



# 2Z Lake Project Athabasca Basin, Saskatchewan



The 2Z project is located 30 kilometers southeast of Cigar Lake mine and 11 kilometers southeast of Sand Lake uranium deposit. The project consists of four mineral claims totaling 354 hectares. The vertical depth to the unconformity is 60 to 100 meters. The Wolf grid conductive trend extends onto the eastern part of 2Z.

### Directors

Leigh Curyer, *Chairman*Craig Parry, *President and CEO*Christopher McFadden
Richard Patricio
Trevor Thiele

Saskatchewan

### Management

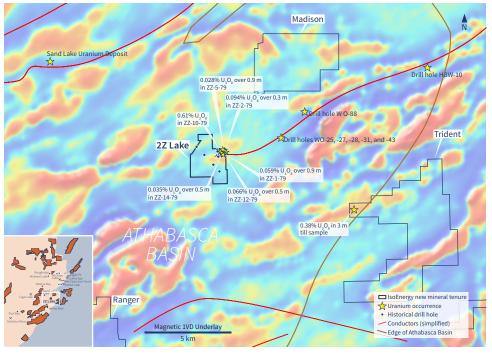
Craig Parry, *President and CEO*Steve Blower, *VP Exploration*Janine Richardson, *CFO*Keith Bodnarchuk, *Corp Dev Manager*Andy Carmichael, *Senior Geologist*Justin Rodko, *Project Geologist* 

### Contact

Keith Bodnarchuk, *Corp Dev Manager* kbodnarchuk@isoenergy.ca
T +1 778 867 2631

### IsoEnergy Ltd.

970 – 1055 West Hastings St. Vancouver, BC, Canada V6E 2E9 +1 778 379 3211 info@isoenergy.ca



## **Historical Work**

1970s: Noranda Exploration, SMDC, and CEGB

- Surficial mapping, lake sediment geochemical survey, a combination of EM and radiometric surveys followed up with diamond drilling
- Six historical drill holes intersected mineralization at the unconformity with the highest grade being in ZZ-10-79, which intersected 0.6% U<sub>3</sub>O<sub>8</sub>

### 1980s: Eldorado Resources

- Horizontal Loop EM and diamond drilling
- Drill hole Two-Z-1

### 1990s: Cameco and Uranerz Exploration

• Horizontal Loop EM survey

# **Potential**

- The unconformity mineralization has been well tested in the immediate area but the fact that the trend is fertile increases the likelihood of mineralization occurring elsewhere on the trend
- Only one hole on the property was drilled more than 15 metres into the crystalline basement, suggesting that none of the area has been properly tested for basement mineralization. The mineralization in ZZ-10-79 could be the unconformity manifestation of basement hosted uranium at depth
- The shallow depth to the unconformity reduces exploration costs and increases the options available for mining should a deposit be found

# **Next Steps**

- Given the lack of surficial geochemical data and relatively shallow sandstone cover, a soil sampling program could flag overlooked areas along the magnetic low corridor
- Reinterpret historical drilling to determine the best area to test for down-dip extensions of the known mineralization

# **2Z Lake Claim Summary**

Claim	Hectares	Effective Date	Annual Assessment	Expiry Date
S-110251	52	Nov. 24, 2008	\$1,300	Dec. 24, 2023
S-110253	174	Nov. 24, 2008	\$4,350	Dec. 24, 2022
S-110254	41	Nov. 5, 2008	\$1,025	Dec. 24, 2023
S-110255	87	Nov. 24, 2008	\$2,175	Dec. 24, 2022
Total	354		\$8,850	

(2% NSR & 2% GORR on claims)