

TSX-V: **FUU** OTCQB: **FUUFF** FSE: **GL7**

JANUARY 2025 INVESTOR PRESENTATION

F3 Uranium Corp.



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 F3 Uranium Corp. (the “Companies”) 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), unanticipated operational difficulties (including failure of 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 exploration and development of any properties; and the availability of financing on suitable terms for the planned activities, exploration 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 Raymond Ashley, P. Geo. President of Exploration for the Company. Mr. Ashley is a qualified person for the purposes of NI 43-101.

BUILDING SHAREHOLDER VALUE SINCE 1996



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

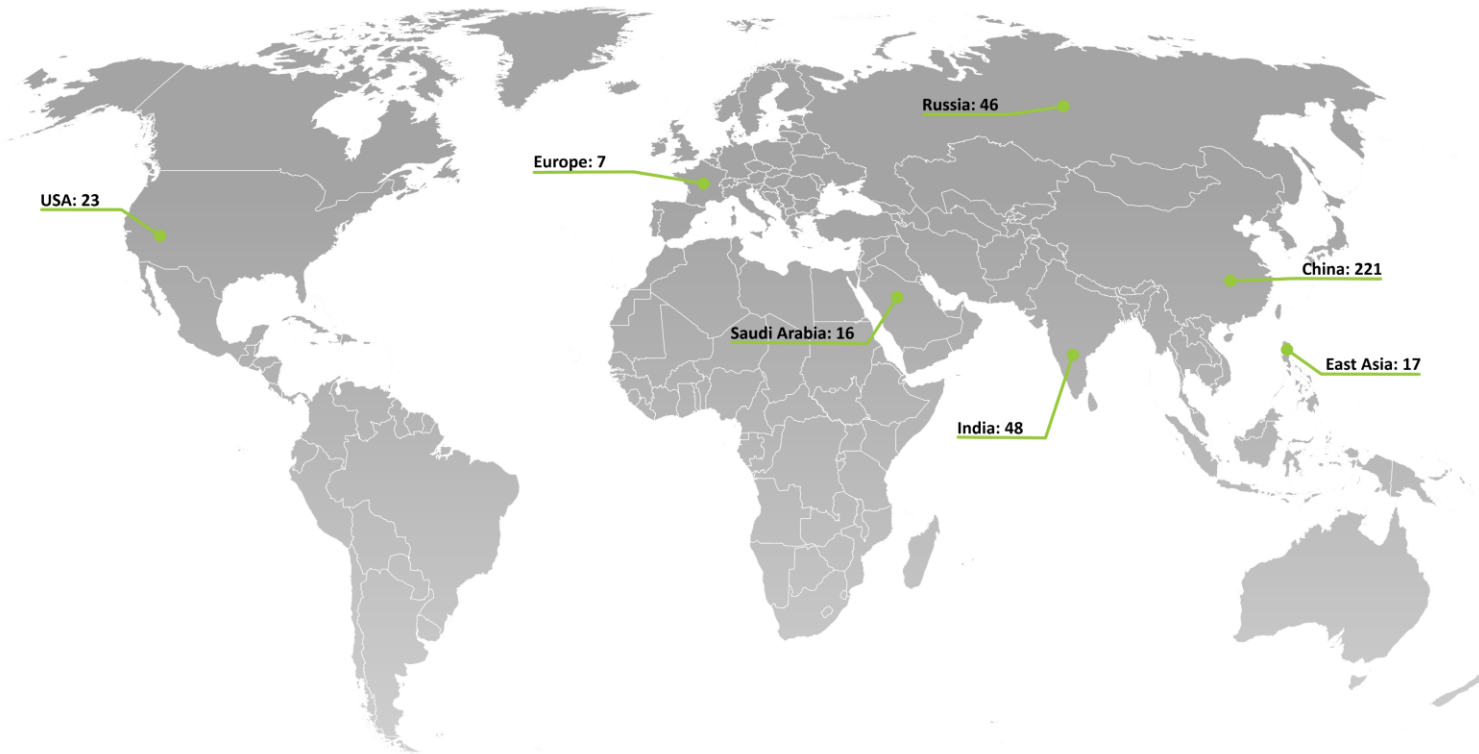
THE NORTHERN MINER 1915 Global Mining News
 ROSS McELROY and DEV RANDHAWA ♦ Winners, The Northern Miner Person of the Year 2013 Award

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.



Uranium Catalyst's

- AI: Amazon, Meta & Microsoft are all working on artificial intelligence. According to Bloomberg, the number of data centers has nearly doubled in the last 10 years & combined, they consume as much electricity as Italy. Microsoft has recently signed a deal to help restart the 3-Mile Island nuclear power plant. The company has agreed to purchase the entire electric generating capacity from 3 mile for the next 20 years. Amazon and Meta are also pursuing nuclear power facilities to help power their AI.
- EV's: The electrification of motor vehicles will require colossal amounts of energy in the form of charging stations as electric vehicles continue to increase in market share and popularity. Tesla had one of their best earnings quarters ever as they continue to grow & expand.
- Nuclear Reactor builds are now 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 & the geopolitical issues are having a negative effect on supply.
The current uranium shortfall is forecast to be approx. 75m – 100m lbs. within the next few years.
- Small Modular Reactors (SMR's) will be a major catalyst for nuclear once they are full commercialized. Amazon has signed 3 new agreements to support the development of nuclear projects including the construction of several new small modular reactors. Rolls Royce is also researching SMR manufacturing.

ATHABASCA BASIN

Highest Grade Uranium in the World

+60



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

13.2%



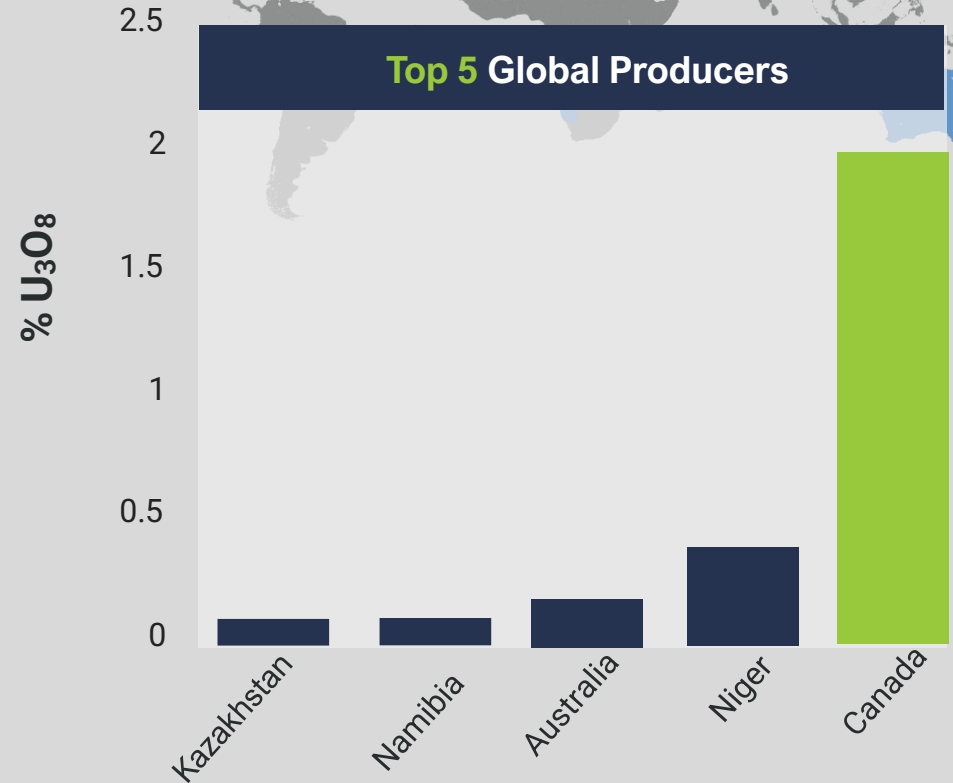
Of the world's uranium.

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.



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



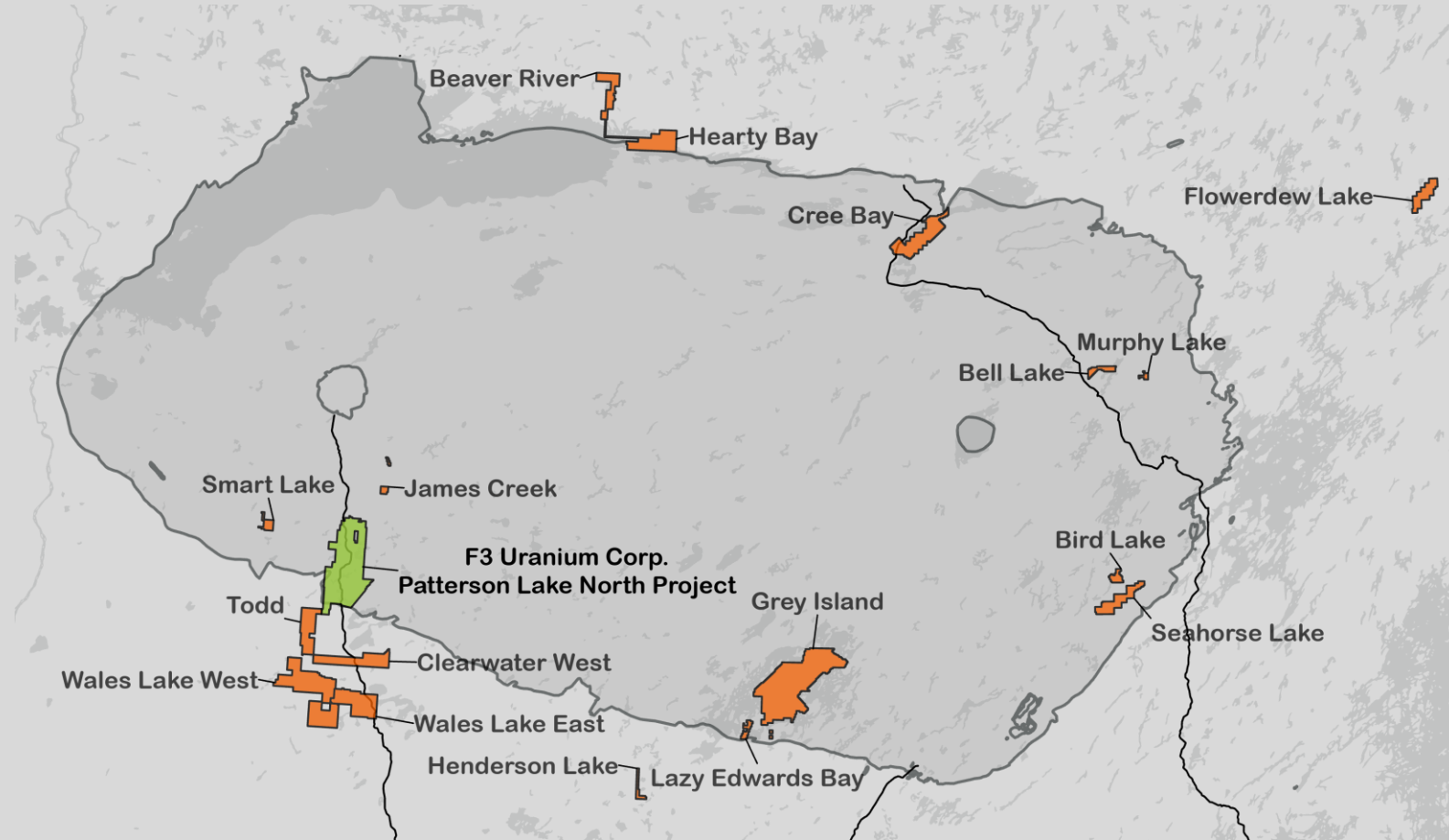
EXCEPTIONAL **ATHABASCA BASIN** PORTFOLIO:



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**.



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."*



\$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."*

DRILLING HIGHLIGHTS

- Nov 21, 2022:** High Grade Discovery Hole PLN22-035 (**15.0m @ 7% U₃O₈** including **5.5m @ 18.6%**)
- Mar 27, 2023:** High Grade Intercept Hole PLN23-060 (**14.5m @ 9.4% U₃O₈** including **5.0m @ 26.7%**)
- Jun 12, 2024:** High Grade Intercept Hole PLN24-116 (**12.0m @ 7.6% U₃O₈** 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**.

Drilling Continues:

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."

EXPLORATION

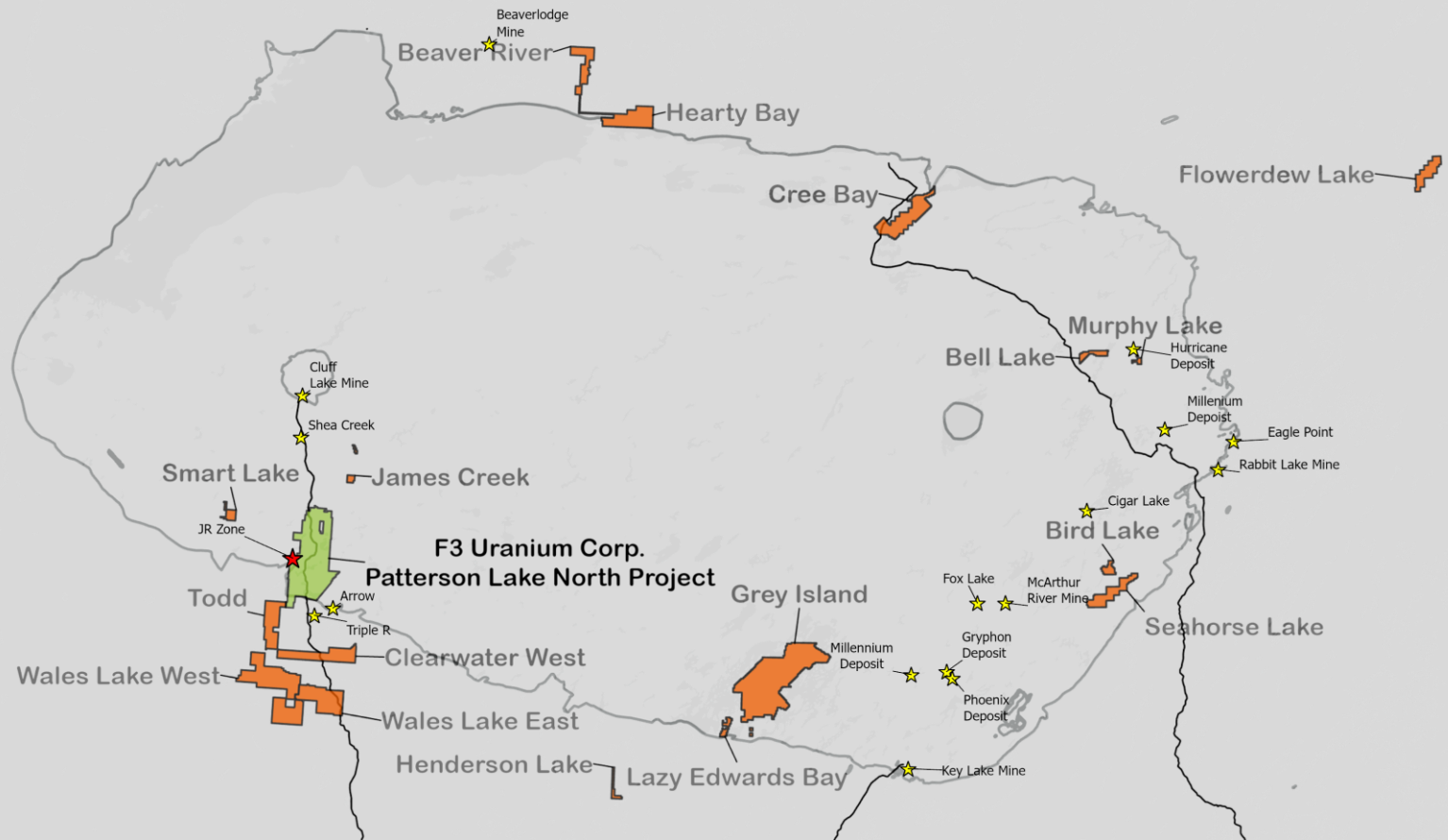


2022 Exploration

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

2023 & 2024 Exploration

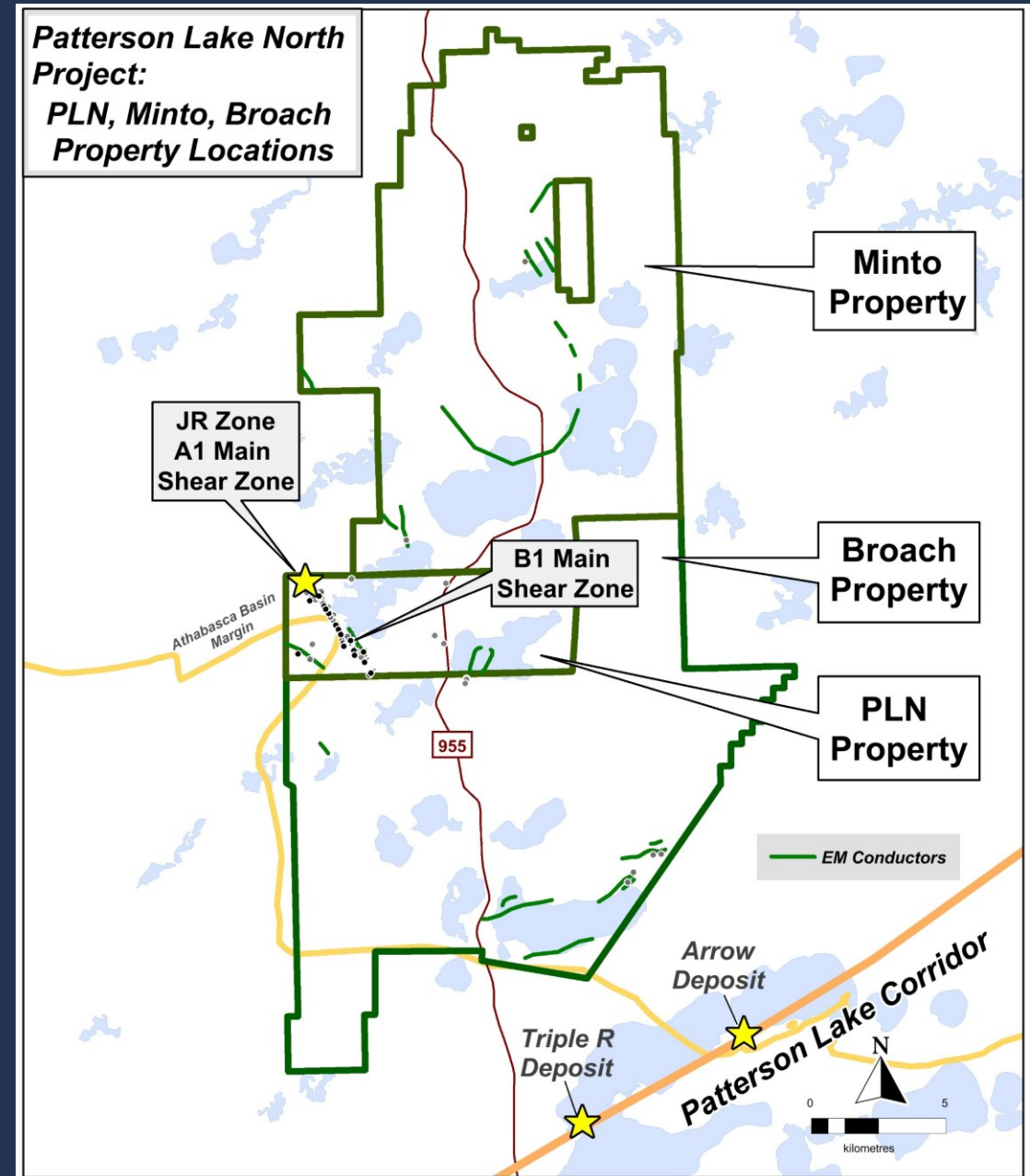
- Focus on New Discovery
- PLN – JR Zone Drilling and Exploration for New Uranium Pods



PROPERTY HIGHLIGHTS

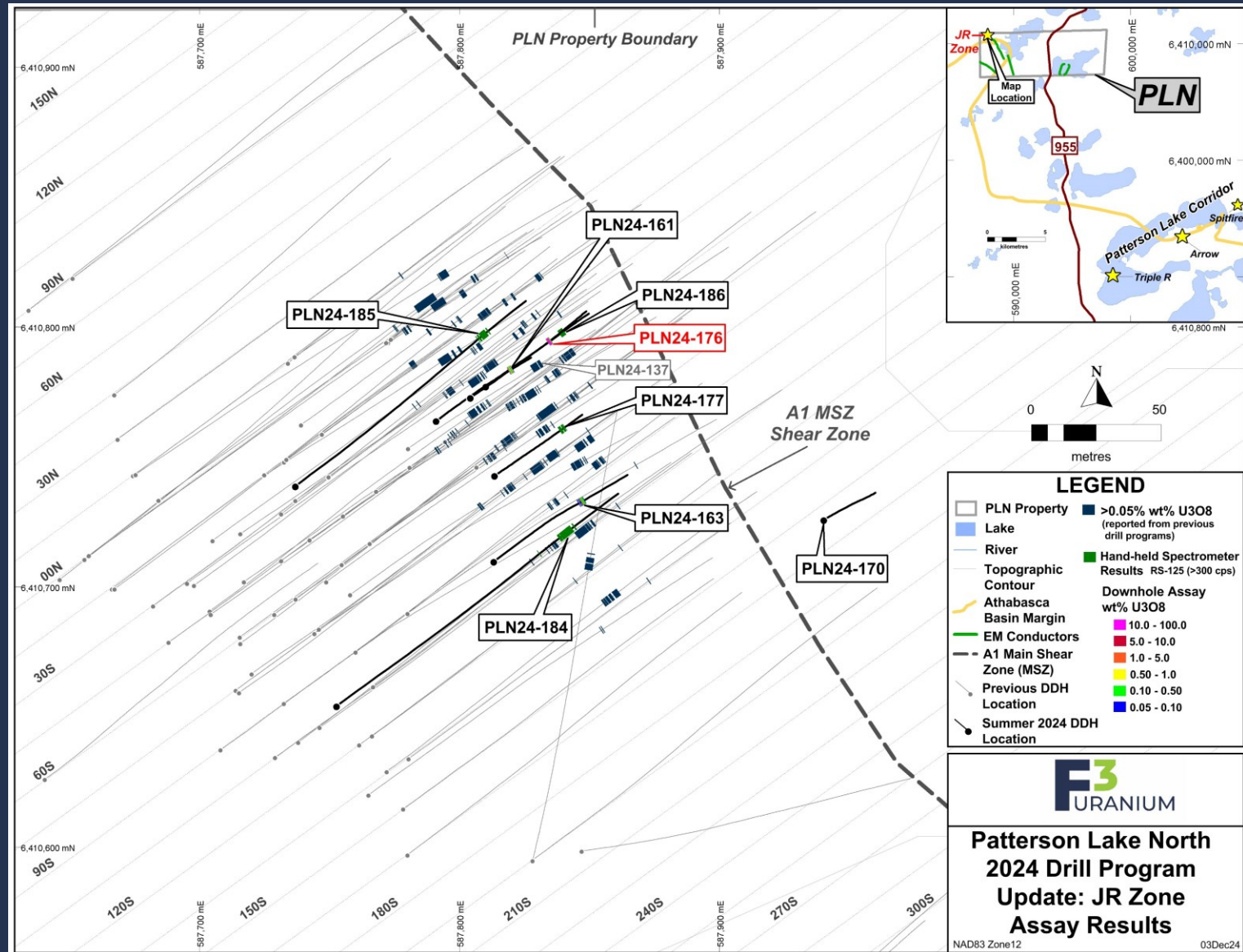
PLN PROJECT

Three properties totaling
106,159 acres (~35km x 15km)



PLN PROJECT

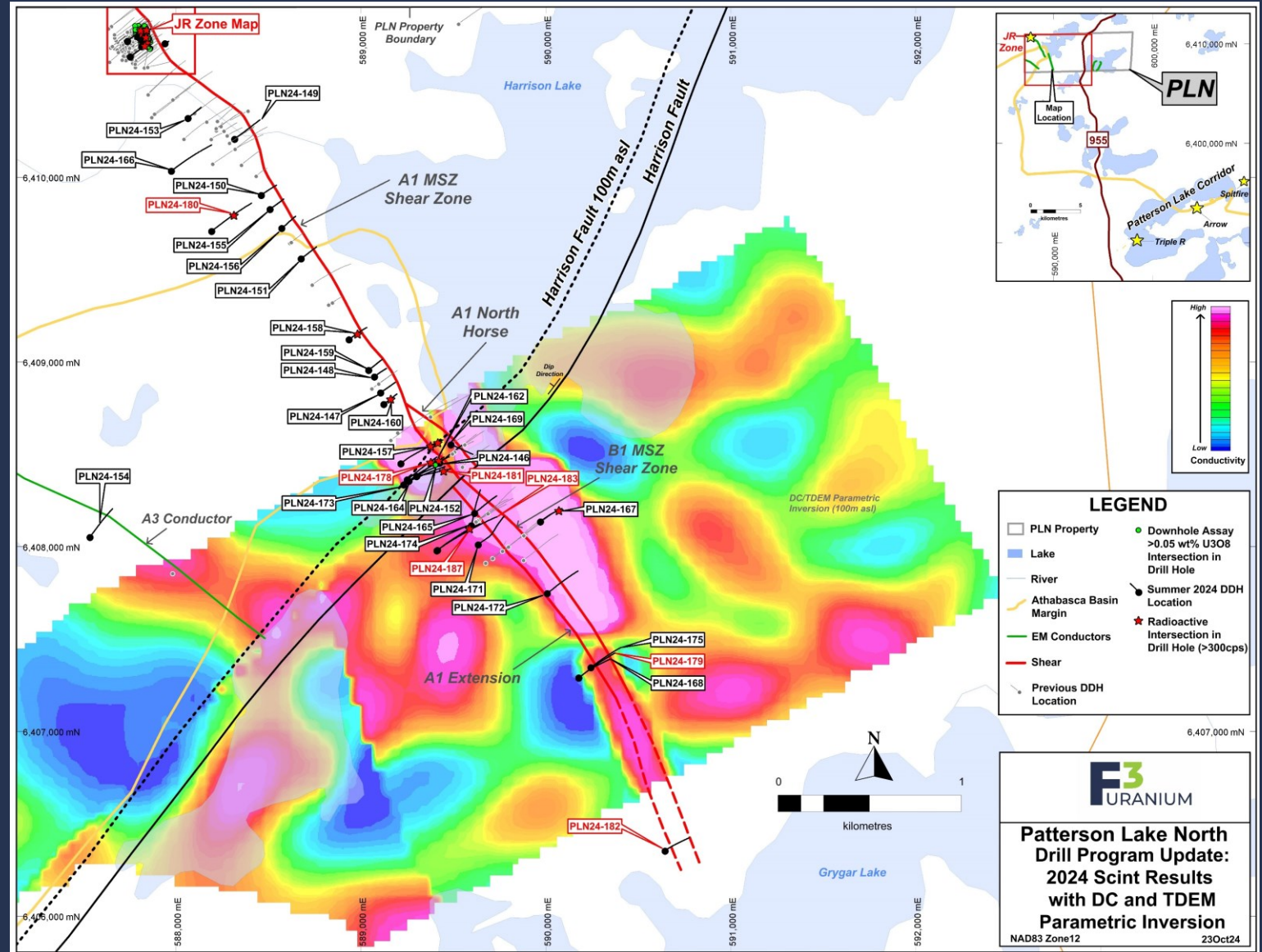
2024 JR Zone Expansion Drilling



PLN PROJECT

Summer Drilling

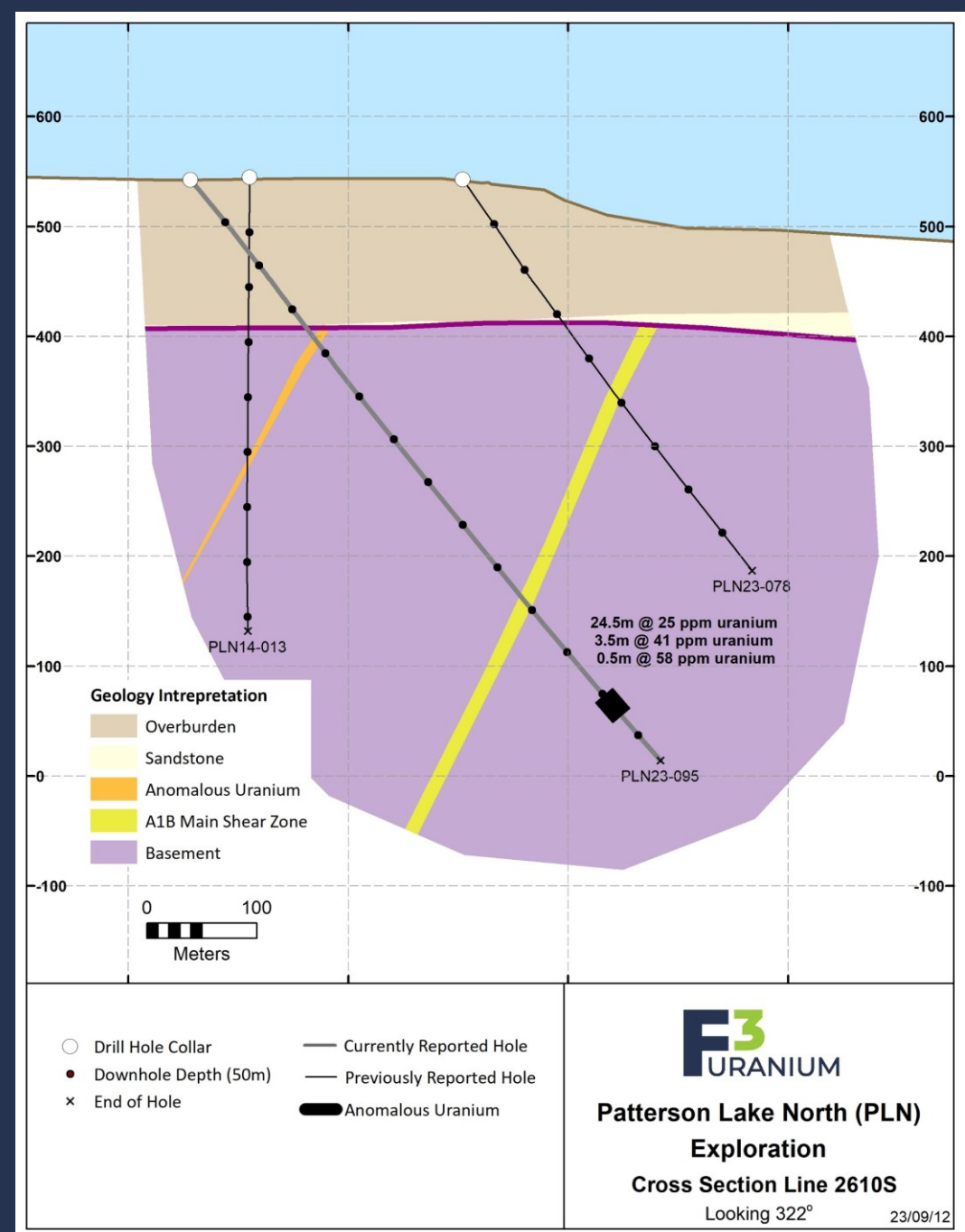
- JR Zone Expansion
- A1 / B1 Exploration



PLN PROJECT

Exploration Drilling B1 Shear Zone Discovery

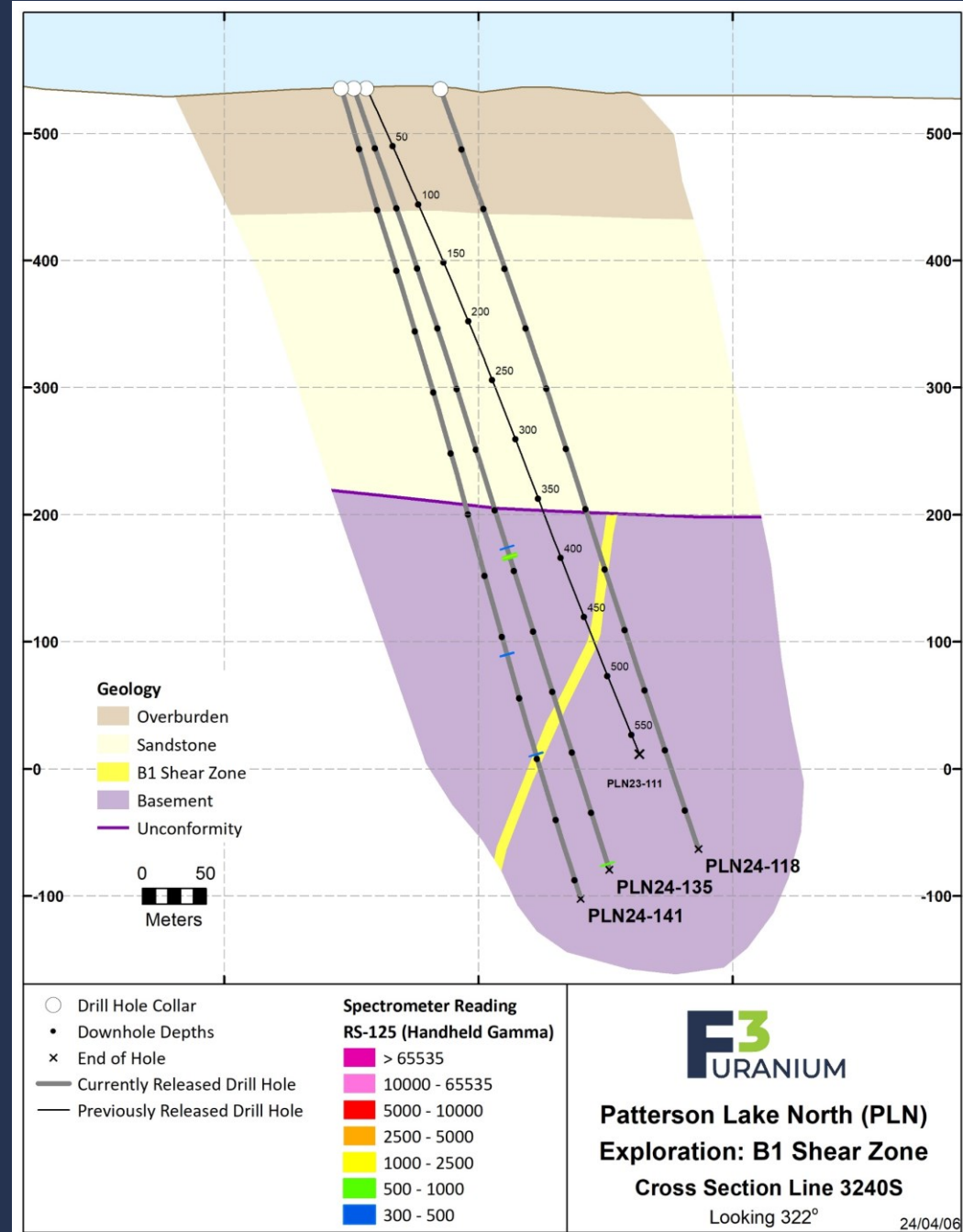
Section Line 2610S



PLN PROJECT

Exploration Drilling Evidence for Major Cross Fault

Section Line 3240S



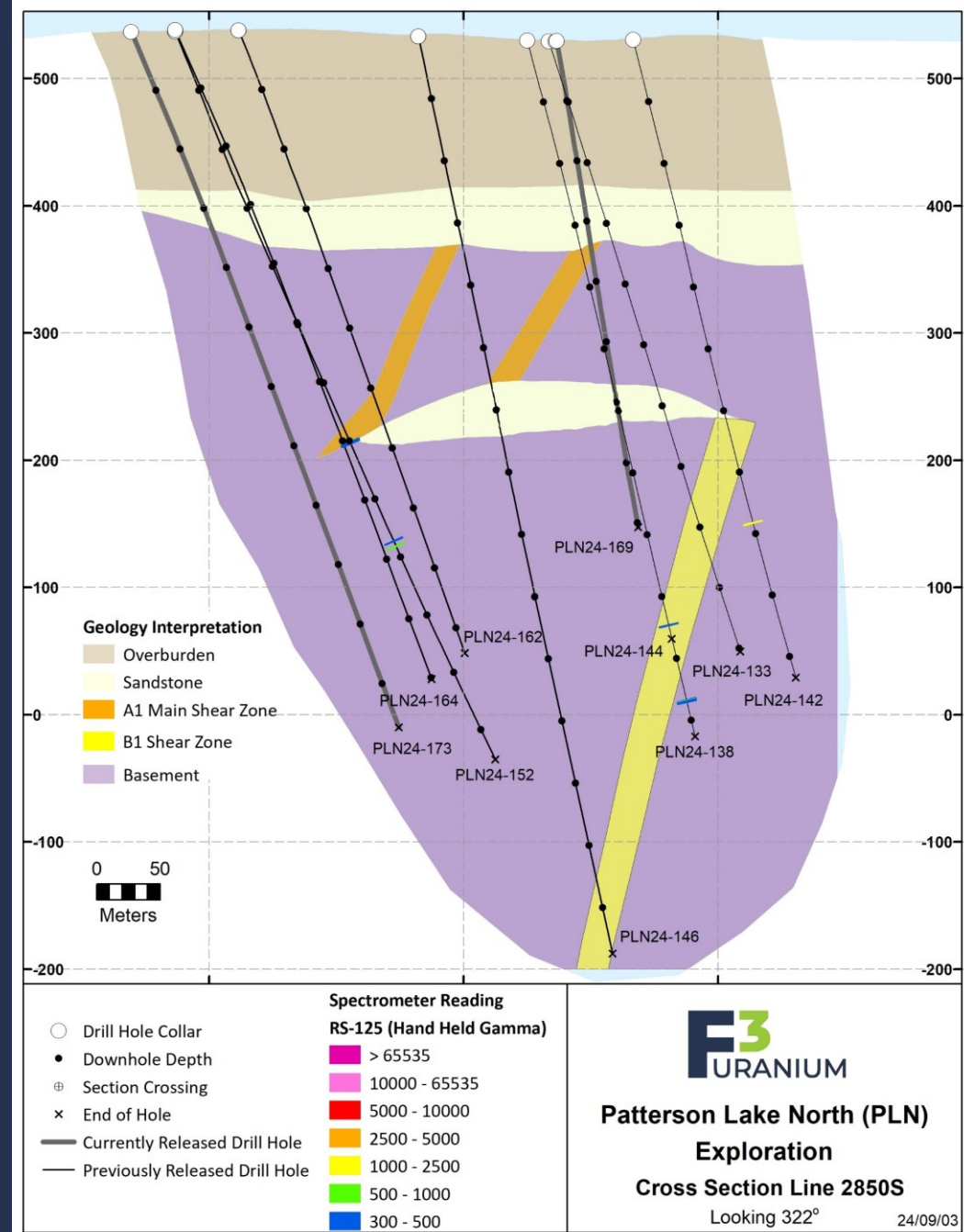
F3 URANIUM

Patterson Lake North (PLN)
Exploration: B1 Shear Zone
Cross Section Line 3240S
 Looking 322°
 24/04/06

PLN PROJECT

Exploration Drilling Discovery of Major Cross Fault and North Horse Splay at A1/B1 Shear Zones

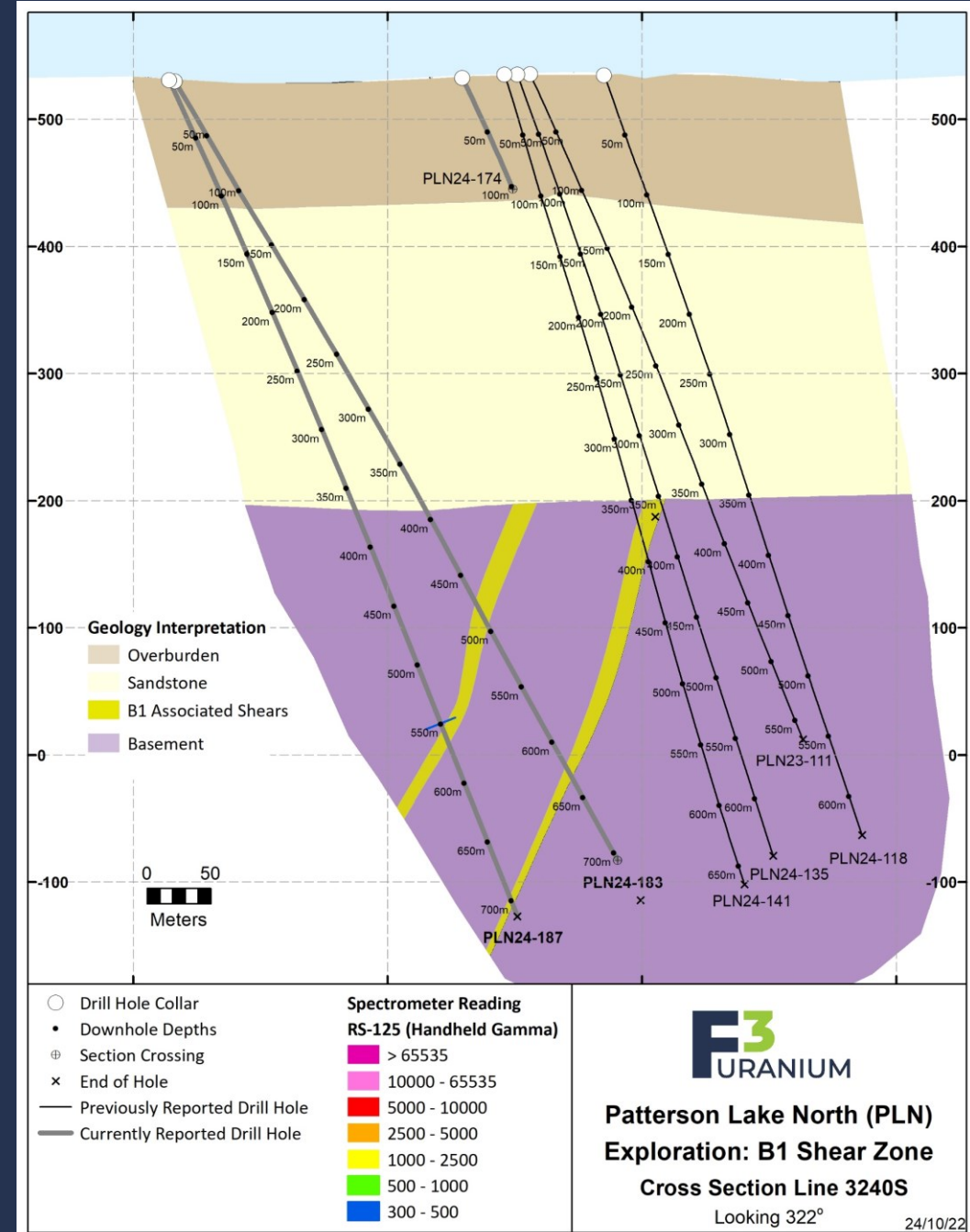
Section Line 2850S
(Current Program)



PLN PROJECT

Exploration Drilling Discovery of A1 Shear Extension Parallel to B1 Shear Zone

Section Line 3240S
(Current Program)



B1 Conductor

Hole PLN24-133 (line 2850S) Drill Core

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



AI Extension: South of Harrison Fault Area

Hole PLN24-187 (line 3240S) Drill Core Scintillometer Results

Shear Zone Mineralization (549.0-549.5m with 300 cps on an RS-125)



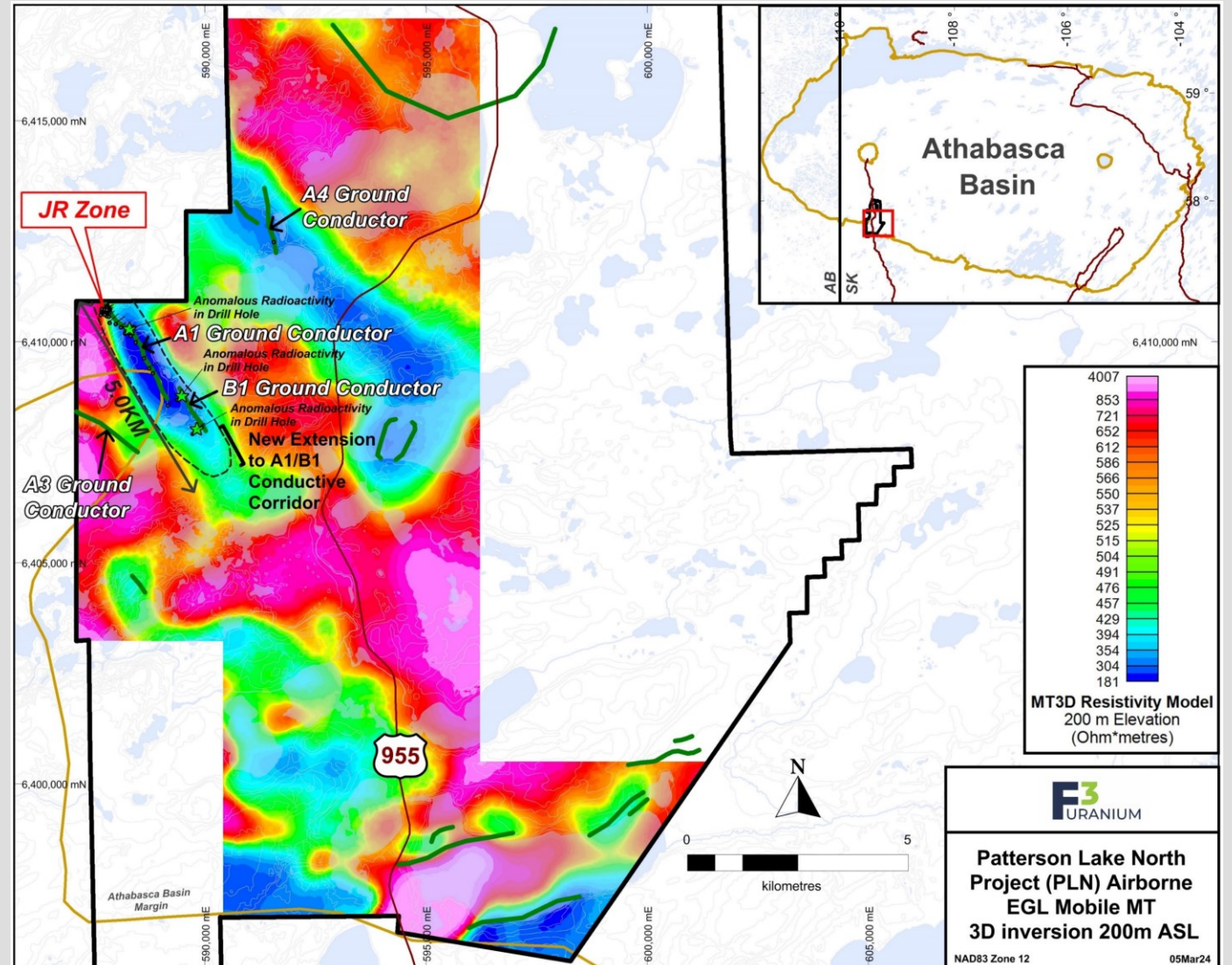
PLN PROJECT: Mobile MT Airborne EM Survey

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

PW and A4 Regional Trends to be Drill Tested in **Winter 2024**

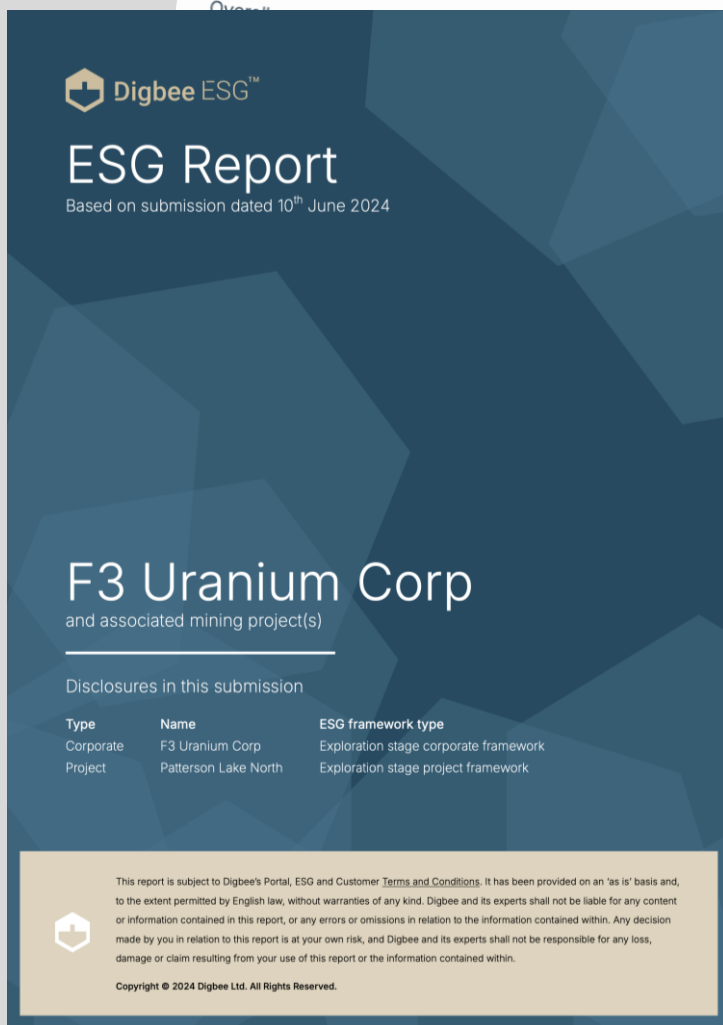


F3 Uranium Corp. NOW ESG CERTIFIED



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.



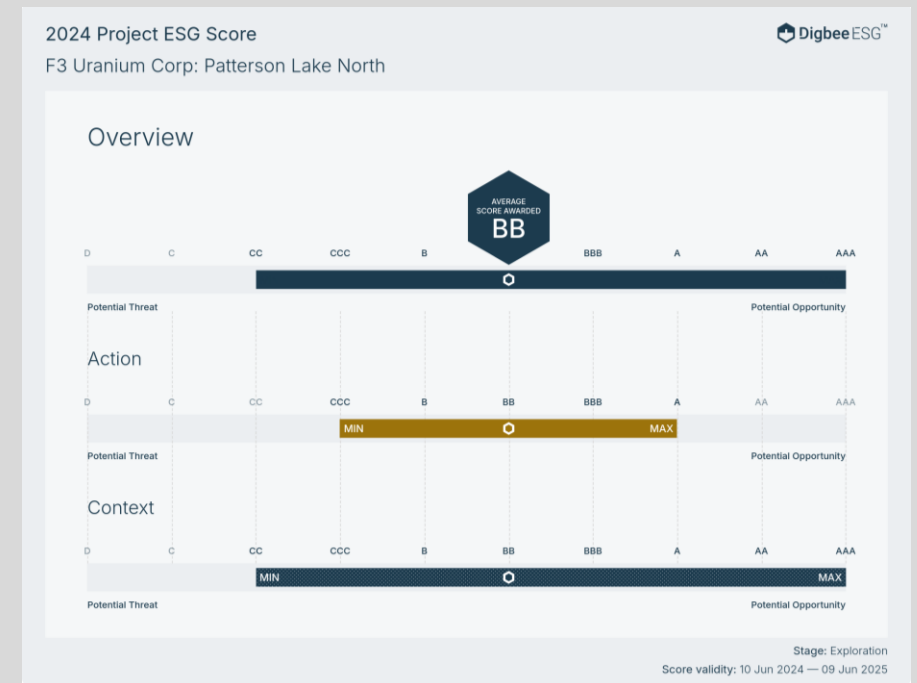
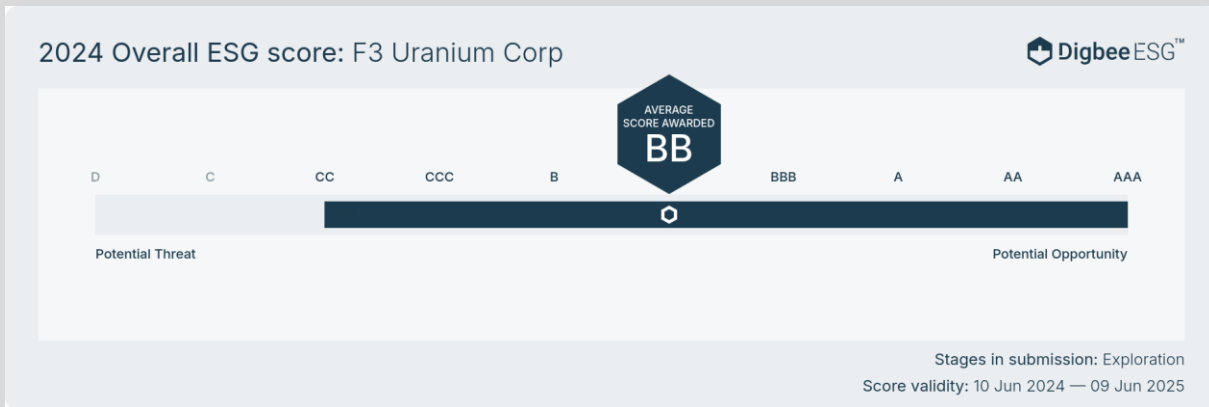
Why we chose Digbee ESG

- 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 standardized scoring criteria. These scores were then peer reviewed before being finalized 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.

**David Talbot – Managing Director, Mining Analyst
Red Cloud Securities**

**Puneet Singh – Equity Research Analyst, Metals & Mining
Eight Capital**

**Justin Chan - Mining Analyst,
SCP Resource Finance**

**Marcus Gianni – Research Analyst, Mining
Haywood Securities Inc.**

**Nicolas Dion, Analyst Equity Research, Mining
Cormark Securities**

CORPORATE SUMMARY

FINANCIAL SUMMARY

As of January 14, 2025

Market Cap:	approx. C\$128million
Cash:	approx. C\$22,2million
Shares Outstanding:	517,941,933
Options & RSUs:	42,254,541 – 29,884,047
Warrants/Debenture	58,105,971 – 26,468,813
Fully Diluted:	673,755,305

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

Rebecca Greco - Director

EXECUTIVE ADVISORY BOARD

Ron Netolitzky, P. Geol.

Michael Halvorson

F3 MANAGEMENT TEAM

Dev Randhawa,
CEO & Director



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

Raymond Ashley, P. Geo.
President & Director



- 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 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.
President & Director

Sam Hartmann, P. Geo
VP Exploration

Erik Sehn, P. Geo
Project Manager

Bennett Mortimore, GIT
Project Manager

Reid Stanger, GIT
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
Erika Pfannschmidt BSc. – Jr. Geotechnical Analyst
Taylor Brown BSc.– Jr. Geotechnical Analyst

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
Todd Mayer – Lead Surveyor

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

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F3 Uranium Corp.

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