



## **IsoEnergy Drills 4.0 m of 3.8% U<sub>3</sub>O<sub>8</sub> in 30 m Step-out to the East and Intersects Strong Radioactivity in 30 m Step-Out Hole to the West, Mineralization Remains Open Along Strike**

***Company expands drilling program based on exploration results at the Hurricane zone high-grade uranium discovery***

**Vancouver, BC, February 28, 2019** – IsoEnergy Ltd. (“IsoEnergy” or the “Company”) (TSXV: ISO; OTCQX: ISENF) is pleased to announce that drill hole LE19-06 assayed 4.0 metres of 3.8% U<sub>3</sub>O<sub>8</sub>, including 0.5 metres @ 13.7% U<sub>3</sub>O<sub>8</sub>. LE19-06 was collared 30 metres to the east of drill hole LE18-01A, the original discovery drill hole which returned 8.5 metres @ 1.3% U<sub>3</sub>O<sub>8</sub> including 2.5m @ 3.6% U<sub>3</sub>O<sub>8</sub>.

LE19-09, a 30 metre step out to the west, intersected strong radioactivity that consists of 4.5 metres of fracture controlled, disseminated and replacement styles of pitchblende uranium mineralization (>1,000 cps RS-125), as summarized in Table 1. This includes 2.0 metres of strongly elevated radioactivity that averages >20,000 cps (RS-125).

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 (Figure 1). As a result of its successful exploration efforts, the Company is expanding its 2019 winter drill program to further define the extent of the mineralization which currently stands at 60 metres long and 38 metres wide and remains open along strike in both directions. The Company, having raised \$5.5 million in December 2018, remains fully funded for this expanded program and a follow-up drilling campaign that is planned for the summer.

Craig Parry, Chief Executive Officer commented: “The results of along-strike drilling are excellent and confirm we have made a high-grade uranium discovery. Based on historical drilling we know the mineralized system is at least one kilometre long and with uranium mineralization intersected in seven of eight drill holes completed to date, an expansion of our on-going drill program was an easy decision. The additional drilling will help to set us up for an exciting fully funded follow-up drilling campaign after spring break-up.”

Steve Blower, Vice President, Exploration commented: “I’m pleased that our along-strike step-out drill holes have hit strong uranium mineralization in both directions. With current dimensions already measuring 60 metres long and 38 metres wide, the Hurricane zone is growing and is open for expansion. The tenor of alteration in the sandstone and basement is strong and there is elevated uranium geochemistry to the top of the sandstone – all key features of larger uranium deposits in the Athabasca basin.”

## LE19-06 (Eastern Step-Out)

Drill hole LE19-06 is the first along-strike step-out to the east of the discovery section. The drill hole pierced the sub-Athabasca unconformity 30 metres east of the discovery section and intersected two main intervals of fracture controlled, disseminated and replacement styles of pitchblende uranium mineralization (>1,000 cps RS-125), as reported earlier (see news release dated February 11, 2019) and summarized in Table 1. An upper zone of sandstone-hosted uranium mineralization is followed by strong uranium mineralization at the unconformity that averages 3.8% U<sub>3</sub>O<sub>8</sub> and 1.1% Ni over 4.0 metres. Included in the interval are maximum values of 13.7% U<sub>3</sub>O<sub>8</sub> and 1.2% Ni over 0.5 metres. Figure 2 shows the location of the drill hole in planview and Figure 3 shows the location on a cross-section. Note that the strong mineralization in LE19-06 is open to the south. A core photo of the mineralization is included as Figure 4.

## LE19-09 (Western Step-Out)

Collared 30 metres west of the discovery section, drill hole LE19-09 intersected substantial uranium mineralization along-strike of previously disclosed drill holes LE18-01A and LE19-02 (Table 1). The main intersection consists of 4.5 metres of fracture controlled, disseminated and replacement styles of pitchblende uranium mineralization (>1,000 cps RS-125), as summarized in Table 1. This includes 2.0 metres of strongly elevated radioactivity that averages >20,000 cps (RS-125). Figure 5 shows the location of the drill hole on a cross-section. Note that the strong mineralization in drill hole LE19-09 is open to the south. Figure 6 is a core photo of the mineralization.

**Table 1 – Hurricane Zone Radioactive Intervals**

Hole-ID	From (m)	To (m)	Length (m)	Radioactivity <sup>1,2</sup> (CPS)	Chemical Assays		Location
					U <sub>3</sub> O <sub>8</sub> (%)	Ni (%)	
LE19-02 <sup>3</sup>	316.5	320.0	3.5	>1,000	<b>0.2</b>	<b>0.1</b>	Section 4560E
and	326.5	330.0	3.5	>1,000	<b>10.4</b>	<b>0.8</b>	
incl.	328.5	330.0	1.5	>20,000	<b>23.6</b>	<b>1.6</b>	
incl.	329.0	329.5	0.5	>50,000	<b>38.2</b>	<b>1.5</b>	
LE19-03 <sup>3</sup>	324.0	324.5	0.5	>1,000	<b>0.2</b>	<b>0.1</b>	Section 4560E
and	326.5	329.5	3.0	>1,000	<b>2.7</b>	<b>2.3</b>	
incl.	328.5	329.5	1.0	>5,000	<b>7.6</b>	<b>6.6</b>	
incl.	329.0	329.5	0.5	>20,000	<b>13.3</b>	<b>11.8</b>	
LE19-04 <sup>4</sup>	329.0	329.5	0.5	>1,000	<b>0.1</b>	<b>0</b>	Section 4560E
	333.0	333.5	0.5	>1,000	<b>0.4</b>	<b>0.2</b>	
LE19-05 <sup>4</sup>	No significantly elevated radioactivity						Section 4560E
LE19-06 <sup>4</sup>	328.0	330.0	2.0	>1,000	<b>0.4</b>	<b>0.1</b>	Section 4585E
and	332.0	336.0	4.0	>5,000	<b>3.8</b>	<b>1.1</b>	
incl.	333.5	335.5	2.0	>10,000	<b>5.5</b>	<b>0.7</b>	
incl.	333.5	334.0	0.5	>20,000	<b>13.7</b>	<b>1.2</b>	
LE19-07	325.0	331.0	6.0	>1,000	Pending		Section 4585E
incl.	328.0	328.5	0.5	>5,000	Pending		
LE19-08	326.5	327.0	0.5	>1,000	Pending		Section 4535E
and	333.0	336.5	3.5	>1,000	Pending		
incl.	335.5	336.0	0.5	>10,000	Pending		
<b>LE19-09</b>	<b>325.0</b>	<b>329.5</b>	<b>4.5</b>	<b>&gt;1,000</b>	<b>Pending</b>		<b>Section 4535E</b>
<b>incl.</b>	<b>327.0</b>	<b>329.0</b>	<b>2.0</b>	<b>&gt;20,000</b>	<b>Pending</b>		

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

## **LE19-07 and LE19-08**

Drill holes LE19-07 and LE19-08 both intersected substantial lengths of elevated radioactivity. LE19-07 was drilled to the north of LE19-06 on section 4585E. It intersected a long interval (6.0 metres) of weak to moderate radioactivity at the sub-Athabasca unconformity. Drill hole LE19-08 is the first hole drilled along-strike to the west of the discovery section. It intersected two intervals of elevated radioactivity, including 3.5 metres of weak to moderate radioactivity at the sub-Athabasca unconformity. Assay results for both of these drill holes are pending.

## **Expanded Program**

Due to the successful intersection of uranium mineralization in all but one of the eight drill holes completed to date, the Company has expanded the current drilling program to 12 drill holes from 10. The expanded program allows an acceleration of more aggressive step-outs along-strike of the existing intersections and is expected to be complete by mid-March.

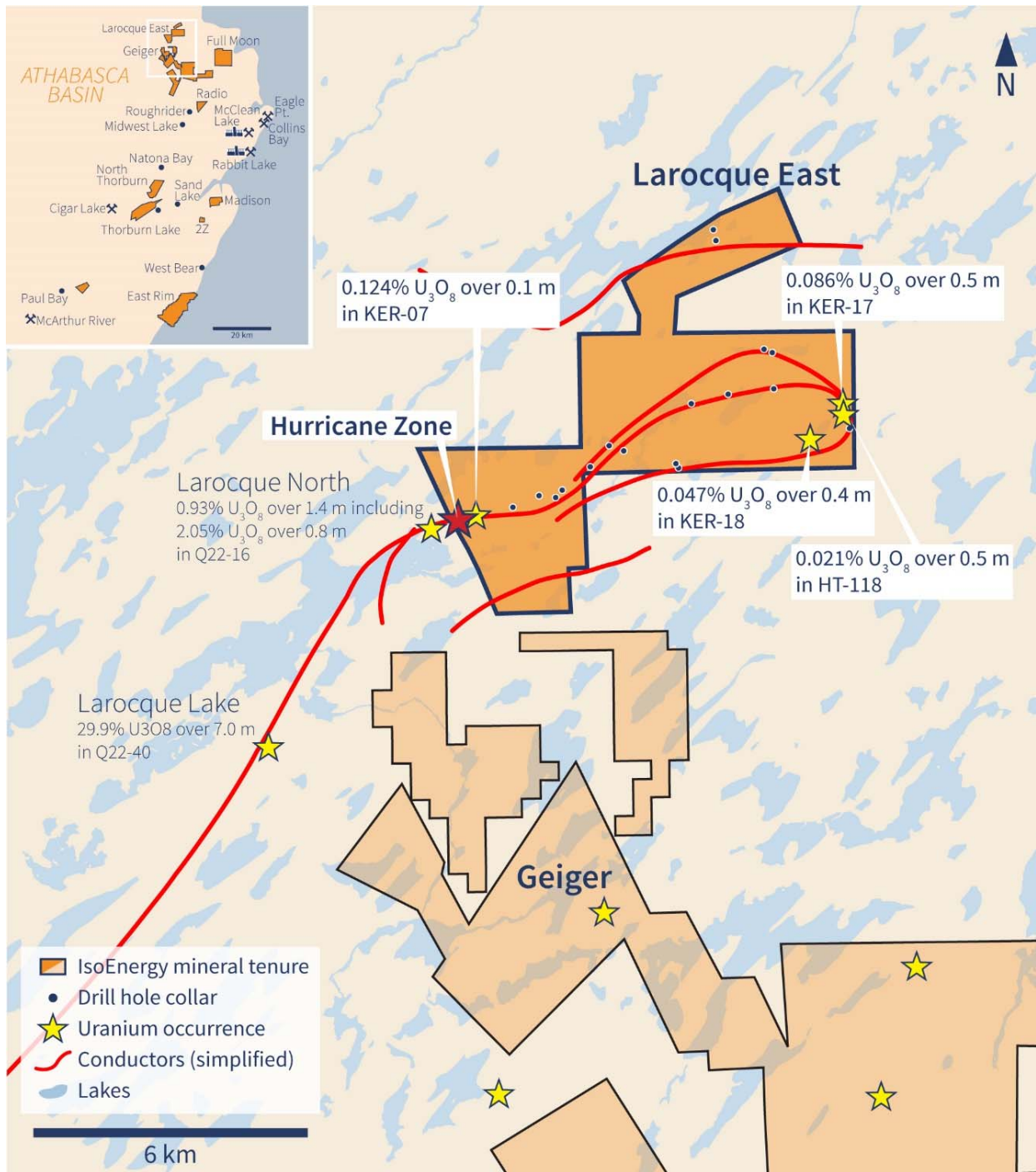
## **Larocque East**

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 at the Hurricane zone, and in several occurrences on a neighbouring property to the southwest of Larocque East. The closest of these to Larocque East 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%  $U_3O_8$  over 7.0 metres in drill hole Q22-040. Drilling at the Larocque North zone has returned intersections of up to 2.05%  $U_3O_8$  over 0.6 metres in drill hole Q22-16. Like the nearby Geiger property, Larocque East is located adjacent to the Wollaston-Mudjatic transition zone - a major crustal suture related to most of the major uranium deposits in the eastern Athabasca Basin. Importantly, the sandstone cover on Larocque East is thin, ranging between 140 metres and 330 metres in previous drilling.

In addition to the Hurricane zone discovery, four historical drill holes have intersected weak uranium mineralization at other locations on the Larocque East property to date, including drill hole KER-07 (0.12%  $U_3O_8$  over 0.1 metre), located 400 metres east of the discovery section.

**Figure 1 – Larocque East Property Location Map**



**Figure 2 –Hurricane Zone Detailed Planview**

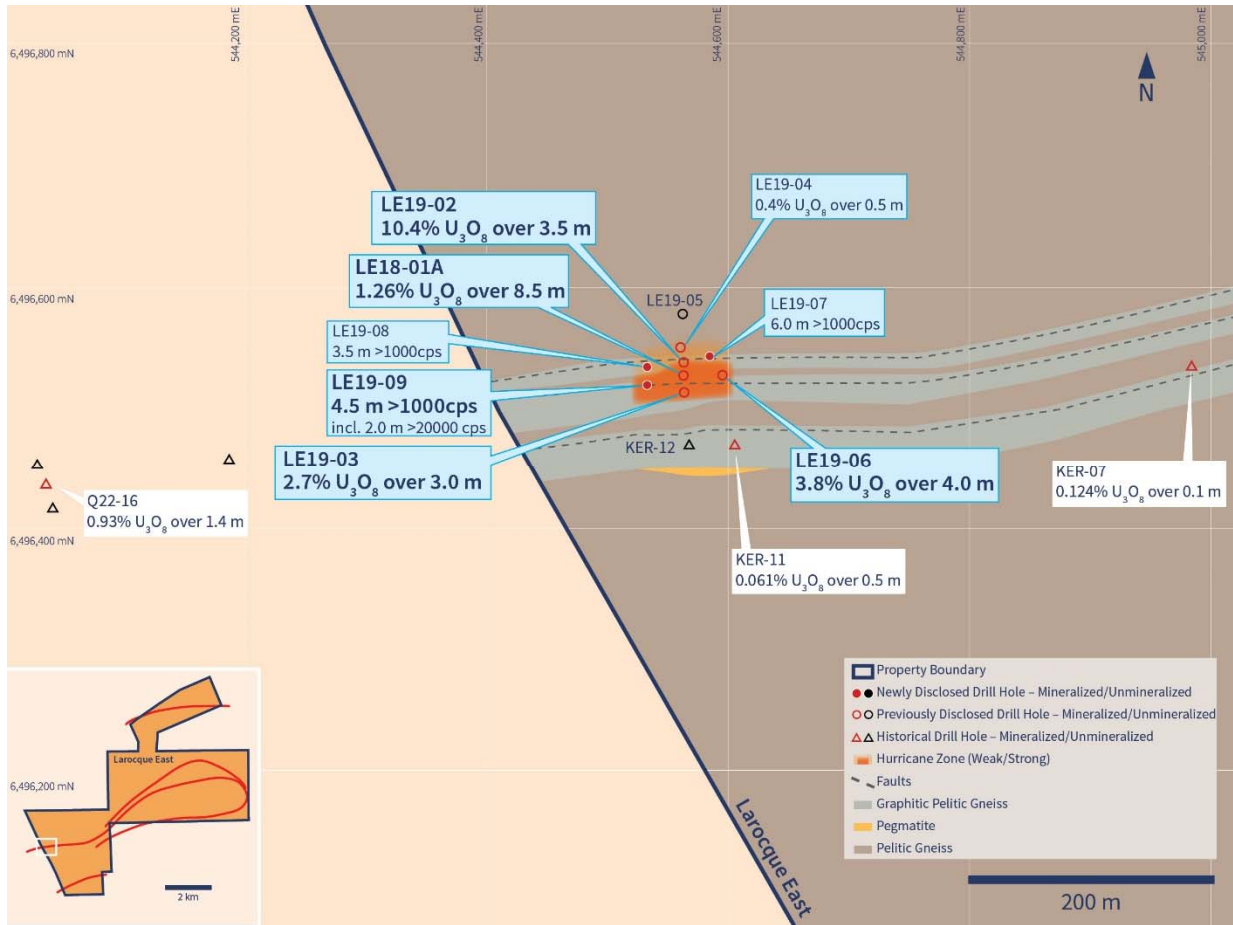


Figure 3 – Cross-Section 4585E (Showing Drill Hole LE19-06)

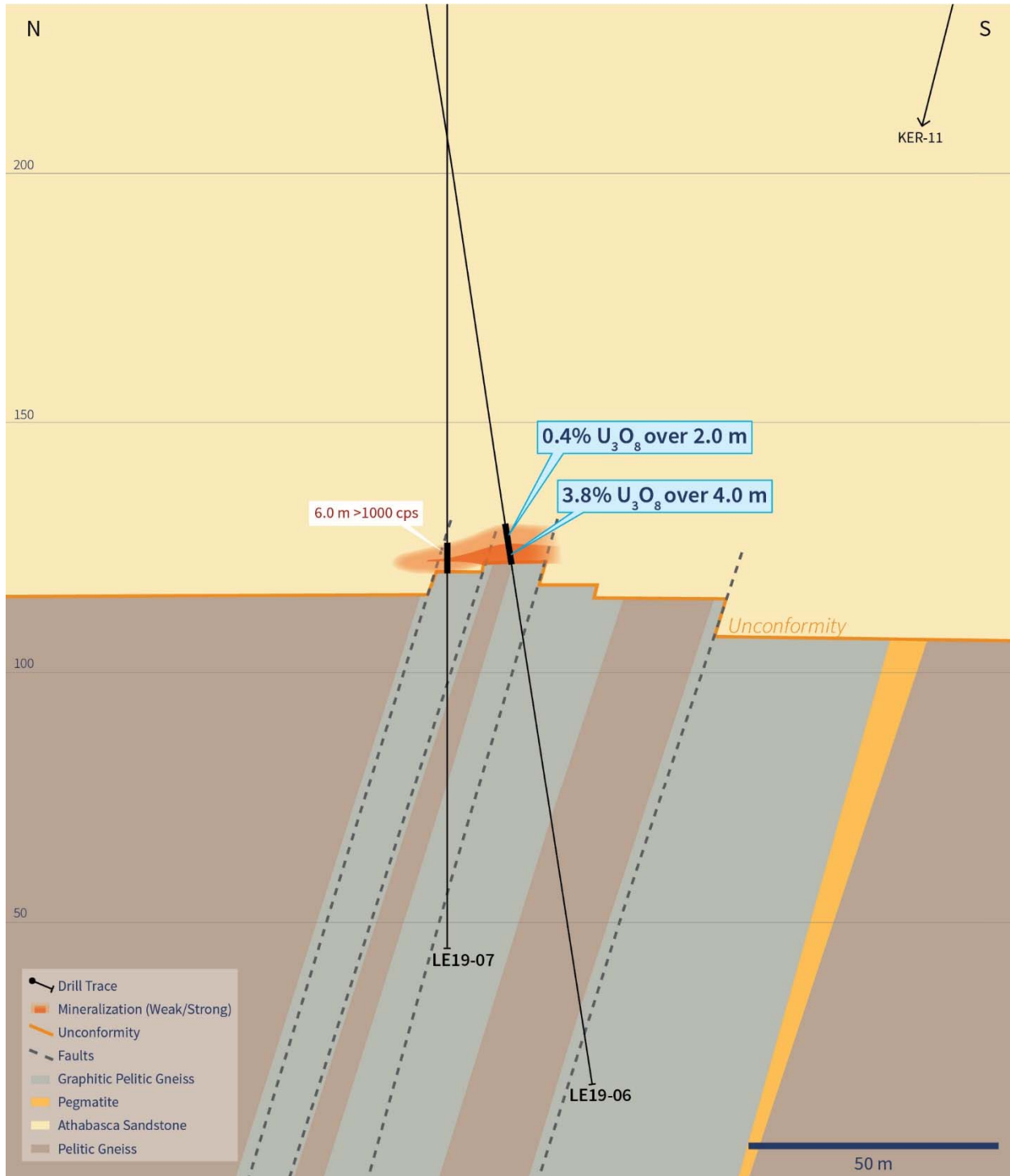




Figure 4 – Core Photo of Mineralization in Drill Hole LE19-06

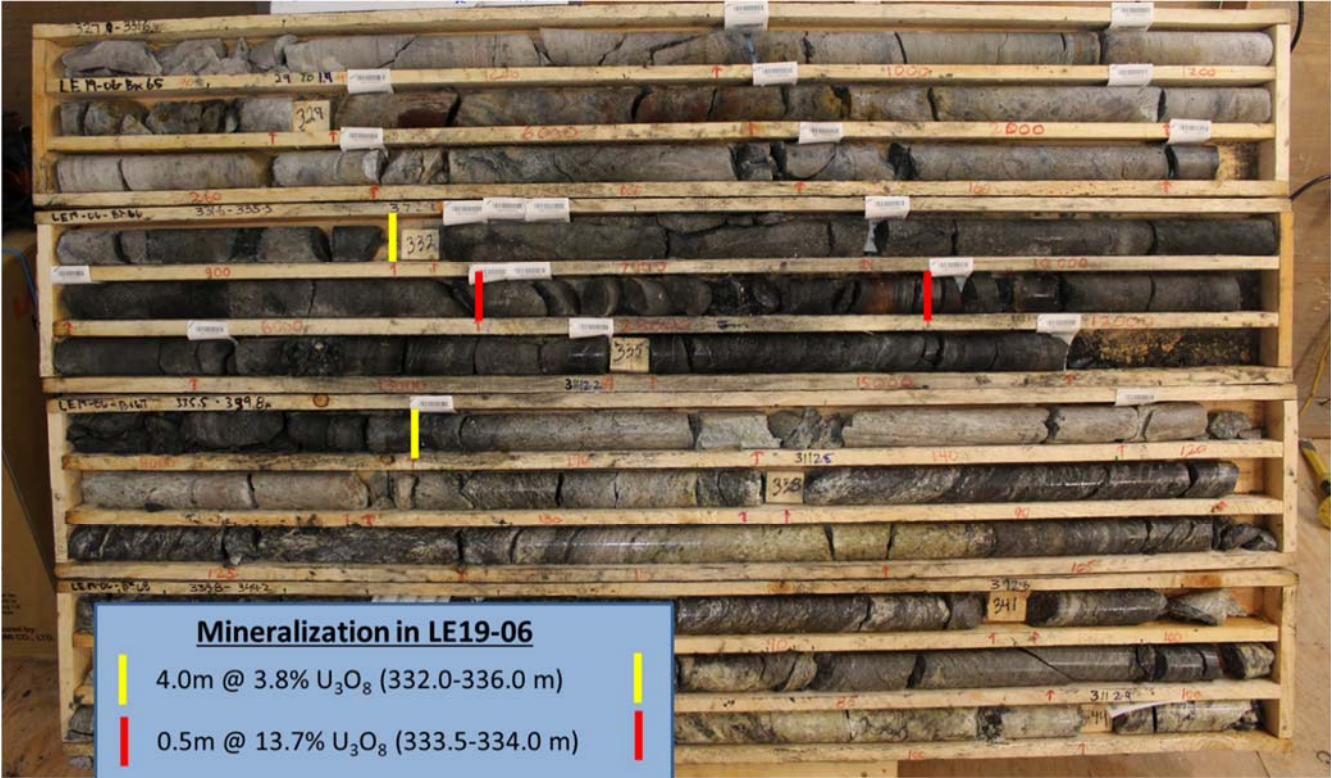


Figure 5 – Cross-Section 4535E (Showing Drill Hole LE19-09)

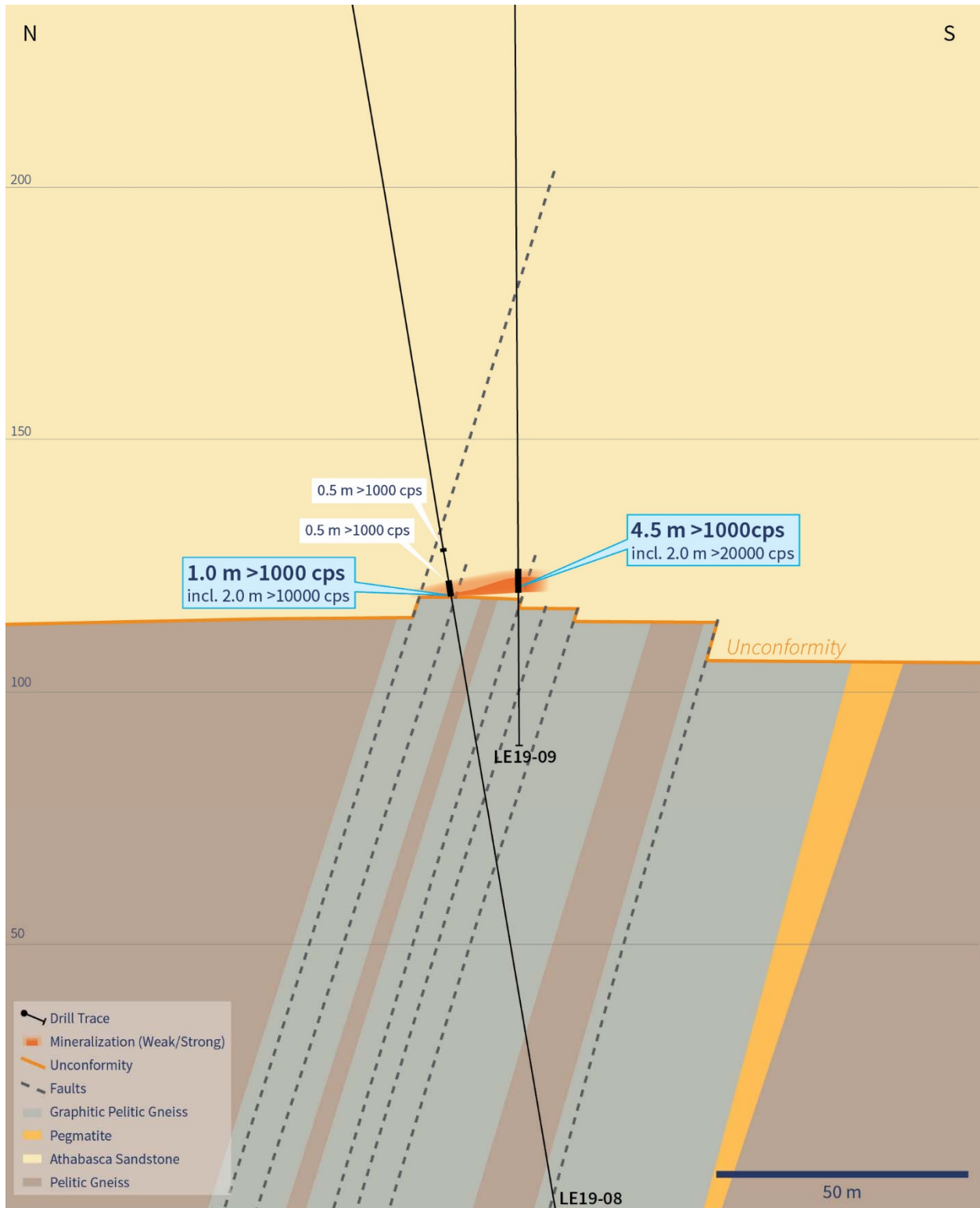




Figure 6 – Core Photo of Mineralization in Drill Hole LE19-09



### 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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