North Arrow
MINERALS INC.

DeStaffany
LITHIUM PROJECT
Northwest Territories, Canada

March 2023

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MINERALS INC.

FORWARD-LOOKING INFORMATION

This presentation contains projections and forward-looking information that involve various risks and uncertainties, including, without limitation, statements regarding the potential extent of mineralization, resources, reserves, exploration results and plans and objectives of North Arrow Minerals Inc. These risks and uncertainties include, but are not restricted to, the amount of geological data available, the uncertain reliability of drilling results and geophysical and geological data and the interpretation thereof and the need for adequate financing for future exploration and development efforts. There can be no assurance that such statements will prove to be accurate. Actual results and future events could differ materially from those anticipated in such statements. These and all subsequent written and oral forward-looking statements are based on the estimates and opinions of management on the dates they are made and are expressly qualified in their entirety by this notice. The Company assumes no obligation to update forward looking statements should circumstances or management's estimates or opinions change.

QUALIFIED PERSON UNDER NI 43-101

Disclosure of a scientific or technical nature related to North Arrow's projects in this presentation has been reviewed and approved by Ken Armstrong, P.Geo. President and CEO of North Arrow and a Qualified Person under NI 43-101.

DESTAFFANY LITHIUM PROJECT

DeStaffany *(100%)*
Spodumene lithium pegmatite project

DESTAFFANY LITHIUM PROJECT

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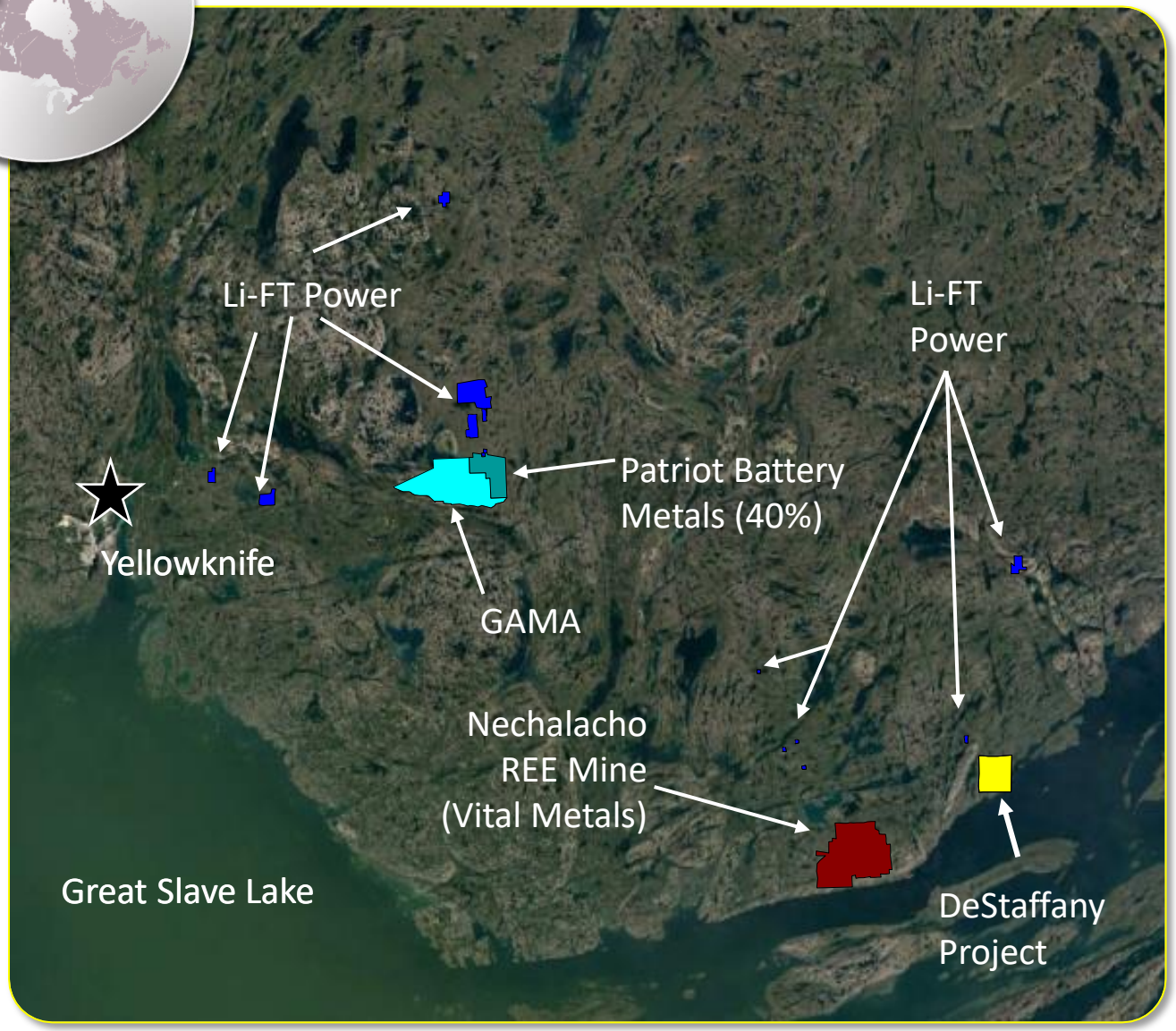
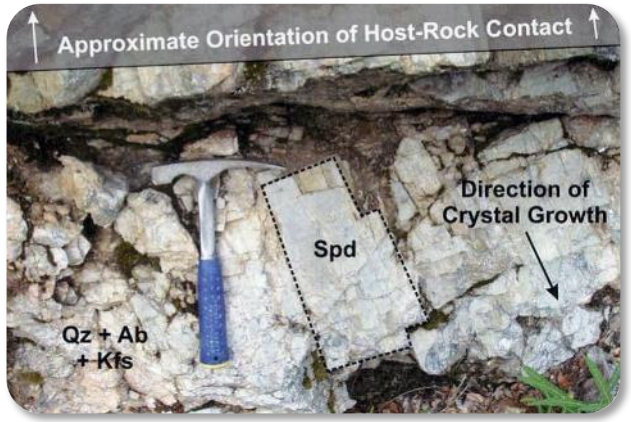
- 115 km East of Yellowknife
- 18 km Northeast of Nechalacho REE Mine
- Air/barge access to Yellowknife and to rail head at Hay River on south side of Great Slave Lake
- 100% interest (acquired for cost of staking + NSR)
- Part of strategic relationship with Panarc Resources to identify additional spodumene targets in NWT and NU





DESTAFFANY PROJECT - Spodumene Pegmatites

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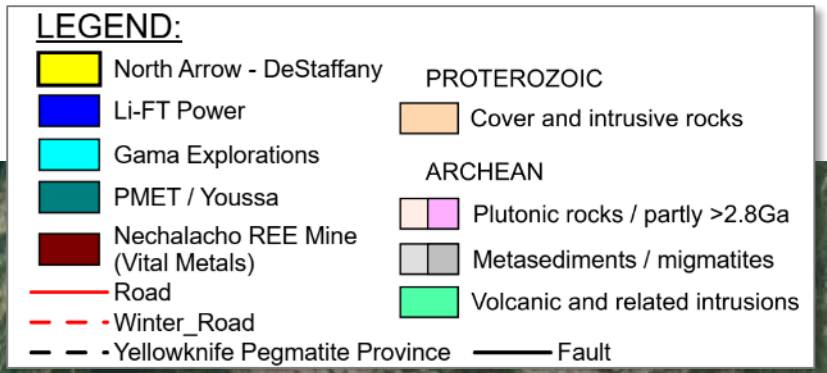
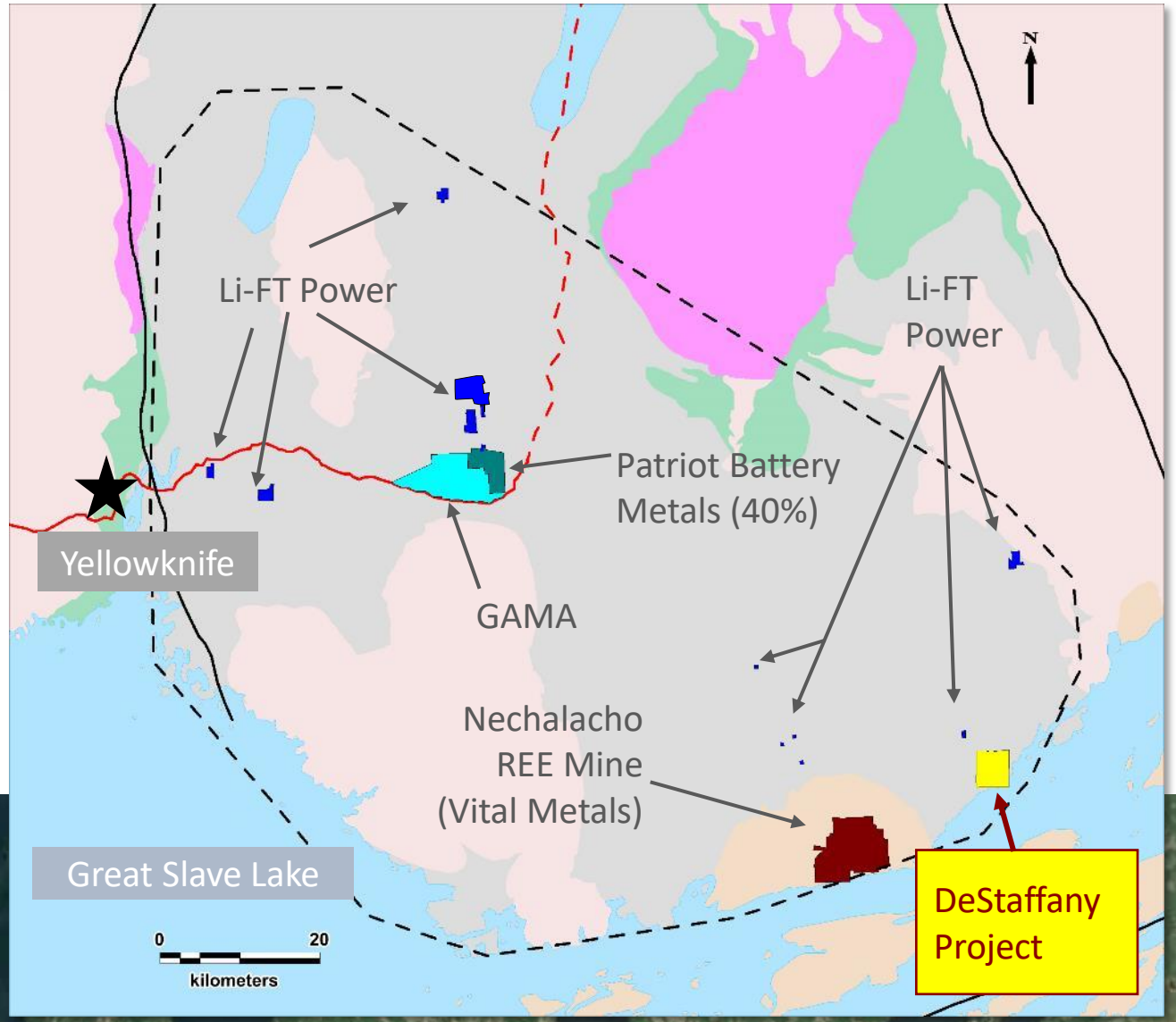
- Yellowknife Pegmatite Province
- Same setting as Li-FT Power's Yellowknife Lithium Project
- Other players in area include Patriot Battery Metals and Gama Explorations
- NAR team has past Li, Ta and REE experience in the region
- DeStaffany hosts two spodumene pegmatites …and there could be more





DESTAFFANY LITHIUM PROJECT

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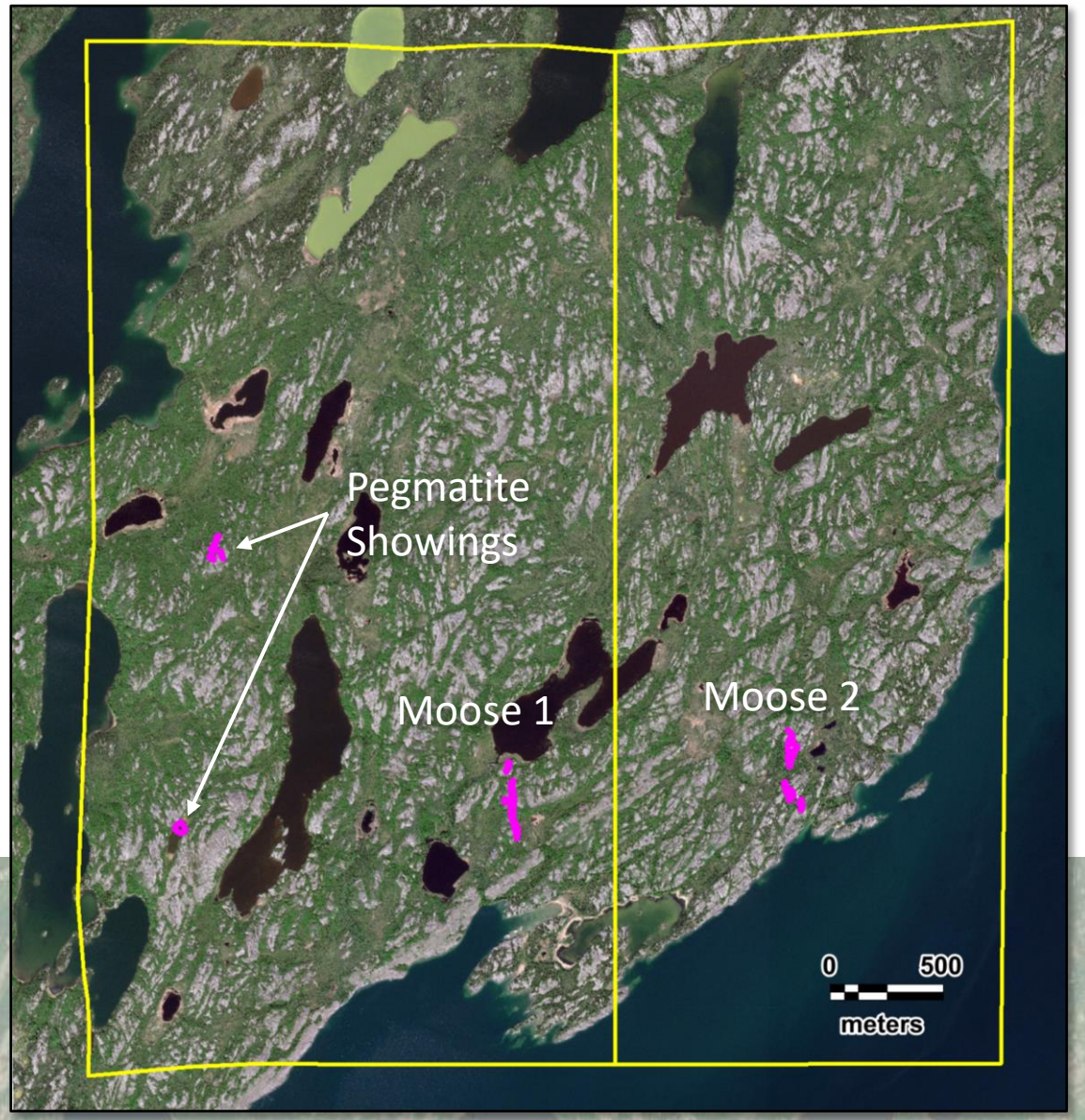
- Two known spodumene pegmatites: Moose 1 and Moose 2
- Within several hundred metres of Great Slave Lake.
- Moose 2 was test mined for Ta, Nb, Sn in the 1940's & 50's
- **Never evaluated for lithium**
- Excellent potential for additional lithium pegmatites, including two pegmatites noted in historical records.



MOOSE 2 PEGMATITE – up to 40% Spodumene

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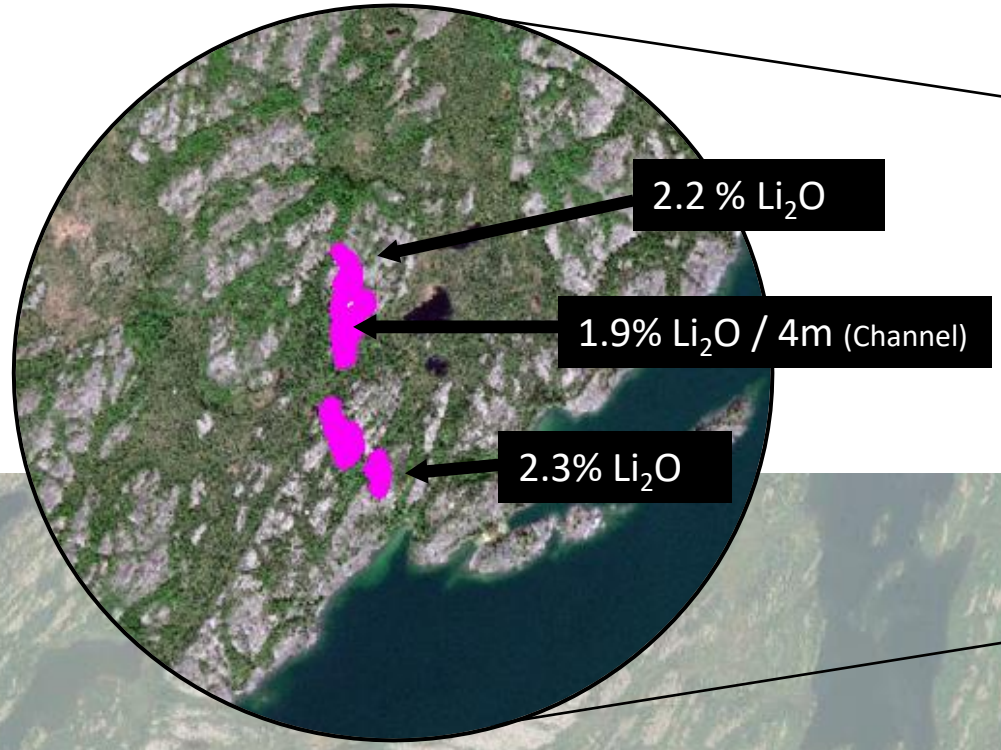
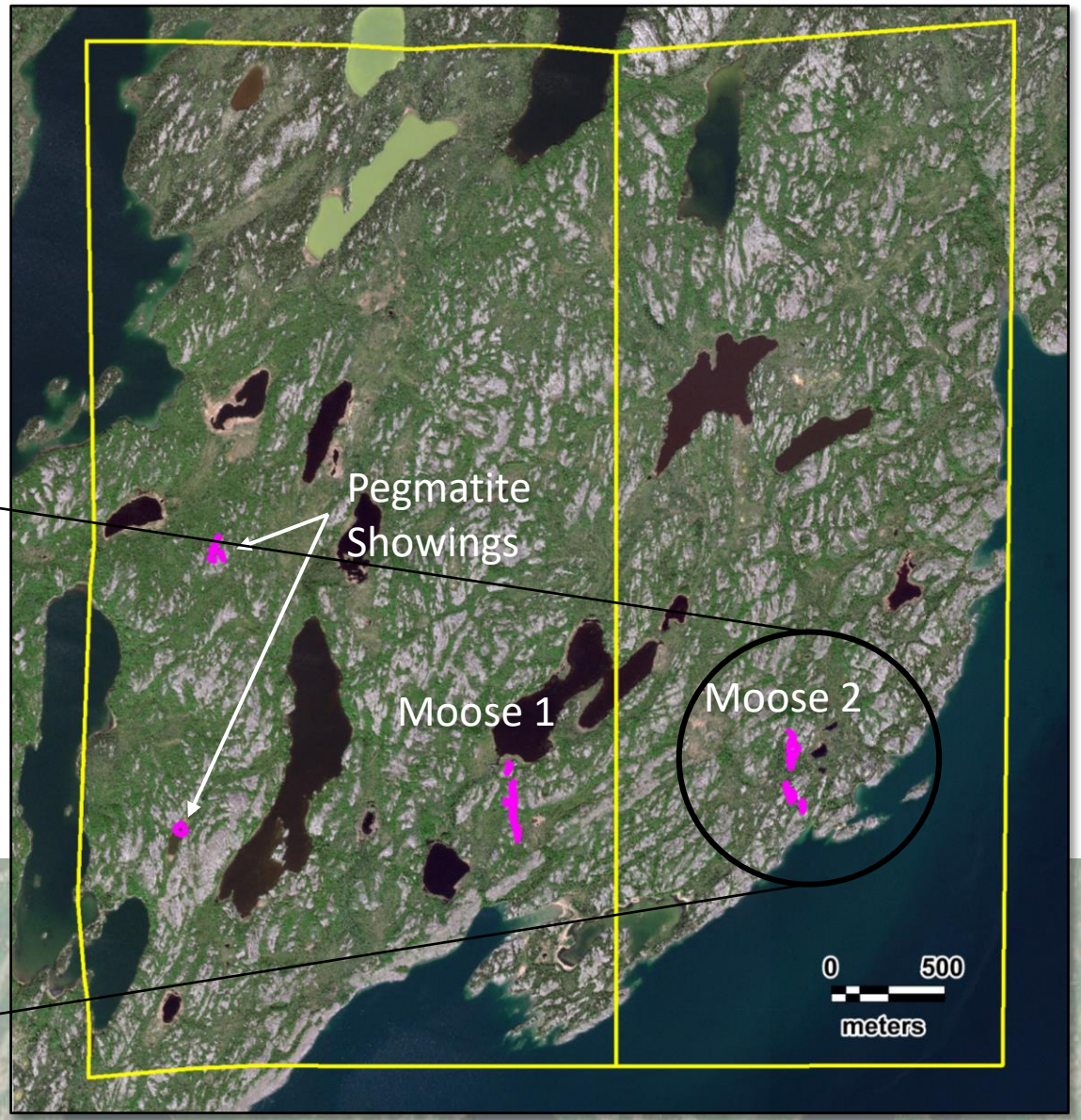
- 450m strike length; up to >30m wide
- Zoned LCT type pegmatite
- Feldspar + quartz + spodumene + muscovite
- **Locally up to 40% spodumene**
- Local Amblygonite (Li phosphate) zones (up to 8.4% Li_2O; 38.2% P_2O_5) could provide Li upside.





MOOSE 2 PEGMATITE – Historic Mining

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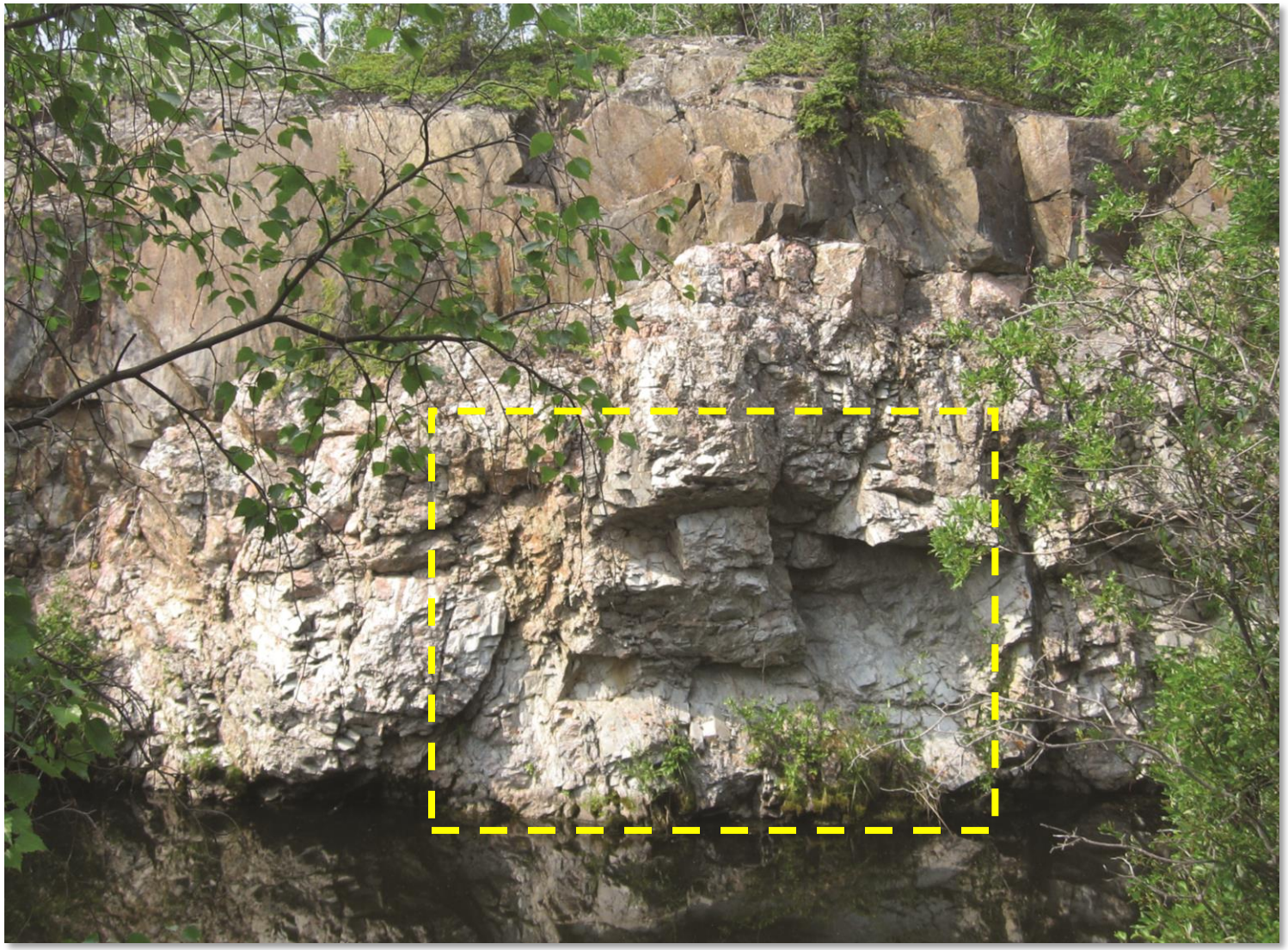
- Historic mining focused on recovering Ta and Nb
- Megacrystic (up to 1m) spodumene in pit wall
- Spodumene not targeted by past mining
- Pegmatite dips 50-80 degrees to the west (away from view on right)

DeStaffany Mill abutments - Great Slave Lake in background



Megacrystic spodumene in pit wall (Approximate wall height: 8m)

MOOSE 2 PEGMATITE – Spodumene Megacrysts

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- Historic mining focused on recovering Ta and Nb
- Megacrystic (up to 1m) spodumene in pit wall
- Spodumene not targeted by past mining
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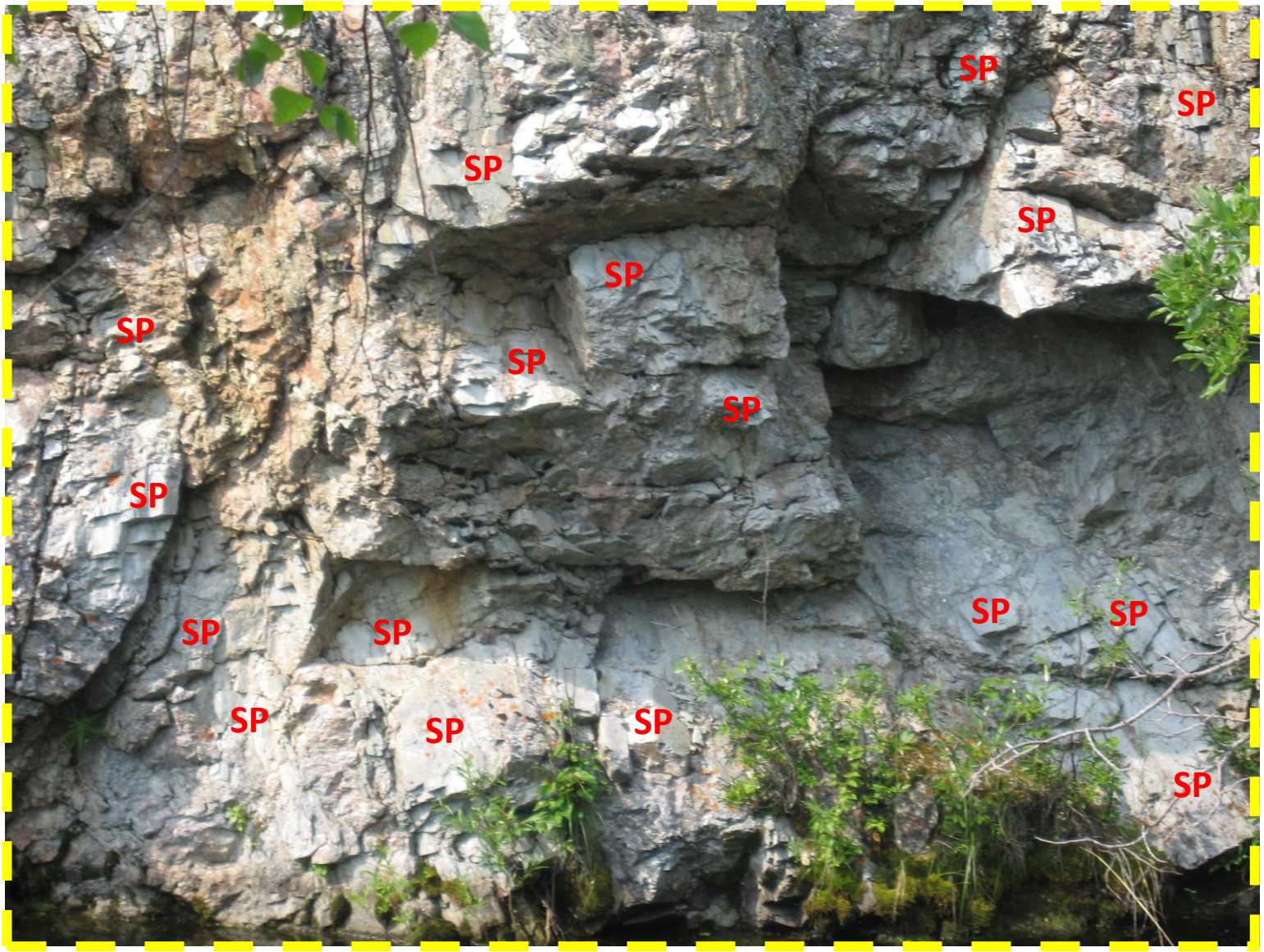

SP = SPODUMENE (Field of view height ~4m)

MOOSE 1 PEGMATITE

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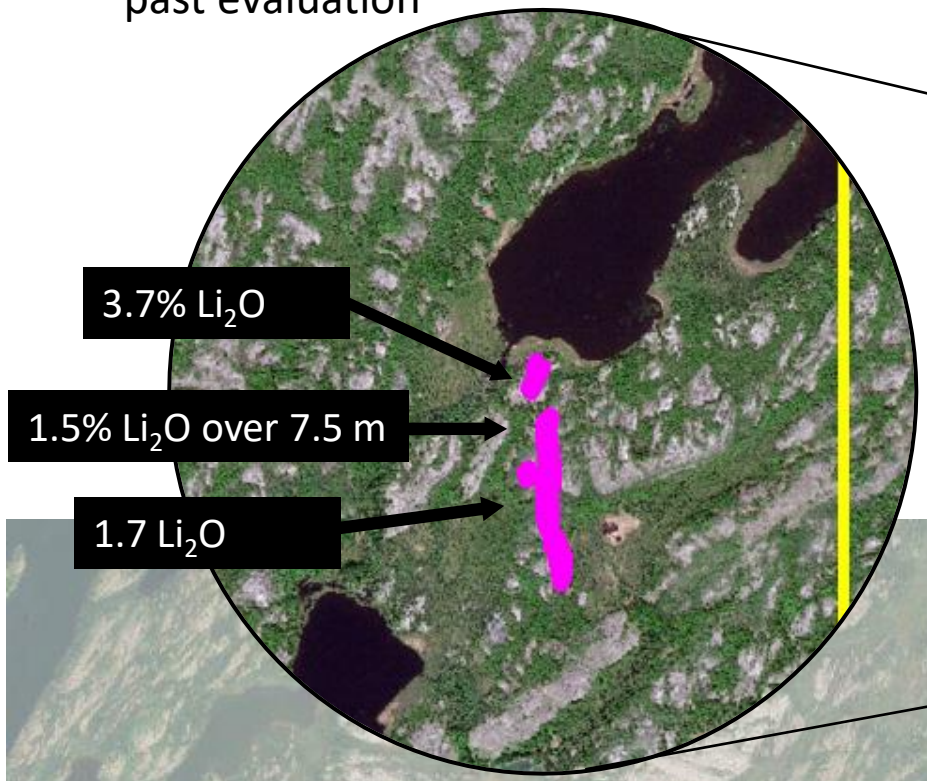
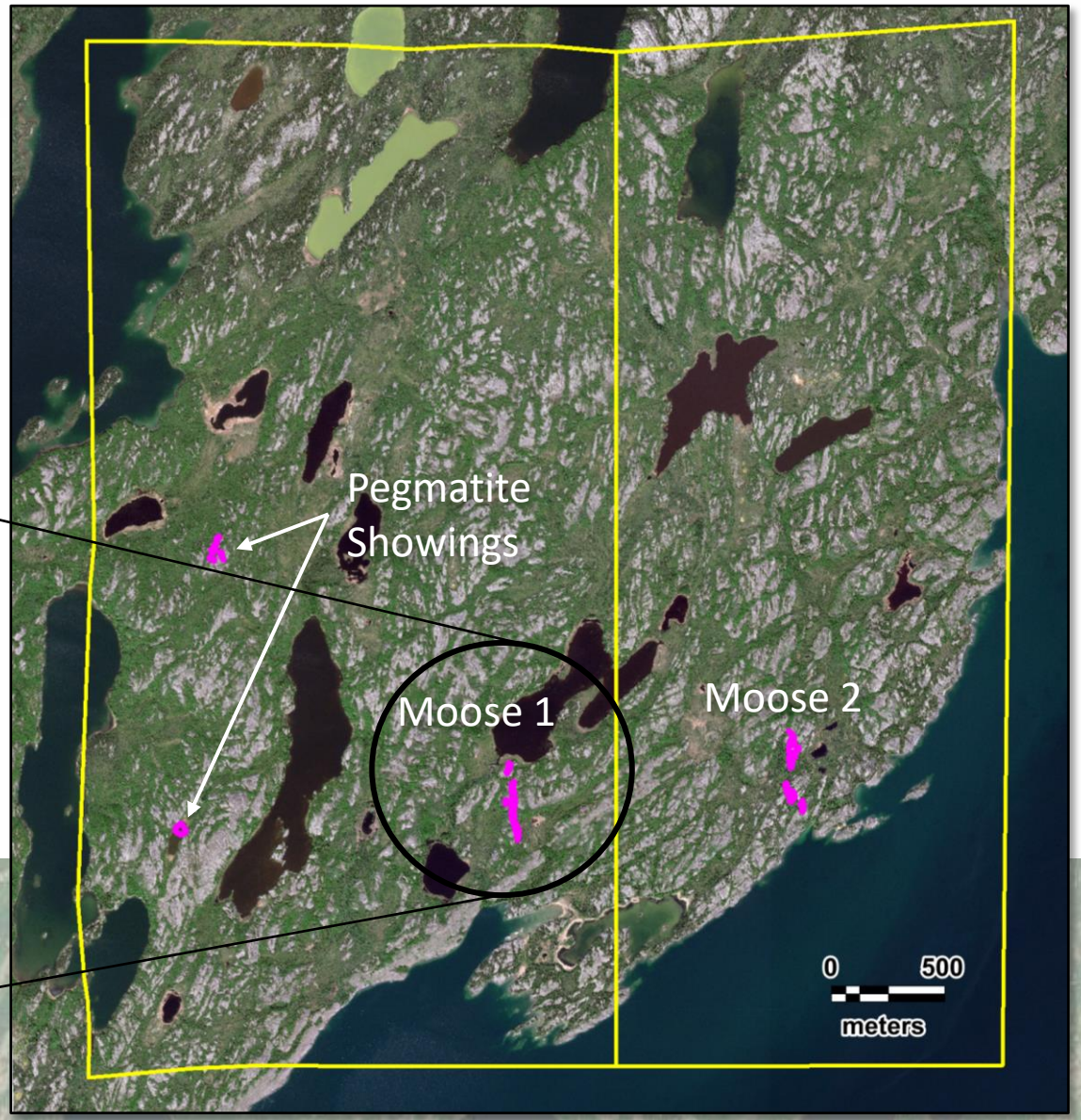
- Never drilled
- 370m strike length
- Averages 4.5 to 6m in width; max width ~11m
- Zoned LCT Type Pegmatite
- Lack of Ta-Nb mineralization therefore little past evaluation





MOOSE 1 PEGMATITE – Spodumene Mineralization

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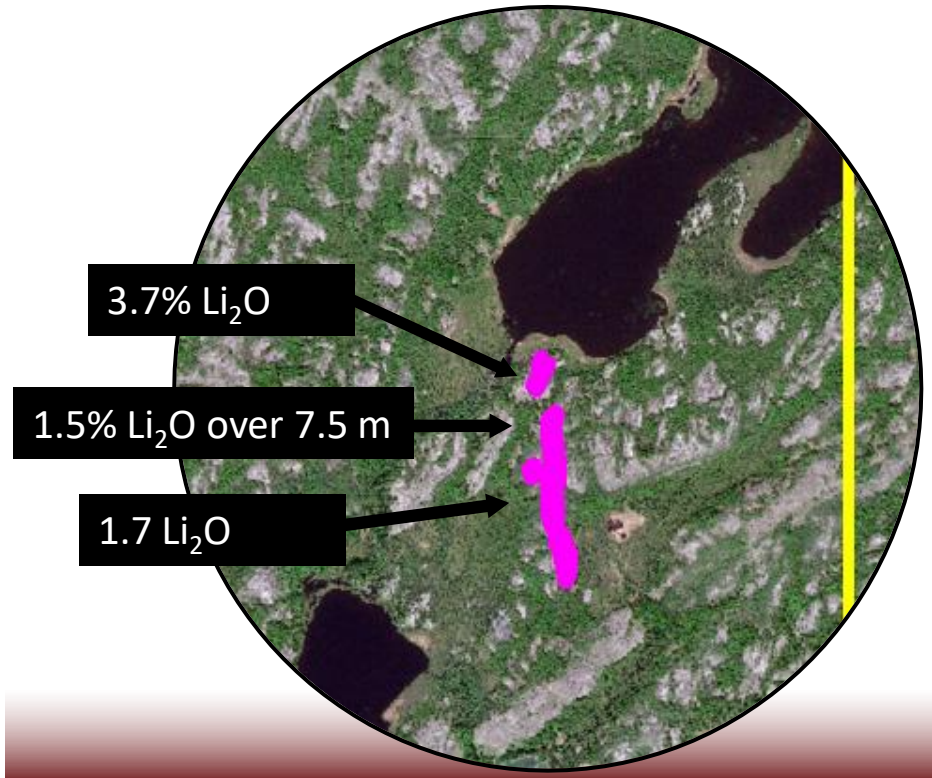
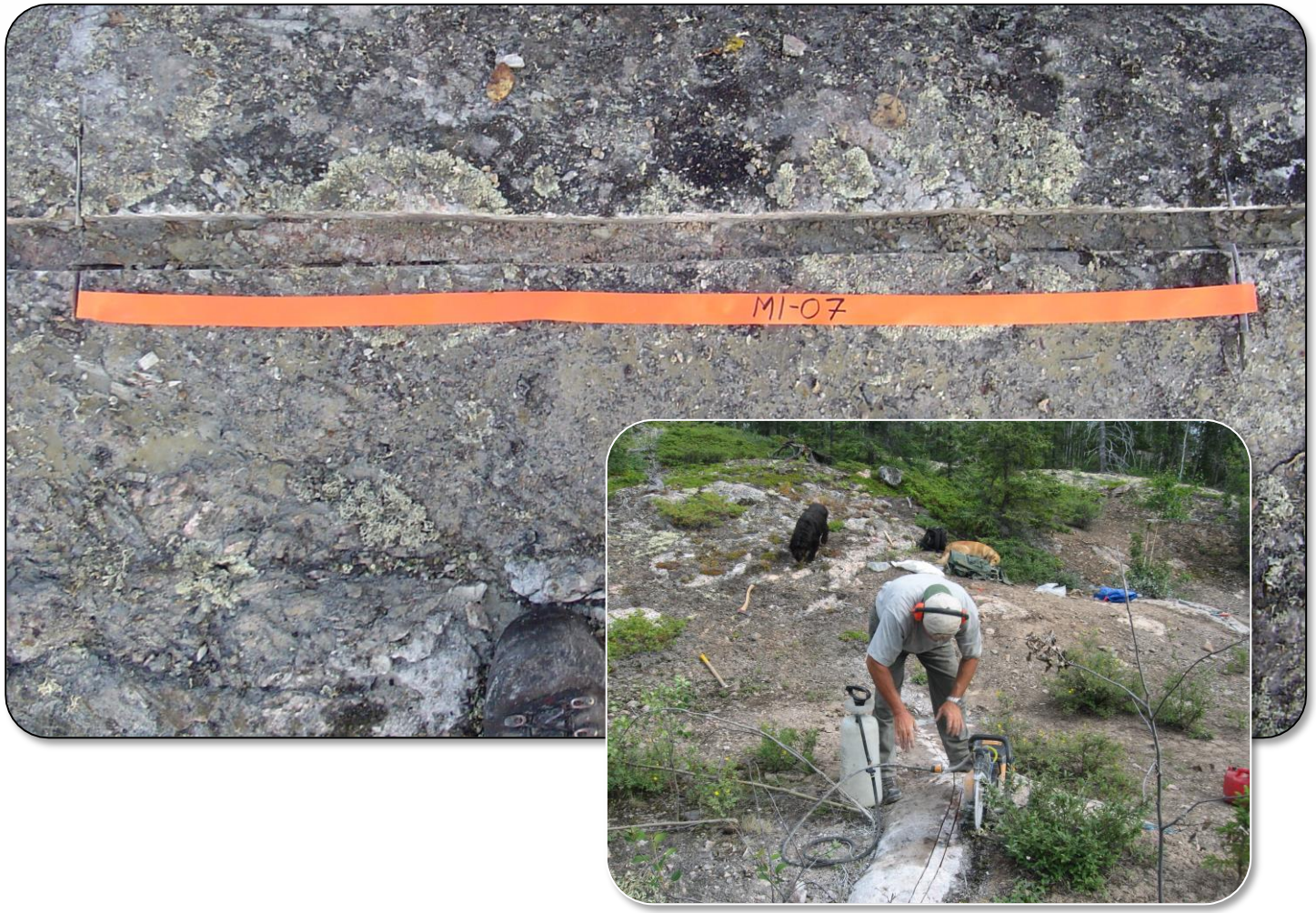
- Spodumene with lesser amblygonite
- Amenable to channel sampling
- **1.5% Li_2O / 7.5m** from 2009 channel sample
  Including M1-07: **2.8% Li_2O / 1m**





DESTAFFANY PROJECT – Prospecting Targets

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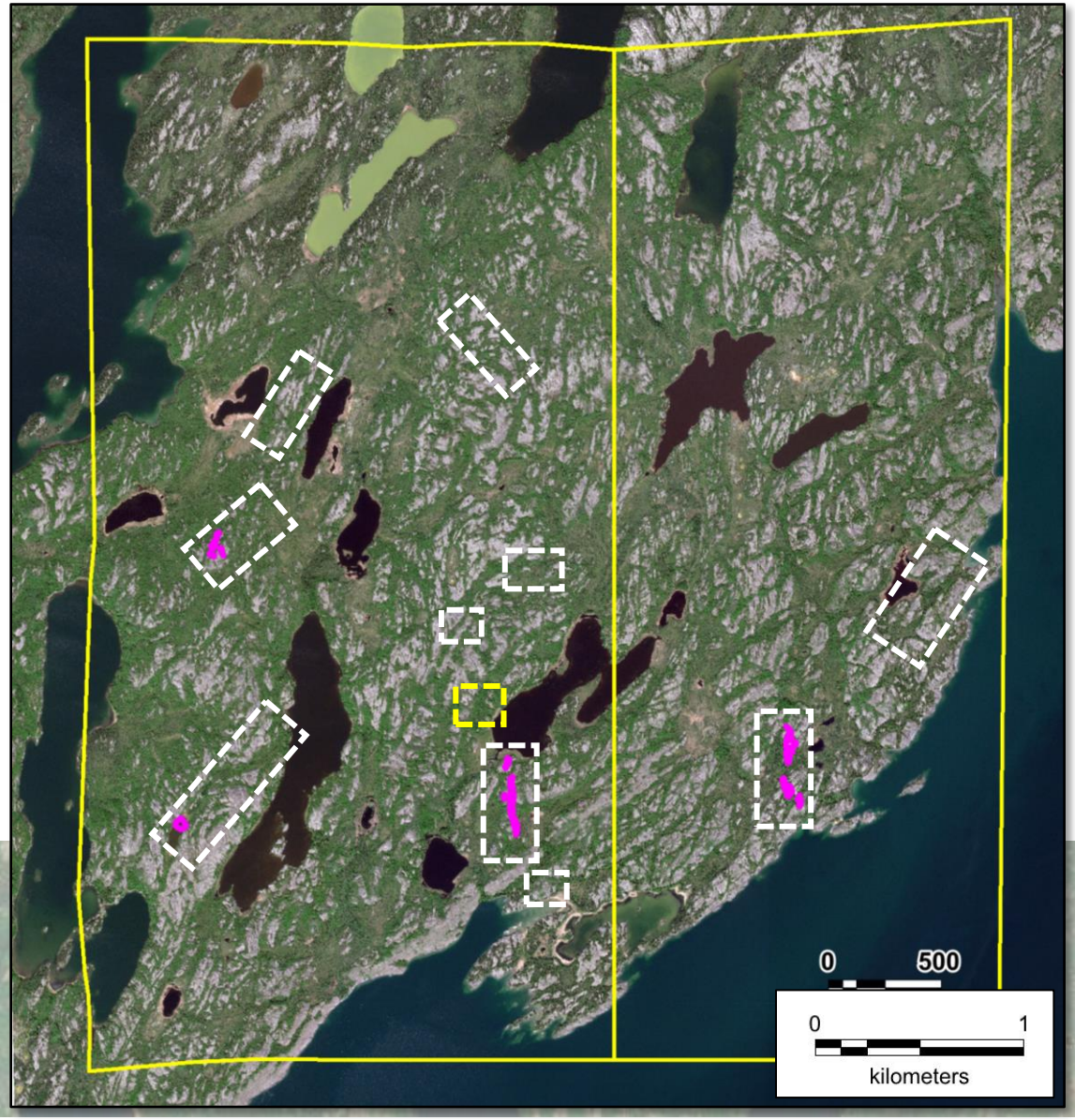
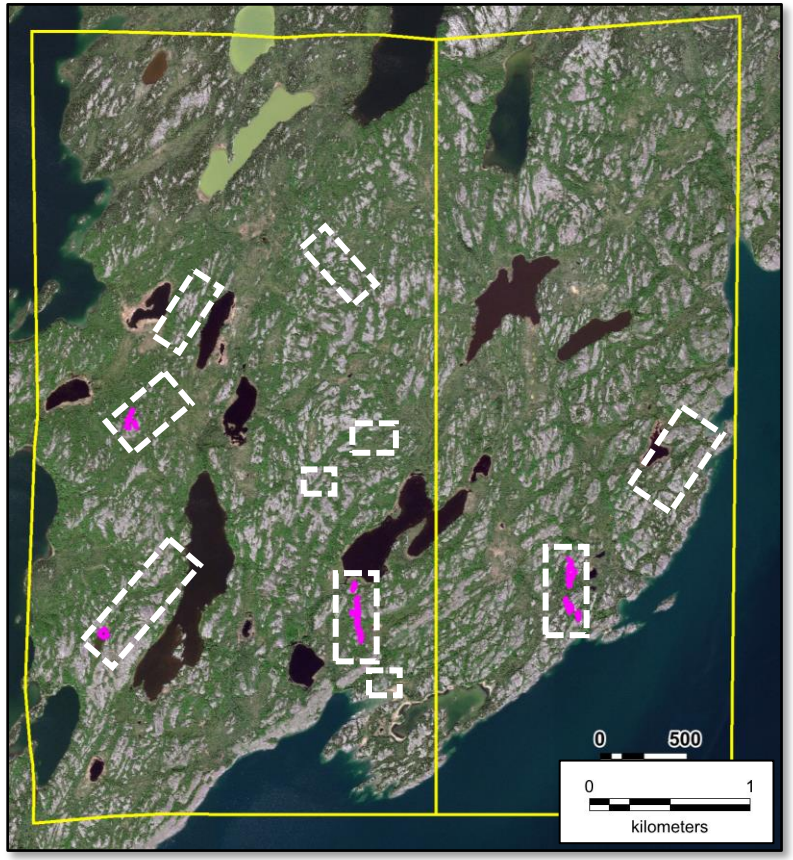
- Prospecting target areas identified outside of the Moose 1 and Moose 2 pegmatites
- Based on review of historic lithogeochemistry survey & satellite imagery
- Li or Li + Cs Targets
- Includes two targets corresponding with pegmatite noted by Navigator.

Moose Nickel showing – limited sampling in 1998 & 2001 returned **0.92 to 6.5% Ni** from Ni-sulphides



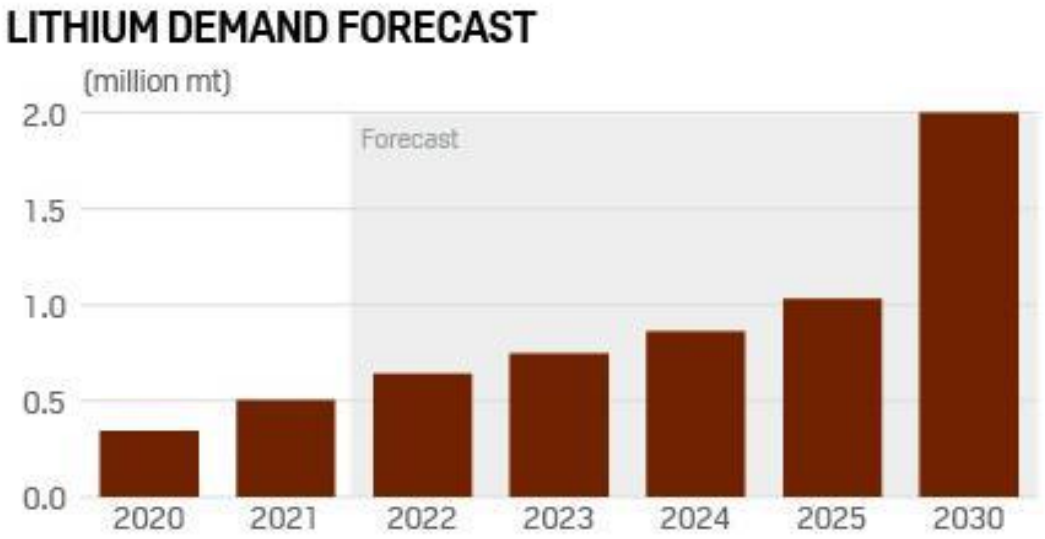
DESTAFFANY PROJECT – 2023 field work

Can the Moose pegmatites produce a marketable spodumene concentrate?

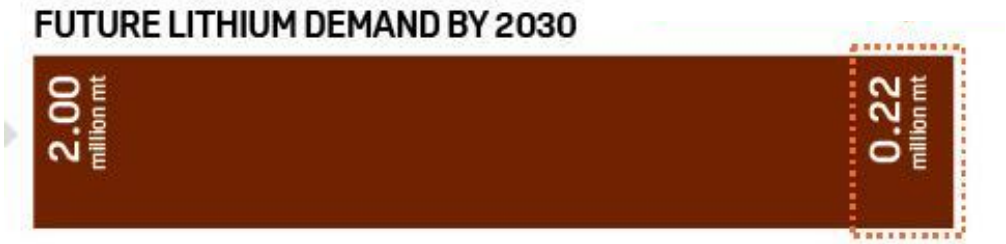


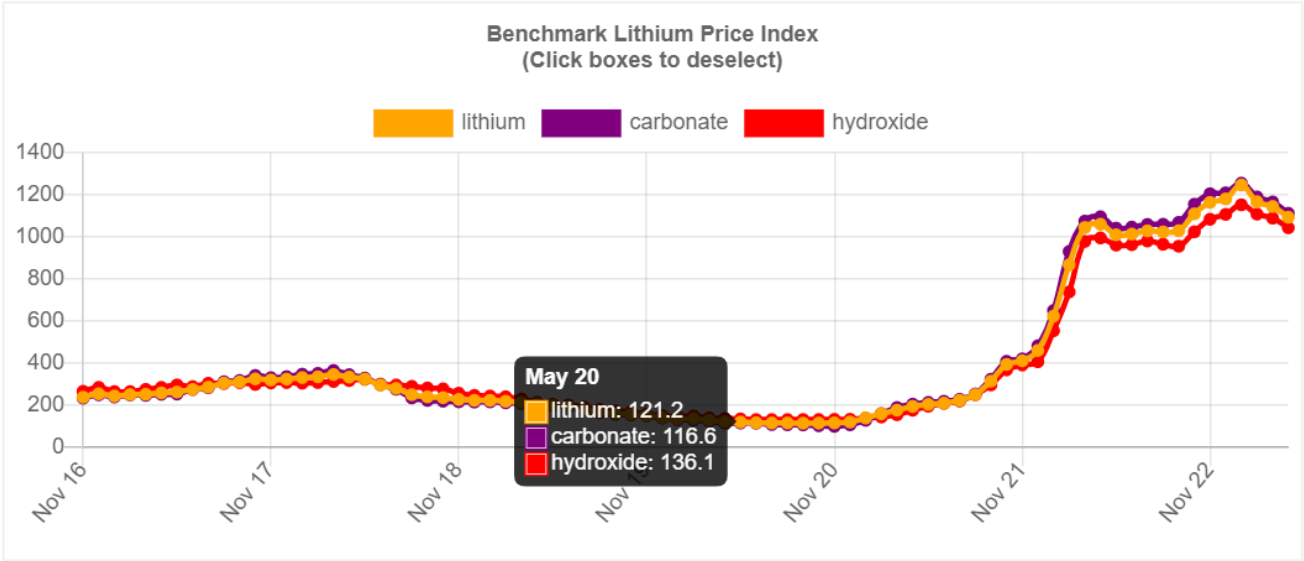
- Moose 2 and Moose 1 – mapping, representative channel sampling and 'bulk' sampling spodumene zones for mineral recovery & characterization studies
- Property wide prospecting and mapping focused on new discoveries of spodumene pegmatite
- Initial drilling of Moose 2 and Moose 1 to define strike and depth extent of spodumene zones.
- Evaluate potential of value upside from tantalite-columbite (Ta & Nb) and amblygonite (Li)

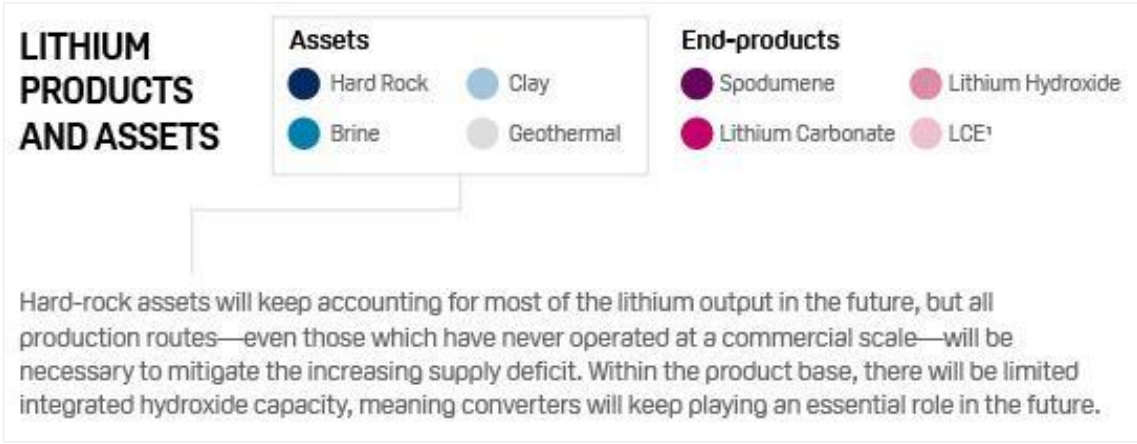
PREDICTED LITHIUM DEFICIT = interest in exploration



If all planned mines reach production by 2030, there will still be a >10% Lithium supply deficit







Images and text (other than Li Price index graph) from infographic developed an designed by Henrique Ribeiro and Melenie Yuen for S&P Global, January 2022

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