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# Major Spodumene Discoveries in a Promising Ontario District

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December - 2023



# Investment Highlights

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## Two Large Spodumene Discoveries In Same District

- Victory Spodumene Project: up to 5.11% Li<sub>2</sub>O
  - Ear Falls Spodumene Project: up to 4.54% Li<sub>2</sub>O
  - Impeccable infrastructure
- 

## Considerable Milestones Ahead

- Victory Spodumene Project:
    - 32 grab and 28 channel samples pending
    - Drilling
  - Ear Falls Spodumene Project:
    - 115 grab and channel samples pending
    - 240 drill core samples pending
    - Drilling
- 

## More Discovery Opportunities

- 18 projects selected for Phase 2 exploration
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## Experienced Technical Team

- Lawrence Tsang, VP Exploration.
  - Paul Baxter, Senior Field Geologist
  - Graeme Evans, Senior Geologist, Advisor
  - Jason Leblanc & Jace Angell, Senior Prospectors
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## Strong Capital Markets Team

- Allan Frame, President and CEO
  - Alain Lambert, Co-Founder and Capital Markets Advisor
  - Victor Cantore, Co-Founder
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## Compelling Valuation

- \$13.5 M market cap
  - Tight share structure
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# Top Tier Li Performer



## Exploration Team

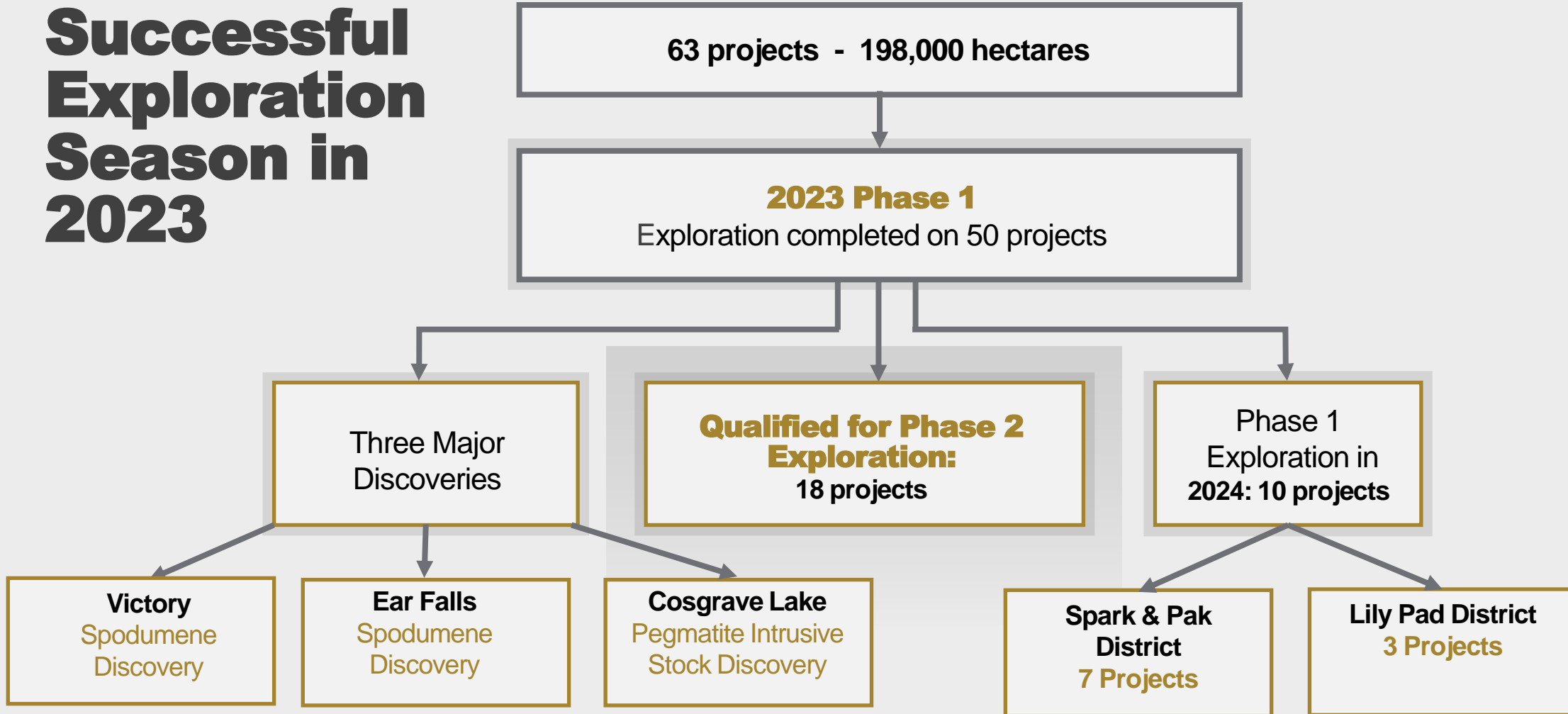
Three major discoveries in six months

## Tight Share Structure

33.8 million shares outstanding



# Successful Exploration Season in 2023



## Two Large Spodumene Discoveries in The Same District

### Victory

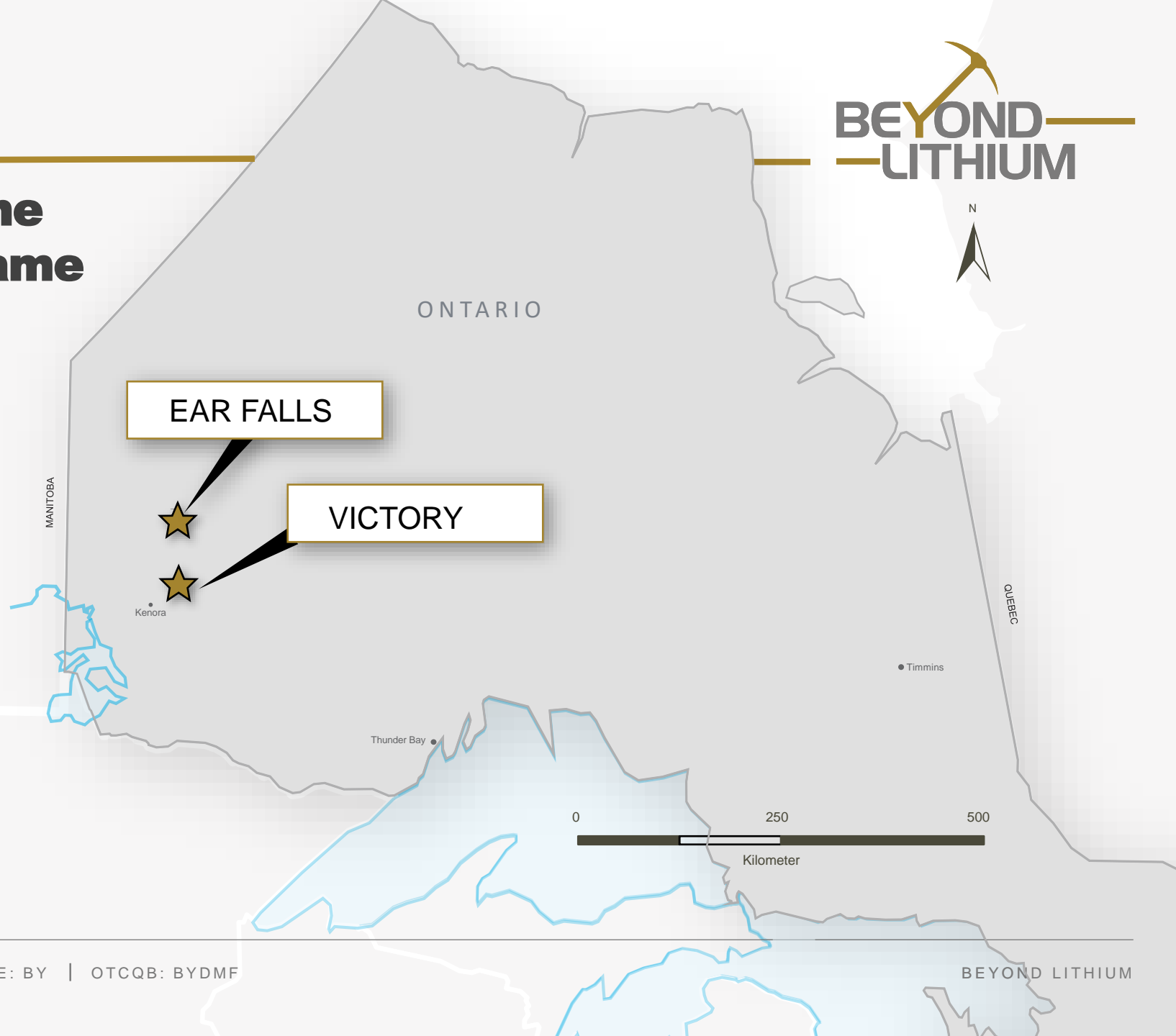
Over 16,000 ha in area located 70 km west of Dryden with excellent infrastructure & grab samples up to 5.11% Li<sub>2</sub>O

### Ear Falls

Over 20,000 ha in area with grab samples returning up to 4.54% Li<sub>2</sub>O located 10 minutes away from the town of Ear Falls

### Excellent nearby infrastructure

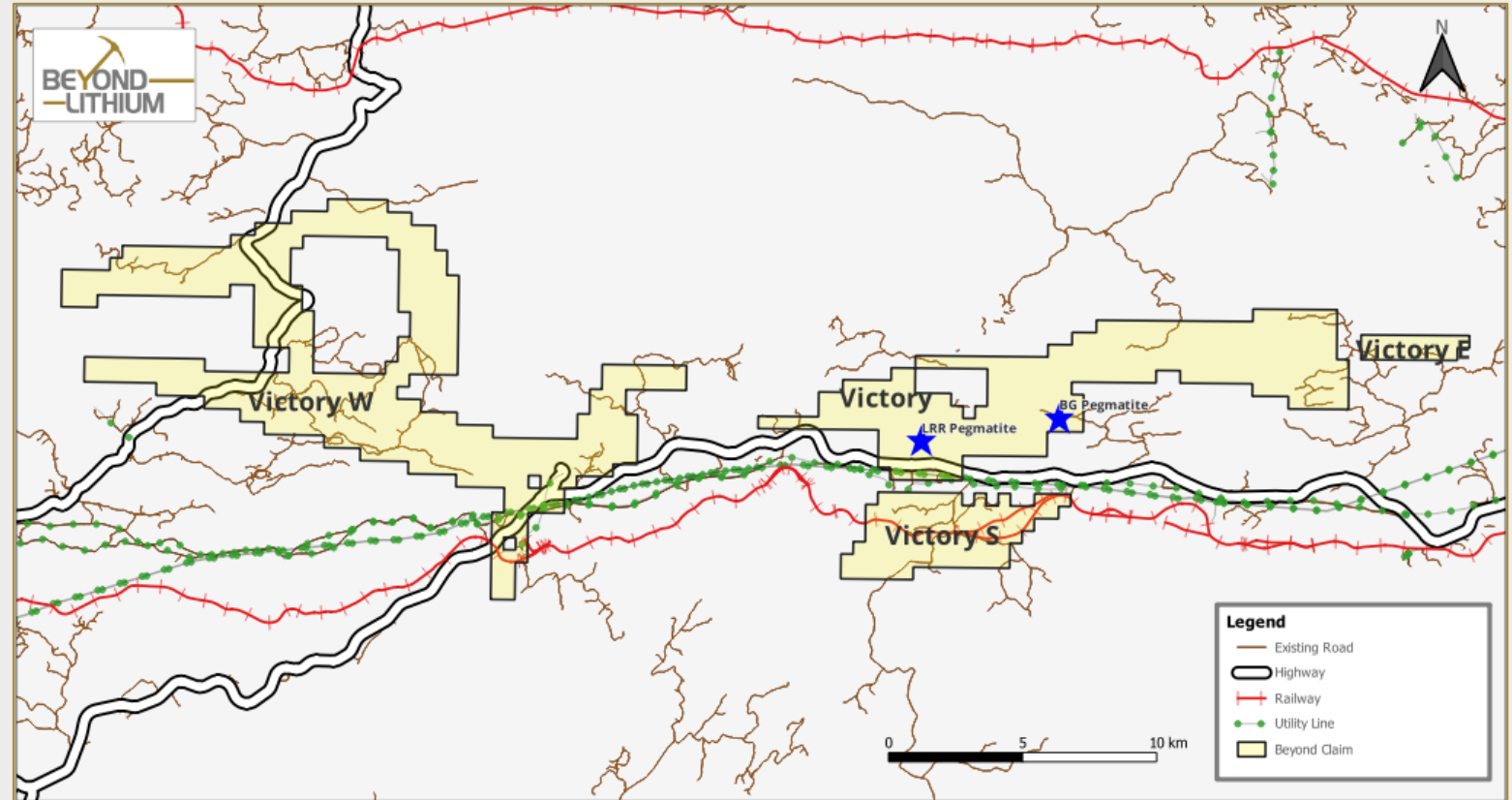
- Major roads, including the Trans-Canada Highway
- Power Line
- CP Rail
- Local Labor Force
- Communication Service



# VICTORY WEST & VICTORY MAIN PROJECTS

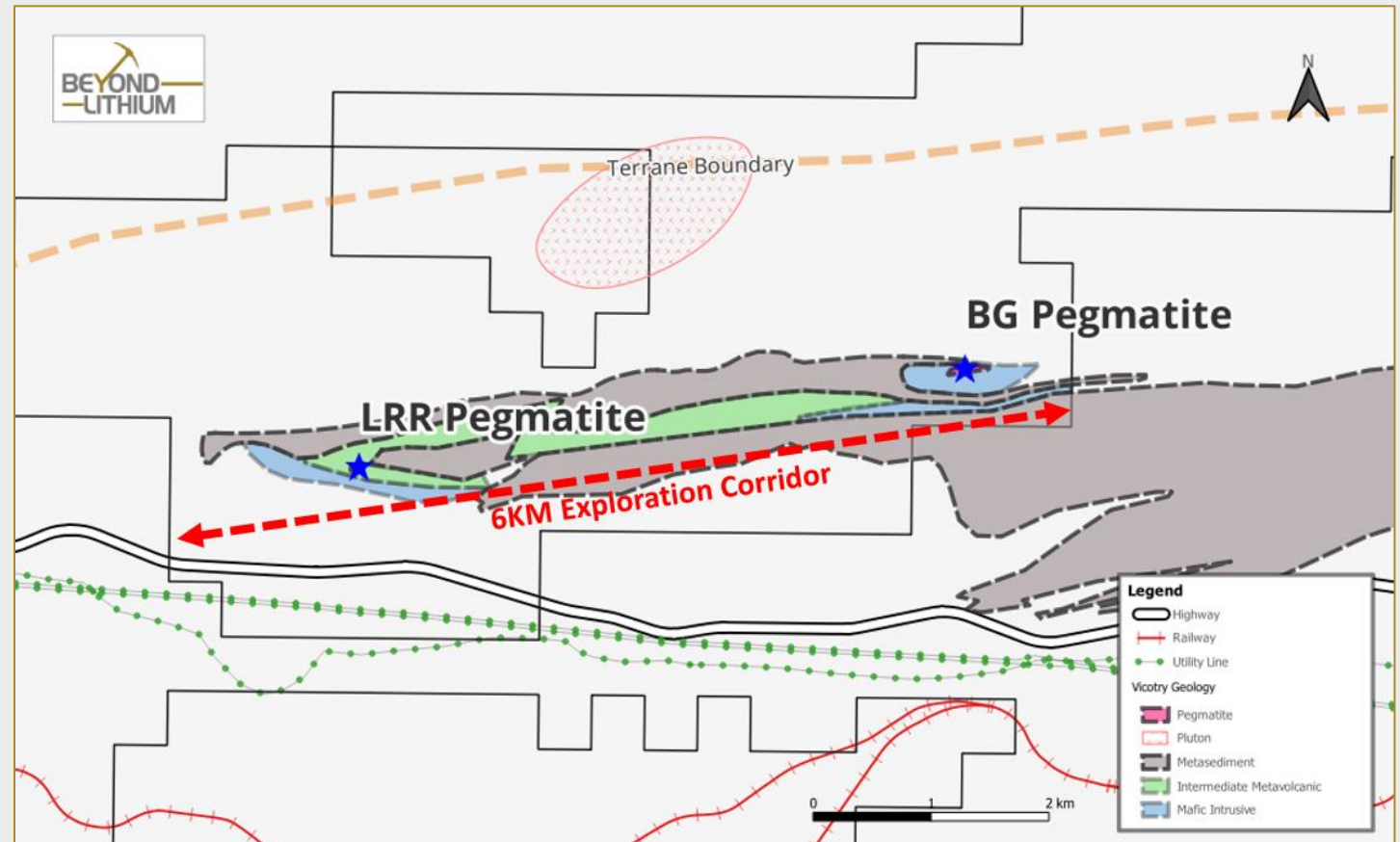


- The Victory West and the Victory Main Projects (together the Victory Project) total over 16,000 ha in area
- Located 40 km east of Kenora and 70 km west of Dryden
- Excellent nearby infrastructure including:
  - Trans-Canada Highway
  - Power Line
  - CP Rail
  - Local Labor Force
  - Communication Service



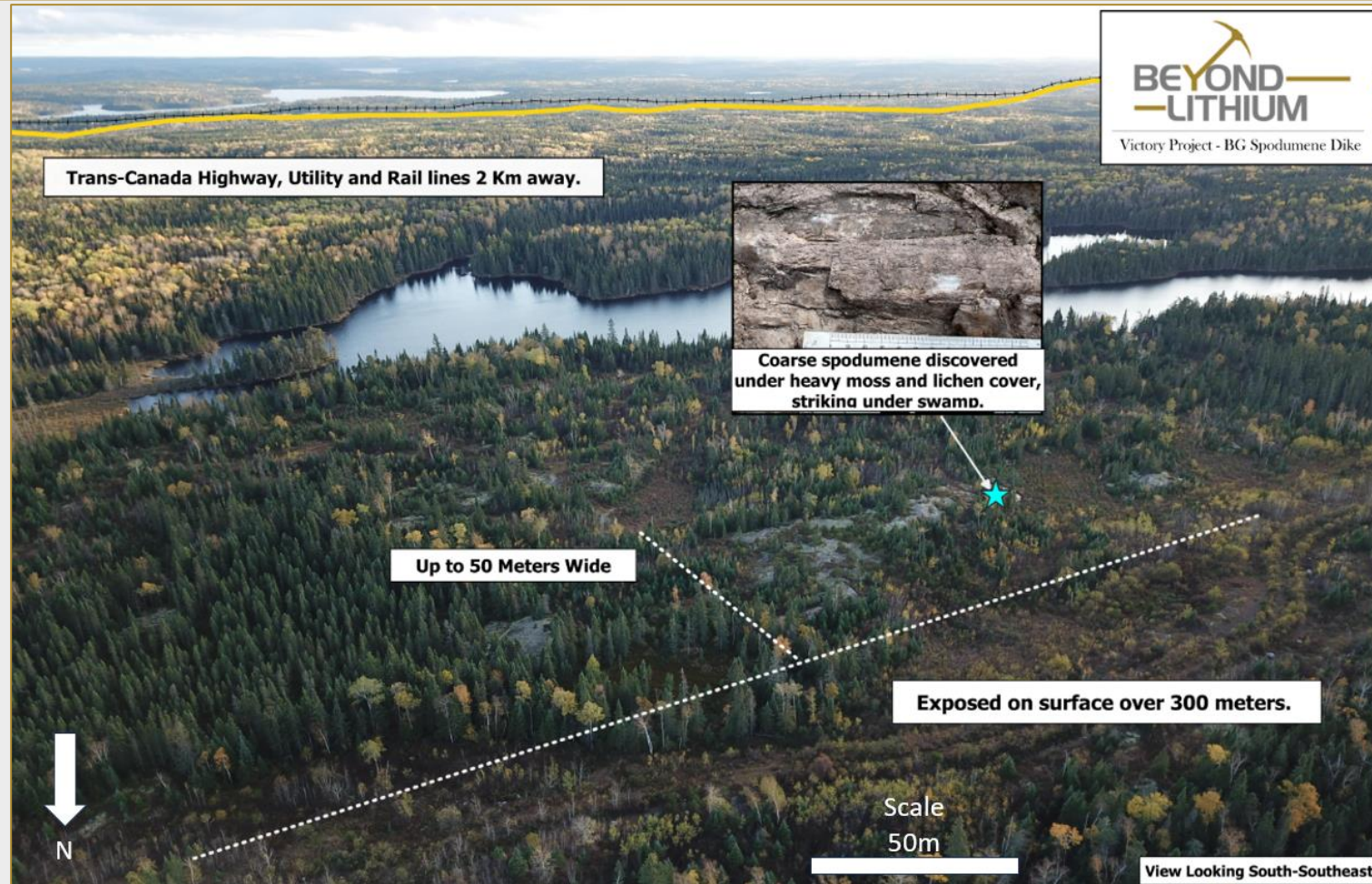
# VICTORY SPODUMENE DISCOVERY

- Two large spodumene bearing pegmatites measured **over 40 to 50 meters in width and traced over 200 to 300 meters along strike**
- Spodumene mineralization up to 50% of the pegmatites in certain areas:
  - Up to **5.11%  $\text{Li}_2\text{O}$**  at LRR Pegmatite
  - Up to **3.48%  $\text{Li}_2\text{O}$**  at BG Pegmatite
- A **6 km long structural corridor** to explore for similar sized spodumene pegmatites (orange dashed polygon)
- Over 140 mapped pegmatites** by Ontario Geological Survey\*



\*Pryslak, A. P. 1976: Geology of the Bruin Lake-Edison Lake Area, District of Kenora; Ontario Div. Mines

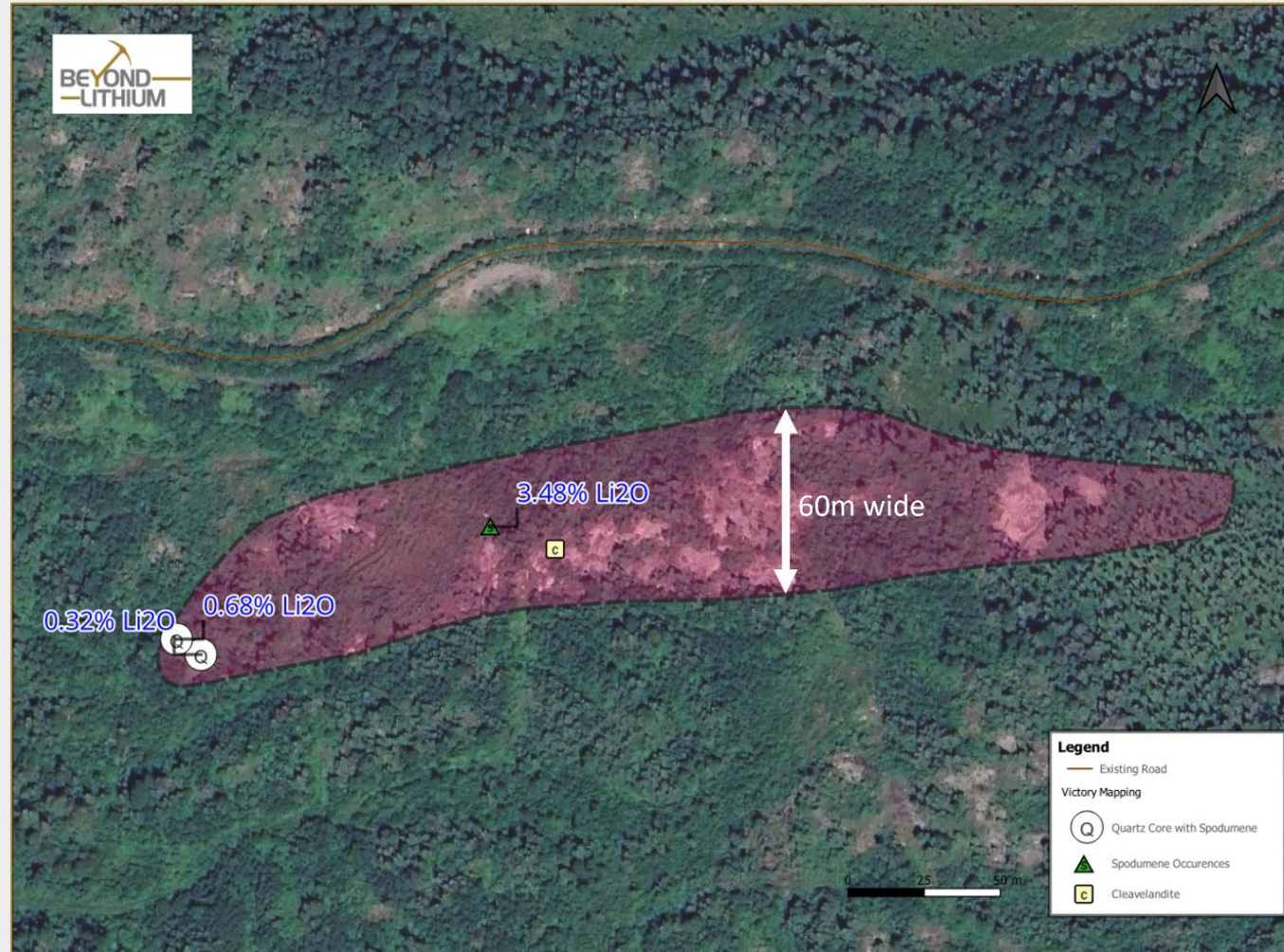
# BOUNTY GOLD SPODUMENE PEGMATITE



Drone Image of the Spodumene Pegmatite Discovered in the Eastern Extent Along the Prospective Zone of the Victory Project

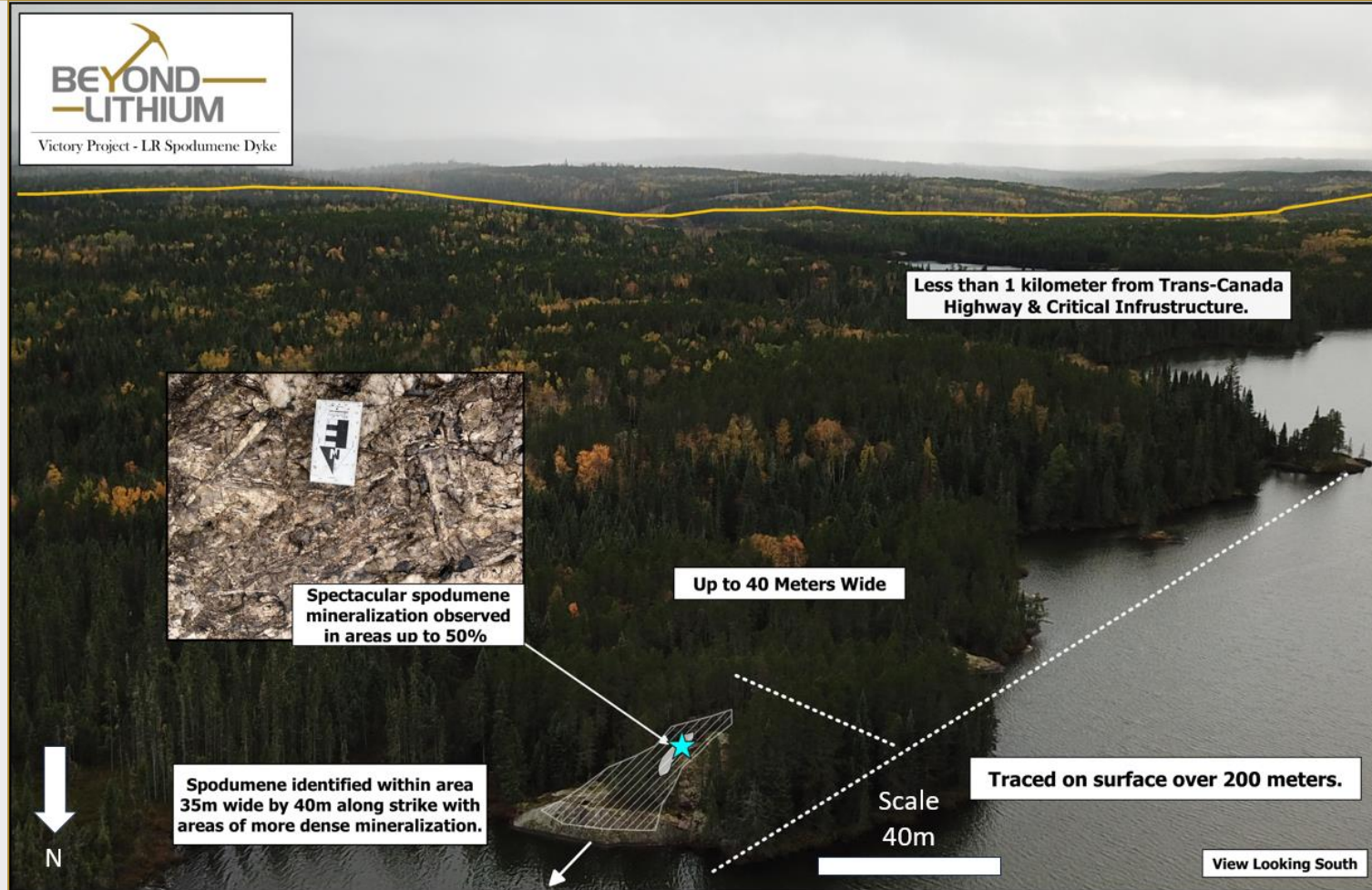


# BOUNTY GOLD SPODUMENE PEGMATITE



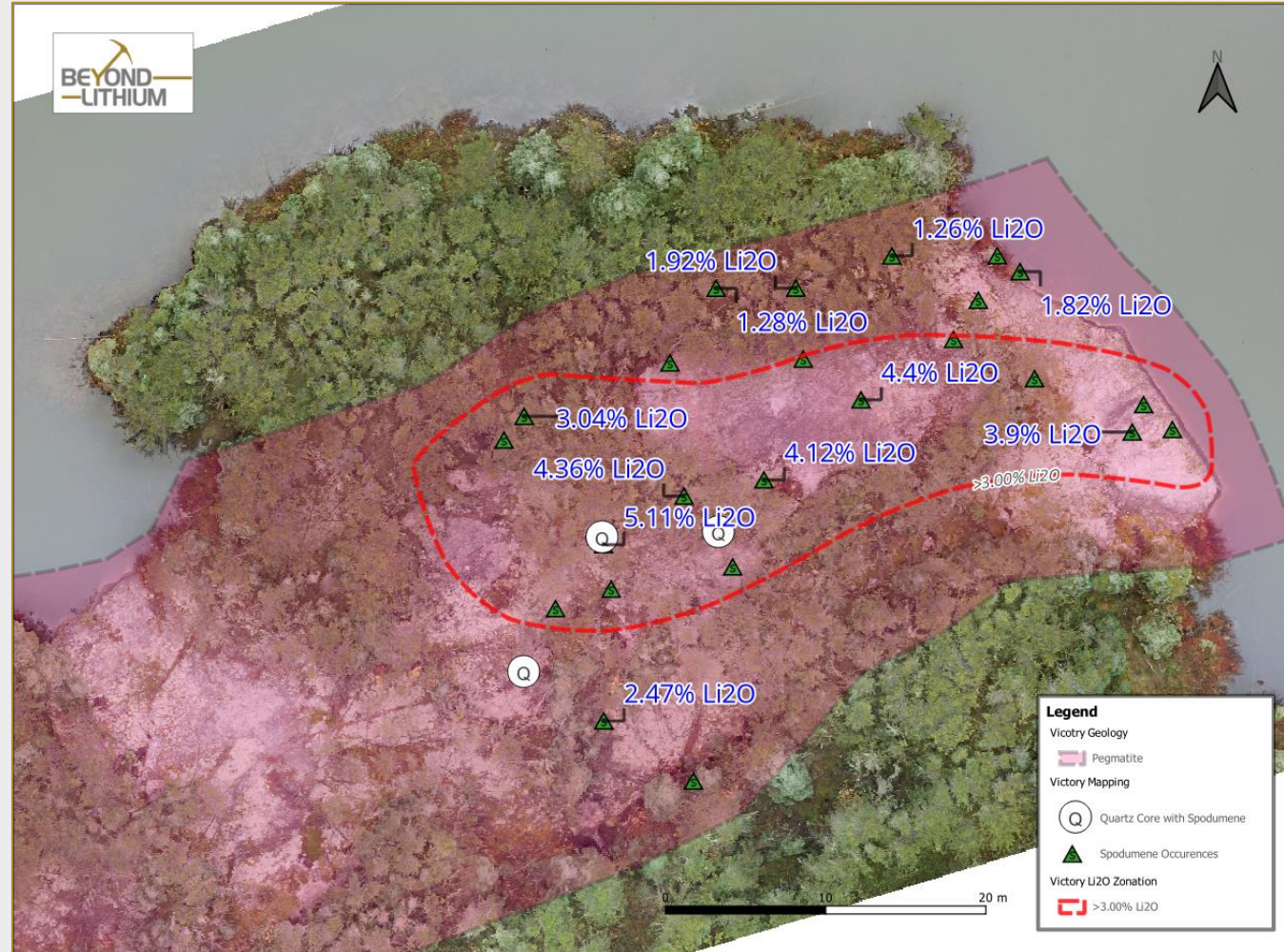
Bounty Gold Spodumene-bearing Pegmatites Geology Map

# LAST RESORT SPODUMENE PEGMATITE



Drone Image of the Spodumene Pegmatite Discovered in the Western Extent Along the Prospective Zone of the Victory Project

# LAST RESORT SPODUMENE PEGMATITE



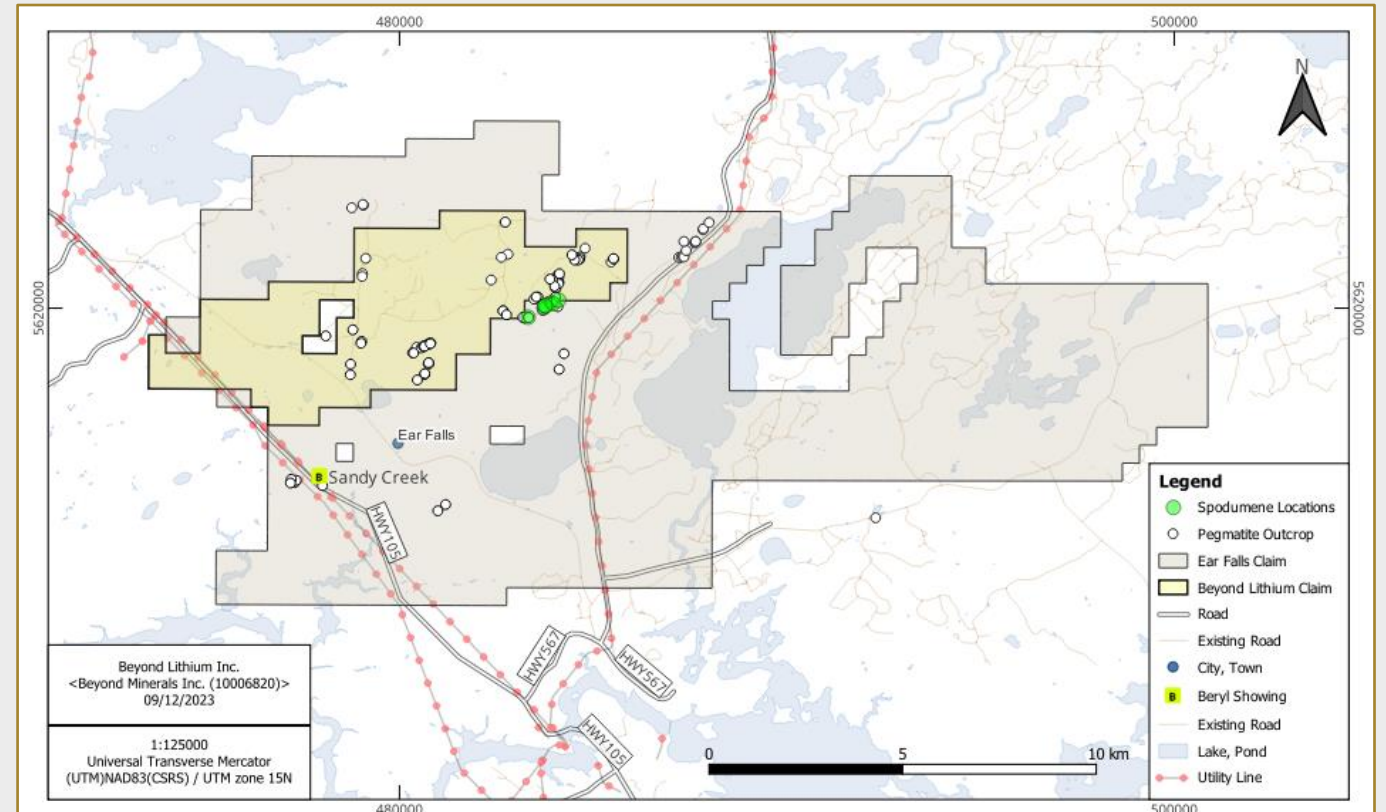
Last Resort Spodumene-bearing Pegmatites Geology Map

# EAR FALLS SPODUMENE DISCOVERY



## Quietly Assembled The Entire District

- Formerly known as the Wenasaga Lake Project
- Renamed Ear Falls Project as it is near the town of Ear Falls with excellent infrastructure including highway, logging roads, power line, supply, equipment etc.
- Expanded the project from the original of 3,375 ha to now **20,623 ha** (~600% expansion)
- Cash cost per hectare: \$7.98 + 293,333 shares
- Eight different deals, three months

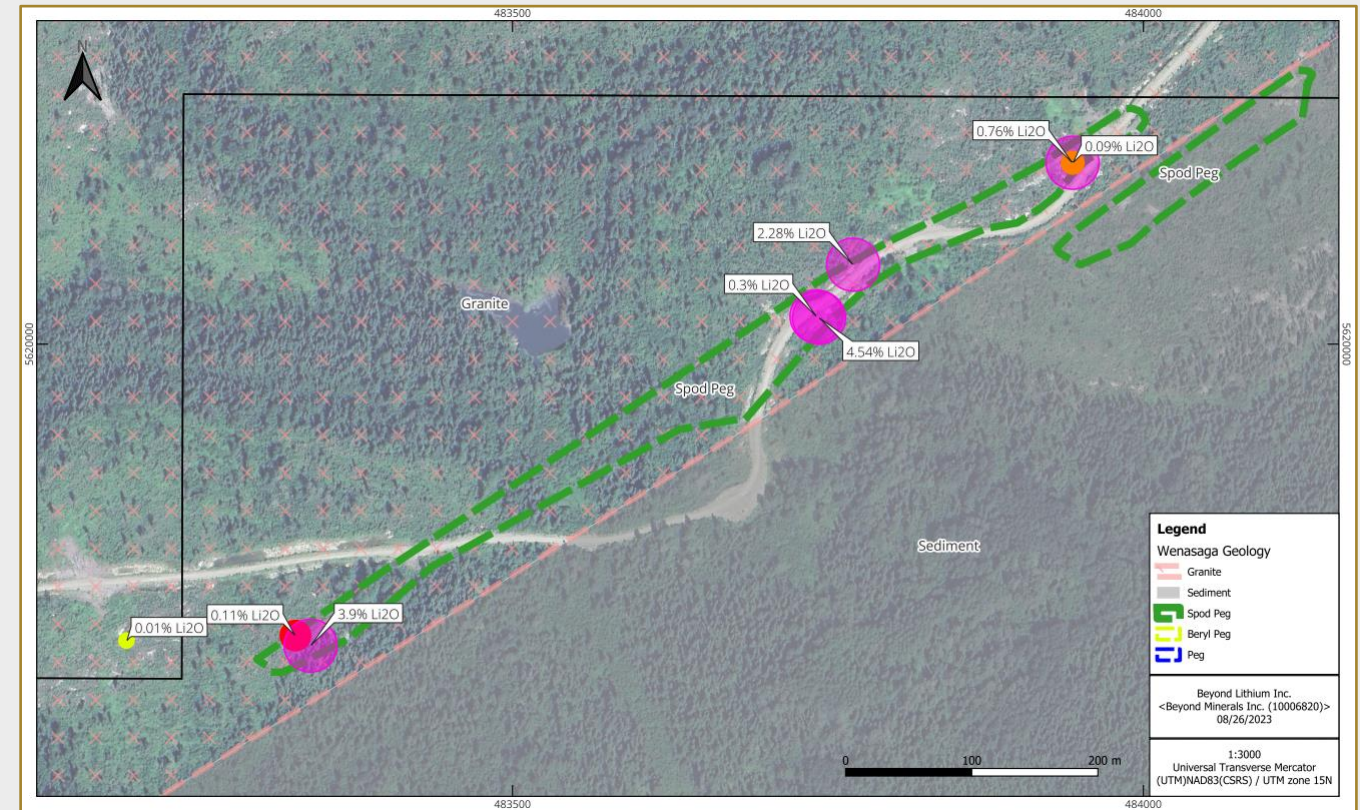


# EAR FALLS SPODUMENE DISCOVERY



- **Discovered** spodumene-bearing pegmatite zone
- The discovered spodumene-bearing pegmatites are located along a structurally controlled zone of 3 km in strike length, open in all directions.
- Favorable geology and a highly fractionated sample located 2 km northeast of the new discovery spodumene zone
- The spodumene zone lies within a **13-km-long exploration corridor** following the granite-metasediment contact
- Spodumene pegmatite samples **Li<sub>2</sub>O** ranging from **0.76% to 4.54%** and cesium ranging from 32.83 ppm to 68.97 ppm

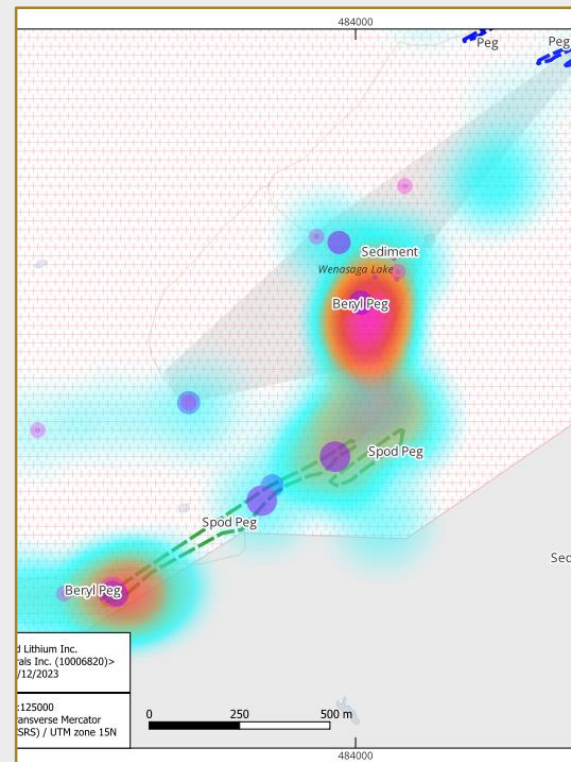
## Spodumene Pegmatites Discovery



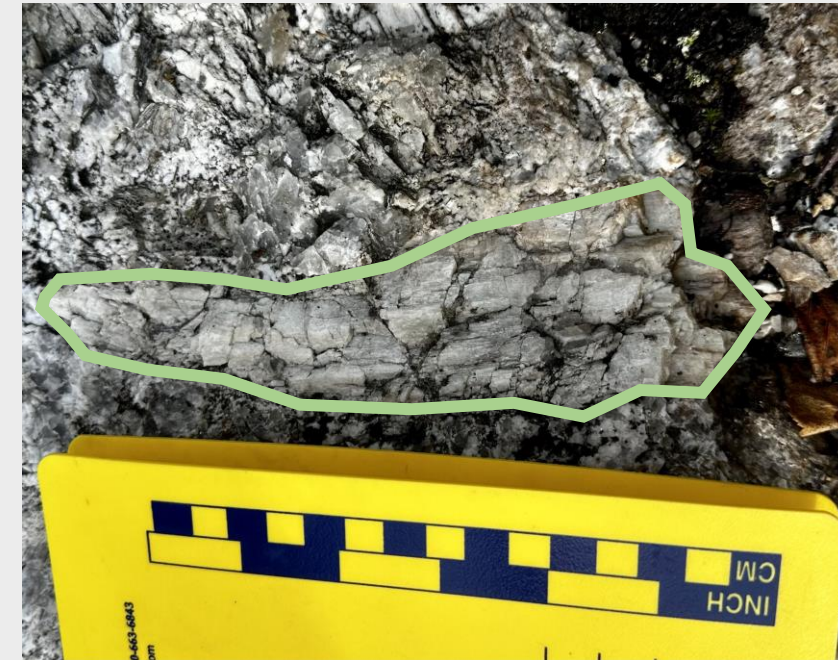
# EAR FALLS SPODUMENE DISCOVERY

- Stripping and drilling programs completed in November
- 98 channel samples and over 240 drilling samples pending
- LIBS can light up beryl and spodumene → higher Li, Cs, Be, Ta areas
- Spodumene: elongated and prismatic greenish white mineral (pyroxene)
- Noticed the transition from high intensity garnet to spodumene zone based on field observation
- Beryl zonation usually associated with large quartz pods similar to Victory

## Libs and Assays



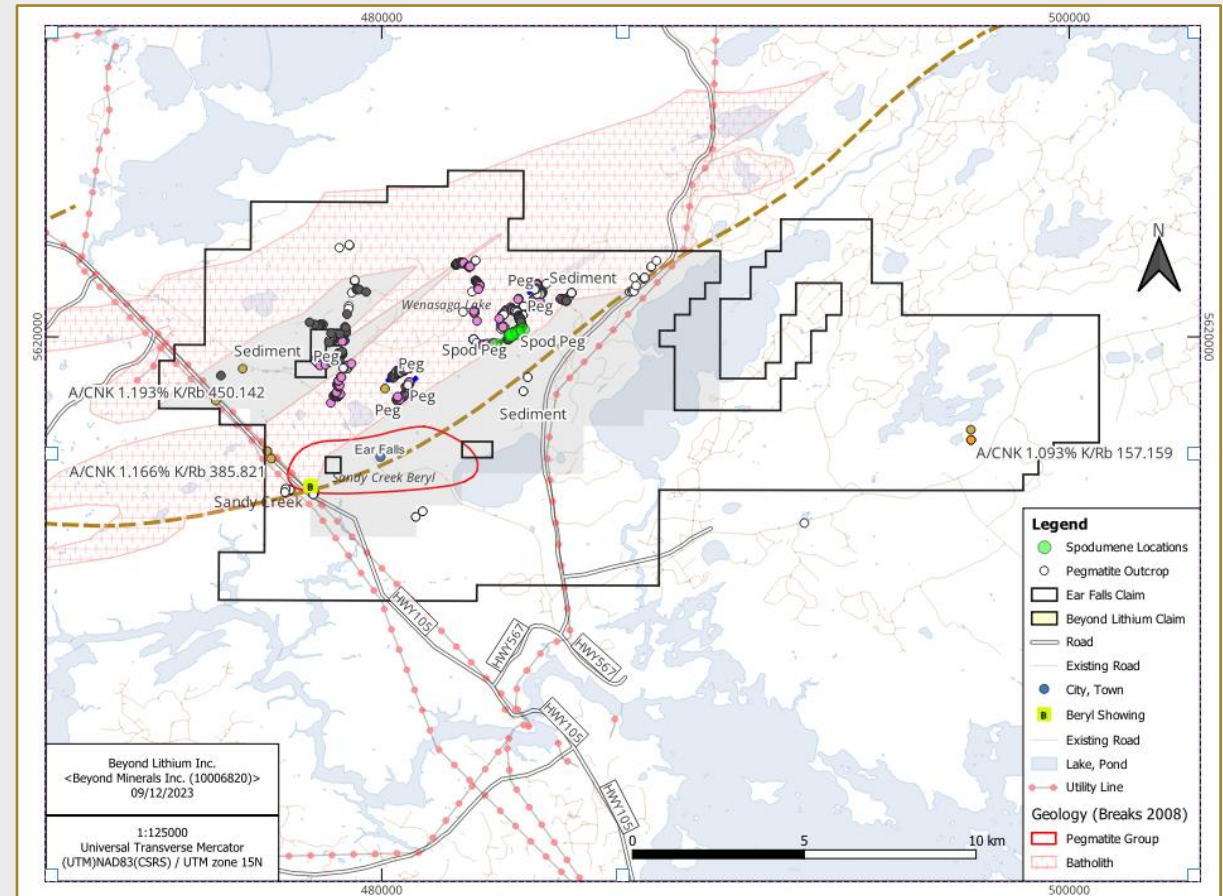
## Spodumene Crystal up to 10-15cm long



# EAR FALLS SPODUMENE DISCOVERY

## Exploration Targets

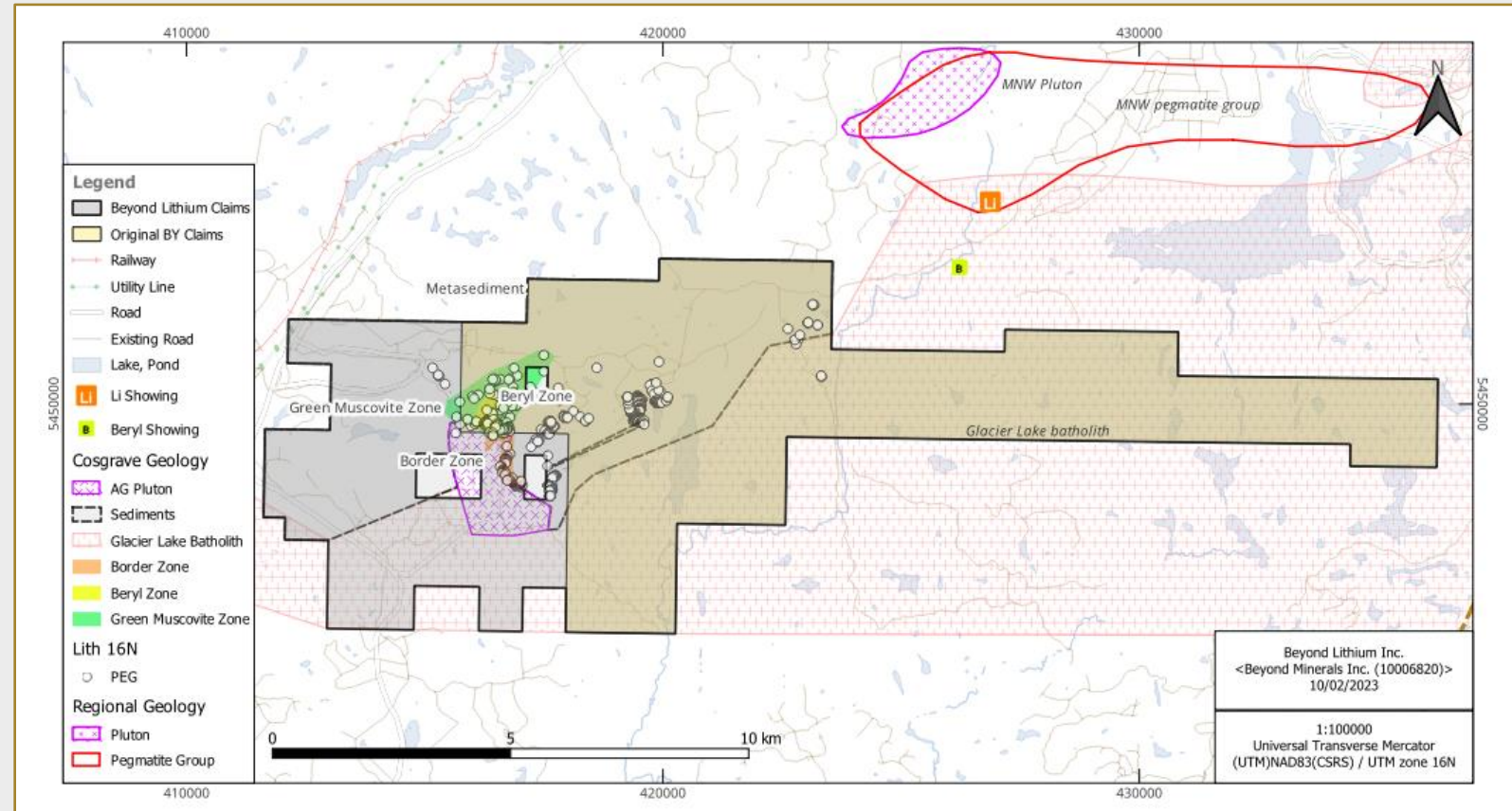
- Continue to explore along the Sandy Creek beryl pegmatite to spodumene pegmatite to look for subparallel zone (13 km)
- Regional structure/fault subparallel with the spodumene zone to the SE
- Subparallel metasedimentary-batholith contact to the NW of the spodumene zone
- Regional samples show ACNK >1.1 to 1.2% → close to fertile pluton, possible another system?



# COSGRAVE LAKE AG PLUTON DISCOVERY



- Discovered the **Allen Graeme Pluton** (“AG Pluton”) at the Cosgrave Lake Project
- The AG Pluton is over 320 ha in size – the source of LCT fractionation and mineralization
- Expanded the Cosgrave Lake Project from 7,388 ha to 8,993 ha through staking
- Phase 2 Program so far mapped an additional of 55 new pegmatites and collected 71 more samples and located:
  - Up to 0.39%  $\text{Li}_2\text{O}$  and 2.77% Mn pegmatite grab sample with green muscovite and alluaudite – **proximal to the spodumene-zone**





# COSGRAVE LAKE EXPLORATION PROGRESS

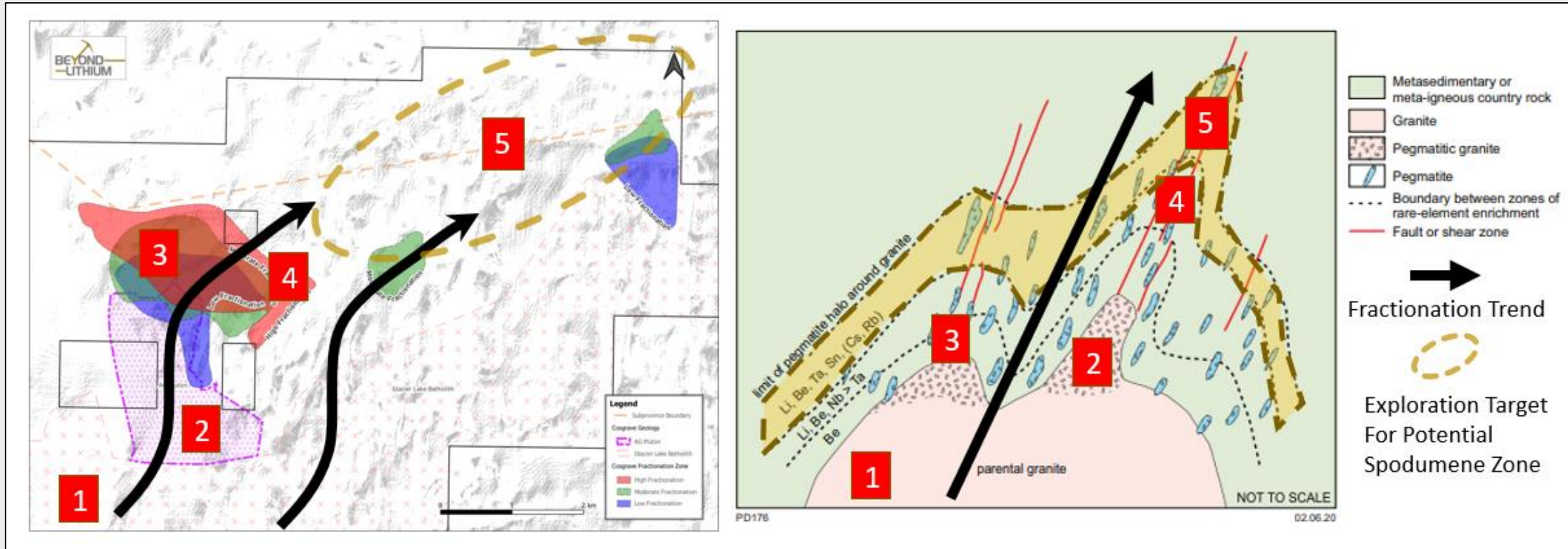
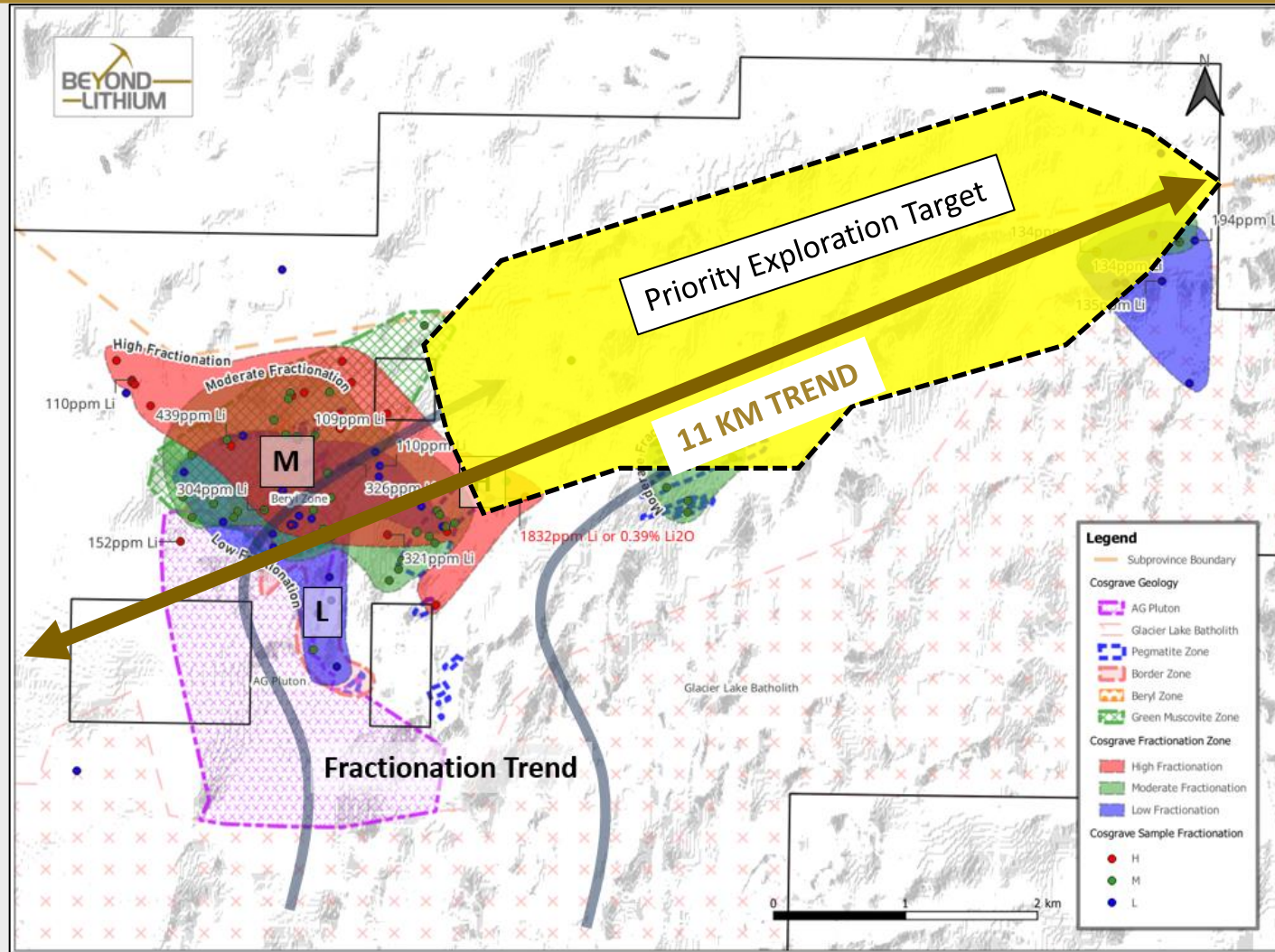


Figure (left) Cosgrave Lake Project Geological Map in relation to LCT Pegmatite Fractionation and Deposit Model; Figure (right) Typical LCT Pegmatite Fractionation and Deposit Model

- Mapped and delineated the mineral's zonation and fractionation trend (brown arrow) from the Ghost Lake batholith as the source (1) to the AG Pluton (2) to the Beryl zone (3) and now into the green Muscovite zone (4) vectoring towards the northeast area to explore for the potential lithium bearing zone (5)

# COSGRAVE LAKE PROPERTY EXPLORATION



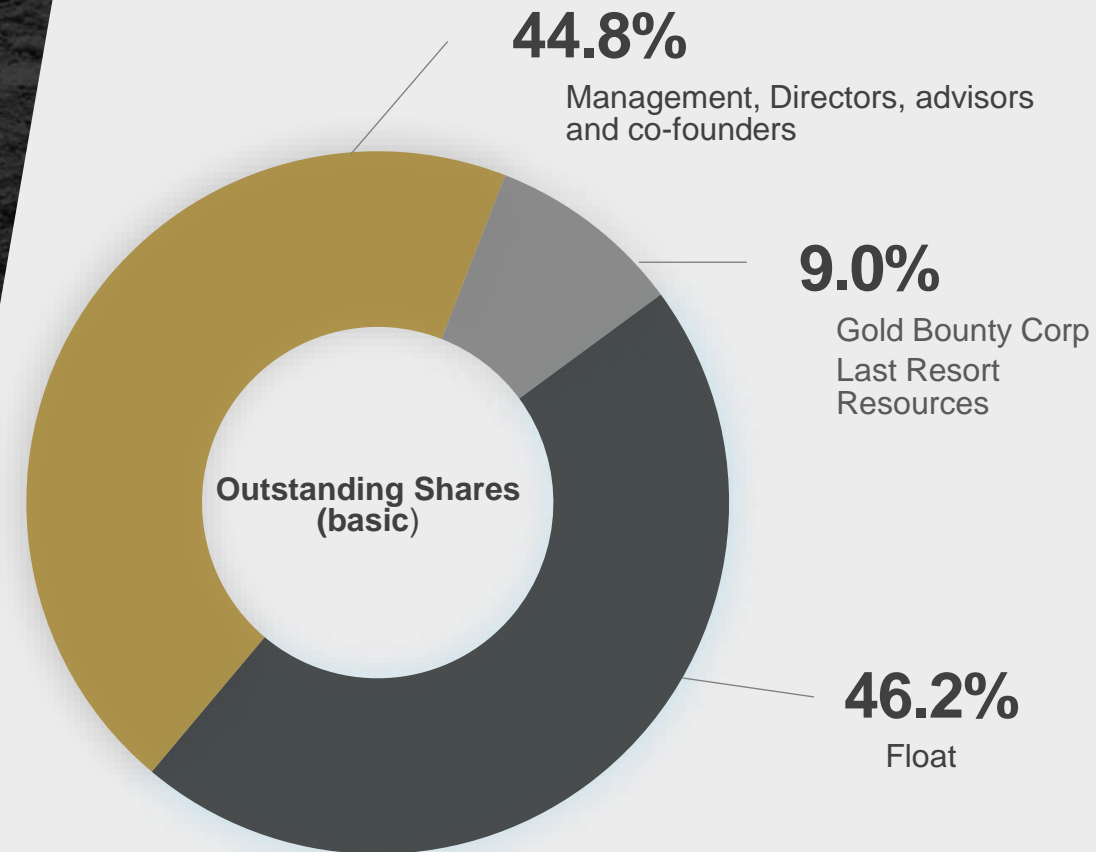
# Capitalization Structure

## Cap Table

Management, directors, advisors and co-founders	15,183,333
Gold Bounty Corp & Last Resort Resources	3,048,750
Float	15,642,399
<b>Outstanding (basic) 3,673,333</b>	<b>33,874,482</b>
Agents options (*)	512,764
Warrants (**)	4,636,666
Officers, directors and advisors options (*)	2,240,000
Sub total:	7,389,430
<b>Outstanding (fully diluted)</b>	<b>41,263,912</b>

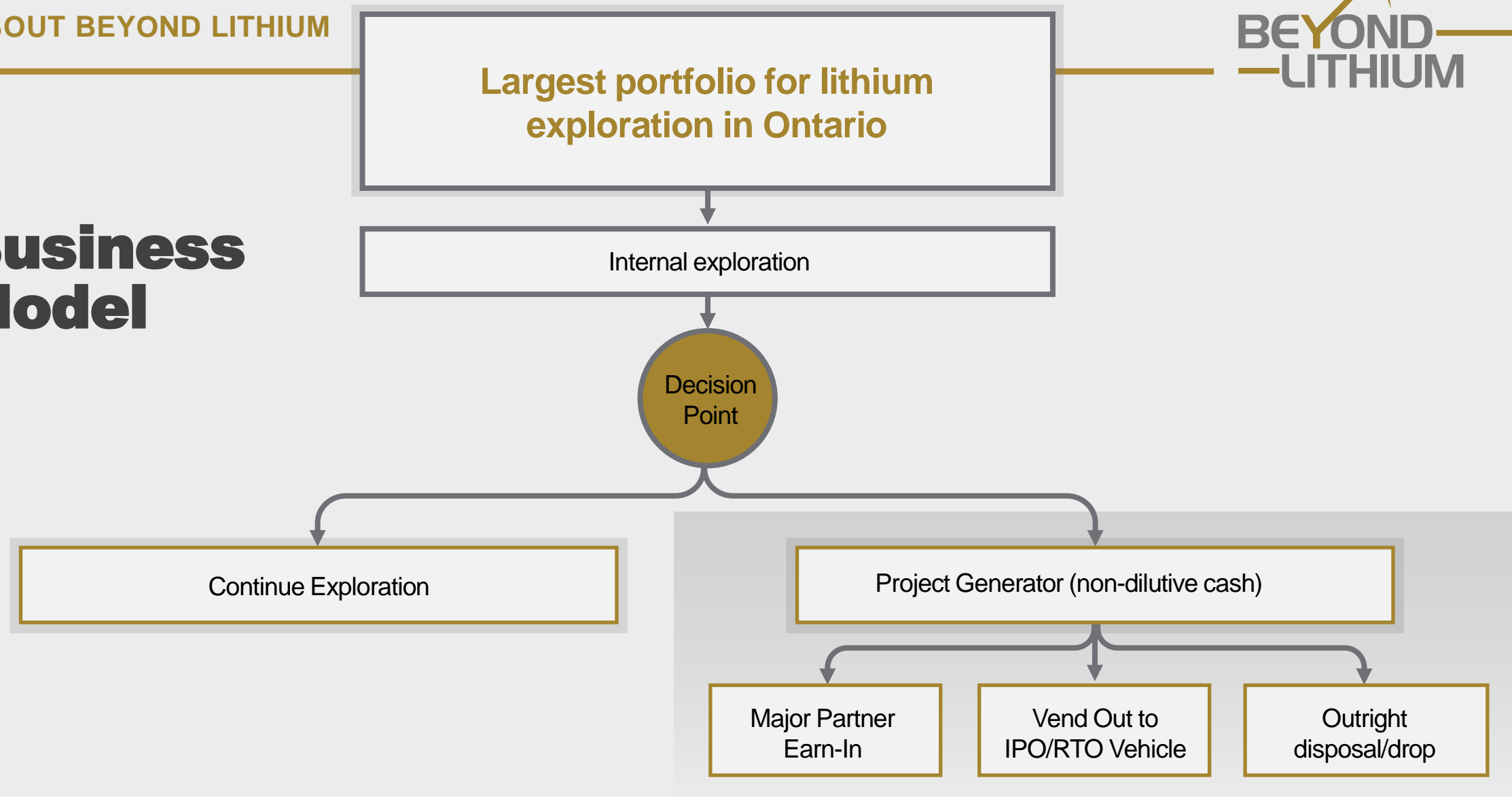
(\*) VWAP \$0.27 per share

(\*\*) VWAP \$0.32 per share



## Supplemental Information

# Business Model



# PHASES 1 & 2 IN ACTION



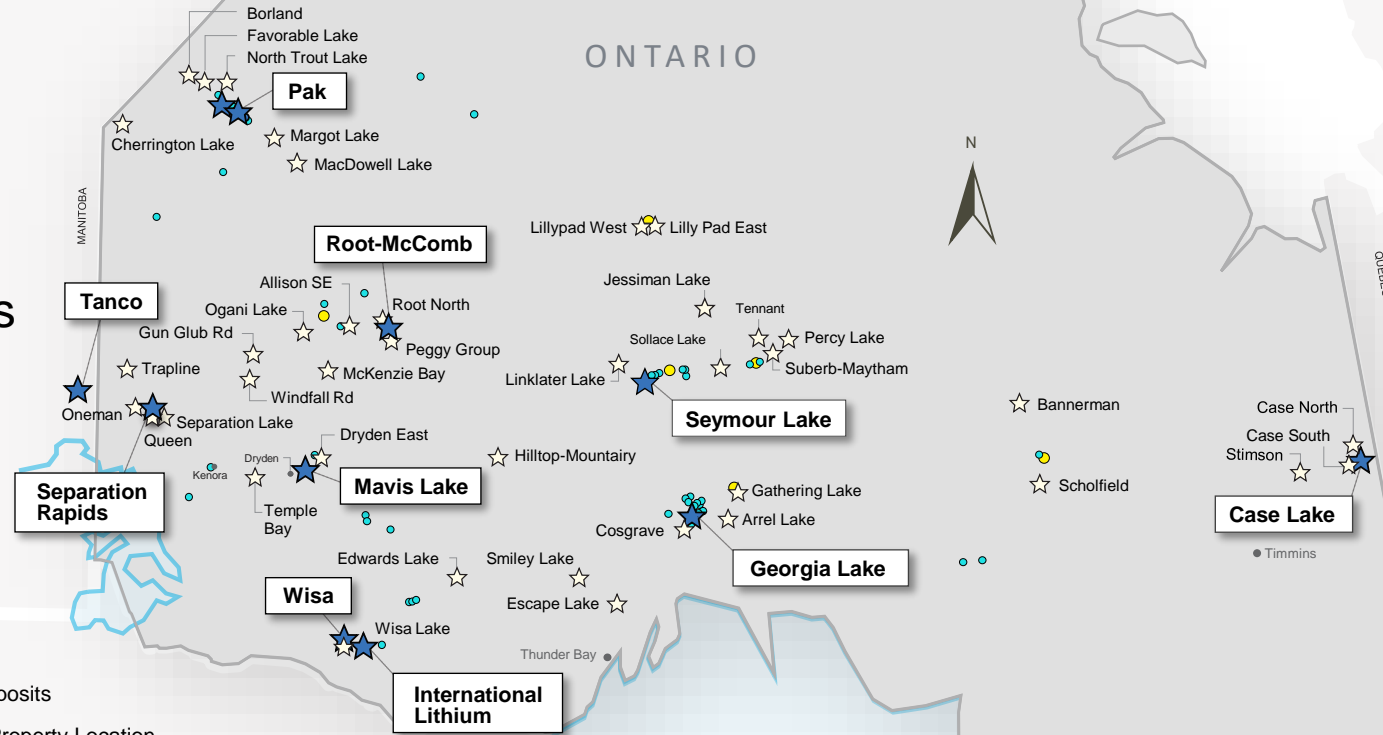
Ear Falls – Channel Sampling Spodumene Pegmatite



Superb Lake – Prospecting and Mapping the Area

# Properties Across Ontario

- 63 lithium exploration properties
- 198,000 hectares
- Two large spodumene discoveries
- One large pluton discovery
- 18 other properties selected for Phase 2 exploration



**LEGEND**

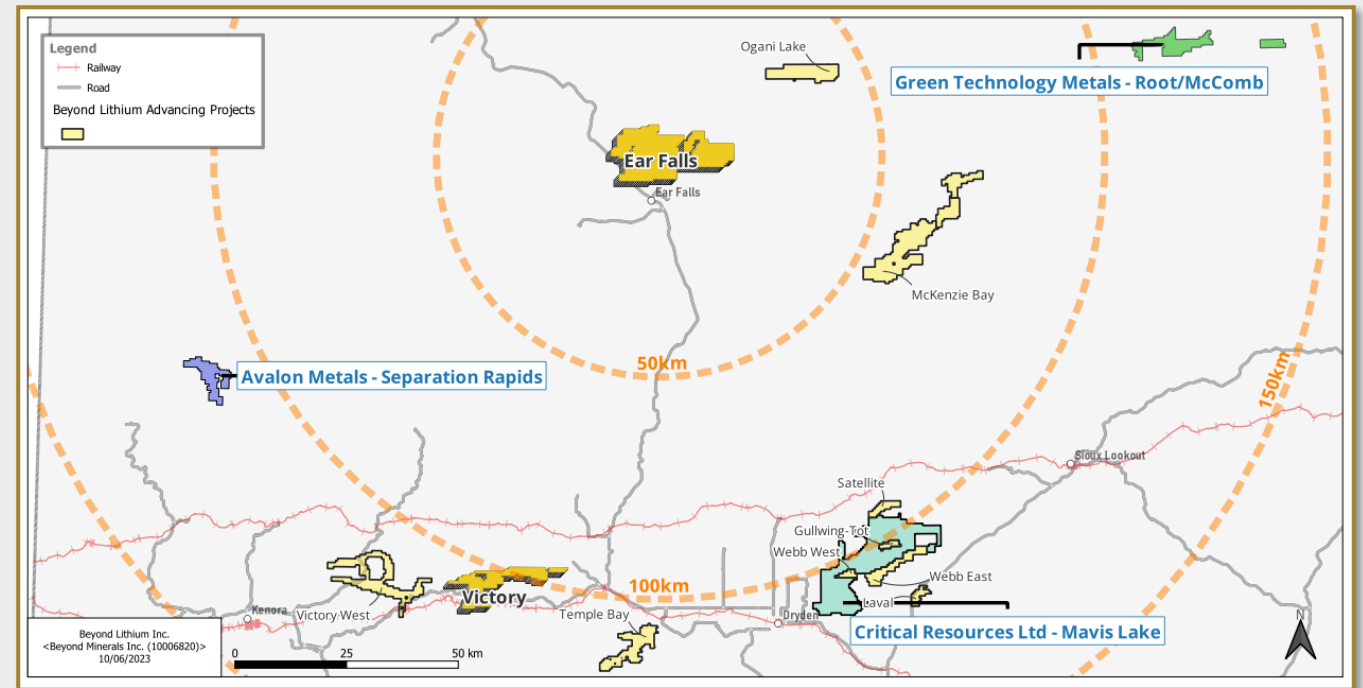
- ★ Major Lithium Deposits
- ☆ Beyond Lithium Property Location
- Significant Lithium Occurrences
- Lithium – Ontario Mineral Inventory
- Registered Mining Claims

# VICTORY & EAR FALLS DISTRICT



The **Victory & Ear Falls District** is located within 100 km of three regionally significant lithium deposits:

- the Mavis Lake Lithium deposit owned by Critical Resources Ltd. (ASX: CRR) with 8 Mt at 1.07% Li<sub>2</sub>O<sup>1</sup>
- the Separation Rapids Lithium deposit owned by Avalon Advanced Materials (TSX: AVL) with a PEA of the pre-tax NPV (8% discount rate) calculated at C\$156 million and the IRR at 27.1%<sup>2</sup>
- the Root and McComb Lithium deposit owned by Green Technologies Metals (ASX: GT1) with 12.6 Mt at 1.21% Li<sub>2</sub>O<sup>3</sup>
- Beyond Lithium has the Victory & Ear Falls Spodumene Projects in the district together with eight other projects moving to Phase 2 exploration (Satellite, Laval, Gullwing-tot, Webb East, Webb West, Temple Bay, Ogani Lake, and McKenzie Bay)



1 Critical Resources Limited (ASX: CRR), Mavis Lake. <https://www.criticalresources.com.au/our-projects/mavis-lake-lithium-project/>

2 Avalon Advanced Materials (TSX: AVL), Separation Rapids. [https://www.avalonadvancedmaterials.com/projects/separation\\_rapids/](https://www.avalonadvancedmaterials.com/projects/separation_rapids/)

3 Green Technology Metals (ASX: GT1), Root/McComb. <https://www.greentm.com.au/root-project>

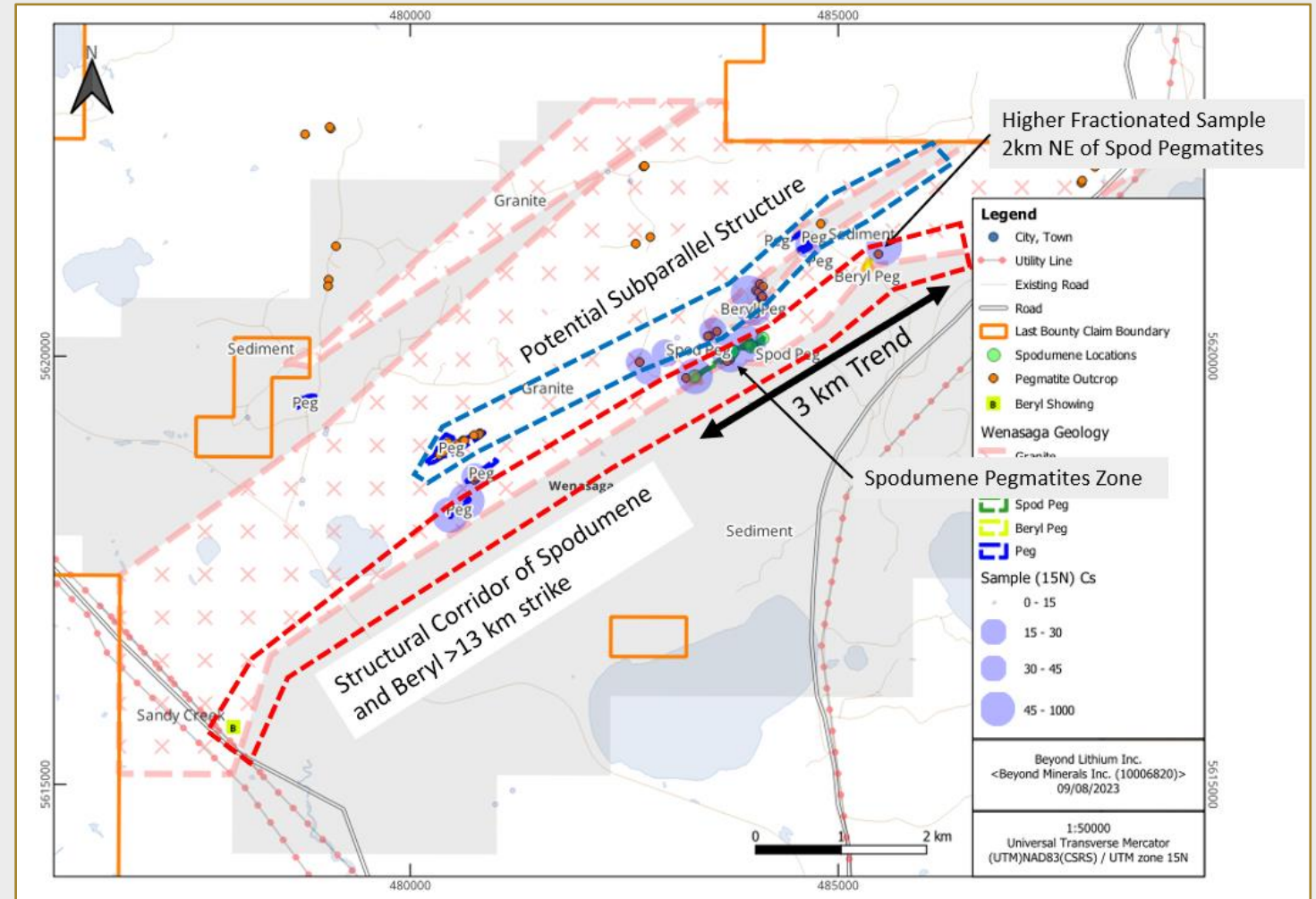


# EAR FALLS SPODUMENE DISCOVERY



## Regional Exploration Targets

- The 13 km structural corridor with elevated lithium in metasediment and granite (outlined in red dashed polygon)
- Subparallel structure or metasediment and granite contact (outlined in blue dashed polygon) supported by Phase 2 mapping and elevated assays in Cesium and elevated Li LIBS data

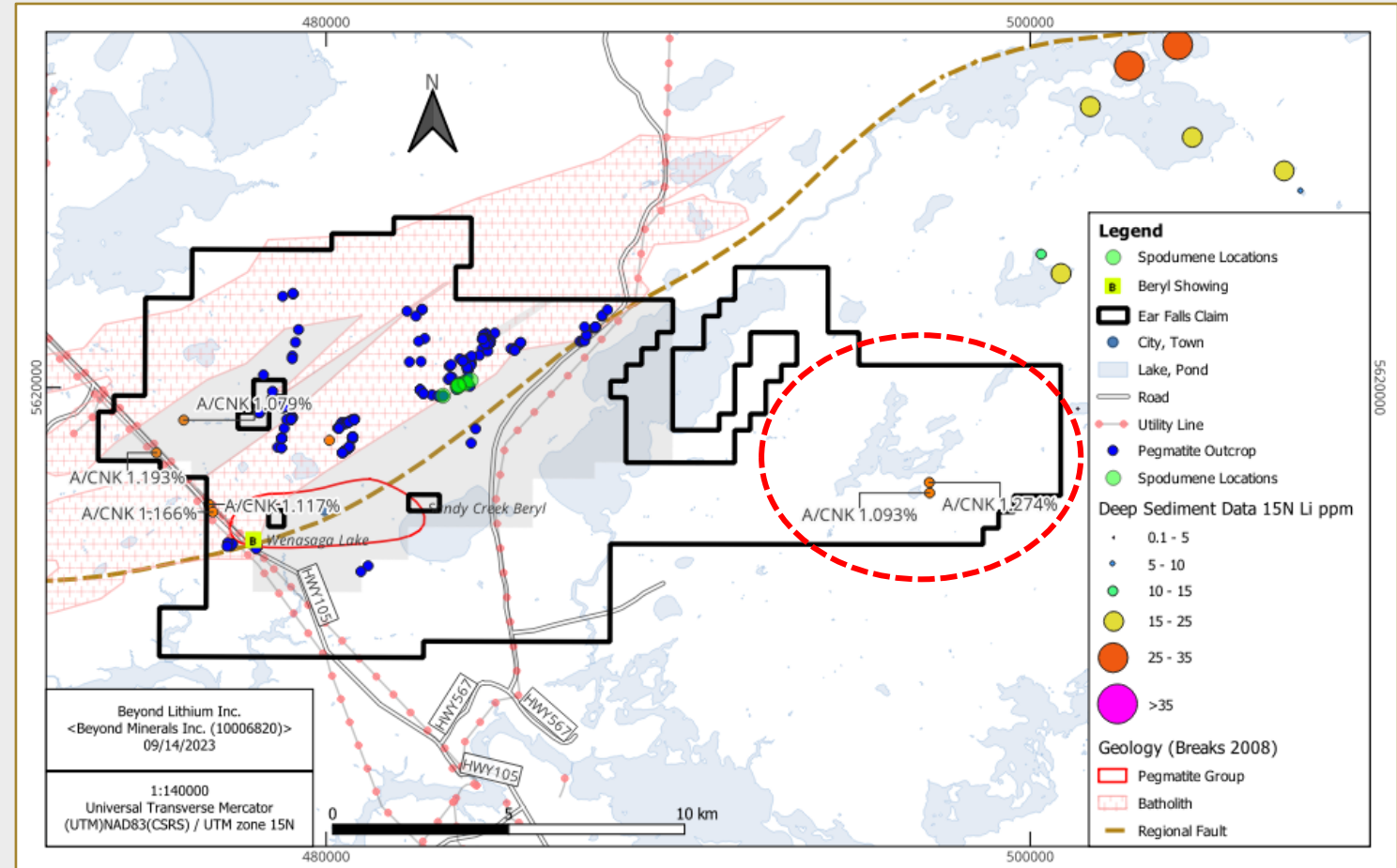


# EAR FALLS SPODUMENE DISCOVERY



## Regional Exploration Targets

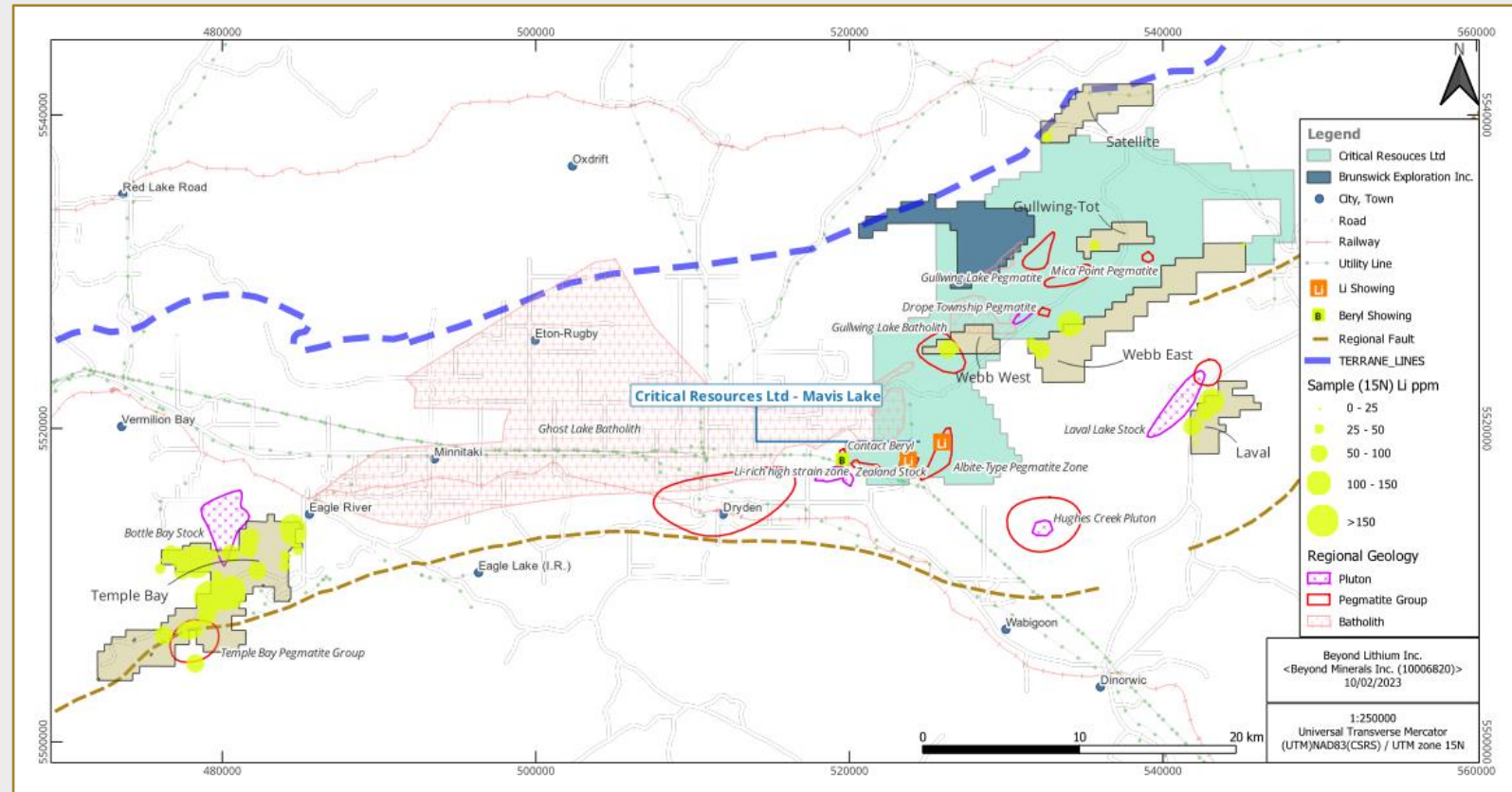
- The regional subparallel fault zone along metasediment and another granitic to mylonitic host rock (the brown dashed polyline)
- The eastern expansion of the Ear Fall Project with samples collected by Ontario Geological Survey >1.1% A/CNK ratio suggesting the presence of a different fertile pluton on the Project (outlined by red dashed circle)



# DRYDEN-MAVIS LAKE DISTRICT PHASE 2 PROJECTS



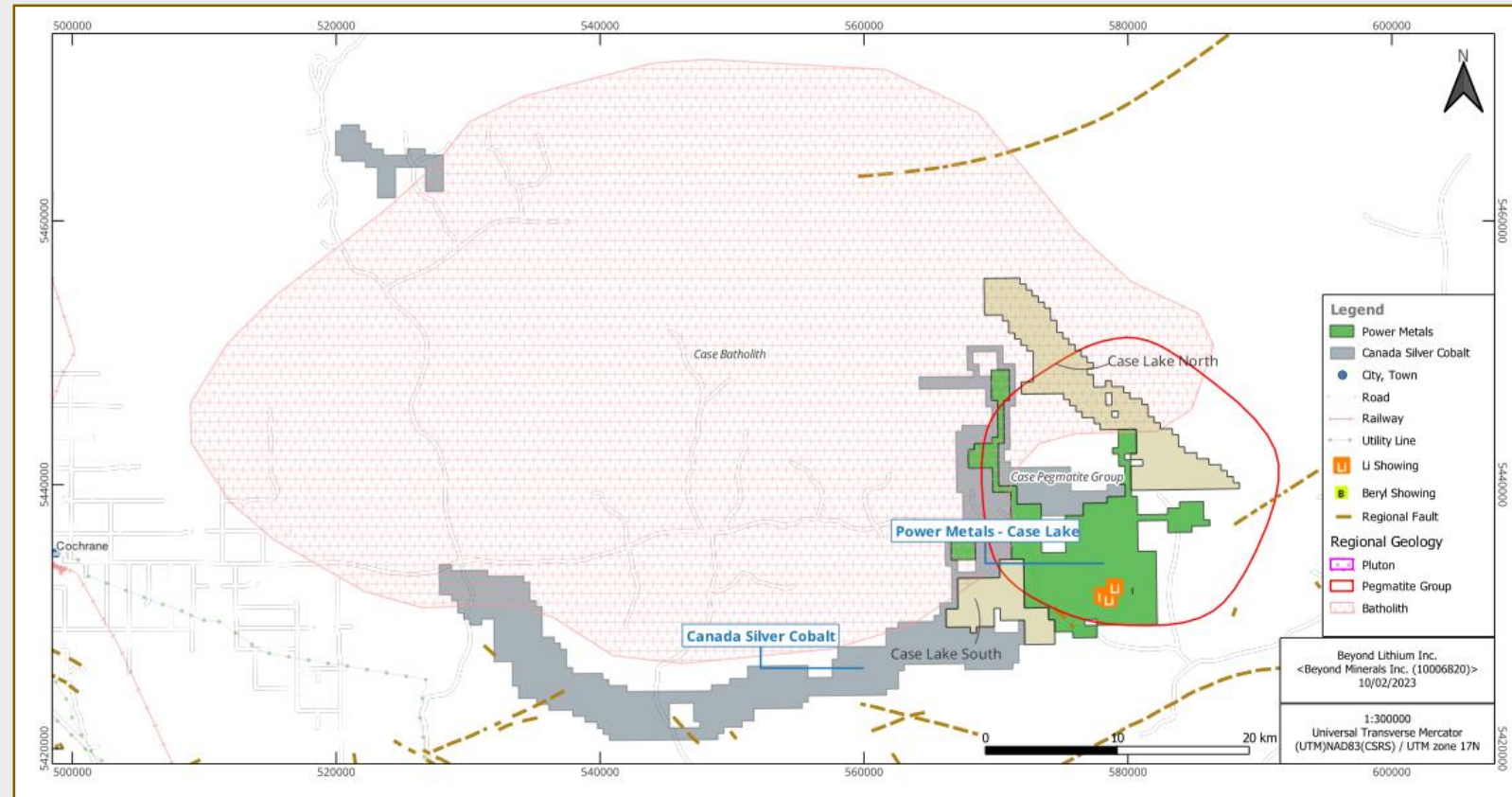
- Advancing all 6 Projects totaling 11,664 ha in area to Phase 2 exploration in the Dryden-Mavis Lake District
- Temple Bay (5,111 ha), Satellite (1,287 ha), Gullwing-Tot (645 ha), Webb West (624 ha), Webb East (2,955 ha), and Laval (1,042 ha) are located close to the town of Dryden and to Critical Resources Ltd.'s (ASX: CRR) Mavis Lake Lithium Project with a defined resources of 8Mt @ 1.07% Li<sub>2</sub>O
- Favorable geological setting with fertile plutons in proximity to the 6 projects
- Elevated lithium in samples aligned on trend with the regional structure NE-SW trend



# CASE LAKE DISTRICT PHASE 2 PROJECTS



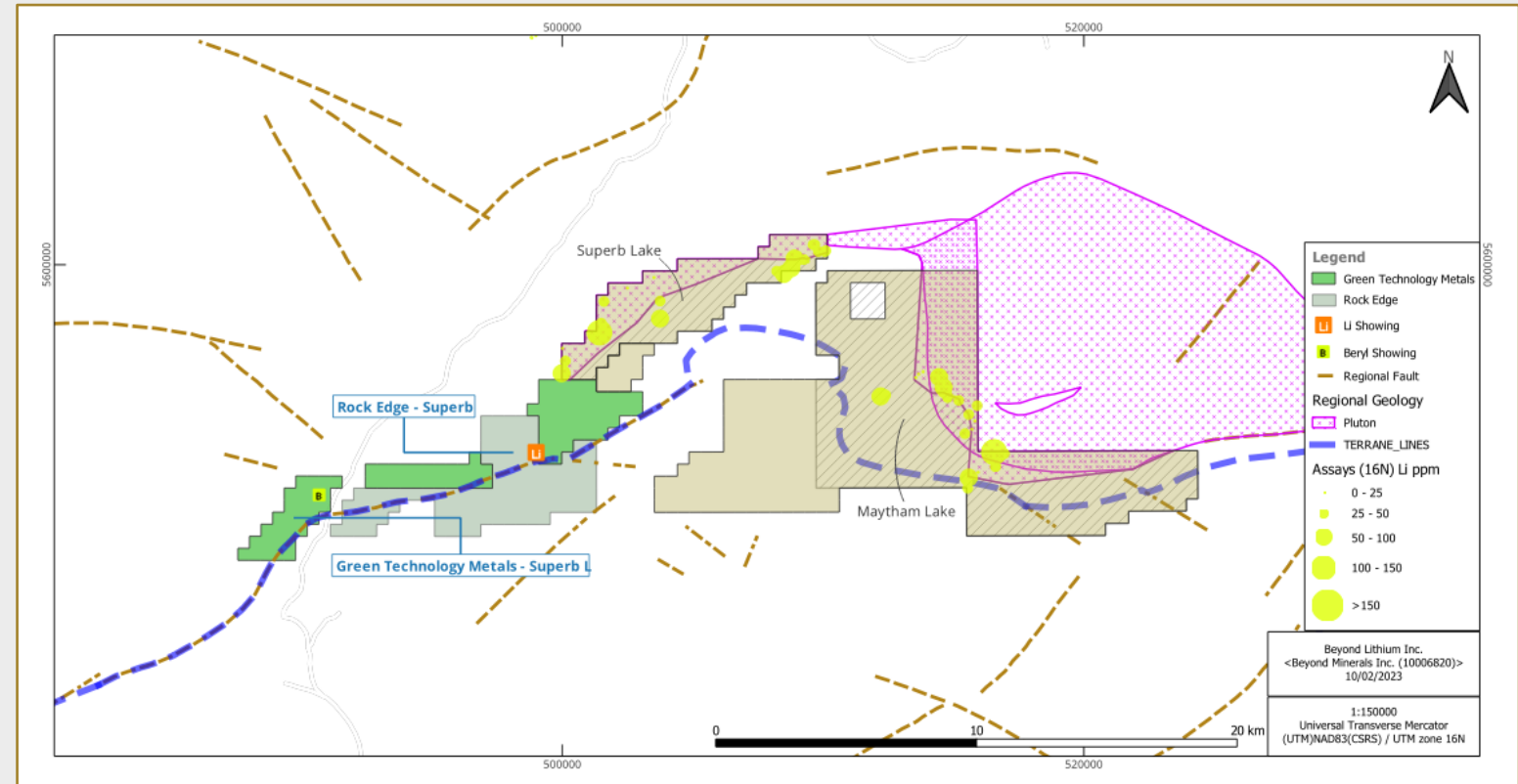
- Advancing 2 Projects totaling 10,187 ha in area to Phase 2 exploration in the Case Lake District
- Case Lake North (7,476 ha) and Case Lake South (2,711 ha) are located close to the town of Cochrane and to Power Metals Corp's (TSXV: PWN) Case Lake Project with recent new spodumene bearing pegmatites discovered at the Case Lake project
- Favorable geological setting with fertile Case Lake batholith present on the 2 projects with pegmatites identified from the Phase 1 program



# SUPERB LAKE DISTRICT PHASE 2 PROJECTS



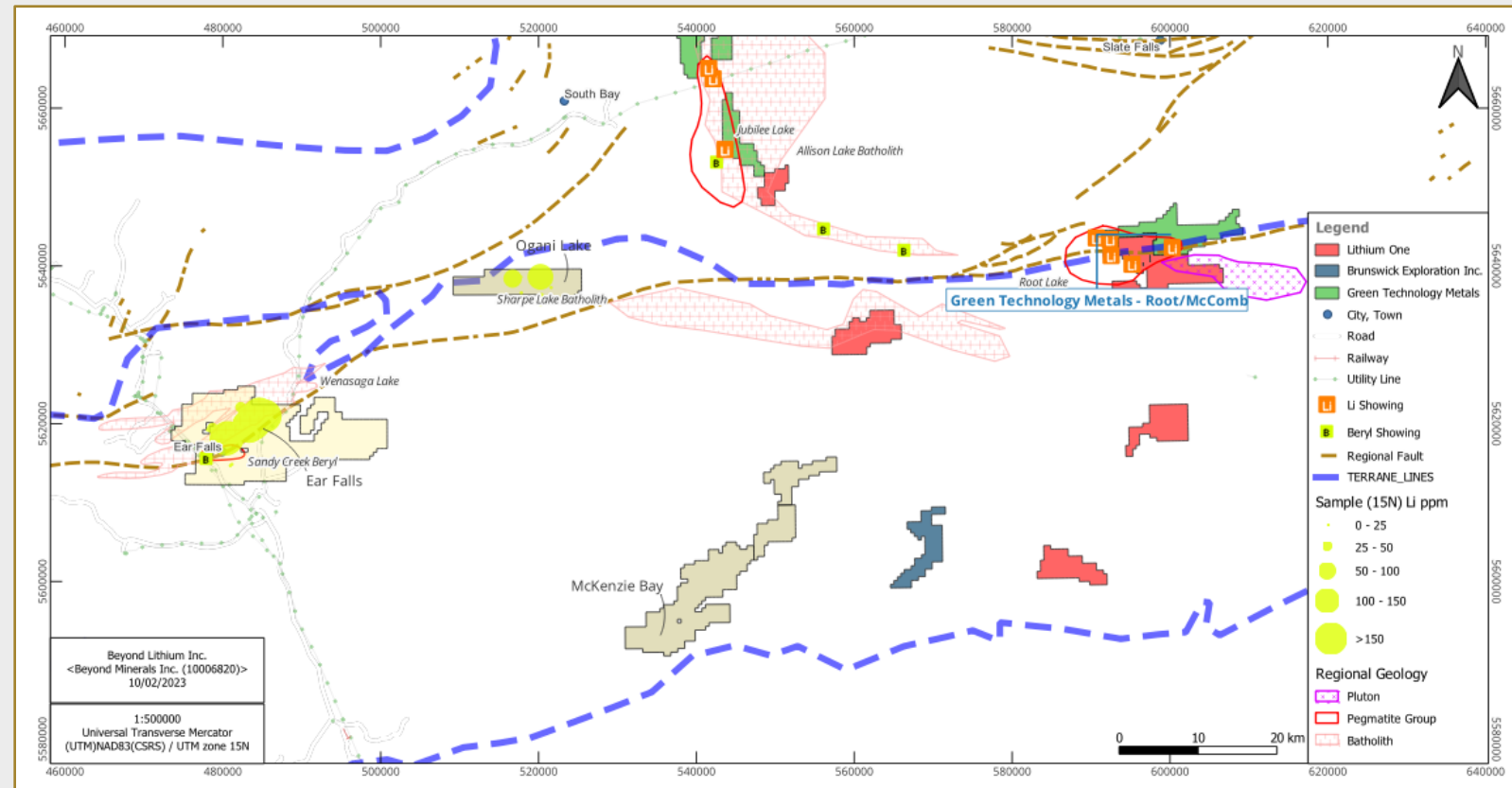
- Advancing 2 Projects totaling 12,126 ha in area to Phase 2 exploration in the Georgia Lake District
- Superb Lake (2,321 ha) and Maytham Lake (9,805 ha) are located along trend of Rock Edge Resources' (CSE: REDG) Superb Project spodumene pegmatites and Green Technology Metals' (ASX: GT1) Superb Lake Project
- Favorable geological setting with fertile pluton located east of Maytham Lake Project and along subprovincial terrane boundary between English River and East Wabigoon as the structural corridor
- Elevated lithium in samples aligned on trend with Rock Edge's spodumene pegmatites



# MCKENZIE BAY DISTRICT PHASE 2 PROJECTS



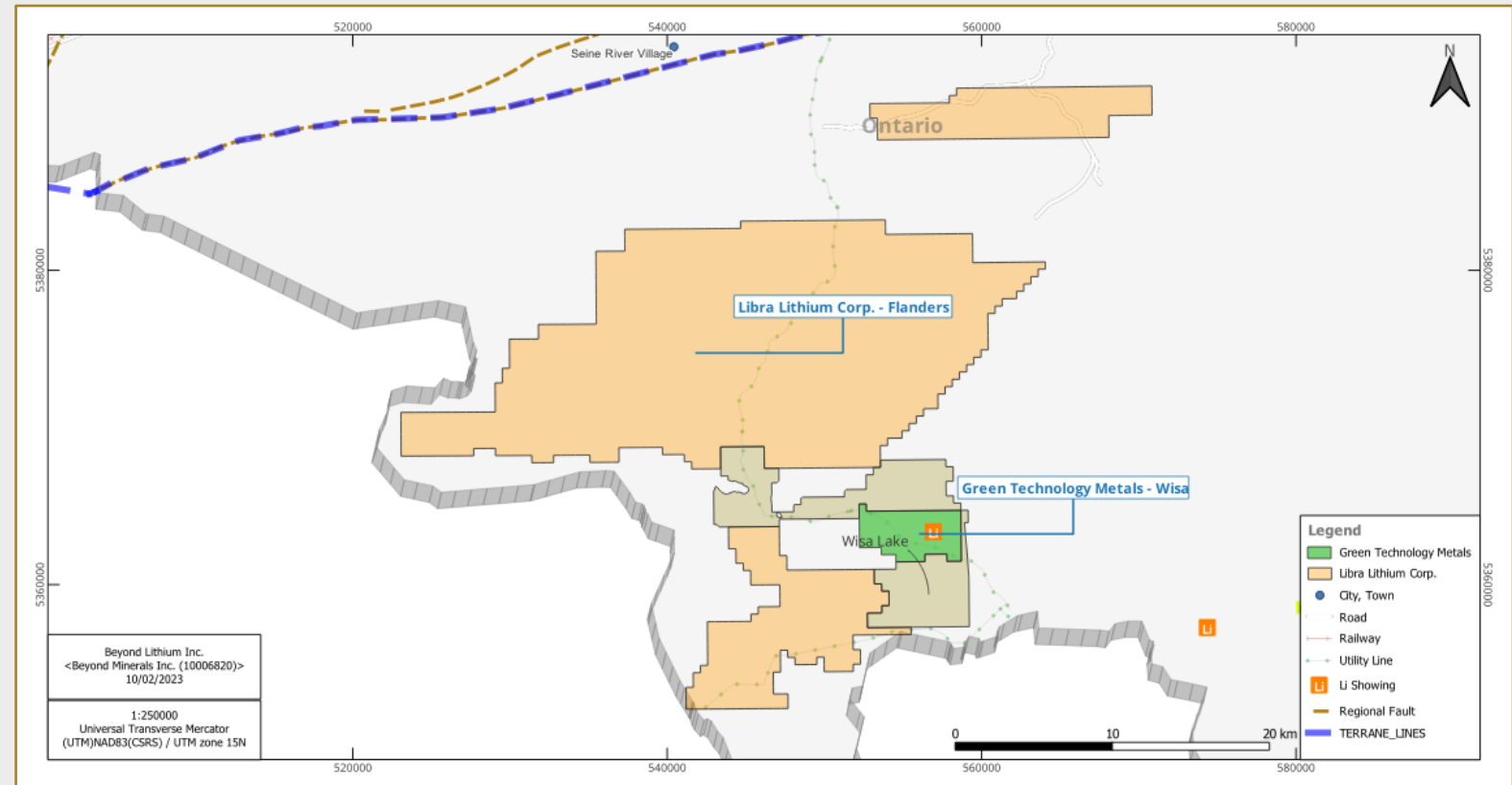
- Advancing 2 Projects totaling 19,339 ha in area to Phase 2 exploration in the McKenzie Bay District
- The Ogani Lake (5,176 ha) and the McKenzie Bay (14,163 ha) Projects are located close to the town of Ear Falls and in the same district of the new spodumene pegmatites zone discovered by Beyond Lithium at the Ear Falls Project
- Favorable geological setting with fertile plutons and regional subprovincial terrane boundary near the Ogani Lake and the McKenzie Bay Projects
- Discovered Beryl bearing pegmatite at Ogani Lake



# WISA-FLANDERS DISTRICT PHASE 2 PROJECTS



- Wisa Lake Project (6,549 ha) is located in the Wisa Lake-Flanders District next to Green Technology Metals' (ASX: GT1) Wisa Project with primary pegmatite mapped along strike for 1.5km with widths exceeding 20m and to Libra Lithium's Flanders North and South Projects with confirmed elevated Li pegmatites
- Located 8km north of the US Border and approximately 100km east of Fort Francis, the border town to the US.
- Completed a LiDAR survey and preliminary prospecting at the Wisa Lake Project as the Phase 1 Program



# FIELD OBSERVATIONS



Ear Falls – Sandy Creek’s Coarse Muscovite-Beryl Pegmatite



Cosgrave Lake – AG Pluton’s Coarse Beryl Bearing Pegmatite Border Zone



McKenzie Bay – Coarse Muscovite bearing Pegmatite up to 5m wide



# Beyond Lithium – Comps Table



Name	Symbol	Description	Jurisdiction	Shares outstanding	Price	Market cap
Patriot Lithium Limited	ASX: PAT	Exploration, exploration drilling	Ontario, USA	91,454,632	\$0.210	\$19,205,473
Max Power Mining Corp.	CSE: MAXX	Exploration	Quebec	47,508,240	\$0.465	\$22,091,332
Discovery Lithium	CSE: DCLI	Exploration	Nunavik	60,500,000	\$0.445	\$26,922,500
Q2 Metals Inc.	TSXV: QTWO	Exploration, spodumene discovery	Quebec	85,158,468	\$0.370	\$31,508,633
Brunswick Exploration Inc.	TSXV: BRW	Exploration, spodumene discovery, exploration drilling	Across Canada	188,745,970	\$1.000	\$188,745,970
<b>Average</b>						<b>\$53,853,687</b>
Power Metals Corp.	TSXV: PWM	Discovery - Resource Delineation Drilling	Ontario	147,258,010	\$0.275	\$40,495,953
Critical Resources Limited	ASX: CRR	Discovery - Resource Delineation Drilling	Ontario	1,777,350,279	\$0.026	\$46,211,107
Green Technology Metals Inc.	ASX: GT1	Discovery - Resource Delineation Drilling	Ontario	276,145,793	\$0.380	\$104,935,401
Li-FT Power Ltd.	CSE: LIFT	Discovery - Resource Delineation Drilling	Ontario, NWT	39,426,677	\$6.000	\$236,560,062
						<b>\$107,050,631</b>
Frontier Lithium Inc.	TSXV: FL	Major Discovery , Resource Estimate	Ontario	227,627,041	\$0.76	\$172,996,551
Critical Elements Lithium Corp.	TSXV: CRE	Major Discovery , Resource Estimate	Quebec	217,785,300	\$1.30	\$283,120,890
Patriot Battery Metals Inc.	TSXV: PMET	Major Discovery , Resource Estimate	Quebec	114,550,356	\$9.60	\$1,099,683,418
<b>Average</b>						<b>\$518,600,286</b>
<b>Beyond Lithium Inc.</b>	<b>CSE: BY</b>	<b>Exploration, spodumene discovery, exploration drilling</b>	<b>Ontario</b>	<b>33,874,482</b>	<b>\$0.44</b>	<b>\$14,904,772</b>
As at November 24, 2023						

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When relying on forward-looking statements to make decisions, we caution readers not to place undue reliance on these statements, as forward-looking statements involve significant risks and uncertainties and should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not the times at or by which such performance or results will be achieved

A number of factors could cause actual results to differ, possibly materially, from the results discussed in the forward-looking statements, including Prismo’s limited financial history, including a history of losses, the early stage of the business, operating in an industry populated with significantly larger competitors, dependence on management, rapid technology changes, and infringement of intellectual property rights.

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# THANK YOU.

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