

## Multiple drill holes intersect uranium and lithium mineralization at two key prospects

KELOWNA, BRITISH COLUMBIA--(Marketwired - Dec. 21, 2016) - [Fission 3.0 Corp.](#) (TSX VENTURE:FUU) ("Fission 3") is pleased to announce that assay results confirm high-grade uranium, along with lithium mineralization, at its Macusani project in Peru. Drilling intersected uranium mineralization of up to 12,151 ppm U<sub>3</sub>O<sub>8</sub> (1.21% U<sub>3</sub>O<sub>8</sub>) just 16.0m from surface (hole MAC16-016) and lithium mineralization of up to 533 ppm (hole MAC16-009). Thirteen of sixteen holes were mineralized and all mineralization was encountered near to, and even at, surface.

### News highlights

- Near-surface and at-surface uranium and lithium mineralization
- High-grade uranium of up to 12,151 ppm over 0.5m at just 16m from surface (hole MAC16-016), equivalent to 1.2103% U<sub>3</sub>O<sub>8</sub>
- Lithium of up to 533 ppm over 0.5m (hole MAC16-009)
- Drilling success rate of over 80%, with thirteen of sixteen holes mineralized

Ross McElroy, COO, and Chief Geologist for Fission 3, commented,

*"Our 1<sup>st</sup> pass drilling at Macusani includes very encouraging results - with uranium and lithium mineralization in several drill holes on both the Llama South and Llama North prospects at shallow depths. Both prospects compare favorably in grade, and are on trend with, [Plateau Uranium Inc.](#)'s ("Plateau Uranium") two nearby uranium deposits. Plateau Uranium's recently-completed, robust PEA shows an OPEX of US\$17.28/lb and payback within 1.76 years."*

The two Plateau Uranium deposits on-trend with Fission 3's Llama South and Llama North prospects include the Corachapi Complex (5.0M lbs U<sub>3</sub>O<sub>8</sub> Measured and Indicated at 195 ppm U<sub>3</sub>O<sub>8</sub> and 1.91M lbs U<sub>3</sub>O<sub>8</sub> Inferred at 230 ppm U<sub>3</sub>O<sub>8</sub>) and Corani Complex (1.3M lbs U<sub>3</sub>O<sub>8</sub> Measured and Indicated at 131 ppm U<sub>3</sub>O<sub>8</sub> and 1.8M lbs U<sub>3</sub>O<sub>8</sub> Inferred at 166 ppm U<sub>3</sub>O<sub>8</sub>) based on cut-off grade of 75 ppm U.

High-priority exploration prospects. Drilling focused on the Llama South and Llama North prospects, where numerous anomalous uranium outcrops have assayed >2% U<sub>3</sub>O<sub>8</sub> including a maximum of 24.48% U<sub>3</sub>O<sub>8</sub>. The prospects are part of an anomalous mineralized 8km NE oriented corridor that includes two shallow, resource-defined and heap leachable uranium deposits on Plateau Uranium's property. Both deposits are also host to substantial lithium mineralization.

Table 1:

### Composited Mineralized Intervals (Down-hole measurements)

Zone	Hole ID	Azimuth Dip	From (m)	To (m)	Interval (m)	U3O8 PPM	Li PPM	K (%)	
Llama South	MAC16-001	0	<i>No Significant Mineralization</i>						
	MAC16-002	305	<i>No Significant Mineralization</i>						
	MAC16-003	305	-55.00	0.60	2.50	1.90	1967	355	4.05
				1.50	2.50	1.00	3838	345	4.22
				6.00	6.50	0.50	610	427	3.50
				12.50	13.50	1.00	121	459	3.83
				16.50	17.00	0.50	107	390	3.78
	MAC16-004	225	-65.0	15.00	15.50	0.50	150	509	3.77
	MAC16-005	225	-55.0	1.50	9.50	8.00	498	404	4.51
				4.50	6.50	2.00	1274	413	4.47
	MAC16-006	305	-75.0	14.50	15.50	1.00	154	400	4.37
	MAC16-014	180	-55.0	<i>No Significant Mineralization</i>					
	MAC16-015	300	-55.0	29.00	29.50	0.50	379	415	4.28
MAC16-016	210	-55.00	16.00	16.50	0.50	12151	423	4.34	
			19.50	24.50	5.00	103	488	4.30	

### Composite Parameters

1. Minimum Thickness: 0.50m
2. Grade Cut-Off: 75 ppm U
3. Maximum Internal Dilution: 2.00m

Table 2:

## Composited Mineralized Intervals (Down-hole measurements)

Zone	Hole ID	Azimuth Dip	From (m)	To (m)	Interval (m)	U3O8 PPM	Li PPM	K (%)	
Llama North	MAC16-007	240	-45.00	0.00	0.90	0.90	1068	411	3.53
				52.50	53.00	0.50	102	462	4.10
				56.00	60.00	4.00	55	334	3.88
				108.50	111.50	3.00	104	370	3.97
	MAC16-008	120	-65.0	42.00	42.50	0.50	90	483	4.30
	MAC16-009	180	-55.00	45.50	46.00	0.50	150	533	3.55
				47.00	47.50	0.50	92	415	3.76
	MAC16-010	120	-55.00	34.00	37.50	3.50	260	451	3.95
				36.50	37.00	0.50	1330	469	4.07
				44.50	47.50	3.00	135	304	4.27
				53.00	53.50	0.50	232	255	3.89
				56.50	57.00	0.50	102	261	3.63
				67.00	70.00	3.00	164	329	4.02
MAC16-011	360	-55.0	94.50	95.00	0.50	391	285	3.81	
MAC16-012	340	-55.00	32.00	32.50	0.50	106	309	3.13	
			34.50	35.00	0.50	107	470	3.45	
MAC16-013	95	-75.00	29.00	31.50	2.50	94	441	3.54	
			34.00	40.00	6.00	98	415	3.63	
			83.50	84.00	0.50	989	523	3.52	

## Composite Parameters

1. Minimum Thickness: 0.50m
2. Grade Cut-Off: 75 ppm U
3. Maximum Internal Dilution: 2.00m

Composited U ppm mineralized intervals are summarized in Tables 1 and 2 using the following parameters: 1) Minimum Thickness of 0.50m 2) Grade Cut-Off of 75 ppm U and 3) Maximum Internal Dilution of 2.0m. Composited Li ppm and K% intervals include all results within the Composite Parameters used to determine U ppm intervals. Samples from the drill core are split in half sections on site. Where possible, samples are standardized at 0.5m down-hole intervals. One-half of the split sample is sent to Bureau Veritas; prep lab in Peru, for analysis and final analysis is carried out in Vancouver. The other half remains on site for reference. All analysis includes the MA250 Analysis Package (Four-Acid Digestion, ICP-ES and ICP-MS). Samples overlimit for Uranium (above 4,000 ppm) were re-analyzed using the MA270 package (Multi Acid Digestion, ICP-ES). All depth measurements reported, including sample and interval widths are down-hole, core interval measurements and true thickness are yet to be determined.

An updated map can be found on the Company's website at <http://fission3corp.com/projects/macusani/maps/>.

## The Macusani Project

The Macusani property is located within southeastern Peru. [Fission 3.0 Corp.](#) holds the rights to 9 claim blocks encompassing 51 km<sup>2</sup>. The district is mining-friendly, has a mild climate and has solid infrastructure, including all-weather roads and low-cost power.

Within the area, the stratigraphy is dominated by the sub-horizontal Pliocene Quenamari Formation, which is mainly composed of ignimbrite layers. Uranium anomalies occur on plateaus that are composed of the Upper Yapamayo Member of the Quenamari Formation. Sampling to date has shown that the most significant uranium anomalies appear to be restricted to this assemblage. Mineralization within the area is dominated by very high grade Autinite veins along 'enriched fault planes', with lesser disseminated mineralization. The significant fault planes can vary from up to 2m thick, while multiple enriched fault planes occur in shear zones up to 150 m across.

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., COO and Chief Geologist for Fission 3.0, a qualified person.

About Fission 3.0 Corp.

[Fission 3.0 Corp.](#) is a Canadian based resource company specializing in the strategic acquisition, exploration and development of uranium properties and is headquartered in Kelowna, British Columbia. Common Shares are listed on the TSX Venture Exchange under the symbol "FUU."

ON BEHALF OF THE BOARD

Ross McElroy, COO

Fission 3.0 Corp.

Cautionary Statement: Fission 3.0 Corp.

*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 3.0 Corp.](#) 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](http://www.sedar.com). The forward-looking statements included in this press release are made as of the date of this press release and [Fission 3.0 Corp.](#) 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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