

The North Thorburn Project

Athabasca Basin, Saskatchewan



Directors

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

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*

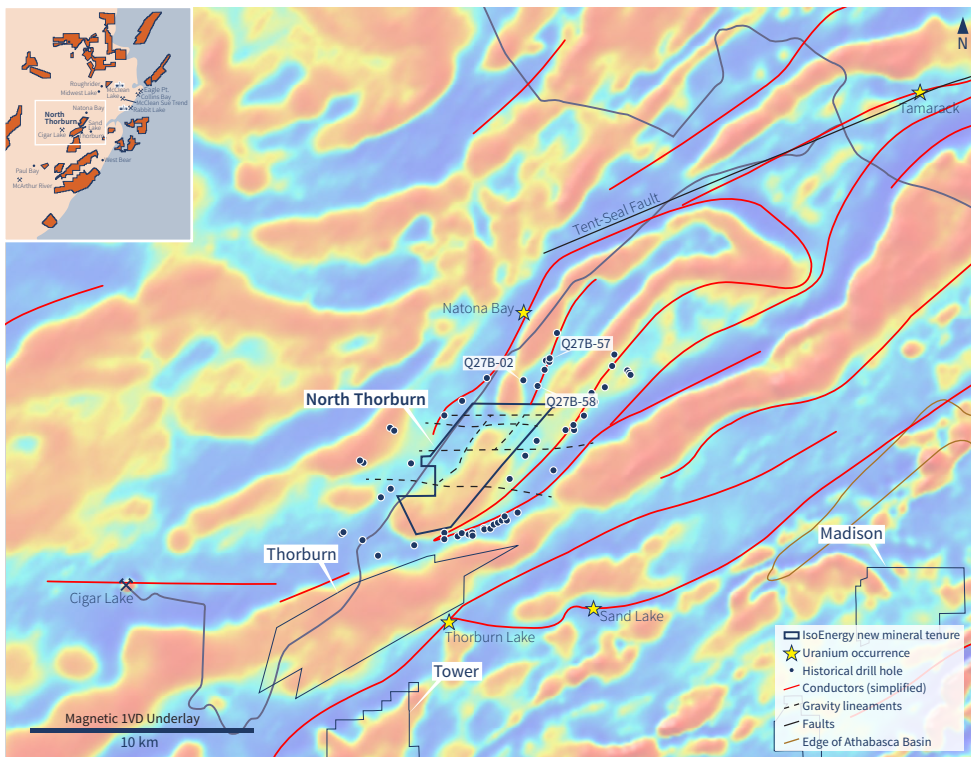
Contact

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

The North Thorburn project is located 13 kilometres east of the Cigar Lake mine, four kilometres south of the Natona Bay Pod, and 4 kilometres north of the Thorburn Lake deposit. North Thorburn comprises one claim covering 1,708 hectares which is transected by the Cigar Lake Road. The vertical depth to the unconformity is approximately 300 metres.



Historical Work

1970s: Asamera Oil Corporation

- Airborne radiometric, magnetic, and EM surveys and ground EM surveys
- Surficial geology studies and geochemical surveys

1980s-2000s: SMDC/Cameco

- Airborne magnetic and EM surveys, ground EM surveys and diamond drilling
- Discovery of the Natona Bay Uranium Pod in 1985 (up to 7.5% U₃O₈ over 1.9 m)
- Drill holes Q27B-02, Q27B-057 and Q27B-58 completed 900 to 2,000 metres northeast of North Thorburn
- Q27B-057 intersected 0.38% U₃O₈ over 1.5 m within a zone of brick red hematite and chlorite alteration in the basal sandstone. Hydrothermal alteration and structure through the medial sandstone indicate the optimal target was likely overshot.
- Q27B-02 intersected altered structural zones in the sandstone atop graphitic semipelite basement
- Q27B-58 failed to explain the targeted conductor indicating the optimal target was missed

2010s: Dahrouge, IsoEnergy

- Ground gravity, magnetic, and IP-resistivity surveying
- Magnetic surveys identified lineaments interpreted to represent basement-rooted structures
- Gravity surveying mapped zones lower gravity coincident with magnetic lineaments which may indicate hydrothermal alteration of structures
- IP-Resistivity surveying mapped three trends of decreased basement resistivity including one trend that represents the southwest extension onto North Thorburn of northeast-trending conductors

Potential

- North Thorburn hosts coincident gravity and resistivity lows located directly along trend from weak mineralization to the northeast which are crosscut by east-west magnetic lineaments parallel to the Cigar Lake trend
- The Project's location proximal to Cigar Lake Mine, Cigar Lake road, and Points North Landing greatly simplifies logistics and lowers exploration and development costs
- No drill holes have been completed within this highly prospective, drill-ready property

Next Steps

- Drill test resistivity and gravity lows where coincident with magnetic lineaments
- Extend resistivity coverage over the southern half of project

North Thorburn Claim Summary

Claim	Hectares	Effective Date	Annual Assessment	Expiry Date
S-111628	1,708	Aug.11, 2009	\$42,700	Sept 16, 2027
Total	1,708		\$42,700	