

Lithium Exploration Recommendations for the QMETS James Bay Pontax Property

Introduction:

QMETS James Bay Pontax Property (the property), is a large land position in the underexplored area of Pontax Greenstone Belt, Kapiwak pluton, and Auclair Formation. The property consists of 101 mineral claims (table 1) and covers 5,376 hectares. The property is located in the Superior Province falling into the La Grande Geological Subprovince of the James Bay region of Quebec, Canada, and is a greenfield lithium pegmatite exploration project. The region, commonly referred to as the "Lithium Triangle," stands out because only a limited number of sources for lithium extraction are recognized through hard rock mining in North America.

Within this prominent zone, the property is strategically positioned in an exceptionally active and promising area for lithium exploration. The property is surrounded by other significant lithium plays including: the Patriot Battery Metals (PMET.V) Pontax project, the Brunswick Exploration (BRW.V), Stria Lithium (TSX.V:SRA) properties, and the Li-FT Power Ltd. (CSE: LIFT) large land package including the Moyenne Project. Located close to the Némiscau-La Grande boundary zone the property has similarities to the Allkem James Bay Lithium project ~40km to the north, with a published Mineral Resource Estimate of 40.3Mt at 1.4% Li₂O and Ore Reserve of 37.2Mt at 1.3% Li₂O. Notable transactions in the region include the Q2 Metals Mia property for \$500,000 cash, 13 million common shares, and \$1 million in work expenditures.

Project Goal:

The primary objective of the project is to create a lithium deposit exceeding 7 million metric tons (Mt) with a lithium oxide (Li₂O) content of at least 1 wt. %. In addition to lithium exploration, there will also be a focus on investigating other rare earth elements due to their significance in the Canadian Critical Minerals Strategy, broad economic value, and their associated formation with lithium in fertile LCT pegmatites.

The Exploration Plan:

It is recommended to conduct a complete compilation of all available information, reports and historic data before field work commences. The area of the property is highly underexplored with minimal surface studies conducted but some regional studies have been completed. Once all the data has been compiled, initial targets can be generated and should be examined in the field through geological mapping and geochemical sampling programs. To effectively identify directional geochemical indicators towards LCT pegmatites, detailed mineralogical analyses and geochemical sampling of rocks, soils, and till samples are essential. Analyzing mineralogical phases, studying deportment and liberation characteristics, as well as examining geochemical metallogenic markers such as K/Rb, Nb/Ta, and Zr/Hf ratios, can help identify highly evolved

rocks that contain enriched incompatible elements (such as lithium, caesium, and tantalum) of significant economic value.

The majority of the property is covered by a shallow glacial layer and dense vegetation, which extends across most of the surrounding region. Modern geophysical techniques, such as magnetics and LiDAR, and geochemical till sampling can effectively penetrate these surface barriers. An extensive surface exploration program encompassing mapping, prospecting, and till sampling should be conducted (see map on page 8 for an example). Additionally, a comprehensive Base of Till (BoT) and top of bedrock sampling program should be implemented to further generate targets and check for pegmatites under the till overburden. These advanced methods enable the identification and targeting of pegmatites beneath the glacial cover and vegetation by creating areas that exhibit high to moderate to weak lithium (Li) and pathfinder element anomalies.

Once these anomalies are generated and field checked with all other compiled data a diamond drill program should commence checking the mineralization at depth.

Conclusion:

The QMETS Quebec James Bay Pontax lithium property is in line with the expressed goals of the Canadian and U.S. governments, both of which are actively promoting the expansion of a North American lithium sector. In particular, there is a drive to advance green energy and facilitate the mandated transition to electric vehicles. This creates an exceptional opportunity for the industry and its investors, offering the potential for substantial long-term equity growth extending well into the next decade and beyond.

Most lithium deposits are found sitting distally within a 10km radius from the fertile parent felsic intrusion. When multiple phases of intrusion occur, fractionated pegmatites can intrude into the older granitic hosts. This property presents the potential for hosting LCT pegmatites and a lithium deposit due to its vicinity to both potential fertile parent peraluminous granite bodies, as well as being close to other known lithium deposits in the region. These granitic bodies and host lithologies are underexplored and need to be ground truthed for pegmatites and associated zones of increased magmatic fractionation.

It is recommended to conduct a compilation of data and then proceed to reconnaissance and field exploration for this prospective property. Once a fertile granite pluton/pegmatite has been identified, it will be crucial to determine the direction in which it is fractionating. This can be done through additional fieldwork, systematic sampling, and drilling programs. A comprehensive approach will facilitate the cost-efficient development of the property's mineral potential and enable the accurate definition of the potential lithium deposit.

Table 1: Claims Title Numbers for QMETS James Bay Pontax Property

OBJECTID	CLAIM TITLE NUMBER	CLAIM TITLE NUMBER
1	CDC 2747255	51 CDC 2759094
2	CDC 2747256	52 CDC 2759095
3	CDC 2747257	53 CDC 2759096
4	CDC 2747258	54 CDC 2759097
5	CDC 2747260	55 CDC 2759098
6	CDC 2747261	56 CDC 2759099
7	CDC 2755197	57 CDC 2759100
8	CDC 2755198	58 CDC 2759101
9	CDC 2755199	59 CDC 2759102
10	CDC 2755200	60 CDC 2759103
11	CDC 2755201	61 CDC 2759104
12	CDC 2755202	62 CDC 2759105
13	CDC 2755203	63 CDC 2759106
14	CDC 2755204	64 CDC 2759107
15	CDC 2755205	65 CDC 2759108
16	CDC 2755206	66 CDC 2759109
17	CDC 2755207	67 CDC 2759110
18	CDC 2751651	68 CDC 2759111
19	CDC 2751659	69 CDC 2759112
20	CDC 2751660	70 CDC 2759113
21	CDC 2751661	71 CDC 2759114
22	CDC 2751662	72 CDC 2759115
23	CDC 2759066	73 CDC 2759116
24	CDC 2759067	74 CDC 2759117
25	CDC 2759068	75 CDC 2759118
26	CDC 2759069	76 CDC 2759119
27	CDC 2759070	77 CDC 2759120
28	CDC 2759071	78 CDC 2736705
29	CDC 2759072	79 CDC 2736706
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31	CDC 2759074	81 CDC 2736708
32	CDC 2759075	82 CDC 2744210
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36	CDC 2759079	86 CDC 2748658
37	CDC 2759080	87 CDC 2748659
38	CDC 2759081	88 CDC 2748660
39	CDC 2759082	89 CDC 2748661
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41	CDC 2759084	91 CDC 2745499
42	CDC 2759085	92 CDC 2745500
43	CDC 2759086	93 CDC 2745501
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46	CDC 2759089	96 CDC 2745504
47	CDC 2759090	97 CDC 2745506
48	CDC 2759091	98 CDC 2745511
49	CDC 2759092	99 CDC 2745512
50	CDC 2759093	100 CDC 2745513
		101 CDC 2745514









