

POSITIONING TO ACCESS LARGE EXPLORATION PROJECTS

POSITIONED IN LARGE GREENSTONE BELTS

COMETLITHIUM . COM

TSX-V: CLIC
OTC: XTRRF
FRANKFURT: 8QY

AUGUST 2025

CAUTION REGARDING FORWARD-LOOKING INFORMATION



This presentation regarding Comet Lithium Corporation (the “Company”, “Comet Lithium”, “we”, “us” or “our”) contains statements that may constitute “forward-looking information” within the meaning of applicable Canadian securities legislation. Forward-looking information may include, among others, statements regarding the future plans, activities, objectives, operations, strategy, business outlook, development on the Company’s mining properties, including the Liberty property, financial performance and condition of the Company, or the assumptions underlying any of the foregoing, as well as statements regarding any anticipated results from its 2023 exploration programs and/or any future exploration programs (including any drill program, survey or geophysics survey) on the Company’s mining properties, including the Liberty property, or any results from such programs. In this presentation, words such as “may”, “would”, “could”, “will”, “likely”, “believe”, “expect”, “anticipate”, “intend”, “plan”, “estimate” and similar words and the negative form thereof are used to identify forward-looking statements. Forward-looking statements should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether, or the times at or by which, such future performance will be achieved. Forward-looking information, by its very nature, is subject to numerous risks and uncertainties and is based on several assumptions which give rise to the possibility that actual results could differ materially from the Company’s expectations expressed in or implied by such forward-looking information and no assurance can be given that any events anticipated by the forward-looking information will transpire or occur. Forward-looking information is based on information available at the time and/or management’s good-faith belief with respect to future events and are subject to known or unknown risks, uncertainties, assumptions and other unpredictable factors, many of which are beyond the Company’s control. These risks, uncertainties and assumptions include, but are not limited to, risks relating to the capital market conditions, risk that the Company might not be able to obtain the capital resources necessary to complete a drill program or any exploration program on its mining properties, including the Liberty property, as well as those described under “Financial Instruments” and “Risk and Uncertainties in the Company’s Annual Report for the fiscal year ended December 31, 2022, a copy of which is available on the Company’s SEDAR+ profile at <https://www.sedarplus.ca>, and could cause actual events or results to differ materially from those projected in any forward-looking statements. The Company does not intend, nor does the Company undertake any obligation, to update or revise any forward-looking information contained in this presentation to reflect subsequent information, events or circumstances or otherwise, except if required by applicable laws

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Market and industry data presented throughout this presentation was obtained from third-party sources, industry reports and publications, websites and other publicly available information, as well as industry and other data prepared by us or on our behalf, on the basis of our knowledge of the markets in which we operate, including information provided by other industry participants. We believe that the market and industry data presented throughout this presentation is accurate and, with respect to data prepared by us or on our behalf, that our opinions, estimates and assumptions are currently appropriate and reasonable, but there can be no assurance as to the accuracy or completeness thereof. The accuracy and completeness of the market and industry data presented throughout this presentation are not guaranteed and the Company makes no representation or warranty, express or implied, as to the accuracy of such data and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the market and industry data or any other information or opinions contained herein, for any purpose whatsoever. Actual outcomes may vary materially from those forecast in such reports or publications, and the prospect for material variation can be expected to increase as the length of the forecast period increases. Although we believe it to be reliable, the Company has not independently verified any of the data from third-party sources referred to in this presentation, analyzed or verified the underlying studies or surveys relied upon or referred to by such sources, or ascertained the underlying market, economic and other assumptions relied upon by such sources. Market and industry data is subject to variations and cannot be verified due to limits on the availability and reliability of data inputs, the voluntary nature of the data gathering process and other limitations and uncertainties inherent in any statistical survey.

Qualified Person:

Vincent Cardin-Tremblay, P. Geo (ogq #1386, PGO #3347), registered in the Provinces of Québec, and Ontario is Vice President Exploration to Comet Lithium, is a qualified person under National Instrument 43-101 - *Standards of Disclosure for Mineral Projects* (“NI 43-101”). He has reviewed the technical contents of this presentation and has approved the disclosure of the technical information contained in this presentation.

Currency

All references in this presentation to dollars and “\$” are to Canadian dollars unless otherwise specified.

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LEADERSHIP & BOARD



Vincent Metcalfe
Executive Chair, President & CEO

Accomplished executive with domestic and international experience in the metals and mining sector. Co-founder, CEO and Chair of Nomad Royalty which was acquired by Sandstorm. Held a number of officer and senior executive roles with TSX and NYSE listed resource companies within the Osisko group of companies. Helped several companies advance and develop mining projects. He was also the recipient of the Peter Munk award in 2023.



Vincent Cardin-Tremblay
VP Exploration

Accomplished geologist who brings national and international experience in exploration and mine geology operating in the Americas and Africa. Was VP, Geology for Nomad Royalty. Prior, he was VP, Geological Services at Harte Gold. He worked as Director, Exploration and Geology at Golden Star Resources Inc. and Geology Superintendent at the Rosebel mine in Suriname for IAMGOLD. Also worked for Freeport-McMoRan, and for Glencore at the Matagami and Raglan mines.

Board of Directors

Sylvain Champagne
CFO & Secretary and Director

Jamie Flegg
Independent Director

Paul Blatter
Independent Director

Mitch Wasel
Independent Director

Kyle Frank
Independent Director

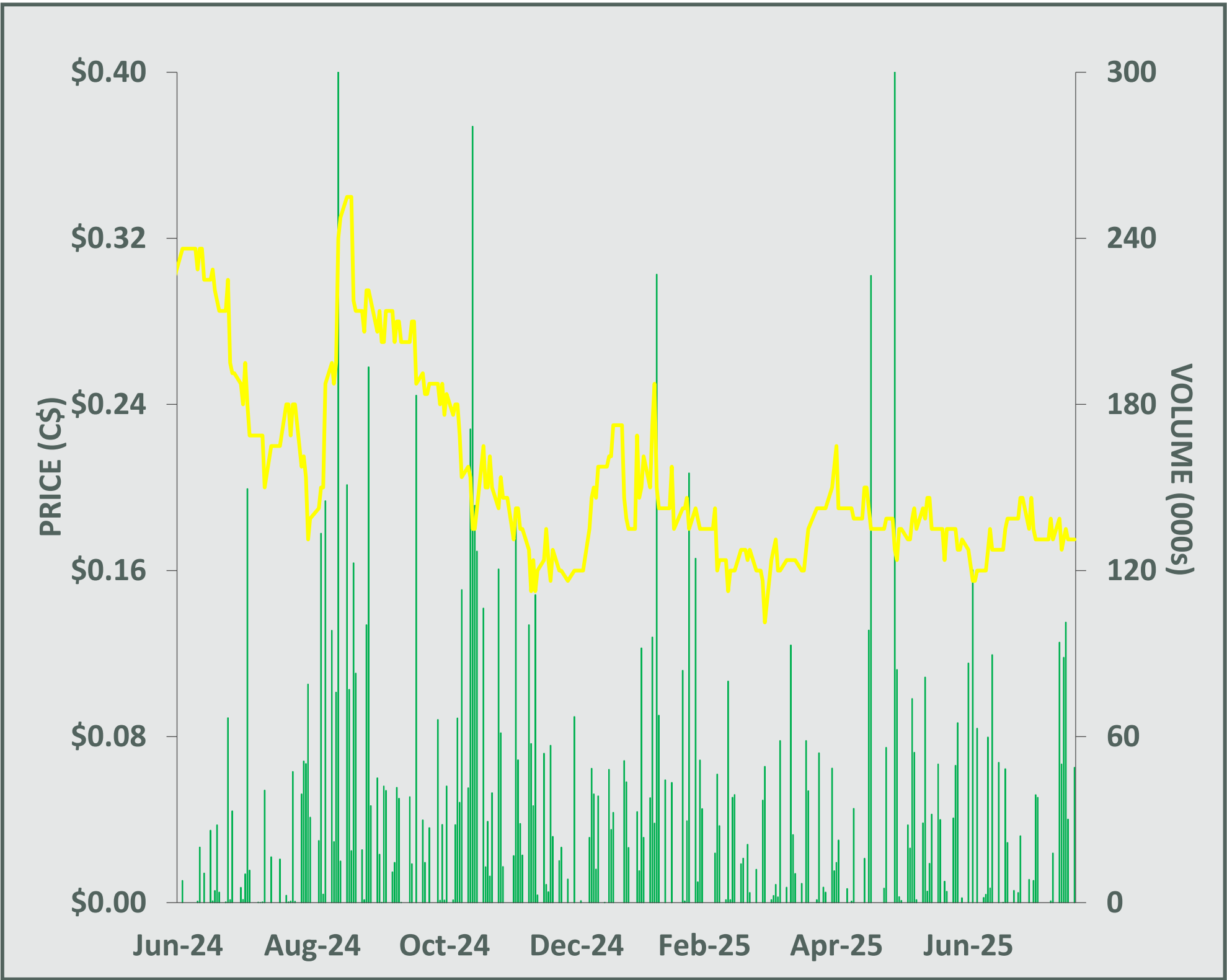
CAPITAL STRUCTURE

AS OF AUGUST 15, 2025

Shares Outstanding	29,710,953
Options	1,479,634
RSU	230,000
DSU	395,000
Fully Diluted	31,815,587
Market Capitalization	~\$5.2M

SHAREHOLDER LIST

Nomad RP	7%
Identified HNW	50%
Quebec Funds	6%
Troilus Gold	6%
Management	3%
Total Identified	>73%



HIGHLY ACTIVE EXPLORATION COMPANY



NEW DISCOVERY MADE DURING SUMMER 2025 AT ELMER EAST

- New Caesium Discovery in the James Bay Area.
- Flagship Sample E6481203 of 1.86% Li₂O and **2.46% Cs₂O**



STRATEGIC PROPERTIES NEAR EXISTING DEPOSITS

1. Troilus East : Completed extensive till and prospection program over a 25 km trend.
2. Liberty : Completed summer program and identified two highly prospective zones.



STRATEGIC GROWTH INITIATIVES: Management evaluating and working to access to “company-maker” asset.



PORTFOLIO OPTIMIZATION:

1. Streamlining portfolio, recent divestiture of NB Gold assets while retaining an NSR and receiving shares.
2. Strategy to be applied to more assets as focus remains on high-potential properties



STRONG DISCOVERY POTENTIAL : Advanced properties with strong discovery potential



LOCATION, LOCATION, LOCATION : Properties in known and active camps, and several road-accessible

QUÉBEC, CANADA



A TOP TIER MINING JURISDICTION



Quebec benefits from a highly supportive provincial government, offering direct investments in projects alongside various tax incentives, including flow-through options.

A major economic driver, with annual investments averaging C\$8.5 billion and contributing approximately C\$962 million to the provincial government each year, excluding corporate income taxes, emphasizing its crucial role in the province's economy.

Recognized globally, Quebec ranks as the 5th most attractive jurisdiction for mining investment, according to the Fraser Institute.

Clean and Renewable Energy: Quebec benefits from access to low-cost, clean, and renewable hydroelectric power, which supports sustainable operations and reduces the environmental impact of resource development.

Significant discoveries in the James Bay region have attracted major companies, positioning the area as a premier global hub for lithium production.

THE COMET PORTFOLIO

REGIONAL INFRASTRUCTURE

Highway Access

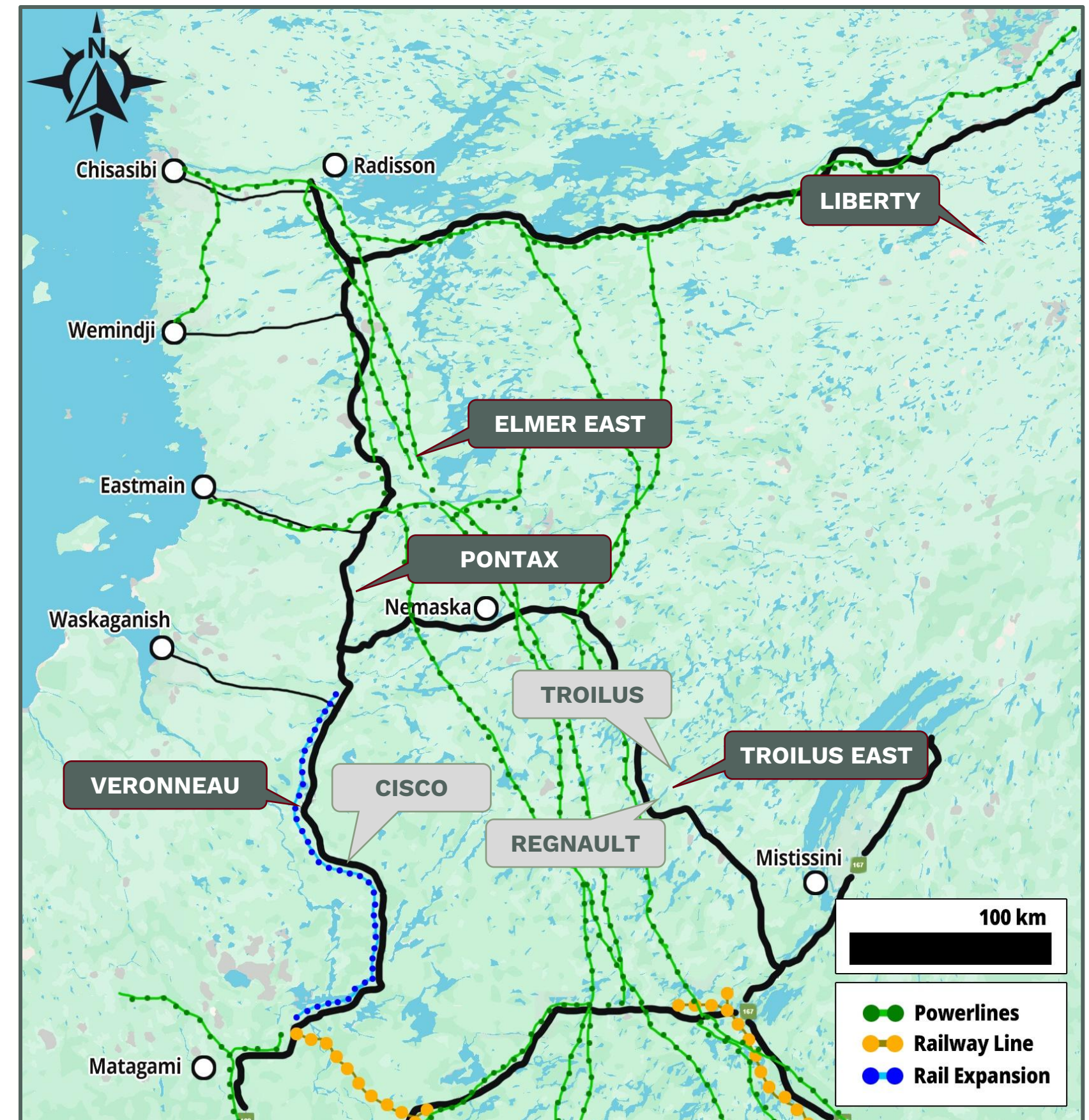
- Extensive Highway Access throughout Quebec

Hydro Power

- Hydro-Quebec substation nearby supplying low-carbon inexpensive hydropower

Rail, Shipping and Labour

- Railway and shipping lanes well developed.
- Troilus East and Pontax properties directly accessible by highway.



THE ELMER EAST PROJECT – CAESIUM & LITHIUM - NEW DISCOVERY

<p>New grassroots discovery from quick targeted summer exploration program</p> <p>New pegmatite dyke 1–2 metres in width and traced for ~80 metres in outcrop</p> <p>Pro-mining jurisdiction and next to brownfield site with existing infrastructure.</p>	<p>Excellent access and infrastructure Near Billy-Diamond highway</p> <p>High-grade flagship sample: E6481203 returned 2.46% Cs₂O and 1.86% Li₂O</p> <p>Capital efficient exploration with access to Quebec flow-through program and exploration credit</p>
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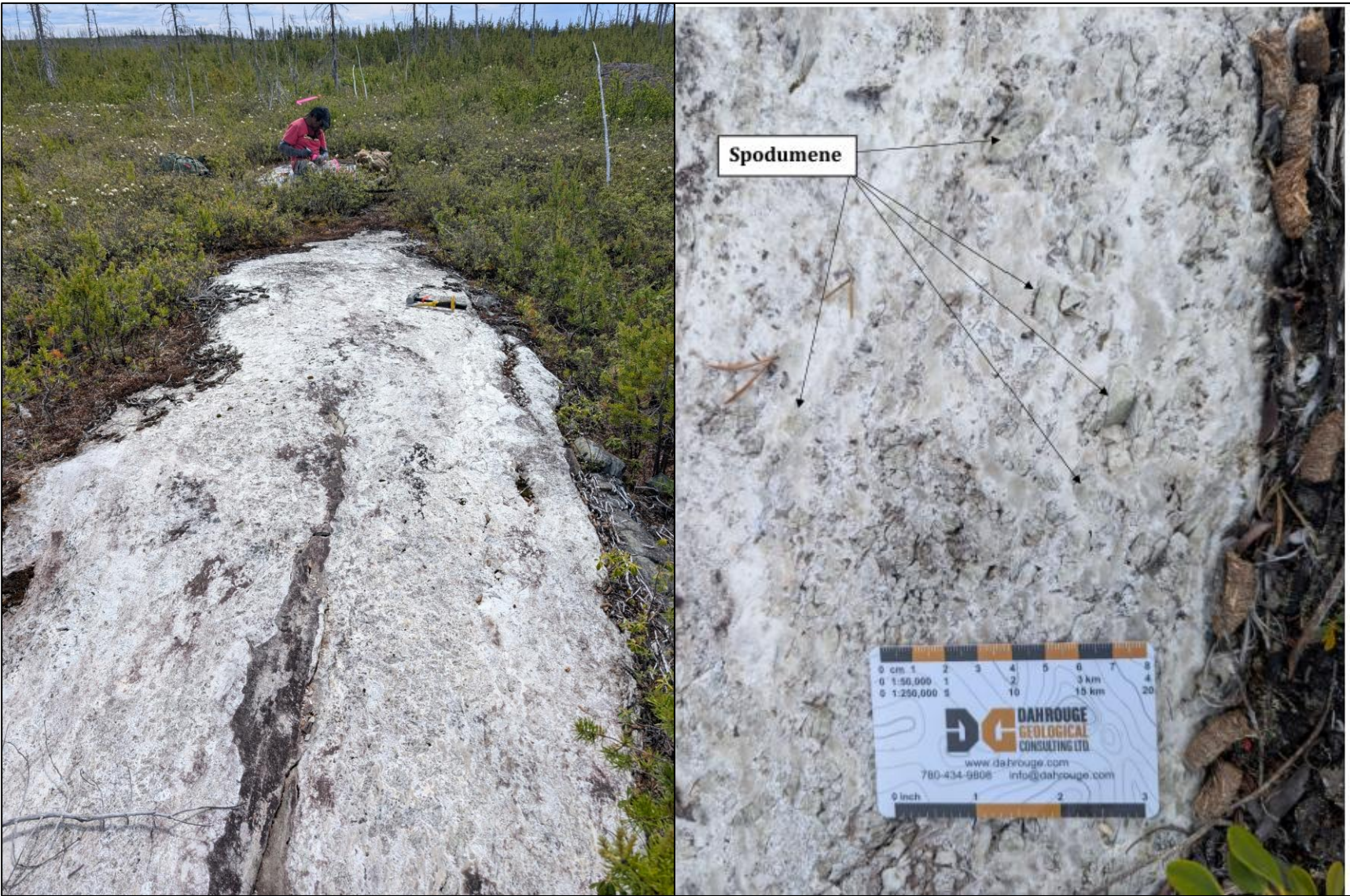
- Discovering high-grade caesium and lithium grades at surface, marks a transformational milestone
- Caesium grades of this magnitude are exceptionally **rare** and represent a strategically important critical mineral, particularly when combined with significant lithium values.
- The geochemical signature, with high fractionation indicators and favourable K/Rb ratios, confirms the fertile nature of the system and underscores the **highly prospective potential** of the property, especially around the newly identified dyke.



ELMER EAST – DISCOVERY GRAB SAMPLES – LOCATED 65 METRES APART

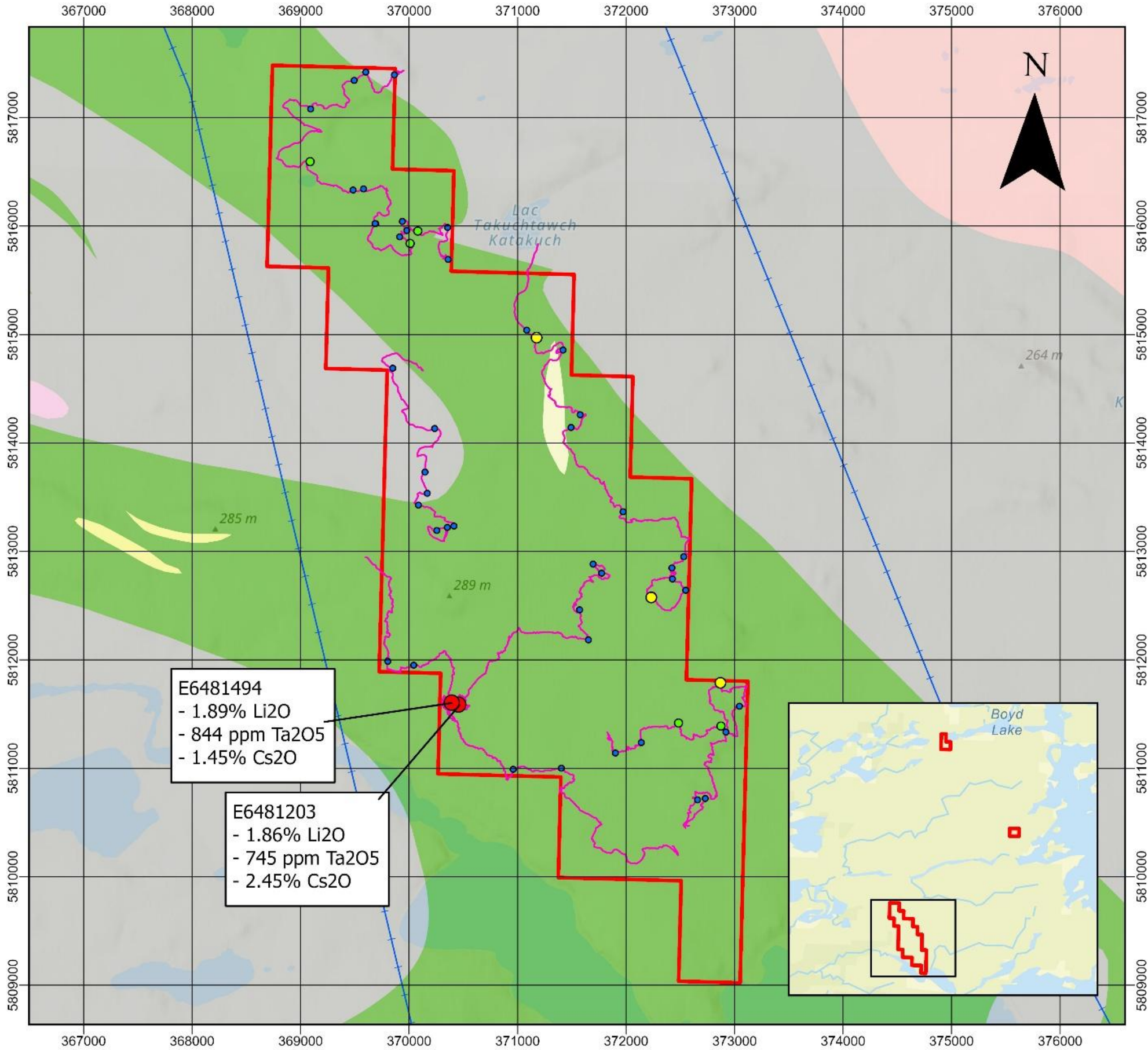
E6481203

E681494



Sample ID	Li (ppm)	Li ₂ O (%)	Cs (ppm)	Cs ₂ O (%)	Rb (ppm)	Rb ₂ O (%)	Be (ppm)	Ta (ppm)	Ta ₂ O ₅ (ppm)
E6481203	8,640	1.86	23,100	2.45	3,810	0.42	286	610	745
E6481494	8,760	1.89	13,700	1.45	2,440	0.27	192	691	844

ELMER EAST – CAESIUM OXIDE ASSAY RESULTS



Property Border (Elmer East)

Powerlines

2025 Tracks

SIGEOM - Lithology

Quartz Diorite

Tonalite

Monzogranite

Rhyolite

Basalt

Felsic Volcanic Tuf

2025 Assay - Cs2O ppm (Outcrop)

0 - 50

51 - 100

101 - 500

501 - 1000

1001 - 24491

COMET

LITHIUM CORP

DAHROUGE

GEOLOGICAL

CONSULTING LTD

Elmer East - South Block

James Bay, Quebec

2025 Rock Samples

Cs2O

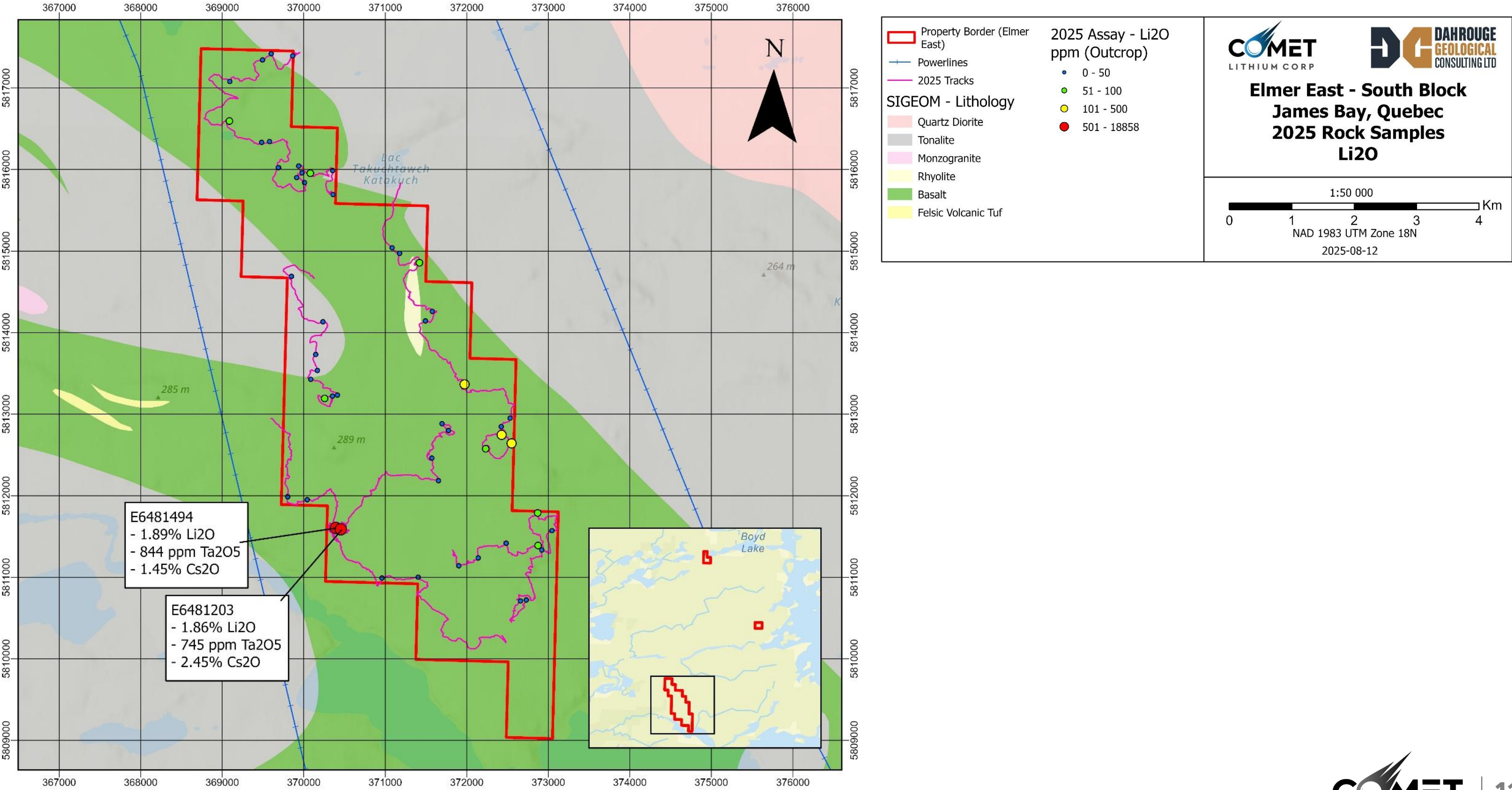
1:50 000

0 1 2 3 4 Km

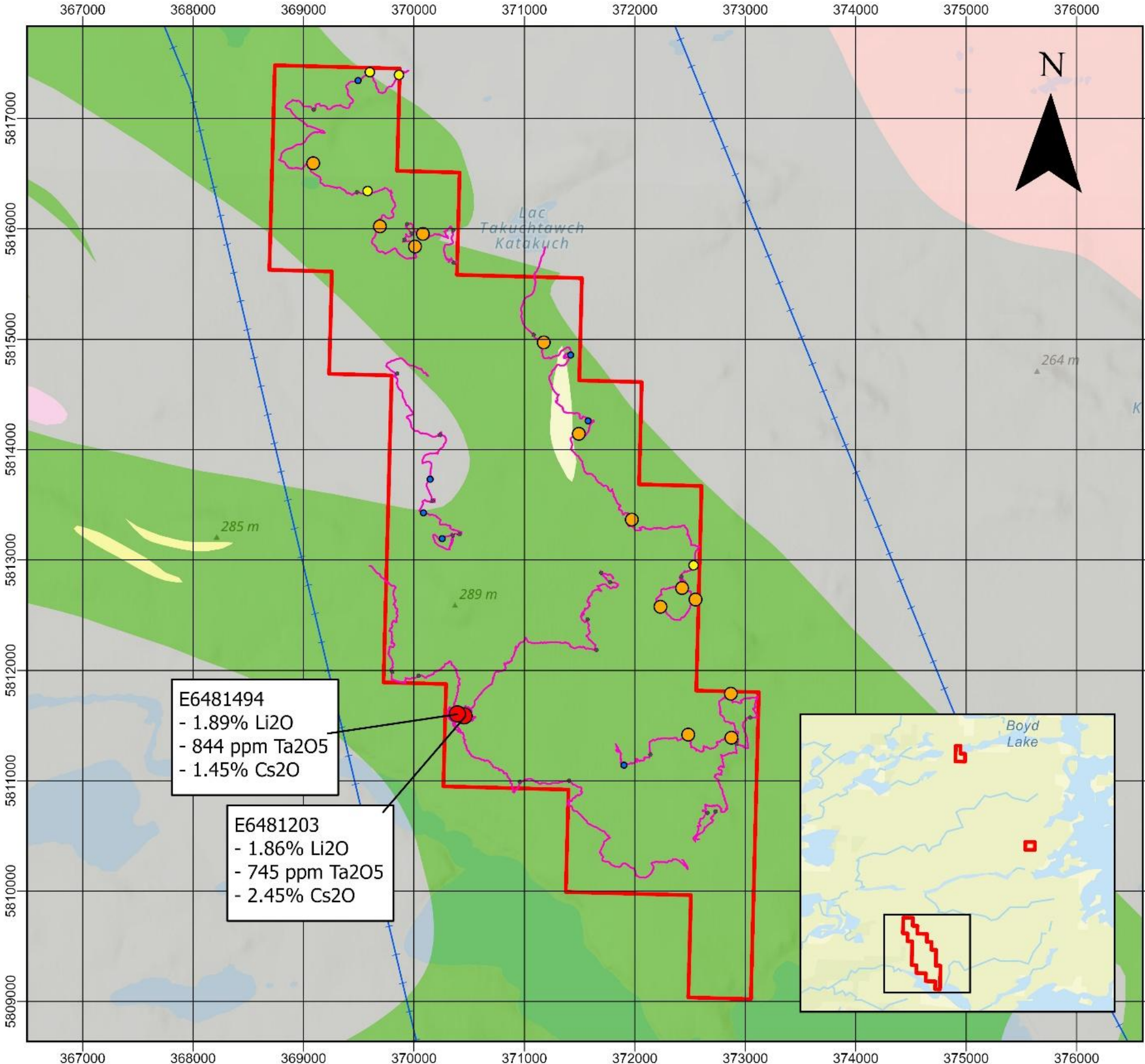
NAD 1983 UTM Zone 18N

2025-08-12

ELMER EAST – LITHIUM OXIDE ASSAY RESULTS



ELMER EAST – K/Rb RATIOS



Property Border (Elmer East)

Powerlines

2025 Tracks

SIGEOM - Lithology

Quartz Diorite

Tonalite

Monzogranite

Rhyolite

Basalt

Felsic Volcanic Tuf

2025 Assay - K/Rb (Outcrop)

• Not pegmatite

• 1 - 10

• 11 - 50

• 51 - 100

• 101 - 686

COMET

LITHIUM CORP.

DAHROUGE

GEOLOGICAL

CONSULTING LTD.

Elmer East - South Block

James Bay, Quebec

2025 Rock Samples

K/Rb ratio

1:50 000

0 1 2 3 4 Km

NAD 1983 UTM Zone 18N

2025-08-12

WHY IS CAESIUM CRITICAL AND STRATEGIC?

- Caesium (Cs) is a soft, silvery-gold alkali metal with atomic number 55 on the periodic table.

APPLICATIONS OVERVIEW

- It is a rare and strategically important element, often grouped with critical and rare metals due to its scarcity and specialized uses. Having been officially listed as a critical mineral by the U.S. government—notably included in the **Department of the Interior’s 2022 critical minerals list**.
- Current applications include medical imaging (MRI machines), oil & gas heavy media, and precision technologies such as atomic clocks, GPS, and other defense systems.
- An emerging use in solar panels could be transformative: caesium-based perovskite thin films have shown up to 35% efficiency gains, along with improved stability and lifespan.

HIGHLY CONSTRAINED MARKET

- Classified as a critical mineral, caesium is essential for advanced technologies, but the market is highly constrained, with Canada’s Tanco mine as the only current producer of primary ore.
- Other deposits exist—including Sinclair (Australia) and Bikita (Zimbabwe)—but these are either depleted, inactive, or of limited scale, highlighting the fragility of global supply.

THE TROILUS EAST PROJECT – GOLD & COPPER

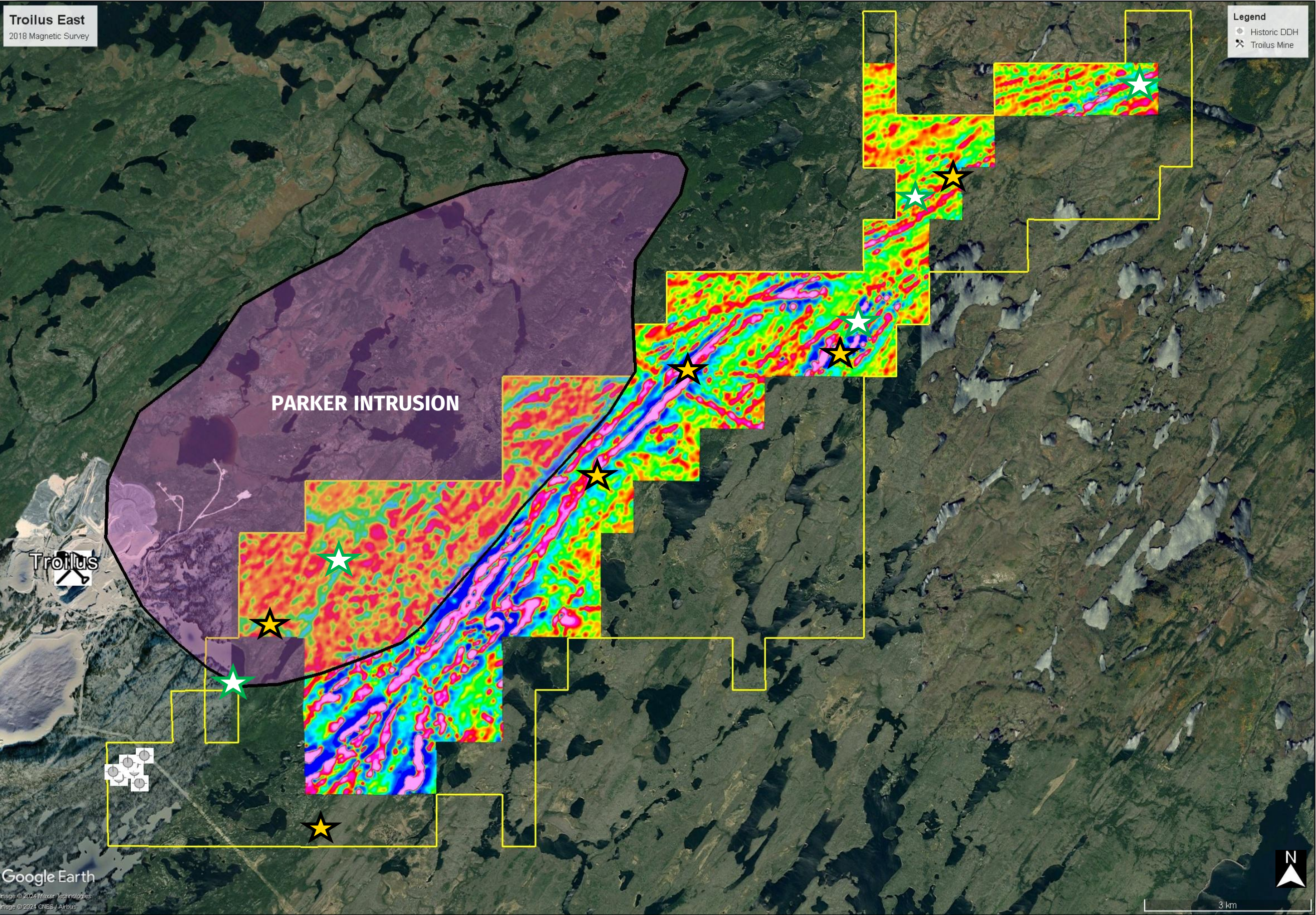
<p>Next to multiple major gold and lithium deposits Troilus Gold, Regnault and Moblanc.</p> <p>Large land package Over 25 km of strike next to large 11.2 Moz AuEq deposit.</p> <p>Pro-mining jurisdiction and next to brownfield site with existing infrastructure.</p>	<p>Excellent access and infrastructure Road accessible site, with year-round access.</p> <p>Substantial historical work completed Several anomalies to be followed up.</p> <p>Capital efficient exploration with access to Quebec flow-through program and exploration credit.</p>
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A GREAT LAND PACKAGE
NEXT TO ONE OF THE NEXT MAJOR MINES
IN QUEBEC, CANADA
WITH COMISSIONNING AIMED FOR 2028-2029



Sources: <https://troilusgold.com/troilus-gold-project/>

TROILUS EAST – COMPILATION AND OVERVIEW OF HISTORICAL DATA

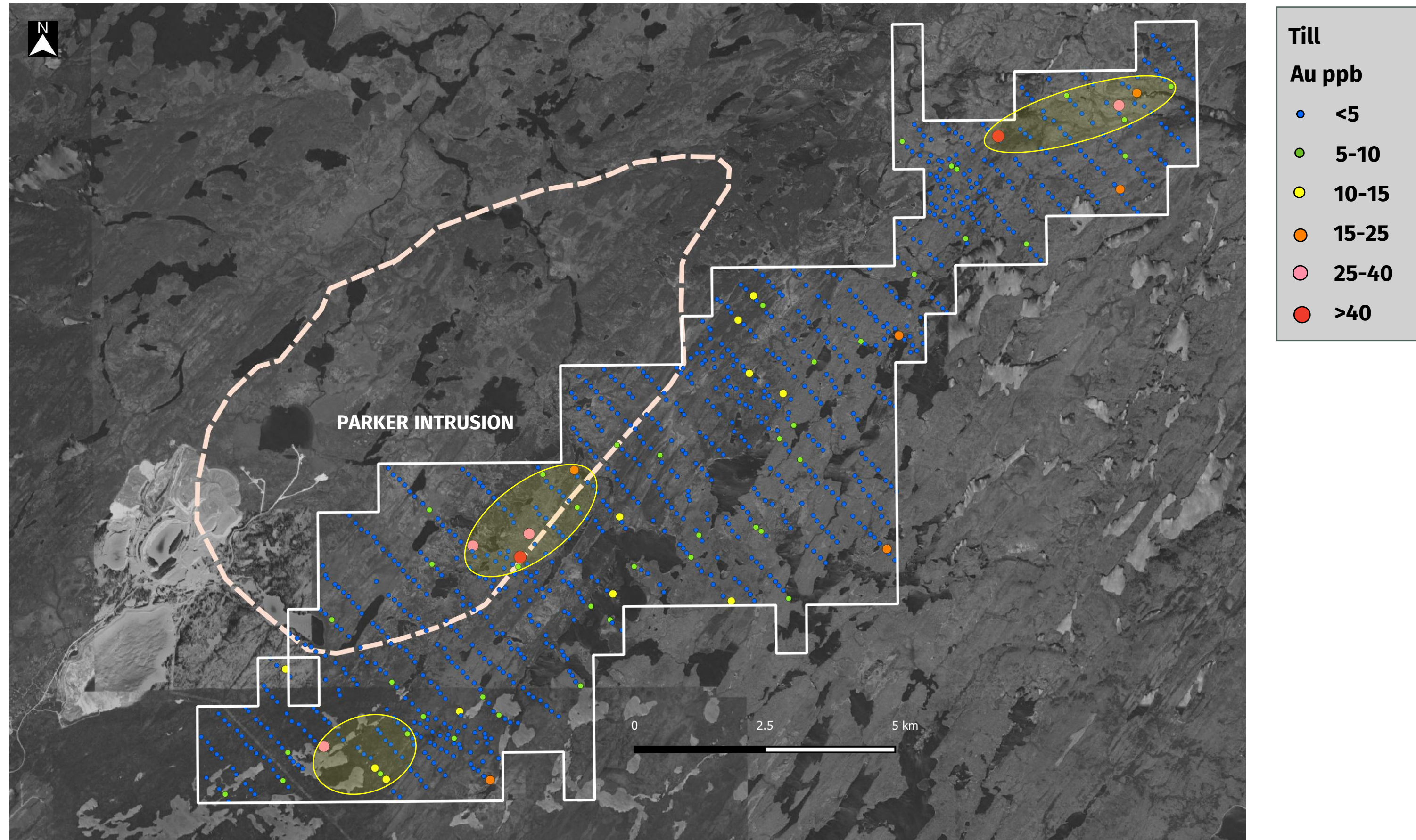


★ GOLD PROSPECT

☆ LITHIUM PROSPECT

Lithium and Gold targets based on new interpretation from historical magnetic survey

TROILUS EAST 2020 & 2024 TILL RESULTS – THREE GOLD-IN-TILL ANOMALIES IDENTIFIED



THE LIBERTY PROJECT – LITHIUM

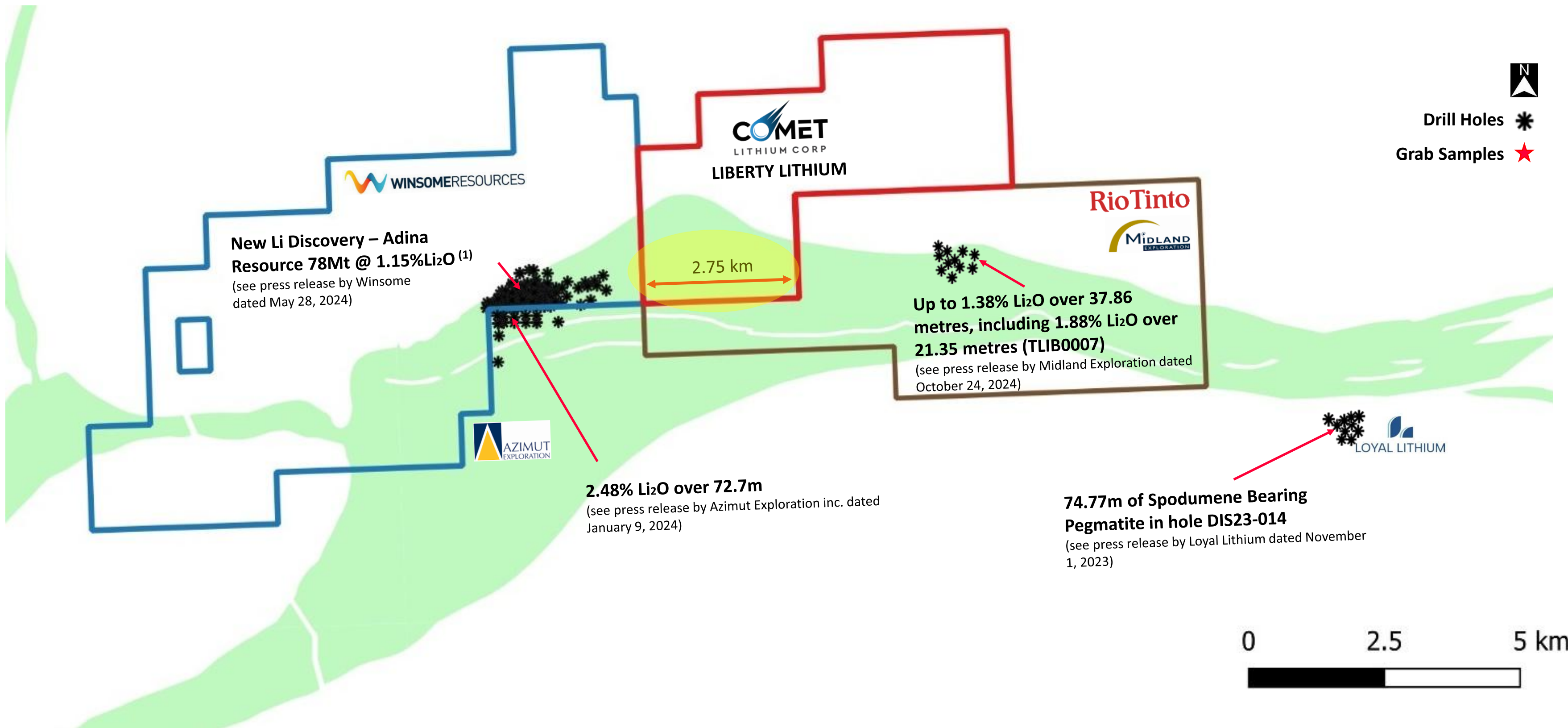
<p>Strategic land position between Rio Tinto and Winsome Resources.</p> <p>Initial field work completed anomalous target areas identified</p> <p>Pro-mining jurisdiction with favourable tax, mining laws and support for decarbonization projects</p>	<p>Next to a major developing deposit Adina becoming one of the largest Lithium deposit in Quebec.</p> <p>Large drilling programs in the area Rio Tinto and Winsome have ongoing exploration and development programs in 2025</p> <p>Capital efficient exploration with access to Quebec flow-through program and exploration credit</p>
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Historical Highlights

<p>Winsome notable results</p> <ul style="list-style-type: none">• 16.0m at 2.15% Li2O from 82.3m (AD-24-211)• 15.3m at 1.35% Li2O from 38.3m (AD-24-227)• 5.5m at 1.56% Li2O from 57.1m (AD-24-205A) <p>Source: Winsome news release https://wcsecure.weblink.com.au/pdf/WR1/02839872.pdf</p>	<p>RTEC – Midland notaresults</p> <ul style="list-style-type: none">• Marcaut:<ul style="list-style-type: none">- Grab: 27 g/t Au- Channel: 6.9 g/t Au over 1.3 m- Drill hole: 1.3 g/t Au over 12.0 m• Veronneau<ul style="list-style-type: none">- Channel 4.24 g/t Au over 6.0 m <p>Source: Midland news release https://www.globenewswire.com/news-release/2024/12/19/2999745/0/en/Midland-in-Partnership-With-RTEC-Continues-to-Intersect-Spodumene-Pegmatites-on-the-Galin%C3%A9e-Project.html</p>
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LIBERTY LITHIUM PROPERTY WITHIN AN EMERGING LITHIUM CAMP



Note 1: See Cautionary statement regarding Winsome Mineral Estimate on Page 2

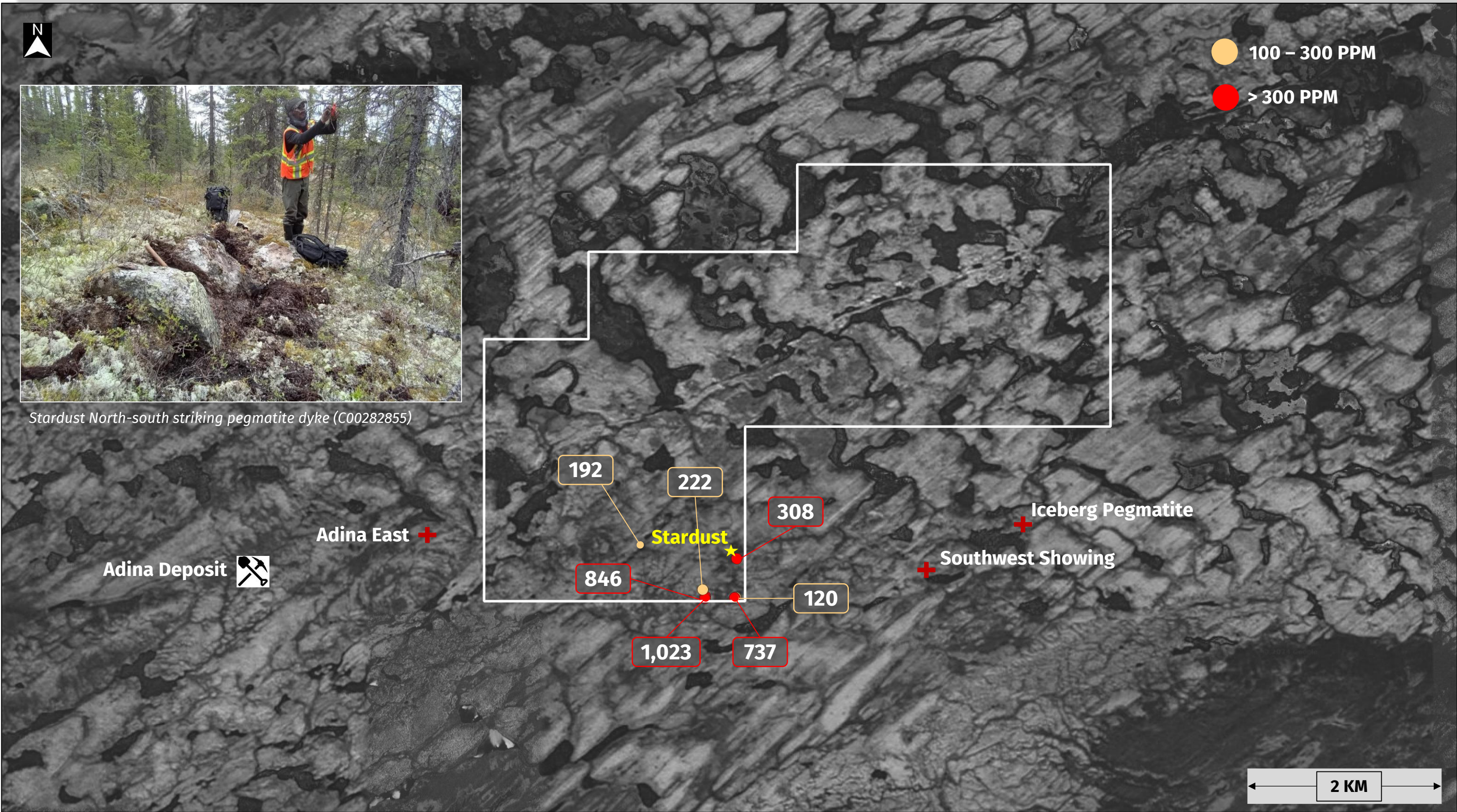
LIBERTY 2024 FIELD PROGRAM RESULTS

Anomalous outcrop and samples with K/Rb ratios below 55



LIBERTY 2024 FIELD PROGRAM RESULTS

Lithium occurrences (ppm)



THE PONTAX PROJECT – LITHIUM & GOLD

<p>Next to large anomaly 25 km long spodumene anomaly defined</p> <p>LIFT Power Drilling 5,000 m drilling program to start in March 2025</p> <p>Pro-mining jurisdiction and next to brownfield site with existing infrastructure.</p>	<p>Excellent access and infrastructure Direct access to Billy-Diamond highway</p> <p>Strategic Intrinsic Value Next to active explorer, within a highly active Lithium area with Galaxy and Cisco nearby</p> <p>Capital efficient exploration with access to Quebec flow-through program and exploration credit</p>
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The number of spodumene grains in till at Pontax is similar to the spodumene counts located down-ice of the Whabouchi lithium deposit [...] but over a 25 km long area

As per LIFT Power (see source)



Sources: <https://www.li-ft.com/investors/presentation/>

PONTAX PROPERTY

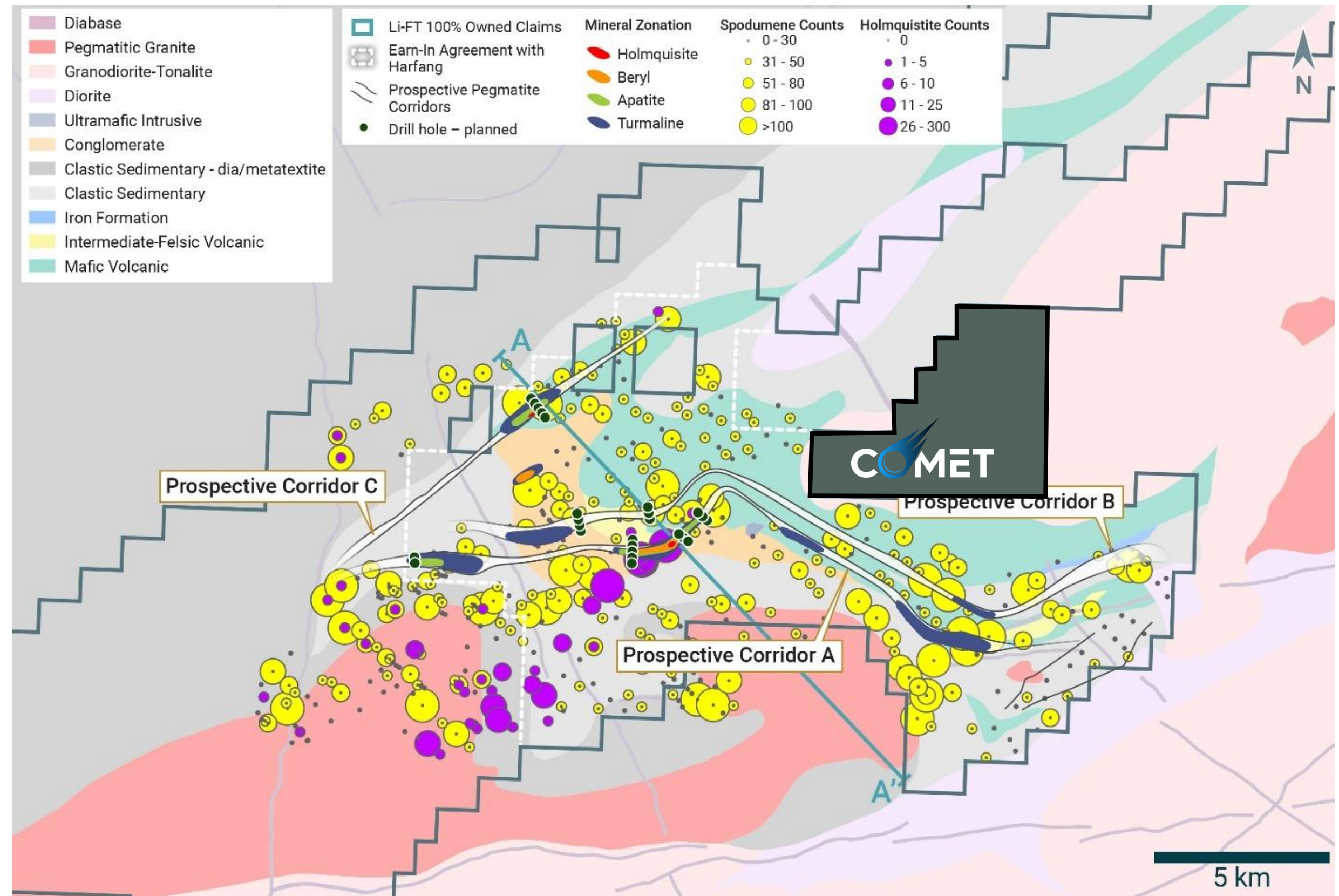
Lithium occurrences (ppm)

COMET'S PONTAX:

76 mining claims within an extremely active hard rock lithium district and royalty free.

LI-FT POWER RESULTS AND WHY THEY ARE DRILLING:

- 25 km long spodumene-in-till anomaly located within the Pontax Project
- The number of spodumene grains in till at Pontax is similar to the spodumene counts located down-ice of the Whabouchi lithium deposit
- The areal extent of the Pontax spodumene anomaly is much larger than Whabouchi
- 5,000 m drill program commencing in March focused on 3 sizable targets



THE VÉRONNEAU PROPERTY – THE “3 IN 1” – DISTRICT POTENTIAL – ~10% OWNERSHIP

Large-Scale Potential

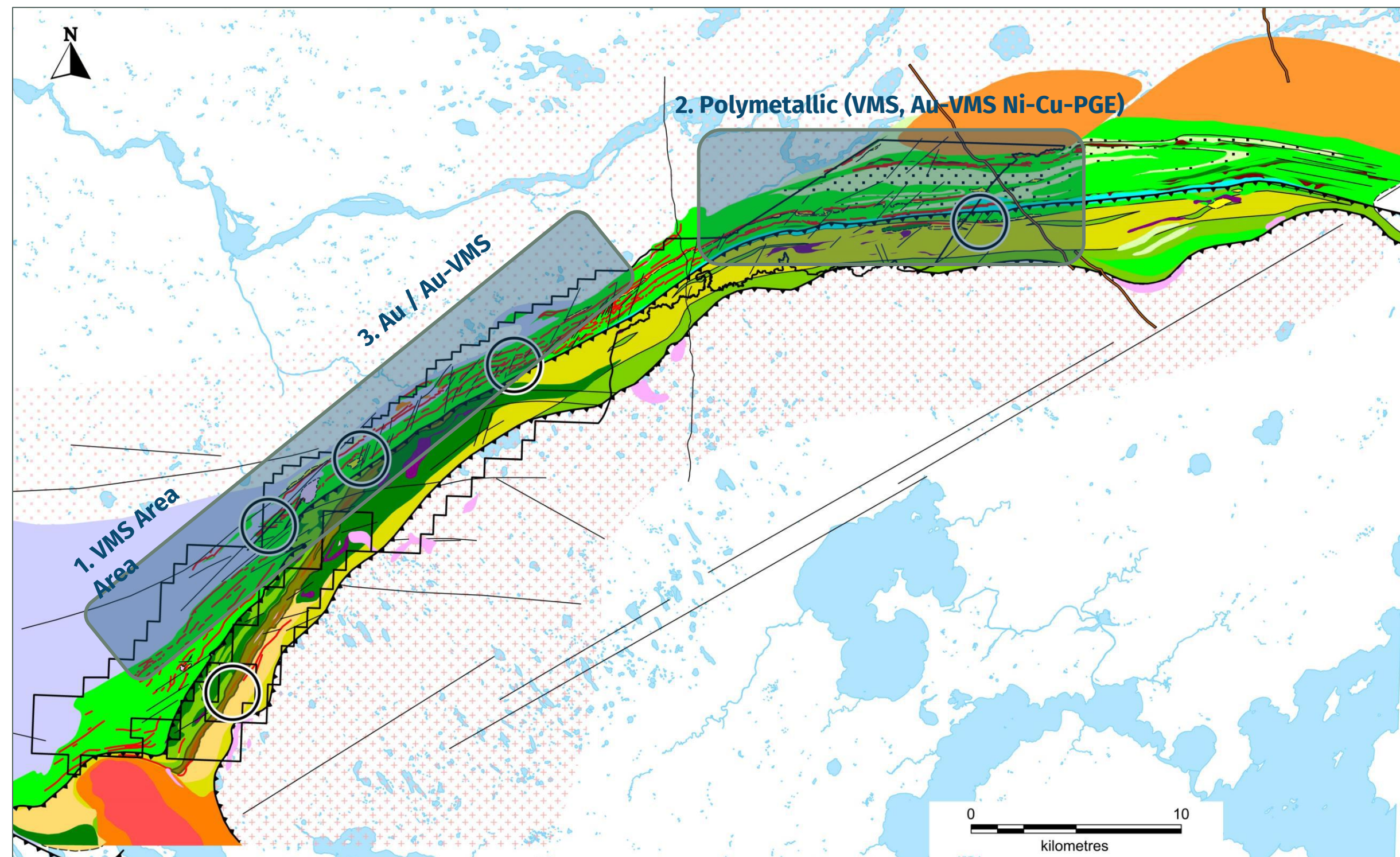
- The Véronneau Property is comprised of 410 mineral claims and covers ~200 square kilometres (25,000 ha).

Two Key Identified Areas

- Identified 2 distinctive focus areas: a northern polymetallic area and middle Au-VMS and VMS focused area.

Multi-Element Potential with Initial Focus on Copper & Nickel

- Historical exploration efforts identified Copper, Nickel, Cobalt, PGM, Gold and Silver. Lithium potential also exist.



THE VÉRONNEAU PROPERTY – GOLD & COPPER-GOLD MIDDLE AREA (AU, AU-CU VMS)

Potential for Au, Au-VMS, and VMS-type mineralization

- Several areas to be followed up.

Marcaut

- Grab:** 27 g/t Au
- Channel:** 6.93 g/t Au over 1.3 m.
- Drill hole:** 1.27 g/t Au over 12.0 m

IGPP

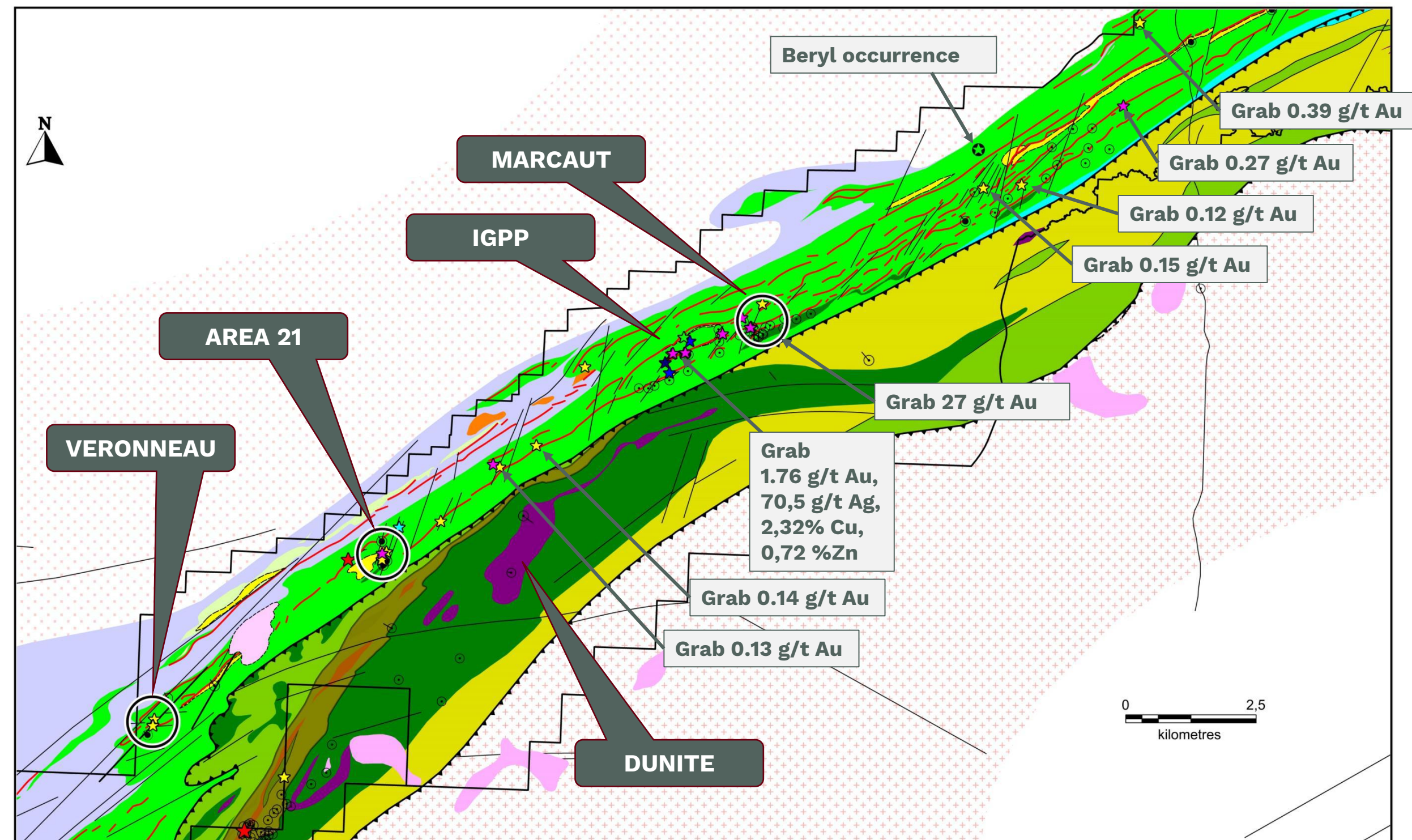
- Grab:** 1.76 g/t Au, 70.5 g/t Ag, 2.32 % Cu, 0.72 %Zn

Area 21

- Gold and Nickel expressions

Véronneau

- 4.24 g/t Au over 6.0 m incl. 7.8 g/t Au over 2.5 m.
- VER-24-23:** 0.84 g/t Au over 1.6 m.



THE VÉRONNEAU PROPERTY – 2. POLYMETALLIC NORTHERN AREA (VMS, AU-VMS, NI-CU-PGE)

Potential for Au, Au-VMS, and VMS-type mineralization

- Underexplored and needs a large systematic exploration program.

LEJ Showing (2017 Grabs)

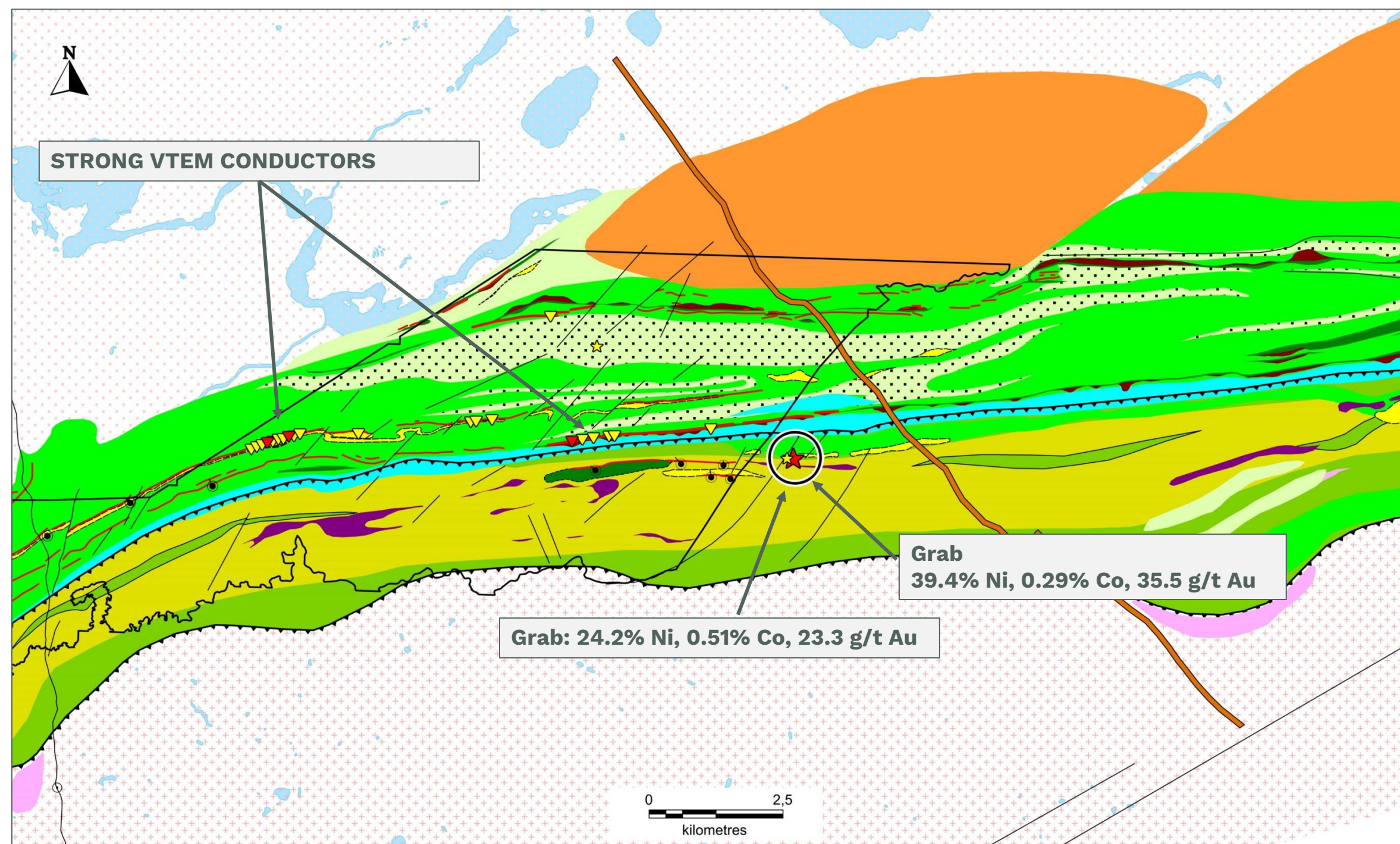
- 39.4% Ni – 0.29% Co – 35.5 g/t Au
- 24.2% Ni – 0.51% Co – 23.3 g/t Au

Strong geological expression

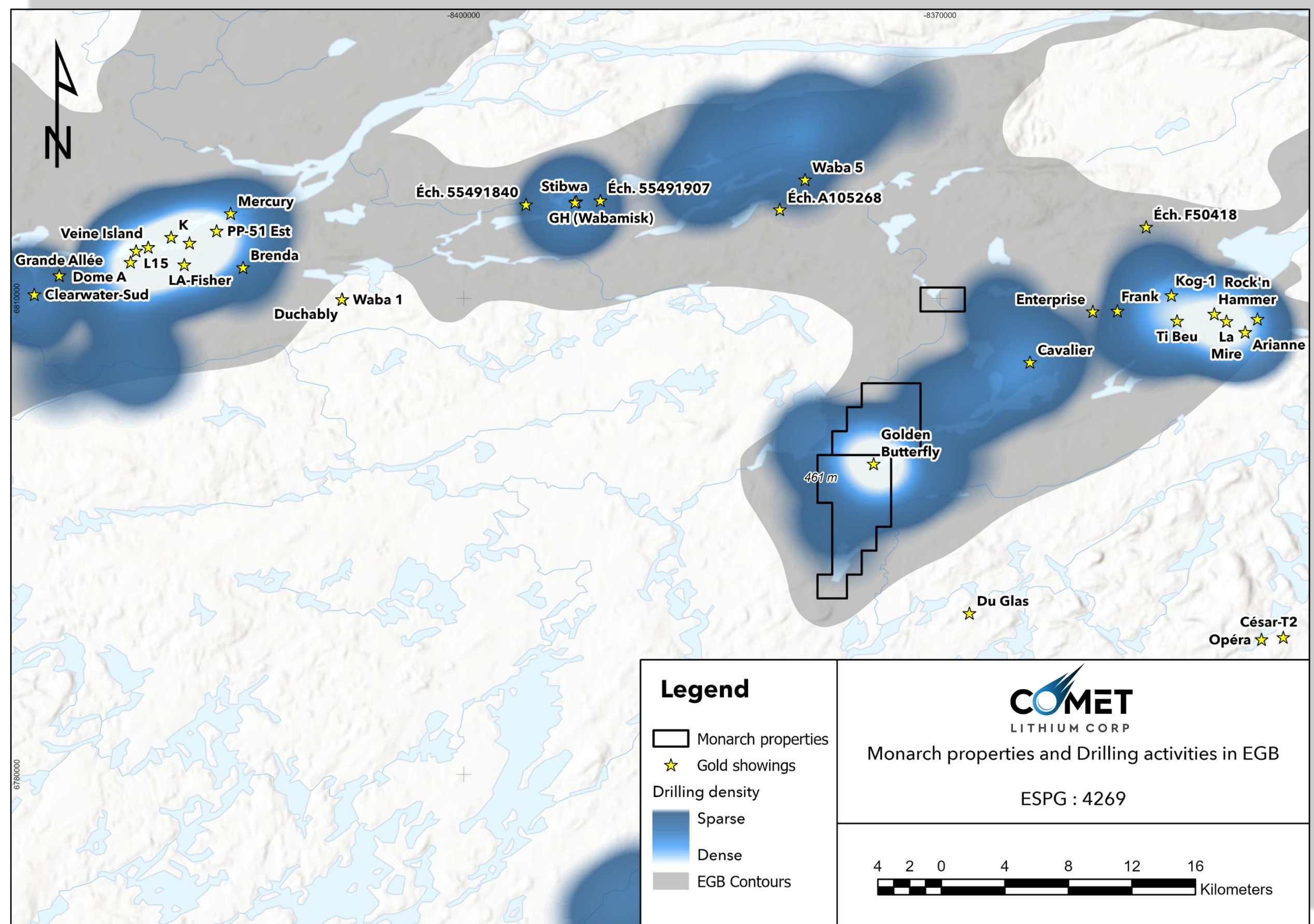
- Komatiites are in brown and peridotites in purple

Exploration Steps

- Geochemistry & geophysics to be advanced



THE MONARCH PROPERTY (AU, LI)



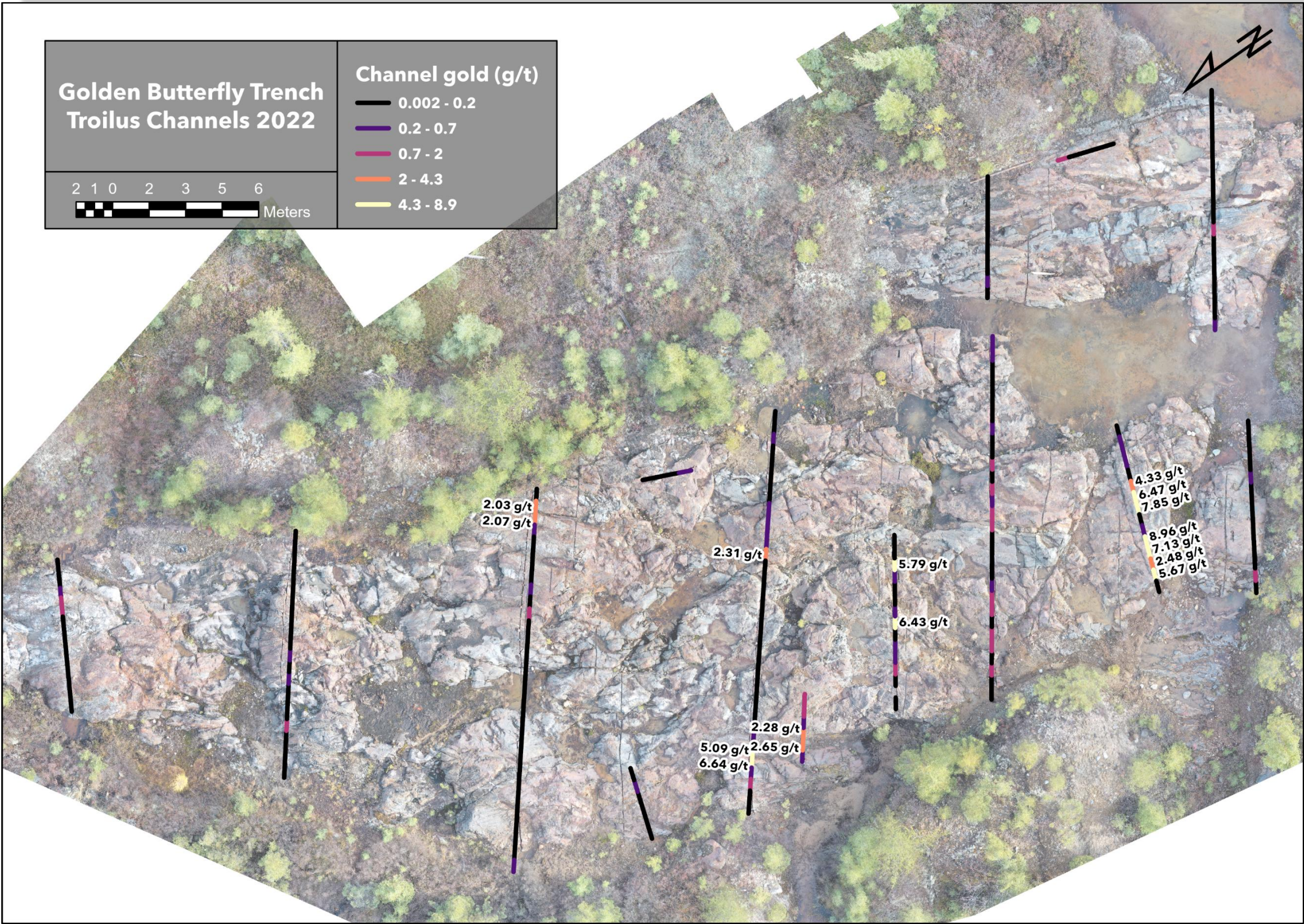
POTENTIAL MINERALIZATION IN AREA

- Gold
- Silver
- VMS
- LCT-Pegmatite

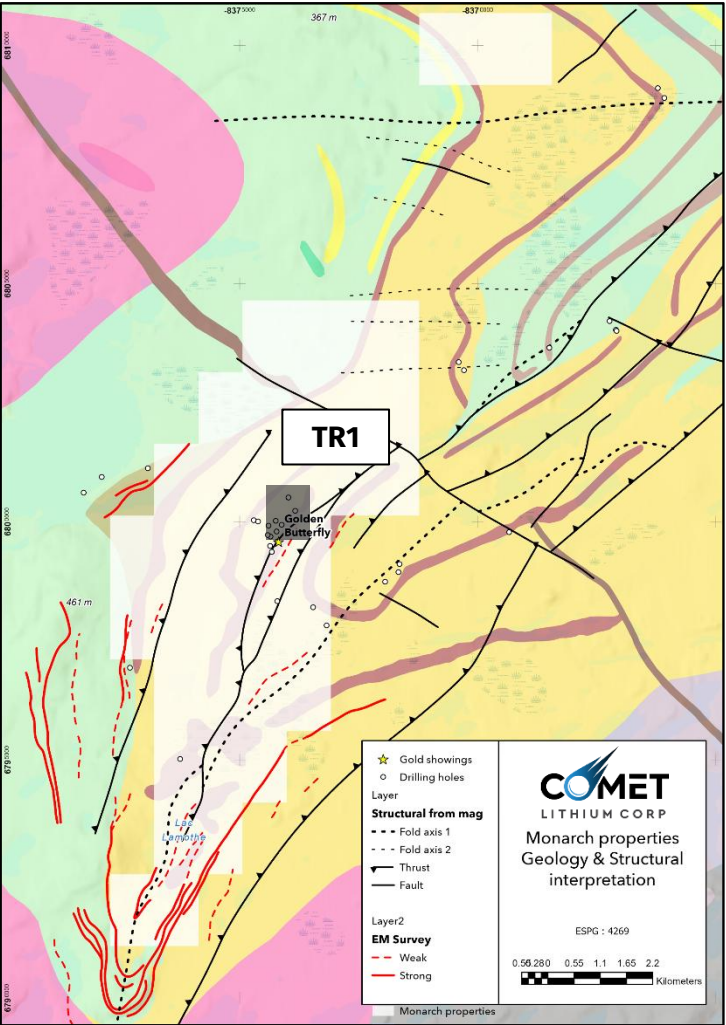
MONARCH PROPERTY

- The main showing on the Property is the BIF-Au hosted Golden Butterfly trench.
- The southern area of the propriety is also composed by massive sulfide units which remain largely under-explored

THE MONARCH PROPERTY – Golden Butterfly Trench – 4.82 g/t Gold over 4.5 M in channel 10

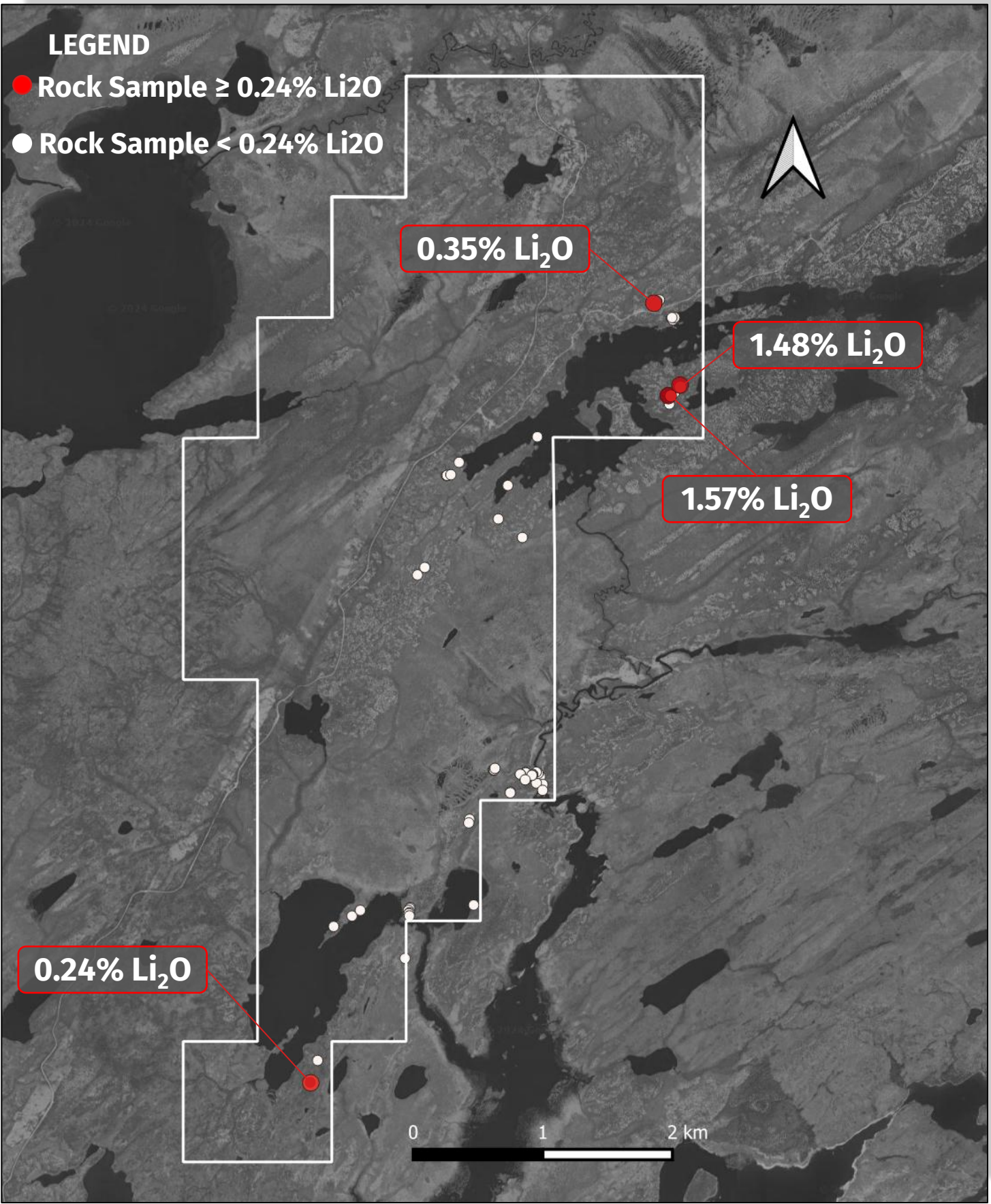
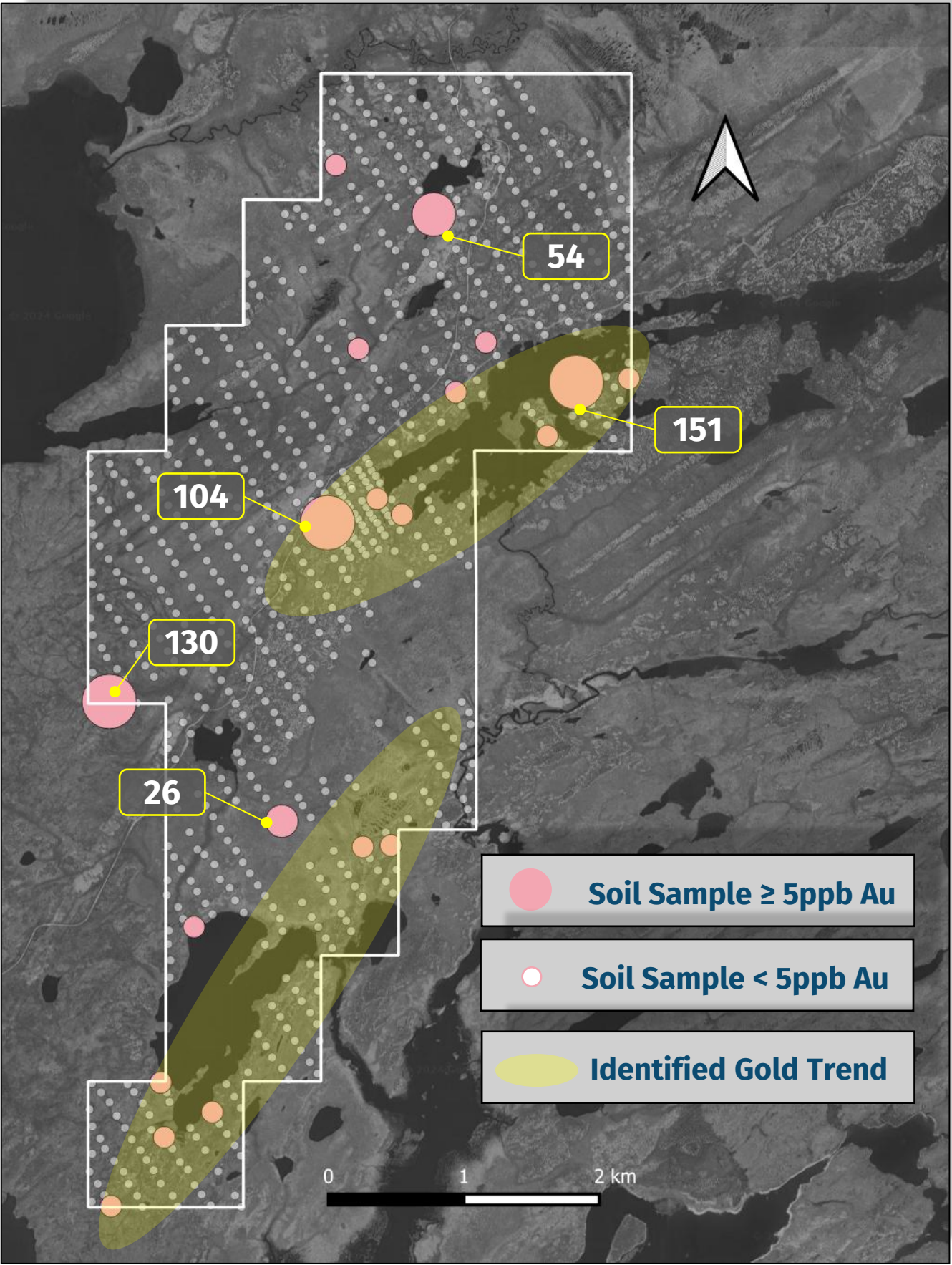


Name	MON22_TR1
Litho	BIF
Type deposit	BIF Gold hosted
Ore	Au, Fe
Min	Ars, Py, Po, Chl



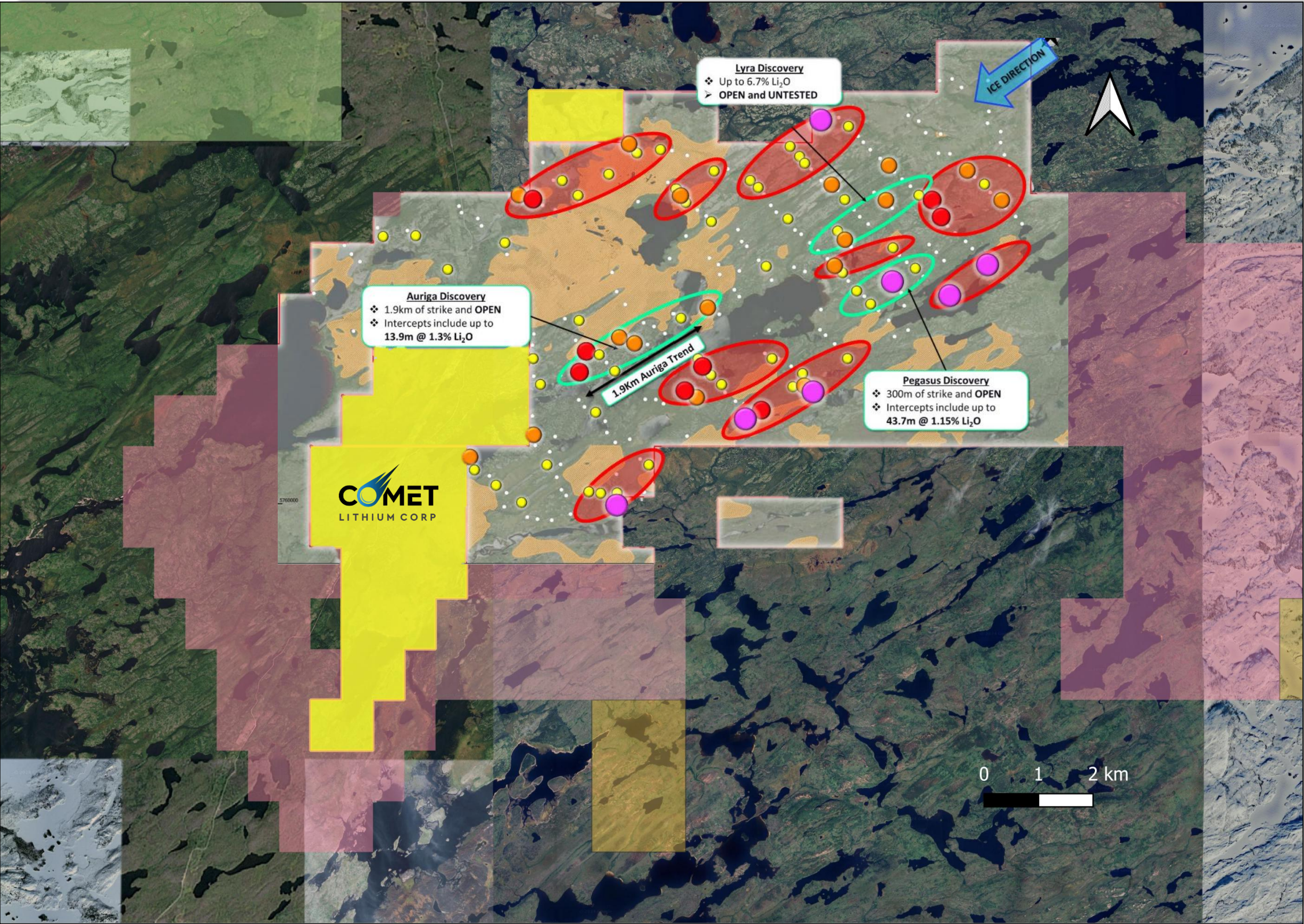
2023 GOLD SOIL SAMPLING PROGRAM + ROCK SAMPLING

Two identified target areas on trend with Golden Butterfly



MONARCH PROPERTY

Adjacent to recent discoveries and spodumene-bearing pegmatites



OPERATORS

- Comet Lithium
- Cygnus Metals
- Azimut Exploration
- Midland / Rio Tinto

LEGEND

- Known Spodumene Pegmatite
 - Till Target
 - Swamp (No Data)
- Till Anomalism Coefficient
- 8 - 10
 - 4 - 8
 - 2 - 4
 - 1 - 2
 - <1

Source: Comet Lithium Corp and Cygnus Metals press release
<https://wcsecure.weblink.com.au/pdf/CY5/02807773.pdf>

TRIPLE LITHIUM – ON TREND WITH NEW MAJOR CU-NI DISCOVERY

Lion Copper-Nickel Major Discovery from Power Metallic



OTHER STRATEGIC ASSETS

Unparallel positioning through additional assets

MONARCH

Target: Gold & Lithium
Discoveries to be followed up.

TRIPLE LITHIUM (LIDOS, LINAS, LICORNE)

Target: Nickel, Copper & Lithium
Located on strike with the Wabouchi Deposit and Power Nickel Nisk Project

GALLI

Target: Lithium
Located 20km east of Patriot's Corvette

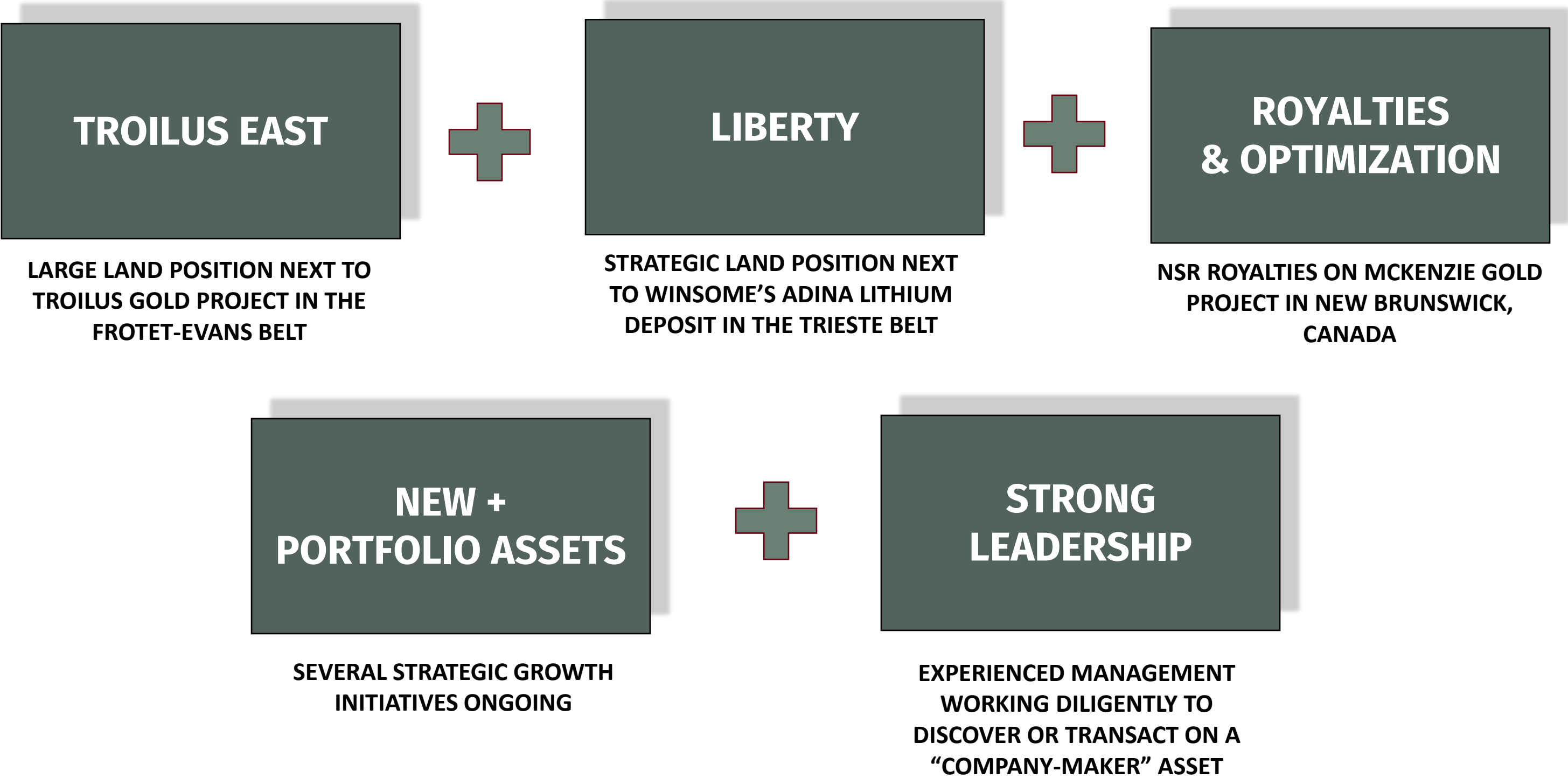
DUCRAN

Target: Gold, Silver & Copper
Located 15 km south of the town of Chapais



COMET VALUE PROPOSITION

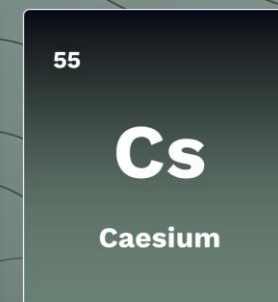
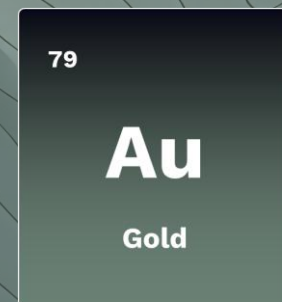
ASSETS TO LEVERAGE LONG-TERM VALUE FOR SHAREHOLDERS



QUEBEC FOCUSED – Quebec positioning to become the major metals supplier of North America’s growing electrification effort, translating to strong governmental and financial support.



**POSITIONED WITHIN
THE NEXT MAJOR QUEBEC EXPLORATION CAMPS**



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OTC: **XTRRF**
FRANKFURT: **8QY**