S S L S T I C E G O L D

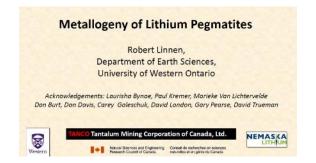
SLP Lithium Project May 2023

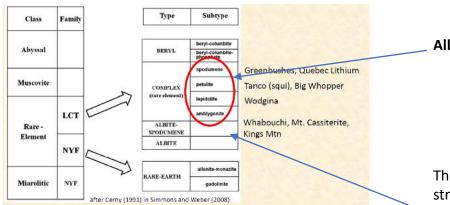


- 1. The Model Ontario compared to other areas differences
- 2. NW Ontario Li pegmatites where to look (and where you can't)
- 3. SLP rationale
- 4. SLP budget and work plan

Model



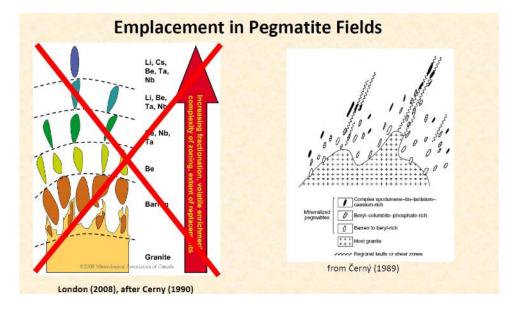




All current NW Ontario examples are this type

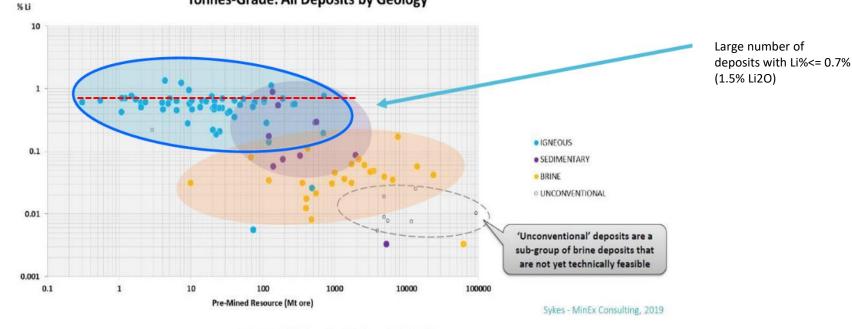
This type has different setting, strong structural control in shear zones in maficultramafic hosts, shallow dips **No obvious parental magma** – unknown in NW Ontario but present in QC implies they should be present in ON

TWO end-member types



Linnen ppt slide - the model of concentrically zones pegmatites does not hold, requires structures.

Tonnes-Grade: All Deposits by Geology



The LCT pegmatites have a grade 'maximum' – this probably implies some genetic link to source partial melting. From an exploration point of view, since the product is a concentrate – and grade is fairly predictable, distance to infrastructure is a key consideration.

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Note %Li x 2.153 = %Li<sub>2</sub>O
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Practical Considerations for Exploration of LCTs in ON

 Related to 'fertile' peraluminous granites – 'fertile' granites have geochemical traits (requires while rock databases, which are often lacking. They also have mineralogical traits including <u>garnet</u>, <u>muscovite</u> and a board range of accessory minerals including <u>beryl</u>, tourmaline, fluorite, uranium etc. etc.). From and exploration point of view in Ontario, outside the main deposits, mineral occurrences are the most likely, positive indicator of fertility.

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- 2. LCT pegmatites form fields, most are within 10km of peraluminous granites. From an exploration point of view, small land positions in potential areas will increase risk of failure.
- 3. Worldwide, most deposits are in **amphibolite** terrains
- 4. Mapping coverage is variable in NW Ontario. Counter-intuitively, older and sparsely mapped regions may hold high potential for discovery <u>if</u> confirmation of a prospective setting can be confirmed. Simply staking the haloes of peraluminous granites is high risk.
- 5. The target is volumetrically small, non-conductive and not magnetic or weakly magnetic. Magnetic surveys might help in terms of general setting but do not help directly. Existing OGS airborne survey at SLP is thus a plus.

Practical Considerations for Exploration of LCTs in ON

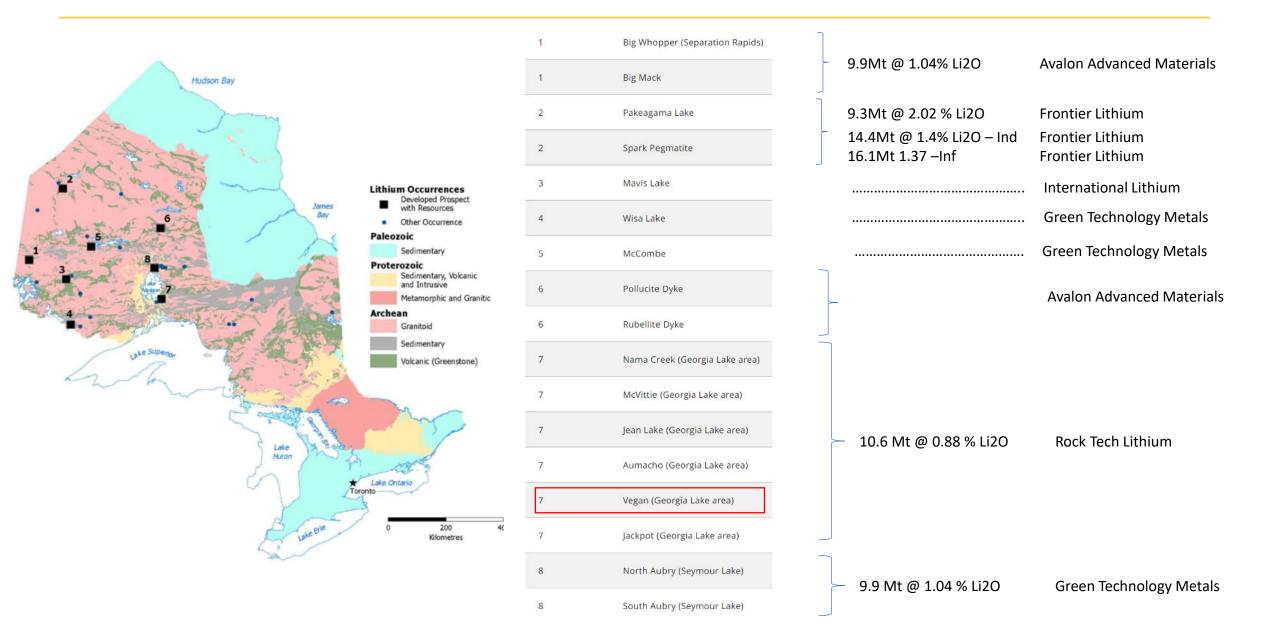
- 6. Mapping and mineralogy are key this requires reasonable outcrop.
- 7. Mineralogy is complex and requires expert input, this section and SEM analysis of prospective minerals. New technology can map Li (and other light elements) in place (LIBS).
- 8. Exposing surface pegmatites provides essential information in the early stages. Sample size is key, too small for coarse grain size will increase failure risk.

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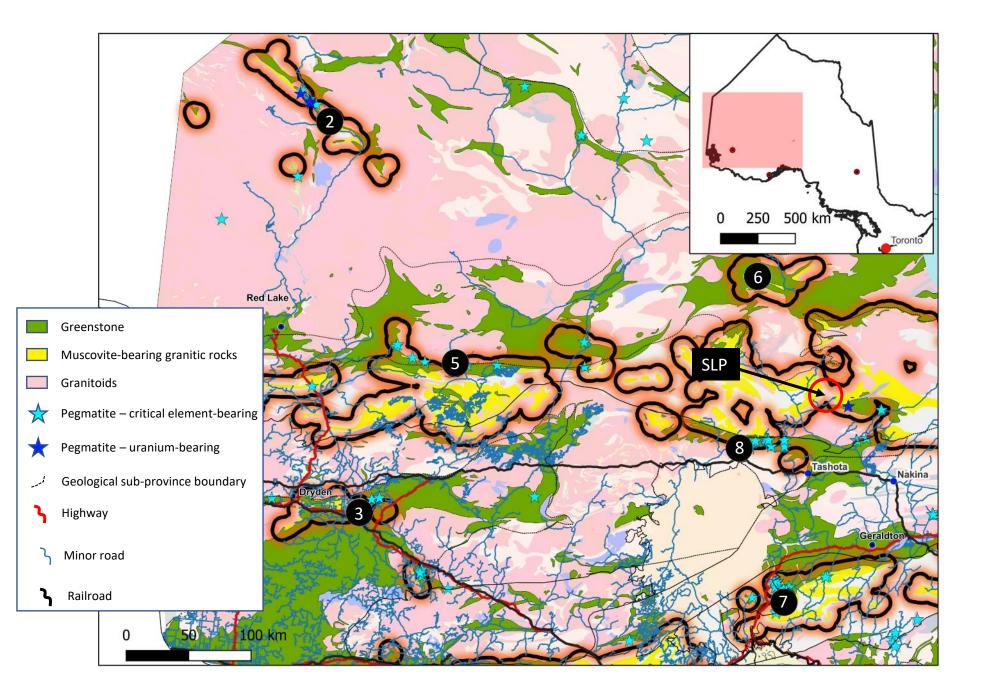
- 9. Soils work (4-acid) but aren't cheap. Biogeochem might work not much data. Li deposits may have haloes and wall rock Geochem is important.
- 10. A property is prospective if its in the right setting, with documented fertile minerals, close enough to infrastructure. Documented **fertile pegmatites are a plus especially if these attain decent widths.**

All major deposits currently confined to NW Ontario



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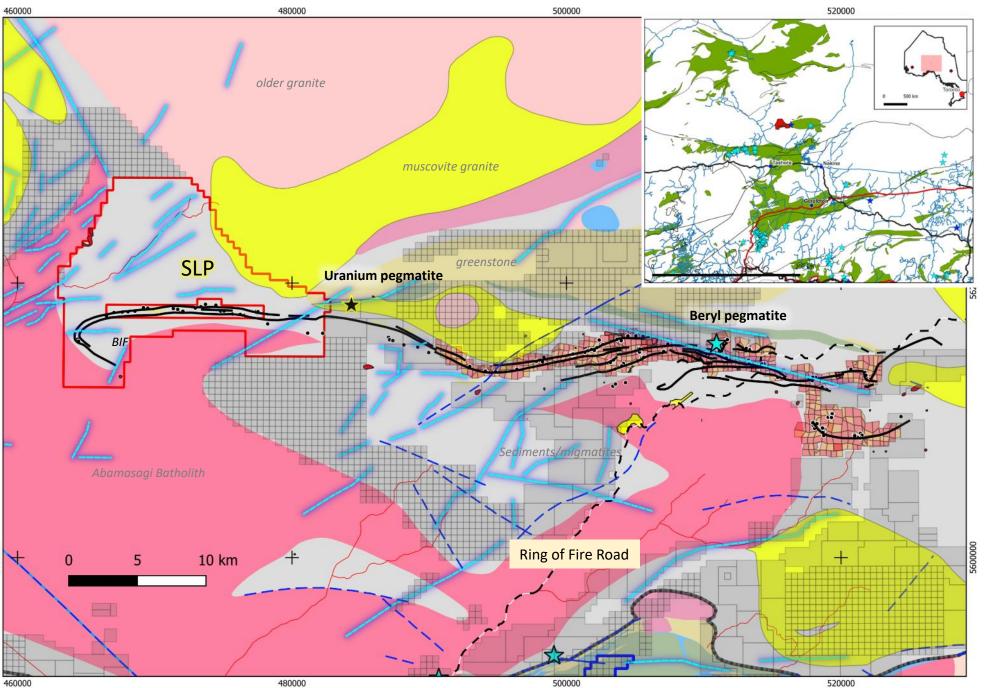


A 7.5km buffer around msbearing intrusive rocks encompasses all but one of the occurrences and all showings.

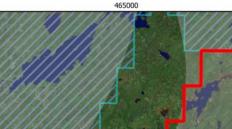
Note main current infrastructure. The planned Ring of For Road will run north from Nakina close to the SLP

S S L S T I C E G O L D

Stewart Lake Property



- 174 km² property
- Staked prior to staking rush ~900 km² staked in the region
- OGS recommended area for exploration Jan 26, 2023 based on beryl occurrence in pegmatite
- Approximately 164 drill holes 1958-1961 exploring for iron along regional iron formation. High percentage of holes intercept fertile pegmatites over entire strike length



- Widespread pegmatites, 146 known mostly from 1950-60 drilling of FeFm but also close to lakes mapped by OGS.
- Most of property not explored <u>has high</u> <u>potential</u> for additional pegmatites

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- Known pegmatites up to 28m core length
- Represents rare district-scale opportunity

- Widespread fertile pegmatites
- Multiple pegmatites in most holes
- Apparent thicknesses up to 28m
- Not assayed for rare metals

LEGEND

28.35Max pegmatite core length (m)17Number of logged pegmatites

Garnet and Muscovite noted in pegmatites

Garnet only noted in pegmatites

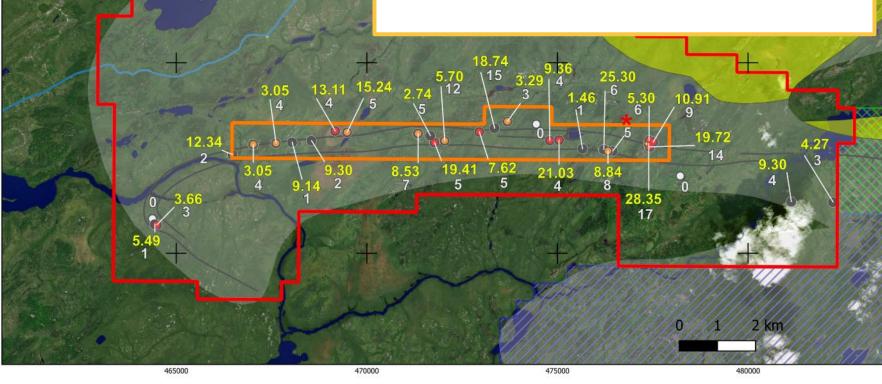
Muscovite only noted in pegmatites

Pegmatite noted in drill logs No specific minerals noted

No pegmatite noted in drill logs

Solstice 100% staked claims (175 km²)

Solstice option to earn 100% (16.3 km²)



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Example Drill Log S-5 1958

ROBERTY	Pauther Mining Company	SULMAC EXPLORATION SERVICES LIMITED					5-4-1	り ^ー Shee	T NO.
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	65.0 - 66.0	1687	4.1	27.63		- L			
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	Do,	1693	8.0	34.54					
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	Pink		4						1.54
157.8	Iron Form. F. Gr.	1694	2.3	38.41					
	Granite/Feg. C.Gr. pick		1		1				1
	occ. specs of Magnetite			<u> </u>	1				
180.(Iron Form F.Gr.	1695	6.5	33.46	1				
191.5			10.5	33.46	5.2				1
			1		17				

Example drill log showing multiple pegmatite intercepts

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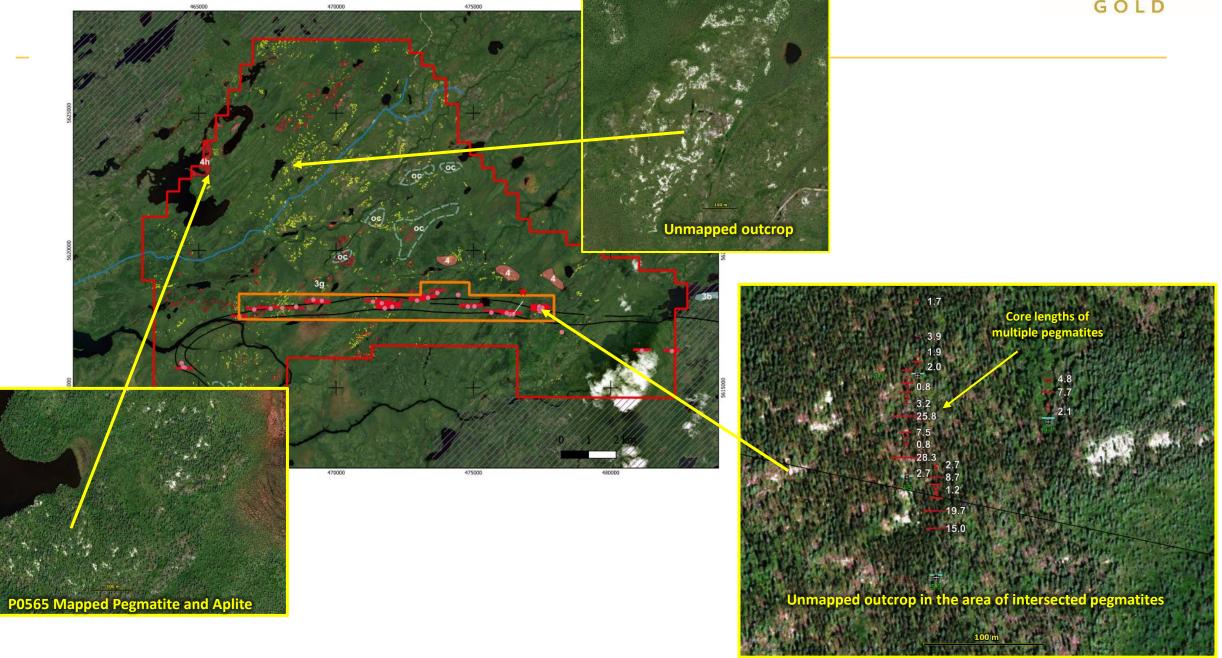
 Log shows assays for iron in iron formation no samples of pegmatites for assay

Of 3,731m drilled on the SLP claims below overburden <u>18.4% of all rock units were</u> <u>pegmatite</u>

- Since drilling focused on a small part of the area, the likelihood of additional pegmatites on the SLP claims is very high.
- Pegmatites expected to form regional swarms.

Source: MNDM Ontario Drillhole Database Description (ODHD)

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SLP – Summary



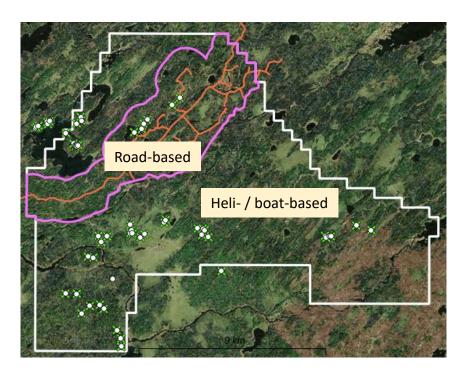
- Situated in metamorphosed seds of the right metamorphic grade along with possible greenstone within margin of muscovite-bearing rocks
- O Contains numerous pegmatites and apparent widths up to 28m
- Pegmatites are 'fertile' compositions (tourmaline, fluorite, beryl, uranium noted to the east Anaconda logs)
- Sparsely mapped (P0565) but pegmatite/aplite noted.
- Significant outcrop including in area of the known pegmatites largely unmapped
- Very high parentage of drilled rock in the iron formations are pegmatites (18.4%) potential for ground ID and discovery of new pegmatites is good.
- Area recommended for exploration in 2023 by the OGS for Quetico-like occurrences area now staked up after Solstice acquired SLP.
- Amenable to modern exploration, decent access to infrastructure (CN railroad and planned Ring of Fire road).
- While obviously Lithium and other elements have yet to be documented, this property possesses many of the prospective features of the NW Ontario model with known, potentially thick, fertile pegmatites within a commanding land position that lies at the core of the English River Subprovince newly staked region.

SLP – Budget and Work Plan

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Budget & Timeline

- ~ \$400K Program
- Contracts lined up, no permits required
- ~ 1 month lead time



Summer Prospecting Plan

- Extensive desktop work (can ID pegmatites from air photos)
- 4 teams: Prospecting (LIBS and scintillometer), Stripping, Channel Sampling
- Majority is road-based
- Extra reconnaissance: helicopter- and boat-based recon on highest-density pegmatites
- LIBS and scintillometer data instantaneous
 - Will be used to adjust plan on the fly
 - Can pinpoint need for further airborne geophysics

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