



IsoEnergy Intersects Elevated Uranium Geochemistry at Radio

Vancouver, BC, April 11, 2017 – IsoEnergy Ltd. (“IsoEnergy” or the “Company”) (TSXV:ISO) is pleased to report on exploration drilling results at the Radio uranium project in the eastern Athabasca Basin of Saskatchewan. Results include the intersection of elevated uranium geochemistry in drill hole RD17-27, and elevated nickel, a common uranium pathfinder element, in several other drill holes.

IsoEnergy has completed a two-stage drilling program at Radio, where land accessible targets were drilled during the period September to October 2016, whilst drilling of targets accessible upon ice formation was completed in Q1 2017. IsoEnergy has an exclusive right to earn a 70% interest in the Radio property, which is located 2 kilometres east of the Roughrider uranium deposit.

Radio Property Drilling

A total of 3,913 metres of drilling was completed in 10 drill holes on the Radio property during January and February, 2017. The focus of the program was to evaluate extensions of the moderate to strong basement clay alteration zone discovered in October, 2016 for high grade basement hosted uranium mineralization. Depth to the sub-Athabasca unconformity at Radio ranges from 170 to 190 metres.

Eight of the 10 drill holes targeted the basement clay alteration zone. Some of the drilling infilled gaps on sections tested in 2016, but most consisted of 200 metre step-outs along-strike or 50-100 metre step-outs up-dip and down-dip. Drill hole RD17-27, a 50 metre step-out up-dip of 2016 drill hole RD16-21A, is the first drill hole at Radio to encounter elevated uranium geochemistry. It intersected 143 ppm uranium over 0.2 metres (240.5-240.7 metres) in a clay altered graphitic fault within the broader zone of basement clay alteration. Figure 2 is a cross-section through RD17-27 and Figure 3 is a core photo showing the location of the interval within moderate to strong clay alteration and secondary hematite. Figure 2 shows that the intersection occurs 60 metres beneath the sub-Athabasca unconformity and is open in the up-dip direction.

With the receipt of the 2017 geochemistry results, an association between moderate to strong clay alteration and the uranium pathfinder element nickel is evident. For example, a 96 metre interval of moderate to strong basement clay alteration in drill hole RD17-25 averages 123 ppm nickel.

Figure 1 – Radio Planview

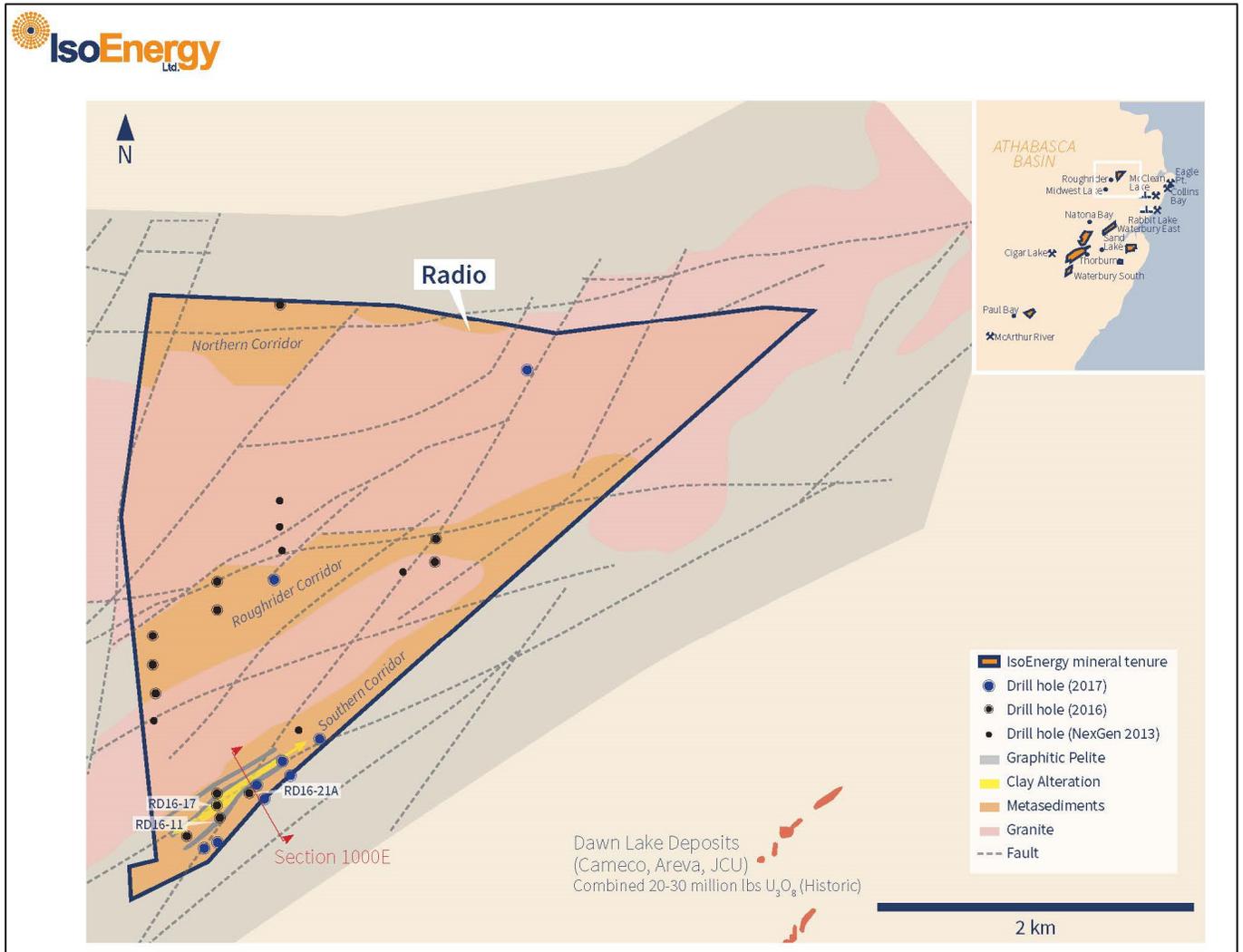


Figure 2 – Radio Cross Section SW1000E

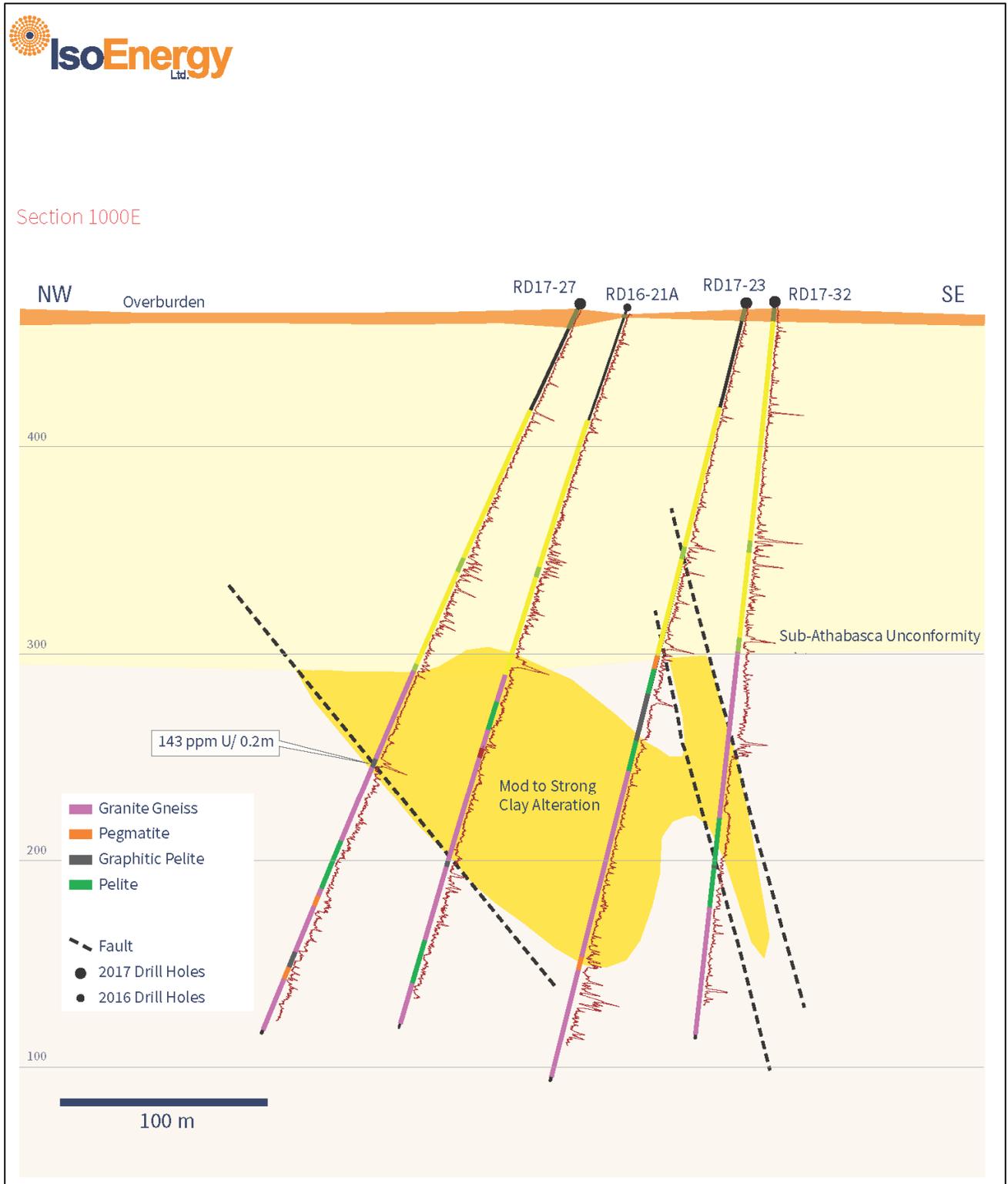


Figure 3 – RD17-27 Core Photo



Qualified Person Statement

All scientific and technical disclosure contained in this news release was prepared by Steve Blower, P.Ge., IsoEnergy's Vice President, Exploration, who is a Qualified Person (as defined in National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*). Mr. Blower has verified the data disclosed including the sampling, analytical, and test data underlying the information or opinions contained herein by reviewing original data certificates and monitoring all of the data collection protocols. For additional information regarding the Company's Radio project, including its quality assurance and quality control procedures, please see the technical report dated effective August 19, 2016 on the Company's profile at www.sedar.com.

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.

About IsoEnergy

IsoEnergy Ltd. 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 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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This news release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. "Forward-looking information" includes, but is not limited to, statements with respect to the activities, events or developments that the Company expects or anticipates will or may occur in the future, including, without limitation, planned exploration activities. Generally, but not always, forward-looking information and statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or the negative connotation thereof or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved" or the negative connotation thereof.

Such forward-looking information and statements are based on numerous assumptions, including among others, that the results of planned exploration activities are as anticipated, the price of uranium, the anticipated cost of planned exploration activities, that general business and economic conditions will not change in a material adverse manner, that financing will be available if and when needed and on reasonable terms, and that third party contractors, equipment and supplies and governmental and other approvals required to conduct the Company's planned exploration activities will be available on reasonable terms and in a timely manner. Although the assumptions made by the Company in providing forward-looking information or making forward-looking statements are considered reasonable by management at the time, there can be no assurance that such assumptions will prove to be accurate.

Forward-looking information and statements also involve known and unknown risks and uncertainties and other factors, which may cause actual events or results in future periods to differ materially from any projections of future events or results expressed or implied by such forward-looking information or statements, including, among others: negative operating cash flow and dependence on third party financing, uncertainty of additional financing, no known mineral reserves or resources, potential forfeiture of the Radio Option Agreement, the limited operating history of the Company, the influence of a large shareholder, alternative sources of energy and uranium prices, aboriginal title and consultation issues, reliance on key management and other personnel, actual results of exploration activities being different than anticipated, changes in exploration programs based upon results, availability of third party contractors, availability of equipment and supplies, failure of equipment to operate as anticipated; accidents, effects of weather and other natural phenomena and other risks associated with the mineral exploration industry, environmental risks, changes in laws and regulations, community relations and delays in obtaining governmental or other approvals.

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.