

Fission Uranium Corp. Resource Expansion Drilling on R840W Zone Hits High-Grade Mineralization in 19 Holes

31.08.2021 | [CNW](#)

Results include major holes such as 57.5m of continuous mineralization, with 19.15m of total composite >10,000 cps

KELOWNA, Aug. 31, 2021 - [Fission Uranium Corp.](#) ("Fission" or "the Company") is pleased to announce scintillometer results from the summer 2021 "resource upgrade" drill program on the R840W zone at its' PLS project, in the Athabasca Basin region of Saskatchewan, Canada. All 25 holes hit mineralization, with nineteen intercepting significant intervals of >10,000 cps radioactivity. This includes PLS21-624 (line 630W), which intersected 57.5m of continuous mineralization, including 19.15m of total composite radioactivity >10,000 cps (with a peak of 62,400 cps). Assays are still pending and will be released when received. The goal of the summer resource drilling is to upgrade the majority of the R840W zone by decreasing the spacing between drill hole mineralized intercepts with the goal of upgraded to Indicated classification, for potential use in the Feasibility Study. The resource upgrade drilling was conducted in conjunction with the on-going Phase 1 Feasibility work at PLS, focusing on drilling for geotechnical, hydrogeological, geochemical and metallurgical data (see News Release June 10, 2021).

Ross McElroy, President and CEO for Fission, commented, "Our summer resource drilling at the R840W zone has been very successful. The goal was to expand and upgrade this important zone, which is the largest of those not currently included in the Triple R deposit, for potential inclusion in the upcoming feasibility study. We hit mineralization with all 25 holes, testing over 353m of strike length of the R840W zone, the majority of which intersected considerable high-grade intervals. As we await confirmation with assay results, we believe this represents a strong validation of our growth strategy as we continue to develop the project."

Drilling Highlights

- 100% Hit Rate; Majority of Holes Hit High-Grades. All 25 holes hit significant mineralization, including 19 with high-grade intercepts.
- R840W Zone Resource Drilling. The holes successfully targeted specific, mainly "inferred" categorized areas of the R840W zone over ~353m of strike length between holes PLS21-624 and PLS21-631, using step out and infill drilling to achieve spacing of ~15m x 20m (horizontal / vertical), with the aim of conversion from Inferred to Indicated. The R840W zone is the 2nd largest of five high-grade zones that make up the Triple R deposit. Although the R840W has been used in the global resource estimate for the Triple R, due to it currently being mainly Inferred classification, it was not considered in the economic analysis of the Prefeasibility Study. If assay results and subsequent modeling provide confirmation that the desired hole spacing has been achieved and at acceptable grade, then the R840W zone can be upgraded to Indicated and then considered for inclusion into the Feasibility study.

Highlight intersections from the drill program include:

- Hole PLS21-624 (line 630W)
 - 57.5m continuous mineralization over a 57.5m interval (between 109.0m to 166.5m), including
 - 19.15m of total composite mineralization >10,000 cps
- Hole PLS21-635 (line 750W)
 - 56.0m total composite mineralization over a 78.0m interval (between 101.5m to 179.5m), including
 - 7.8m of total composite mineralization >10,000 cps
- Hole PLS21-633 (line 930W)
 - 27.0m total composite mineralization over a 47.0m interval (between 154.5m to 201.5m), including
 - 6.75m of total composite mineralization >10,000 cps

The R840W zone is located approximately 485m to the west along strike of the Triple R deposit's R00E

zone.

As detailed in the report dated January 07, 2019 and with an effective date of September 19, 2019 and titled Pre-Feasibility Study on the Patterson Lake South Property Using Underground Mining Methods, Northern Saskatchewan, Canada, the R840W is currently defined using CIM definitions (2014) for mineral resources at a cut-off of 0.25% U₃O₈ of:

- Indicated Mineral Resource: 88,000 tonnes at 1.68% U₃O₈ yielding 3,300,000 lbs U₃O₈
- Inferred Mineral Resource: 280,000 tonnes at 1.86% U₃O₈ yielding 11,500,000 lbs U₃O₈

At this time, mineral reserves have not been estimated for the R840W zone.

Table 1: Drill Hole Summary

Hole ID	Zone	Collar			Hand-held Scintillometer Results On Mineralized Drillcore (>300 cps / >0.5M			
		Grid Line	Az	Dip	From (m)	To (m)	Width (m)	CPS Peak Range
PLS321-612	R840W	870W	336	-60.5	186.0	195.0	9.0	310 - 4100
					200.5	202.0	1.5	340 - 8800
					205.0	217.5	12.5	<300 - 29000
PLS21-613	R840W	870W	337	-60.5	194.0	224.5	30.5	<300 - 52500
PLS21-614	R840W	900W	337	-59.7	184.0	190.5	6.5	300 - 24800
					196.0	199.0	3.0	430 - 7300
					212.5	228.0	15.5	<300 - 10400
PLS21-615	R840W	900W	340	-63.2	193.5	195.5	2.0	<300 - 510
					198.5	203.0	4.5	320 - 55500
					207.5	213.0	5.5	450 - 8500
					221.0	222.5	1.5	350 - 4800
PLS21-616	R840W	930W	341	-72.6	150.5	151.5	1.0	370 - 450
					181.0	187.0	6.0	<300 - 1100
					197.0	212.5	15.5	<300 - 18000
					229.0	229.5	0.5	660
PLS21-617	R840W	885W	337	-79.4	177.0	195.0	18.0	<300 - 18600
PLS21-618	R840W	780W	335	-70.3	138.0	141.5	3.5	<300 - 380
					145.5	160.5	15.0	<300 - 1800
					165.5	183.0	17.5	320 - 21900

PLS21-619	R840W	810W	157	-71.7	125.0	129.0	4.0	<300 - 1700
					132.0	149.0	17.0	<300 - 3800
					155.5	164.5	9.0	<300 - 1000
PLS21-620	R840W	675W	335	-71.2	135.0	135.5	0.5	350
					153.0	157.5	4.5	340 - 1300
PLS21-621	R840W	810W	335	-71.7	125.5	126.0	0.5	540
					129.5	146.0	16.5	<300 - 2800
PLS21-622	R840W	705W	337	-71.7	142.5	146.5	4.0	<300 - 820
PLS21-623	R840W	765W	284	-71.6	128.0	167.5	39.5	<300 - 59200
PLS21-624	R840W	630W	350	-71.7	109.0	166.5	57.5	<300 - 62400
PLS21-625	R840W	780W	336	-59.7	125.0	143.0	18.0	<300 - 6600
					156.5	157.0	0.5	610
					162.0	162.5	0.5	740
					165.0	180.5	15.5	<300 - 3100
PLS21-626	R840W	780W	335	-71.0	115.5	144.0	28.5	<300 - 19700
					148.5	157.5	9.0	<300 - 2700
					160.5	164.5	4.0	300 - 610
					177.5	181.5	4.0	<300 - 4900
PLS21-627	R840W	780W	350	-72.2	117.0	118.0	1.0	450 - 800
					120.5	122.0	1.5	580 - 820
					126.0	168.5	42.5	<300 - 38200
					196.5	197.0	0.5	350
					201.0	201.5	0.5	460
PLS21-628	R840W	810W	335	-72.2	138.5	154.0	15.5	<300 - 7100
					156.5	174.5	18.0	300 - 48700
PLS21-629	R840W	870W	335	-71.1	172.5	178.0	5.5	<300 - 58100
					187.0	193.0	6.0	<300 - 1800
PLS21-630	R840W	945W	336	-72.5	158.0	161.5	3.5	390 - 21600
					167.5	171.0	3.5	<300 - 510
					176.0			

185.5

<300 - 5500

PLS21-631	R840W	945W	336	-72.0	176.0	179.5	3.5	310 - 25500
					187.5	203.0	15.5	<300 - 6500
PLS21-632	R840W	870W	336	-52.3	231.5	239.0	7.5	360 - 24300
					248.0	250.0	2.0	360 - 26200
					290.0	290.5	0.5	600
PLS21-633	R840W	930W	338	-72.6	154.5	156.0	1.5	310 - 1400
					158.5	166.0	7.5	330 - 7900
					183.5	201.5	18.0	320 - 44800
PLS21-634	R840W	750W	156	-70.9	113.0	119.5	6.5	<300 - 540
					123.0	138.0	15.0	<300 - 5600
					143.0	148.5	5.5	<300 - 9200
					155.5	159.0	3.5	880 - 5200
					172.0	178.0	6.0	<300 - 31000
					188.5	191.5	3.0	650 - 22900
					195.0	197.0	2.0	<300 - 420
PLS21-635	R840W	750W	157	-71.4	101.5	153.5	52.0	420 - 49100
					172.0	175.5	3.5	<300 - 1100
					179.0	179.5	0.5	340
PLS21-636	R840W	750W	156	-71.8	102.0	110.0	8.0	<300 - 5600
					113.0	120.0	7.0	<300 - 4800
					122.0	144.5	22.5	<300 - 3800
					151.0	153.0	2.0	310 - 2300
					167.0	167.5	0.5	330
					172.0	173.0	1.0	320 - 380

Natural gamma radiation in drill core that is reported in this news release was measured in counts per second (cps) using either a hand-held RS-230, RS-125 or RS-121 Scintillometer, all manufactured by Radiation Solutions, which are capable of discriminating readings up to 65,535 cps. In each hole, natural gamma radiation is also recorded in a down-hole survey measured in counts per second (cps) using a Mount Sopris 2GHF-1000 Triple Gamma probe, which allows for more accurate measurements in high grade mineralized zones. The Triple Gamma probe is preferred in zones of high-grade mineralization. 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. The degree of radioactivity within the mineralized intervals is highly variable and associated with visible pitchblende mineralization. All intersections are down-hole. All depths reported of core interval measurements including radioactivity and mineralization intervals widths are not always representative of true thickness. The orientation of the mineralized intervals tend to follow that of lithologic contacts, and

generally dip steeply to the south. Within the Triple R deposit, individual zone wireframe models constructed from assay data and used in the resource estimate indicate that all 5 zones have a complex geometry controlled by and parallel to steeply south-dipping lithological boundaries as well as a preferential sub-horizontal orientation.

Samples from the drill core will be split in half sections on site and where possible, samples will be standardized at 0.5m down-hole intervals. One-half of the split sample will be sent to SRC Geoanalytical Laboratories (an SCC ISO/IEC 17025: 2005 Accredited Facility) in Saskatoon, SK for analysis which includes U₃O₈ (wt %) and fire assay for gold, and includes a 63 element ICP-OES analysis and boron. The other half of the split core remains on site for reference.

PLS Mineralized Trend & Triple R Deposit Summary

Uranium mineralization of the Triple R deposit at PLS occurs within the Patterson Lake Conductive Corridor and has been traced by core drilling over ~3.18 km of east-west strike length in five separated mineralized "zones" which collectively make up the Triple R deposit. From west to east, these zones are: R1515W, R840W, R00E, R780E and R1620E. Through successful exploration programs completed to date, Triple R has evolved into a large, near surface, basement hosted, structurally controlled high-grade uranium deposit. The discovery hole was announced on November 05, 2012 with drill hole PLS12-022, from what is now referred to as the R00E zone.

The R1515W, R840W and R00E zones make up the western region of the Triple R deposit and are located on land, where overburden thickness is generally between 55 m to 100 m. R1515W is the western-most of the zones and is drill defined to ~90 m in strike-length, ~68 m across strike and ~220 m vertical and where mineralization remains open in several directions. R840W is located ~515 m to the east along strike of R1515W and has a drill defined strike length of ~430 m. R00E is located ~485 m to the east along strike of R840W and is drill defined to ~115 m in strike length. The R780E zone and R1620E zones make up the eastern region of the Triple R deposit. Both zones are located beneath Patterson Lake where water depth is generally less than six metres and overburden thickness is generally about 50 m. R780E is located ~225 m to the east of R00E and has a drill defined strike length of ~945 m. R1620E is located ~210 m along strike to the east of R780E, and is drill defined to ~185 m in strike length.

The Company completed and filed a prefeasibility "PFS" study on November 07, 2019 titled "Pre-Feasibility Study on the Patterson Lake South Property Using Underground Mining Methods, Northern Saskatchewan, Canada". The report summarizes the Pre-Feasibility Study ("UG PFS"), which outlines an underground-only mining scenario for PLS which to date has only considered the R00E and R780E zones. Further work, including additional drilling may provide sufficient data for future inclusion of the R1515W, R840W and R1620E zones into the Feasibility Study mine plan.

Mineralization along the Patterson Lake Corridor trend remains prospective along strike in both the western and eastern directions. Basement rocks within the mineralized trend are identified primarily as mafic volcanic rocks with varying degrees of alteration. Mineralization is both located within and associated with mafic volcanic intrusives with varying degrees of silicification, metasomatic mineral assemblages and hydrothermal graphite. The graphitic sequences are associated with the PL-3B basement Electro-Magnetic (EM) conductor.

Patterson Lake South Property

The 31,039 hectare PLS project is 100% owned and operated by [Fission Uranium Corp.](#) PLS is accessible by road with primary access from all-weather Highway 955, which runs north to the former Cluff Lake mine and passes the nearby Nexgen Arrow deposit located 3km to the east and UEX-Areva Shea Creek discoveries located 50km to the north.

The technical information in this news release has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 and reviewed on behalf of the company by Ross McElroy, P.Geol., President and CEO for [Fission Uranium Corp.](#), a qualified person.

About Fission Uranium Corp.

[Fission Uranium Corp.](#) is a Canadian based resource company specializing in the strategic exploration and development of the Patterson Lake South uranium property - host to the class-leading Triple R uranium deposit - and is headquartered in Kelowna, British Columbia. Fission's common shares are listed on the TSX Exchange under the symbol "FCU" and trade on the OTCQX marketplace in the U.S. under the symbol "FCUUF."

ON BEHALF OF THE BOARD

"Ross McElroy"

Ross McElroy, President and CEO

Cautionary Statement:

Certain information contained in this press release constitutes "forward-looking information", within the meaning of Canadian legislation. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur", "be achieved" or "has the potential to". Forward looking statements contained in this press release may include statements which involve known and unknown risks and uncertainties which may not prove to be accurate. Actual results and outcomes may differ materially from what is expressed or forecasted in these forward-looking statements. Such statements are qualified in their entirety by the inherent risks and uncertainties surrounding future expectations. Among those factors which could cause actual results to differ materially are the following: risks related to the Offering, risks related to Fission's limited business history, risks related to the nature of mineral exploration and development, discrepancies between actual and estimated mineral resources, risks related to uranium market price volatility, risks related to the market value of the common shares of Fission, risks related to market conditions, risks related to the novel coronavirus (COVID-19) pandemic, including disruptions to the Company's business and operational plans, risks related to the global economic uncertainty as a result of the novel coronavirus (COVID-19) pandemic and other risk factors listed from time to time in our reports filed with Canadian securities regulators on SEDAR at www.sedar.com. The forward-looking statements included in this press release are made as of the date of this press release and the Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as expressly required by applicable securities legislation.

SOURCE [Fission Uranium Corp.](#)

Contact

Investor Relations, TF: 877-868-8140, ir@fissionuranium.com, www.fissionuranium.com

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/392590--Fission-Uranium-Corp.-Resource-Expansion-Drilling-on-R840W-Zone-Hits-High-Grade-Mineralization-in-19-Holes>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer](#)!

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2025. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).