PREMIER
American Uranium

RESHAPING AMERICA'S URANIUM LANDSCAPE

Purpose Built to Revitalize US Domestic Uranium Production

INVESTOR PRESENTATION | SEPTEMBER 2024

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

A Disciplined & Opportunistic Strategy of Capital Allocation

ACQUIRE

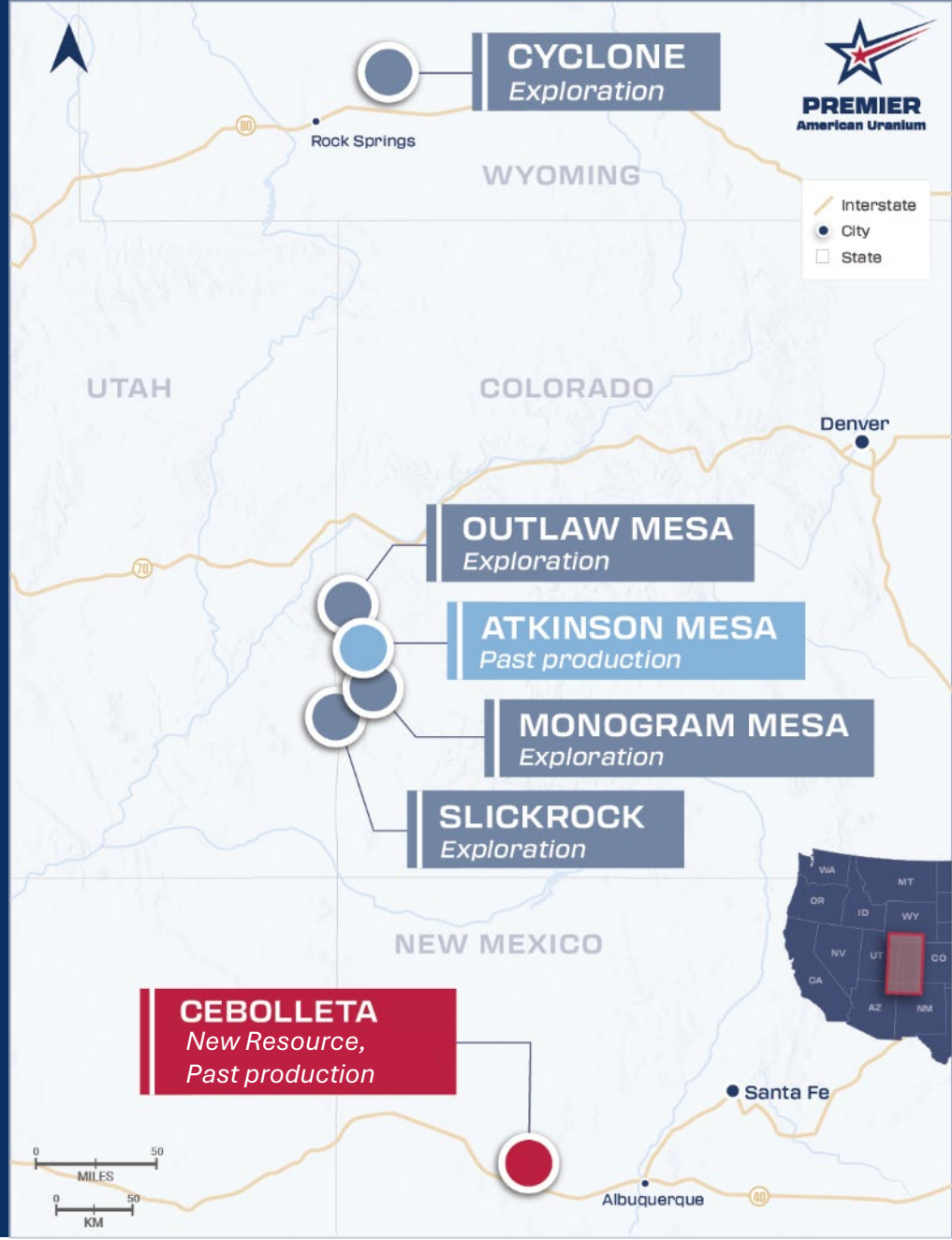
Continue to evaluate accretive M&A opportunities in the U.S.

EXPLORE

Define resources and make new discoveries across portfolio

DEVELOP

Advance pipeline of past producing assets with historical resources



COMPANY SNAPSHOT

CAPITAL STRUCTURE

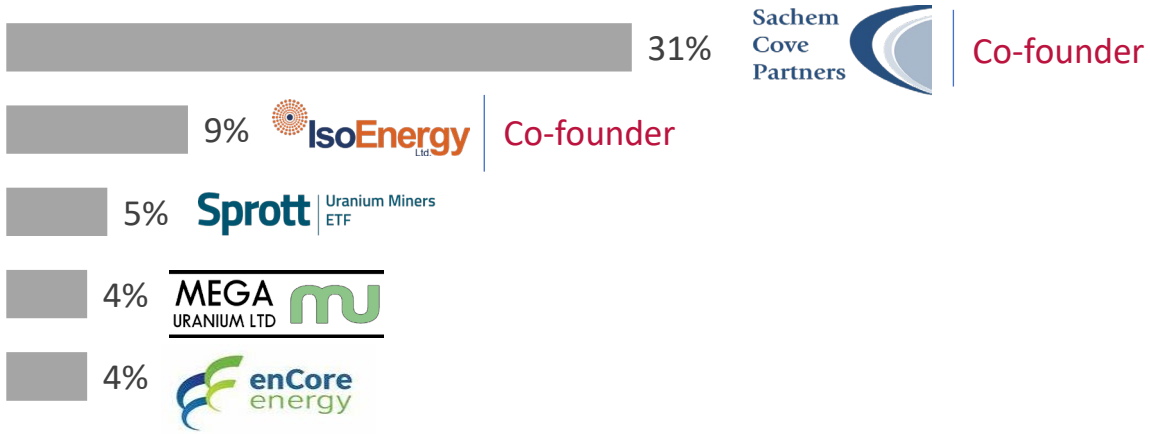
Share Price (August 29, 2024)	C$1.69
Basic Shares Outstanding[1]	45.9M
Options[2]	4.0M
Warrants[3]	8.3M
RSUs	0.1M
FD Shares Outstanding	58.3M
Market Capitalization (Basic)	C$77.6M
Cash[4]	C$8.7M

1. Based on public company disclosure as of June 30, 2024 and reflects ~11,140 compressed shares outstanding.
2. Options outstanding with expiry dates ranging from August 14, 2025 to July 30, 2029 at C$1.50 to C$2.98.
3. Warrants outstanding, with expiry dates ranging from January 31, 2025 to December 26, 2026 and strike prices ranging from C$1.50 to C$7.36 and $2.20.
4. As of June 30, 2024 (C$ = U$0.730959).

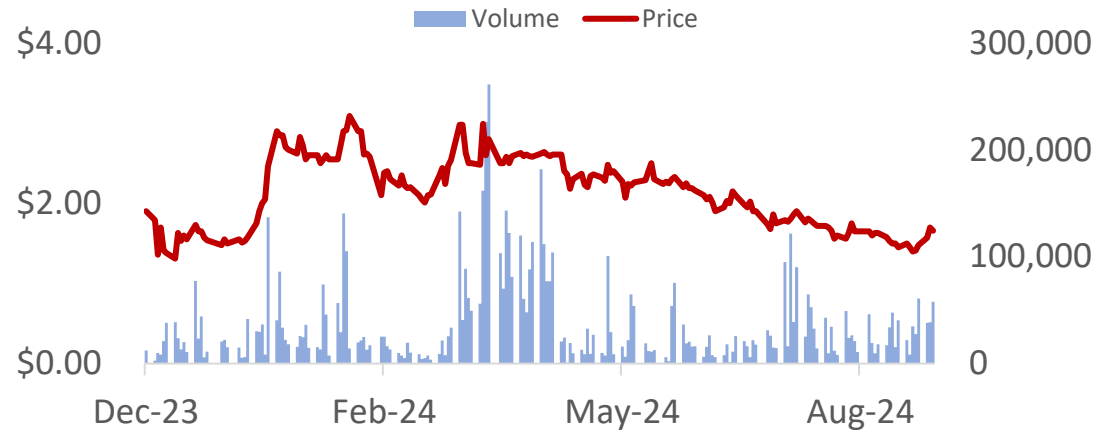
ANALYST COVERAGE

Firm	Analyst	Rating	Target
Red Cloud Securities	Dave Talbot	BUY	-
Beacon Securities	Alex Brown	SPEC BUY	$4.00

TOP FIVE SHAREHOLDERS



SHARE PRICE PERFORMANCE



URANIUM: RESURGENCE IN THE U.S.

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

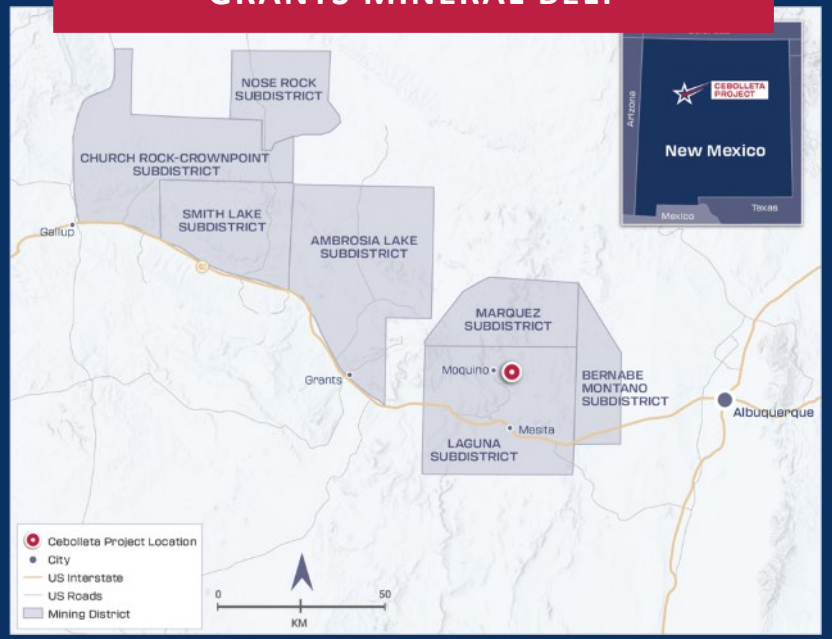
Recent historic series of actions sending a clear message that the U.S. is committed to long-term growth in its nuclear sector

2040	Prohibiting Russian Uranium Imports Act signed into law banning low enriched uranium to the end of 2040
$2.7B	Federal funding appropriated at the President's request to jumpstart new enrichment capacity the U.S.
$900M	U.S. Department of Energy announced $900M in funding to support the initial deployment of GEN III+ Small Modular Reactor technologies.
$700M	The Inflation Reduction Act (2022) committed $700M to support the development of a domestic HALEU supply chain
$4.2B	U.S., Canada, France, Japan & U.K. to invest $4.2 billion to secure a reliable global nuclear energy supply chain
COP28	Commitment to Triple Nuclear Power Output by 2050, led by the U.S. and 21 other countries

See appendix for sources

THREE OF THE TOP URANIUM DISTRICTS IN THE U.S.

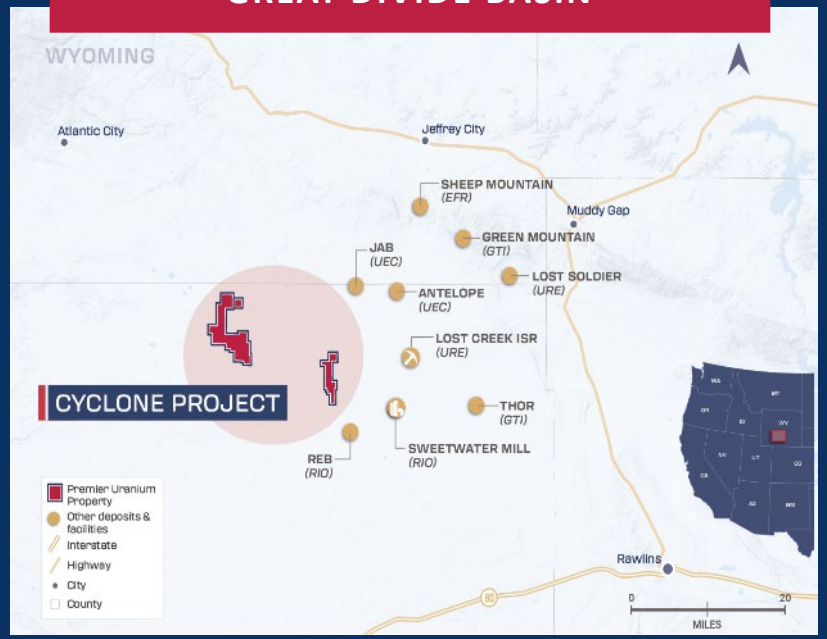
NEW MEXICO
GRANTS MINERAL BELT



+347M lbs U_3O_8 produced (37% of all U.S. historical production)[1]

4th largest uranium district in the world

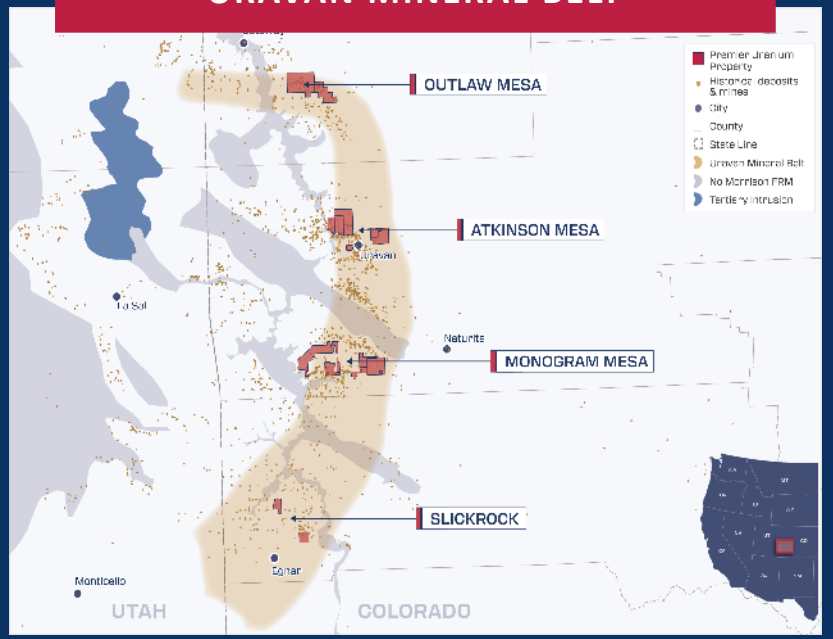
WYOMING
GREAT DIVIDE BASIN



+230M lbs of U_3O_8 produced in Wyoming since first discovery[2]

One of the least exploited basins in Wyoming

COLORADO
URAVAN MINERAL BELT



+80M lbs U_3O_8 and +400M lbs V_2O_5 produced since 1945[3]

Ranked 5th in Investment Attractiveness (2022)[4]

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
3. Chenoweth, William L., 1981, "The Uranium-Vanadium Deposits of the Uravan Mineral Belt and Adjacent Areas, Colorado and Utah. In New Mexico Geological Society Guidebook 32, Western Slope, Colorado" and Goodnight, Craig S., William L. Chenoweth, Richard D. Davyault and Edward T. Cotter, 2005: "Geologic Road Log for Uravan Mineral Belt Field Trip, West-Central, Colorado" Rocky Mountain Section of the Geologic Society of America.
4. www.fraserinstitute.org/sites/default/files/annual-survey-of-mining-companies-2022.pdf

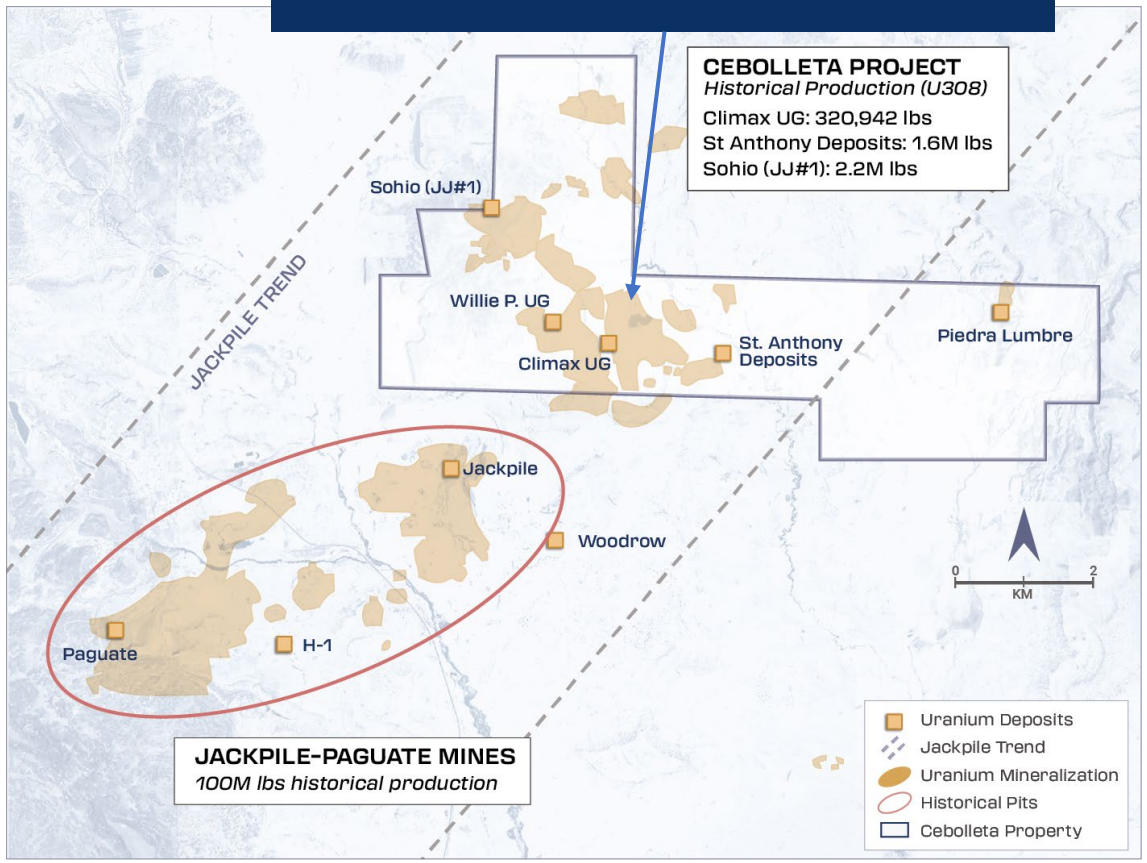
CEBOLLETA PROJECT, NEW MEXICO

2024 Mineral Resource Estimate Underpinned by Past Production

Current Mineral Resource Estimate (April 2024) upgraded 80% to Indicated Category:

18.6 M lb U_3O_8 (6.6 M tons @ 0.14% U_3O_8) Indicated
4.9 M lb U_3O_8 (2.6 M tons @ 0.10% U_3O_8) Inferred

- Located on the eastern edge of the Grants Mineral Belt, approximately 100 km west of Albuquerque
- 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
- Adjacent to 100M lbs of uranium production from the historical Paguate and Jackpile mines[1]
- Site of several formerly operated open pit and underground mines (1950s through 1980s) with historical production of 3.8M lbs U_3O_8[2]
  - 1.6 M lb of historical production from two open pit mines and two underground mines at the St. Anthony area from 1975 to 1979
  - 2.2 M lb of historical production from the Area II and V deposits (899K tons grading 0.123% U_3O_8)
- Highly reputable past operators: Sohio Western Mining (acquired by Rio Tinto) and United Nuclear Corporation (acquired by General Electric)



1. The Jackpile-Paguate Uranium Mine, Grants Uranium District: Changes in perspectives from production to superfund site Virginia T. McLemore, Bonnie A. Frey, Ellane El Hayek, Eshani Hettiarachchi, Reid Brown, Olivia Chavez, Shaylene Paul, and Milton Das
2. 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

CEBOLLETA PROJECT, NEW MEXICO

Shallow deposits with current mineral resources

- 2024 Mineral Resource Estimate:
  - **Indicated: 18.6 M lb U_3O_8** (6.6 M tons @ 0.14% U_3O_8)
    - **Underground: 13.4 M lb U_3O_8** (average grade of 0.208% U_3O_8)
    - **Open Pit: 5.2 M lb U_3O_8** (average grade of 0.078% U_3O_8)
  - **Inferred: 4.9 M lb U_3O_8** (2.6 M tons @ 0.10% U_3O_8)
    - **Underground: 2.6 M lb U_3O_8** (average grade of 0.135% U_3O_8)
    - **Open Pit: 2.3 M lb U_3O_8** (average grade of 0.072% U_3O_8)
- Eight relatively shallow sandstone hosted uranium deposits contemplated in a mix of underground and open pit scenarios ranging in depth from 60 m to 213 m
- 3,594 historical drill holes totaling 569,000 m ($75M of historical expenditures)
- Potential remains to expand known deposit footprint, and update mineral resource with additional drilling and completing a PEA

Notes:
1. CIM (2014) definitions were followed for Mineral Resources.
2. Mineral Resources are estimated at a cut-off grade of 0.072% eU_3O_8 for underground based on Deswik MSO stope shapes and 0.024% eU_3O_8 for open pit using Whittle pit optimization.
3. Mineral Resources are estimated using a long-term uranium price of US$80/lb U_3O_8.
4. Mineral Resources have been depleted based on past reported production numbers from the underground JJ#1 and Climax M6 mines.
5. A minimum mining width of two feet was used.
6. Tonnage Factor is 16 ft^3/st (Density is 0.0625 st/ft^3 or 2.00 t/m^3).
7. Numbers may not add due to rounding.

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

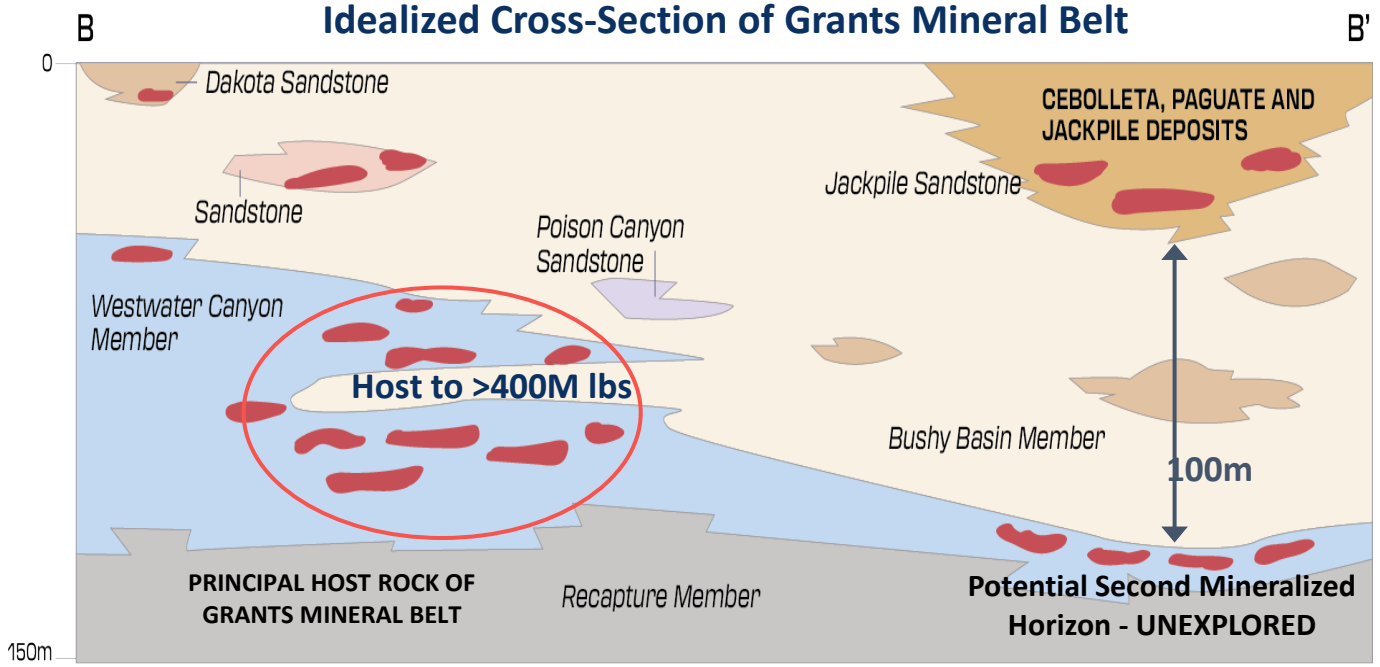
Mineral Resources – Effective Date of April 30, 2024							
Classification	**Zone**	**Grade Cut-off (% eU_3O_8)**	**Tonnage (Million st)**	**Grade (% eU_3O_8)**	**Contained Metal (Million lb eU_3O_8)**	**AMPS Basis (%)**	**Recovery U_3O_8 (%)**
Underground							
Indicated	Area I	0.072	0.8	0.168	2.6	100	95
	Area II	0.072	2.3	0.193	8.7	100	95
	Area III	0.072	0.7	0.192	2.7	100	95
	Area IV	0.072	0.0	-	0.0	100	95
	Area V	0.072	0.4	0.208	1.6	100	95
Subtotal Indicated			4.1	0.189	15.6	100	95
Depletion JJ#1			-0.9	0.123	-2.2		
Total Indicated			3.2	0.208	13.4		
Inferred	Area I	0.072	0.2	0.118	0.4	100	95
	Area II	0.072	0.3	0.131	0.8	100	95
	Area III	0.072	0.2	0.156	0.6	100	95
	Area IV	0.072	0.1	0.105	0.3	100	95
	Area V	0.072	0.2	0.161	0.5	100	95
Total Inferred			1.0	0.135	2.6	100	95
Open Pit							
Indicated	St. Anthony North Pit	0.024	3.3	0.081	5.4	100	95
		0.024	0.1	0.084	0.2	100	95
Subtotal Indicated			3.4	0.081	5.5	100	95
Depletion Climax M6			-0.1	0.205	-0.3		
Total Indicated			3.3	0.078	5.2		
Inferred	St. Anthony North Pit	0.024	1.3	0.070	1.8	100	95
		0.024	0.3	0.078	0.5	100	95
Total Inferred			1.6	0.072	2.3	100	95

CEBOLLETA PROJECT, NEW MEXICO

High potential for resource expansion through exploration

- **Strong potential to increase resources[1]:**
  - **Willie P area** - not included in current MRE, but known to be mineralized (subject of prior underground mining)
  - **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

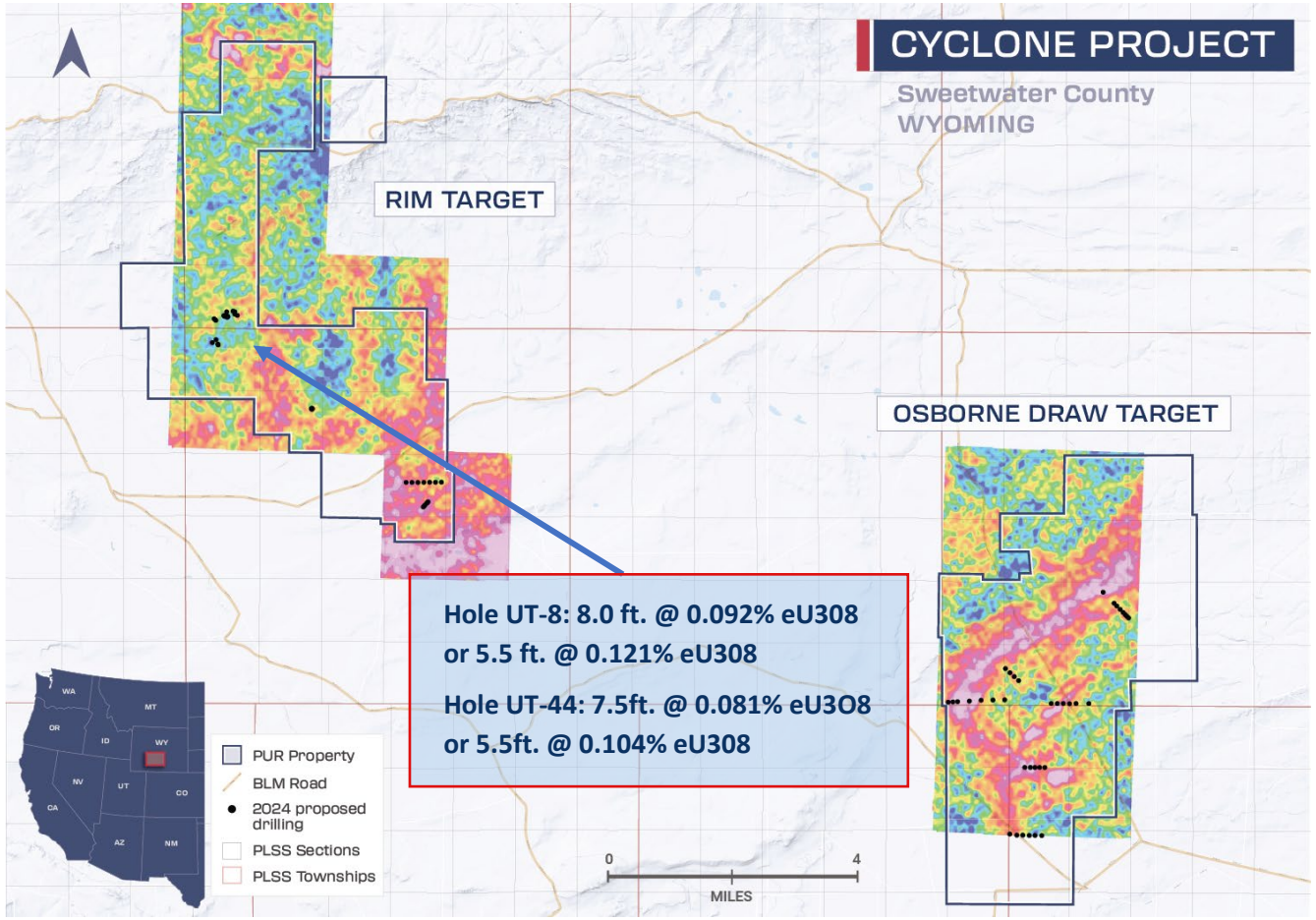


1. See NI 43-101 Technical Report on the Cebolleta Uranium Project Cibola County, New Mexico, USA – effective date April 30, 2024, prepared by SLR International Corporation
2. Uranium resources in the Grants uranium district, New Mexico: An update Virginia T. McLemore, Brad Hill, Niranjan Khalsa, and Susan A. Lucas Kamat 2013
3. See "Cautionary Note Regarding Forward-Looking Information"

CYCLONE PROJECT, WYOMING

Significant land position with in-situ recovery (ISR) potential

- In the vicinity of Ur-Energy Inc.'s Lost Creek ISR uranium mine and other former uranium mining facilities
- 25,500 acres comprising: 1,061 claims totaling 21,220 acres and 7 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

Inaugural exploration drill program underway

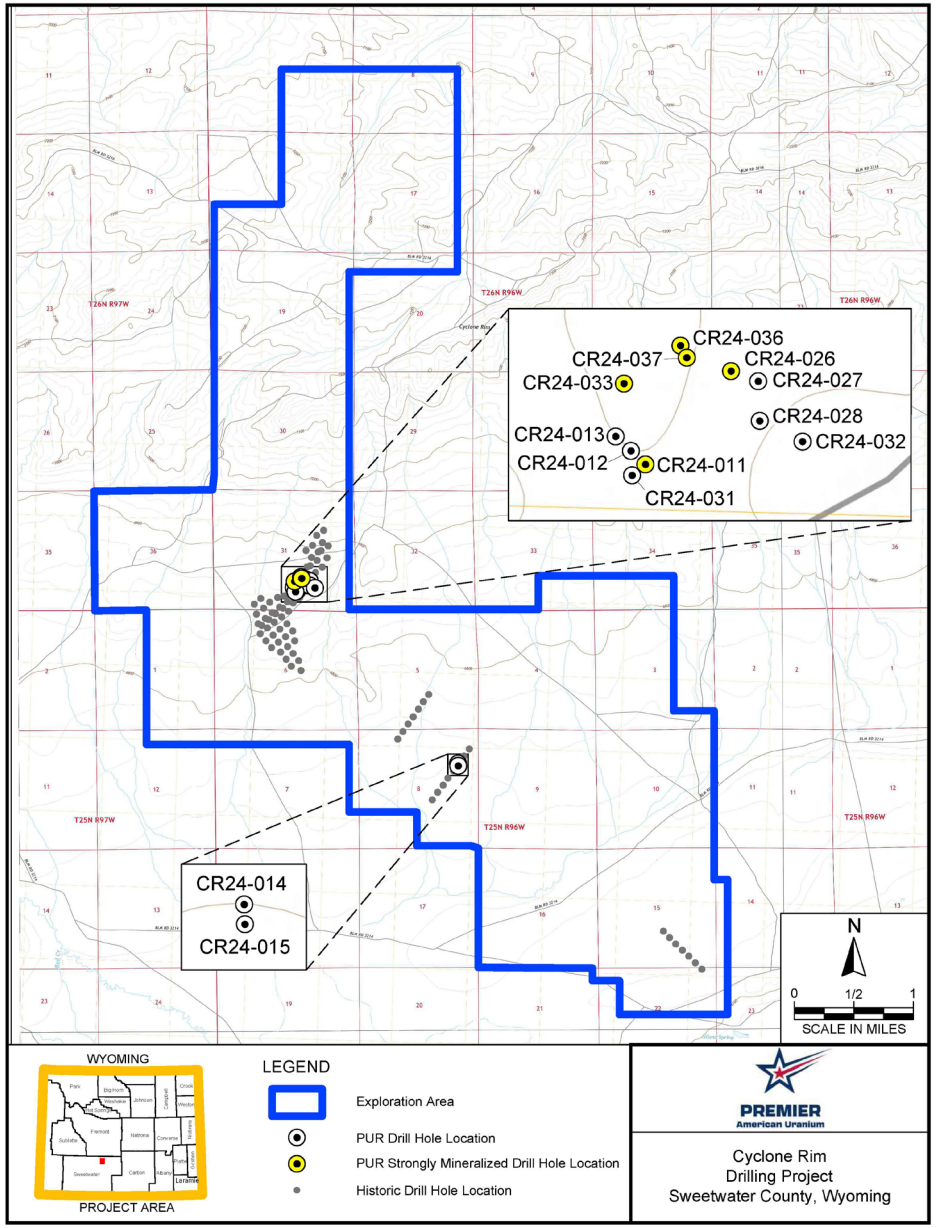
- Exploration drill program at Cyclone designed to systematically investigate the resource potential:
  - Target range of 6.5 million short tons averaging 0.06% U_3O_8 (7.9 million lbs. U_3O_8) to 10.5 million short tons averaging 0.06% U_3O_8 (12.6 million lbs. U_3O_8).[1,2]
- 71 RC drill holes totaling 49,700 ft. planned for 2024-2025:
  - 37 holes at Cyclone Rim currently underway with one rig, average depth of 500 ft. Mineralization occurs at approximately 400 ft.
  - 34 holes at Osborne Draw planned for 2025, average depth of ~800 ft. Mineralization occurs at approximately 700 ft.
- US$2.3 million 2024-25 all-in project budget

1. See "Cautionary Note Regarding Forward-Looking Information" and source details on slide 24
2. Technical Report on the Cyclone Rim Uranium Project, Great Divide Basin, Wyoming, USA, prepared by Douglas L Beahm P.E., P.G., dated June 30, 2023. This is not a current estimate of mineral resources or reserves. The potential quantities and grades of the exploration target are conceptual in nature and there has been insufficient exploration to date to define a current mineral resource. Furthermore, it is uncertain if additional exploration will result in the exploration target being delineated as a mineral resource. As determined by BRS Engineering Inc., 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). 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.

CYCLONE PROJECT, WYOMING

Early drilling consistent with the resource exploration target

- At the Cyclone Rim Target, **19-holes (9,125 ft) of the planned 37 holes (~17,500 ft) have been completed** and remains on track for completion in late fall.
- **Significant intercepts of mineralization including**:
  - 6.5 ft grading 0.066% eU_3O_8 (GT of 0.43) in Hole CR24-033 (from 253.5 ft down hole)
  - 8.5 ft grading 0.028% eU_3O_8 (GT of 0.24) in Hole CR24-036 (from 196.5 ft down hole)
  - 6.0 ft grading 0.033% eU_3O_8 (GT of 0.20) In Hole CR24-037 (from 248.5 ft down hole)
- Drill holes located 10 to 75 ft from historic drill hole collars and confirm the presence of uranium mineralization at depths and locations consistent with those suggested by the limited historic drilling conducted in 2007-2008.[1,2]



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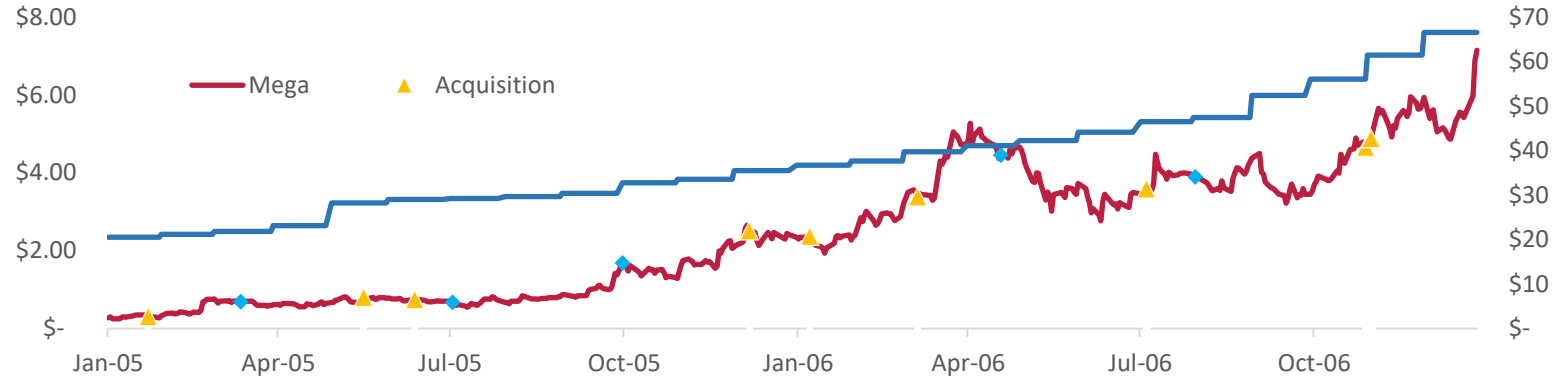
CONSOLIDATION: A PROVEN STRATEGY

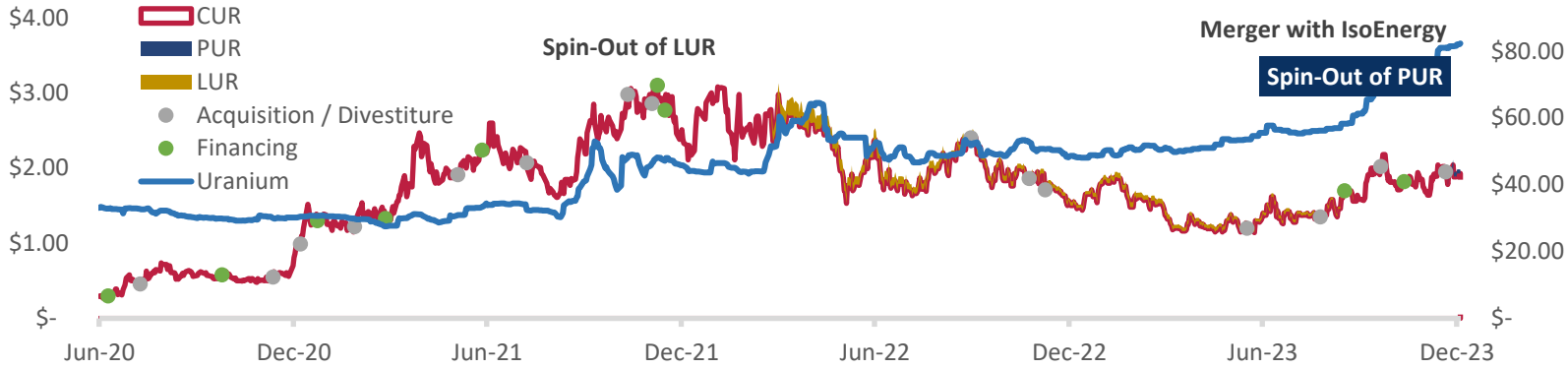
PUR was built by a team that has done it before

+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”

LEADERSHIP

Disciplined capital allocators with a strong track record in the uranium sector

BOARD OF DIRECTORS

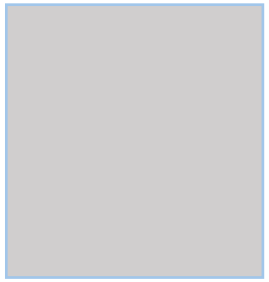
Tim Rotolo, Chairman
Co-founder of Sachem Cove. Founder of URNM, sold to Sprott

Marty Tunney
COO IsoEnergy, Mining Engineer

Daniel Nauth
Lawyer, specialized in M&A and Corporate Finance

Michael Harrison
Managing Partner Sprott

Michael Henrichsen
Structural Geologist, former Newmont



Jon Indall
Lawyer, specialized in shaping federal energy laws and policies

MANAGEMENT AND ADVISORS

Colin Healey, CEO
MBA, Mechanical Engineering Technician, former uranium analyst +20 years experience

David Suda, President
Capital markets professional
+15 years experience

Greg Duras, CFO
CPA, and public company CFO
+20 years experience

Jason Atkinson,
Corp Dev
Corporate Finance and M&A specialist
+10 years experience

Philip Williams,
Strategic Advisor
CEO IsoEnergy, former CEO Consolidated Uranium
+20 years experience

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

- ✓ Announced acquisition of AMPS
- ✓ Commenced trading on the OTCQB marketplace
- ✓ Completed private placement of $5.8M
- ✓ Updated Mineral Resource Estimate for Cebolleta, setting the stage for expansion drilling
- ✓ Strengthened Board, Management and Technical team with multiple appointments
- ✓ Completed acquisition of AMPS, bolstering leadership in the industry
- ✓ Summer exploration plan for Cyclone, Wyoming
- ● Fall exploration plan for Cebolleta, New Mexico
- ● Anticipated results from two exploration programs
- ● Portfolio building M&A

PREMIER
American Uranium

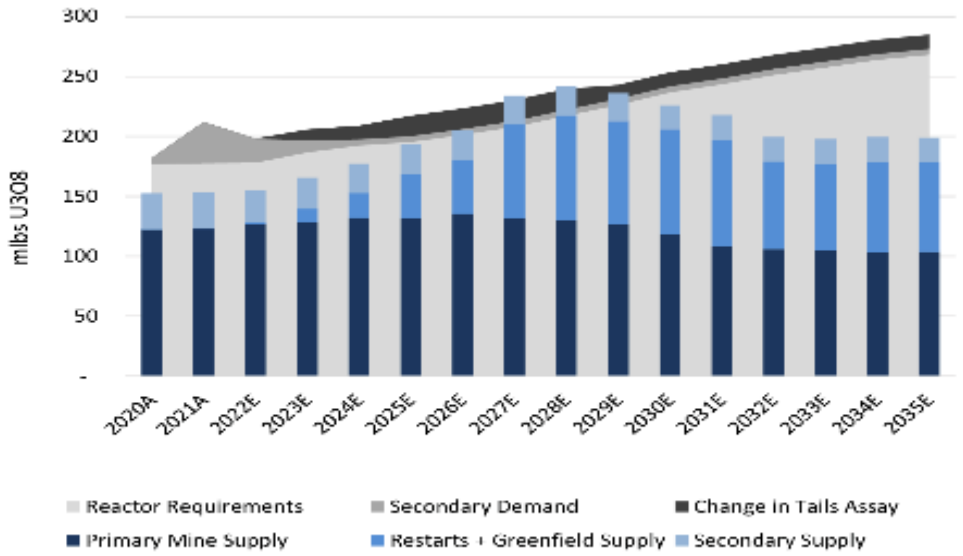
APPENDIX

URANIUM: FAVOURABLE SUPPLY & DEMAND DYNAMICS

Renewed period of long-term contracting may be the primary driver for higher prices as utilities focus on security of supply

The size of the deficit will necessitate higher cost mines (like those in the U.S.) previously thought uneconomic.

DEMAND OUTSTRIPPING SUPPLY



Source: UxC LLC, World Nuclear Assoc, Company Reports, Canaccord Genuity estimates

2023 was the best year in the last decade for contract volumes.

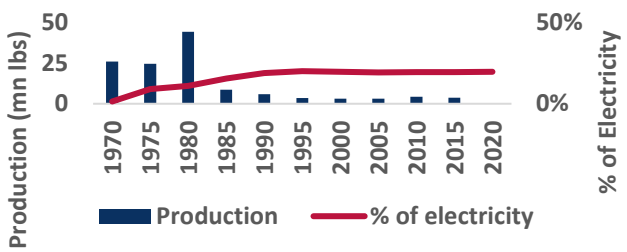
LONG-TERM CONTRACTING ON THE RISE

Source: Cameco, UxC

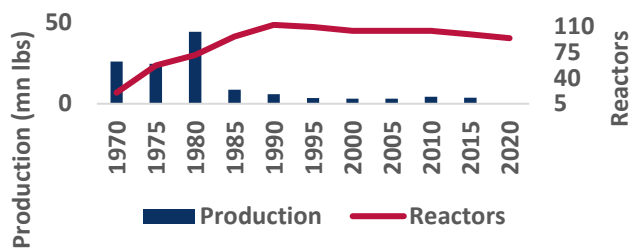
URANIUM: OPPORTUNITY IN THE U.S.

18.2% OF U.S. ELECTRICITY COMES FROM NUCLEAR POWER

U.S. PRODUCTION & NUCLEAR % OF ELECTRICITY

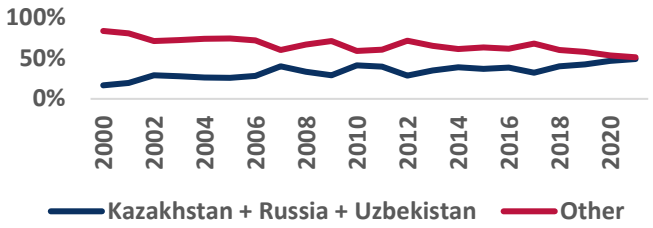


U.S. PRODUCTION & REACTORS

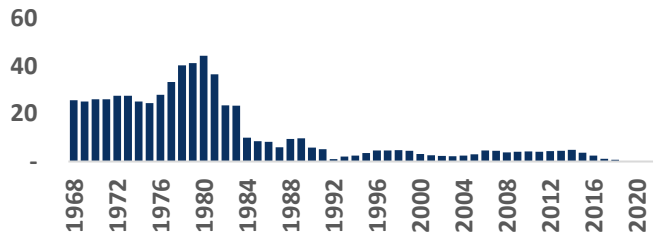


YET PRODUCTION IS DECLINING AND RELIANCE ON OTHERS IS INCREASING

U.S. UTILITY PURCHASES BY REGION AS PERCENTAGE OF TOTAL



U.S. MINE PRODUCTION (MN LBS U3O8)



URANIUM UNDERPINS U.S. ENERGY, HEALTHCARE AND MILITARY DOMINANCE

- Uranium plays a vital role in maintaining economic stability
- **Without existing supplies**, the nation would lack a critical component that powers much of the naval fleet, and over 20 million medical procedures
- 93 reactors operate in the U.S., **the most of any country**
- In 2022 alone, 470 million metric tons of carbon emissions were avoided because of nuclear.

1. U.S. Energy Information Administration: Form EIA-851A, *Domestic Uranium Production Report (Annual)*, and Form EIA-851Q, *Domestic Uranium Production Report (Quarterly)*
2. https://www.nei.org/resources/fact-sheets/u-s-nuclear-plants#:~:text=Across%20the%20United%20States%2C%2092
3. See "Cautionary Note Regarding Forward-Looking Information"

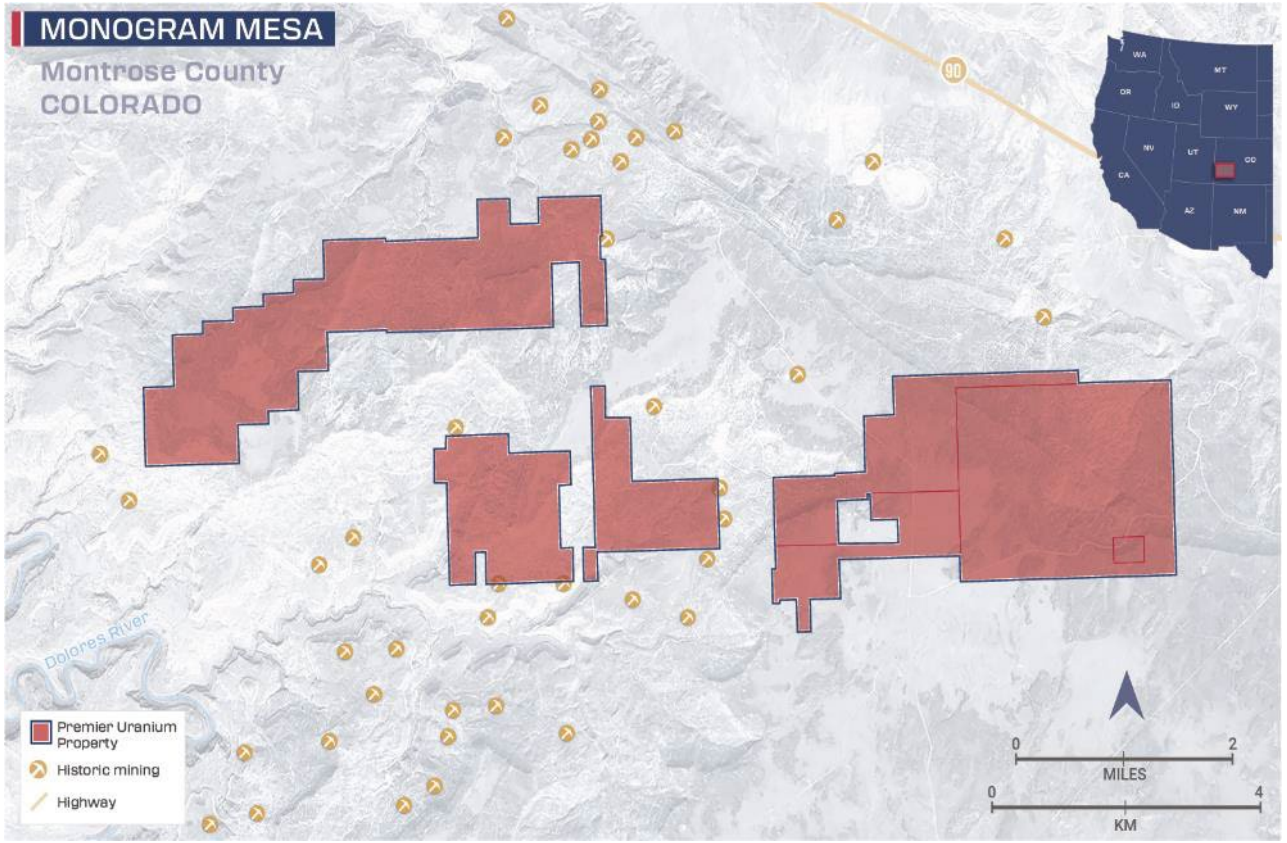
MONOGRAM MESA, COLORADO

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

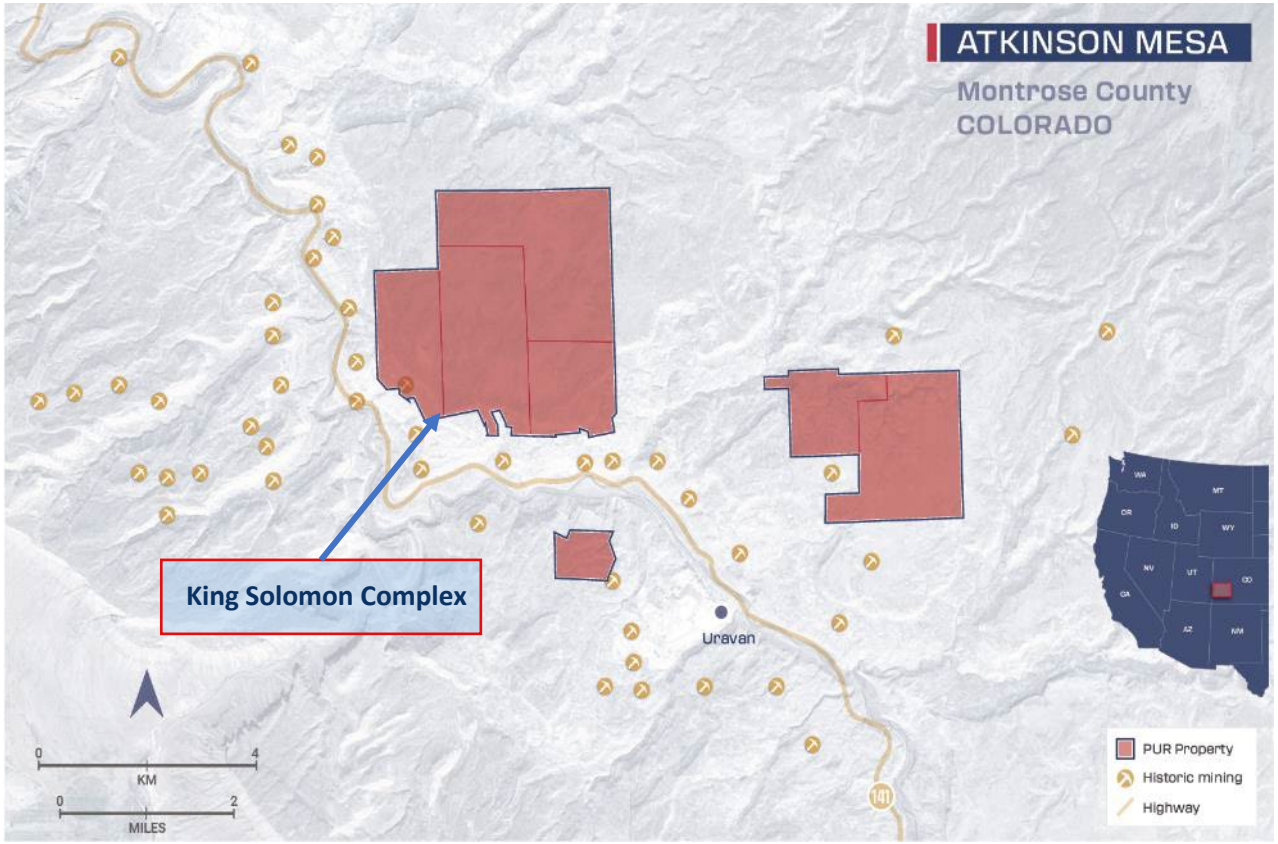
- 5,863 acres comprising: 172 mining claims and 4 DOE leases.
- Land package includes patented (fee simple) mining claims on the Dolores Bench
- Several small-scale mines on the project
- Large-scale underground mine [the King Solomon mine] developed in 1975[1]

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

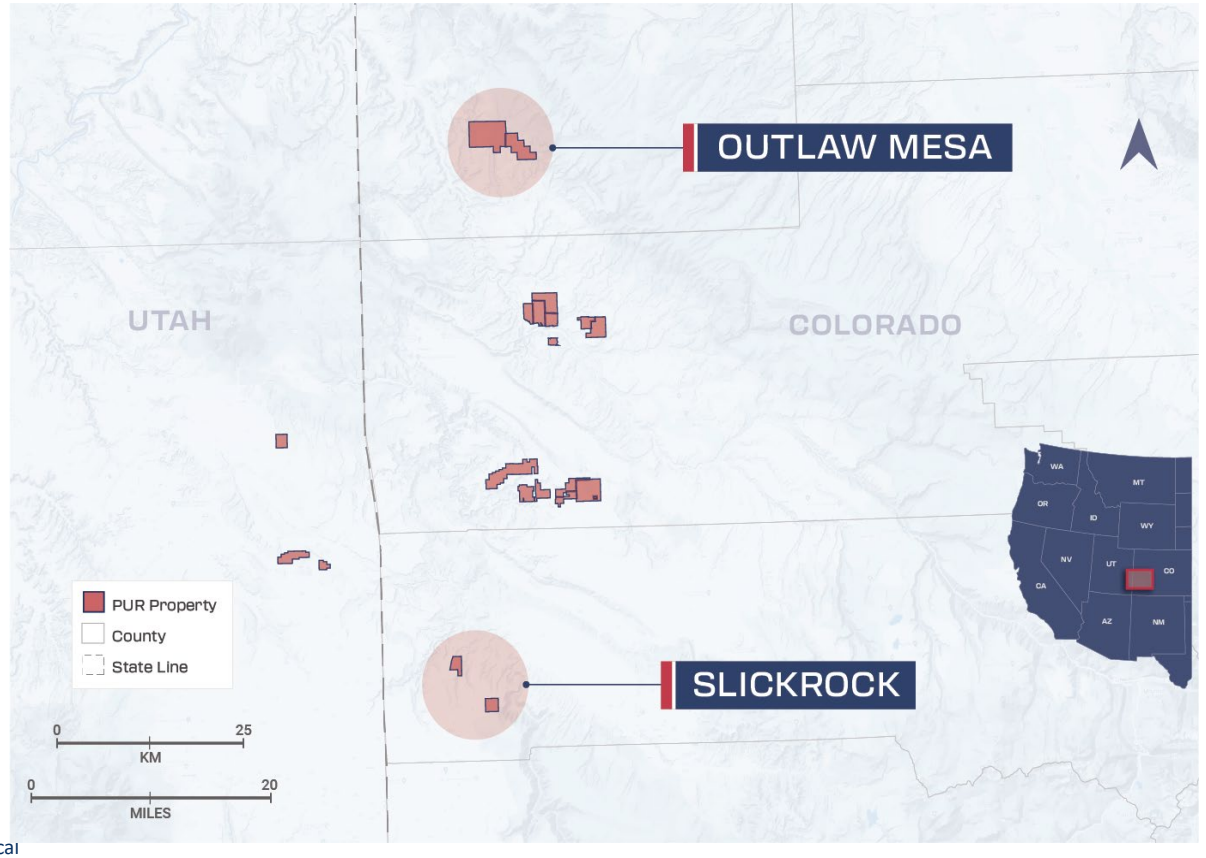
- Outlaw Mesa - Total project covers 5,759 acres with 2 DOE leases.
- Slick Rock - Total project covers 1,226 acres with 2 DOE leases.
- Historic production from multiple mines, including the well known:
  - Slick Rock
  - Calamity Mines
- All leases contain uranium & vanadium mineralization

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”.

ADDITIONAL INFORMATION

Sources for Slide 6

1. https://www.energy.gov/articles/restoring-americas-competitive-nuclear-energy-advantagee-nuclear-energy-advantage
2. https://www.energy.gov/ne/haleu-availability-program
3. https://www.congress.gov/bill/118th-congress/house-bill/1042
4. https://www.spglobal.com/commodityinsights/en/market-insights/latest-news/electric-power/120223-cop28-22-nations-pledge-to-triple-nuclear-generation-capacity-by-2050
5. https://www.energy.gov/articles/cop28-us-canada-france-japan-and-uk-announce-plans-mobilize-42-billion-reliable-global
6. https://www.bloomberg.com/news/articles/2024-03-03/us-reactor-fuel-makers-get-2-7-billion-boost-in-funding-bill

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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