

Advancing the Copper Mountain Uranium Project in Wyoming, USA

March 2024

CSE: M OTC: MYRUF FRA: C3Q



[MYRIADURANIUM.COM](https://myriaduranium.com)



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QUALIFIED PERSON

George van der Walt (MSc. Economic Geology, Pr.Sci.Nat.), a “Qualified Person” for the purpose of National Instrument 43-101, has reviewed and approved the scientific and technical information included in this presentation (the “Documents”). He has not verified all of the scientific or technical information in the Documents respecting historical operations on or adjacent to the Company’s projects as not all historical information is available.

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While there has been no recent development of the uranium deposits defined by RME, their metallurgical test work, undertaken in the late 1970's, indicated that the mineralization could be amenable to low cost mineral processing methods.

It is the author's opinion that the mineral resources at Copper Mountain are significant, and that this is a project of considerable merit.

- Neutron Energy (now part of enCore), Internal Report, 2010

If you're looking to invest in uranium, Myriad stands out as a top-tier junior:

- ❑ Two excellent, high-torque projects.
- ❑ U.S. uranium production to rise from 165,000 lbs/yr to 50,000,000 lbs/yr, focused on Wyoming. We are there.
- ❑ Myriad is 46% insider-owned, low share count.
- ❑ CEO is the 2nd-largest shareholder on NOBO and invests every round.
- ❑ Top-3 global uranium trading house is a shareholder.
- ❑ Management has a track record of building and selling companies.
- ❑ Technical team is comprised of leaders in their fields.

URANIUM

One pound of uranium can produce the same amount of power as 20,000 pounds of coal.

Stable baseload 10% global, 20% in U.S.

Zero carbon, COP28 3x.

Nuclear fuel is very inexpensive relative to hydrocarbons.

\$0.000015/kWh (breeder reactor)

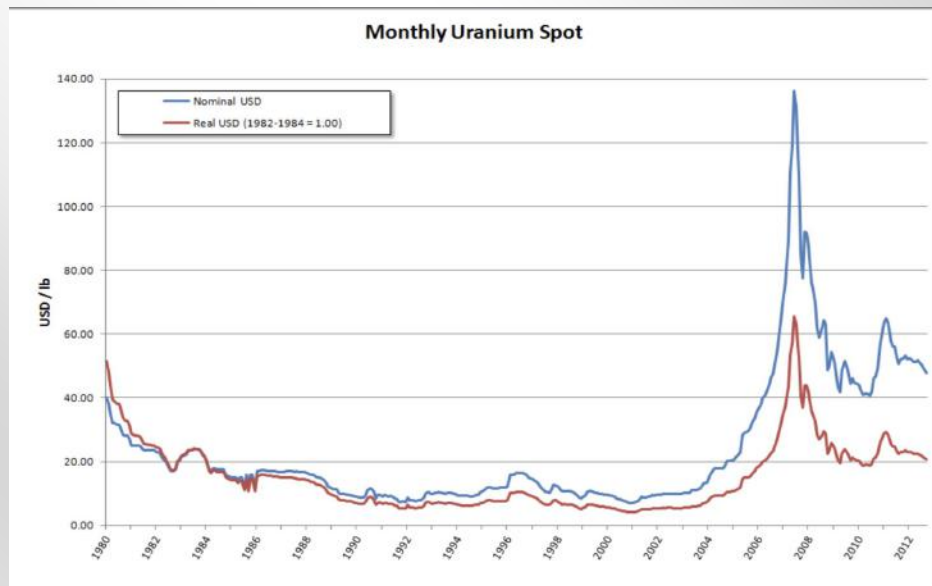
\$0.036 / kWh (coal)

Nuclear power releases less radiation into the environment than any other major energy source.

Small footprint.

Lowest mortality per terawatt of any major source.

URANIUM JUNIORS REPRESENT A UNIQUE OPPORTUNITY



Strathmore, a previous owner of, *inter alia*, part of our Wyoming project area during the last cycle (2007), went from

\$2m TO \$457m market cap

This is the stage of the cycle to invest in quality uranium juniors.

2007: URANIUM PRICE WENT FROM \$7 TO \$135 /LB (nominal)

WHY PRICES ARE RISING

Last time there was no supply deficit – there was a flood at a mine in Saskatchewan.

Now there is a massive structural supply deficit (Sprott forecasts \$150/lb in 2024, with limited relief until NexGen's Rook I produces in 2028).

Post-Fukushima there have been no new mines and uranium is difficult.

Inventories and “Megatons to Megawatts” gone.

Demand rising fast and buyers are price-immune.

“Panda hug” of Kazakhstan by China and Russia.



WYOMING URANIUM THESIS

We are at an exciting early stage in the uranium cycle.

Uranium price is rising fast (\$30 to over \$90/lb in 18 months).

Junior uranium equities will follow the majors upwards.

Last cycle, quality juniors like Myriad went parabolic.

U.S. consumes ~50,000,000 lbs of uranium per year but produces just ~165,000 lbs.

This is about to dramatically change as the U.S. focuses on securing domestic supply. \$2.7 billion recently approved.

A high proportion of U.S. investment will be deployed in Wyoming, the centre of the U.S. uranium sector.



WY Senator John Barrasso leads the push

WYOMING

Wyoming is the historic and also current centre of uranium mining in the USA.

3 of 4 current producing U.S. mines are in Wyoming.

Sen. John Barrasso (R-WY) is leading the charge to ban Russian uranium, increase US production, secure U.S. uranium independence.

Bipartisan support.

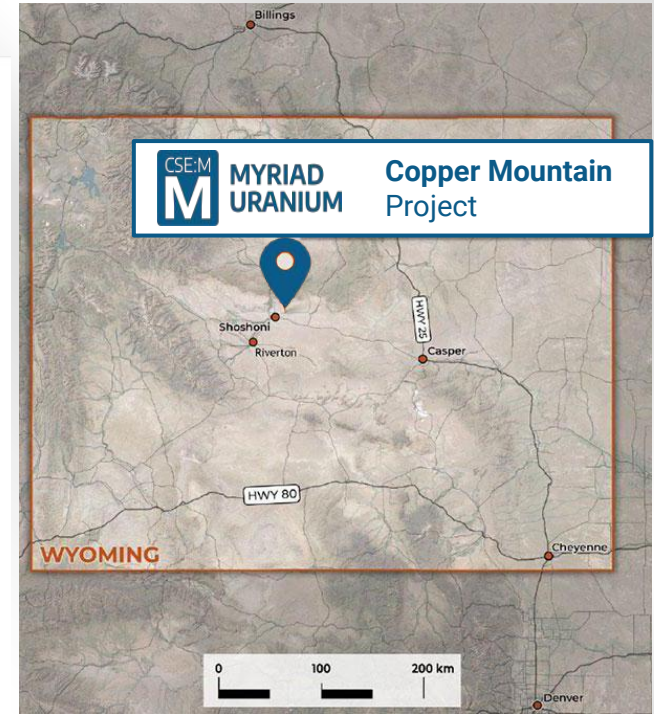
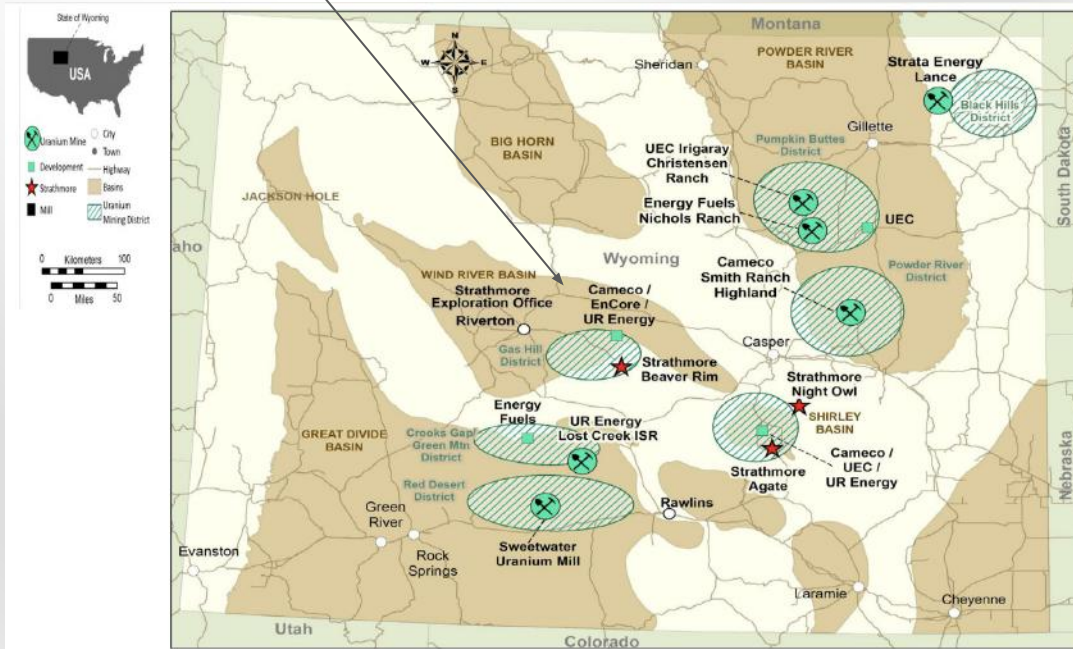




**Wyoming is a
mining-friendly
state with a history
of uranium mining
dating back to the
1950s**



COPPER MOUNTAIN, Wyoming, USA



MYRIAD: HIGH-TORQUE POTENTIAL

2 company-making projects

(1) Copper Mountain Uranium Project,
Wyoming

Union Pacific spent \$78m (2023\$) developing Copper Mountain in the 1970s.

It has one of the larger (historical) resources in the state of Wyoming. Nearly mine-ready in 1980. Excellent “brownfield” exploration potential.

(2) Tim Merso Basin, Niger

1,822 km sq on-structure and adjacent to several of the world’s largest uranium deposits.



THE COPPER MOUNTAIN URANIUM PROJECT

75% earnable interest; path to 100%.

It is the first time since 1982 that there is unified ownership of the entire project area.

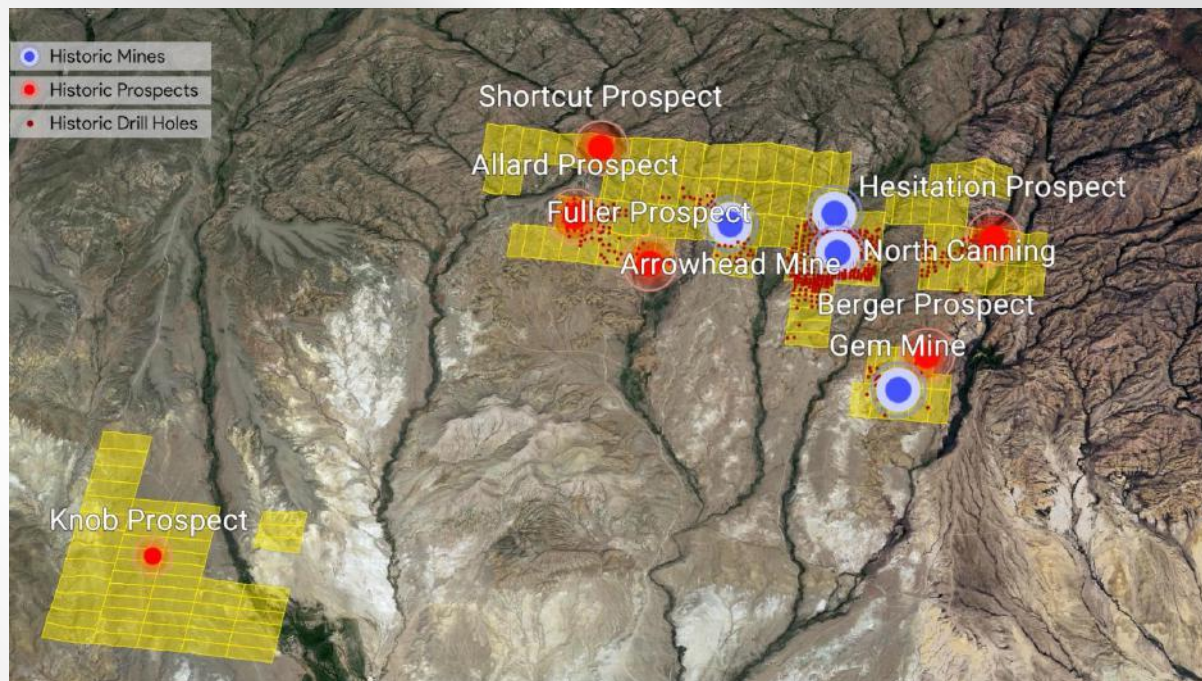
Union Pacific drilled 2,000+ boreholes, identified 6+ deposits, and was planning a mine centred on North Canning.

They estimated the potential of 2 of the deposits at up to 63.8 Mlbs, and estimated resources between 15.7 and 30.1 Mlbs (non-43-101).

Ore is highly leachable (~90-95% recoveries).

Historic and present-day experts cautiously optimistic re ISR.

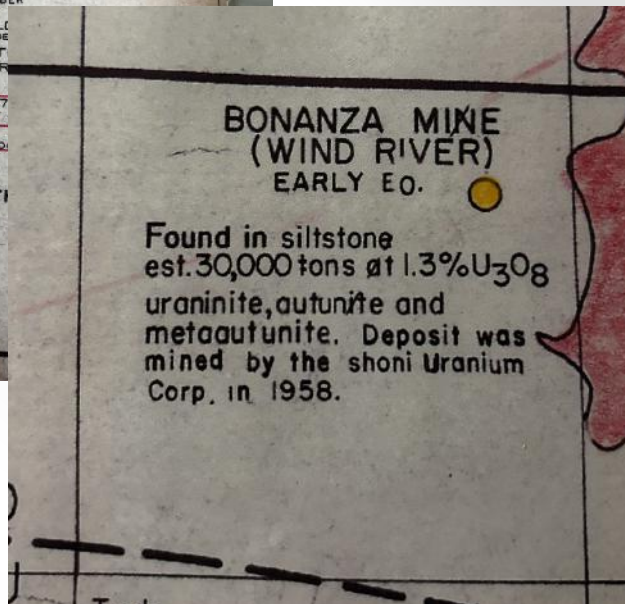
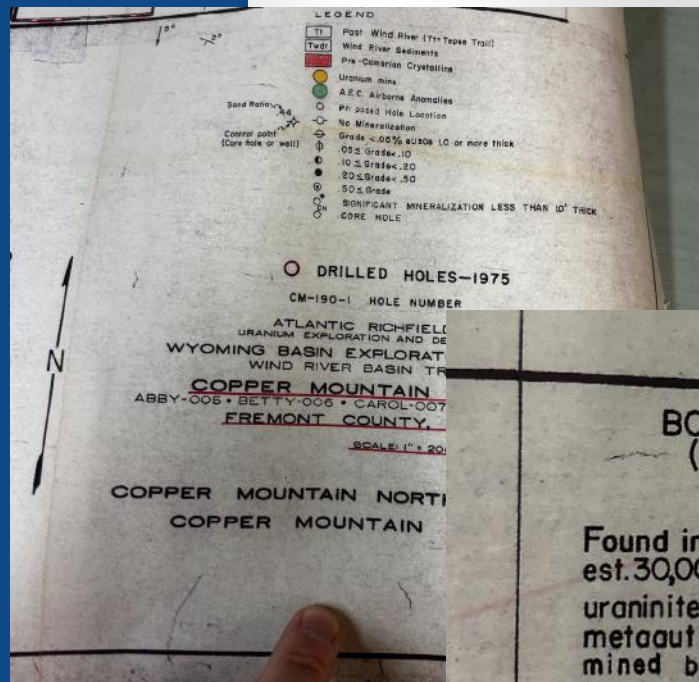
New Knob Prospect: target 0.5 Mlbs at 0.15% with significant potential for expansion (non-43-101).



Copper Mountain Uranium Project, Wyoming

We have obtained a vast paper-based data trove, mostly from the 1970s, which is enabling us to leverage Union Pacific's extensive work.

It is revealing drill results, resource estimates, deposit locations, and a large number of high grade targets at Copper Mountain.



POTENTIAL FOR MAJOR DISCOVERIES

50 ppm background in the granites.

“Modern” techniques could lead to new uranium discoveries.

Union Pacific in the 1970s was focused on medium grade bulk deposits. High grade structures not yet evaluated. They will be followed-up.

High grade is associated with amphibolite schists, a feature shared with Beaver Lodge (Athabasca) and other high grade districts globally.

New genetic models suggest a high chance for discovery of world-class deposits in both the hard rock and sandstone.

- Neutron Energy internal report, 2010.

Copper Mountain has world class potential in the “brownfield” exploration and expansion of the Copper Mountain district.

- Davis & Wilton



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The Copper Mountain Project

MINING POTENTIAL



Union Pacific had planned a mine at Copper Mountain but aborted in 1980 as prices fell.

Evaluated as a medium grade, very large volume deposit, with potential for open pit mining.

Potential for hub and spoke production from one or several open pit mines with a central processing plant.

Data confirms ore highly amenable to leach (mid-90s%), with ISR potential.

The Copper Mountain Project

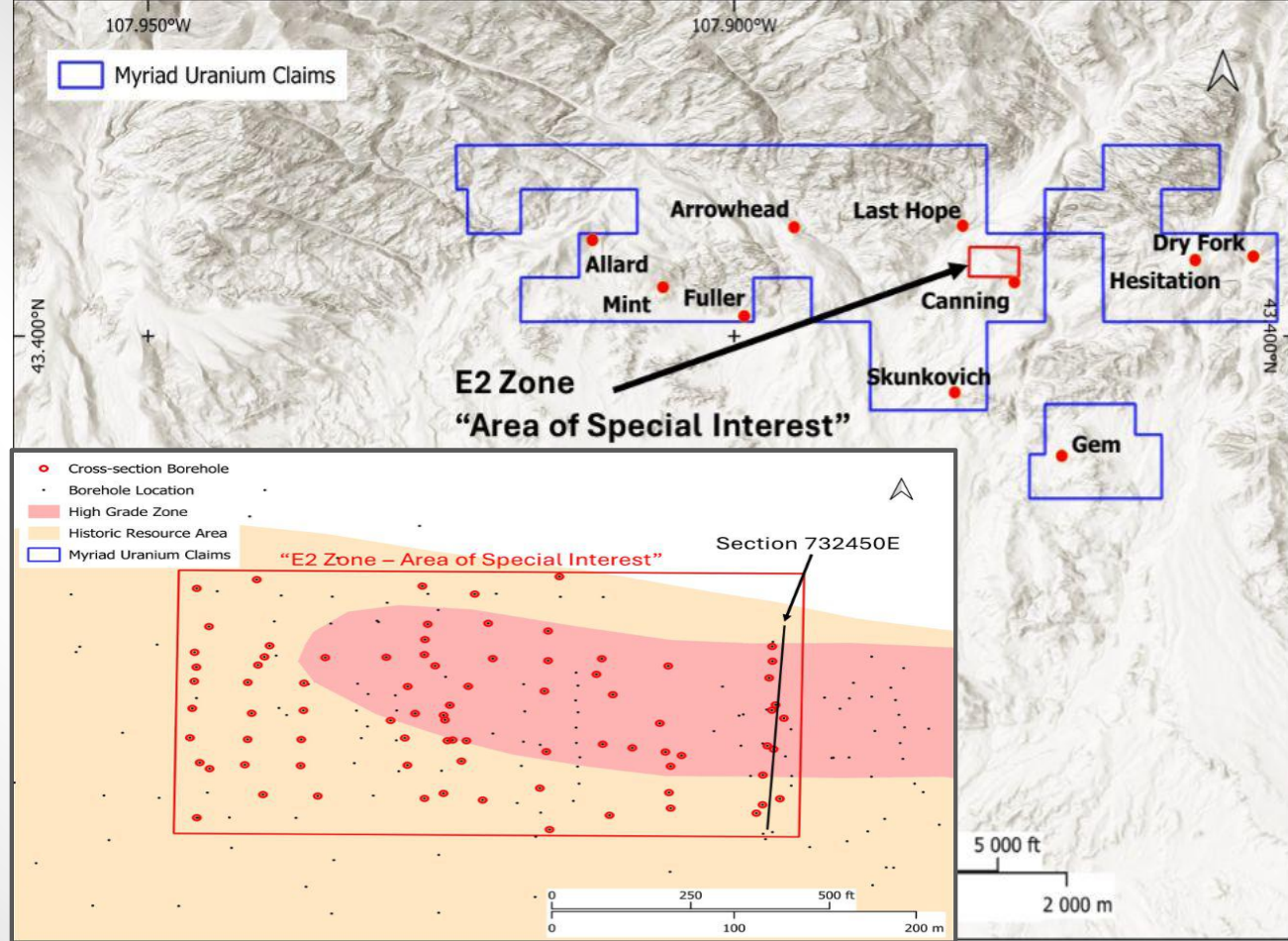
HISTORIC DRILLING

Significant historic eU_3O_8 high grade intervals recently announced.

The intervals relate to 82 boreholes drilled into the “High Grade Zone”, an area slated for open-pit mining by Union Pacific.

Results indicate high grade material is relatively close to surface and gives Myriad a clearer path to production than previously thought.

New understanding of uranium mineralization at Copper Mountain may lead to increases in grades and volumes in this zone and elsewhere.



The Copper Mountain Project

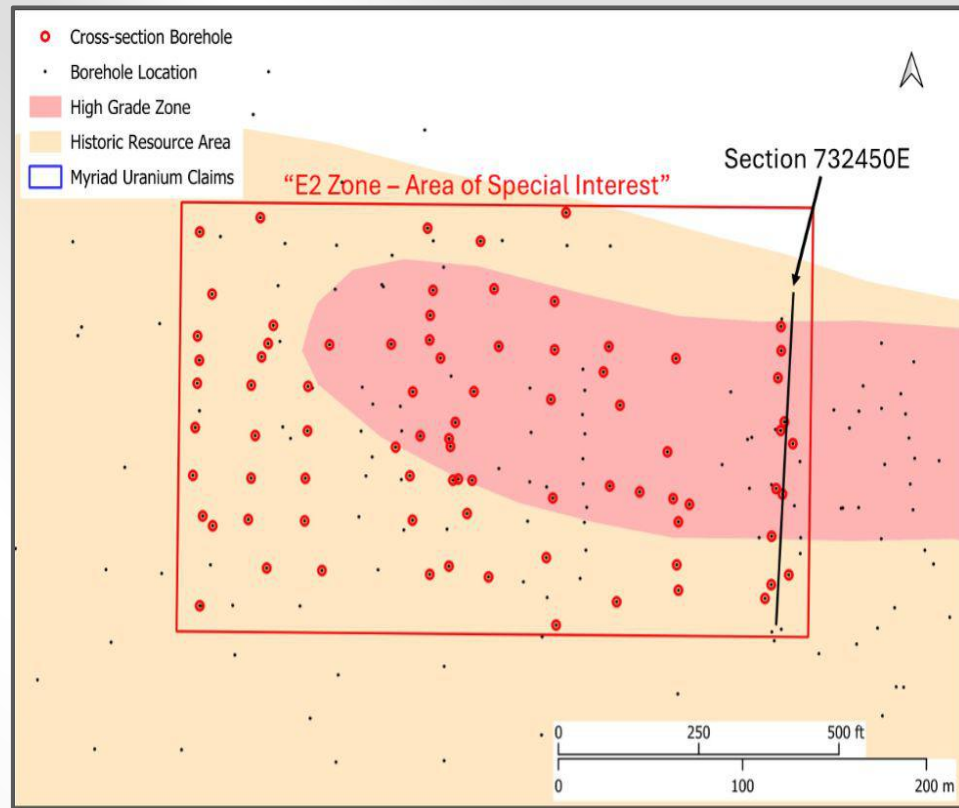
HISTORIC DRILLING

Union Pacific had intended the area to be the centre of a three-pit mine they were planning in the late 1970s.

The cross-sections include a significant number of high-grade intervals (up to 0.385% eU3O8) and many long, mineralized intervals (up to 291 feet).

Grade-Thickness (GT) products range from the minimum selected 0.3 ft% (equivalent to 0.1% over 3 feet) to 11.55 ft% (represented by 0.05% eU3O8 over 231 feet).

Within the data set compiled, there are 56 intervals >0.1% eU3O8 and 8 intervals >0.2% eU3O8.



BOOSTING DOMESTIC URANIUM SUPPLY

In March, 2024, U.S. Congress allocated \$2.7 Billion to fund the recently enacted 'Nuclear Fuel Security Act' (NFSA), its largest cash infusion into U.S. Uranium in decades.

The NFSA is intended to boost domestic U.S. production of enriched uranium and end reliance on imports from Russia.

The passage of the \$2.7 Billion NFSA funding brings the previously hibernating Uranium Reserve back into action, a program aimed at providing an emergency stockpile of uranium fuel in the U.S., while boosting domestic uranium production by U.S. miners.

Foreign imports currently provide nearly 100% of U.S. reactor fuel requirements. This will also put an end to backdoor funding of Putin's war on Ukraine.

U.S. uranium production will rise from 165,000 lbs/yr to 50,000,000 lbs/yr.

Wyoming, the center of the U.S. uranium sector, is about to boom.



Wyoming Uranium About To Boom As US Prices Rise

The uranium industry is riding a red-hot market. Miners want to reopen production lines throughout Wyoming, and perhaps hire hundreds to keep up with demand.

PM

Pat Maio

January 09, 2024 • 5 min read



Uranium Energy Corp. has been hiring for its Irigaray Central Processing Plant for uranium in Johnson County. Rising uranium prices are making it more economical to open up plants that have been in a caretaker status – commonly called “care and maintenance” in industry parlance. (Courtesy Uranium Energy Corp.)

Myriad Licenses in the Tim Mersoï Basin, Niger



The Tim Mersoï Basin has one of the world's largest uranium reserves, mostly occurring along the "Arlit Fault".



Myriad has 80% ownership of four licenses totaling 1800 km² - Agebout, Afouday, Tagait 2 & Tagait 3 - are all along the Arlit Fault (see diagram). Path to 100% ownership.



Multiple world-class uranium projects in the immediate vicinity, including Imouraren immediately adjacent and south of Agebout.



Imouraren is Orano's "mine of the future", at over 383.2 MLbs eU₃O₈.



Global Atomic's high-grade Dasa mine (over 250 MLbs U₃O₈) lies on Azouza Fault which runs directly into Afouday.

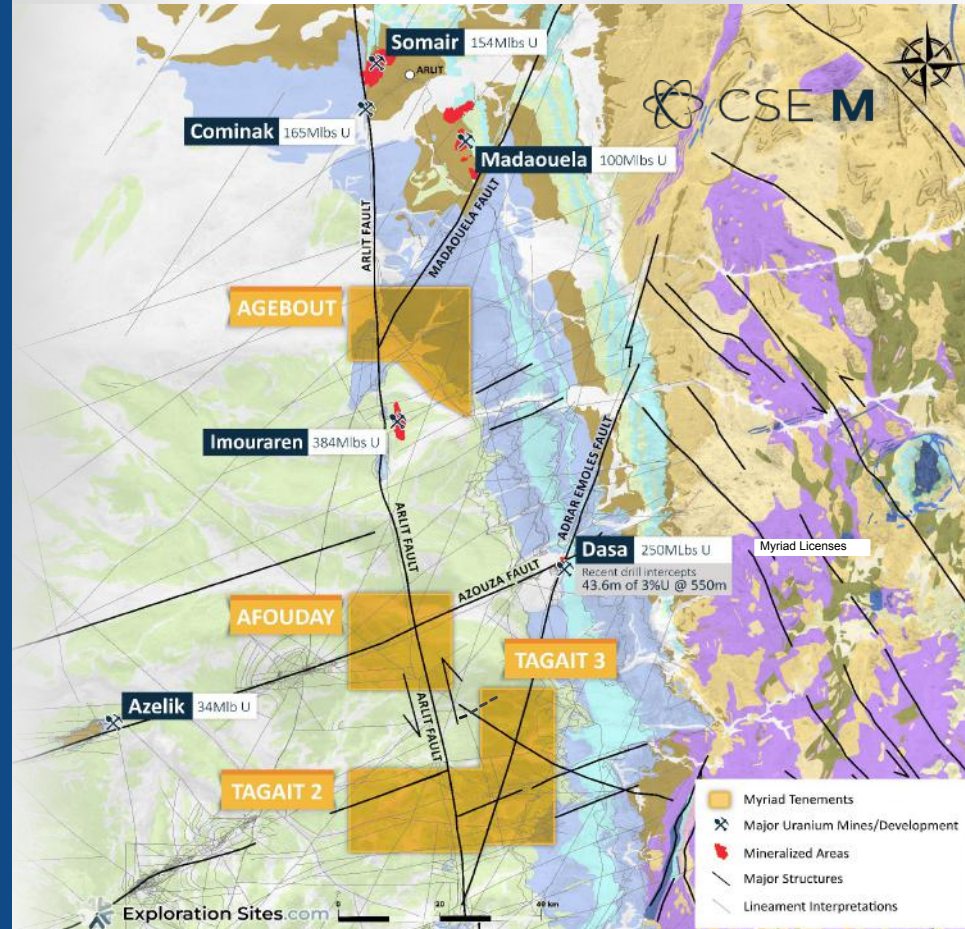


Game-changing intersections over 13% U₃O₈ announced by Global Atomic at Dasa.



As new discoveries in the Basin go into development, Niger is expected to reach 2nd in the world in uranium production.

<https://world-nuclear-news.org/Articles/Ten-more-years-for-Niger-uranium-project-says-Ora>
Mamane Mamadou, M. et al. "The Tim Mersoï Basin Uranium Deposits (Northern Niger): Geochronology and Genetic Model." Ore Geology Reviews, vol. 145, 2022, p. 104905, <https://doi.org/10.1016/j.oregeorev.2022.104905>.



Agebout Targets



Numerous radiometric anomalies.



39 boreholes at ~800 m centres to shallow depths.



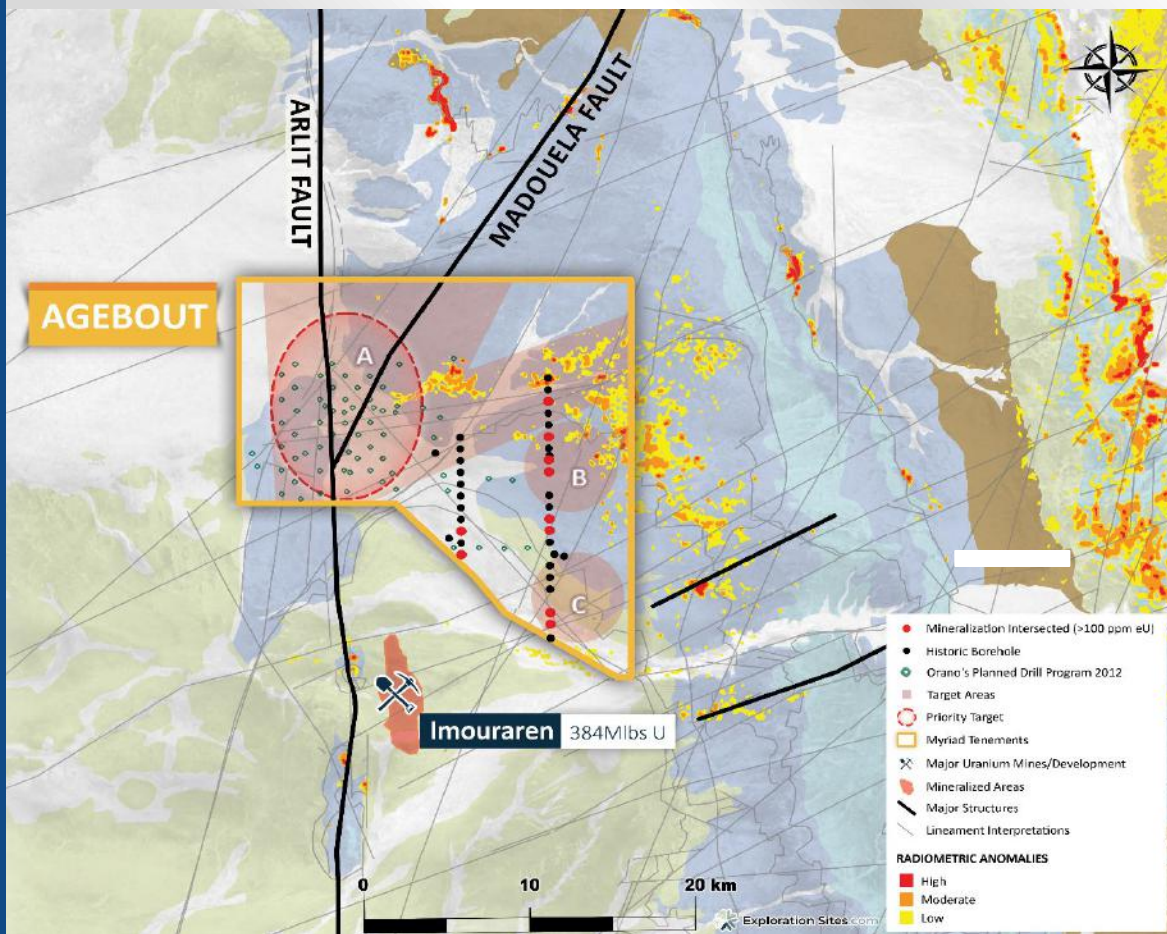
Known major fault zones were not fully tested.



Nevertheless 10 of those boreholes intersected mineralized intervals in excess of 100 ppm eU.



Prime targeting locations indicated.



APPENDIX: Afouday Targets



94 boreholes at ~800 m centres.



Prime locations along Azouza not fully tested.



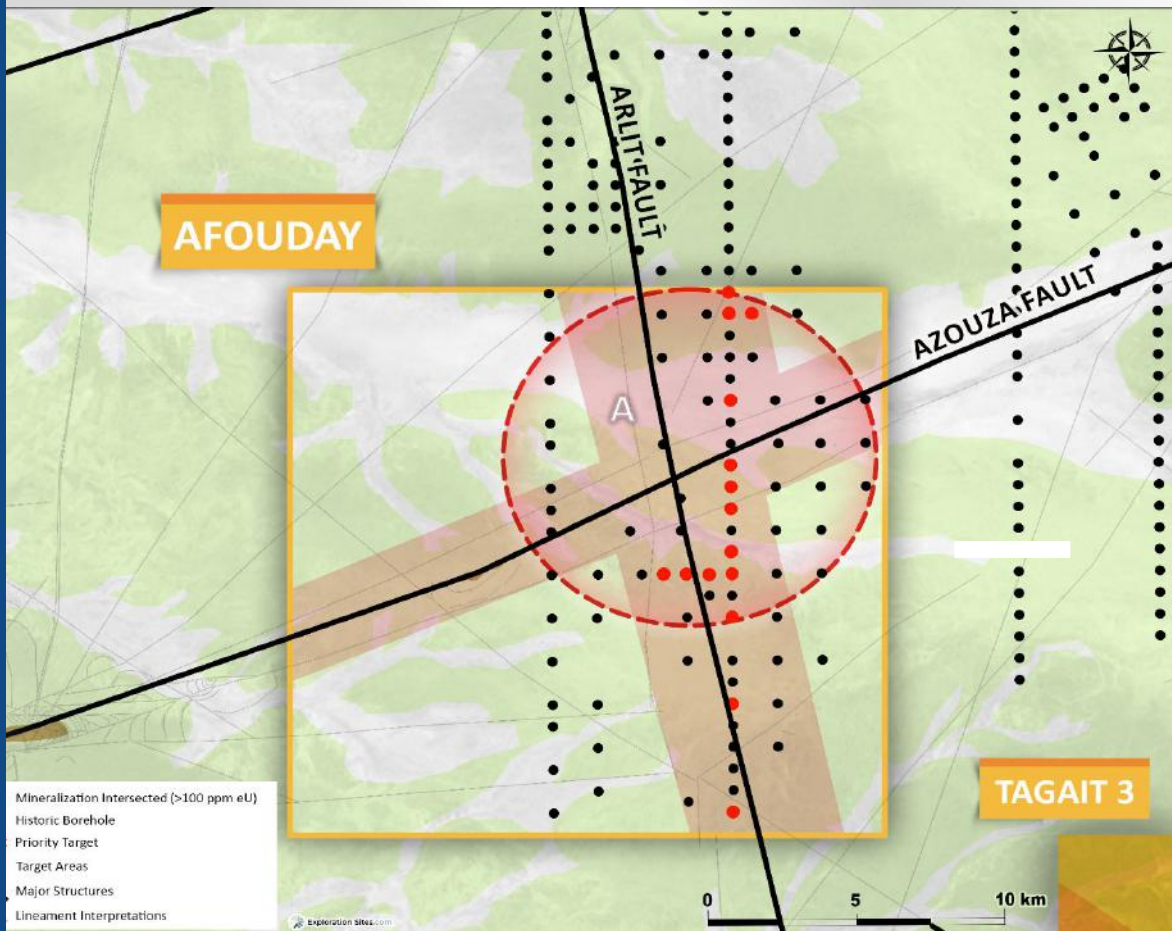
No holes drilled to Dasa depths.



15 of 94 intersected in excess of 100 ppm eU.



U seems to increase with depth.



GOING FORWARD

Leverage our proprietary historic data sets to add known deposits and high-grade areas (ongoing).

Example: Knob Deposit, which historic data identifies as highly prospective.

Acquire and generate additional data based on new geological models.

Bring historic resources current, expand, and increase grade: mapping, sampling, geophysics, drilling planned.

ISR testing.

Monitor Niger. Projects there are company-makers in themselves.

Neighbour GLO (300 Mlbs Dasa) was \$0.22 5 years ago – we want to follow.



CAPITAL STRUCTURE

Shares issued & Outstanding	34.2 M
Options	5.1 M
Warrants	11.9 M
Fully diluted shares	51.2 M

Myriad's focus on minimal dilution has resulted in a very tight share structure.

No cheap stock.

46% insider ownership.

Cap table includes a global top-3 uranium trading house.



Photo: Plant Vogtle (Credit: Georgia Power)

LEADERSHIP



Thomas Lamb
CEO, Board Member,
Technical Committee

Graduate of London Business School, holding MSc, JD, and BA degrees.

20 plus years of pubco experience, many of those specific to exploration in Africa.

Co-founded M2 Cobalt (sold to Jervois Global), Goldgroup, Rift Copper, and J2 Metals.

Former Jervois executive. Speaks French, English and Russian.



George van der Walt
QP, Technical Committee

Senior Economic Geologist with significant uranium experience.

Managed the exploration and development of Peninsula's vast Karoo uranium project in RSA.

His experience includes exposure to Bushveld Complex PGE-Cu-Ni, lithium and rare metal pegmatites, and more.

Serves as a Geological Operations Manager at The MSA Group, a multinational consulting group.



Nelson Lamb
CFO

CPA, CA, experienced in corporate finance, financial reporting, and strategic planning.

Bachelor of Commerce from the University of Victoria.

CPA, CA designation while working at PricewaterhouseCoopers.

Manager of Accounting Services at Pubco Reporting Solutions Inc., a boutique accounting and consulting firm, 2015-2021.



Daye Kaba
Board Member

Partner at Asafo & Co., an Africa-based international law firm.

Mr. Kaba previously worked as a partner at McCarthy Tetrault LLP and Fasken Martineau DuMoulin LLP in Toronto and Coudert Brothers LLP in Paris.

Received his JD from the University of Michigan and is called to the New York bar and the Ontario bar.

He is fluent in English, French and Portuguese.



Cyril Amadi
Board Member

20 years of experience in the mining industry as an engineer, banker and advisor.

Worked on debt advisory, technical risk analysis, modelling and structuring of mining finance transactions with leading institutions such as Endeavour Financial, WestLB and Unicredit.

Bachelor of Science degree in Engineering

MBA from the Freiberg University of Mining in Germany.



Tom Lee
Board Member

Co-founder and President of Canid Capital, a prominent capital markets consulting firm based in Toronto.

Worked on an institutional equity sales desk where he developed significant business relationships with institutions and issuers across Canada and the USA.

Proven results driver having been involved in over \$1B in transactions.

CSC and CPH designations with the Canadian Securities Institute.

LEADERSHIP



Fred Bonner
Board Member,
Technical Committee

A leader in environmental stewardship and socially responsible exploration.

P. Geo. (QP), and Fellow of Geoscientists Canada and a Fellow of the Society of Economic Geologists.

BSc in Geology and Masters Degrees in Applied Science and Urban and Rural Planning.

Extensive experience in corporate governance, risk assessment and mitigation, working in communities.



David Miller
ISR Expert, Technical Committee

Professional economic geologist and previous Wyoming politician.

Primarily focused in uranium exploration, development, and mining.

Senior roles at producers Utah International, Orano and Strathmore Minerals (CEO).

A recognized expert in the nuclear and energy fields, and in ISR/ISL extraction.

Featured in the New York Times, BBC, CNBC, CNN, as a uranium expert.



Adamou Ousemane
Technical Committee

Commander of the National Order of Merit of the Republic of Niger, one of Niger's highest honours.

Uranium geologist.

Previously Director General of Geology and Senior Advisor to the Minister of Mines.

Made significant contributions to the industrial heap leaching program of the COMINAK mine. Led the IAEA's NER 3002 project



Michael Cantey
Technical Committee

Principal Consultant & Geologist with over 18 years' experience in exploration and development of mineral deposits across Africa.

Coordinated projects from grassroots exploration to Bankable Feasibility Studies.

Member of the Australian Institute of Geoscientists and the West African Institute of Mining, Metallurgy and Petroleum.



Ron Halas
Technical Committee

Canadian Mining Engineer COO of Global Atomic Corp 2020-2023, where he advanced the Dasa deposit from PEA to mine development in 2.5 years.

He has intimate knowledge of Dasa's geology and extensive experience operating in the Tim Mersoï Basin.

Previously Operations Director and Acting GM at Kinross' Tasiast gold mine in Mauritania, leading 3,000 employees and contractors.



Jim Davis
Technical Committee

Renowned geologist, pre-eminent authority on Copper Mountain. Worked with Union Pacific, Freeport, Kennecott, IAEA, and others.

Educated at Univ. of Wyoming and MIT.

Led Union Pacific's exploration of Copper Mountain during the 1970s.

Discovered the Arrowhead Uranium mine, Reno Creek, and others.

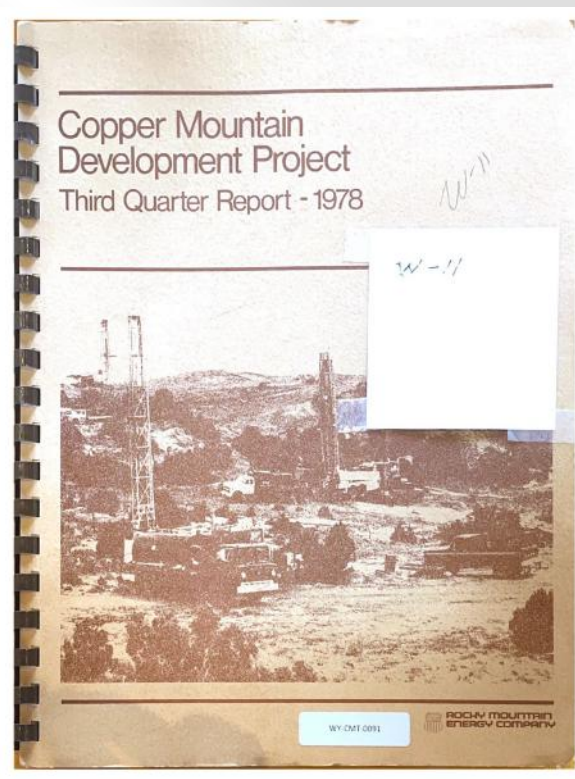
PROPERTY OPTION DETAILS

- **Property Option Agreement** signed by Myriad Uranium Corp. and Rush Rare Metals on October 18, 2023.
- **75% earnable interest.**
- **\$1.5M spend** within 2 years to earn 50%, \$4M within 4 years to earn 75%.
- **Switch to 75/25 Joint Venture** upon completion of spend requirements.
- **Upfront payment** of \$135,000 (paid).
- **Upfront share issuance** of 575,000 common shares to Rush (issued).
- **\$150,000** in Myriad shares payable at 1st anniversary, **\$250,000** in shares payable at 2nd anniversary.
- Upon completion of a **Preliminary Economic Assessment or Prefeasibility Study**, \$2,500,000 in shares issued to Rush
- First C\$50 million in net proceeds of production to be shared 50/50 (or equivalent economics).
- For more details, see Myriad's [Oct 20, 2023 News Release](#).



MYRIAD URANIUM THESIS

1. This is a high torque opportunity because the Wyoming transaction was agreed before the parties understood the project's enormous uranium endowment (estimated resource of 15-30 Mlbs, target of 63.8 Mlbs) and its significant exploration upside. This has not yet been reflected.
2. The market's "weighing machine" will take hold.
3. Niger projects are on-structure and adjacent to Imouraren (380 Mlbs), Madaouela (100 Mlbs), Dasa (300 Mlbs), representing a world-class "kicker".
4. Myriad has a low share count (34.2m) and high insider ownership (46%).
5. Management has a track record of building and selling companies.
6. Technical team has worked with leaders Orano, Areva, Peninsula, Freeport, Kennecott.



Thank You!

Please follow us on social media and please reach out to me any time with questions or to learn more about our plans at Myriad Uranium.


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President and CEO

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