

IsoEnergy Intersects Strong Pitchblende Uranium Mineralization in First Along-Strike Step-out at the Hurricane Zone

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VANCOUVER, Feb. 11, 2019 /CNW/ - [IsoEnergy Ltd.](#) ("IsoEnergy" or the "Company") (TSXV: ISO; OTCQX: ISENF) is announce that it has intersected an interval of strong (>20,000 total cps on an RS-125 hand-held spectrometer) uranium mineralization at the Hurricane zone in the first follow-up drill hole (LE19-06) completed along-strike of last summer's in drill hole LE18-01A. The Hurricane zone is a new discovery of high-grade uranium mineralization on the Company's owned Larocque East property in the eastern Athabasca Basin of northern Saskatchewan.

Drilling Highlights

- The first along-strike step-out from the discovery section has intersected strong pitchblende uranium mineralization in drill hole LE19-06
- Also, mineralization in drill hole LE19-04 extends the width of the Hurricane zone on the discovery section to at least 38 metres
- The company is fully funded for the current drill program and subsequent follow-up in 2019

Leigh Curyer, Chairman of the Board commented: "The founding of ISO to focus on exploring and securing properties in the eastern side of the Athabasca Basin has proven incredibly successful with Craig and his team targeting and intersecting high-grade mineralization. The exploration methodology and disciplines developed in the NexGen / ISO group of which Craig is a member since the incorporation of NexGen, are proving very effective in terms of targeting, intersecting and developing uranium mineralization in a timely and cost-effective manner."

Craig Parry, Chief Executive Officer commented: "The team has done a tremendous job in targeting and successfully finding high-grade mineralization at Hurricane. Based on my experience, I am very encouraged by these results given the extent of high-grade mineralization in only 6 holes to date. The 38 metre width of the zone on the discovery section is particularly impressive. The radioactive intervals at Hurricane are certainly on par with other discoveries in the basin. The mineralization remains open in all directions along-strike and there is great potential for more good results from the ongoing program."

Drill Hole LE19-06

Drill hole LE19-06 was designed to evaluate the potential for expansion of the Hurricane zone on section 4585E, along strike east of discovery drill hole LE18-01A. The drill hole penetrated overburden and Athabasca sandstone to 336.0 metres below basement metasedimentary gneiss to the end of the hole at 443 metres. Substantial uranium mineralization was intersected in drill hole, 30 metres east of the mineralization in drill hole LE18-01A. The radioactive intervals (>1000 total cps on an RS-125 hand-held spectrometer) are summarized in Table 1 and are shown on a cross section in Figure 2. They include a 2.0-metre-long zone of uranium mineralization perched in the sandstone and centered about seven metres above the unconformity, and a 4.0-metre-long zone of stronger uranium mineralization that measures >5,000 cps (RS-125) and lies immediately above the sub-Athabasca unconformity. Mineralization is visually similar to the drill holes on the discovery section 4560E and includes fracture controlled, disseminated and replacement styles of pitchblende with hematite and clay. Within the lower interval is a 2.0-metre-long subinterval of stronger radioactivity that measures >10,000 cps on the RS-125. Within the 2.0-metre-long subinterval is a 0.5-metre-long zone of dark grey to black uranium mineralization that averages 28,000 cps (RS-125). The rocks immediately beneath the mineralization consist of bleached and clay-rich graphitic cordierite augen gneiss with several fault zones.

Drill Holes LE19-04 and LE19-05

Drilled as an additional step-out on the discovery section 4560E, 12.5 metres north of previously disclosed follow-up drill hole LE19-02, drill hole LE19-04 was designed to evaluate the potential for continued expansion of the Hurricane zone to the north. The drill hole penetrated overburden and then Athabasca sandstone to 333.5 metres. Weak uranium mineralization was

intersected in two narrow intervals at the unconformity that are summarized in Table 1 and shown on Figure 3. These demonstrate that mineralization at the Hurricane zone has a minimum cross-strike width of 38 metres, extending from core LE19-03 in the south to LE19-04 in the north.

Drill hole LE19-05 intersected the sub-Athabasca unconformity 25 metres to the north of drill hole LE19-04, also on the section 4560E. Substantial alteration in the sandstone suggests that additional targets are present north of this drill hole, but no significant mineralization was intersected.

Table 1 Hurricane Zone Radioactive Intervals

Hole-ID	From (m)	To (m)	Length (m)	Radioactivity ^{1,2} (CPS)	Location
LE19-02 ³	316.5	320.0	3.5	>1,000	Discovery Section, 12.5 m north of LE18-01A
and ³	326.5	330.0	3.5	>1,000	
incl. ³	328.5	330.0	1.5	>20,000	
incl. ³	329.0	329.5	0.5	>50,000	
LE19-03 ³	324.0	324.5	0.5	>1,000	Discovery Section, 12.5 m south of LE18-01A
and ³	326.5	329.5	3.0	>1,000	
incl. ³	328.5	329.5	1.0	>5,000	
incl. ³	329.0	329.5	0.5	>20,000	
LE19-04	329.0	329.5	0.5	>1,000	Discovery Section, 12.5 m north of LE19-02
	333.0	333.5	0.5	>1,000	
LE19-05	No significantly elevated radioactivity				Discovery Section, 25 m north of LE19-04
LE19-06	328.0	330.0	2.0	>1,000	30 m step-out along-strike east of LE18-01A
and	332.0	336.0	4.0	>5,000	
incl.	333.5	335.5	2.0	>10,000	
incl.	333.5	334.0	0.5	>20,000	

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

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 end of IsoEnergy's Geiger property and is 35 kilometres northwest of Orano Canada's McClean Lake uranium mine and

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. At Cameco's Larocque Lake zone has returned historical intersections of up to 29.9% U₃O₈ over 7.0 metres in drill hole

Drilling at the Cameco's Larocque North zone has returned intersections of up to 2.05% U_3O_8 over 0.6 metres in drill holes. Like the nearby Geiger property, Larocque East is located adjacent to the Wollaston-Mudjatik transition zone - a major suture related to most of the major uranium deposits in the eastern Athabasca Basin. Importantly, the sandstone cover is 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 cover. Five of the historical holes have intersected weak uranium mineralization on the Larocque East property to date, including 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 in the general vicinity of the Hurricane zone.

Next Steps

Additional drilling will be completed 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. Geochemical results from the new drill holes reported here are expected within six weeks. Drill hole LE19-06 is the fifth of a planned 10-hole program. Following a \$5.5M financing completed 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 and Standards of Disclosure for Mineral Projects). Mr. Carmichael has verified the data disclosed. This news release refers to properties other than those owned by 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. The drill holes reported herein are vertical or near-vertical, and the mineralization is interpreted to be horizontal, the true thickness of the mineralization 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 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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<https://www.goldseiten.de/artikel/403967--IsoEnergy-Intersects-Strong-Pitchblende-Uranium-Mineralization-in-First-Along-Strike-Step-out-at-the-Hurricane-Zone>

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