDATED URANIUM (Mar 2020 to Dec 2023)
Uranium price from $27.40 to $82.30
Completed 12 acquisitions
Completed spin-out of Latitude Uranium and Premier American Uranium. Merged with IsoEnergy.
Raised +$90m
Market cap increased from $2m to ~$204m

1. Based on public disclosure, see “Cautionary Note Regarding Forward-Looking Information”

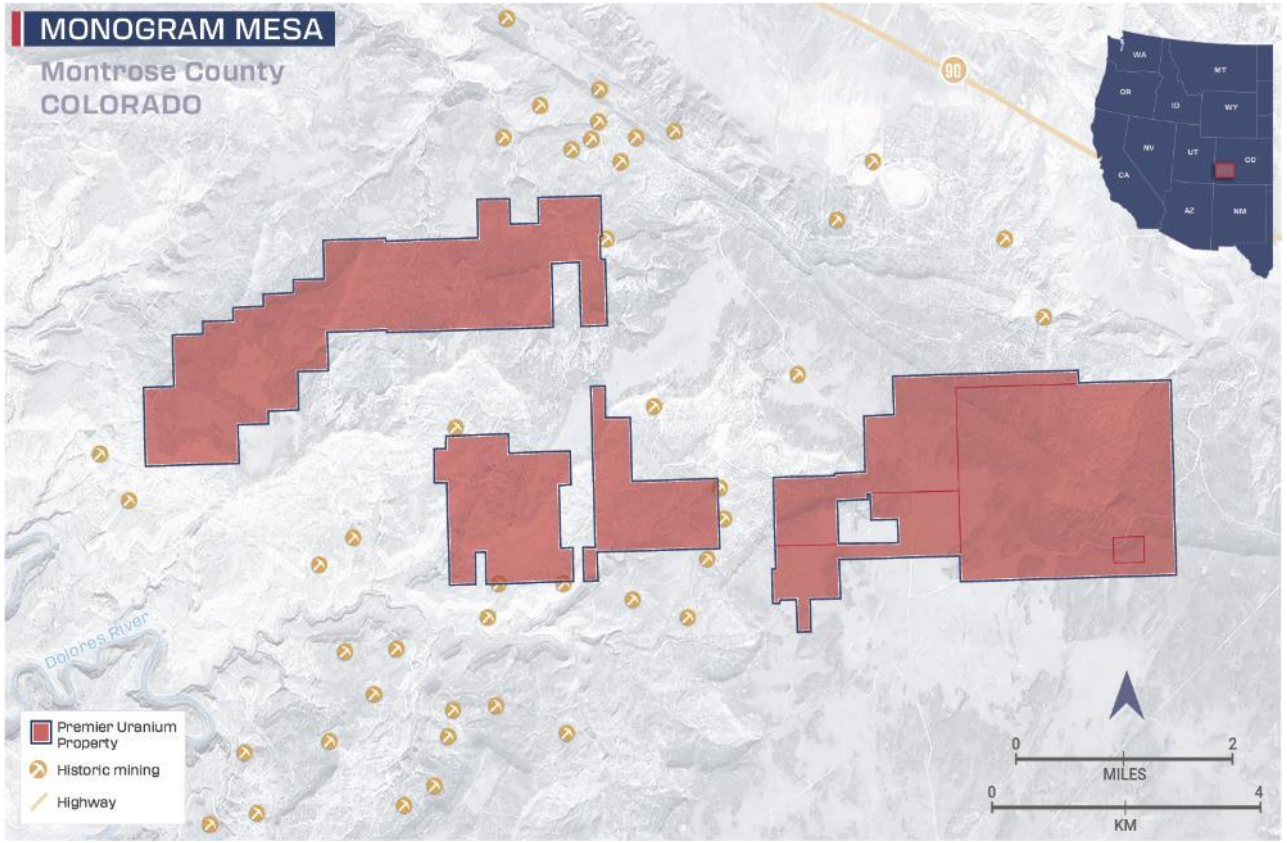
MONOGRAM MESA, COLORADO

Adjacent to multiple historic mines that produced nearly 5Mlbs

- 7,431 acres with 361 mining claims
- Multiple historic mines on the NE side and West
- Mines generally stable and dry, with numerous mineralized zones exposed
- Significant infrastructure surrounding the project including powerlines to the property, paved highway within miles of the property, mine roads crossing the property

Next Steps

- Exploration drilling program planned delineate mineralization
- Potential acquisition of surrounding properties consolidating area



Historical Production[1]

Area	Tons Produced (short tons)	U3O8 Grade (% U3O8)	Pounds of U3O8	V2O5 Grade (% V2O5)	Pounds of V2O5
Monogram Mesa Mines	840,761	0.30	4,992,179	1.19	20,001,113

1. Nelson-Moore, James L, Donna Bishop Collins and A. L. Hornbaker, 1978; Radioactive Mineral Occurrences of Colorado, Colorado Geological Survey Bulletin 40, 1,054 pages, 18 figures, 3 tables, 12 plates.
2. See “Cautionary Note Regarding Forward-Looking Information”.

ATKINSON MESA, COLORADO

Most substantial uranium-vanadium production within the entire Uravan belt

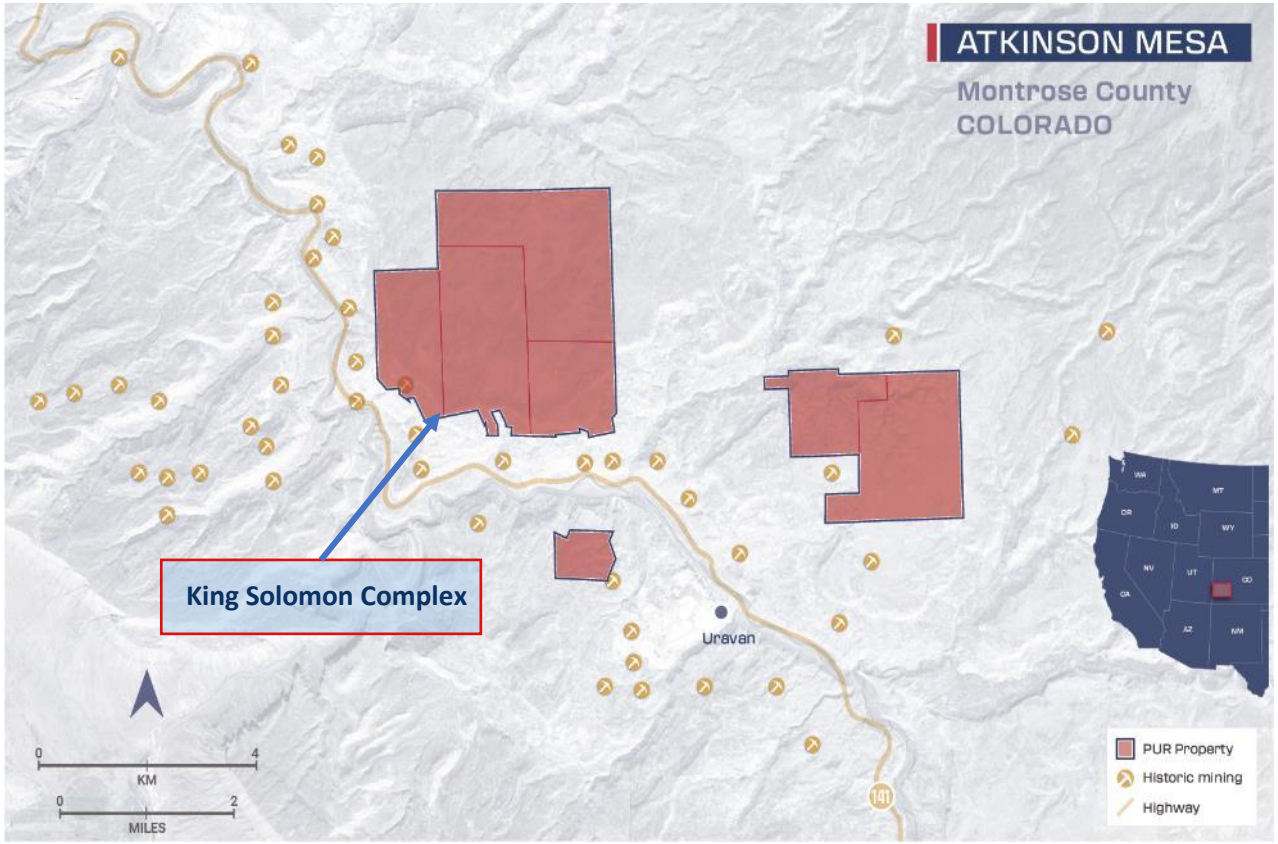
- 5,863 acres comprising: 172 mining claims and 4 DOE leases.
- Land package includes patented (fee simple) mining claims on the Dolores Bench
- Several small-scale mines on the project
- Large-scale underground mine [the King Solomon mine] developed in 1975[1]

Next Steps

- Acquire historical drilling and mine production data
- Undertake drilling program to confirm historical drill results and define the extent of mineralization in the central and northern parts of the properties

Historical Production[1]

Area	Tons Produced (short tons)	U3O8 Grade (% U3O8)	Pounds of U3O8	V2O5 Grade (% V2O5)	Pounds of V2O5
King Solomon Complex	1,230,0000	0.21	5,160,000	1.11	26,540,000



1. Goodnight, Chenoweth, Dayvault and Cotter, 2005: Geologic Road Log for Uravan Mineral belt Field Trip; Prepared for Geological Society of America 2005 Annual Meeting.
2. See "Cautionary Note Regarding Forward-Looking Information".

OUTLAW MESA AND SLICK ROCK, COLORADO

Multiple historic mines with exploration potential

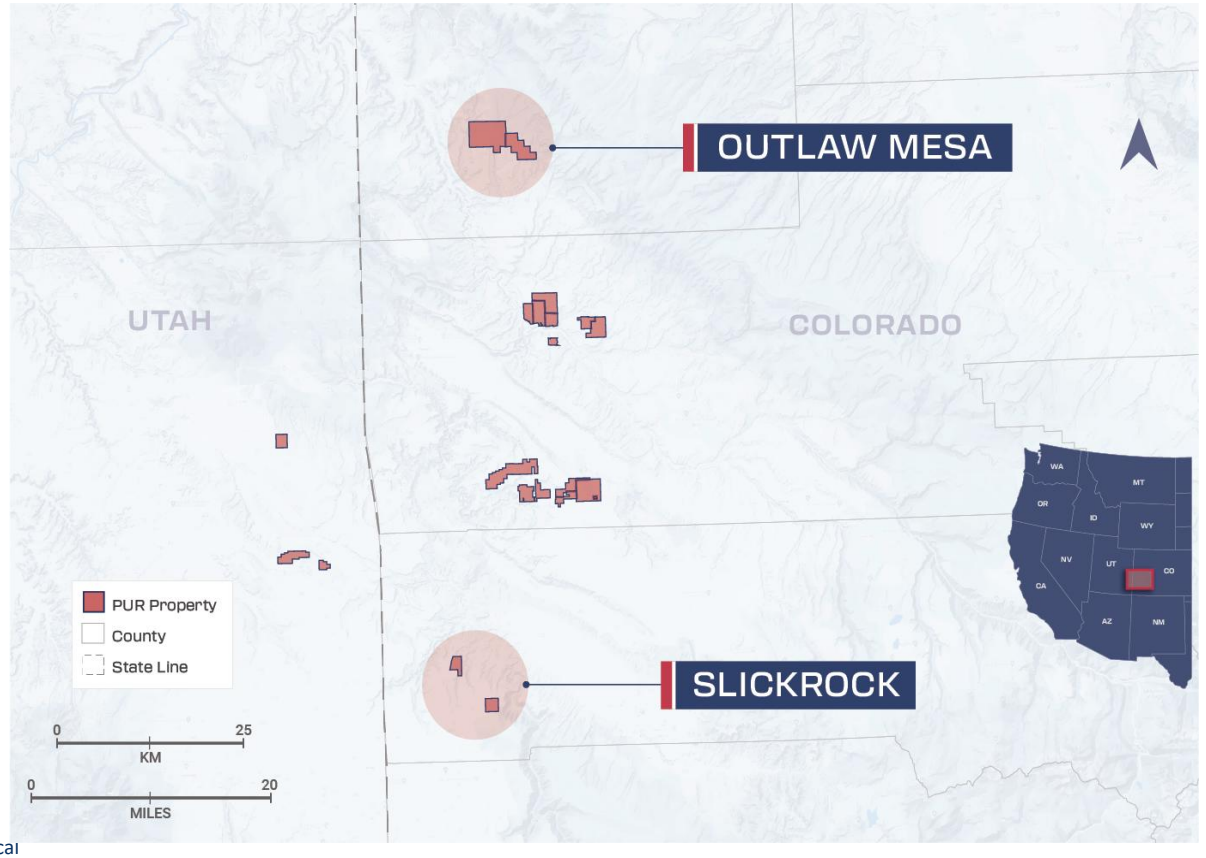
- Outlaw Mesa - Total project covers 5,759 acres with 2 DOE leases.
- Slick Rock - Total project covers 1,226 acres with 2 DOE leases.
- Historic production from multiple mines, including the well known:
  - Slick Rock
  - Calamity Mines
- All leases contain uranium & vanadium mineralization

Next Steps

- New 10-year leases signed with the US Department of Energy in Jan 2020
- Data review and drill targeting.

Historical Production[1]

Property	Tons (short)	Grade (%U3O8)	Pounds U3O8	Grade V2O5	Pounds V2O5
Slick Rock	434,300	0.34	2,953,600	1.30	11,333,800
Outlaw & Calamity Mesas	423,500	0.34	2,917,200	1.29	10,994,500



1. Nelson-Moore, James L, Donna Bishop Collins and A. L. Hornbaker, 1978; Radioactive Mineral Occurrences of Colorado, Colorado Geological Survey Bulletin 40, 1,054 pages, 18 figures, 3 tables, 12 plates.
2. See “Cautionary Note Regarding Forward-Looking Information”.

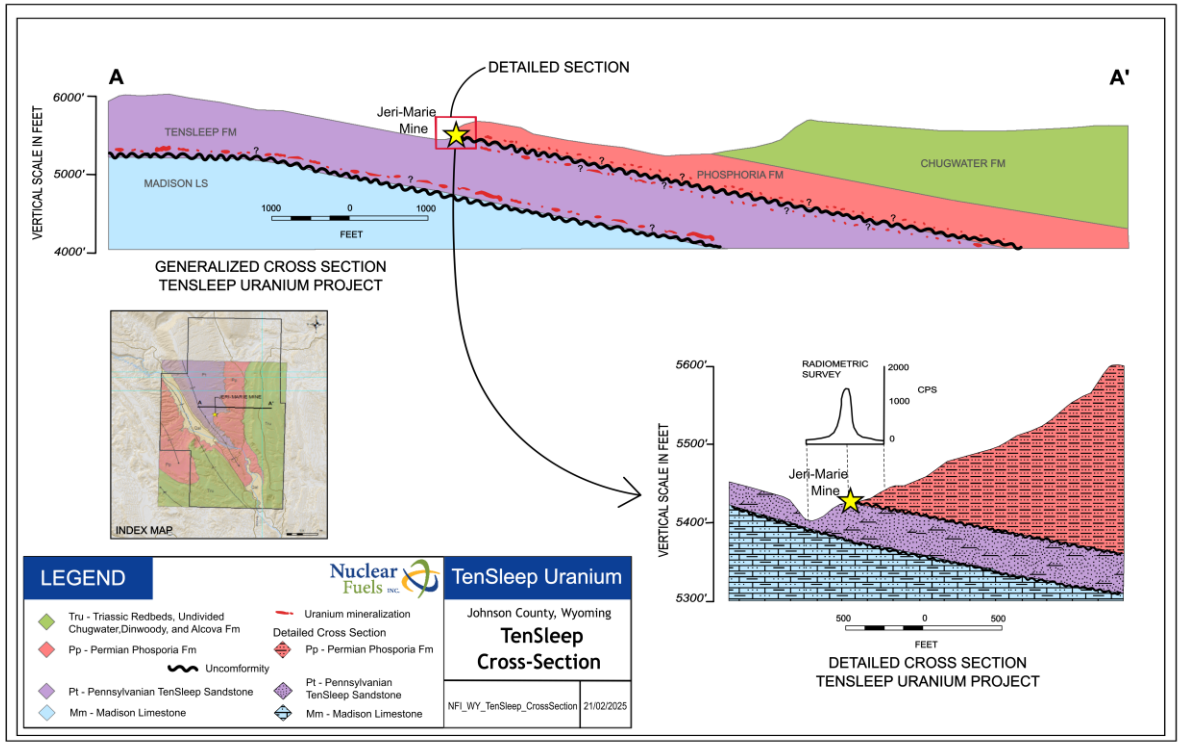
TENSLEEP PROJECT, WYOMING

Prospective exploration project 10 miles west of Kaycee

- Unconformity-style uranium mineralization in Wyoming's Powder River Basin (similar setting to Saskatchewan's Athabasca Basin);
- Approx. 3,000-acre property located 10 miles west of Kaycee, with a historic underground uranium mine operated in the 1950s;
- Outcropping uranium mineralization is associated with an unconformable contact between the TenSleep Formation sandstones and the overlying Phosphoria Formation;
- The majority of the historic drilling in the early 1970s was shallow in nature, with only ten of the holes penetrating the entire TenSleep Formation;
- “Eight of the ten deeper holes were pervasively mineralized or anomalous at the base of the TenSleep Formation” [1], which represents an exciting target for an unconformity-style uranium deposit;

Next Steps

- An exploration program is currently being developed with drilling contemplated in H2/2025.



1. See “Cautionary Note Regarding Forward-Looking Information”

BOOTHEEL & BOBCAT PROJECT, WYOMING

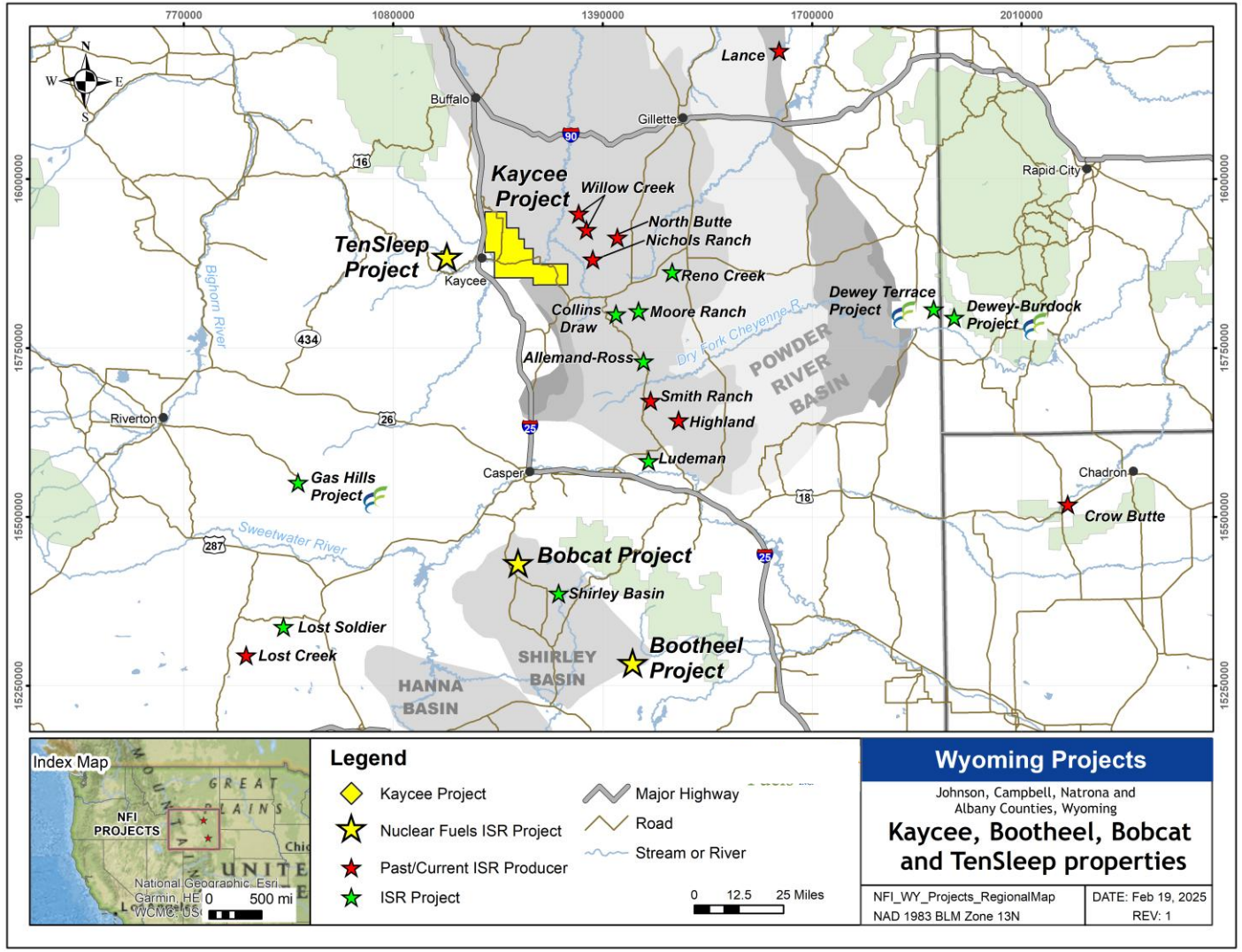
Prospective exploration in the prolific Shirley Basin

Bootheel Project

- Roll-front mineralization occurs in three ages of sandstone;
- Mineralization is amenable to ISR extraction with unusually positive fluid dynamics;
- Historic NI 43-101 Resources

Bobcat Project

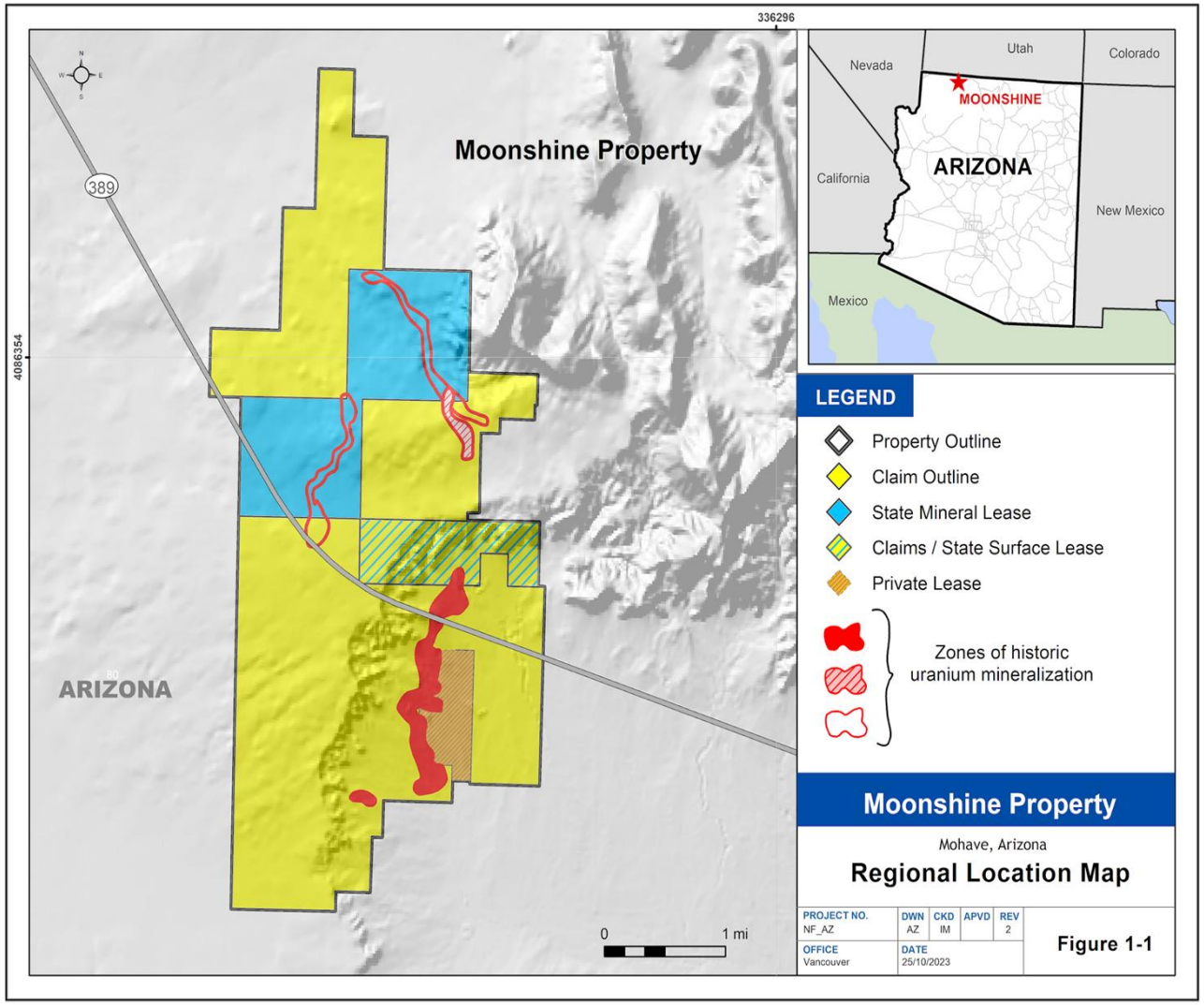
- 1,600 acres of mineral rights and hosts a historic uranium resource covering a mineralized roll-front and is open to expansion[3]



MOONSHINE PROJECT, ARIZONA

Prospective exploration prospects

- An uncategorized historic resource with potentially amenable to ISR extraction process
- 3-mile trend of uranium mineralization identified with limited drilling
- High grade results for ISR when compared to peers, typical results range from 0.04 to 0.07% U_3O_8



ADDITIONAL INFORMATION

Sources for Slide 6

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9. https://www.bbc.com/news/articles/cx25v2d7zexo

Additional Details for Slide 10-12

1. As determined by BRS Engineering, sufficient historical exploration data is available for the North and East claim blocks to define an exploration target , which shows a range of 6.5 million short tons averaging 0.06% U3O8 (7.9 million lbs. U3O8) to 10.5 million short tons averaging 0.06% U3O8 (12.6 million lbs. U3O8).1 The potential quantity and grade of this exploration target is conceptual in nature and based on the geologic interpretation that mineralization is Sandstone Type mineralization, aerial radiometric anomalies, and indications of the presence of oxidation reduction interfaces with mineralization from available drill data. There has been insufficient exploration to define a mineral resource and it is uncertain if a mineral resource will be delineated. For the definition of the exploration target, the following criteria based on direct knowledge and experience in the area and similar sandstone hosted uranium deposits in Wyoming was used: (i) a minimum cut-off grade of 0.02% U3O8 and a grade thickness product (GT) of 0.10, (ii) a radiometric disequilibrium factor of 1, and (iii) a bulk density of 16 cubic feet per ton.

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