Fission Widens Zone R780E; Hits Six New Holes With >10,000 CPS Radioactivity

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Continued 100% Drill Hit Success Rate at PLS' R780E Zone

KELOWNA, BRITISH COLUMBIA--(Marketwired - Sep 29, 2014) - Fission Uranium Corp. ("**Fission**" or "**the Company**") is pleased to announce results from the final seven angled drill holes of the summer drill program, which have widened and strengthened zone R780E at its PLS property in Canada's Athabasca Basin. All seven holes returned wide mineralization, with six returning intervals of >10,000 cps radioactivity. Of particular note is PLS14-290 (line 735E), with a total of **97.5m composite mineralization at shallow depth, including 7.44m total composite >10,000 cps radioactivity with peaks up to 61,800 cps**. Fission has hit mineralization on every one of the 61 "R780E zone" summer program holes drilled to date.

Zone R780E, which has a continuous strike length of 930m (measured from lines 225E to 1155E), continues to strengthen in the eastern region of the R780E zone. Angle drilling from the 2014 program has traced a mineralized lateral corridor with a horizontal width of up to approximately 164m (line 885E), and remains open along strike and laterally.

Drilling Highlights Include:

Hole PLS14-290 (line 735E)

- **97.5m** total composite mineralization over a 173.0m section (between 113.5m - 286.5m) including:
  - **7.44m** total composite mineralization of (>10,000 cps) radioactivity
- Designed as a scissor hole on line 735E (see note on Scissor Holes)

Hole PLS14-298 (line 840E)

- **84.0m** total composite mineralization over a 240.5m section (between 146.5m - 387.0m) including:
  - **2.24m** total composite mineralization of (>10,000 cps) radioactivity

Hole PLS14-296 (line 915E)

- **94.5m** total composite mineralization over a 367.0m section (between 96.0m - 463.0m) including:
  - **2.08m** total composite mineralization of (>10,000 cps) radioactivity

Scissor hole drilling leads to vastly improved strength of mineralization on section 735E: Holes PLS14-290, 296 and 297 were designed as scissor holes drilling grid north to south on lines 735E, 915E and 945E respectively. Scissor holes are oriented opposite azimuth to the standard south to north angled hole and are designed to provide geometry control and confirmation on the mineralization. **Of particular note,** PLS14-290 intersected well developed mineralization over a 65.5m (133.0m to 198.5m), including 7.9m of very strong mineralization (7.44m of >10,000 cps), in an area that had previously only seen moderate results with hole PLS14-193, 253 and 221, thus vastly improving the strength of mineralization on section 735E.

Ross McElroy, President, COO, and Chief Geologist for Fission, commented,

"These results represent the final summer program holes which have been nothing less than spectacular. Zone drilling has hit with every single hole without fail, connected two zones and widened the high-grade R780E zone on multiple lines. R780E, which now has a strike length of 930m, is still open in every direction. At the same time, as per news release September 25, the exploration drilling intercepted anomalous radioactivity on three conductors elsewhere on the property."

As per news release July 28, 2014 Fission has replaced the GR-110 scintillometer, which measured a maximum of 9,999 cps (referred to as off-scale in all previous PLS drill programs) with the RS-121 scintillometer, which measures up to 65,535 cps for higher resolution readings of strongly anomalous radioactivity.

		Collar			* Hand-held Scintillometer Results On Mineralized Drillcore (>300 cps / >0.5M minimum)				Sandstone	Basement	
Hole ID	Zone	Grid Line	Az	Dip	From (m)	To (m)	Width (m)	CPS Peak Range	From - To (m)	Unconformity Depth (m)	Dril D
PLS14-289	R780E	255E	338	-70.0	95.5	97.0	1.5	410 - 500	NA	54.0	3
					117.5	118.0	0.5	440			
					154.0	154.5	0.5	970			
					158.0	158.5	0.5	310			
					239.0	239.5	0.5	710			
					276.5	280.0	3.5	<300 - 1200			
PLS14-290	R780E	735E	156	-71	113.5	115.0	1.5	540 - 1100	NA	58.0	4
					119.0	121.5	2.5	1300 - 4200			
					130.0	130.5	0.5	370			
					133.0	198.5	65.5	<300 - 61800			
					235.0	235.5	0.5	360			
					239.0	256.0	17.0	<300 - 12400			
					263.5	266.0	2.5	370 - 1000			
					270.0	270.5	0.5	490			
					275.5	281.5	6.0	<300 - 4800			
					285.5	286.5	1.0	310 - 490			
					427.0	428.0	1.0	390 - 400			
PLS14-293	R780E	855E	336	-70	122.5	130.5	8.0	<300 - 6100	NA	61.2	3
					134.0	135.0	1.0	560 - 770			
					137.5	146.0	8.5	<300 - 1500			
					168.0	196.0	28.0	<300 - 15000			
					198.5	209.5	11.0	<300 - 59700			
					212.0	214.0	2.0	<300 - 570			
					216.5	220.0	3.5	<300 - 890			
					286.0	287.0	1.0	400 - 540			
					305.0	305.5	0.5	1000			
					313.0	313.5	0.5	450			
					322.5	323.0	0.5	830			
					329.5	330.0	0.5	430			
					334.5	335.0	0.5	620			
PLS14-294	R780E	525E	335	-70	60.5	107.0	46.5	<300 - 24000	59.9 - 60.7	60.7	3
					110.0	133.5	23.5	<300 - 5900			
					146.5	147.5	1.0	380 - 490			
					152.0	153.0	1.0	340 - 350			
					171.0	174.0	3.0	300 - 720			
					177.0	178.5	1.5	<300 - 530			
					184.0	190.5	6.5	<300 - 720			
					195.5	202.0	6.5	<300 - 2100			
					239.0	239.5	0.5	420			
PLS14-296	R780E	915E	157	-69	96.0	99.5	3.5	320 - 1900	NA	59.5	4
					103.0	106.0	3.0	300 - 1700			
					115.5	121.0	5.5	<300 - 2600			
					137.0	153.5	16.5	<300 - 1600			
					161.0	164.0	3.0	330 - 1600			
					175.5	207.0	31.5	<300 - 30000			
					218.0	222.0	4.0	<300 - 540			
					231.0	249.0	18.0	<300 - 20600			

					264.5	265.5	1.0	420 - 830			
					317.5	318.5	1.0	310 - 330			
					385.5	390.0	4.5	<300 - 3600			
					405.0	406.0	1.0	400 - 790			
					461.0	463.0	2.0	490 - 1100			
PLS14-297	R780E	945E	158	-68	83.0	83.5	0.5	340	NA	61.4	4
					95.0	100.0	5.0	<300 - 3300			
					125.5	128.0	2.5	450 - 6700			
					133.0	134.0	1.0	360 - 380			
					146.5	156.0	9.5	<300 - 3000			
					162.0	179.5	17.5	<300 - 4300			
					183.0	215.5	32.5	<300 - 33700			
					227.5	229.0	1.5	<300 - 380			
					241.0	241.5	0.5	620			
					248.5	250.0	1.5	310 - 710			
					254.5	260.5	6.0	<300 - 420			
					266.5	270.5	4.0	<300 - 2300			
					286.0	288.0	2.0	370 - 800			
					383.5	384.0	0.5	780			
					398.5	399.0	0.5	360			
					401.5	403.5	2.0	410 - 1300			
					419.5	421.5	2.0	<300 - 2200			
PLS14-298	R780E	840E	332	-68	146.5	149.0	2.5	<300 - 410	NA	60.7	3
					155.0	156.5	1.5	<300 - 370			
					159.0	161.5	2.5	<300 - 400			
					190.0	205.0	15.0	<300 - 7700			
					207.5	216.5	9.0	<300 - 3500			
					219.5	231.5	12.0	<300 - 5900			
					237.5	266.0	28.5	<300 - 37200			
					268.5	269.0	0.5	330			
					298.0	308.5	10.5	<300 - 1200			
					312.5	313.0	0.5	680			
					354.5	355.0	0.5	440			
					386.0	387.0	1.0	1200 - 1300			

Natural gamma radiation in drill core that is reported in this news release was measured in counts per second (cps) using a hand held RS-121 Scintillometer manufactured by Radiation Solutions. 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, core interval measurements and true thickness is yet to be determined.

Samples from the drill core will be split in half sections on site. 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, while the other half will remain on site for reference. Analysis will include a 63 element ICP-OES, uranium by fluorimetry and boron.

All depth measurements reported, including radioactivity and mineralization interval widths are down-hole, core interval measurements and true thickness are yet to be determined.

PLS Mineralized Trend Summary

Uranium mineralization at PLS has been traced by core drilling over 2.24km of east-west strike length in four separate mineralized "zones" from line 615W (PLS13-124) to line 1620E (PLS14-196). From west to east, these zones are; R600W, R00E, R780E and R1620E. The former R390E, R585, R945E and R1155E zones have been merged into the R780E zone by successful 2014 winter and summer drilling. The R780E zone now stands at 930m of continuous strike length within a mineralized lateral corridor up to 150m wide (line 870E). Mineralization remains open along strike both to the western and eastern extents. Mineralization is both located within and associated with a metasedimentary lithologic corridor, bounded to the south by the PL-3B basement Electro-Magnetic (EM) Conductor.

Updated maps and files can be found on the Company's website at http://fissionuranium.com/project/pls/.

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 through the nearby UEX-Areva Shea Creek discoveries located 50km to the north, currently under active exploration and development.

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 COO for Fission Uranium Corp., a qualified person.

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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 and is headquartered in Kelowna, British Columbia. Common Shares are listed on the TSX Venture 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, President and COO

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 regarding the future operating or financial performance of Fission and Fission Uranium 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: market conditions 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 and Fission Uranium disclaim 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.

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