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OTCQX SYMBOL: FCUUF
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Fission: 7 Summer Angle Holes Hit Off Scale Widening Zone R780E North and South

All 12 Angled Holes Hit Wide Mineralization;
Top Hole Hits 21.1m Total Composite "Off-Scale"

FISSION URANIUM CORP. ("**Fission**" or "**the Company**") is pleased to announce results from twelve new angled drill holes of the summer drill program at its PLS property in Canada's Athabasca Basin. Of particular note, the drill hole results show **further widening of the main PLS discovery to the north and south, east of line 780E.** With PLS14-248 (line 825E) significantly expanding the high grade area approximately 40m to the south and PLS14-237 (line 870E) and PLS14-236 (line 960E) expanding the mineralized corridor approximately 50m the north, the potential of growth at PLS is highly prospective.

All twelve holes returned wide mineralization, with seven holes returning substantial intervals of >10,000 cps radioactivity.

Of additional note is PLS14-248 (line 825E), an angled hole with a total of 106.2m composite mineralization, including 18.2m total composite "off-scale" (>10,000 cps) radioactivity within a 21.5m interval (146.5m – 168.0m). The hole has a total composite "off-scale" (>10,000 cps) of 21.1m.

Drilling Highlights Include:

Hole PLS14-248 (line 825E)
- **106.2m** total composite mineralization (between 108.0m – 264.0m) including:
  - **21.2m** total composite mineralization of (>10,000 cps) radioactivity

Hole PLS14-243 (line 495E)
- **77.0m** total composite mineralization (between 82.0m – 240.0m) including:
  - **1.9m** total composite mineralization of >10,000 cps radioactivity

Hole PLS14-240 (line 645E)
- **77.0m** total composite mineralization (between 81.5m – 230.0m) including:
  - **1.7m** total composite mineralization of >10,000 cps radioactivity

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

> *"Today's results confirm a widening to the north and south in the eastern half of the R780E zone – evidence of the continued strong growth and potential of PLS."*

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.

Hole ID	Zone	Collar			* Hand-held Scintillometer Results On Mineralized Drillcore (>300 cps / >0.5M minimum)				Sandstone From - To (m)	Basement Unconformity Depth (m)	Total Drillhole Depth (m)
		Grid Line	Az	Dip	From (m)	To (m)	Width (m)	CPS Peak Range			
PLS14-231	R780E	420E	367	-68.7	69.0	71.0	2.0	380 - 510	55.8 - 56.8	56.8	275.0
					76.0	92.0	16.0	<300 - 9600			
					116.5	120.0	3.5	320 - 800			
					198.0	199.0	1.0	300 - 600			
PLS14-232	R780E	285E	347	-69	133.0	139.0	6.0	<300 - 1900	NA	51.1	345.0
					142.5	155.0	12.5	<300 - 14000			
					162.5	167.0	4.5	<300 - 1900			
					169.5	177.0	7.5	<300 - 8100			
					192.0	192.5	0.5	360			
					279.0	281.0	2.0	320 - 940			
PLS14-233	R780E	600E	338	-71	165.0	165.5	0.5	420	NA	61.0	343.0
					168.0	168.5	0.5	310			
					209.0	212.5	3.5	<300 - 1600			
					229.5	232.0	2.5	410 - 1200			
					237.5	238.0	0.5	320			
PLS14-235	R780E	555E	346	-70.9	91.0	91.5	0.5	490	58.4 - 58.8	58.8	302.3
					105.0	105.5	0.5	380			
					135.5	136.0	0.5	330			
					158.5	163.0	4.5	390 - 890			
					165.5	166.5	1.0	350 - 380			
					187.0	190.5	3.5	<300 - 660			
					210.0	212.5	2.5	<300 - 400			
					222.0	226.0	4.0	<300 - 1500			
					228.5	229.0	0.5	360			
					260.0	260.5	0.5	310			
PLS14-236	R780E	960E	342	-66	110.5	112.5	2.0	<300 - 460	NA	65.2	407.0
					116.5	129.0	12.5	<300 - 4000			
					139.5	142.5	3.0	340 - 1000			
					170.5	172.0	1.5	350 - 490			
					176.5	184.0	7.5	<300 - 1900			
					188.5	192.0	3.5	<300 - 780			
					199.0	224.5	25.5	<300 - 7700			

					231.0	237.5	6.5	<300 - 5000			
					246.0	247.5	1.5	360 - 40000			
					262.0	262.5	0.5	320			
					271.5	288.0	16.5	<300 - 11000			
					290.5	299.0	8.5	<300 - 5400			
					302.5	310.5	8.0	<300 - 1100			
					323.0	323.5	0.5	640			
PLS14-237	R780E	870E	340	-69	68.5	84.0	15.5	<300 - 2400	NA	63.3	377.0
					115.0	124.0	9.0	<300 - 3000			
					142.5	152.5	10.0	<300 - 1000			
					155.0	156.0	1.0	460 - 600			
					165.5	168.5	3.0	<300 - 700			
					179.0	186.5	7.5	<300 - 730			
					189.0	191.5	2.5	<300 - 680			
					231.0	255.0	24.0	<300 - 15000			
					257.5	268.5	11.0	<300 - 6800			
					272.0	279.5	7.5	<300 - 7500			
					284.5	288.0	3.5	<300 - 520			
					292.0	292.5	0.5	450			
					295.5	300.0	4.5	<300 - 610			
					305.0	306.0	1.0	320 - 460			
PLS14-238	R780E	825E	340	-69	129.5	147.5	18.0	<300 - 3200	NA	59.2	431.0
					150.5	151.5	1.0	500 - 820			
					176.0	177.0	1.0	300 - 490			
					180.0	180.5	0.5	310			
					184.0	197.5	13.5	<300 - 2900			
					200.0	221.0	21.0	<300 - 7400			
					234.5	236.5	2.0	<300 - 700			
					243.0	245.0	2.0	<300 - 3000			
					250.5	254.0	3.5	<300 - 40000			
					290.0	290.5	0.5	370			
					299.5	301.0	1.5	330 - 500			
					304.0	307.0	3.0	<300 - 470			
					397.5	398.0	0.5	390			
PLS14-240	R780E	645E	334	-70.4	81.5	126.5	45.0	<300 - 36000	58.0 - 58.7	58.7	326.0
					142.0	145.0	3.0	<300 - 430			
					150.0	151.0	1.0	1900 - 3900			
					157.0	159.0	2.0	460 - 33000			
					164.5	167.0	2.5	<300 - 2700			
					169.0	172.0	3.0	<300 - 5100			
					178.5	180.0	1.5	<300 - 370			
					183.0	185.5	2.5	<300 - 340			
					204.0	219.0	15.0	<300 - 7400			
					228.5	230.0	1.5	600 - 1000			

PLS14-242	R780E	870E	342	-69	96.0	96.5	0.5	370	NA	55.9	395.0
					119.0	119.5	0.5	360			
					125.0	126.5	1.5	320 - 400			
					131.0	134.5	3.5	350 - 670			
					143.0	156.5	13.5	<300 - 700			
					161.5	164.5	3.0	<300 - 1200			
					171.0	171.5	0.5	460			
					181.0	193.0	12.0	<300 - 16000			
					196.0	196.5	0.5	310			
					200.5	201.5	1.0	320 - 330			
					209.5	212.5	3.0	<300 - 5900			
					215.5	222.0	6.5	<300 - 5200			
					249.0	252.5	3.5	<300 - 2300			
					261.0	265.0	4.0	<300 - 1200			
					273.5	275.0	1.5	380 - 1000			
					278.0	278.5	0.5	360			
					302.0	303.0	1.0	310 - 500			
					306.5	307.0	0.5	490			
					310.0	312.5	2.5	<300 - 1200			
					321.0	322.0	1.0	490 - 1400			
					337.0	337.5	0.5	450			
					342.0	342.5	0.5	350			
PLS14-243	R780E	495E	332	-66	82.0	83.0	1.0	330 - 350	56.4 - 57.1	57.1	356.0
					86.5	91.5	5.0	<300 - 910			
					94.5	97.5	3.0	<300 - 1400			
					101.5	122.0	20.5	<300 - 54000			
					125.0	135.0	10.0	<300 - 27300			
					137.5	151.0	13.5	<300 - 6900			
					166.5	178.5	12.0	390 - 9200			
					179.0	190.0	11.0	350 - 5600			
					236.0	236.5	0.5	490			
					239.5	240.0	0.5	600			
PLS14-244	R780E	660E	336	-71.7	62.0	62.5	0.5	330	60.5 - 61.0	61.0	275.0
					85.0	86.0	1.0	380 - 480			
					90.5	93.5	3.0	440 - 4600			
					99.0	102.0	3.0	<300 - 590			
					131.5	132.0	0.5	310			
PLS14-248	R780E	825E	332	-70	108.0	177.5	69.5	<300 - 62800	NA	59.4	452.0
					183.0	199.0	16.0	<300 - 8300			
					202.0	206.5	4.5	<300 - 1200			
					209.8	210.5	0.7	540 - 27100			
					220.5	222.5	2.0	320 - 4000			
					230.0	242.0	12.0	<300 - 62300			
					251.5	252.0	0.5	350			

					263.5 271.5	264.0 272.0	0.5 0.5	3900 350			

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 five separate mineralized "zones" from line 615W (PLS13-124) to line 1620E (PLS14-196). From west to east, these zones are; R600W, R00E, R780E, R1155E and R1620E. The former R390E, R585 and R945E zones have been merged into the R780E zone by successful winter drilling. 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.

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

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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.