

### **CANADIAN CRITICAL MINERAL EXPLORATION**

MARCH 2024 INVESTOR PRESENTATION

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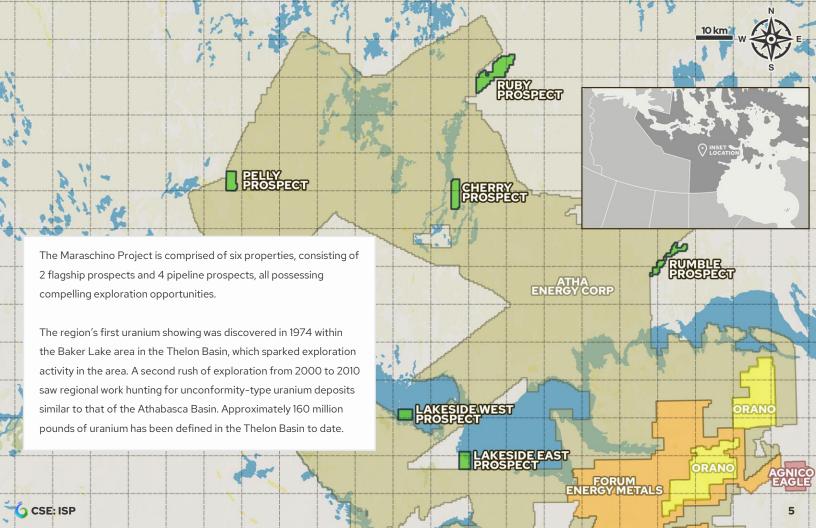
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# Pelly Prospect

The Pelly Prospect comprises 1,366 ha and is located on the Thelon Basin unconformity 145km WNW of Baker Lake. Historic work identified lake sediment geochemical anomalies and uranium showings on the property, with follow-up work identifying VLF basement conductors south of the uranium showings. Limited prospecting was completed following the results of a historic airborne survey, however, historic sampling returned a highlight of 369.1 ppm U. The property encompasses the PRMT2 exploration target.

The PRMT2 target lies 225 km from Baker Lake and is an extension of the Amer / McDonald fault system; a contact between the Rae Domain granites and the Thelon Formation of the Dubawnt Supergroup sediments. Clusters of high raw uranium counts (radiometric) are associated with the intersections of interpreted NW-SE and NE-SW structures. An ENE-trending fault contact between the locally outcropping granite and quartzites boulder conglomerate (Whart Gp, Thelon Fm) features boulders that are strongly radioactive altered, bleached and hematized.

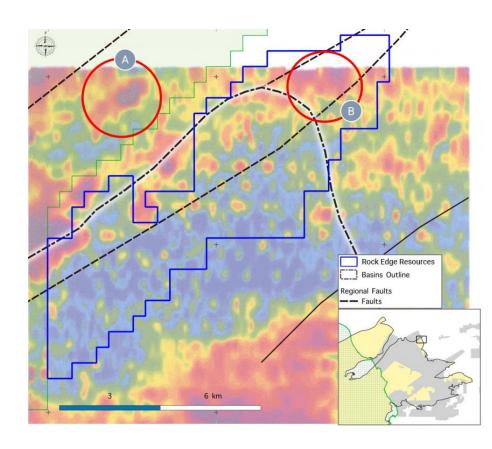


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# Ruby Prospect

The Ruby Prospect comprises 4,057 ha and is located 170km NW of Baker Lake. The prospect covers the northern edge of the Thelon Basin and is underlain by the Archean Amer group consisting of metapelites. A historic airborne magnetic survey identified a single unusual low resistivity response at the northern edge of the prospect. This response has a NE strike associated with Amer sediment cover but is a well-defined local response that could be alteration within the sediments.





### **Pipeline Prospects**

The 4 pipeline projects consist of the Lakeside West and East, the Cherry, and the

Rumble Prospects. All four have either radiometric anomalies, interpreted

basement faults or geologically mapped unconformity horizons. Property highlights

include:

#### **Lakeside West**

Intersecting faults

#### **Lakeside East**

- Possible reactivated fault
- Strategic position

#### Cherry

- Intersecting faults
- Surrounded by Atha Energy Corp.

#### **Rumble**

- Unconformity
- Intersecting faults

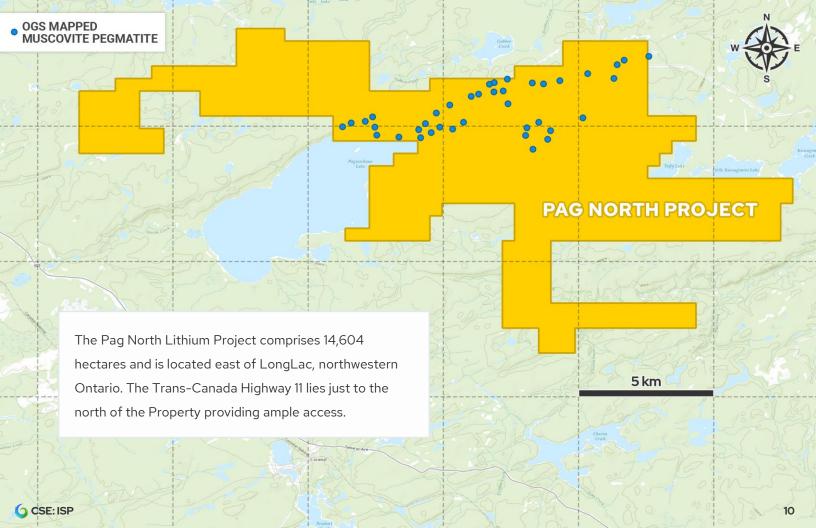


## PAG NORTH PROJECT

LITHIUM - ONTARIO, CANADA

ONTARIO

**PAG NORTH** 



# GT1 Seymour Lake Li-Project Georgia Lake Li-pegmatite field Uchi Terrane East Wabigaan Terrane rrane Terrane Quetico Terrane Mavis Li-pegmatite field Pag North Lithium Property 60 CSE: ISP

### Geology

Pag North is hosted within the Quetico Subprovince, the same subprovince that hosts the Georgia Lake Pegmatite field which to date contains over 38 rare-element occurrences and 10 spodumene pegmatite deposits (Breaks et al., 2003). These terrane boundaries are integrally related to the location of northwestern Ontario lithium deposits and occurrences, as they act as deepseated sutures for parental granitic melts. The Property host a S-type peraluminous muscovite granite (Pagwachaun pluton) in contact with metasediments. Metasediments make excellent exo-contact hosts for rareelement pegmatites. Several muscovite bearing pegmatites were mapped by the OGS in Map 26492 in 1983, hosted within the Pagwachaun pluton and within the metasediments. This is a promising sign that the S-type peraluminous granite has fractionated and deposited pegmatites within the exo-contact. Further to add to the merit of the Property is the Pagwachaun fault along the north shore of the Pagwachaun Lake providing structure and fracture systems for parental melts.

### 2023 Field Program

The 2023 field program at Pag North focused on mapping and sampling for rare-element pegmatite-hosted mineralization and gold potential. Prospecting uncovered several pegmatite dykes ranging in size from 0.5 to 15 m or more. Overburden stripping will need to be completed to determine actual widths. The pegmatites are typically white to yellowish in colour. Quartz and plagioclase graphic crystal intergrowth with subordinate muscovite (sometimes abundant), tourmaline, biotite and garnet are recognizable minerals in outcrop with possible beryl and a black mineral possibly identified as tantalite or columbite. These are favourable indicator minerals for possible fractionating rare-element pegmatites from a fertile parental melt. Analytical results will be needed to confirm rare-element levels

The following salient features gained from the boots-on-theground field program underpin the potential to host rare-element pegmatite-hosted mineralization: A total of 241 waypoints collected, with 54% of those being pegmatites.

A total of 144 samples were taken, with 72% of those comprising rock saw channel samples of pegmatites.

Of the pegmatite channel samples, 29% ranged between 0.5 to 1.0 m wide.

Pegmatite dyke geometry has been documented with widths between 10 cm and 30+ m wide traceable along strike up to 200 m in length.



### **Management & Directors**

## Charles Desjardins CEO, PRESIDENT & DIRECTOR

Mr. Desjardins brings more than 30 years of public company experience in the areas of finance and public company management. He is President and CEO of Tandem Capital Group Inc. which was active in the investor relations field during the mid 1980s. Mr. Desjardins was also past president of numerous public mineral exploration and technology companies which traded on the TSX Venture exchange.

### James H. Place DIRECTOR

Mr. Place is a professional geoscientist (registered in BC) with more than 30 years of experience in the aggregate, heavy construction, and engineering fields. He has worked on all phases of aggregate projects from exploration and permitting through to testing, development, marketing, production and reclamation throughout northern and coastal British Columbia.Mr. Place has held positions with government, engineering companies, and environmental consulting companies.

### Lorne McCarthy DIRECTOR

Mr. McCarthy has been involved in the Junior Resource Sector for the past 40 years and has served on a number of Public Companies as a Director or Advisory Capacity. He has also been a Realtor in the Vancouver / Lower Mainland for over 30 years and served on the Government Relations Committee for the Greater Vancouver Real Estate Board and made many good relationships with Members of Parliament with both the Provincial Government in British Columbia and the Federal Government in Ottawa.



## Capitalization

Fully Diluted	71,460,833
Warrants	25,747,416
Options	2,930,000
Shares Outstanding	42,783,417



### **Inspiration Energy Corp.**

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