

IsoEnergy Drills 3.5 metres of 10.4% U₃O₈ including 0.5 metres of 38.2% U₃O₈ in Drill Hole LE19-02 at the Hurricane Zone

13.02.2019 | [CNW](#)

VANCOUVER, Feb. 13, 2019 - [IsoEnergy Ltd.](#) ("IsoEnergy" or the "Company") (TSXV: ISO; OTCQX: ISENF) is pleased to announce chemical assay results from intervals of strong uranium mineralization reported earlier (see news release dated February 28, 2019) from the Hurricane zone. The highlight is an intersection in drill hole LE19-02 of 3.5 metres averaging 10.4% U₃O₈ over 326.5-330.0 metres, that includes 38.2% U₃O₈ over 0.5 metres from 329.0-329.5 metres. The Hurricane zone is a new discovery of high-grade uranium mineralization on the Company's 100% owned Larocque East property (the "Property") in the eastern Athabasca Basin of northern Saskatchewan.

Highlights

- Drill Hole LE19-02 intersected 3.5 m @ 10.4% U₃O₈, including 0.5 m @ 38.2% U₃O₈
- Drill Hole LE19-03 intersected 3.0 m @ 2.7% U₃O₈, including 0.5 m @ 13.3% U₃O₈
- Substantial Ni mineralization is present in both drill holes
- Five of a planned 10 drill holes are complete
- This drill program and subsequent follow-up efforts in 2019 are fully funded

Craig Parry, Chief Executive Officer commented: "I'm very pleased to report these initial assays from our follow-up drilling campaign at the Hurricane zone. With an impressive width, growth along its length, and some very high-grade assays, the zone has demonstrated potential to grow into a significant find."

Steve Blower, Vice President, Exploration commented: "Our geologists deserve a lot of credit for their interpretation of the data and rapid identification of the key controls on mineralization. Uranium at Hurricane is related to certain faulted graphitic units that form a subtle ridge along the sub-Athabasca unconformity. We will continue to target these structures as we drill along the length of the zone with subsequent drilling."

LE19-02 and LE19-03 Assay Results

Drill hole LE19-02 intersected two main intervals of fracture controlled, disseminated and replacement styles of pitchblende uranium mineralization (>1,000 cps RS-125), as summarized in Table 1. An upper zone of sandstone-hosted uranium mineralization is followed by strong uranium mineralization at the unconformity that averages 10.4% U₃O₈ and 0.8% Ni over 3.5 metres. Included in the interval are maximum values of 38.2% U₃O₈ and 1.6% Ni over 0.5 metres.

Drill hole LE19-03 also intersected two main intervals of uranium mineralization that are similar to those described above for LE19-02. An upper zone of sandstone-hosted uranium mineralization is followed by strong uranium mineralization at the unconformity that averages 2.7% U₃O₈ and 2.5% Ni over 3.0 metres. Included in the interval are maximum values of 13.3% U₃O₈ and 11.8% Ni over 0.5 metres.

Table 1 - Hurricane Zone Radioactive Intervals

Hole-ID	From (m)	To (m)	Length (m)	Radioactivity ^{1,2} (CPS)	Chemical Assays		Location
					U ₃ O ₈ (%)	Ni (%)	
LE19-02	316.5	320.0	3.5	>1,000	0.2	0.1	Section 4560E
and	326.5	330.0	3.5	>1,000	10.4	0.8	
incl.	328.5	330.0	1.5	>20,000	23.6	1.6	
incl.	329.0	329.5	0.5	>50,000	38.2	1.5	
LE19-03	324.0	324.5	0.5	>1,000	0.2	0.1	Section 4560E
and	326.5	329.5	3.0	>1,000	2.7	2.3	
incl.	328.5	329.5	1.0	>5,000	7.6	6.6	
incl.	329.0	329.5	0.5	>20,000	13.3	11.8	
LE19-04	329.0	329.5	0.5	>1,000	Pending		Section 4560E
	333.0	333.5	0.5	>1,000	Pending		
LE19-05	No significantly elevated radioactivity						Section 4560E
LE19-06	328.0	330.0	2.0	>1,000	Pending		Section 4585E
and	332.0	336.0	4.0	>5,000	Pending		
incl.	333.5	335.5	2.0	>10,000	Pending		
incl.	333.5	334.0	0.5	>20,000	Pending		

- Notes:
1. Radioactivity is total gamma from drill core measured with an RS-125 hand-held spectrometer.
 2. Measurements of total gamma are an indication of uranium content, but may not correlate with assays

Larocque East

Larocque East consists of 6 mineral claims totaling 3,200 hectares and was purchased in May, 2018. The Property is owned 100% by IsoEnergy and is not encumbered by any royalties or other interests. Larocque East is immediately adjacent to the north end of IsoEnergy's Geiger property and is 35 kilometres northwest of Orano Canada's McClean Lake uranium mine and mill.

The Property covers a 15-kilometre-long northeast extension of the Larocque Lake conductor system; a trend of graphitic metasedimentary basement rocks that is associated with significant uranium mineralization in several occurrences to the southwest of the Larocque East property. The closest of these are the Larocque Lake and Larocque North zones, which are located 6.5 kilometres and 0.4 kilometres, respectively, to the southwest of the western Larocque East property boundary. Drilling at the Larocque Lake zone has returned historical intersections of up to 29.9% U₃O₈ over 7.0 metres in drill hole Q22-040. Drilling at the Larocque North zone has returned intersections of up to 2.05% U₃O₈ over 0.6 metres in drill hole Q22-16. Like the nearby Geiger property, Larocque East is located adjacent to the Wollaston-Mudjatik transition zone - a major crustal suture related to most of the major uranium deposits in the eastern Athabasca Basin. Importantly, the sandstone cover is thin, ranging between 140 metres and 330 metres in previous drilling.

A total of 23 historical drill holes have been completed on the Property along approximately 22 kilometres of

graphitic conductors. Five of the historical holes have intersected weak uranium mineralization on the Larocque East property to date, including drill holes KER-07 (0.12% U_3O_8 over 0.1 metre) and KER-11 (0.06% U_3O_8 over 0.5 metre) near the western property boundary, within the general vicinity of the Hurricane zone.

Next Steps

Additional drilling is underway on the 4585E cross-section to the north and south of drill hole LE19-06. This will be followed by along-strike step-outs to the west of the discovery section. The originally contemplated drill program is approximately half finished. Following a \$5.5M financing that closed in December, 2018, the company is fully funded for the current drill program and subsequent follow-up in 2019.

Qualified Person Statement

The scientific and technical information contained in this news release was prepared by Andy Carmichael, P.Geo., IsoEnergy's Senior Geologist, who is a "qualified person" (as defined in National Instrument 43-101 – Standards of Disclosure for Mineral Projects). Mr. Carmichael has verified the data disclosed. This news release refers to properties other than those in which the Company has an interest. Mineralization on those other properties is not necessarily indicative of mineralization on the Company's properties. An RS-125 hand-held spectrometer was used to verify that the radioactivity is due to uranium. As the drill holes reported herein are vertical or near-vertical, and the mineralization is interpreted to be horizontal, the true thickness is expected to be within 90% of the cored intervals.

About IsoEnergy

IsoEnergy is a well-funded uranium exploration and development company with a portfolio of prospective projects in the eastern Athabasca Basin in Saskatchewan, Canada and a historic inferred mineral resource estimate at the Mountain Lake uranium deposit in Nunavut. IsoEnergy is led by a Board and Management team with a track record of success in uranium exploration, development and operations. The Company was founded and is supported by the team at its major shareholder, [NexGen Energy Ltd.](#)

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Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking information and statements will prove to be accurate, as actual results and future events could differ materially from those anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. The Company undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws

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