

# F3 Uranium Corp.

Saskatchewan Uranium Explorer  
SEPTEMBER 2024 INVESTOR PRESENTATION



# 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”, “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 advantages of small modular reactors; the use of survey and technical information; the plans and objectives of F4 Uranium Corp. (the “Company”) with respect to the exploration properties and the timing related thereto, including with respect to future drilling programs; 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. 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 with respect to the exploration properties within the expected timing or at all, including the timing and receipt of certain approvals, changes in uranium prices, changes in interest and currency exchange rates, risks inherent in exploration estimates and results, timing and success, inaccurate geological and metallurgical assumptions (including with respect to the size, grade and recoverability of mineral reserves and resources ), changes in development or mining plans due to changes in logistical, technical or other factors, unanticipated operational difficulties (including failure of plant, equipment or processes to operate in accordance with specifications, 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 exploration 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 exploration 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 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 Sam Hartmann, P. Geo. Vice President of Exploration for the Company. Mr. Hartmann is a qualified person for the purposes of NI 43-101.



# DRILLING HIGHLIGHTS

- Nov 21, 2022:** High Grade Discovery Hole PLN22-035 (**15.0m @ 7% U<sub>3</sub>O<sub>8</sub>** including **5.5m @ 18.6%**)
- Mar 27, 2023:** High Grade Intercept Hole PLN23-060 (**14.5m @ 9.4% U<sub>3</sub>O<sub>8</sub>** including **5.0m @ 26.7%**)
- Jun 12, 2024:** High Grade Intercept Hole PLN24-116 (**12.0m @ 7.6% U<sub>3</sub>O<sub>8</sub>** including **2.0m @ 31.4%**)
- July 30, 2024:** B1 Exploration highlight: PLN24-152 (**2.0m @ 216ppm U** including **0.5m @ 409ppm U** and **7.0m @ 107ppm** including **0.5m @ 412ppm**)
- Aug 13, 2024:** Drill hole PLN24-168 extends B1 shear zone by **700m** and new geophysics inversion model defines an **80% increase** in the total implied strike length to **2.7 km**.

## Summer Drilling Underway:

Focusing on JR Zone infill and expansion and Exploration for New Zones Along A1 / B1 Shear Zones

**B1 conductor** with intense sandstone and basement alteration shows very high boron, a pathfinder element common to uranium deposits in the Athabasca Basin, - up to **10,800ppm boron** over 0.5m in hole PLN23-093 in lower Athabasca Sandstone.

**Sam Hartmann, VP Exploration comments:** "Drillhole PLN24-152 stands out with the strongest geochemistry signatures to date outside of the JR Zone and represents one of the highest priority exploration targets for follow up."

# F4 URANIUM SPIN OUT

**Transaction Highlights:**  
One F4 Share for every F3 held, followed by a 10 to 1 roll back for F4 shares. After the completion of the arrangement, the Company intends to list the shares of F4 on the TSX Venture Exchange by Sept. end. The spin-out was completed on August 15th.



## Unlock Value for F3 Shareholders

F4 will surface value in F3's extensive portfolio of Athabasca Basin uranium exploration assets which are currently overshadowed by the JR Zone discovery at the PLN Project and have correspondingly received minimal capital allocation.

## Preserving PLN Focus

Financing the F4 Properties independently post Spin-Out will ensure that F3 shareholders do not suffer dilution for non-PLN Project exploration activities.

## Experienced Management

F4 will be led by the same award-winning management team responsible for 3 major uranium discoveries in the Athabasca Basin, with Raymond Ashley to be appointed as CEO.

Dev Randhawa, CEO of F3 and incoming Executive Chairman of F4, commented: *"Given that the PLN Project has now evolved from important discovery to an entire geological system across multiple shear zones, the board of F3 has determined that the project deserves a singular focus. At the same time, we believe our shareholders will be done a disservice by not pursuing additional discoveries within the rest of our extensive Athabasca Basin portfolio. F4 solves for this dilemma. Substantial synergies will exist between F3 and F4, including technical expertise and corporate costs that would otherwise be borne singularly by each company."*

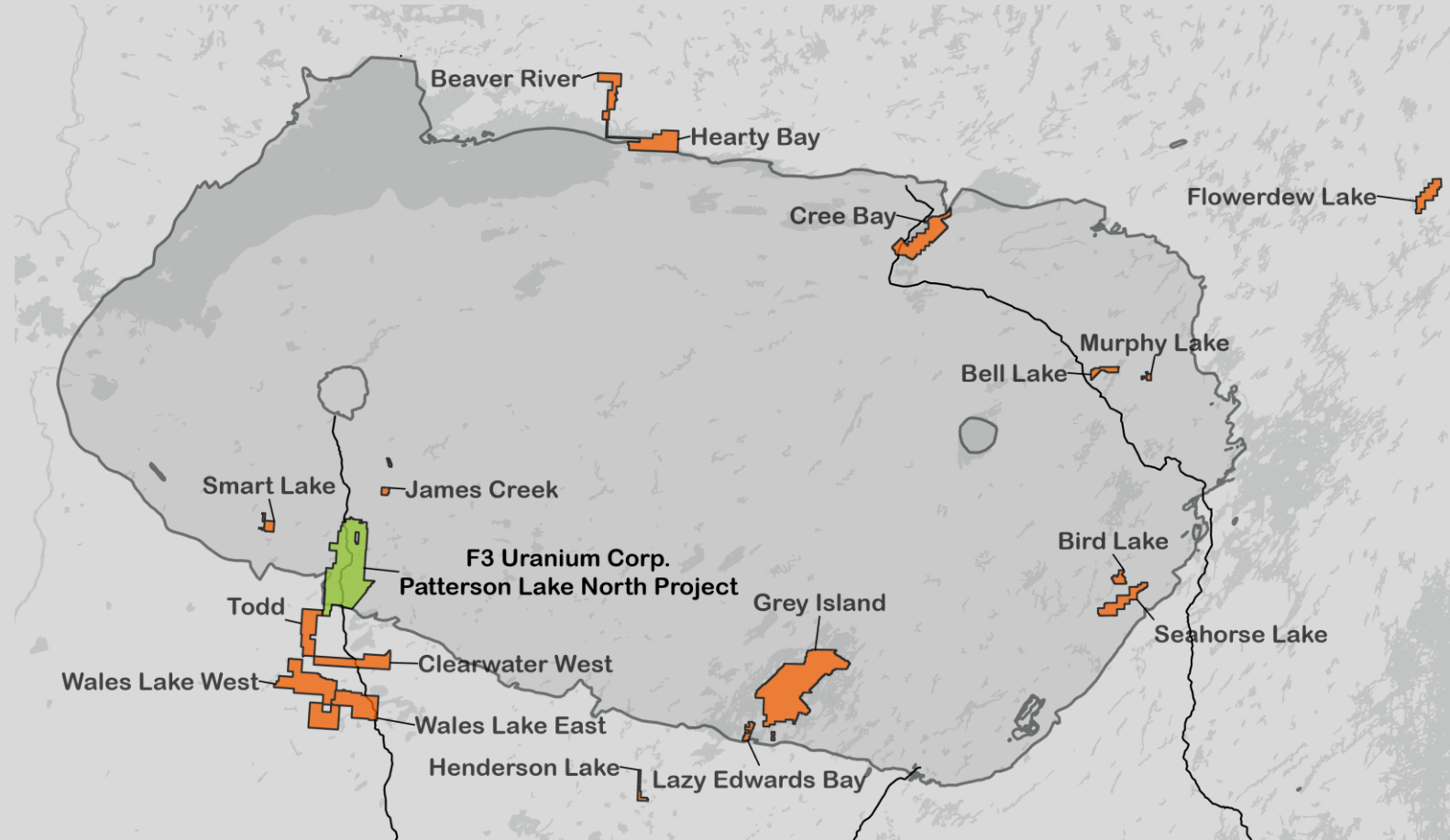
# EXCEPTIONAL **ATHABASCA BASIN** PORTFOLIO:



## Athabasca Basin Portfolio:

**F4** will hold one of the largest, most prospective uranium exploration portfolios in the Eastern and Western Athabasca Basin totalling **17** projects and **168,422 hectares**, many of which are near uranium deposits.

**F3** holds **3** properties totaling **42,961 hectares**.





## ***\$15 Million Strategic Investment***

**Denison Mines** announces a \$15 million investment with F3 in the form of a convertible debenture. The Debentures will carry a 9% coupon (the "Interest"), payable quarterly over a 5-year term and will be convertible at Denison's option into common shares of F3 at a conversion price of \$0.56 per share representing a 30% premium to F3's five-day volume weighted average share price on the TSX Venture Exchange as of October 5, 2023.

**David Cates, President and CEO of Denison commented:** *"F3's technical team has an incredible track record of exploration success including the discovery of the JR Zone on the Patterson Lake North ("PLN") property, which represents one of the top new uranium discoveries globally. We are pleased to be investing in F3, supporting the further assessment of the PLN property, and providing Denison shareholders with exposure to this exciting new discovery in the Athabasca Basin."*

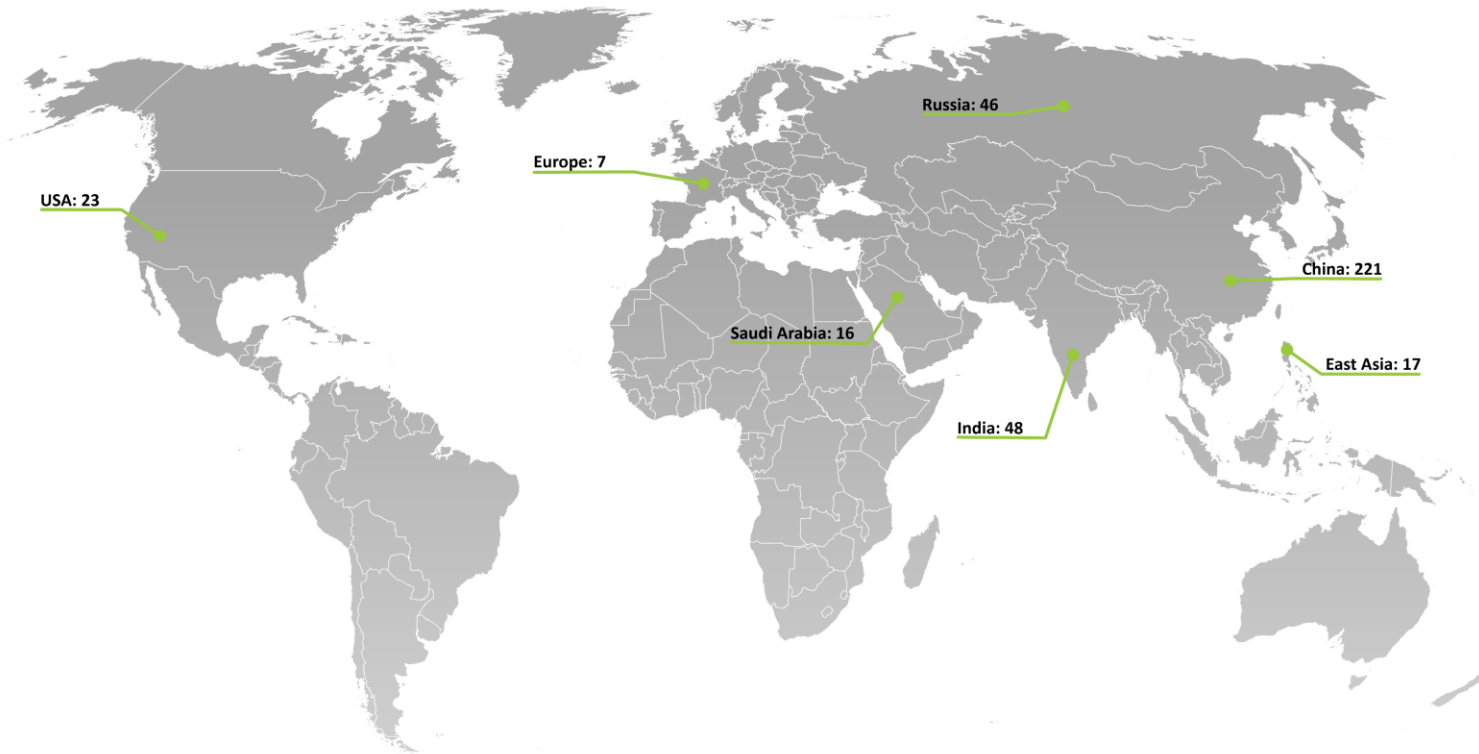
**Dev Randhawa, CEO of F3 commented:** *"We are pleased to welcome Denison as a strategic investor in F3. Denison is a uranium industry leader, possessing a diverse array of both early and advanced-stage assets in the Athabasca Basin, where F3 is currently advancing the PLN property. We highly value Denison's perspectives on uranium exploration and look forward to pursuing a productive relationship."*

# PROJECTION: COP28 - NUCLEAR TO TRIPLE BY 2050

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



# RISING DEMAND

Nuclear Power Demand **Continues to Increase**



Morgan Stanley's  
Commodity Research  
has named  
**URANIUM** as the #1  
investment for the  
next 12 months.\*



The Uranium industry is set for a  
record term of contracting in 2022.  
Ian Purdy, CEO of Paladin Energy  
states "there is now an annual  
**deficit of 60 million lbs.** per  
annum out for the next decade".  
Cameco says inflationary  
breakeven of \$90/lb. is needed to  
increase production.



U.S. Department of  
Energy lays out a **rapid  
nuclear build** out plan  
more aggressive than  
China's, adding 13GW  
annually.\*\*

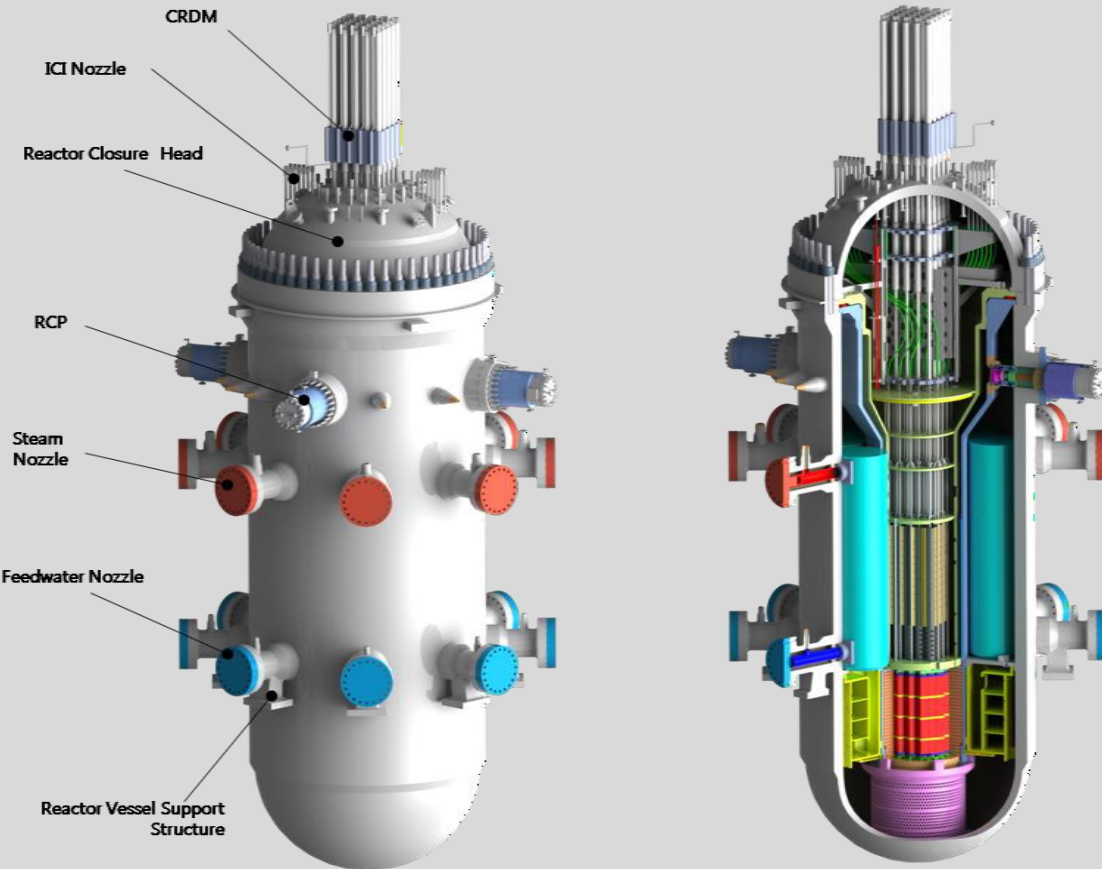


Nuclear power capacity &  
Uranium demand is greater than  
ever, mainly due to nuclear's  
**'GREEN'** energy source. Demand  
is surging in a global  
decarbonization drive to fight  
Climate Change & achieve Net  
Zero. A 'Nuclear Renaissance' is  
now underway.





# SMALL MODULAR REACTORS (SMR'S)



SMRs will offer advantages such as small physical footprints, reduced capital investment, ability to be sited in locations not possible for larger nuclear plants, and provisions for incremental power additions.

Rolls-Royce has been backed by a consortium of private investors and the UK government (\$276 million) to develop small nuclear reactors to generate cleaner, affordable energy

Bill Gates and Warren Buffet are currently building a \$4B small nuclear power plant in Wyoming

# BUILDING SHAREHOLDER VALUE SINCE 1996



# ATHABASCA BASIN

Highest Grade Uranium in the World

+60



years of mining with the world's highest uranium grades.

13.2%



Of the world's uranium.

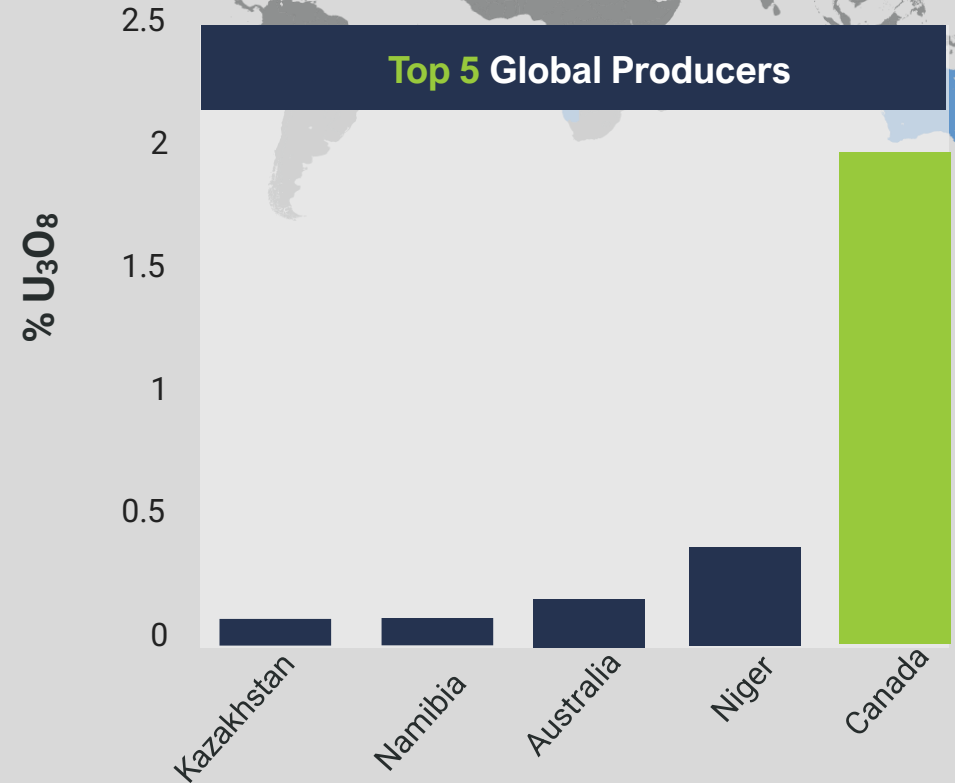


## JURISDICTION

Saskatchewan was ranked as the **#3 jurisdiction in the world** for mining investment in 2023 by the Fraser Institute\*.

## GRADE

The grades are **10 to 20 times** global average in the Athabasca Basin.



# Award Winning Team with a Track Record of Uranium Discoveries

F3 has the team responsible for **3 major uranium discoveries** in the Athabasca Basin

**J Zone** at Waterbury 12,810,000 Lbs Indicated\*

**Triple R** at PLS 114,900,000 Lbs Indicated and 15,400,00 Inferred\*\*

**JR Zone** at Patterson Lake North

**FINANCE MONTHLY DEALMAKER OF THE YEAR AWARDS 2013 WINNER**  
 DEV RANDHAWA ♦ Winner, Finance Monthly Dealmaker of the Year 2013 Award

**EY Entrepreneur Of The Year™ 2014 Finalist**

**Minjng Journal Outstanding Achievement Awards**  
 Winner, Exploration of the Year Award

**PDAC PROSPECTORS & DEVELOPERS ASSOCIATION OF CANADA**  
 BILL DENNIS 2014 AWARD • ROSS McELROY

**THE NORTHERN MINER 1915 Global Mining News**  
 ROSS McELROY and DEV RANDHAWA ♦ Winners, The Northern Miner Person of the Year 2013 Award



# ANALYSIS: Key Signatures of High-Grade Athabasca Uranium

## ATTRIBUTES OF ATHABASCA URANIUM DEPOSITS

- Graphitic Conductor
- Structural Corridor
- Clay Alteration / Bleaching
- Anomalous Radioactivity
- Uranium Geochemistry
- Pathfinder Elements  
(Boron, Copper, Nickel, Lead)

### A1 Shear Zone



### B1 Shear Zone



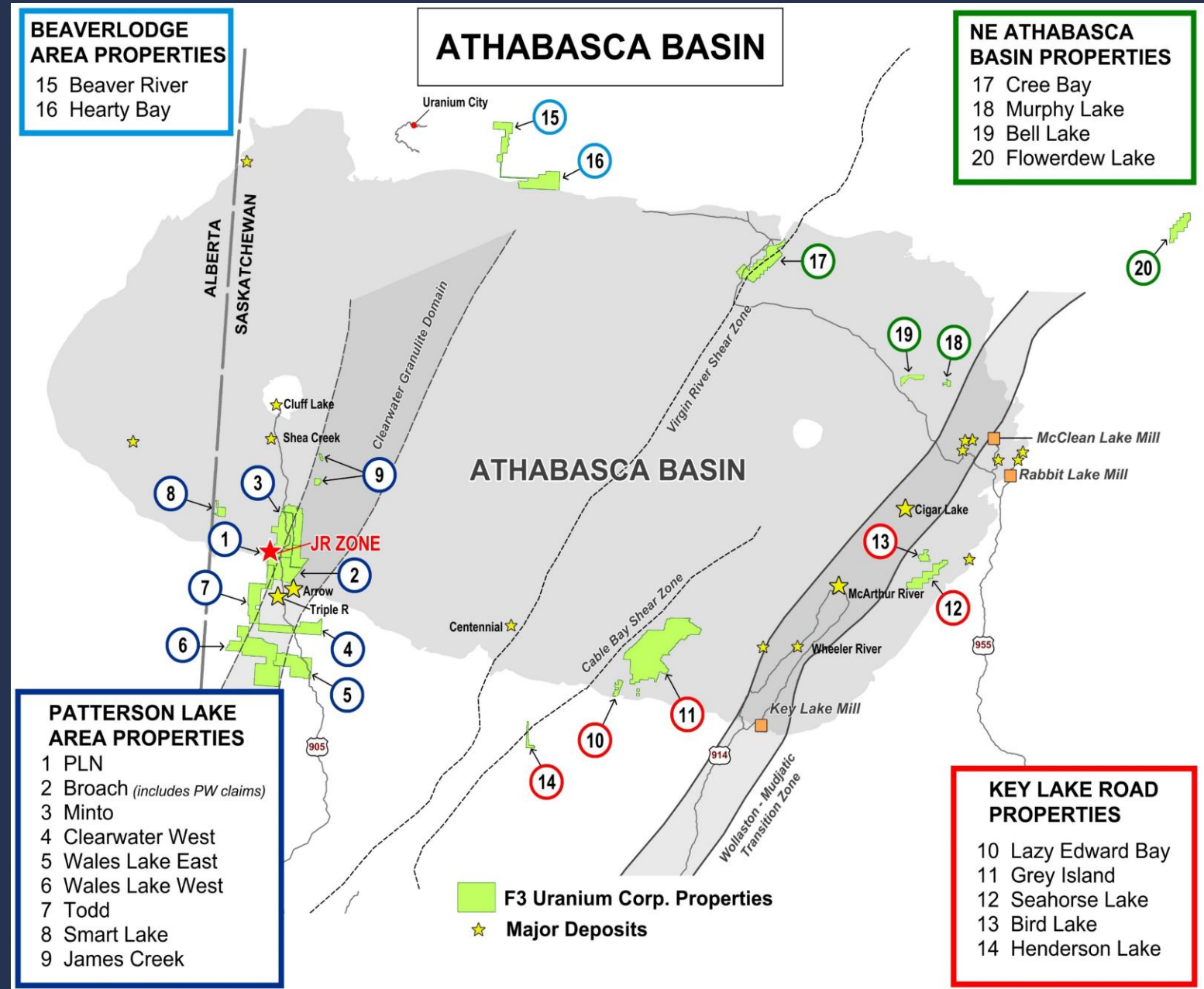
# EXPLORATION

## 2023 Exploration

- PLN – Broach / N Conductor
- Hearty Bay
- Lazy Edward Bay
- Murphy Lake
- PLN JR Zone Discovery

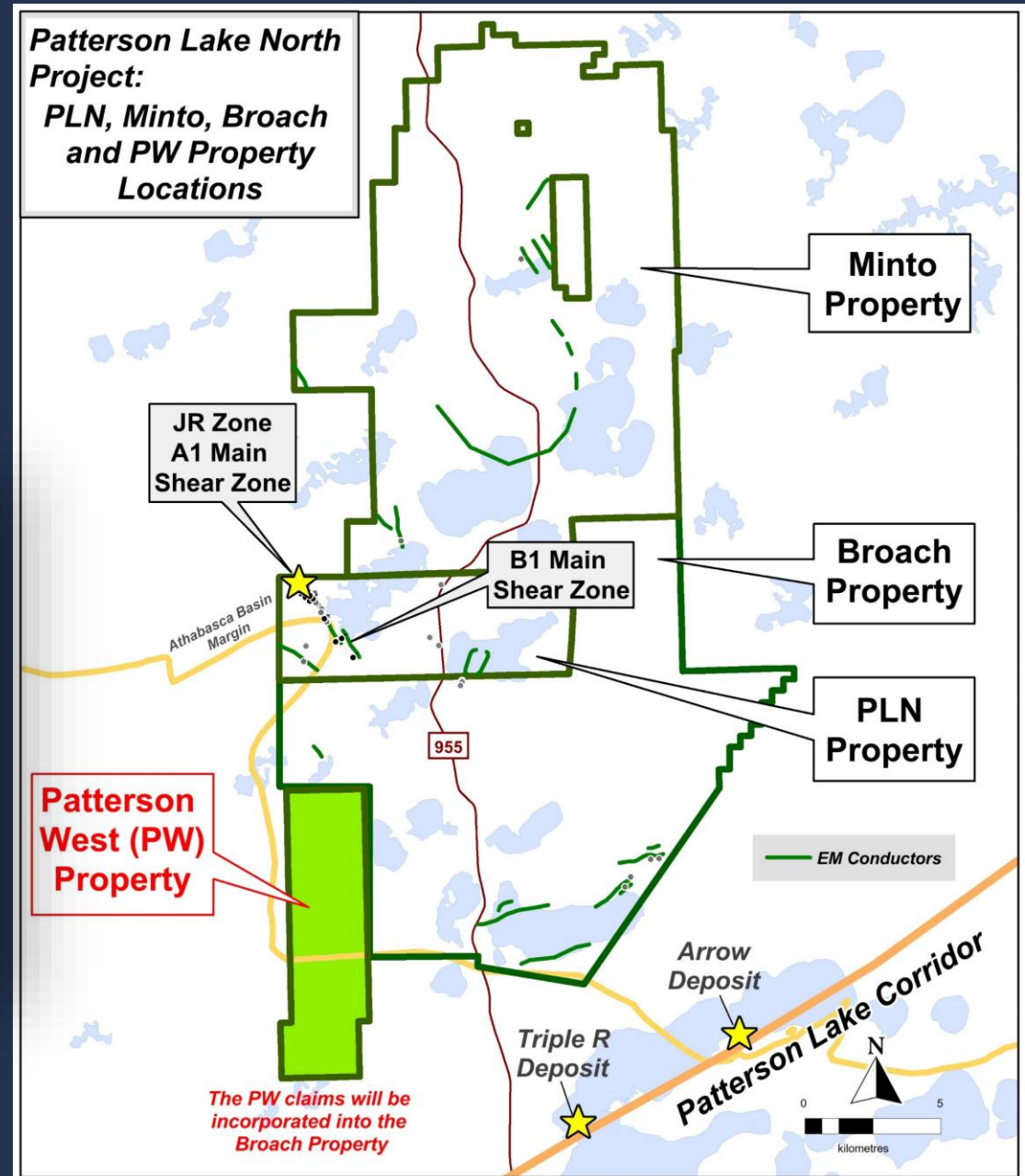
## 2024 Exploration

- PLN – JR Zone Drilling and Exploration for New Uranium Pods
- Hearty Bay Drilling



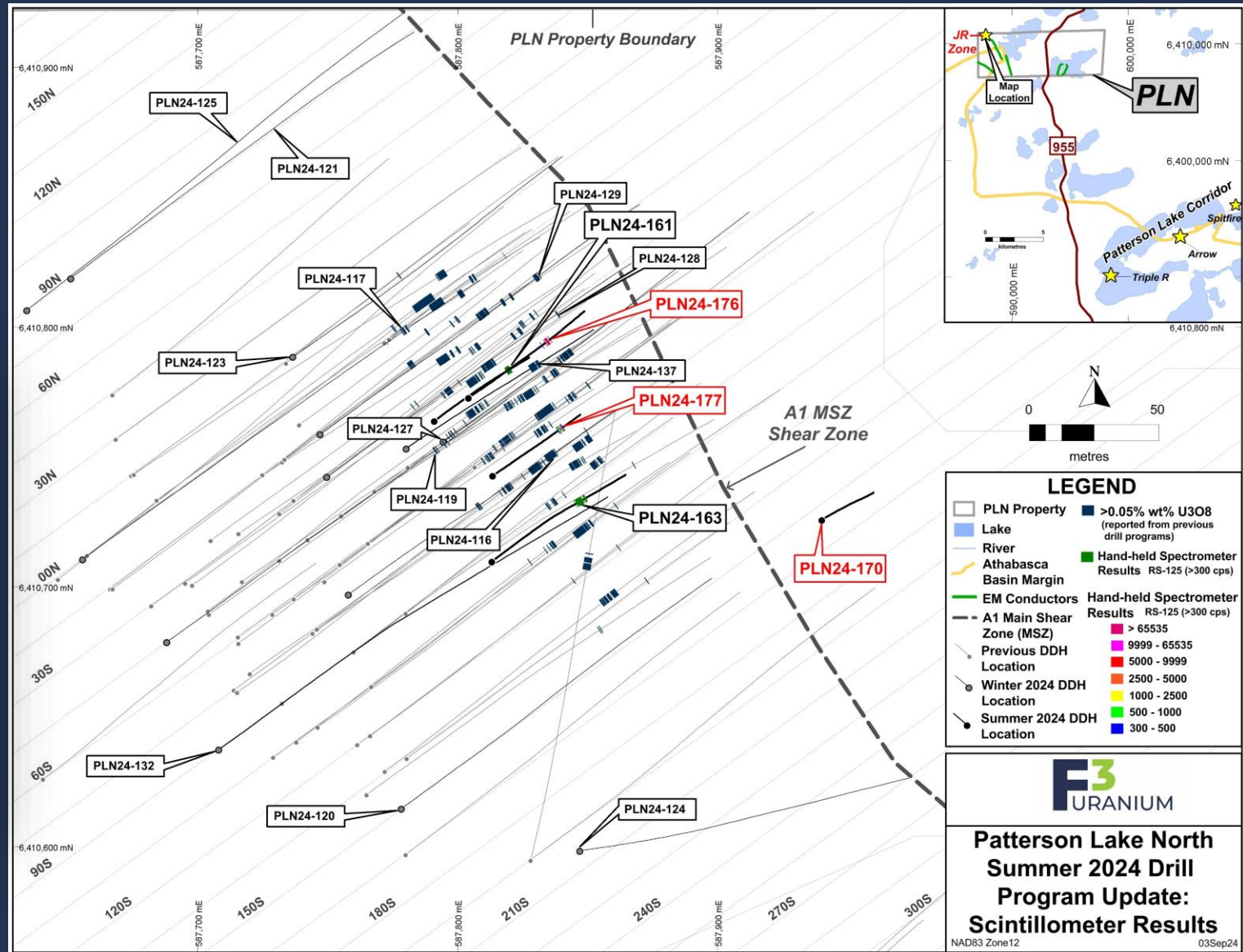
# PROPERTY HIGHLIGHTS

## PLN PROJECT



# PLN PROJECT

## JR Zone Expansion Drilling

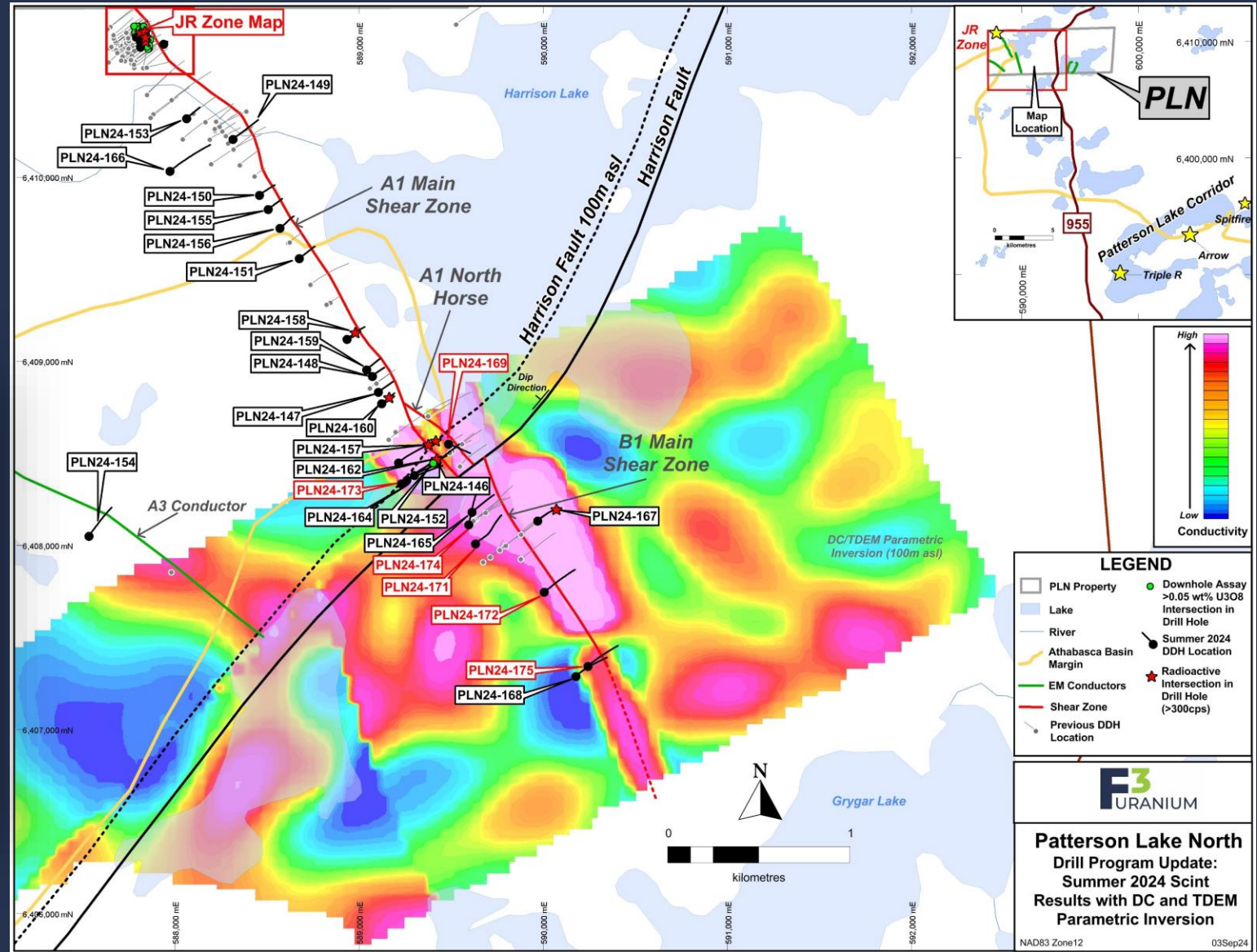




# PLN PROJECT

## Summer Drilling

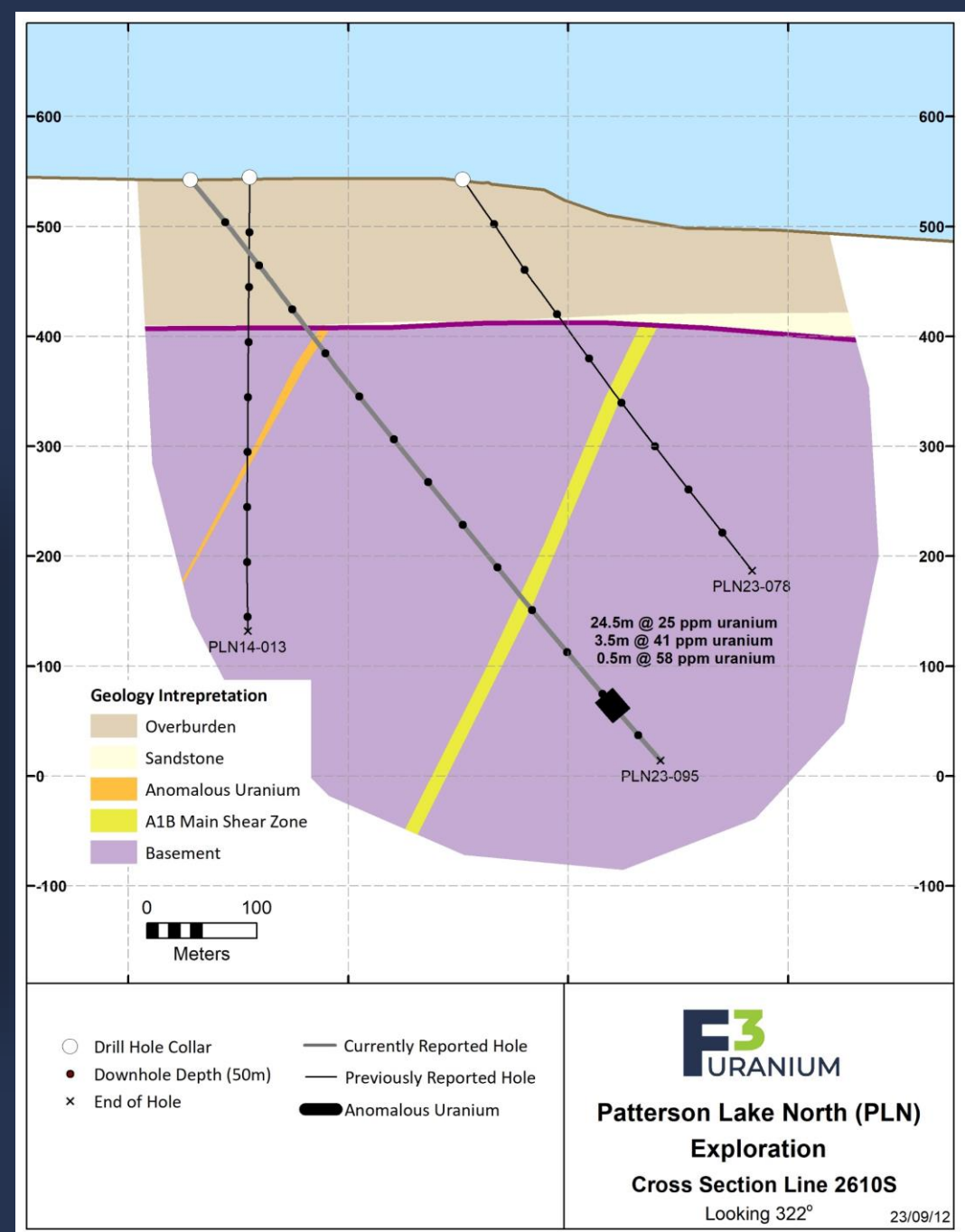
- JR Zone Expansion
- A1 / B1 Exploration



# PLN PROJECT

## B1 Shear Zone Discovery Exploration Drilling

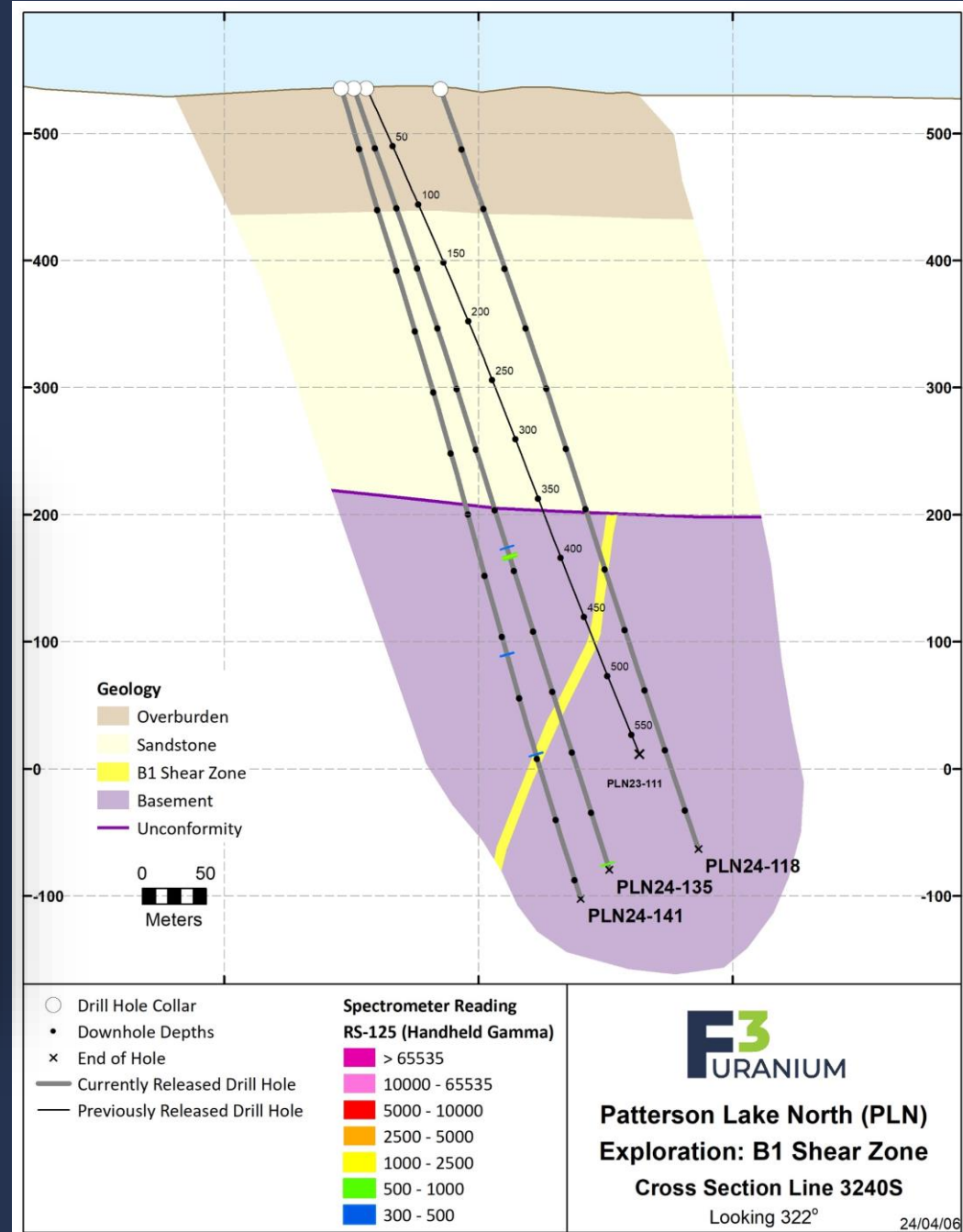
Section Line 2610S



# PLN PROJECT

## B1 Shear Zone Discovery Exploration Drilling

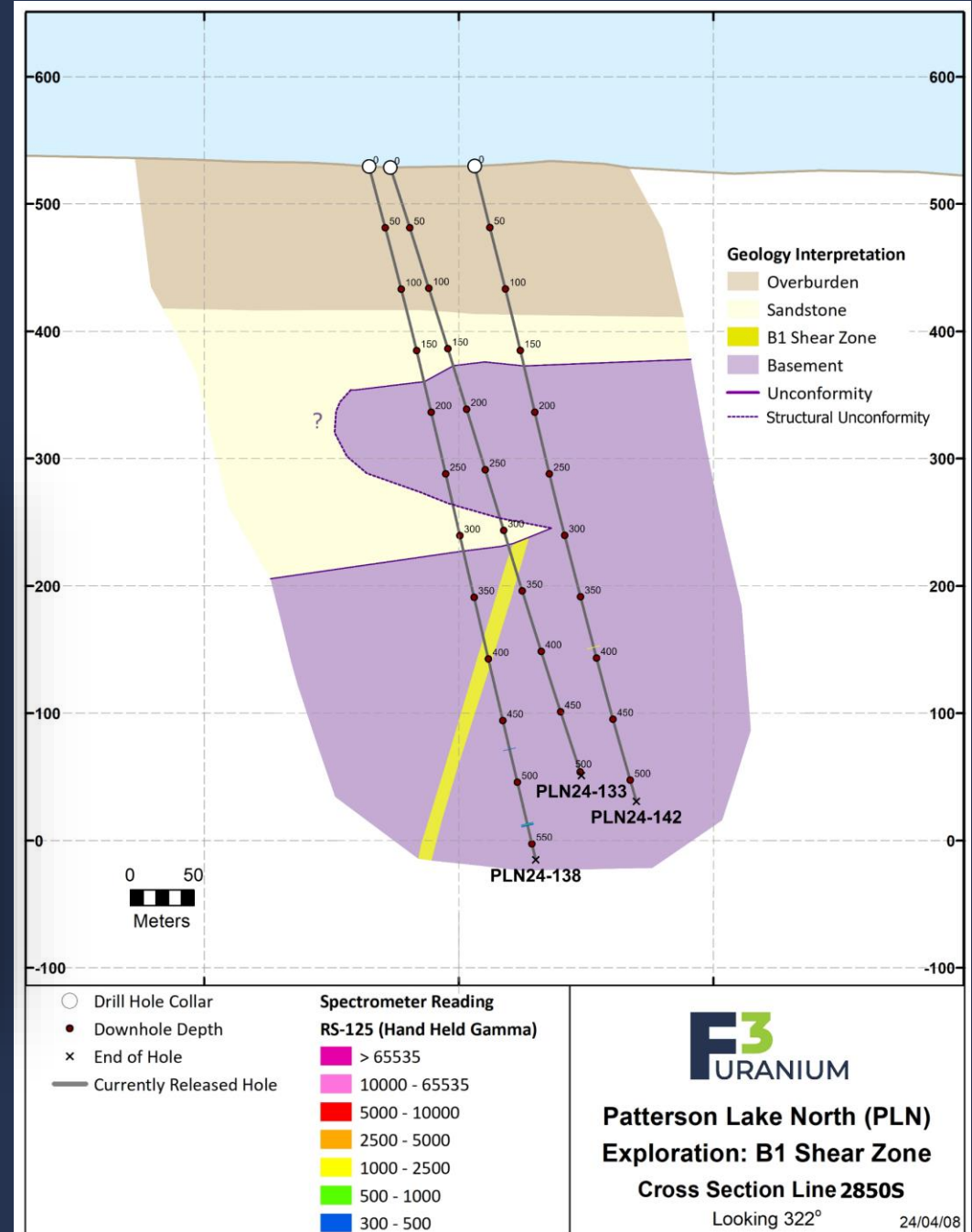
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# PLN PROJECT

## B1 Shear Zone Discovery Exploration Drilling

Section Line 2850S

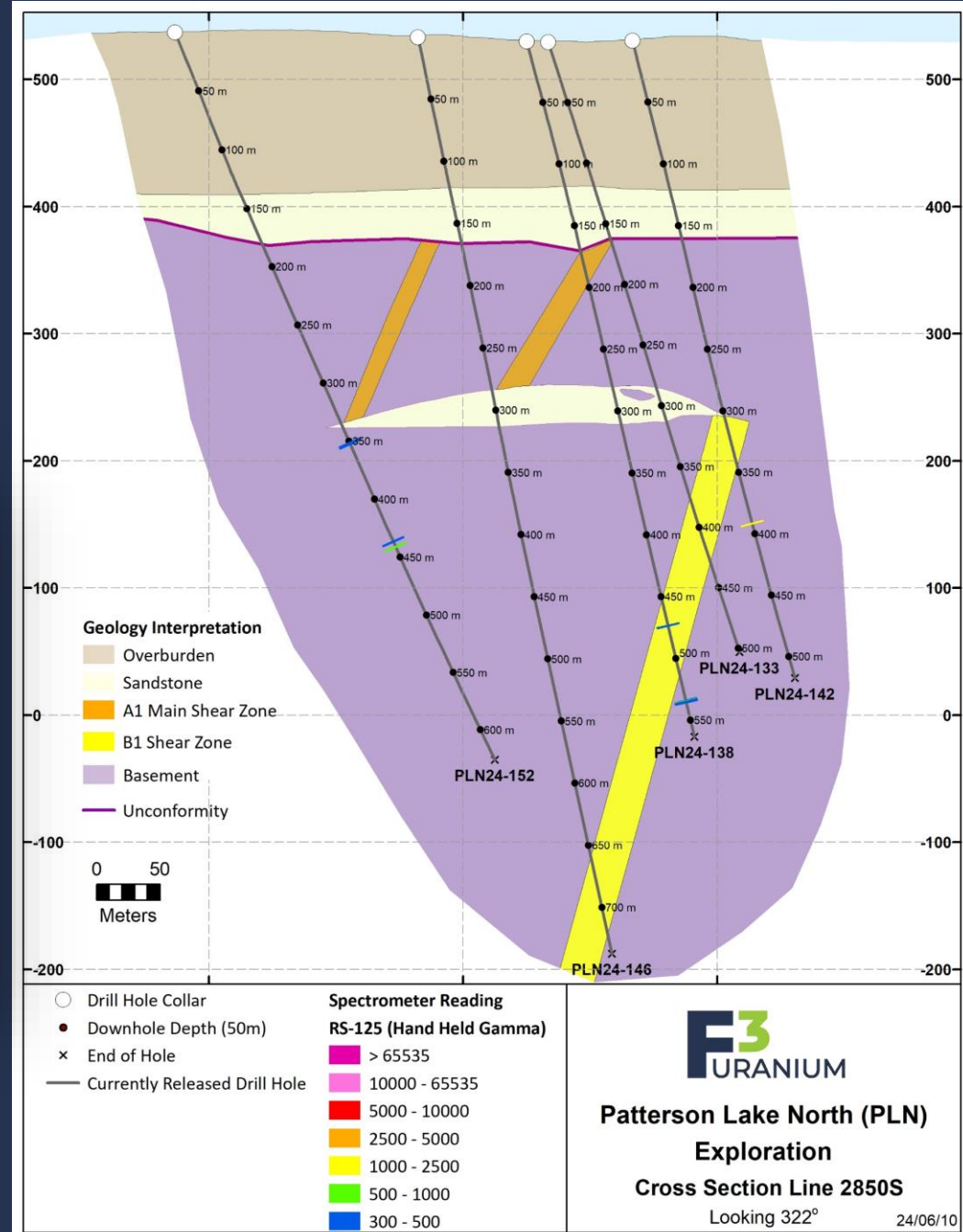




# PLN PROJECT

## B1 Shear Zone Discovery Exploration Drilling

Section Line 2850S  
(Current Program)





# B1 Conductor

## Hole PLN24-133 (line 2850S) Drill Core

Sandstone and Basement Alteration. Depth: 284.4-298.0m downhole





# A1: South of Harrison Fault Area

## Hole PLN24-152 (line 2850S) Drill Core Assay Results

Main A1 Shear Zone (348.0-356.7m), with up to 0.045% U<sub>3</sub>O<sub>8</sub> @ 352.0m, and North Horse Shear Zone (435.1-445.3m) with up to 0.051% U<sub>3</sub>O<sub>8</sub> @ 440.5m

A1 Main Shear



North Horse Shear





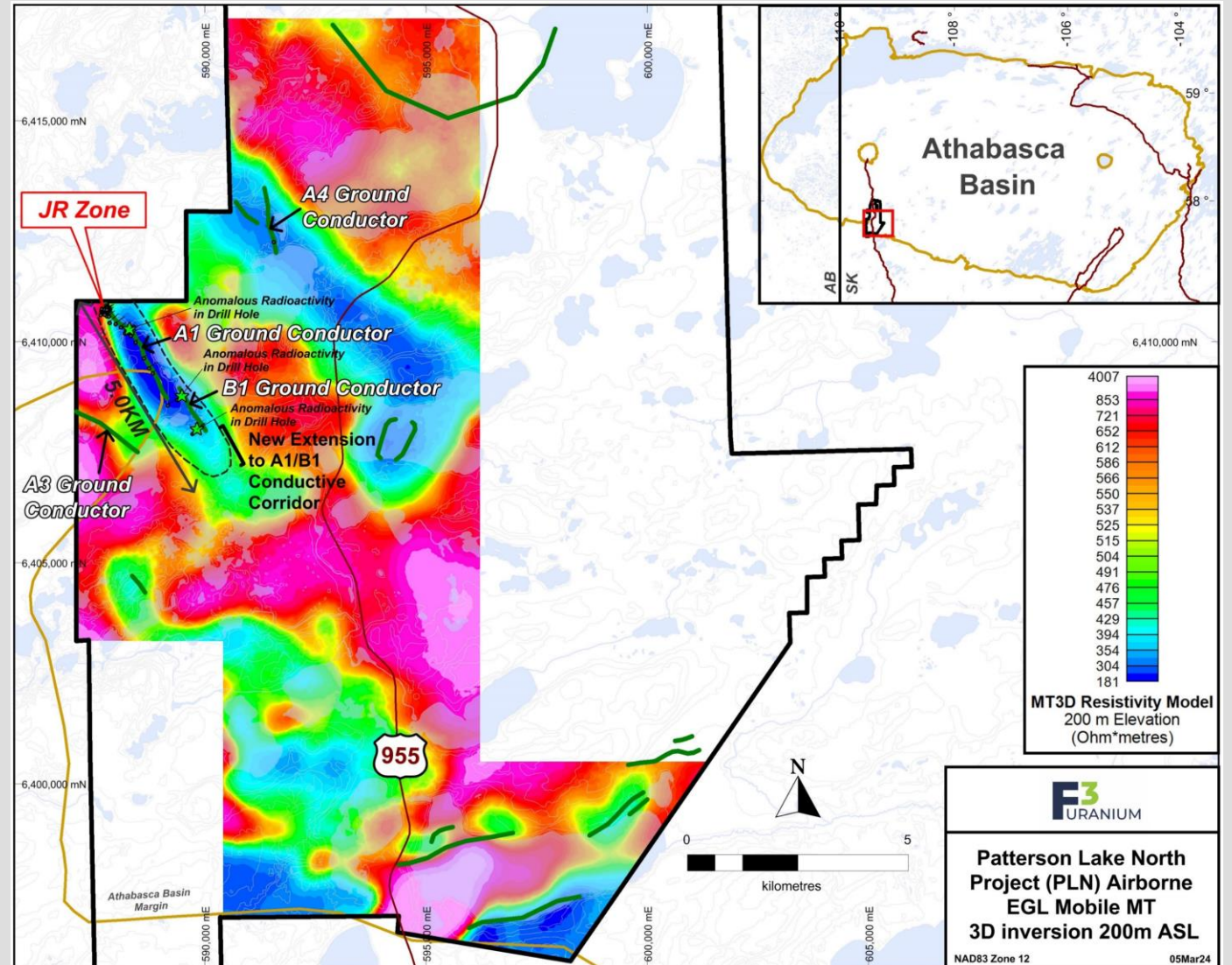
# PLN PROJECT: Mobile MT Airborne EM Survey

Extended length A1/B1 corridor which hosts JR Zone to **5.0 km**

A4 Corridor Defined – **8 km long**

Ground Gravity Survey in Progress to Develop Drill Targets along A4

A3 and A4 Regional Trends to be Drill Tested in **Summer 2024**



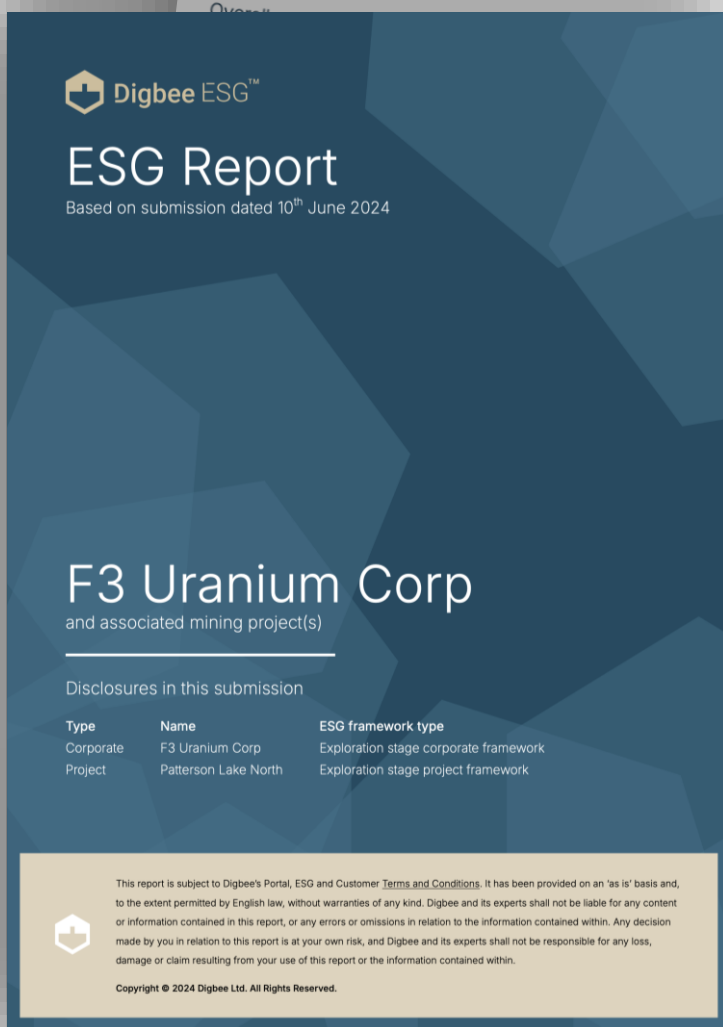


# F3 Uranium Corp. NOW ESG CERTIFIED



Digbee ESG™

F3 Uranium Corp. undertook and submitted a Digbee ESG disclosure on 10th June 2024. This comprised the completion of a set of comprehensive corporate and project questionnaires appropriate to the stage of our projects and mapped to Global Standards. These questionnaires required our provision of relevant data, narrative and supporting evidence. Our disclosure was board-approved prior to submission and assessed by independent mining ESG experts in order to produce an impartial rating.



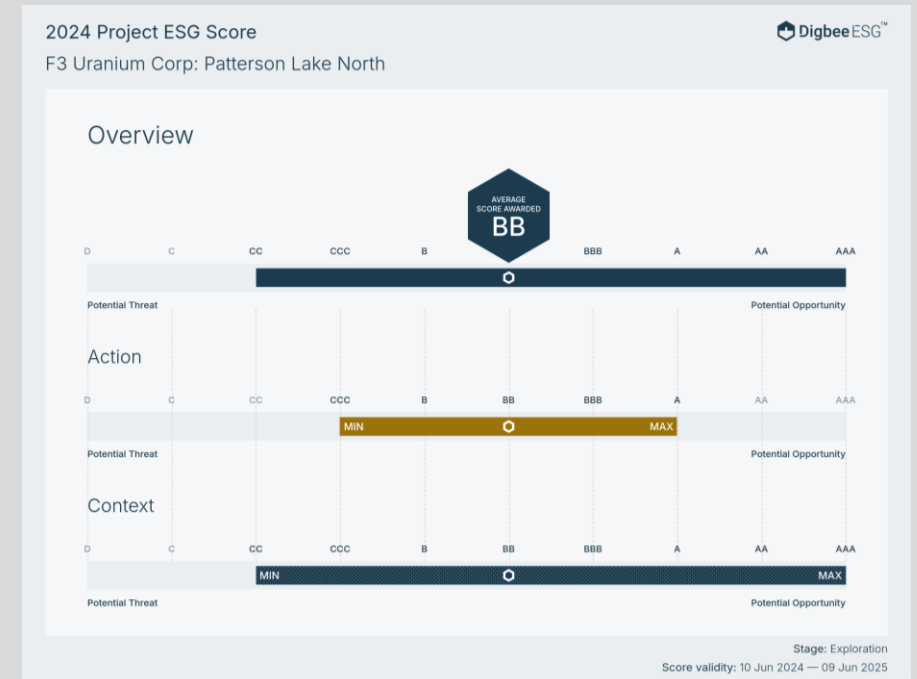
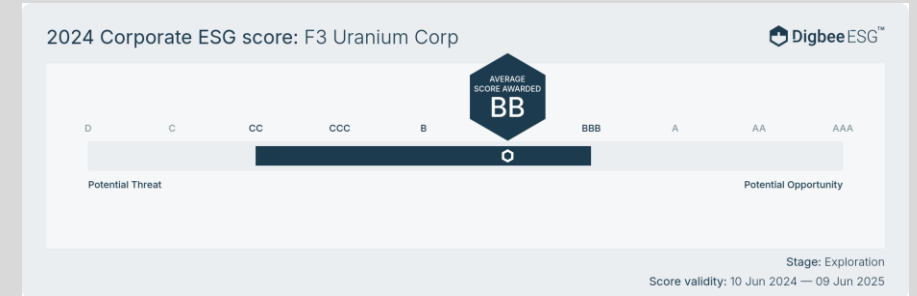
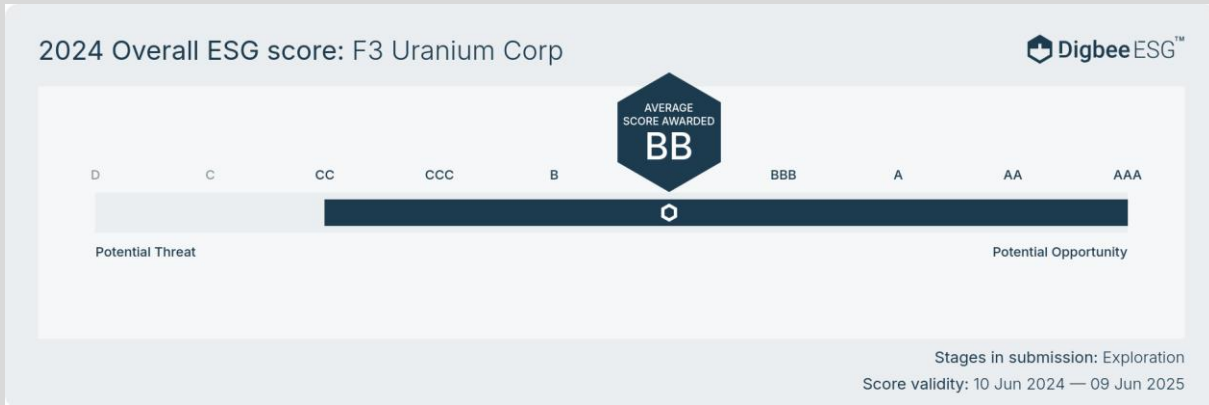
#### Why we chose Digbee ESG

- Frameworks designed specifically for the mining sector.
- Endorsed by leading sector and financial stakeholders.
- Frameworks aligned to Global Standards and regularly updated.
- Disclosures are manually assessed and peer reviewed by an independent team of ESG experts.
- Considered by many to provide the most credible ESG ratings for the mining sector.



Some of the Global Standards Digbee aligns to

# ESG: Our Awarded Ratings (June 2024)



▲ F3 Uranium Corp's overall ESG rating as of June 2024

Digbee assembled an independent team of suitably qualified Mining ESG experts to manually review our submission against a set of rigorous and standardised scoring criteria. These scores were then peer reviewed before being finalised to ensure accuracy and credibility. The overall score above is the calculated average of the corporate and project scores shown on the right. Context scores reflect the inherent risk of where we are operating and there is little that can be done to influence these, whereas the action scores reflect the action being taken by us to mitigate these risks.

# CORPORATE SUMMARY

## FINANCIAL SUMMARY

As of July 29, 2024

<b>Market Cap:</b>	<b>approx. C\$158 million</b>
<b>Cash:</b>	<b>approx. C\$28.9 million</b>
<b>Shares Outstanding:</b>	<b>473,413,381</b>
<b>Options &amp; RSUs:</b>	<b>78,357,312</b>
<b>Warrants:</b>	<b>38,211,588</b>
<b>Fully Diluted:</b>	<b>589,982,281</b>

## EXECUTIVE MANAGEMENT & BOARD

**Dev Randhawa**, MBA - Chairman, CEO, Director

**Raymond Ashley**, P. Geol. - President & COO, Director

**Ryan Cheung** – CFO

**John DeJoia** P. Geol. - Director

**Terrence Osier** P. Geol. – Director

**Laurie Thomas** - Director

## EXECUTIVE ADVISORY BOARD

**Ron Netolitzky**, P. Geol.

**Michael Halvorson**

# F3 MANAGEMENT TEAM



**Dev Randhawa,**  
Chairman & CEO

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



**Raymond Ashley, P. Geo.**  
President & COO

- Raymond has worked in the mineral exploration industry for 40 years. He was a key member of the technical team that discovered Ekati, Canada's first commercial diamond mine, Fission Energy's J Zone uranium deposit at Waterbury Lake and Fission Uranium's Triple R Deposit at the PLS Project.
- Ray headed up the technical team that has made the new JR uranium discovery at F3's PLN Project.



**Sam Hartmann, P. Geo**  
VP Exploration

- Sam is an established geologist with extensive experience with Athabasca uranium deposits. His experience ranges from exploration and discovery, resource drilling and definition to geotechnical work.
- Sam's previous company experience was with Fission Uranium where he was on the technical team that made the Triple R discovery in 2012 and over last decade took the project from discovery to feasibility, lastly as Chief Geologist.



# F3 TECHNICAL TEAM



**Raymond Ashley**, P. Geo.  
CEO, Director



**Sam Hartmann**, P. Geo.  
VP Exploration



**Erik Sehn**, P. Geo.  
Project Manager



**Ben Mortimore**, GIT.  
Project Manager



**Reid Stanger**, GIT. MGIS.  
Geotechnical Analyst

**Kira Lamanque** GIT. – Geotechnical Analyst  
**Sam Mann**, GIT. – Geotechnical Analyst  
**Emma Rutledge** BSc. – Geotechnical Analyst  
**Marcus Savery** BSc. – Geotechnical Analyst  
**Samantha Willis** GIT. – Geotechnical Analyst  
**Todd Mayer** – Lead Surveyor

**Kodi Bowman**, BSc., EPT – Environment, Health & Safety Officer  
**Caroline Harke**, MSc. Geol – Map Making / Website / Geochemistry  
**Vic Mitchell** – Geotechnical Consultant – GIS / Data Management / Research  
**Janet Stritychuck**, BSc. – Mineral Tenure Management  
**Steve Watson**, BBA – Operations Manager & Budget Analyst

TSX-V: **FUU** OTCQB: **OTCQB** FSE: **2F3A**

**For further info, contact:  
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**F3 Uranium Corp.**

Saskatchewan Uranium Explorer

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