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The Clover Project Athabasca Basin, Saskatchewan



The Clover Project is located 27 kilometres west of the Cigar Lake Mine, 11 kilometres west of the Tucker Lake zone, and comprises five claims totaling 23,959 hectares. Drilling indicates the vertical depth to the unconformity is 700 to 800 metres. 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



Potential

- The Clover property contains both extensions and parallel trends of Orano's Close Lake property which features the Tucker Lake ($2.11\% U_3O_8$ over 22.3 m) and Dolmen Lake ($3.45\% U_3O_8$ over 7 m) mineralized zones
- Multiple conductors located on the flanks of magnetic highs with limited drilling (only three historical holes) offer great potential for uranium mineralization
- The depth to the unconformity is relatively deep (700-800 m) which explains limited past exploration. However, this project contains overlooked targets with similar geologic and structural settings as the proximal Tier 1 assets making it a strong candidate for a missed opportunity

Next Steps

- DC-resistivity survey to locate sandstone alteration zones coinciding with underlying magnetic low and conductive trends
- Reinterpret Pitchstone's ground EM survey and drill test in the area by FW07-01 attempting to intersect previously missed conductor

Clover Claim Summary

Claim	Hectares	Effective Date	Annual Assessment	Expiry Date
MC00013899	5,390	May 4, 2020	\$80,854	Aug. 2, 2022
MC00013900	5,930	May 5, 2020	\$88,947	Aug. 3, 2022
MC00013901	5,628	May 5, 2020	\$84,423	Aug. 3, 2022
MC00013906	5,657	May 5, 2020	\$84,856	Aug. 3, 2022
MC00013908	1,354	May 5, 2020	\$20,308	Aug. 3, 2022
Total	23,959		\$359,389	

Historical Work

1970s to 1980s: E&B Exploration

• Combination of airborne and ground geophysical surveys with limited prospecting

1980s to 1990s: Cogema

- UTEM moving loop, VLF-EM and horizontal loop surveys defined multiple conductive trends
- Moving loop EM outlined two conductors related to regional, northeast-trending magnetic low

2000s: CanAlaska

- VTEM, magnetic, and Audiomagnetotelluric (AMT) surveying mapped electromagnetic and AMT anomalies coincident with magnetic lows indicative of graphitic conductors
- Boulder and lake sediment sampling outlined several areas of anomalous clay mineralogy and geochemistry

2000s: Denison

- MegaTEM airborne survey followed up by ground moving loop EM survey outlined a conductive response
- Drill hole KI-07-01 intersected faulting in the sandstone and graphite in the basement, confirming the geophysical interpretation. KI-07-01 intersected the unconformity shallower than expected, suggesting the presence of a reverse fault between KI-07-01 and the nearest drill hole to the east

2000s: Pitchstone

- Airborne magnetic survey verified regional, northeast-trending magnetic low indicative of pelitic metasedimentary rocks
- Moving loop ground EM survey outlined multiple conductors
- Drill holes FW07-01 and FW07-02
- FW07-01 intersected structurally disrupted sandstone and strongly altered basement directly below the unconformity
- Neither hole intersected conductor suggesting optimal targets remain untested