



North Arrow

MINERALS INC.

Experienced
Northern Exposure

Canadian Lithium Projects

October 13, 2023

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.

WHO WE ARE

North Arrow is a Canadian company focused on the identification and evaluation of exploration opportunities in Canada.



North Arrow's management and directors have a successful track record of resource discovery and development in Canada's North.





WHY INVEST IN NORTH ARROW

North Arrow

We have the recipe for success in the junior resource sector.

GOOD MANAGEMENT

- Decades of successful experience exploring Canada's North – *contacts, relationships, data* – **KNOWLEDGE**
- *Two NWT discoveries that have become mines*
- Experienced spodumene lithium pegmatite exploration
Nunavut, NWT and the Carolinas 2009-2010

GOOD PROJECTS

- Spodumene deposits close to infrastructure in the Northwest Territories (rare!)
- *LDG and Mackay Projects* – sizeable spodumene pegmatites located along winter road
- DeStaffany Project – *Located within the Yellowknife Pegmatite Province currently being assessed by Li-FT, GAMA, Loyal Li, Midas, Patriot*

GOOD TIMING

- Lithium demand is strong with >10% supply gap forecast by 2030
- Spodumene is the desired product for lithium-ion batteries
- Market will reward those who can get to production quickly – NAR focused on lithium projects that have that potential

LITHIUM AND DIAMOND PROJECT PIPELINE

Advanced/Discovery Stage Lithium

1 LDG Lithium (100%)
Spodumene lithium pegmatite showings

2 MacKay Lithium (100%)
Spodumene lithium pegmatite showings

3 DeStaffany (100%)
Spodumene lithium pegmatite project

Grassroots Lithium

4 Bathurst Inlet (100%)
Pegmatites with unknown mineralogy



Oro - Hope Bay (100%)
Gold project 3km north of Agnico Eagle's Doris Mine

Advanced Stage Diamonds

Assessing a known diamond deposit

1. Naujaat (60%)
Significant diamond inventory; High-value fancy orange-yellow diamonds

Discovery Stage Diamonds

Next stage of diamond exploration could lead to discovery

2. Loki (100%)
Kimberlite discovery - 2018
3. Pikoo (100%)
Kimberlite discovery - 2016

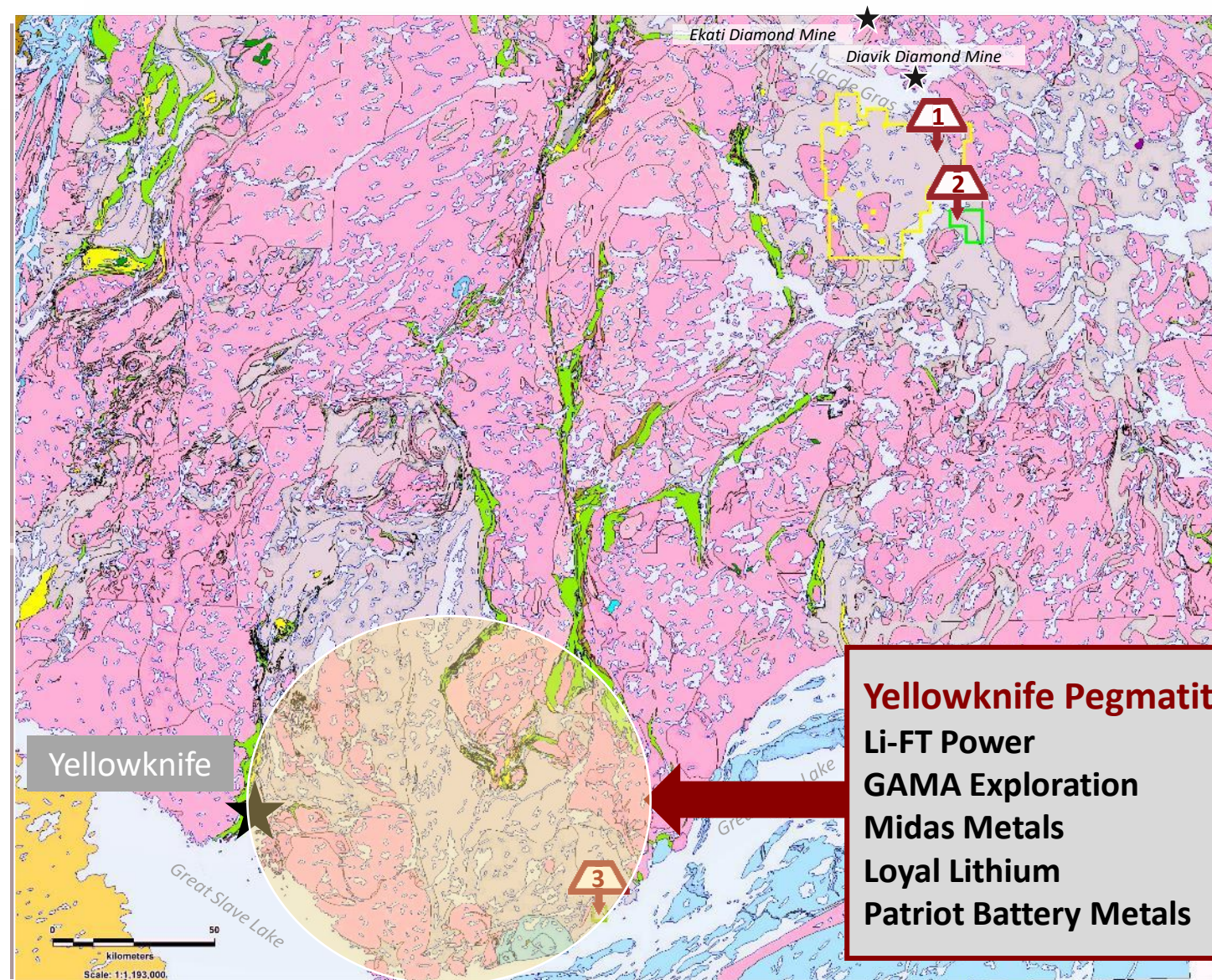
NAR's LITHIUM PROJECTS IN THE NWT

Advanced/Discovery Stage Lithium

**1 LDG Lithium
(100%)**
*Spodumene lithium
pegmatite showings*

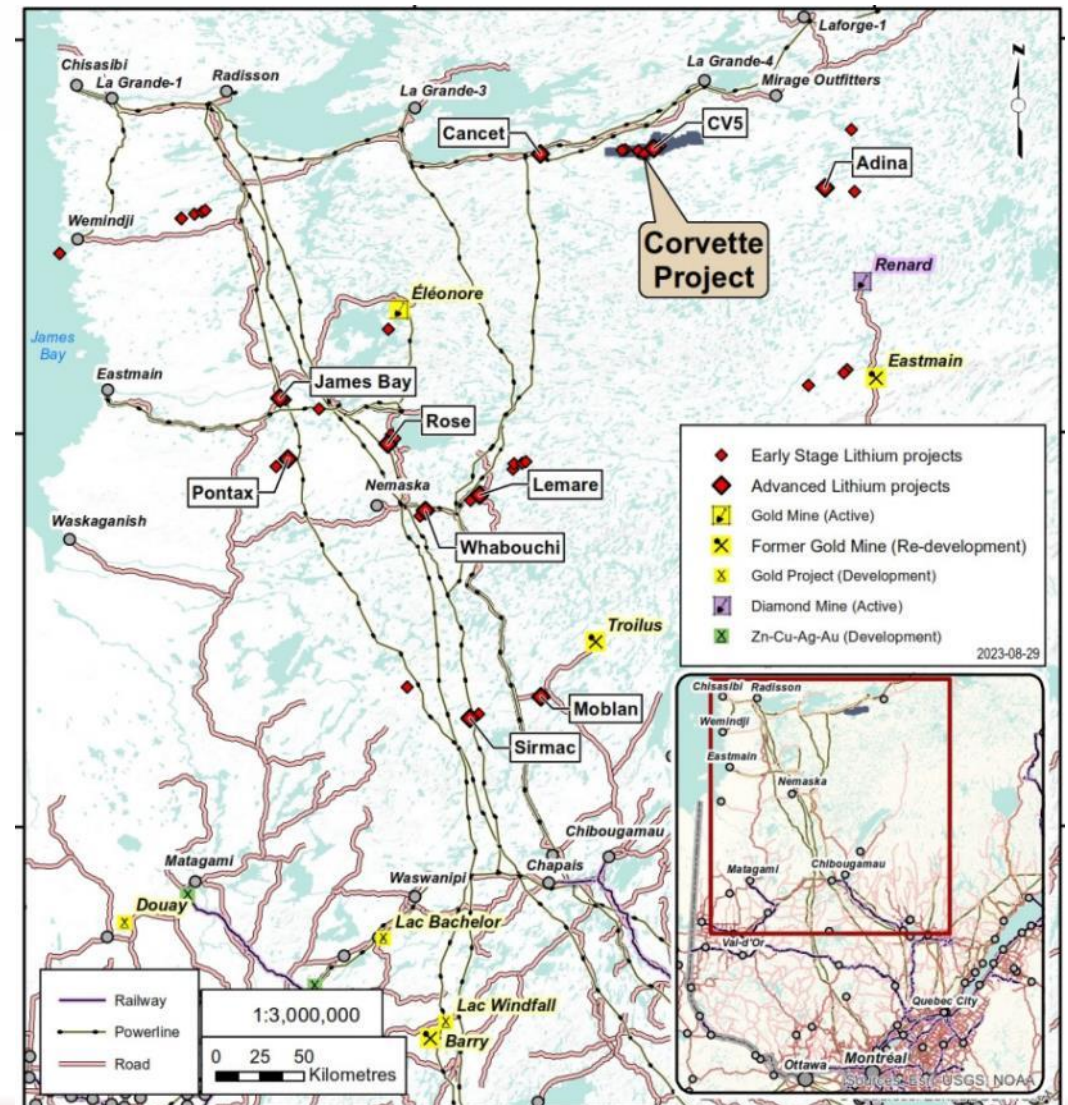
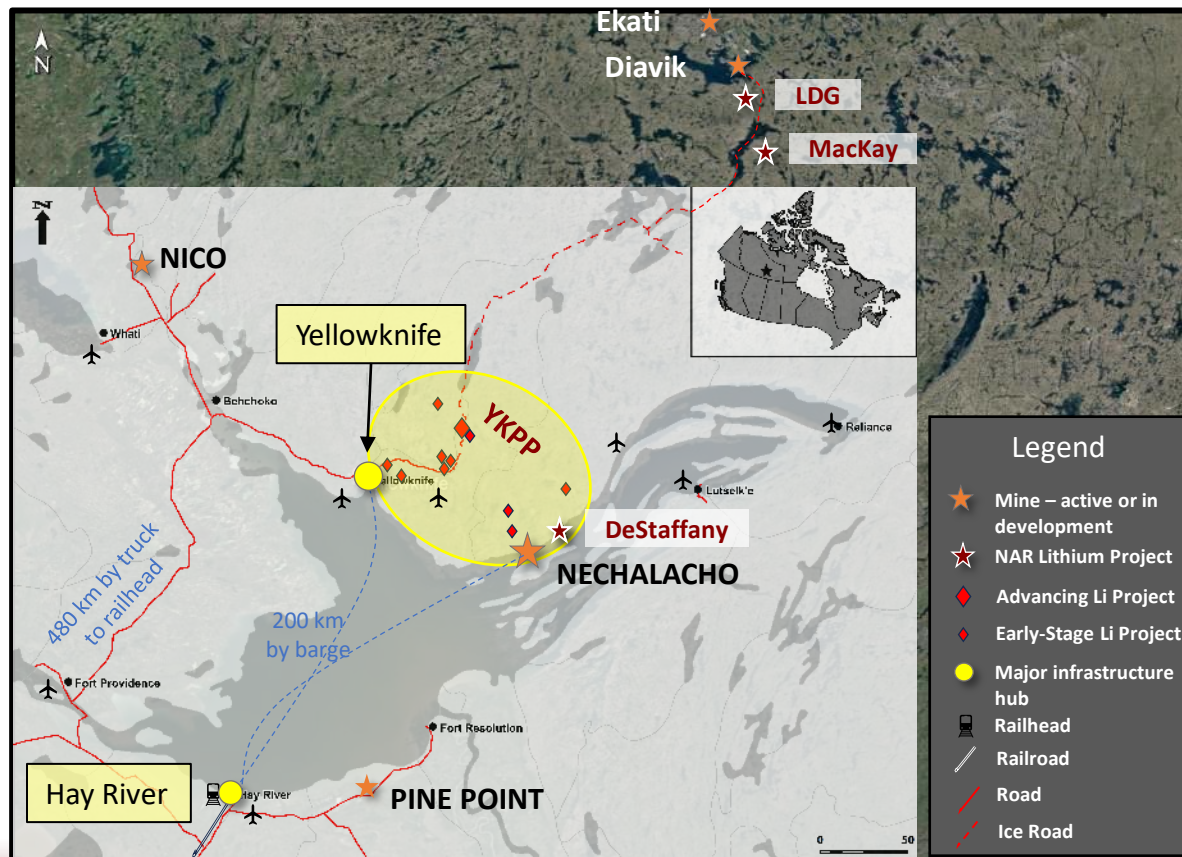
**2 Mackay Lithium
(100%)**
*Spodumene lithium
pegmatite showings*

**3 DeStaffany
(100%)**
*Spodumene lithium
pegmatite project*



NWT TOO REMOTE? COMPARE TO JAMES BAY

- Look at the NWT and Quebec James Bay - **same scale**.
- Proximity to the City of Yellowknife and full airport.
- Proximity to railhead from Hay River



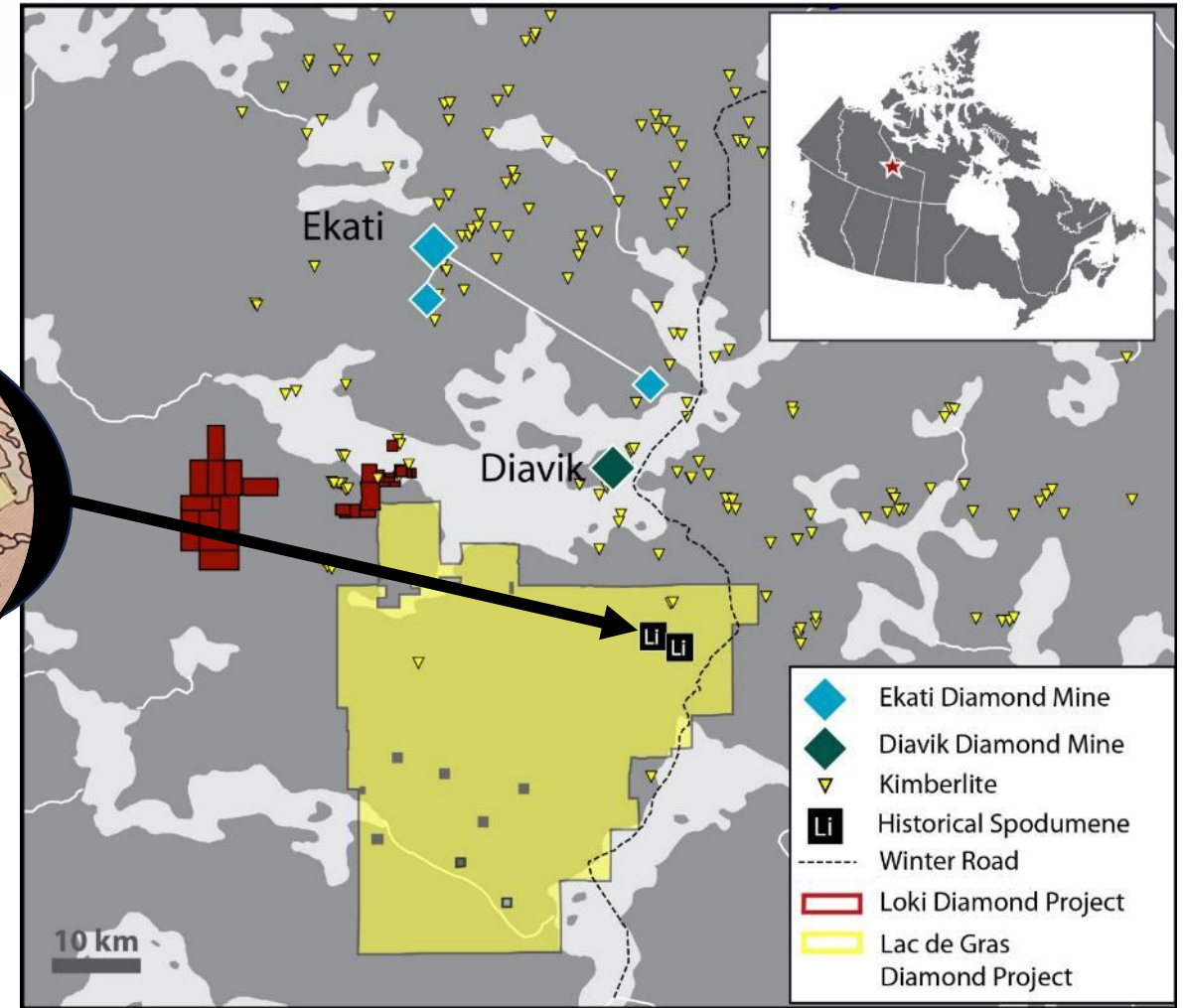
Map from Patriot Battery Metals NI 43-101 Technical Report Effective June 25, 2023

LDG LITHIUM PROJECT – NAR 100%

- “New” project benefits from extensive exploration dataset (LIDAR; geophysics, till sampling, surficial mapping)
- Located along the Lac de Gras winter road alignment
- GSC mapping in the 1940’s identified pegmatites with “10% of the lithium silicate mineral spodumene”
- Spodumene pegmatite confirmed July 2023

Geological Survey of Canada map 977A.

Li (spodumene) pegmatite showings within LDG Project claims.



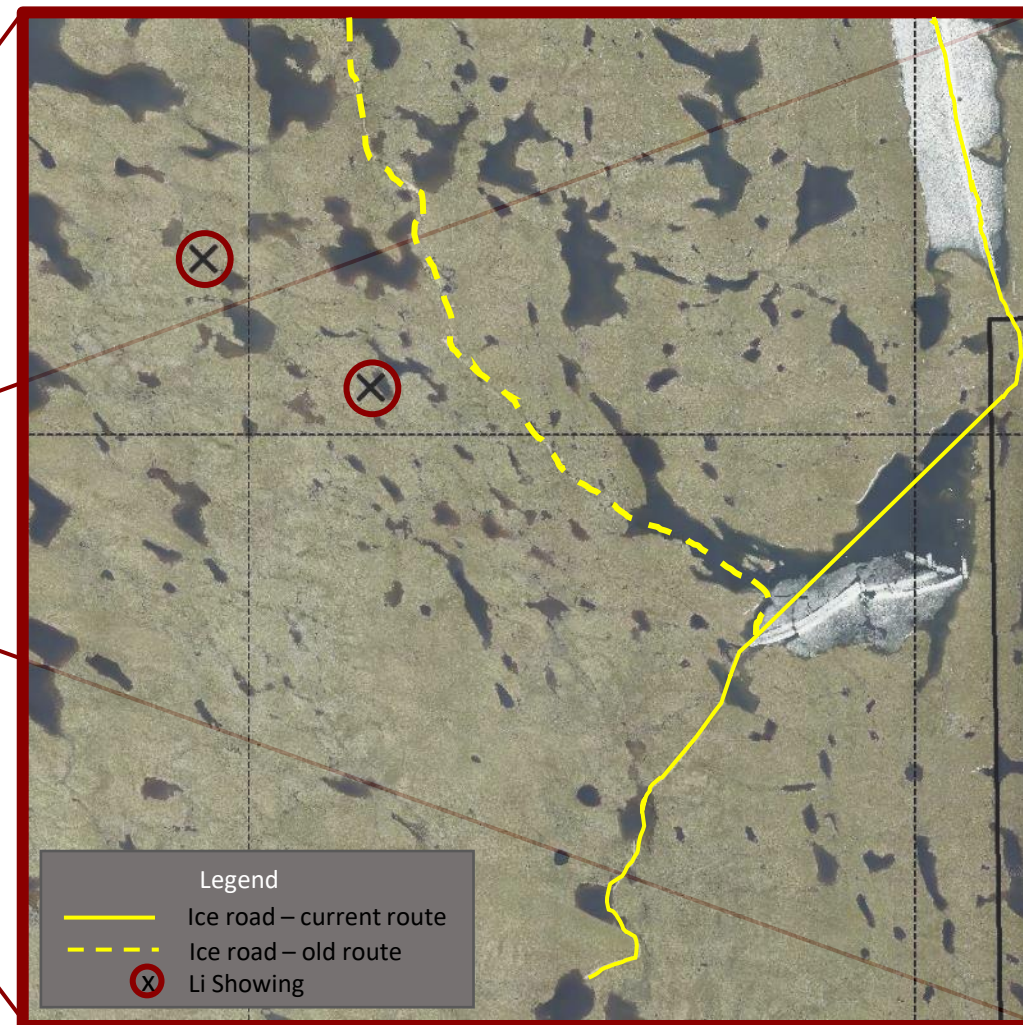
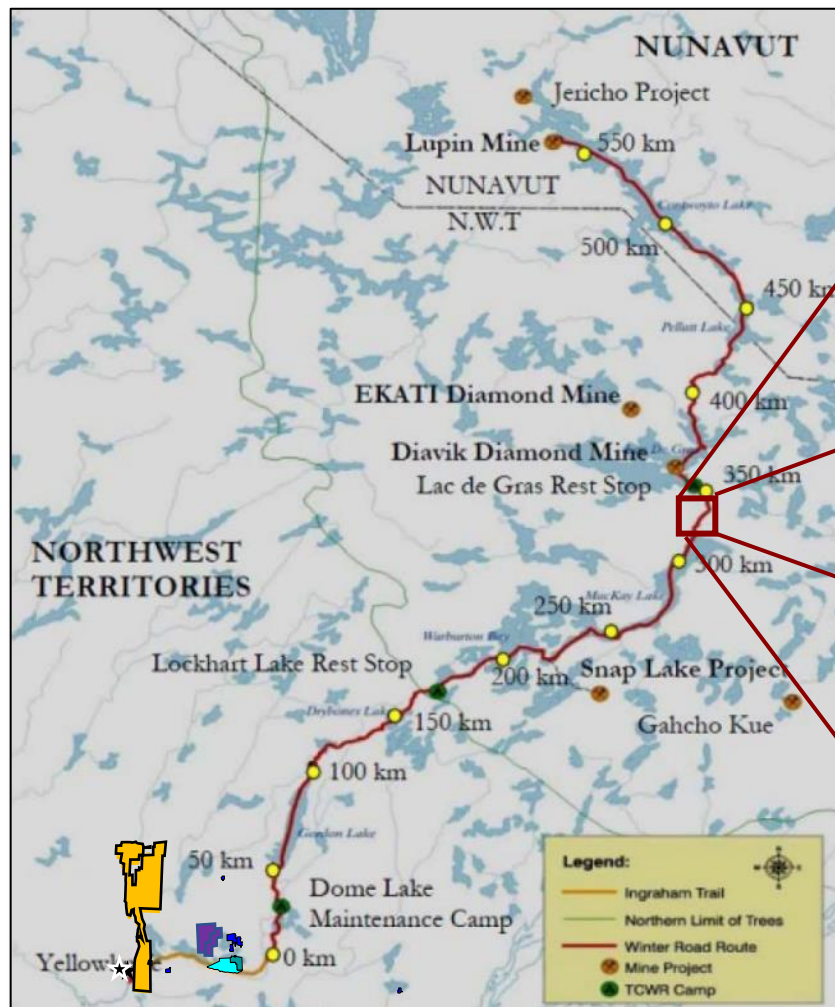


LDG Li SHOWINGS - PROXIMITY TO ICE ROAD

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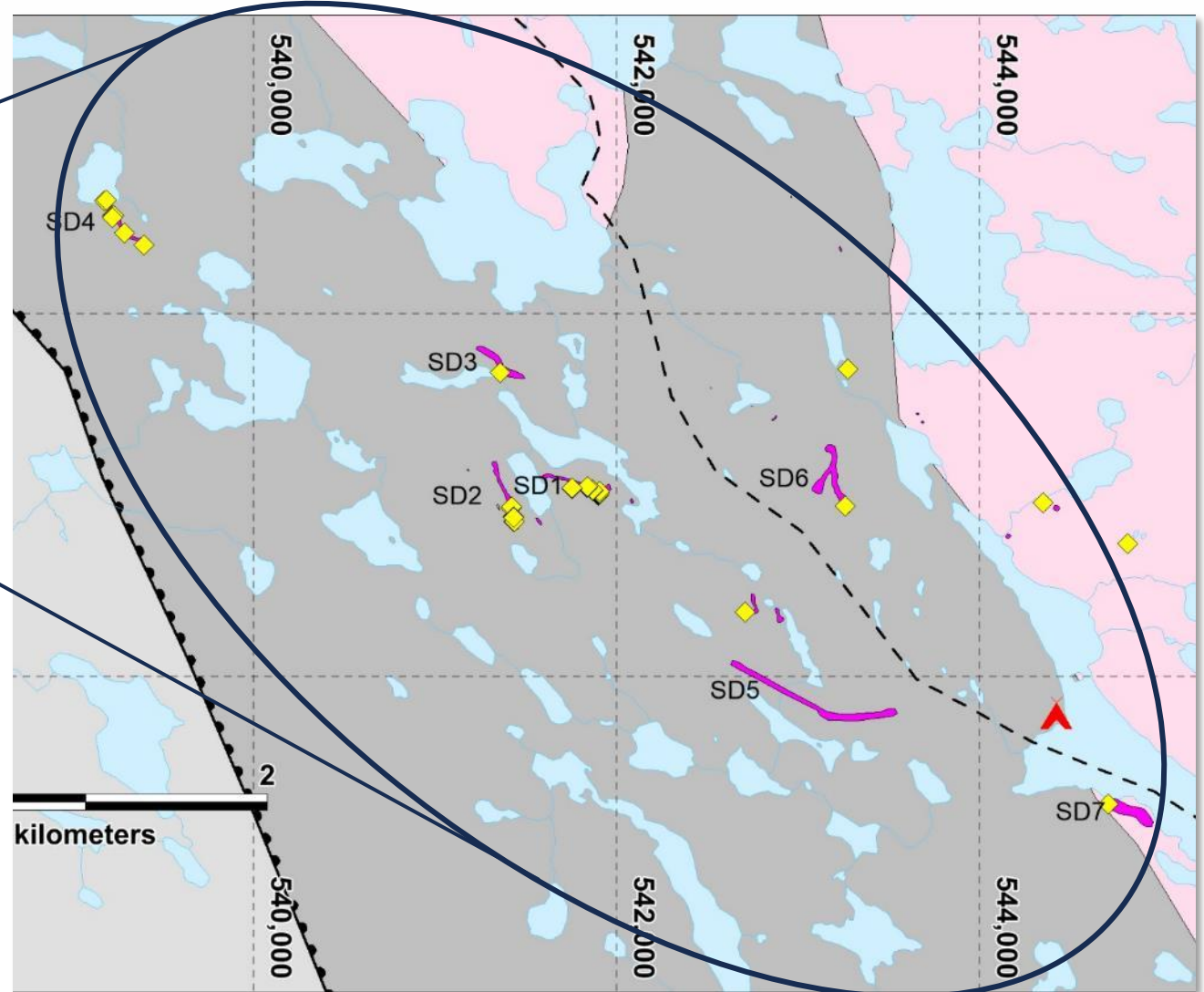
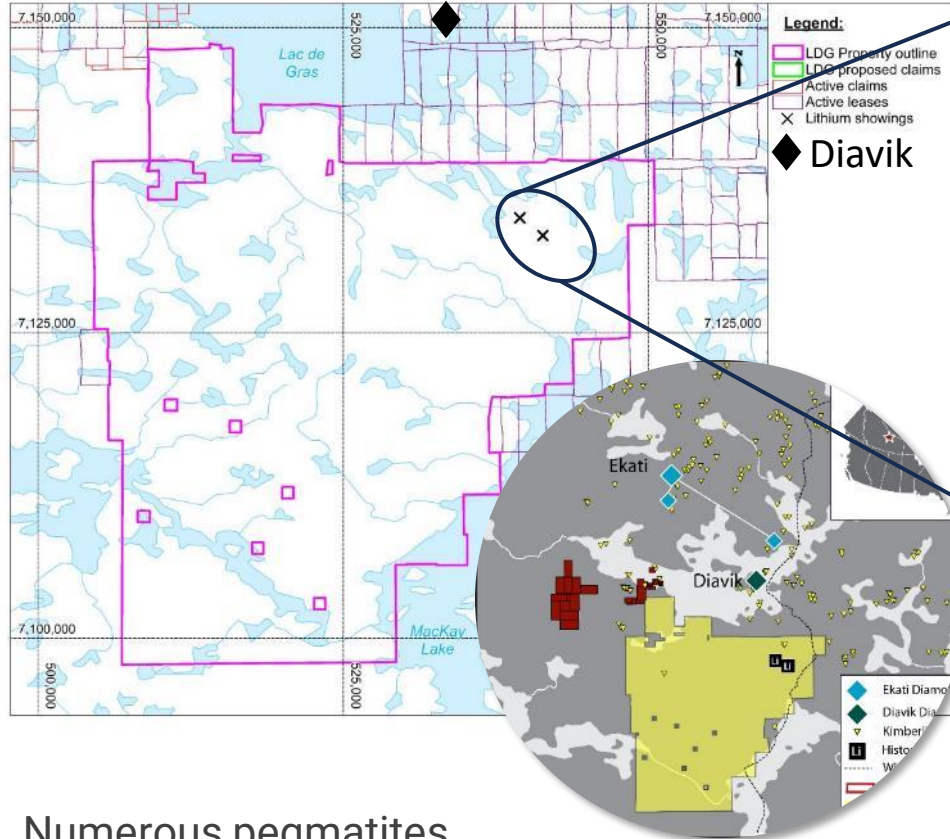
Ice road connecting Yellowknife to the N.W.T.'s three operating diamond mines. (Tibbitt to Contwoyto Winter Road Joint Venture)



LDG SPODUMENE PEGMATITES – GEOLOGICAL SETTING

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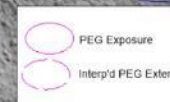
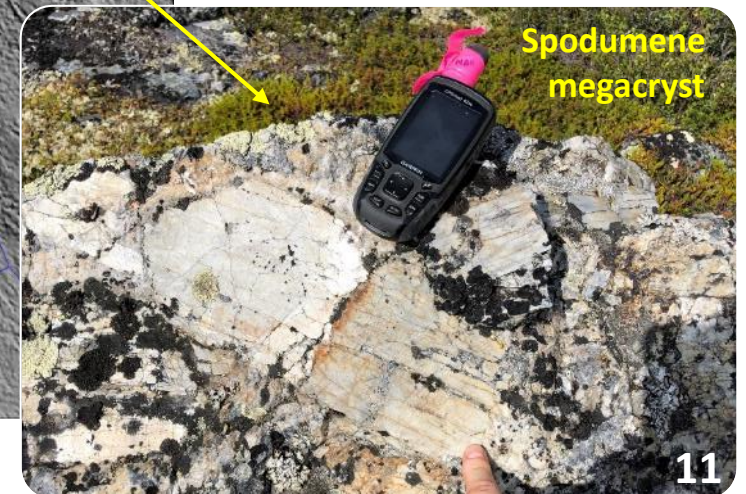
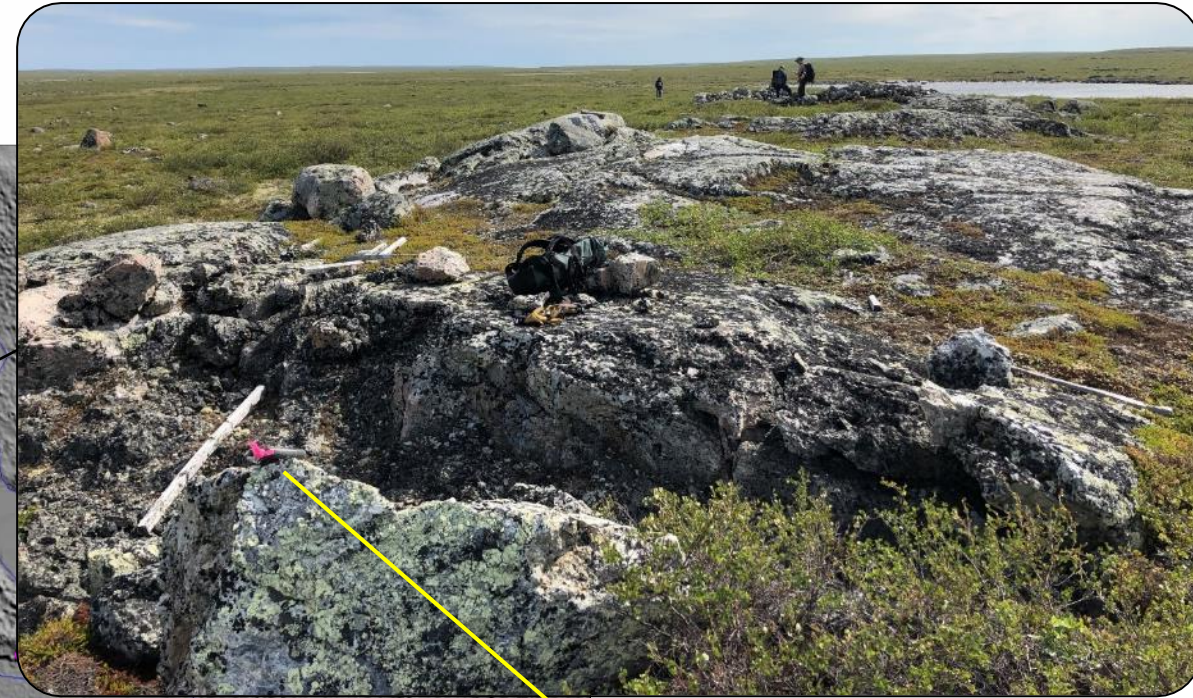
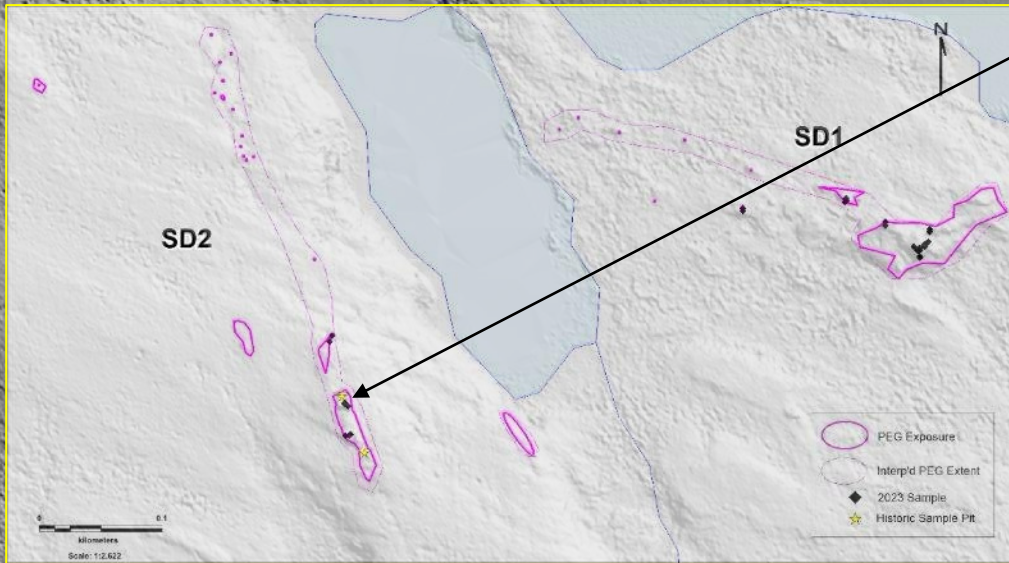
◆ 2023 field sample



- Numerous pegmatites
- SD2 and SD4 show significant spodumene content.
- 18 km corridor of underexplored metasedimentary rocks adjacent to a fertile, two-mica granite; similar in age and setting to the host rocks of the Yellowknife Pegmatite Province

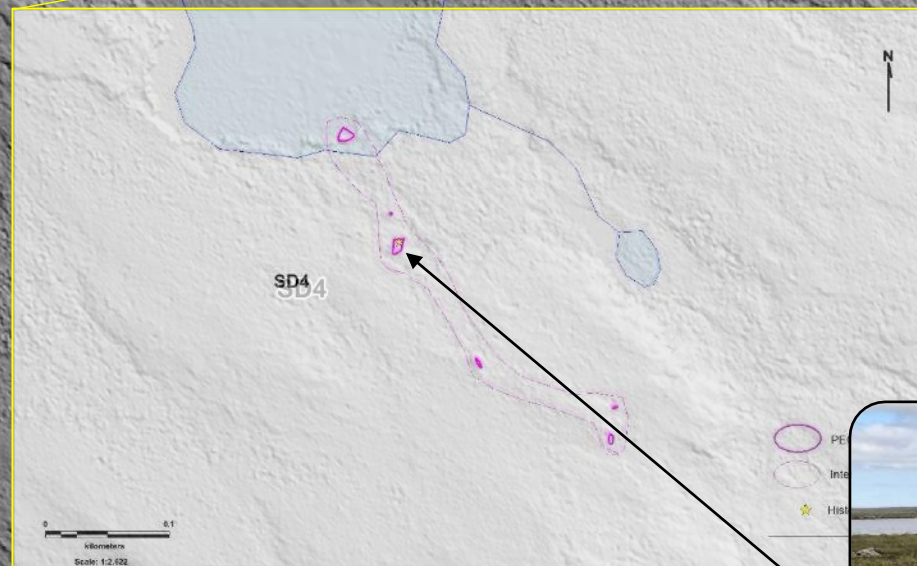
SD2 PEGMATITE – LOOKING SOUTH

- 7 of 8 rock sawn channel samples returned 0.40% to 1.70% Li_2O .
- Steeply dipping (75-80 degrees) & 10-20 m wide and over 400 m in strike length.



SD4 PEGMATITE

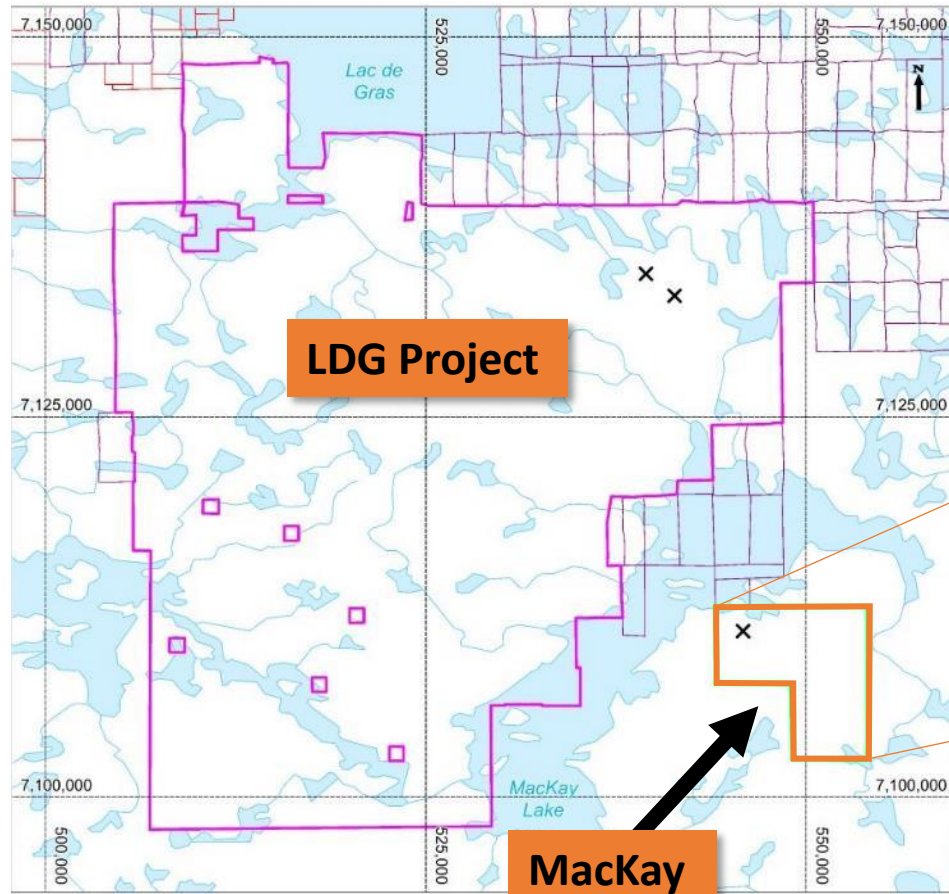
- 5 of 7 representative grab samples returned from 1.10% to 2.17% Li_2O .
- Interpreted as steeply dipping (75-80 degrees).
- 10-20 m wide and over 400 m in strike length.



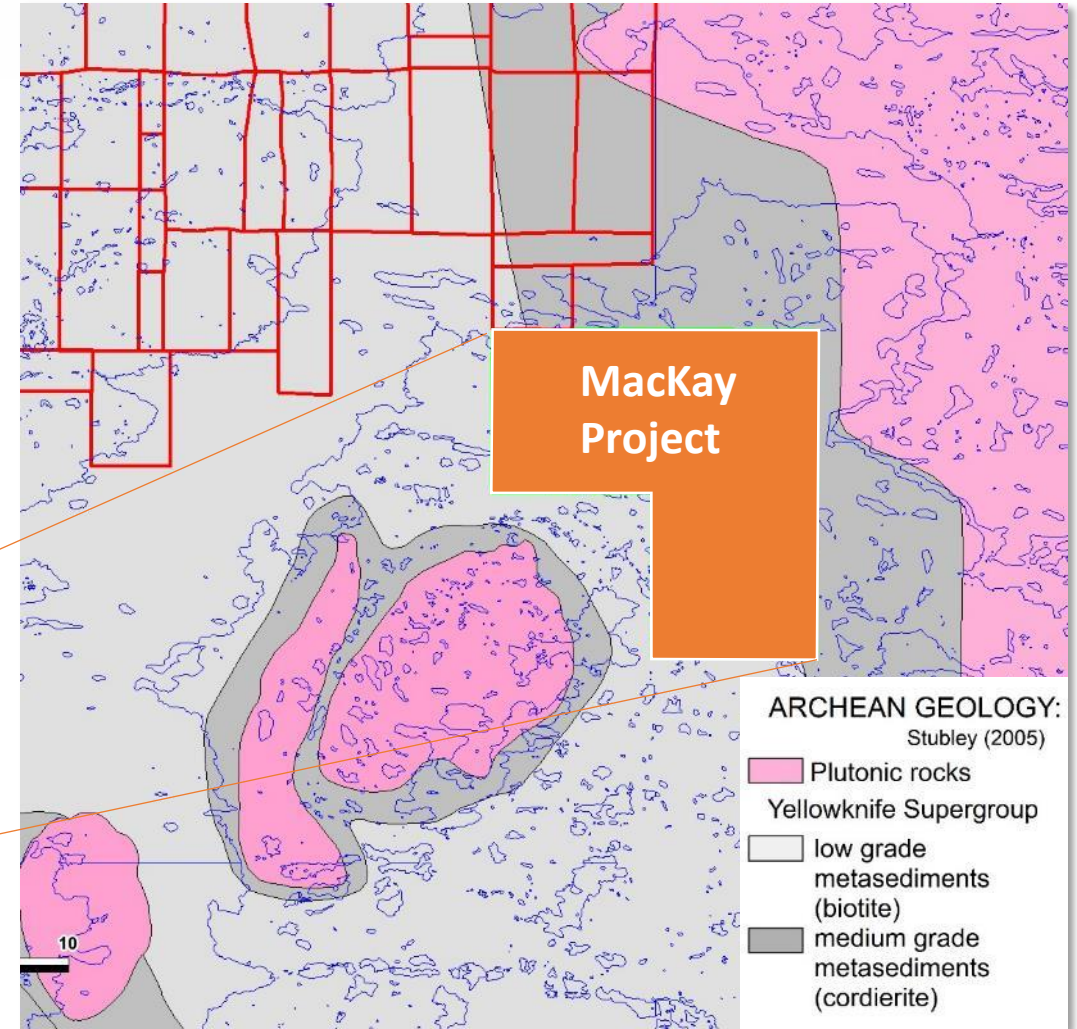


MACKAY LITHIUM PROJECT

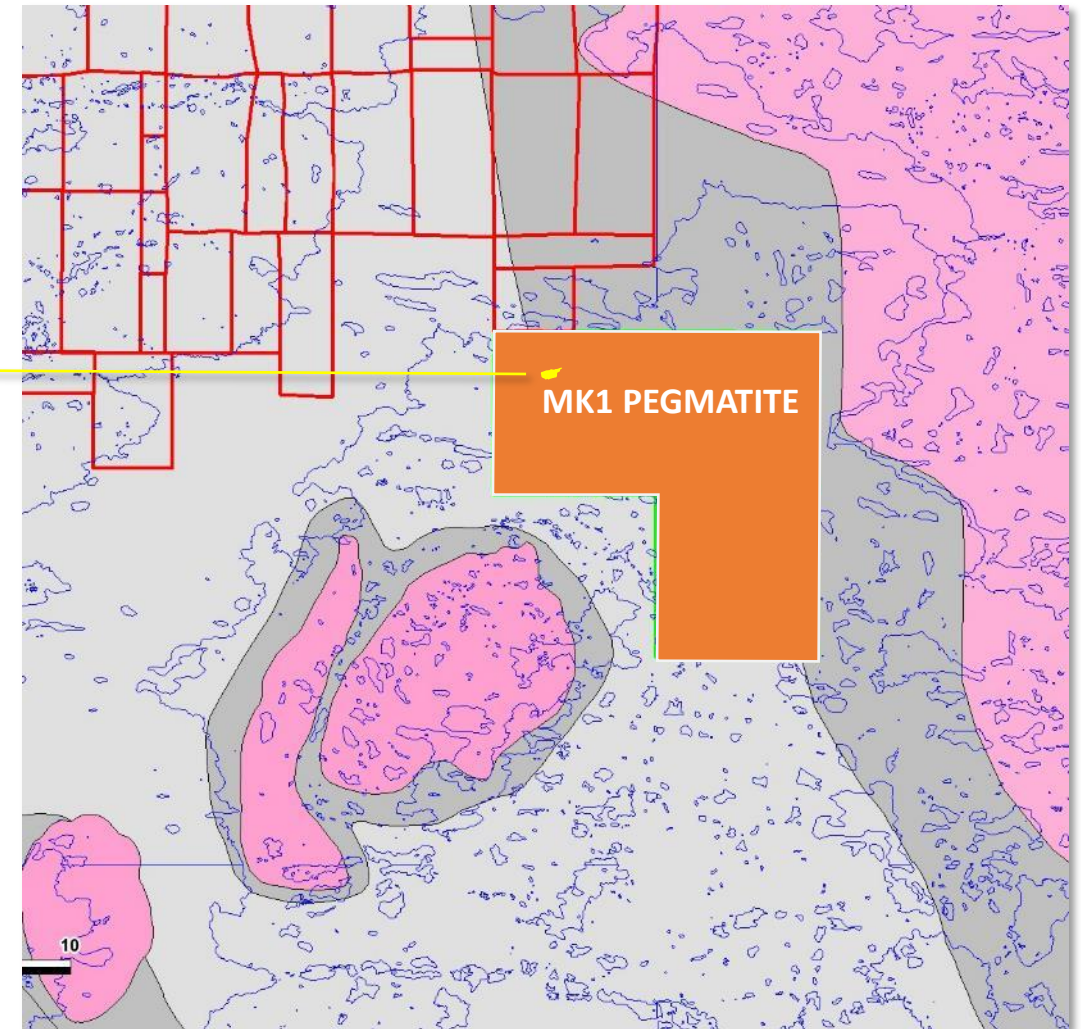
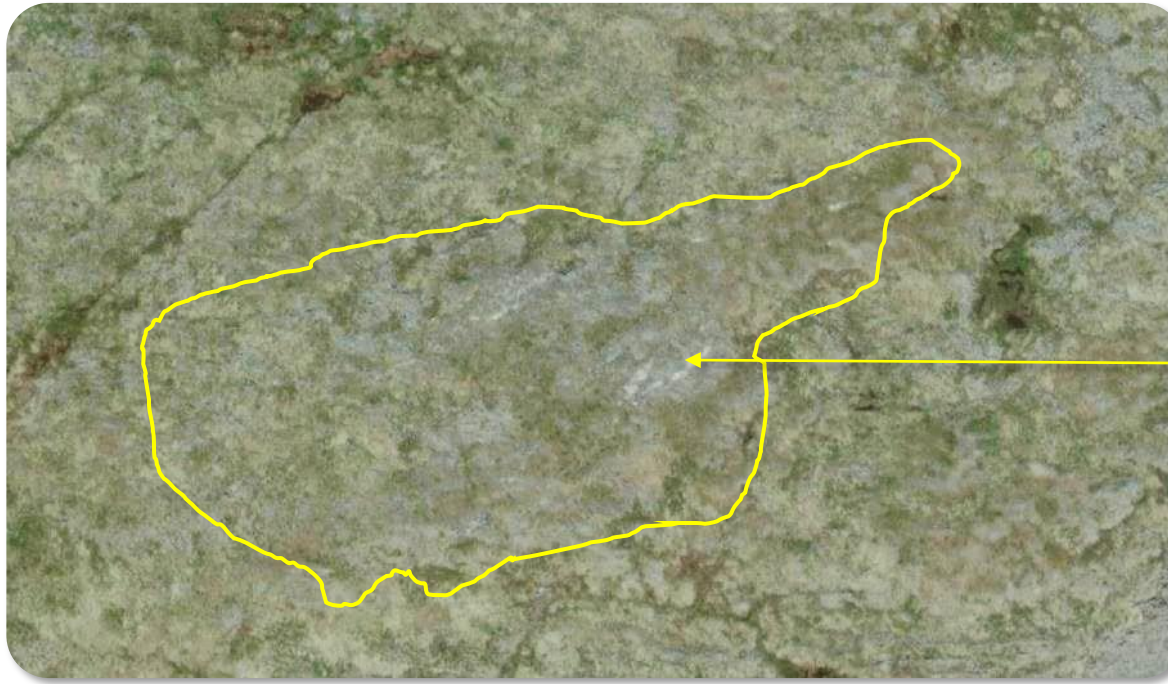
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MacKay Project

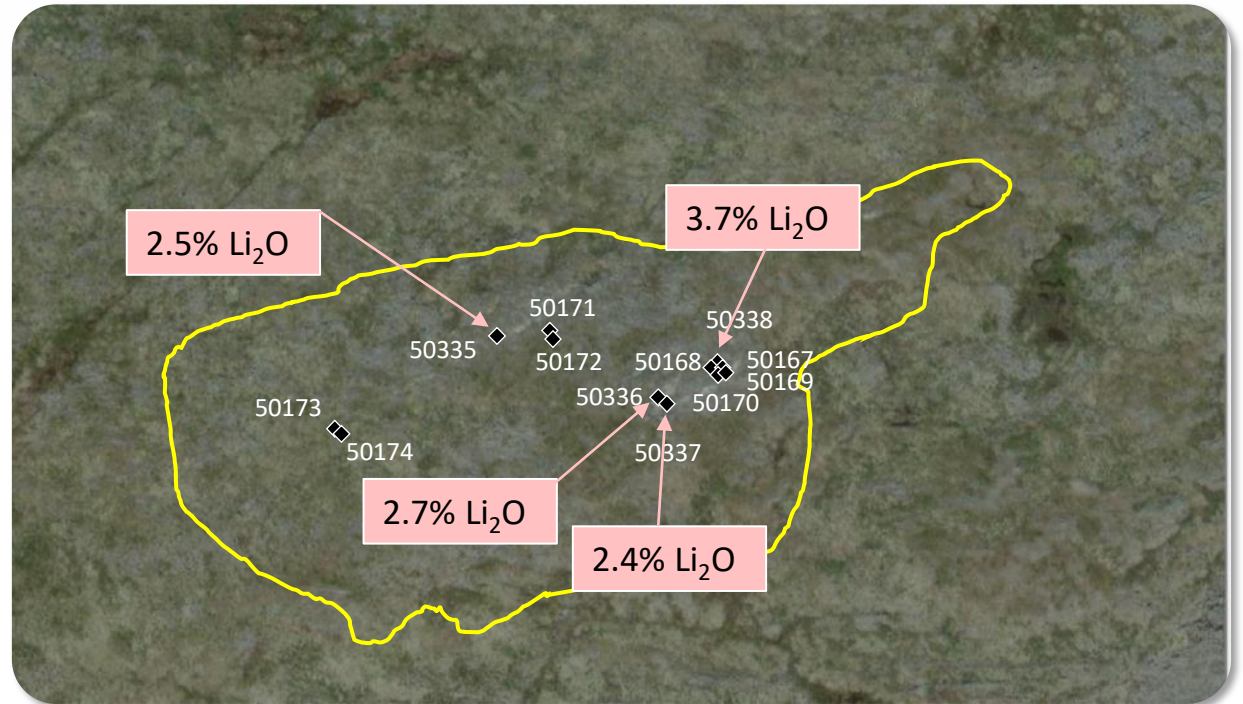
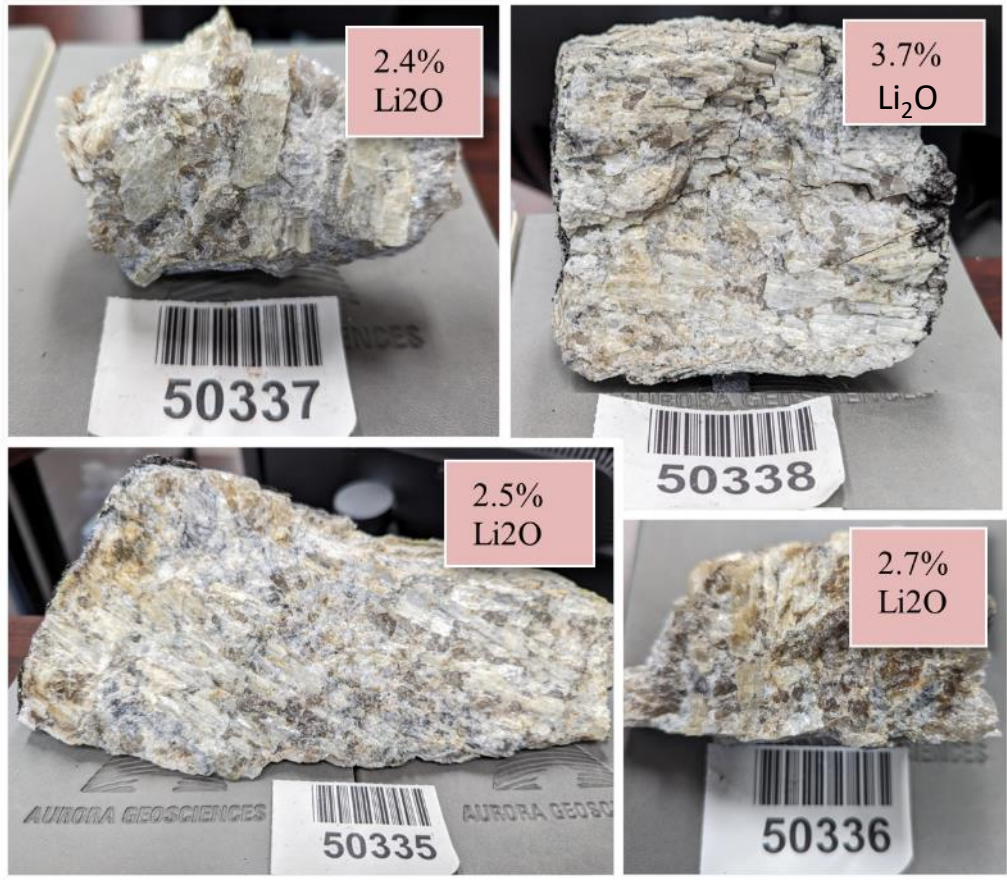


Applying for LDG Land Use Permit Amendment to include the MacKay MK1 Pegmatite. Drilling planned for spring 2024.



- MK1 spodumene pegmatite discovered June 2023
- Channel sampling and mapping July 2023 and currently.
- Irregular sub-parallel pegmatite dykes from 0.5 to >10m wide; target area has combined width of ~150m; interpreted strike of >400m

MACKAY LITHIUM PROJECT



- June 2023 grab samples, ~0.5 – 2 kg, collected over 120m strike extent
- 6 of 8 rock sawn channel samples returned Li_2O assays of **1.16%, 1.34%, 1.87%, 1.90%, 1.93% and 2.30%**

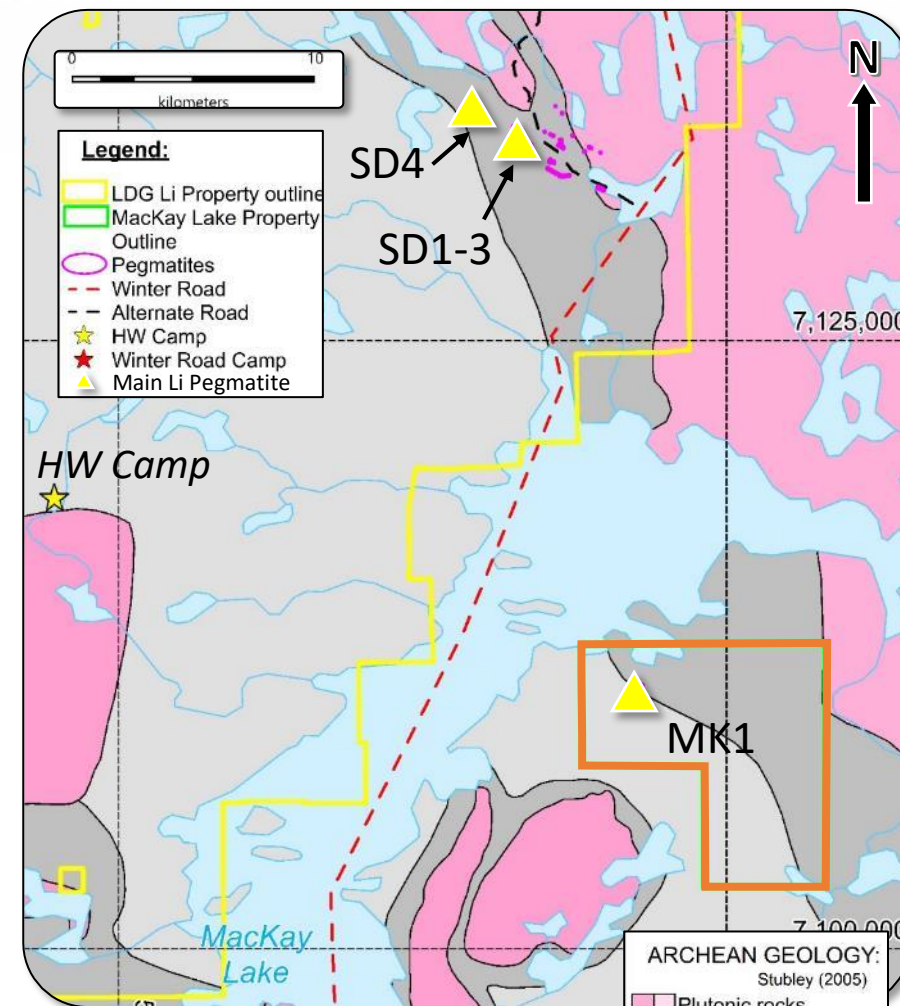


LDG & MACKAY LITHIUM PROJECTS

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










- Multiple spodumene pegmatites located in low-relief areas
- Significant width and strike potential next to winter road infrastructure; within 20km of Diavik
- High Li_2O grades confirmed at MK1, SD2 and SD4
- September 2023 program underway: prospecting, mapping, sampling; geophysics, drone surveys, drill hole spotting – NEW Discoveries?

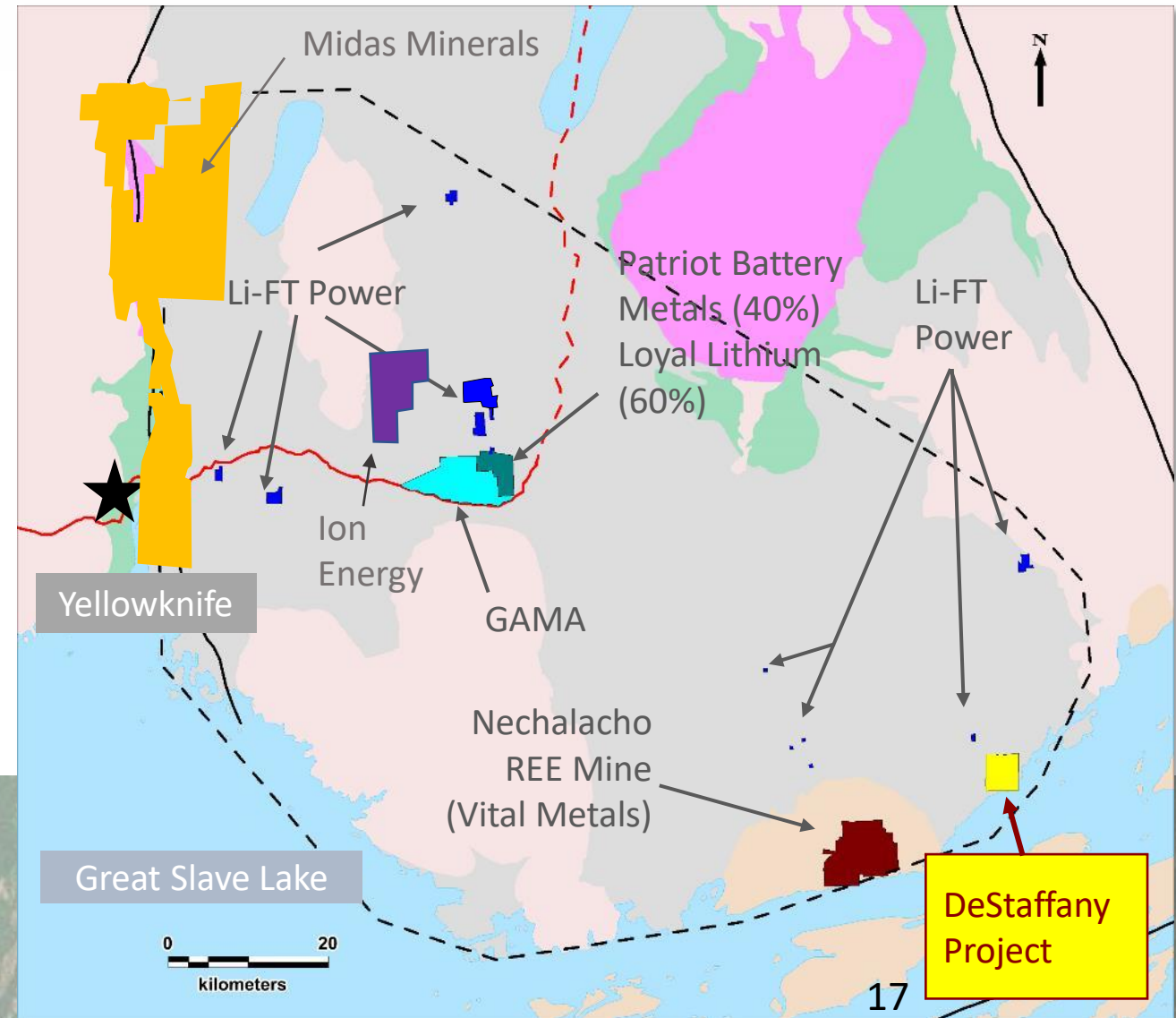


HW Camp will service both projects

- Yellowknife Pegmatite Province (YKPP)
- Same setting as Li-FT Power's Yellowknife Lithium Project; other players include Patriot Battery Metals, Loyal Lithium, Midas Minerals, and Gama Explorations
- NAR team has past Li, Ta and REE experience in the region
- 115km East of Yellowknife
- Four spodumene pegmatites; three drill ready for 2024.

LEGEND:

 North Arrow - DeStaffany	 PROTEROZOIC
 Li-FT Power	 Cover and intrusive rocks
 Gama Explorations	 ARCHEAN
 PMET / Youssa	 Plutonic rocks / partly >2.8Ga
 Nechalacho REE Mine (Vital Metals)	 Metasediments / migmatites
 Road	 Volcanic and related intrusions
 Winter_Road	 Fault
 Yellowknife Pegmatite Province	

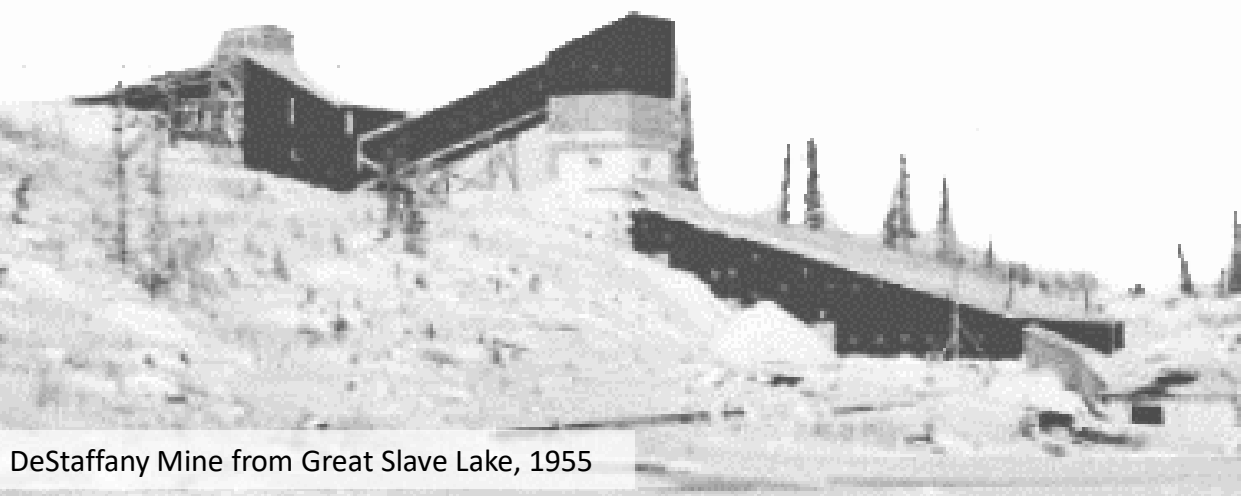
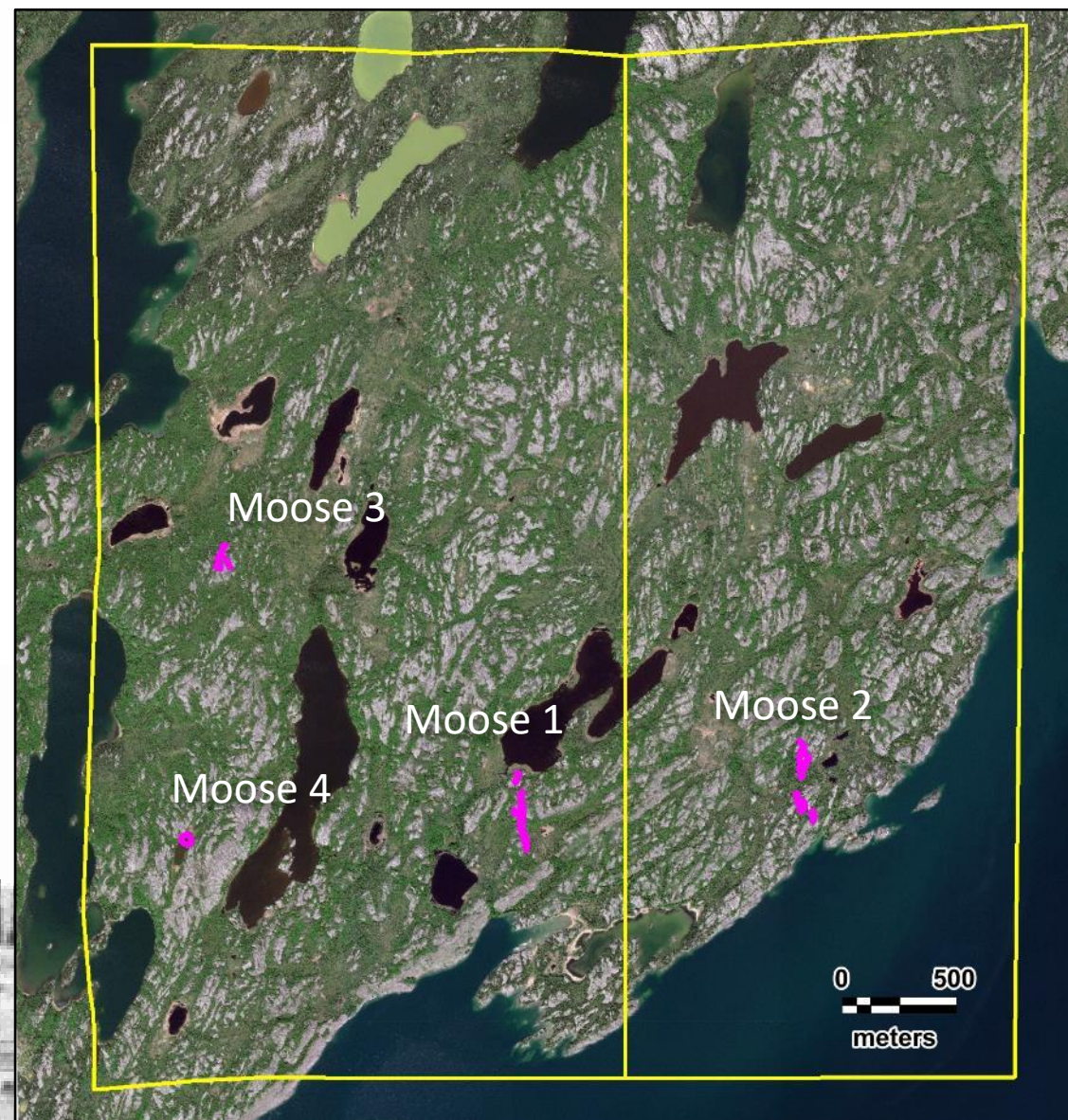




DESTAFFANY LITHIUM PROJECT

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- Moose 1 and Moose 2 spodumene pegmatites are >350m strike length; Moose 2 up to 30m wide
- 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**
- North Arrow identified Moose 3 and Moose 4 in 2023

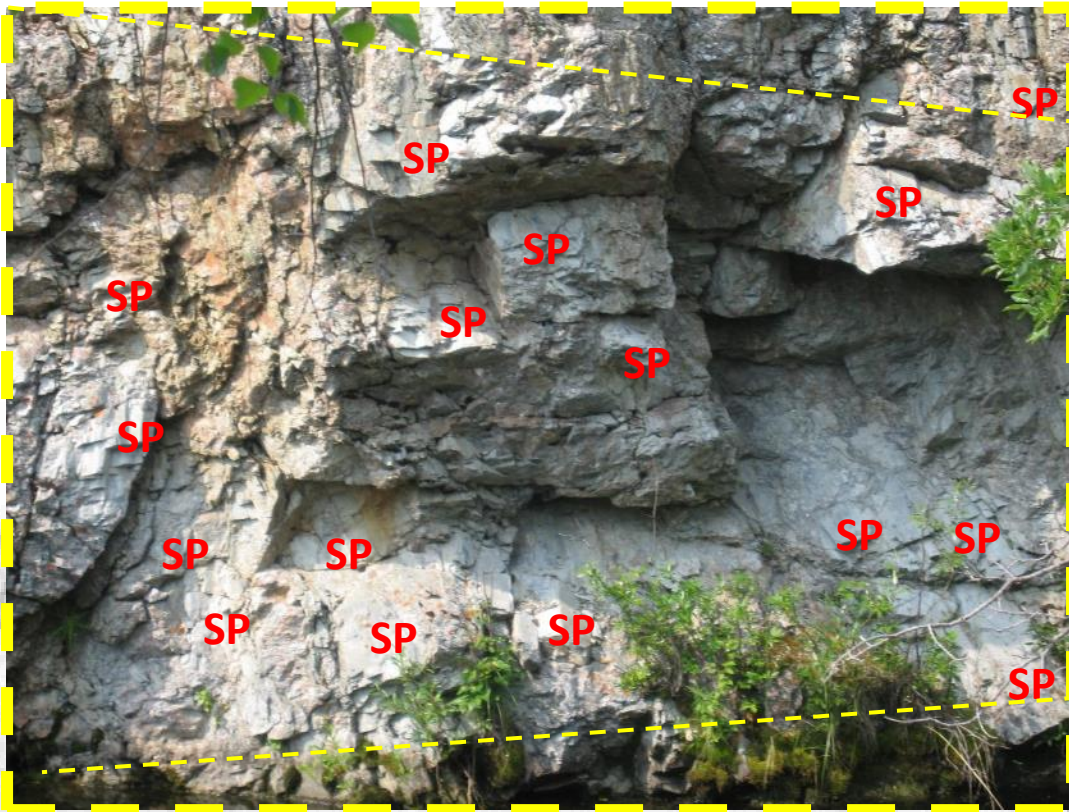


DeStaffany Mine from Great Slave Lake, 1955

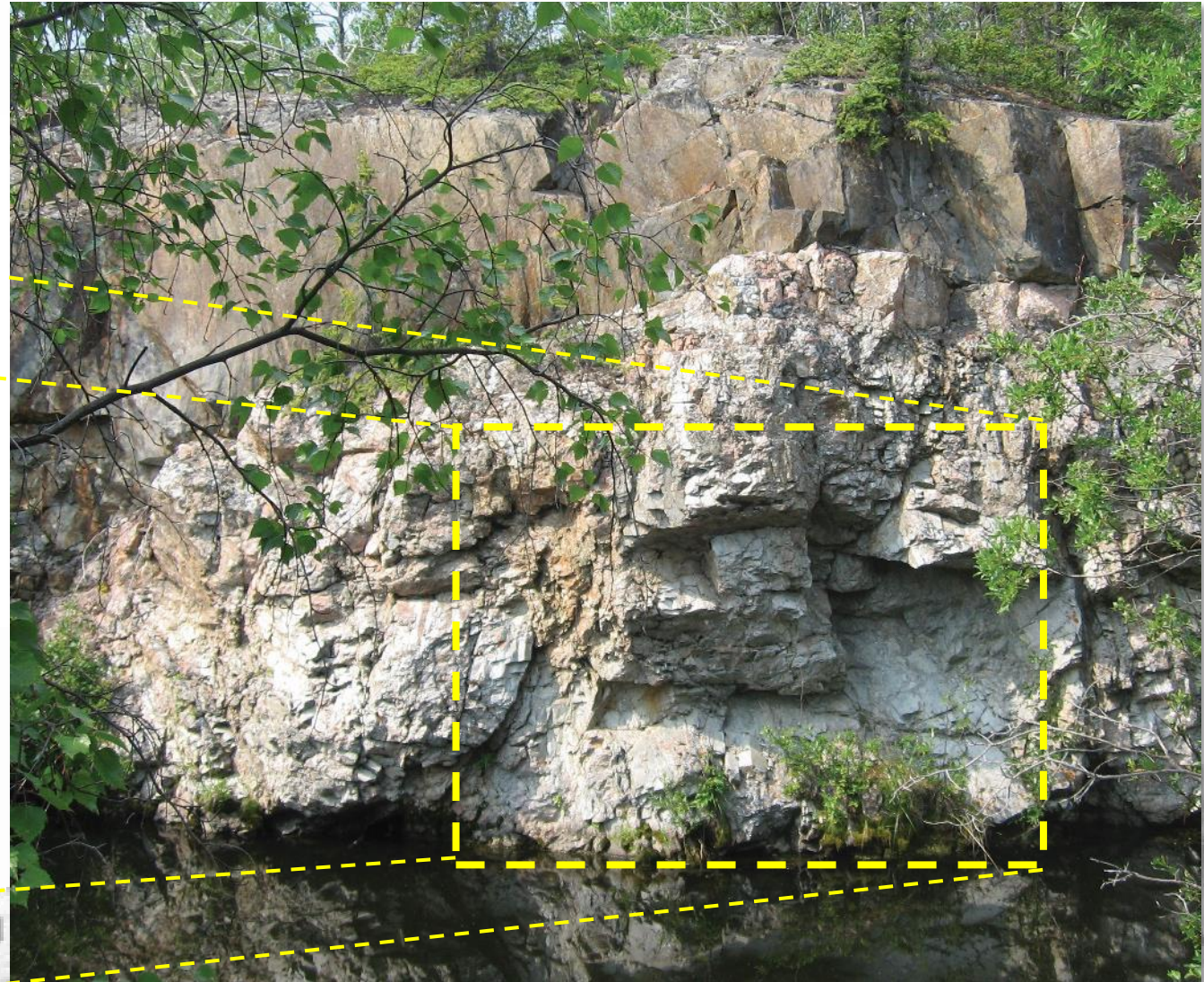


MOOSE 2 PEGMATITE – Historic Mining

- 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)

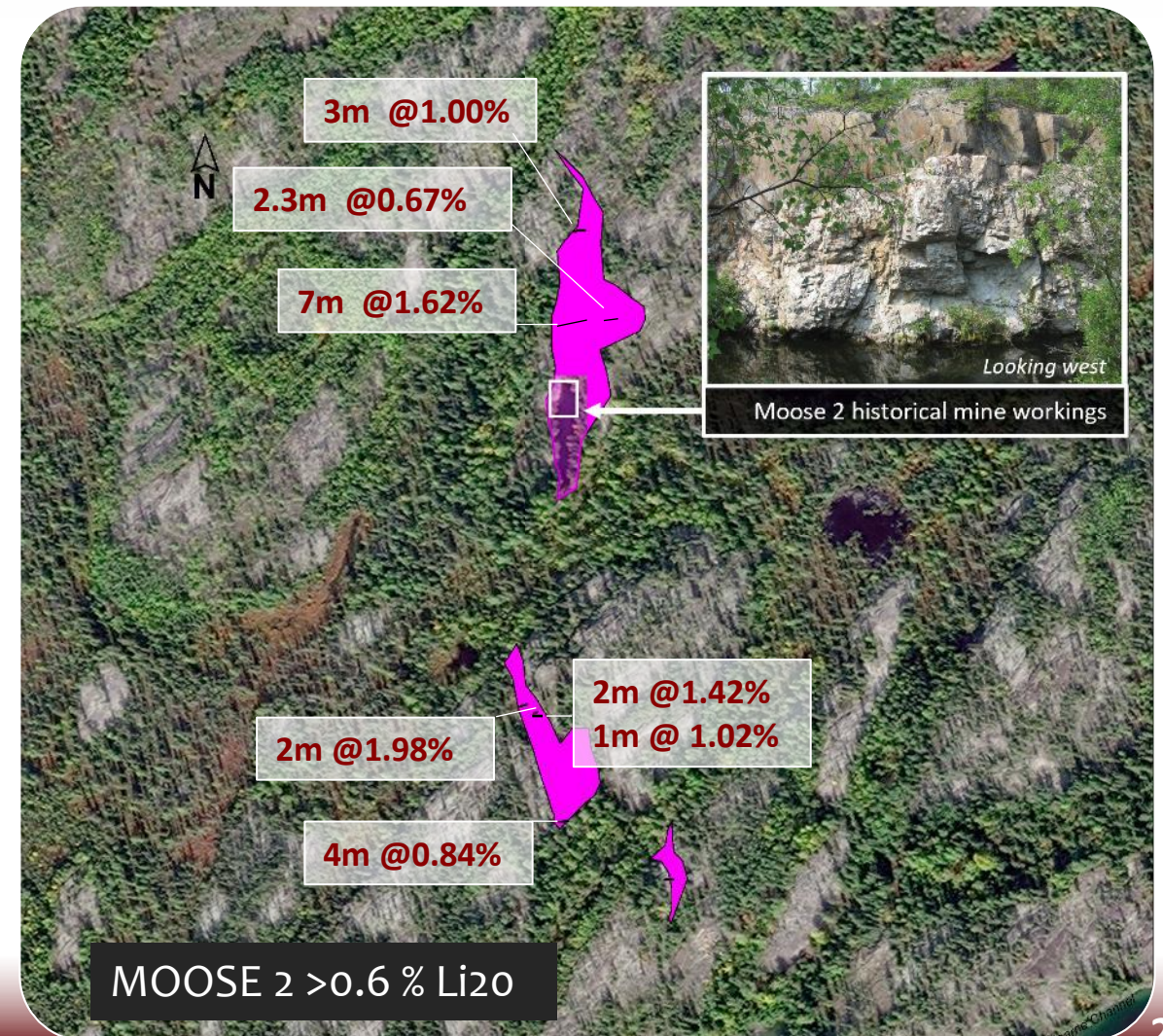
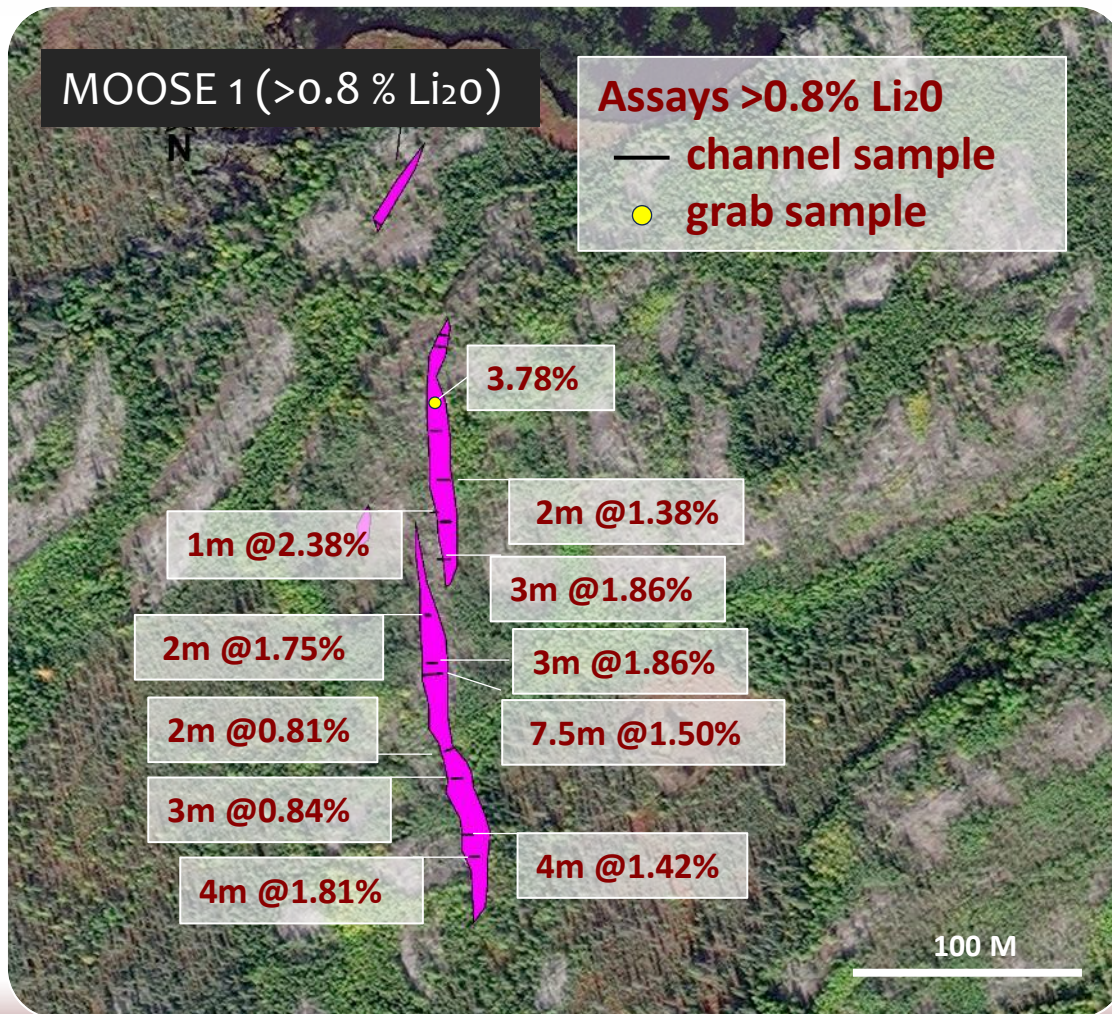


SP = SPODUMENE (Field of view height ~4m)



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

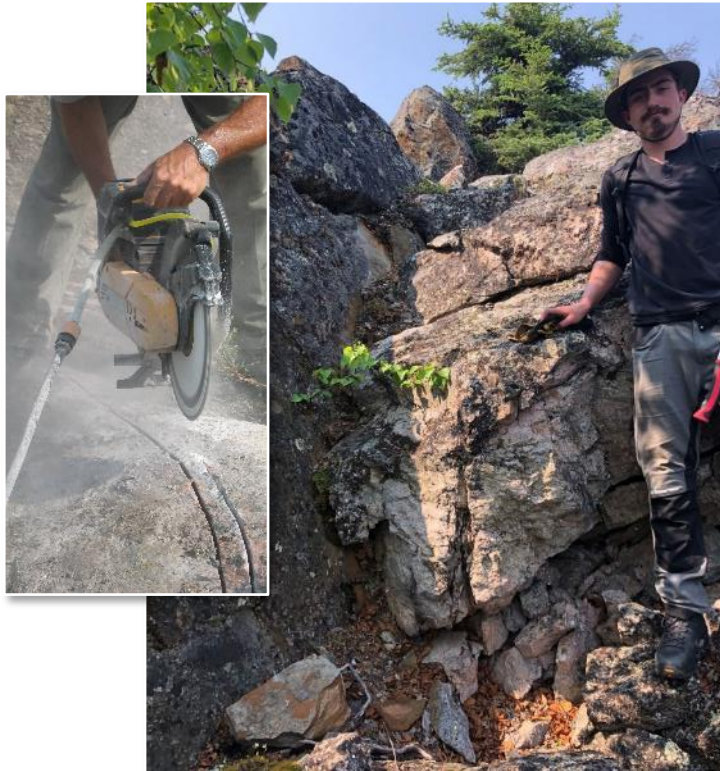
Historical and from 2023





DESTAFFANY PROJECT – 2023/24 field work

Can the Moose pegmatites produce a marketable spodumene concentrate that could be shipped south by barge and rail?



Phase 1 – Completed June 2023

- Mapping / channel sampling
- Moose 3 and Moose 4 discovered
- Channel, prospecting, and mineral characterization samples collected

Phase 2 – Spring / summer 2024

- Delineation drilling to define strike & depth extent of spodumene zones

**Hay River
on Great
Slave Lake**



Great Slave Lake Barge

Companies Exploring the
Yellowknife Pegmatite
Province

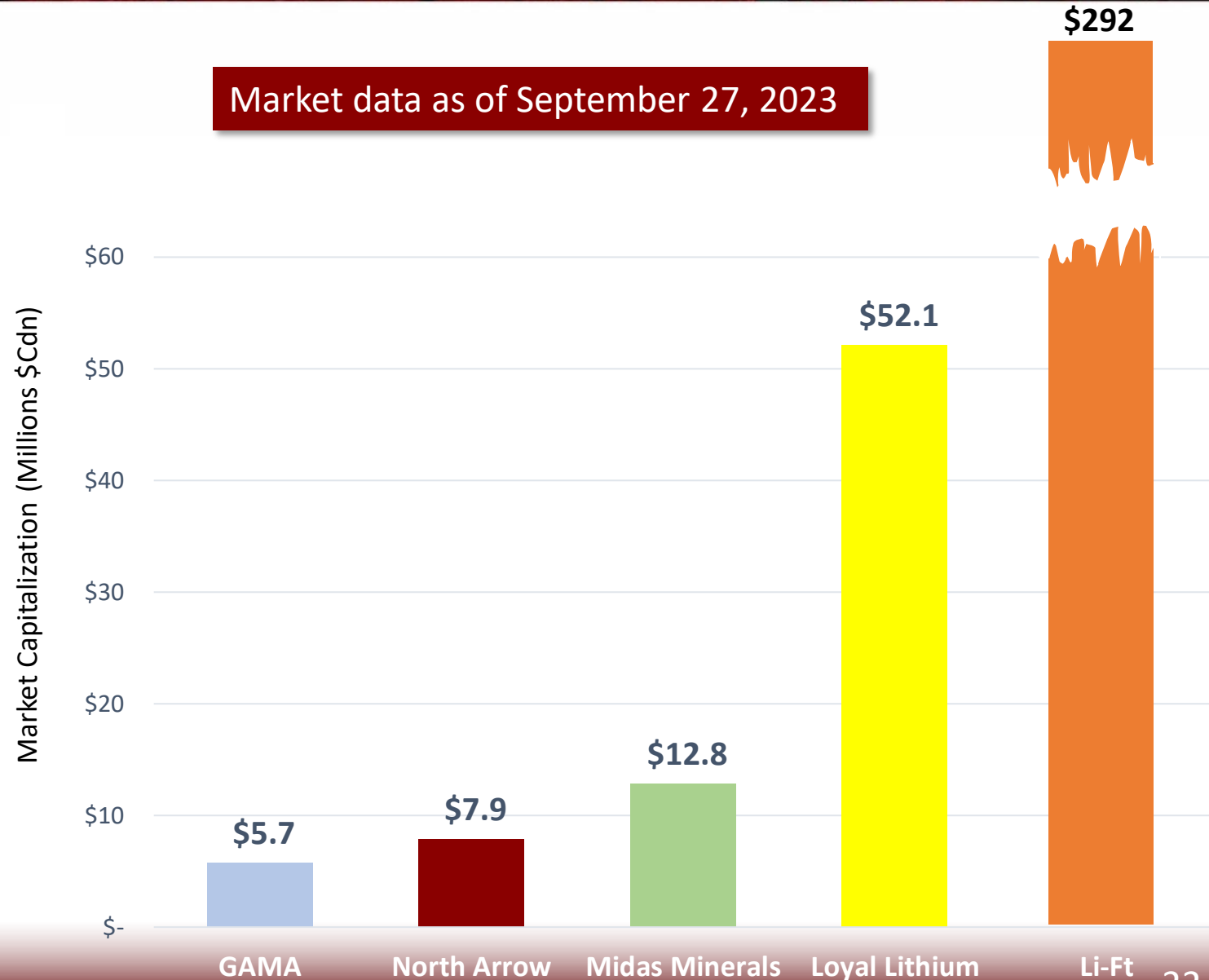
Company	Interest Earned	Acquisition Cost
Li-FT	100%	\$142,920,000
GAMA	100%	\$2,900,000 ¹
Loyal Lithium	60%	\$4,575,000
Midas Minerals	80%	\$11,500,000 ²
North Arrow	100%	\$60,000 ³

¹Includes \$1.5M in exploration expenditures

²Includes \$10M in exploration expenditures

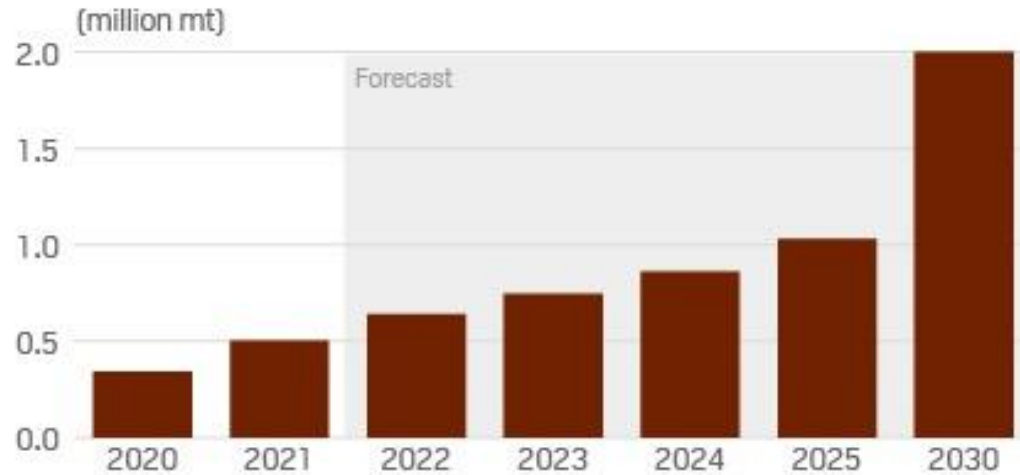
³Three Spodumene pegmatite projects

Market data as of September 27, 2023

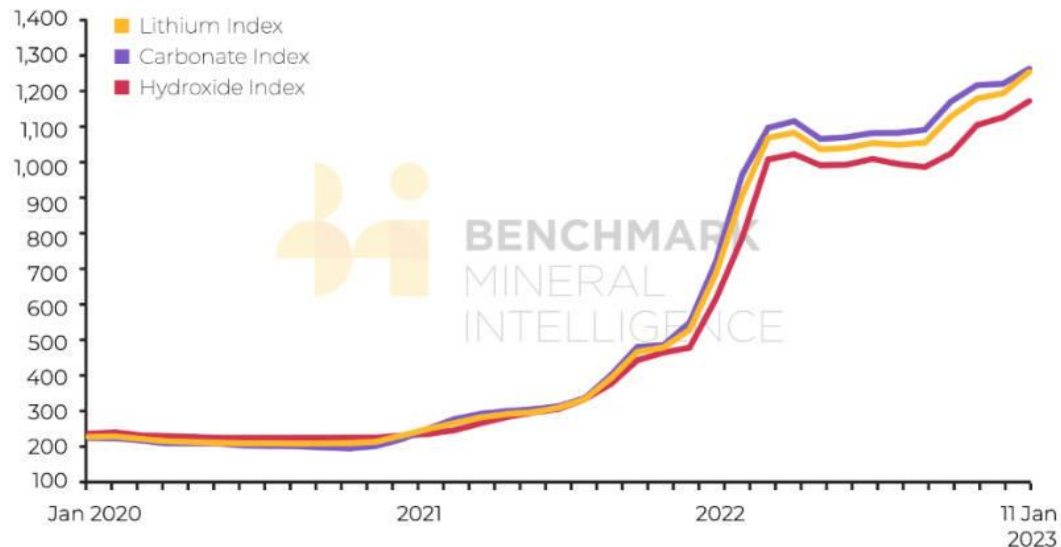


PREDICTED LITHIUM DEFICIT = interest in exploration

LITHIUM DEMAND FORECAST



Benchmark Lithium Price Index



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

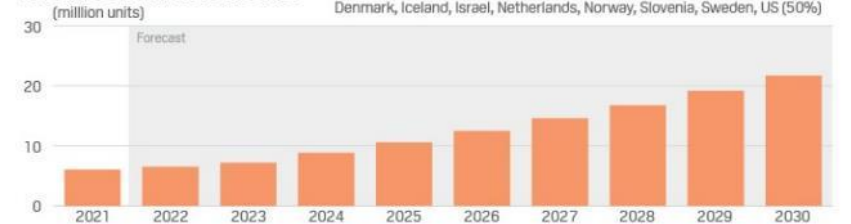
FUTURE LITHIUM DEMAND BY 2030



LITHIUM PRODUCTS AND ASSETS



GLOBAL EVs SALES FORECAST



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



CLOSE TO THE COMMUNITY

Two-time winner of the Nunavut Mining Symposium Corporate Award:

"To recognize the contribution of a mining, exploration, or related company to the economic/social development of a community, region or Nunavut in general."

2018



2022





MILESTONES & CATALYSTS FOR 2023- 2024

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Lithium

Advanced
Diamonds

Discovery
Diamonds

Brownfields
Gold

Project	Milestones / Catalysts	Details
LDG, NT	Li assays through rest of 2023; drilling spring 2024	Exploration camp and drill permit in place; program ongoing mapping, prospecting, sampling and hole spotting for 2024.
Mackay, NT	Li assays through rest of 2023; drilling spring 2024	Exploration camp; drill permit in place by 2024; program ongoing mapping, prospecting, sampling and hole spotting for 2024.
DeStaffany, NT	Drilling Moose 1 and 2 2024	Mineral Characterization work; Initial drill program in summer 2024
Grassroots: Bathurst, NU	Potential JV for 2024 - Discovery of spodumene	Evaluation of known pegmatites for spodumene mineralization
Hope Bay, NU	JV Partnership	Potential earn-in partnership or cash deal
Pikoo (SK); Loki (NT)	Drill Ready	Potential for earn-in partnerships
Naujaat, NU	Diamond evaluation	GIA colour certification; permitting bulk sample

**WEALTH OF
EXPERIENCE**

D. Grenville Thomas (Chairman) Founder of Aber Resources, discoverer of the Diavik Diamond Mine, Nechalacho Rare Earth Deposit; Canadian Mining Hall of Fame.

Ken Armstrong P.Geo. (President, CEO, Director and Qualified Person under NI 43-101) Exploration & evaluation experience w/ Diavik, Aber, De Beers, Navigator, and Stornoway. Current Past-President of NWT & Nunavut Chamber of Mines.

Christopher Jennings (Director) Founder of SouthernEra, consultant to Aber; formerly with International Corona, BP Minerals (Canada) and Falconbridge.

Blair Murdoch (Director) Over thirty years senior management experience of private and public companies.

Torrie Chartier (Director) 20+ years of mineral exploration experience.

Eira M. Thomas (Advisor) Extensive exploration and development experience in Canada and Africa; Director of Suncor and Lucara; former officer & director of Aber and Kaminak.

Allison Rippin Armstrong (Advisor) 20+ years CSR & ESG experience; Ex-Kaminak Gold.

Investing in...

- ❖ A highly experienced team with a pipeline of projects in lithium, gold and diamonds
- ❖ Near term lithium news flow
- ❖ Gold and diamond projects with value upside
- ❖ A company positioned for both strong market demand for lithium and a re-bounce in interest in rough diamond market

TSXV: NAR	As of Sept 27, 2023
Share Price	\$0.045
Market Cap	\$8 M
Issued	175 M
Options	13 M
Warrants	64 M
Fully Diluted	252 M
Insiders/Advisers	~27%



North Arrow

MINERALS INC.

Ken Armstrong
President & CEO

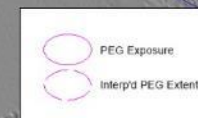
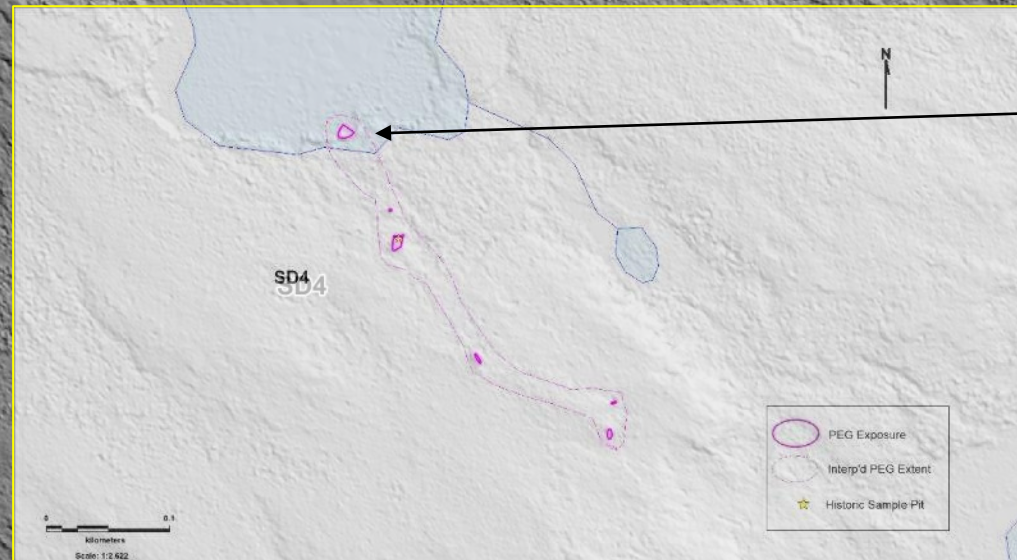
Nick Thomas
*Community and Investor
Relations Manager*

TSXV: NAR

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SD4 PEGMATITE - SPODUMENE

- 5 of 7 representative grab samples from SD4 have returned from 1.10% Li_2O to 2.17% Li_2O .
- Interpreted as steeply dipping (75-80 degrees).
- 10-20 m wide and over 400 m in strike length.



0 0.2
Kilometers
Scale: 1:4,919

