# F3 Hits 12.0% U308 Over 2.0m Within 2.66% Over 10.5m

written by Raj Shah | October 29, 2024
Discovers Al Shear Extension 3.2km South of JR

October 29, 2024 (Source) – F3 Uranium Corp (TSXV: FUU) (OTC Pink: FUUFF) ("F3" or "the Company") is pleased to announce assay results for thirteen drillholes of the ongoing 2024 drill program on the PLN Property, including PLN24-161 at the JR Zone (see NR August 13, 2024) which returned 10.5m of 2.66%  $U_3O_8$ , including a high grade 2.0m interval averaging 12.0%  $U_3O_8$ , further including an ultra-high grade core of 0.5m of 20.7%  $U_3O_8$ . Significant mineralization over a 13.5m interval was intersected in PLN24-184 on line 105S at JR, including 1.5m offscale radioactivity (>65,535 cps) between 235.60 and 240.10m.

Exploration drilling focused mainly on the B1 area close to, and south of the Harrison Fault, with a number of very prospective drill holes, highlighted by PLN24-187 which was drilled on line 3240S, approximately 400m south of the Harrison Fault, and on section with PLN24-183. PLN24-183 was the first hole to intersect what is interpreted to be the southern extension of the A1 shear zone hosting the JR Zone. Due to encouraging alteration and intense shearing a down dip hole was drilled, and PLN24-187 encountered intense alteration and anomalous radioactivity (see Table 1 and Photo 1).

Sam Hartmann, Vice President Exploration, commented:

"Today's update includes scintillometer results of drilling in the JR Zone, where three holes successfully targeted high grade mineralization in areas of lower drill hole density, as well as high-grade assay results of drillholes completed and previously announced earlier in the program. Exploration drilling south of the Harrison Fault discovered the A1 Shear Extension, ~400m beyond the previously interpreted southern extent of the A1 shear, as a discrete continuation, and parallel to the B1 structures. This potential for stacked and parallel structure south of Harrison Fault provides further high priority drill targets for high grade uranium mineralization."

JR Zone Assay Highlights:

**PLN24-161** (line 035S):

■ **10.5m** @ **2.66**% **U**<sub>3</sub>**0**<sub>8</sub> (206.5m to 217.5m), including:

■ 2.0m @ 12.0% U<sub>3</sub>O<sub>8</sub> (207.5m to 209.5m), further including:

• 0.5m @ 20.7% U<sub>3</sub>O<sub>8</sub> (208.0m to 208.5m)

**PLN24-163** (line 095S):

■ **13.0m** @ **0.45**% **U**<sub>3</sub>**0**<sub>8</sub> (197.0m to 210.0m), including:

• **2.5m** @ **1.77** % **U**<sub>3</sub>**O**<sub>8</sub> (204.0m to 206.5m)

JR Zone Handheld Spectrometer Highlights:

**PLN24-184** (line 105S):

 13.5m mineralization from 228.5m - 242.0m, including
 3.80 m cumulative mineralization of >10,000 cps radioactivity between 233.00m - 240.30m, including 1.5m cumulative off-scale radioactivity (>65,535 cps) between 235.60 -240.10m

**PLN24-185** (line 025S)

 13.0m mineralization from 218.0m - 231.0m, including
 2.30 m cumulative mineralization of >10,000 cps radioactivity between 223.00m - 230.50m, including 0.5m cumulative off-scale radioactivity (>65,535 cps) between 223.00 -2424.00m

Exploration Handheld Spectrometer Highlights:

PLN24-178 (line 2835S): B1 Exploration

0.5m radioactivity from 446.5m – 447m with a peak of 310 cps

PLN24-180 (line 1125S): A1 South Exploration

0.5m radioactivity from 319.0m - 319.5m with a peak of 700 cps

PLN24-181 (line 2880S): B1 Exploration

O.5m radioactivity from 377.5m - 378.0m with a peak of 360 cps

PLN24-187 (line 3240S): B1 Exploration

0.5m radioactivity from 549.0m - 549.5m with a peak of 300 cps



Figure 1: JR Zone Assay and Spectrometer Results
To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/8110/228040\_figure1.jpg



# Figure 2: 2024 Drilling on A1 and B1 Shear Zones and new A1 Shear Extension

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/8110/228040\_plndrill2.jpg

Al 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)





Photo 1. Al Extension in PLN24-187

To view an enhanced version of this graphic, please visit: <a href="https://images.newsfilecorp.com/files/8110/228040\_2deb68b6544e78">https://images.newsfilecorp.com/files/8110/228040\_2deb68b6544e78</a> <a href="https://images.newsfilecorp.com/files/8110/228040\_2deb68b6544e78">https://images.newsfilecorp.com/files/8110/228040\_2deb68b6544e78</a> <a href="https://images.newsfilecorp.com/files/8110/228040\_2deb68b6544e78">https://images.newsfilecorp.com/files/8110/228040\_2deb68b6544e78</a>

Table 1. Drill Hole Summary and Uranium Assay Results

Collar Information							Assay Results					
							From	То	Interval			
Hole ID	Grid Line	Easting	Northing	Elevation	Az	Dip	(m)	(m)	(m)	U <sub>3</sub> O <sub>8</sub> weight %		
PLN24-153	555S	588064.37	6410321.99	534.56	-72.0	55.6	A1 Exploration; no mineralization >0.05					
PLN24-154	2100S	587534.07	6408053.06	531.83	-60.2	35.9	A3 Exploration; no mineralization >0.05					
PLN24-155	1215S	588507.31	6409827.87	536.43	-69.9	58.0	A1 Exploration; no mineralization >0.05					
PLN24-156	1335S	588571.28	6409726.11	543.90	-70.0	53.2	A1 Exploration; no mineralization >0.05					
PLN24-157	2745S	589215.28	6408451.38	540.75	-65.3	54.2	A1 Exploration; no mineralization >0.05					
PLN24-158	2040S	588934.86	6409122.90	543.88	-70.1	56.5	A1 Exploration; no mineralization >0.05					
PLN24-159	2235S	589041.26	6408957.53	543.16	-70.5	52.4	A1 Exploration; no mineralization >0.05					
PLN24-160	2430S	589122.80	6408773.08	543.36	-71.5	59.0	A1 Exploration; no mineralization >0.05					
PLN24-161	035S	587790.97	6410763.91	546.37	-80.3	57.0	206.50	207.50	1.00	0.19		
							207.50	209.50	2.00	12.0		
						incl	208.00	208.50	0.50	20.7		
							209.50	217.00	7.50	0.49		
						incl	215.50	216.00	0.50	2.31		
PLN24-162	2850S	589301.35	6408383.61	538.03	-67.9	54.5	A1 Exploration; no mineralization >0.05					
PLN24-163	095S	587813.11	6410709.84	546.85	-78.5	52.4	197.00	204.00	7.00	0.09		
							204.00	206.50	2.50	1.77		
						incl	205.50	206.00	0.50	3.32		
							206.50	210.00	3.50	0.24		
PLN24-164	2880S	589259.50	6408356.75	538.22	-65.3	68.9	A1 Exploration; no mineralization >0.05					
PLN24-165	3195S	589613.77	6408183.67	535.01	-72.4	55.0	B1 Exploration; no mineralization >0.05					

Assay composite parameters:

- 1: Minimum Thickness of 0.5 m
- 2: Assay Grade Cut-Off: 0.05% U308 (weight %)
- 3. Maximum Internal Dilution: 2.0 m

Table 2. Drill Hole Summary and Handheld Spectrometer Results

Collar Information							* Hand-held Spectrometer Results On Mineralized					
							From	tore (>300 cps To	/ >0.5m minii	mum)	Athabasca Unconformity	Total Drillhole
Hole ID	Section Line	Easting	Northing	Elevation	Az	Dip	(m)	(m)	Interval (m)	Max CPS	Depth (m)	Depth (m)
PUN24-178	28355	589250.1	6408364.9	537.6	-66.5	53.5	446.50 B1 /	4417.00 MSZ Exploratio	0.50	310 tivity	175.4	554
PLN24-179	4245S	590177.8	6407292.3	542.2	-64.3	54.2		>30	0 cps		372.8	533
PLN24-180	11255	588192.3	6409710.1	542.3	-60.1	54.4	319.00	319.50	0.50	700	n.a. 200.0, 308.6,	556
PLN24-181	2880S	589300.5	6408383.0	539.6	-65.1	79.3	377.50	378.00	0.50	360	360.3	466
PLN24-182	52805	590644.1	6406355.3	539.2	-71.8	53.6	B1	MSZ Exploratio >30	n; no radioac 0 cos	tivity	342.7	446
							B1 MSZ Exploration; no radioactivity					
PLN24-183	3240S	589413.8	6407982.6	530.1	-59.0	54.1	207.50	>30	0 cps	540	392.6	743
PLN24-184	1055	587752.6	6410654.2	544.6	-62.1	53.2	207.50	208.00	0.50	980	194.4	290
							229.00	229.50	0.50	560		
							229.50 230.00	230.00 230.50	0.50	1100 540		
							230.50	231.00	0.50	<300		
							231.00	231.50	0.50	2400		
							232.00	232.50	0.50	680		
							232.50	233.00	0.50	540		
							233.50	233.80	0.30	22100		
							233.80	234.00	0.20	9900		
							234.50	235.00	0.50	7200		
							235.00	235.50	0.50	8700		
							235.50	235.60	0.10	>65535		
							235.90	236.00	0.10	65500		
							236.00 236.50	236.50 237.00	0.50	550 16900		
							237.00	237.50	0.50	730		
							237.50 238.00	238.00 238.15	0.50	1700		
							238.15	238.50	0.35	>65535		
							238.50	238.65	0.15	65500		
							239.00	239.20	0.20	23300		
							239.20	239.50	0.30	9900		
							239.50	239.60	0.10	65500 >65535		
							240.00	240.10	0.10	>65535		
							240.10 240.30	240.30 240.50	0.20	65500 9900		
							240.50	241.00	0.50	520		
							241.00	241.50	0.50	620 440		
							244.00	244.50	0.50	750	1	
							244.50	245.00	0.50	810		
PLN24-185	0255	587736.8	6410738.8	545.3	-65.9	52.9	218.00 218.50	218.50 219.50	0.50	570 <300	197.2	278
							219.50	220.00	0.50	800		
							220.00 220.50	220.50 221.00	0.50	630 380		
							221.00	222.00	1.00	<300		
							222.00	222.50	0.50	6100		
							223.00	223.30	0.30	>65535		
							223.30	223.50	0.20	59400		
							223.50	223.80	0.30	>65535		
							224.00	224.50	0.50	46700		
							224.50 224.85	224.85 225.00	0.35	23200 9800		
							225.00	225.25	0.25	17600		
							225.25	225.50 226.00	0.25	9100 8300		
							226.00	226.50	0.50	4600		
							226.50	227.00	0.50	8000		
							227.50	228.00	0.50	380		
							228.00	228.50	0.50	800		
							228.50	230.00 230.30	0.30	<300		
							230.30	230.50	0.20	33000		
PLN24-186	0355	587810.1	6410777.2	545.7	-79,2	50.9	230.50 186.50	231.00 187.00	0.50	1100 360	175.0	263
							187.00	187.50	0.50	810		
							187.50	188.00	0.50	310		
							188.50	189.00	0.50	<300		
							189.00	189.50	0.50	560		
							189.50	190.00	0.50	1100		
							190.50	191.00	0.50	1700		
							191.00 191.50	191.50 191.65	0.50	2400 4100		
							191.65	192.00	0.35	13100		
							192.00	192.50	0.50	2600		
							193.00	193.50	0.50	13300		
							193.50	194.00	0.50	9400		
							194.00 194.50	194.50 195.00	0.50	2800		
							195.00	195.50	0.50	3500		
							195.50 196.00	196.00 196.50	0.50	330 1700		
							196.50	197.00	0.50	1300		
PI N24-187	32405	589410.2	6407980.4	530 R	-65.4	53.8	197.00	197.50 549.50	0.50	470	373.0	713

Handheld spectrometer composite parameters:
1: Minimum Thickness of 0.5m
2: CPS Cut-Off of 300 counts per second
3: Maximum Internal Dilution of 2.0m

Natural gamma radiation in the drill core that is reported in this news release was measured in counts per second (cps) using a handheld Radiation Solutions RS-125 scintillometer. The Company considers greater than 300 cps on the handheld spectrometer as anomalous, >10,000 cps as high grade and greater than 65,535 cps as off-scale. The reader is cautioned that scintillometer readings are not directly or uniformly related to uranium grades of the rock sample measured and should be used only as a preliminary indication of the presence of radioactive materials.

Composited weight % U<sub>3</sub>O<sub>8</sub> mineralized intervals are summarized in Table 1. Samples from the drill core are split in half sections on site. Where possible, samples are standardized at 0.5m downhole intervals. One-half of the split sample is sent to SRC Geoanalytical Laboratories (an SCC ISO/IEC 17025: 2005 Accredited Facility) in Saskatoon, SK while the other half remains on site for reference. Analysis includes a 63 element suite including boron by ICP-OES, uranium by ICP-MS and gold analysis by ICP-OES and/or AAS.

The Company considers uranium mineralization with assay results of greater than 1.0 weight  $\% U_3 O_8$  as "high grade" and results greater than 20.0 weight  $\% U_3 O_8$  as "ultra-high grade."

All depth measurements reported are down-hole and true thickness are yet to be determined.

#### About Patterson Lake North:

The Company's 4,078-hectare 100% owned Patterson Lake North

property (PLN) is located just within the south-western edge of the Athabasca Basin in proximity to Fission Uranium's Triple R and NexGen Energy's Arrow high-grade world class uranium deposits which is poised to become the next major area of development for new uranium operations in northern Saskatchewan. PLN is accessed by Provincial Highway 955, which transects the property, and the new JR Zone uranium discovery is located 23km northwest of Fission Uranium's Triple R deposit.

## Qualified Person:

The technical information in this news release has been prepare in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 and approved on behalf of the company by Raymond Ashley, P.Geo., President & COO of F3 Uranium Corp, a Qualified Person. Mr. Ashley has verified the data disclosed.

### About F3 Uranium Corp:

F3 Uranium is a uranium exploration company advancing its newly discovered high-grade JR Zone and exploring for additional mineralized zones on its 100%-owned Patterson Lake North (PLN) Project in the southwest Athabasca Basin. PLN is accessed by Provincial Highway 955, which transects the property, and the new JR Zone discovery is located ~25km northwest of Fission Uranium's Triple R and NexGen Energy's Arrow high-grade uranium deposits. This area is poised to become the next major area of development for new uranium operations in northern Saskatchewan. The PLN project is comprised of the PLN, Minto and Broach properties. The Broach property incorporates the former PW property which was obtained from CanAlaska as a result of a property swap.

#### Forward-Looking Statements

This news release contains certain forward-looking statements within the meaning of applicable securities laws. All statements that are not historical facts, including without limitation statements regarding future estimates, plans, programs, forecasts, projections, objectives, assumptions, expectations or beliefs of future performance, including statements regarding the suitability of the Properties for mining exploration, future payments, issuance of shares and work commitment funds, entry into of a definitive option agreement respecting the Properties, are "forward-looking statements." These forward-looking statements reflect the expectations or beliefs of the management of the Company based on information currently available to it. Forward-looking statements are subject to a number of risks and uncertainties, including those detailed from time to time in filings made by the Company with securities regulatory authorities, which may cause actual outcomes to differ materially from those discussed in the forward-looking statements. These factors should be considered carefully, and readers are cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements and information contained in this news release are made as of the date hereof and the Company undertakes no obligation to update publicly or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws.

The TSX Venture Exchange and the Canadian Securities Exchange have not reviewed, approved or disapproved the contents of this press release, and do not accept responsibility for the adequacy or accuracy of this release.

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