

# Appia Identifies 900 Meter-Long Uranium Mineralization Trend on the Loranger Property

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Toronto, June 18, 2019 - [Appia Energy Corp.](#) (CSE: API) (OTCQB: APAAF) (FSE: A0I.F) (FSE: A0I.MU) (FSE: A0I.BE) (the "Company" or "Appia") is pleased to report the assay results from the completed diamond drill program (the "Program") on the Loranger property (the "Property"). The Property is located 28 km southeast of Cameco's Rabbit Lake mill, Athabasca Basin, northern Saskatchewan.

Highlights of the winter drilling include 3.15 m of 0.032 wt%  $U_3O_8$  at 96.75 m drill hole depth in hole LOR-19-03 and 0.7 m grading 0.066 wt%  $U_3O_8$  at 105.5 m drill hole depth in hole LOR-19-02.  $U_3O_8$  assay results for the drill holes are presented in Table 1. A total of 1,063 metres was completed in eight drill holes covering three target areas (Figure 1).

Mr. James Sykes, Appia's Vice-President, Exploration and Development, comments: "We are pleased with the drill results. First, we've confirmed uranium mineralization in two target areas, and especially the drill holes within Target Area 2 (LOR-19-01 to LOR-19-04A), a 900 m long area, all intersected uranium mineralization. Second, we observed uranium "depletion" associated with a massive hydrothermal fluid fault network system encountered in Target Area 1 (LOR-19-07A and LOR-19-08), indicating uranium has been mobilized and potentially "re-deposited" somewhere along the structural trends. Third, the uranium mineralization drill hole assay results mostly correlate with hydrothermal alteration styles and re-mobilized ductile/brittle structural zones encountered in both target areas. In particular, we observe redox fronts (hematite +/- limonite with bleaching) showing elemental ratios ( $U_p/U_t$ ,  $Th_t/U_t$ ,  $Pb^{206}/Pb^{204}$ ) typical of uranium fluid pathways. Fourth, boron (a uranium pathfinder element) is commonly elevated (i.e. >100 ppm and at least more than twice the background) in the re-mobilized graphitic/carbonaceous material ductile/brittle structural zones, with drill hole LOR-19-08 exhibiting the highest concentrations of boron (121 to 263 ppm B)."

Together with the 2017 program, the Company has tested only 5 of the 22 previously identified gravity low targets and covered only 2.3 km of the 94.0 total km of conductive strike length; with a cumulative total of 15 drill holes and 2,524 total metres drilled. The Company plans to continue exploring the Property with diamond drilling, ground gravity geophysics, and ground radiometric prospecting in combination with geological mapping.

Split core samples were taken over 0.1 to 1.2 m core lengths covering scintillometer readings, hydrothermal alteration and ductile/brittle structures. All the drill core samples were shipped from the project site and hand-delivered to the Saskatchewan Research Council's ("SRC") Geoanalytical Laboratory in Saskatoon, SK.

Geochemical assay results were provided by SRC's Geoanalytical Laboratory, an ISO/IEC 17025:2005 (CAN-P-4E) certified laboratory in Saskatoon, SK, for multi-element analysis using the ICPMS and Boron Lab Packages. All reported values were provided from SRC as U ppm and were converted to  $U_3O_8$  wt% by Appia using a conversion factor of 1.1792/10000.

All geochemical results reported herein have passed rigorous internal QAQC review and compilation. The technical content in this news release was reviewed and approved by Dr. Irvine R. Annesley, P.Geo, Advisor to the Board of Directors of Appia, and a Qualified Person as defined by National Instrument 43-101.

## About Appia

Appia is a Canadian publicly-traded company in the uranium and rare earth element sectors. The Company is currently focusing on delineating high-grade critical rare earth elements ("REE") and uranium on the Alces

Lake property, as well as prospecting for high-grade uranium in the prolific Athabasca Basin on its Loranger, North Wollaston, and Eastside properties. The Company holds the surface rights to exploration for 61,364 hectares (151,633 acres) in Saskatchewan.

The Company also has a 100% interest in 12,545 hectares (31,000 acres), including rare earth element and uranium deposits over five mineralized zones in the Elliot Lake Camp, Ontario, which historically produced over 300 million pounds of  $U_3O_8$  and is the only Canadian camp that has had significant rare earth element (yttrium) production.

Appia's technical team is directed by James Sykes, who has had direct and indirect involvement with over 550 million lbs.  $U_3O_8$  being discovered in five deposits in the Athabasca Basin.

Appia has 65.0 million common shares outstanding, 86.2 million shares fully diluted.

**Cautionary Note Regarding Forward-Looking Statements:** This News Release contains forward-looking statements which are typically preceded by, followed by or including the words "believes", "expects", "anticipates", "estimates", "intends", "plans" or similar expressions. Forward-looking statements are not guarantees of future performance as they involve risks, uncertainties and assumptions. We do not intend and do not assume any obligation to update these forward-looking statements and shareholders are cautioned not to put undue reliance on such statements.

Neither the Canadian Securities Exchange nor its Market Regulator (as that term is defined in the policies of the CSE) accepts responsibility for the adequacy or accuracy of this release.

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Figure 1

To view an enhanced version of this graphic, please visit:

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TABLE 1: LORANGER PROJECT - WINTER 2019 DRILL HOLE [U3O8 Corp.](#) ASSAY RESULTS

DDH	Target Area	Az.*	Dip EOH* (m)	From (m)	To (m)	Interval (m)	Vertical Depth (m)	<a href="#">U3O8 Corp.</a> (w
LOR-19-01	2	320	-60	141.0	55.15	55.30 0.15	48.16	0.011
				59.50	59.75	0.25	51.84	0.012
				Composite Total		0.40		0.012
LOR-19-02	2	320	-60	123.0	87.90	88.55 0.65	77.15	0.037
				105.50	106.20	0.70	92.58	0.066

			115.50	115.85	0.35	101.54	0.023
			Composite Total	1.70			0.046
LOR-19-03	2	330 -60 159.0	82.45	82.65	0.20	71.58	0.014
			96.75	99.90	3.15	84.30	0.032
			102.95	104.05	1.10	89.30	0.040
			108.60	109.05	0.45	94.30	0.085
			Composite Total	4.90			0.038
LOR-19-04	2	320 -60 21.0	Hole abandoned in overburden, restarted as LOR-19-04A				
LOR-19-04A	2	320 -60 90.3	63.20	63.40	0.20	54.48	0.017
			72.70	73.00	0.30	62.55	0.010
			78.95	79.05	0.10	67.87	0.012
			80.20	80.30	0.10	68.97	0.028
			83.45	83.80	0.35	71.45	0.012
			85.45	85.55	0.10	73.37	0.017
			Composite Total	1.15			0.014
LOR-19-05	3	160 -60 58.3	Hole abandoned in overburden, not restarted				
LOR-19-06	3	0 -90 140.6	No significant results				
LOR-19-07	1	170 -60 15.0	Hole abandoned in overburden, restarted as LOR-19-07				
LOR-19-07A	1	170 -60 131.8	No significant results				
LOR-19-08	1	230 -45 183.0	133.25	133.50	0.25	91.99	0.011
			148.85	150.00	1.15	103.04	0.020
			Composite Total	1.40			0.018

Cut-off grade = 0.01% [U3O8 Corp.](#)

Maximum consecutive internal dilution = 2.0 m down hole

True widths have yet to be determined

All Uranium (ppm) results received by SRC from the ICP-MS Total Digestion lab package were converted to U<sub>3</sub>O<sub>8</sub> (wt%) using a conversion factor of (x1.1792/10000)

\* "Az." Refers to "drill hole azimuth" and "EOH" refers to "end of drill hole"

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