

STRATHMORE PLUS URANIUM CORP.

Wyoming Based Uranium Explorer



STRATHMORE
URANIUM

Disclaimer

This presentation contains certain “forward-looking statements” within the meaning of applicable Canadian securities laws. Forward-looking statements can generally be identified by the use of forward-looking terminology such as “may”, “will”, “expect”, “intend”, “estimate”, “anticipate”, “believe”, “continue”, “plans”, “propose”, “potential” or similar terminology. Forward-looking statements in this presentation include, but are not limited to, statements and information related to the potential and demand of nuclear power and uranium; the proposal, planning and construction of nuclear power sites; government support and investment in nuclear energy; the advantages of small modular reactors; the use of survey and technical information; the plans and objectives of Strathmore Plus Uranium Corp. (the “Company”) with respect to the Company’s properties, including with respect to exploration, future drilling programs and costs; and other statements regarding future plans, expectations, projections, objectives, estimates, guidance and forecasts, as well as statements as to management’s expectations with respect to such matters. Any reference to ISR mining is conceptual only as no work to support any mining method has yet been done. Forward-looking statements are not historical facts and are made as of the date of this presentation. These forward-looking statements involve numerous risks and uncertainties, and actual results may vary. Important factors that may cause actual results to vary include without limitation, risks related to the ability of the Company to accomplish its plans and objectives within the expected timing or at all, including the timing and receipt of certain approvals, changes in uranium prices, changes in demand for nuclear power and uranium, changes in interest and currency exchange rates, risks inherent in exploration estimates and results, timing and success, inaccurate geological and metallurgical assumptions and ISR mining assumptions (including with respect to the size, grade and recoverability of mineral reserves and resources), cost escalation, unavailability of materials, equipment and third party contractors, delays in the receipt of government approvals, industrial disturbances or other job action, and unanticipated events related to health, safety and environmental matters, political risk, social unrest, and changes in general economic conditions or conditions in the financial markets. In making the forward-looking statements in this presentation, the Company has applied several material assumptions, including without limitation, the assumptions that the Company will be able to accomplish its plans and objectives with respect to the properties within the expected timing; market fundamentals will result in sustained uranium demand and prices; the receipt of any necessary approvals and consents in connection with the development of any properties; and the availability of financing on suitable terms for the planned activities and development of the properties. The actual results or performance by the Company could differ materially from those expressed in, or implied by, any forward-looking statements relating to those matters. Accordingly, no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what impact they will have on the results of operations or financial condition of the Company. Except as required by law, the Company is under no obligation, and expressly disclaim any obligation, to update, alter or otherwise revise any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future events or otherwise, except as may be required under applicable securities laws.

The geophysical results are based on equivalent uranium (eU_3O_8) of the gamma-ray probes calibrated at the Department of Energy’s Test Facility in Casper, Wyoming. A geophysical tool with gamma-ray, spontaneous potential, resistivity, and drift detectors was utilized. The reader is cautioned that the reported uranium grades may not reflect actual chemical concentrations due to the potential for disequilibrium between uranium and its gamma emitting daughter products. The scientific and technical information in this presentation has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“NI 43-101”) and reviewed and approved on behalf of the Company by Terrence Osier, P.Geo., Vice President, Exploration of Strathmore Plus Uranium Corp., a Qualified Person for the purposes of NI 43-101.

World Energy Crisis

“Elected officials on both sides of the aisle, climate and sustainability advocates, and the general public are increasingly recognizing the value of nuclear energy deliveries, not only for its unmatched 24/7 reliability, but for its positive environmental impact as a clean energy resource.”

March 2024

-Constellation Energy Corp (US Nuclear Power Operator)



Facing Energy Crisis, Germans, Warily, Give Nuclear a Second Look

-New York Times

Global Energy Crisis Spurs a Revival of Nuclear Power in Asia

-Bloomberg

Japan Turns Back to Nuclear Power in Significant Policy Shift as Fuel Prices Soar

-CNN

Projection: COP28 - Nuclear to **Triple** by 2050

TSX-V: SUU

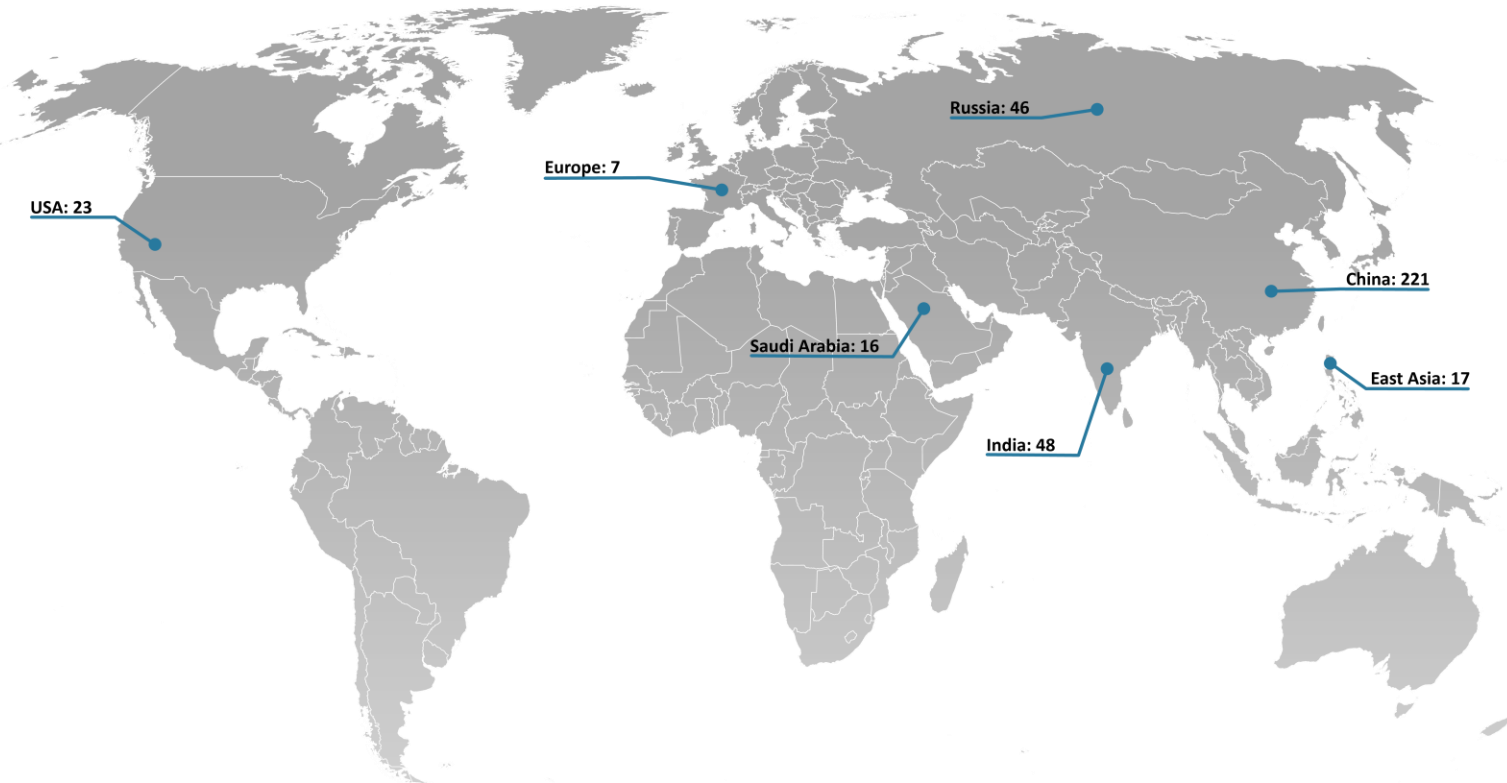
OTC: SUUFF

FRA: TO3

The U.S. and more than 20 other countries pledged to **triple nuclear power by 2050** to achieve net-zero carbon emissions and limit climate change. *COP28 '23

Demand for uranium is expected to rise by **127%** by 2030 and **200%** by 2040.

Creating a **~240Mlbs.** deficit in 2040 that will continue to widen** as growth in annual demand of 180-190mlbs is expected to triple by 2050***.



439

IN OPERATION

64

UNDER CONSTRUCTION

88

PLANNED

344

PROPOSED

Builds at 25-year high

More reactors operating now than in any other time in history

Most Japanese reactors coming back online due to strong regulator support

Middle East (home of Big Oil) aggressively securing nuclear energy supply



Nuclear Reactors: Builds are at an all-time high.

Countries all over the world are realizing that nuclear is the optimum choice for clean, affordable base load energy. The world is moving to nuclear as the only alternative to produce, clean, affordable, base load energy. Geopolitical issues are having a negative impact on supply. The current uranium shortfall is forecast to be approximately 75-100M lbs.



EVs: The electrification of motor vehicles will require more energy.

As electric vehicles continue to grow in popularity more energy will be required to support the industry. Electric vehicle manufacturers such as Tesla continue to see strong earnings as they grow and expand.



AI: Amazon, Meta and Microsoft are all working on artificial intelligence.

According to Bloomberg, the number of data centers has nearly doubled in the last 10 years. These centres consume as much electricity as Italy. Microsoft has recently signed a deal to help restart 3-Mile Island nuclear power plant. The company has agreed to purchase the entire generating capacity from 3-Mile for the next 20 years. Amazon and Meta are also pursuing power facilities to help power their AI.



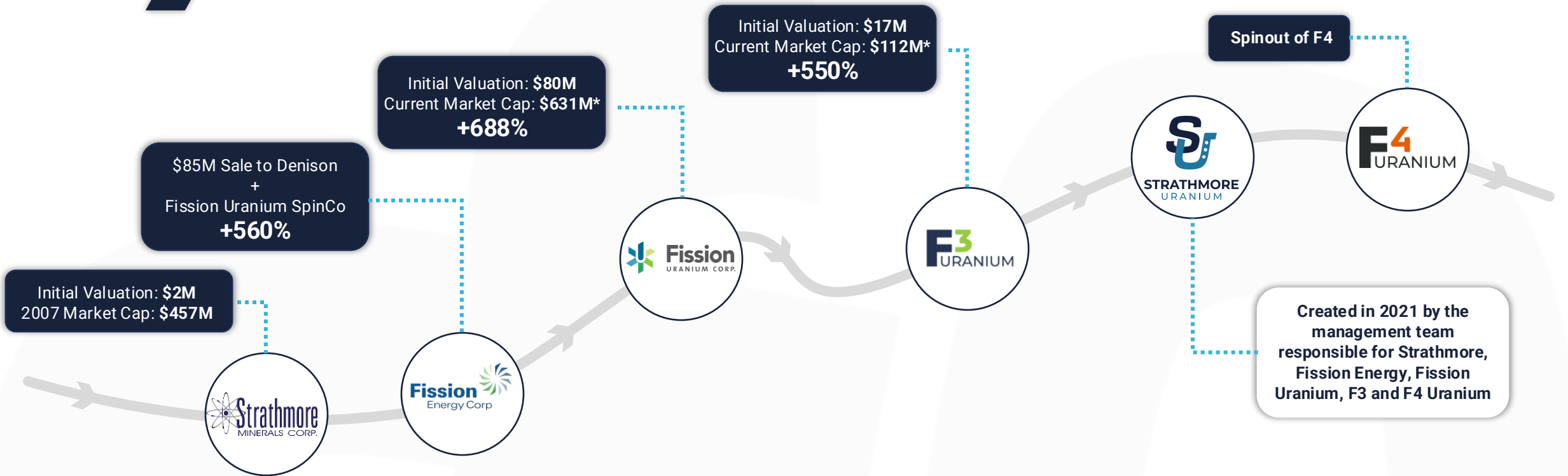
Small Modular Reactors (SMRs): Major catalyst for nuclear energy.

Amazon has signed three new agreements to support the development of nuclear projects including the construction of new SMR's. Rolls-Royce has been backed by a consortium of private investors & UK gov. (\$276 million) to develop SMR's

A market poised for an **unprecedented uranium cycle.**

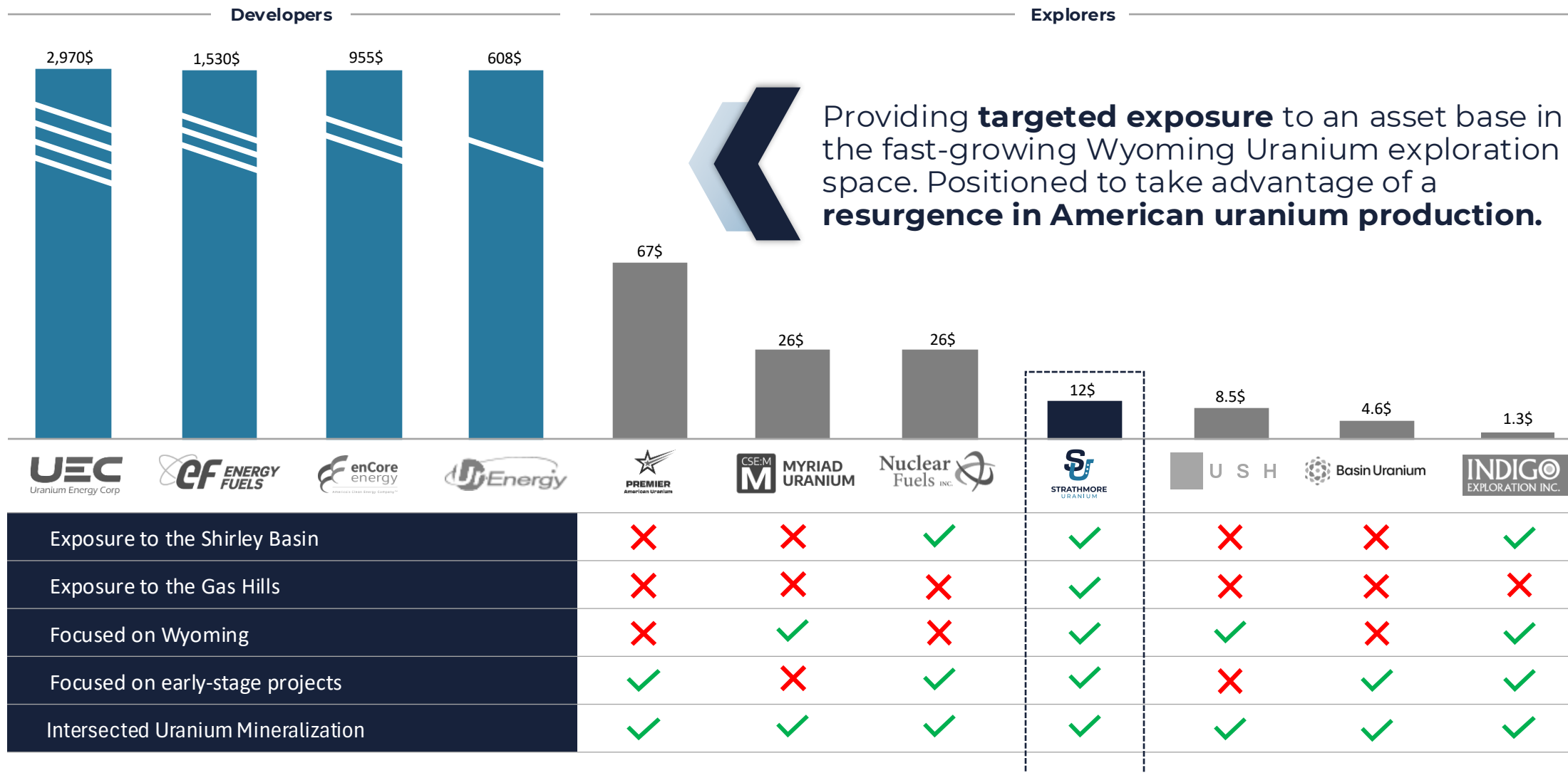
BUILDING SHAREHOLDER VALUE SINCE 1996

Strathmore's management team has a history of **creating value** in uranium exploration. Starting in 1996 this team has been responsible for uranium **discoveries** in both Canada and the USA.



*Market Cap on November 13, 2024

Exploration Upside



Award Winning Management Team

Strathmore's CEO **Dev Randhawa** has won many prestigious awards in Canada's mining industry. He was behind the Waterbury (unconformity model) and the Triple R (basement-hosted model) uranium discoveries in the Athabasca Basin, Canada, as well as F3's most recent JR zone discovery at PLN.

John Dejoia, one of the most experienced uranium geologists in the US, helped to acquire all of Strathmore's projects. John has overseen the mining of over 20 million lbs of uranium in Wyoming and has been in the industry for almost 50 years.



WHY WYOMING?

Production:

Second highest uranium producing state historically.

Geology:

Geologic basins conducive to uranium deposits

Mining:

Uranium deposits suitable for in-situ recovery (ISR).

Jurisdiction:

Mine friendly jurisdiction with simple permitting process.

Environment:

Suitable for easy ISR recovery and remediation.

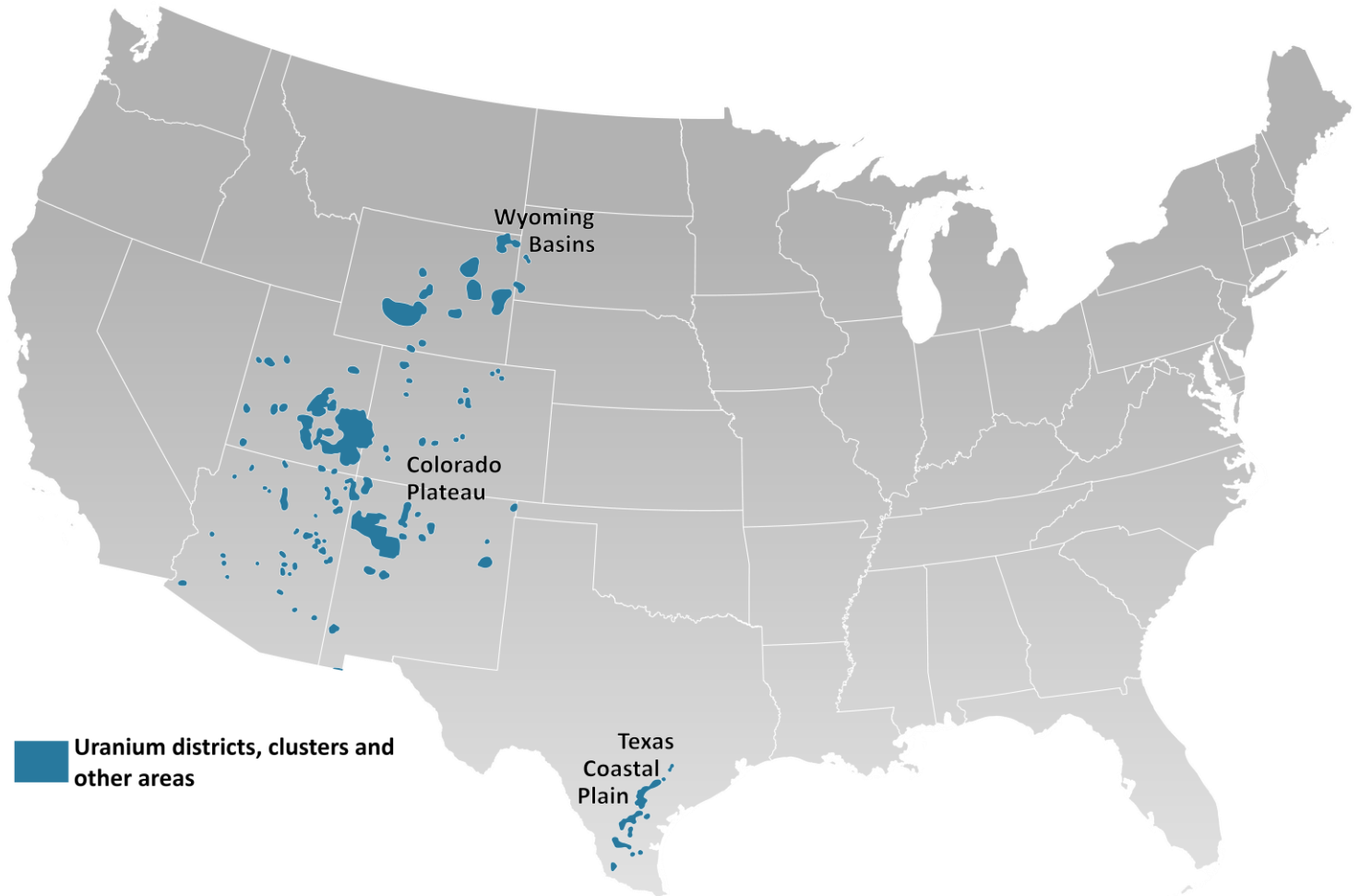
Wyoming: A Leading U.S. Uranium Producer

70+
Years of Mining

250+ LBS
Mined

Jurisdiction Wyoming has historically been the largest producer of Uranium in the US. In 2018 it produced 78% of all U.S. Uranium.

Cost
Drilling costs in Wyoming are significantly lower compared to the Athabasca Basin in Canada



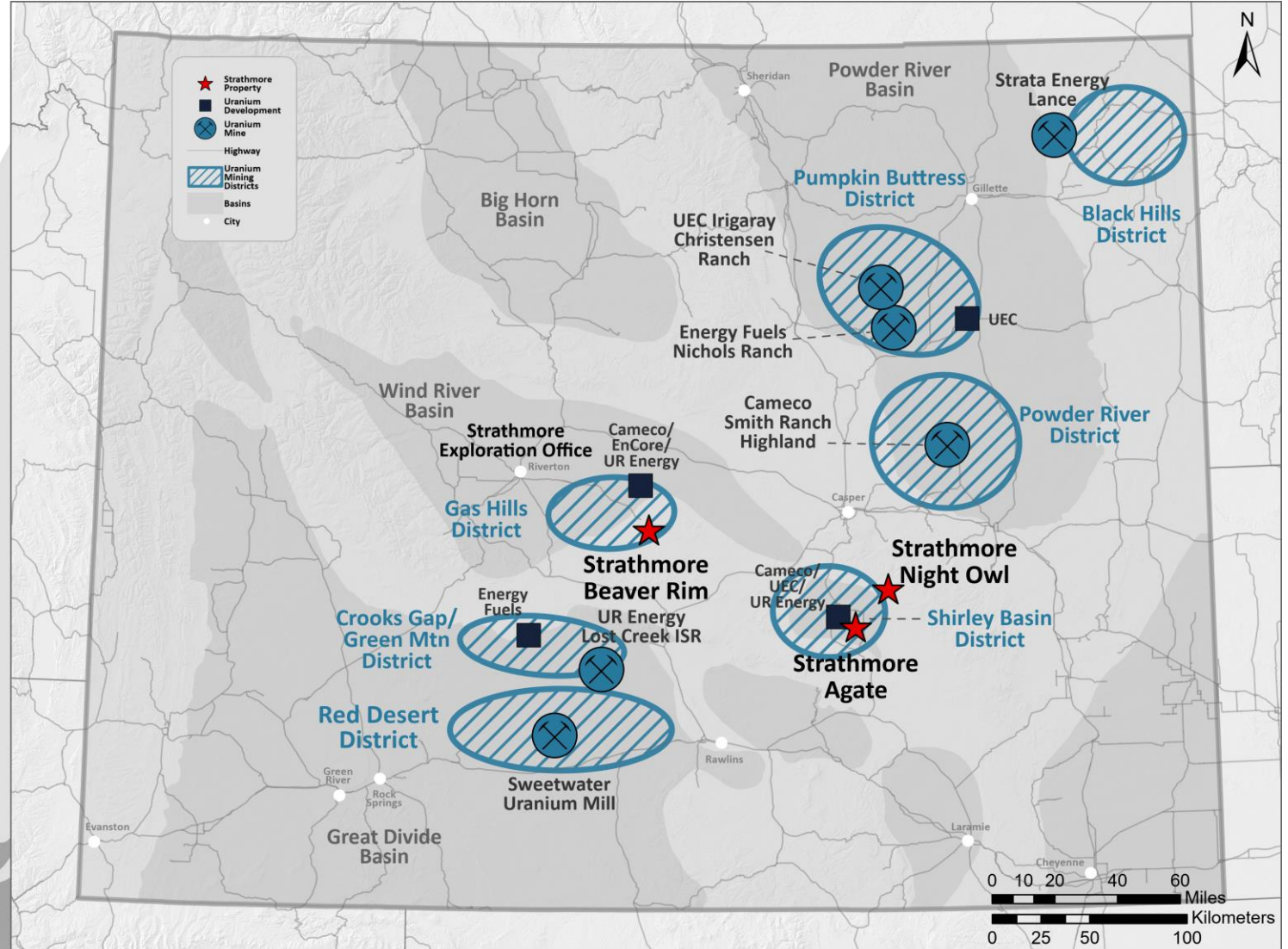
Wyoming Uranium Districts

TSX-V: SUU OTC: SUUFF FRA: TO3

Strathmore Uranium holds over 9,000 acres of **strategic properties** within the Shirley Basin and Gas Hills Uranium Districts

Areas are **readily accessible** from state highways with access to nearby mining infrastructure

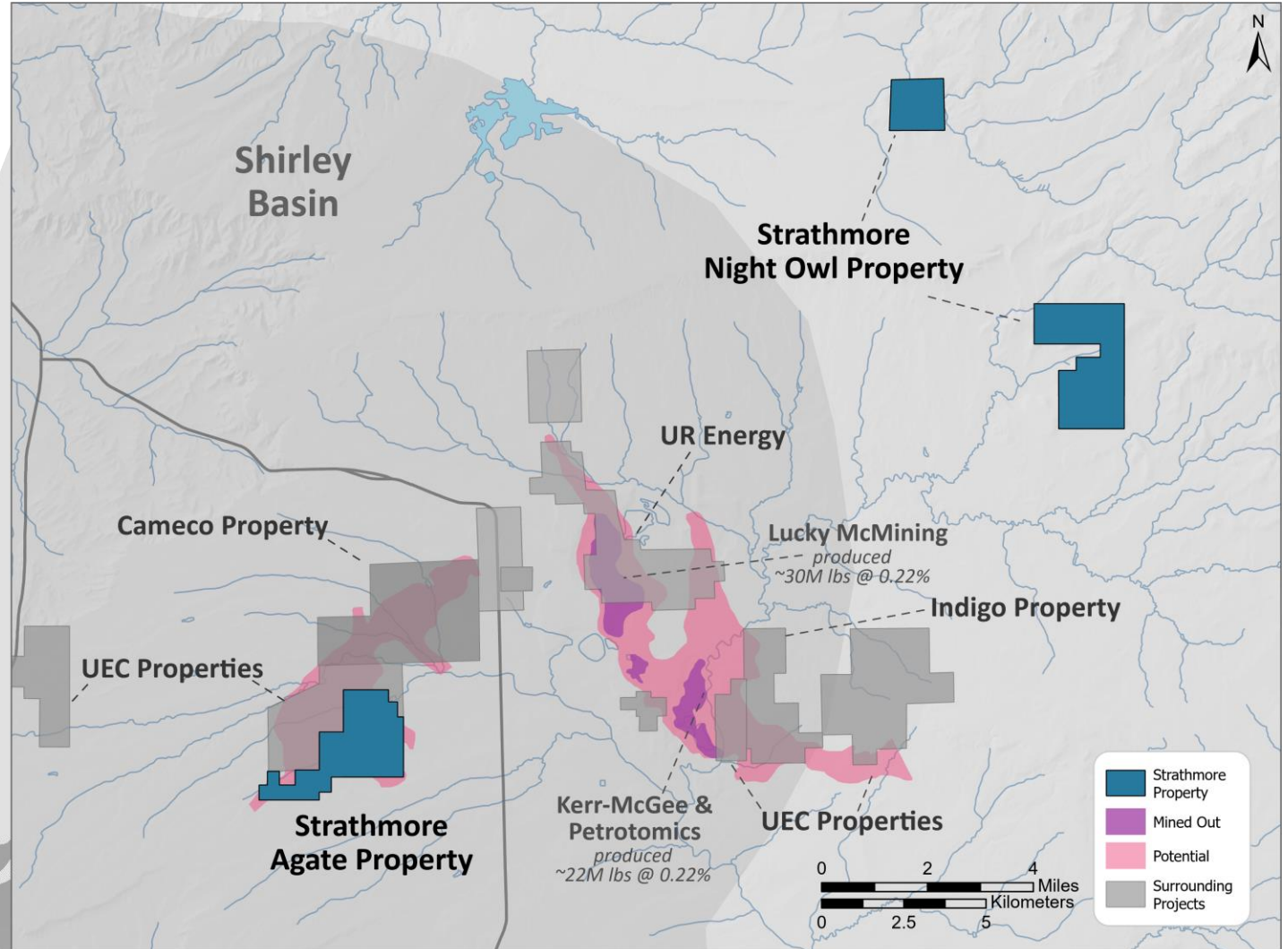
Strathmore's uranium properties lie **beside past producing mines and current uranium development projects**



Strategic Location in the Shirley Basin

Strathmore Uranium's properties lie beside past producing **mines** and **current uranium** exploration projects.

~52M lbs @ 0.22%
produced within the region



Agate Project

A **potential in-situ recovery** (ISR) project in the Shirley Basin uranium district of Wyoming, that lies to the south of Cameco and borders UEC properties.

The property consists of **85 mining claims covering 1,756 acres**, after adding 33 new claims. Kerr-McGee Corp. historically drilled up to 650 holes in the area covered by the project. 300 of the holes have available data and are currently being evaluated, with assistance from the University of Wyoming's Geology Dept.

The mineralization is **shallow from 15 to 150 feet deep**, and much is below the water table which may be amenable to in-situ recovery. The average thickness varies from several feet to tens of feet, with grades ranging from 0.02% to 0.14% eU_3O_8

Strathmore completed a **100-hole drill program in 2024**, with 94% of holes mineralized from depths of 80 to 150 feet deep. Strathmore has completed **200 holes on the property with 93% intersecting mineralization**.



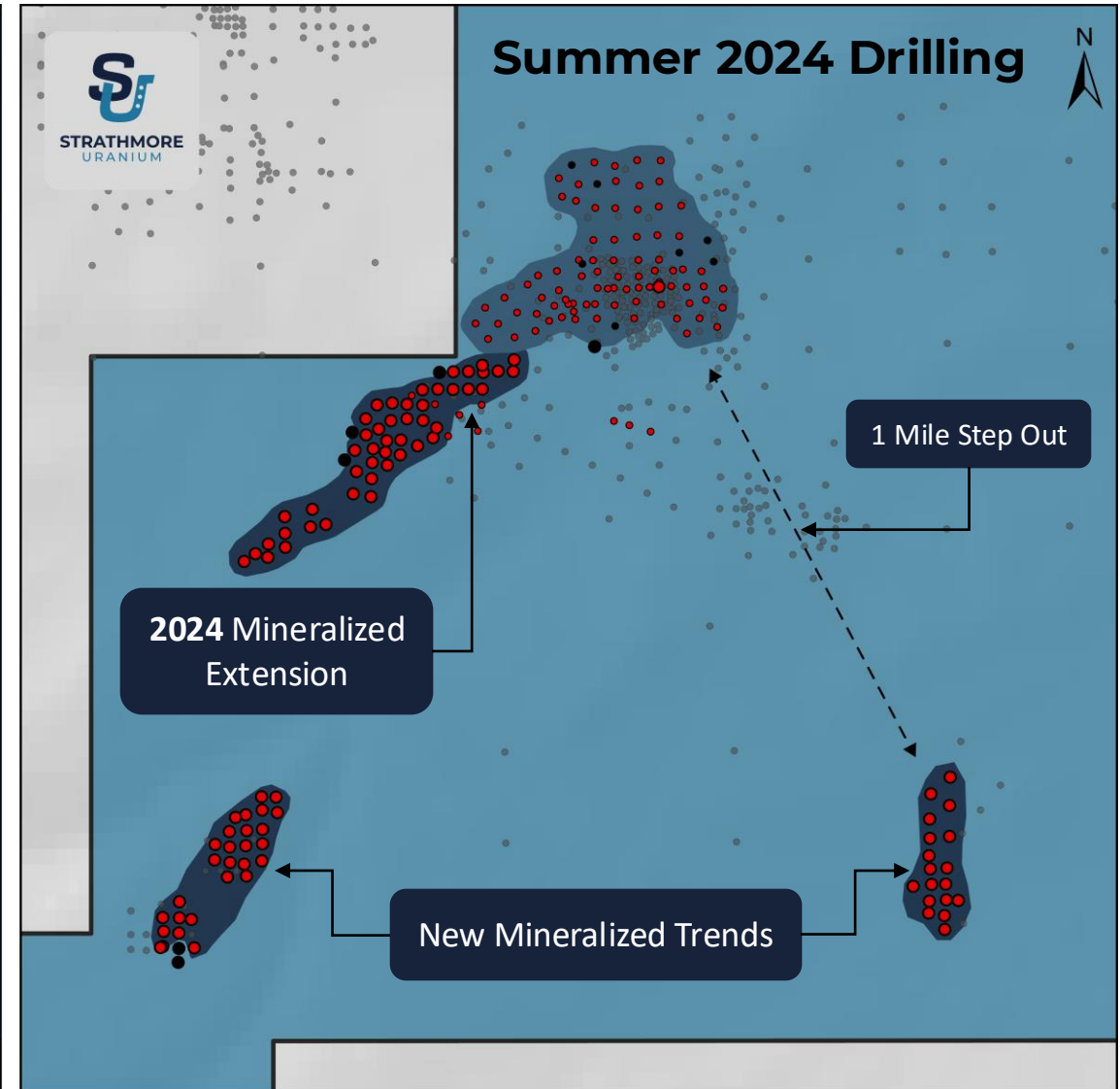
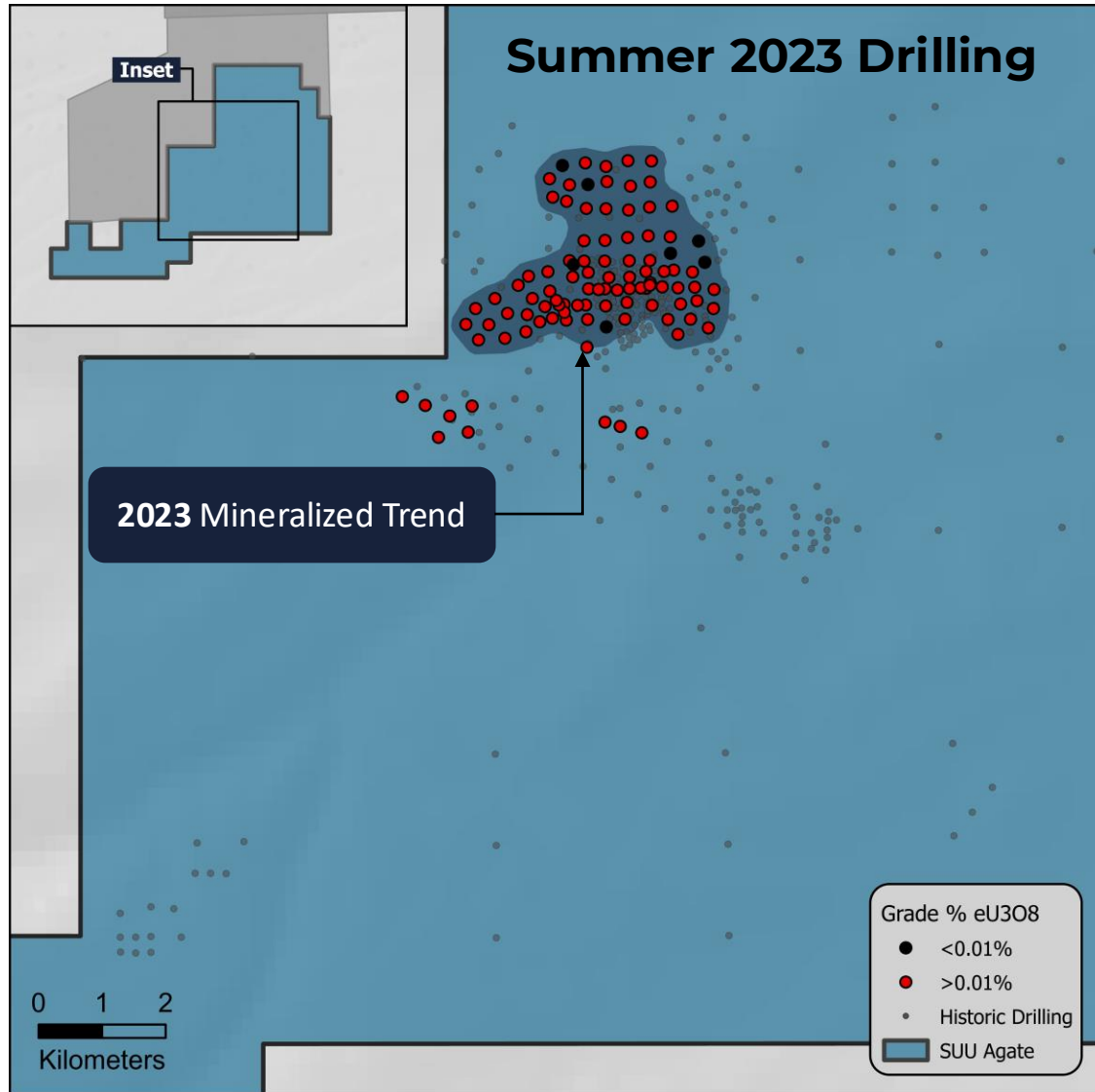
Agate - Beaver Rim

David Talbot of Red Cloud Securities Commented:

"We continue to be encouraged by results from drilling at the Agate deposit within the Shirley Basin uranium district of Wyoming. Mineralization continues to expand the existing deposit within the Lower Sand and is located within four miles of a near-term uranium development project currently under construction. Moreover, drilling has led to a significant discovery within the Middle Sand, just one mile away. This discovery is particularly important because the Middle Sand hosted most of the historical production within the Shirley Basin. Additionally, the Middle Sand is expected to be relatively thicker, shallower, and holds the potential for uncovering additional stacked roll-front uranium deposits.

At the Beaver Rim ISR project in the Gas Hills uranium district, initial drilling has yielded promising results, with mineralization encountered in two of four holes drilled 1–3 miles south of Cameco's fully permitted Gas Hills project. The program successfully identified sediments below Beaver Rim that appear to correlate with those at the adjacent Gas Hills project. These sediments serve as conduits for uranium transport across the property and are highly suitable for uranium deposition. These findings highlight the potential of the Beaver Rim project and support continued exploration in 2025."

Expanding Mineralization



2024 Drilling Highlights

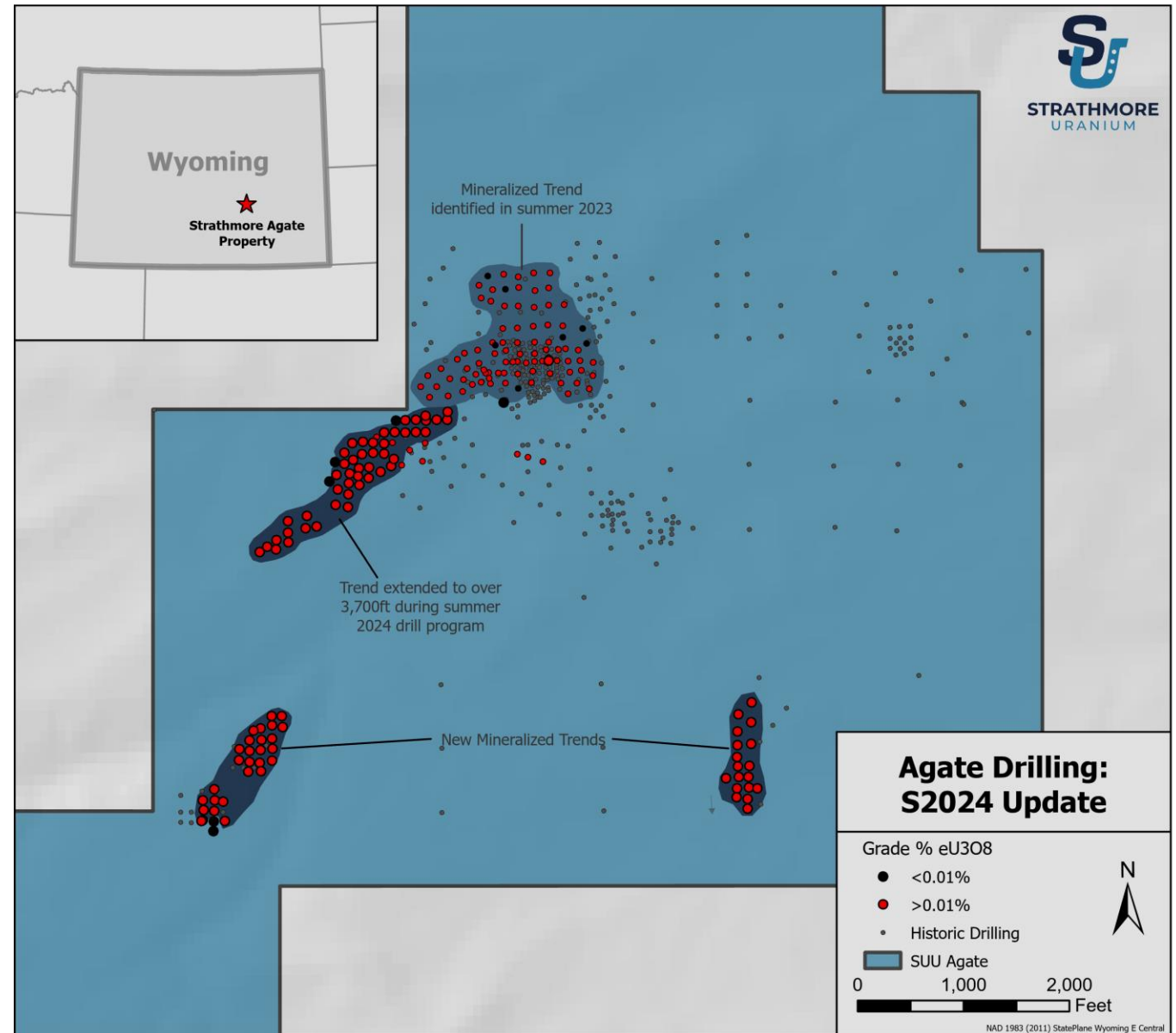
Tripled the length of the mineralized trend to **3,700 feet** with first 100 holes.

Staked **additional land** on trend to the North and Southwest.

Five piezometer wells were completed for groundwater testing and five holes prepared for core recovery.

HIGHLIGHTS

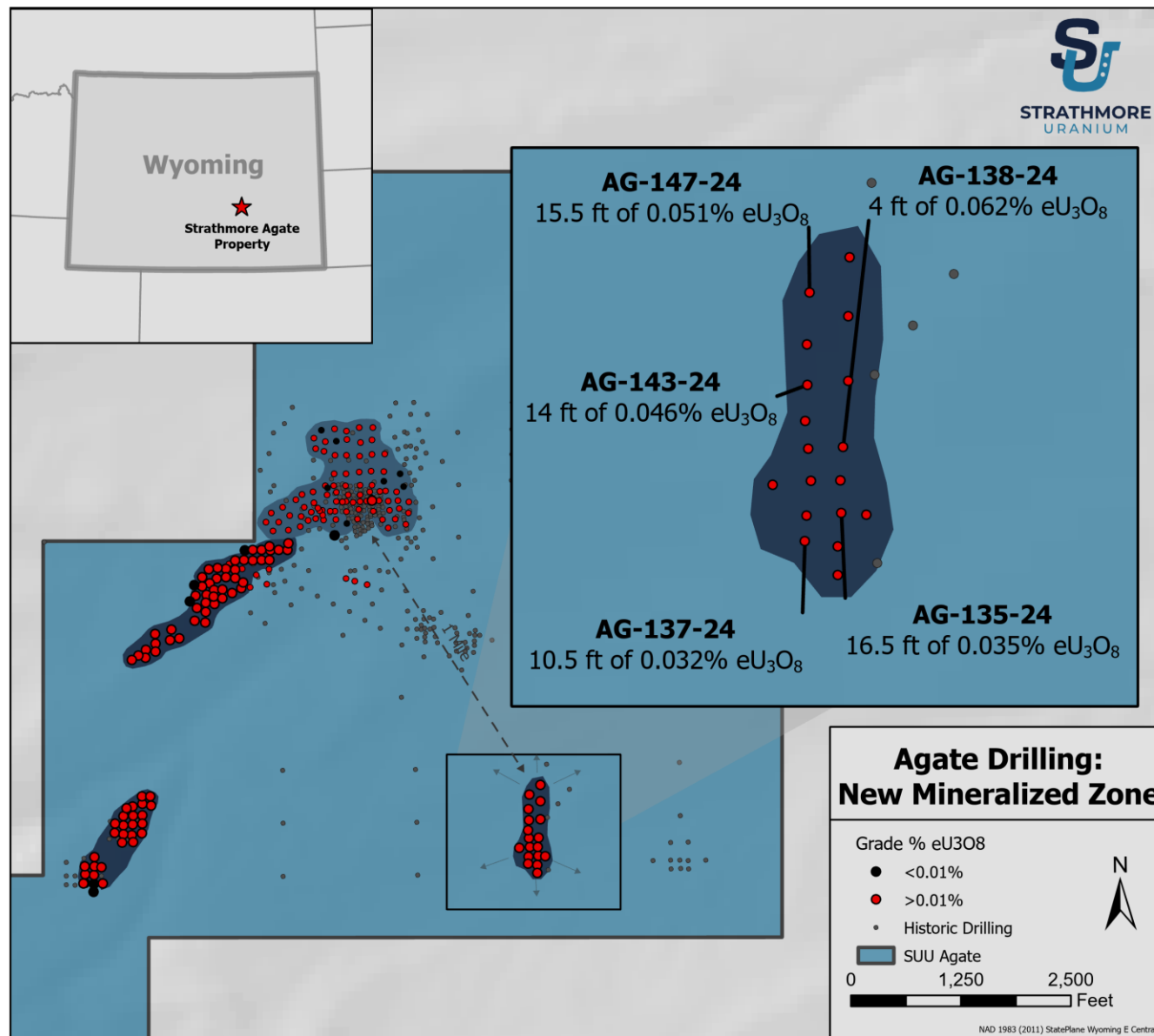
- AG-175-24 (7.5 feet of **0.128% eU₃O₈** from 103.5-110.0 feet)
- AG-200-24 (15 feet of **0.116% eU₃O₈** from 82.5-97.5 feet).
- AG-162-24 (16 feet of **0.067% eU₃O₈** from 87.5-103.5 feet)



2024 Drilling Highlights

One Mile step out hit mineralization in the **middle sand** of the Wind River Formation, expanding the northern trend with highest grade of **0.062% eU₃O₈**.

Middle sand is typically **thicker and higher grade**. This member has produced the majority of the uranium in the Shirley Basin.



Beaver Rim

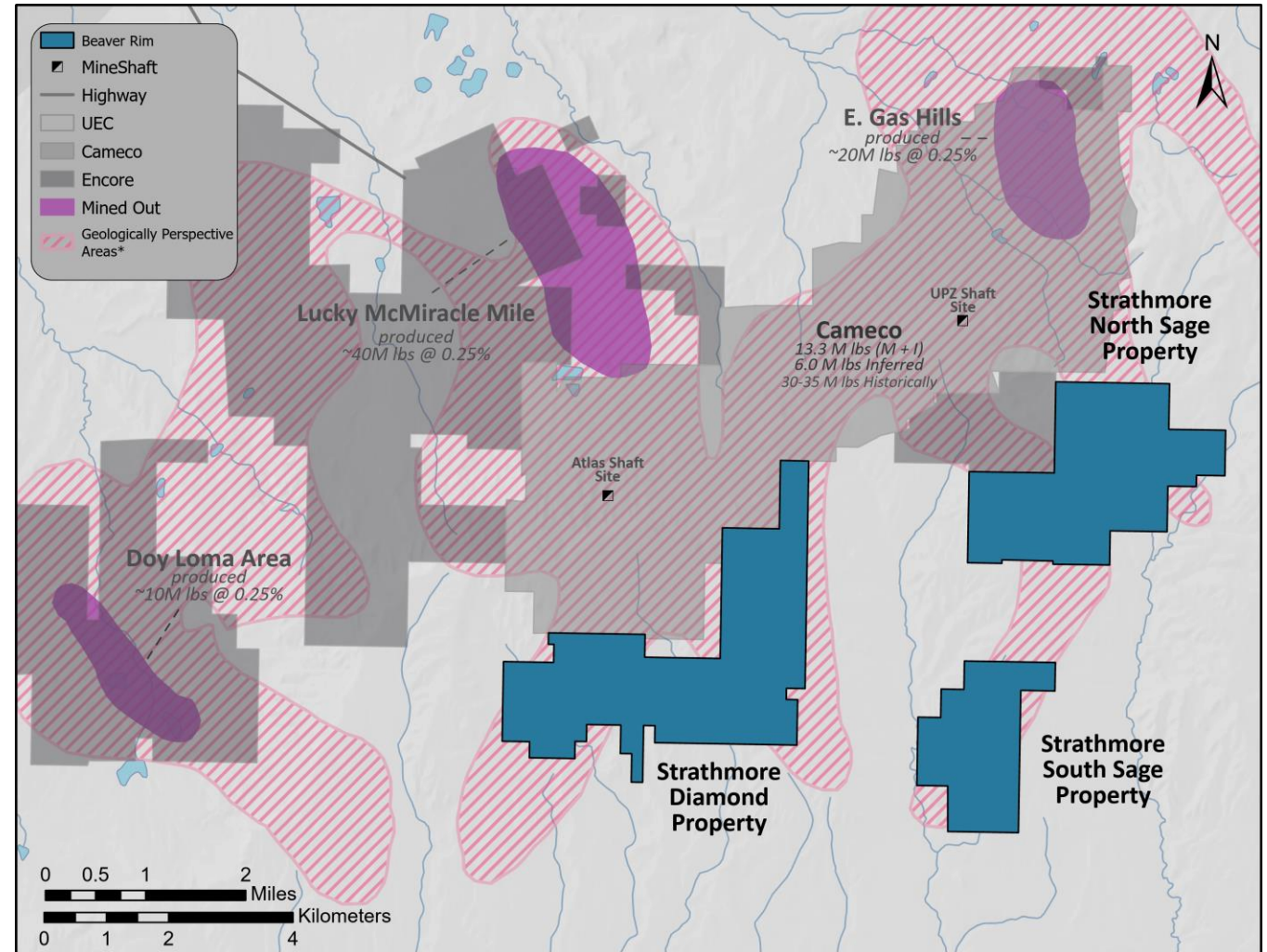
Strathmore property lies just south of Cameco which has the **highest uranium grades** and largest resources in the Gas Hills. Beaver Rim is 5,475 acres across 265 claims.

Cameco's Project identifies resources of over 13M lbs indicated and 6M lbs inferred. **Extensive historical resources adjacent to Strathmore claims.**

Beaver Rim has been **under-explored** and the potential for higher grade mineralization within stacked roll fronts is substantial.

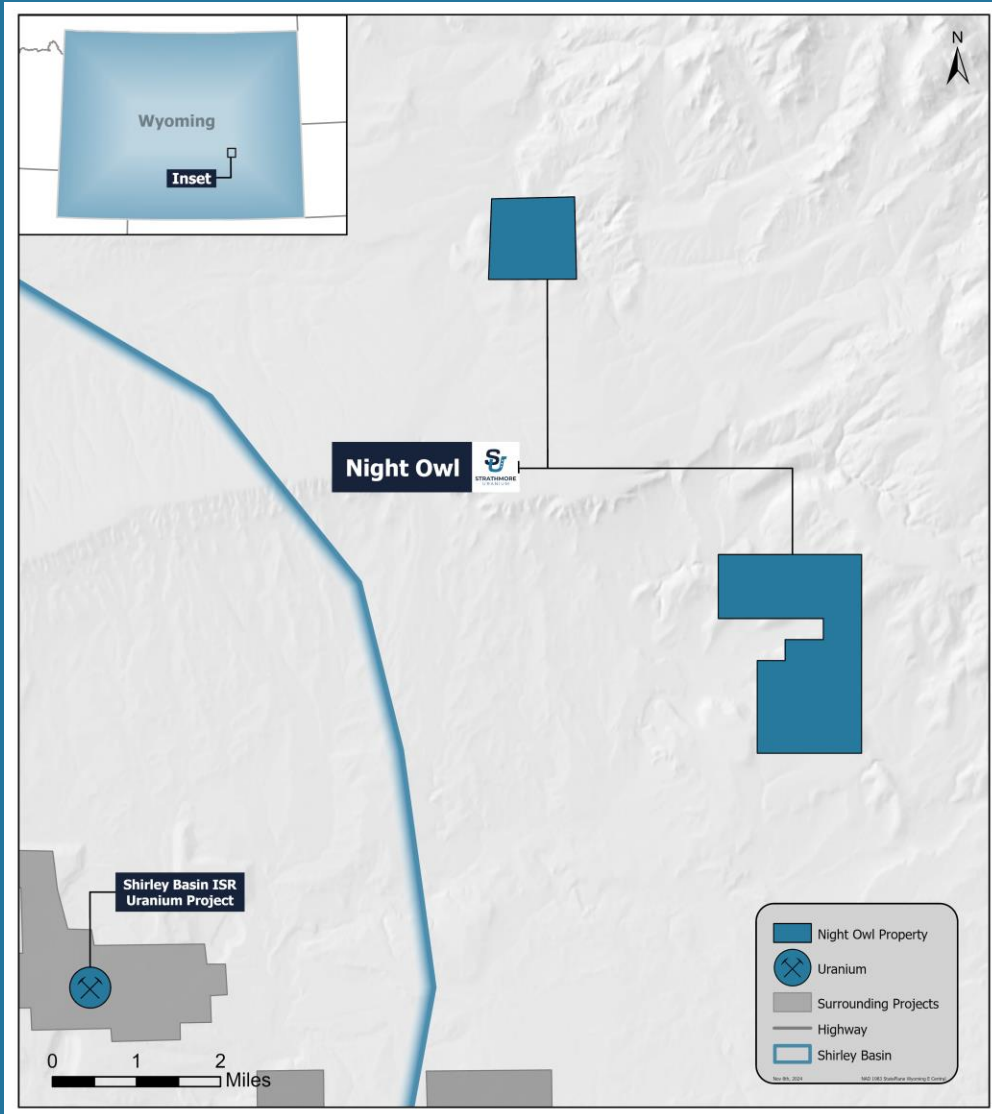
Beaver Rim is in the geologic regime of the depositional mineralized channels that brought uranium north to the Gas Hills.

Several geologists have opined that Beaver Rim will mirror the **Gas Hills' grades and deposit sizes.**



Night Owl

TSX-V: SUU OTC: SUUFF FRA: TO3



A former producing **Uranium mine** in the Shirley Basin Uranium district of Wyoming.

Night Owl was formerly mined by Night Owl Properties & Battle Axe Mining Co. producing **93 tons at a grade of 0.24% U₃O₈**, which was mined at the surface with just a backhoe in the late 1950s to early 1960s.

Although the Company identified surface uranium, there was no abundant mineralization in the down hole drilling. We obtained much better knowledge of the depth, thickness and extent of the Madison Limestone host rock and acquired surface mineral samples that will be used for radiometric equilibrium analyses and amenability research.

This year's investigation also determined the presence and depth of the groundwater in the area. The program identified an area of oxidation that may **prove to be where the mineralizing solutions moved**. We will continue with geoscience work with Raymond Ashley and Sam Hartmann, our technical advisors, to determine exactly where the fluids ended up and where there may be **significant mineralization for our next exploration drilling targets**.

University of Wyoming Research

The goal is to **detect and image** a uranium roll front to pinpoint Strathmore's drilling targets, with future application to monitor the movement of the roll front's position during in-situ mining recovery.

Study and determine which geophysical tools provide the best delineation methods for uranium roll fronts in sedimentary deposits.

Preliminary results illustrate how a combined geophysical method study highlights the roll front location, unaltered areas ahead of the roll front, and altered areas behind.

Research will analyze 'full-waveform' Induced Polarization (IP) data to determine how viable IP is for identifying the location of the active roll-front.

The addition of 'full waveform' analyses of the IP decay will provide greater insights into the in-situ state of the uranium roll front which will aid exploration planning.

The University of Wyoming funded research (\$200,000 US) may enable Strathmore to better locate drilling targets and uncover higher grade mineralization at both their Agate and Beaver Rim projects.

UR-Energy Working Agreement

Strathmore & UR-Energy signed a Confidentiality and Non-Disclosure Agreement in April 2023.



Assess the feasibility of a negotiated business transaction for future processing of uranium from Strathmore's Wyoming projects at Ur-Energy's nearby facilities.

UR Energy in March 2024, announced they will construct and operate an in-situ recovery facility at their Shirley Basin project, located 6 miles from Agate.

This agreement once finalized will result in shorter lead times and lower expenses for Strathmore to permit and develop an ISR production site.

2024 Exploration Outlook

Strathmore’s primary exploration activity will target the **Agate and Beaver Rim** high-priority targets



Wyoming
Agate Project

Continue to extend mineralization identified by 2023 drilling.

Planned Work

- 22,500ft drill program
- ~150 total holes
- Extending mineralization intersected in 2023
- Identify new mineralized trends

Status
Underway

Wyoming
Beaver Rim Project

Identify mineralization on property.

Planned Work

- 5,700ft drill program
- ~5 total holes
- Identify mineralized trend within the project claims

Status
Underway

Wyoming
Night Owl Project

Identify a Geophysical footprint to help in future drill targeting.

Planned Work

- Geophysical and Surveying

Status
Underway

Strathmore Plus Management Team



**Dev Randhawa,
Chairman & CEO**

- Former CEO & Founder of Fission Energy and Fission Uranium. Former CEO & Founder of Strathmore Minerals.
- Founder of Pacific Asia China Energy, sold for \$34m.



**Terrence Osier,
VP of Exploration**

- Professional Geologist with 17 Years of Experience in Uranium Industry.
- Lead Geologist for Strathmore Minerals Corp form 2004-2013 in their Wyoming operation.



**John Dejoia,
Director**

- Directly responsible for mining 22 million pounds of uranium in Wyoming.
- Worked in open-pit, underground and In-Situ uranium production, exploration, mine development and nuclear remediation.
- B.S. in Geology from the University of Wyoming



**Ryan Cheung,
CFO**

- Provides accounting, management, securities regulatory compliance services to private a public listed companies.

Strathmore Plus Board of Directors



Dev Randhawa
Chairman, CEO, Director

- Chairman & CEO of F3 Uranium Corp.
- Former CEO & Founder of Fission Energy and Fission Uranium.
- Former CEO & Founder of Strathmore Minerals.



John DeJoia
Director

- Professional Geologist with 50 years of experience in the Uranium Industry.
- VP of Operations for Strathmore Minerals from 2005-2013 in their US operations. Extensive uranium exploration, mining, and nuclear remediation experience.



Marion Loomis
Director

- Professional Geologist with 50 years of experience in the Uranium Industry.
- Worked at the Wyoming mining association for 38 years, worked as Executive Director and assistant Executive Director.



Jordan Potts
Director

- Extensive experience in the public markets by advising and serving on numerous boards.
- Secured substantial funding for junior exploration companies across Canada.

Corporate Summary

Cash: (as of Jan 10, 2025)	approx. C\$1.million
Market Cap: (as of Jan. 10, 2025)	approx. C\$8.5million
Shares outstanding: (as of Jan. 10,2025)	48,909,587
Options & RSUs (as of Jan. 10,2025)	7,757,891
Warrants: (as of Jan. 10, 2025)	8,255,790
Fully diluted:	64,893,268

EXECUTIVE MANAGEMENT & BOARD

Dev Randhawa, MBA - Chairman, CEO, Director

Terrence Osier, P. Geo. VP Exploration

Ryan Cheung – CFO

John Dejoia, P.Geo, Director

Jordan Potts – Director

Marion Loomis - Director

Raymond Ashley, P.Geo. - Technical Advisor

Sam Hartmann, P.Geo. - Technical Advisor

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