



**SORRENTO**  
RESOURCES

# Gold Exploration in Newfoundland

**CSE:SRS | OTCQB:SRSLF**



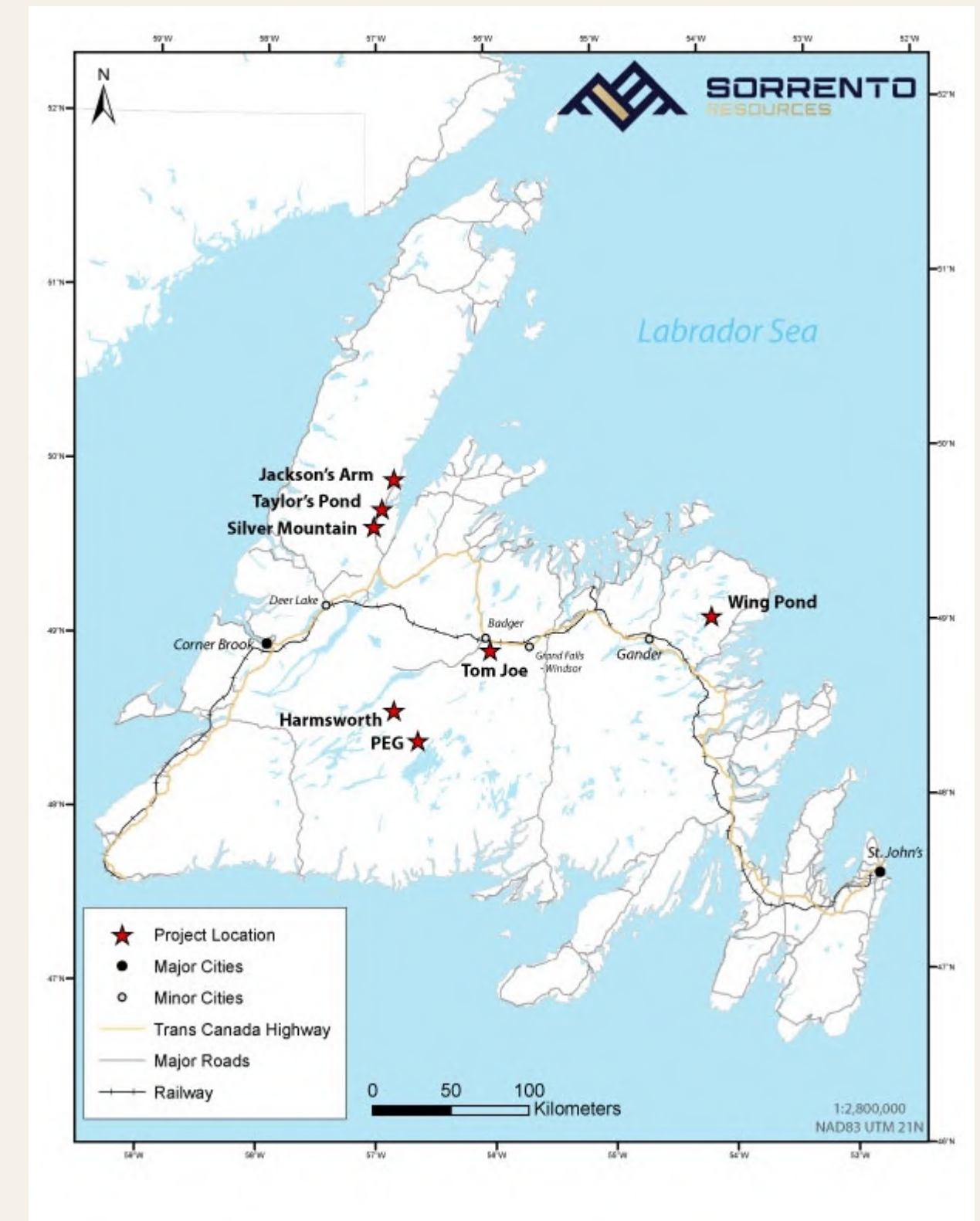
This presentation contains “forward-looking information” within the meaning of applicable Canadian securities legislation, and “forward-looking statements” within the meaning of applicable United States securities legislation (collectively referred to as “forward-looking information” (“FLI”). All statements, other than statements of historical fact, are FLI and can be identified by the use of statements that include words such as “anticipates”, “plans”, “continues”, “estimates”, “expects”, “may”, “will”, “projects”, “predicts”, “proposes”, “potential”, “target”, “implement”, “scheduled”, “intends”, “could”, “might”, “should”, “believe” and similar words or expressions. FLI in this presentation includes, but is not limited to: exploration of the Wing Pond project, including expected costs of drilling and timing to achieve certain milestones, including timing for completion of drilling programs; the Company’s ability to successfully fund, or remain fully funded for exploration of any of the Projects (including with any potential strategic partners); any anticipated impacts of COVID-19 on the Projects, the Company’s financial position or operations, and the expected timing of announcements in this regard;

The projects involves known and unknown risks, assumptions and other factors that may cause actual results or performance to differ materially. This FLI reflects the Company’s current views about future events, and while considered reasonable by the Company at this time, are inherently subject to significant uncertainties and contingencies. Accordingly, there can be no certainty that they will accurately reflect actual results. Assumptions upon which such FLI is based include, without limitation: current technological trends; the business relationship between the Company and its business partners and vendors; ability to fund, advance and develop each of the Projects, including results therefrom and timing thereof; the ability to operate in a safe and effective manner; uncertainties related to receiving and maintaining exploration, environmental and other permits or approvals in the respective jurisdictions; any unforeseen impacts of COVID-19; demand for gold, silver and base metals; impact of increasing competition in the mineral exploration business, including the Company’s competitive position in the industry; general economic conditions, including in relation to currency controls and interest rate fluctuations;

Sorrento’s actual results, programs and financial position could differ materially from those anticipated in such FLI as a result of numerous factors, risks and uncertainties, many of which are beyond Sorrento’s control. These include, but are not limited to: neither of the Projects may be explored or developed as planned; uncertainty as to whether cost-overruns; market prices affecting development of the Projects; the availability and ability to secure adequate financing and on favourable terms; risks to the growth of the gold markets; inability to obtain required governmental permits; any limitations on operations imposed by governments in the jurisdictions where we operate; technology risk; inability to achieve and manage expected growth; political risk associated with foreign operations; changes in government regulations, including currency controls; changes in environmental requirements; failure to obtain or maintain necessary licenses, permits or approvals; risks associated with COVID-19; insurance risk; litigation risk.

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PROJECT NAME	No. LICENSES	No. CLAIMS	No. HECTARES	COMMODITY
Wing Pond	9	476	12825	Orogenic Au
PEG	1	181	4525	LCT Pegmatite
Tom Joe	3	92	2300	Orogenic Au
Harmsworth	1	50	1250	VMS (Cu, Pb, Zn, Ag)
Taylor's Pond	1	83	2075	Orogenic Au
Silver Mountain	1	17	425	Orogenic Au
Jackson's Arm	1	43	1075	Orogenic Au





## Wing Pond Property

The Wing Pond Property is a camp-scale exploration opportunity in Eastern Newfoundland, located roughly 40 km east-northeast of Gander, Newfoundland, Canada. The Property consists of seven (9) mineral licenses comprising 476 Newfoundland and Labrador mineral claims and covers an area of approximately 12,825 hectares. No previous drilling has ever been carried out on this property.



## LOCATION

# Newfoundland: The Island of Gold

Newfoundland is rated 8th in the world as a mining jurisdiction by the Fraser Institute. It is a mining-friendly jurisdiction with very reliable transportation and excellent power infrastructure.

The Province is host to a strong workforce and is very business friendly, which is why the provincial government has announced an initiative to build 5 new mines by 2030.

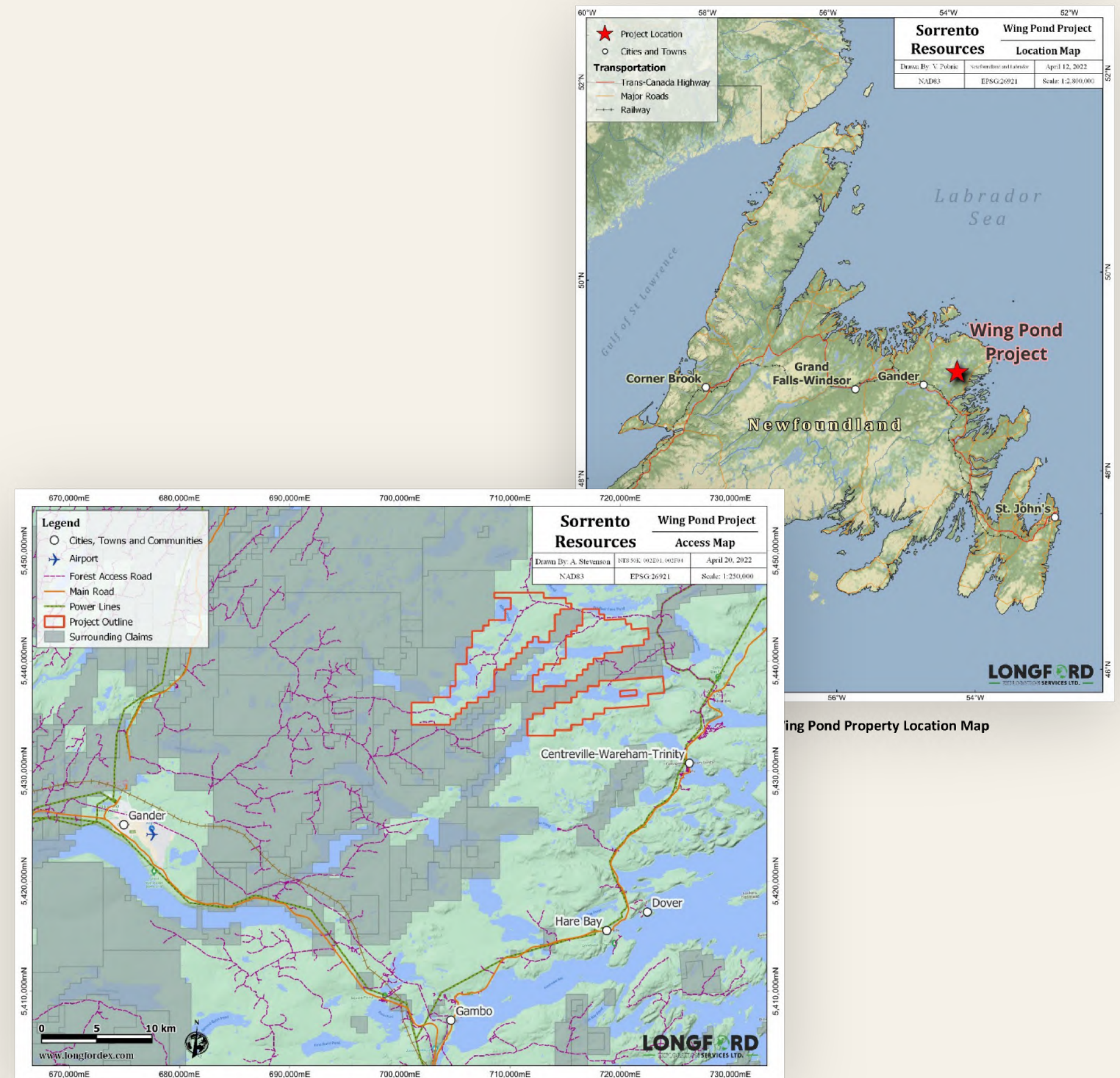


Figure 5-1: Wing Pond Property Location and Access Map



## HISTORY

*The Gander Gold Belt*

The Gander Gold Belt is one of Newfoundland's largest and most prospective land packages for new grassroots discoveries, with several developing high-grade zones including New Found Gold's spectacular Keats Zone as well as the Valentine Lake Deposit.

Historical exploration is indicative of auriferous prospectivity, with several gold discoveries in the Gander Gold District that are being actively developed. These encouraging discoveries have positioned Newfoundland as one of the world's most prolific emerging gold belts.

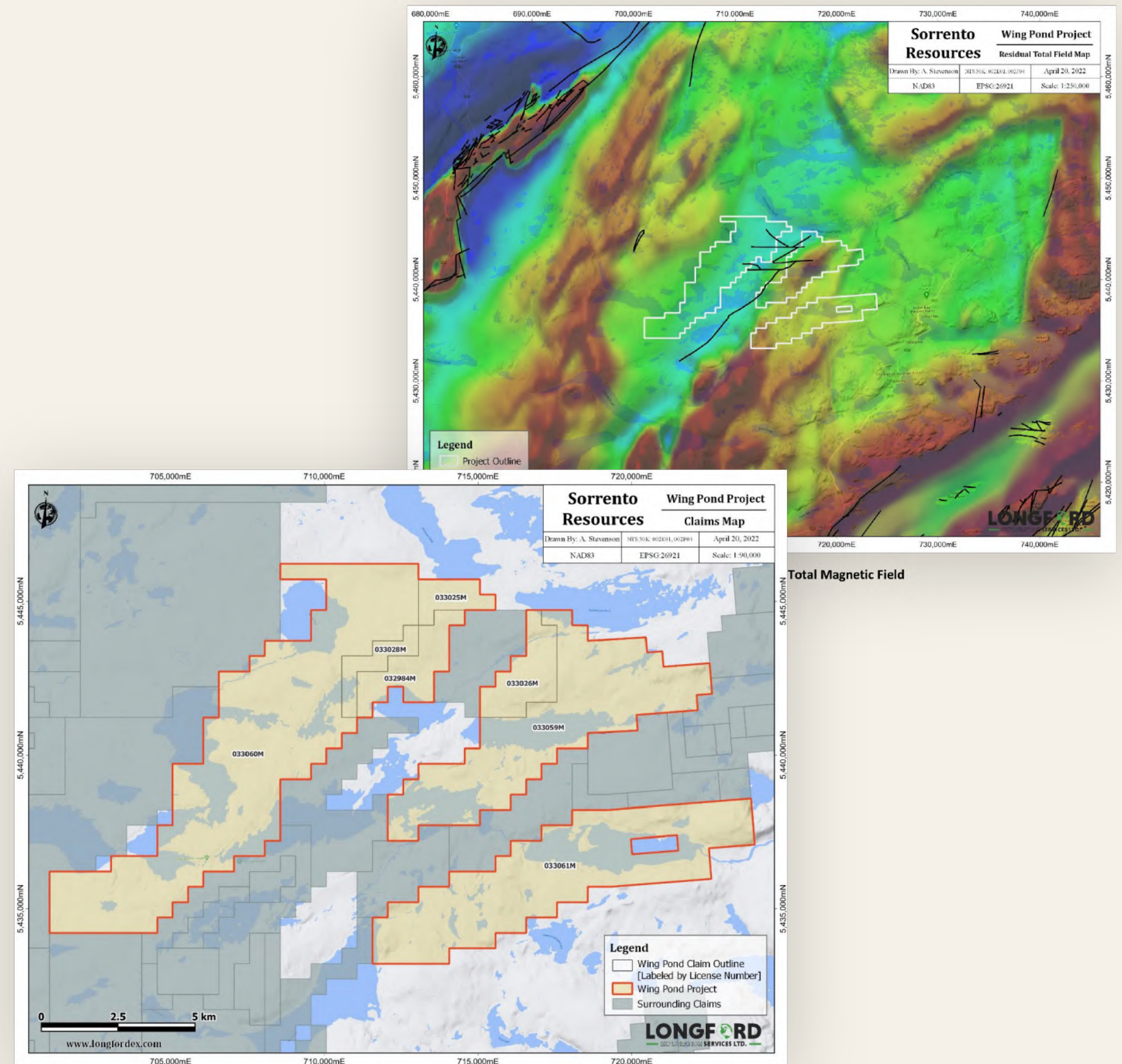


Figure 4-2: Wing Pond Property Claims Map.

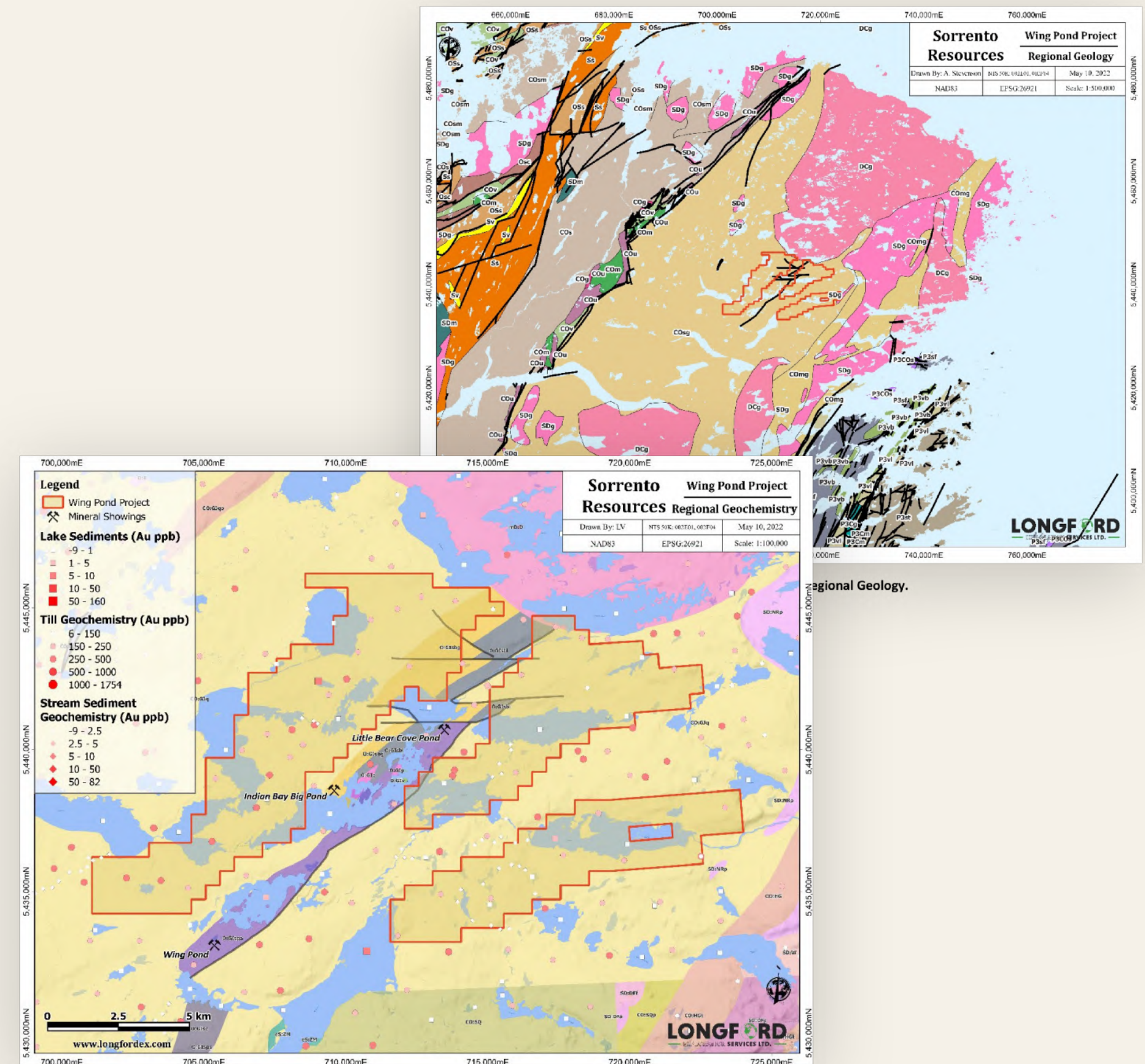


## GEOLOGY

# Promising Geochemistry

The Wing Pond project is located in well-known geology that is host to multiple epithermal systems that are yet to be explored. Gold-arsenic anomaly zones have been identified from soil sampling that relate to potential shear hosted gold mineralization.

Key features of the site include a series of deep crustal breaks formed by the opening and closing of the Iapetus Ocean about 400 million years ago. Deep crustal breaks are often associated with potential high-grade gold deposits, confirmed by the number of large gold systems that have been found along these major suture zones in recent times.



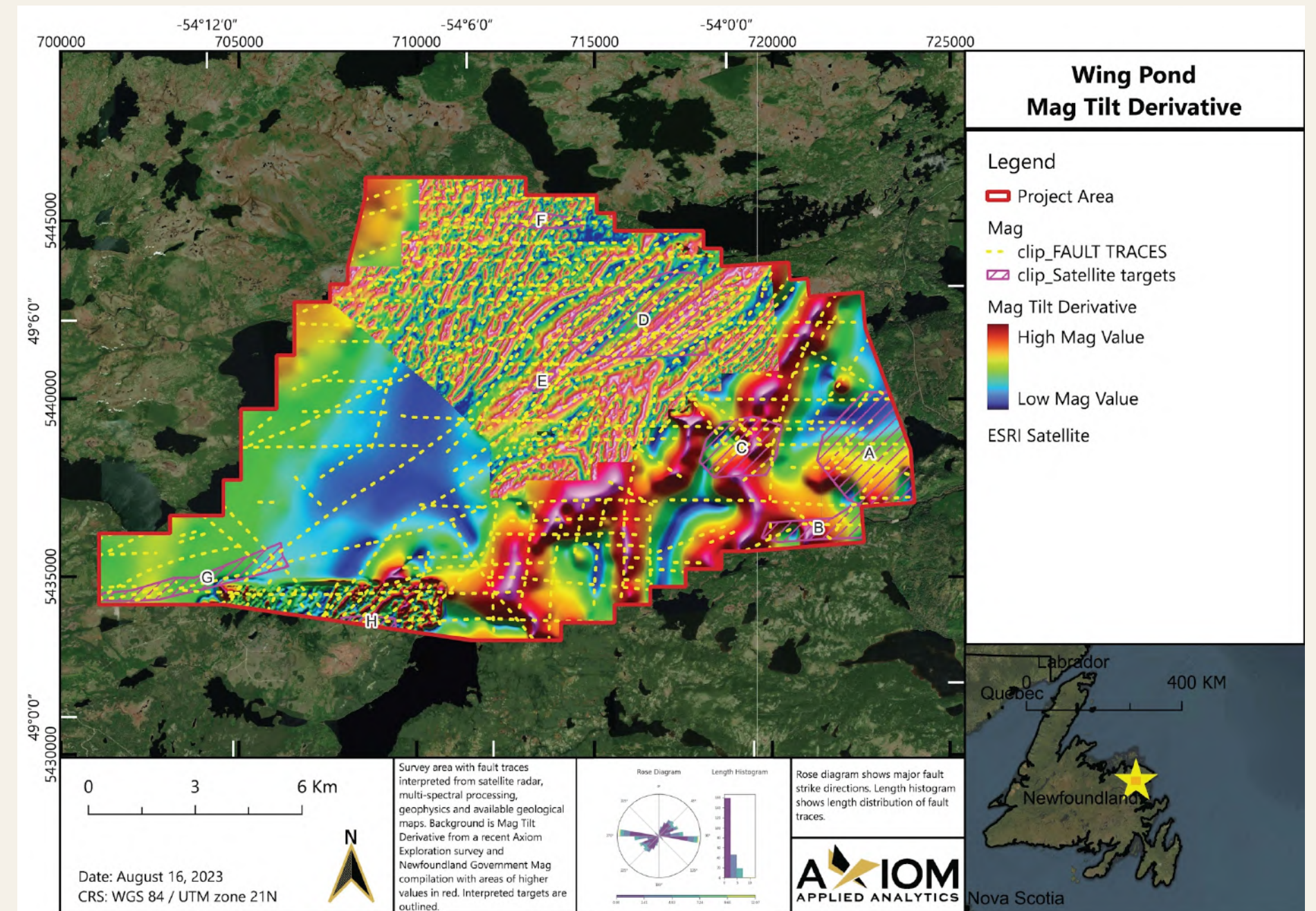
**Figure 6-1: Historical Lake Sediment, Till, and Stream Sediment Geochemistry Sample Results Completed by the Newfoundland Department of Mines and Energy, see Figure 7-6 for Geological Legend Entries.**



# Lithostructural Interpretation

## PHASE 1

- Eight target areas (Target A through H) were identified based on the highest concentrations of ferric oxides, such as hematite, primarily located along fault traces.
- It is evident that the anomalies originate from fault lines, suggesting that faults are likely focal points for potential mineralization.
- The study has successfully identified several faults structures in the area, characterized by two predominant orientations: NW and ENE.

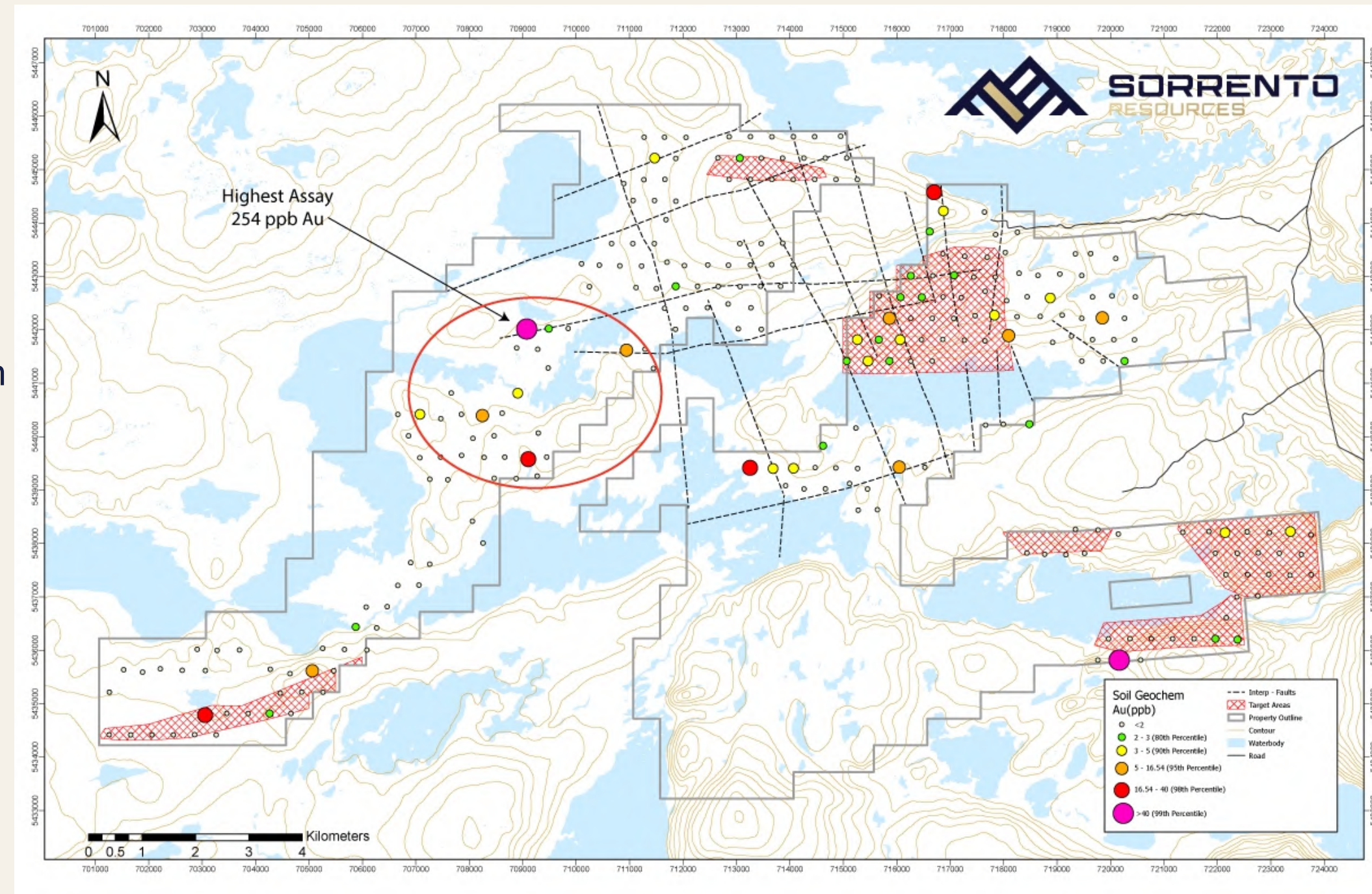




# Geochemical Sampling

## PHASE 2

- A two-phase exploration was carried out in Q4 2023 with the objective of identifying potential mineralized zones and confirm the anomalies generated from the lithostructural and remote sensing work.
- The highlighted area represents an area which returned the highest gold value (254ppb Au) and the highest arsenic value (0.27% As) from two separate samples.
- Several lower level anomalies are evident along interpreted faults and lithostructural target areas that should be follow up on with prospecting, mapping, and tighter spaced geochemical sampling.





# Tom Joe Property

The Property consists of 3 mineral licenses comprised of 92 claims and covers an approximate area of 2,300 ha. Title to these mineral licenses is 100% registered in the name of Sorrento Resources inc.

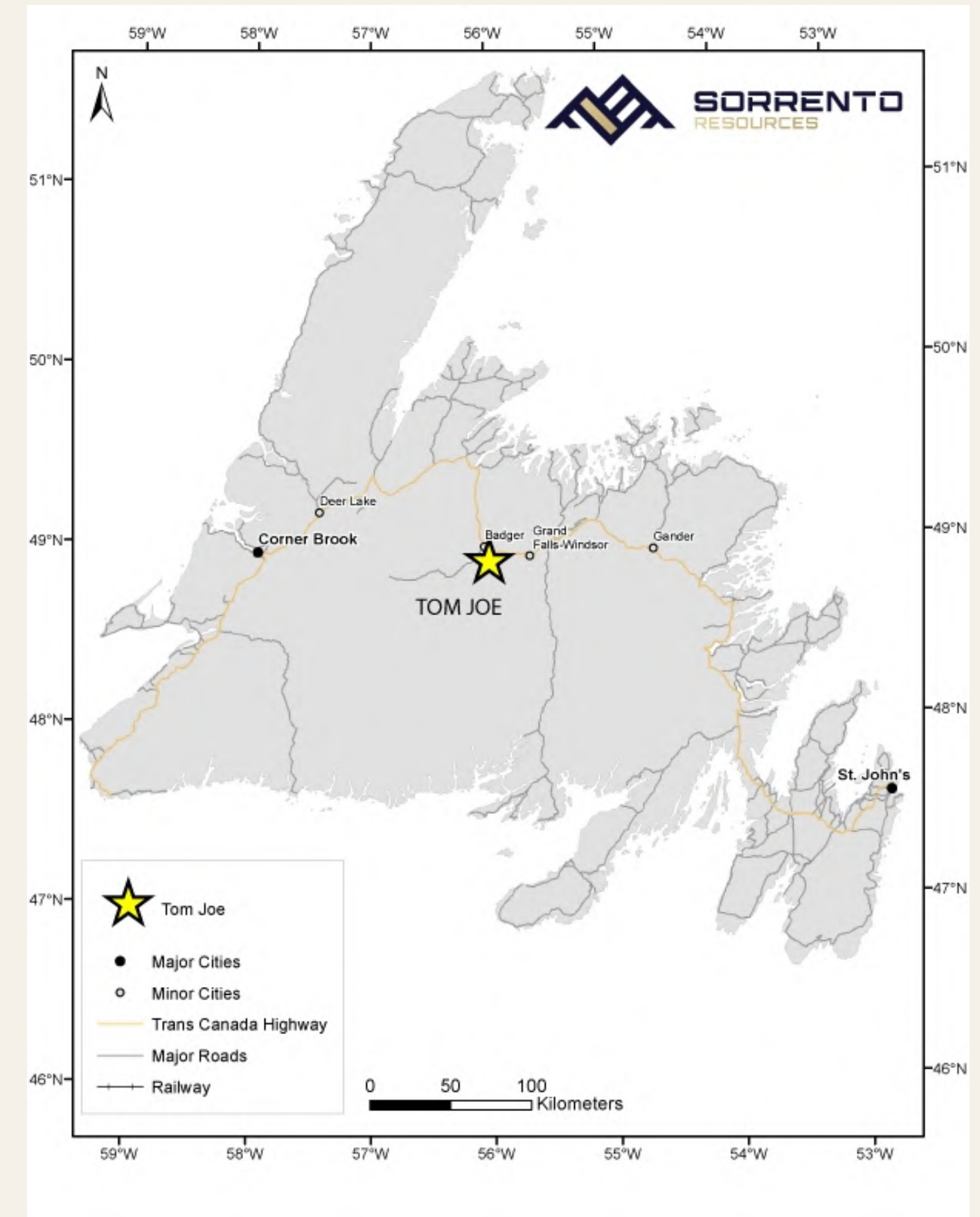


# Tom Joe

## *Au*

The Tom Joe Property is located Central Newfoundland, just south of the community of Badger, NL; however, the easiest access point is via Grand Falls Windsor.

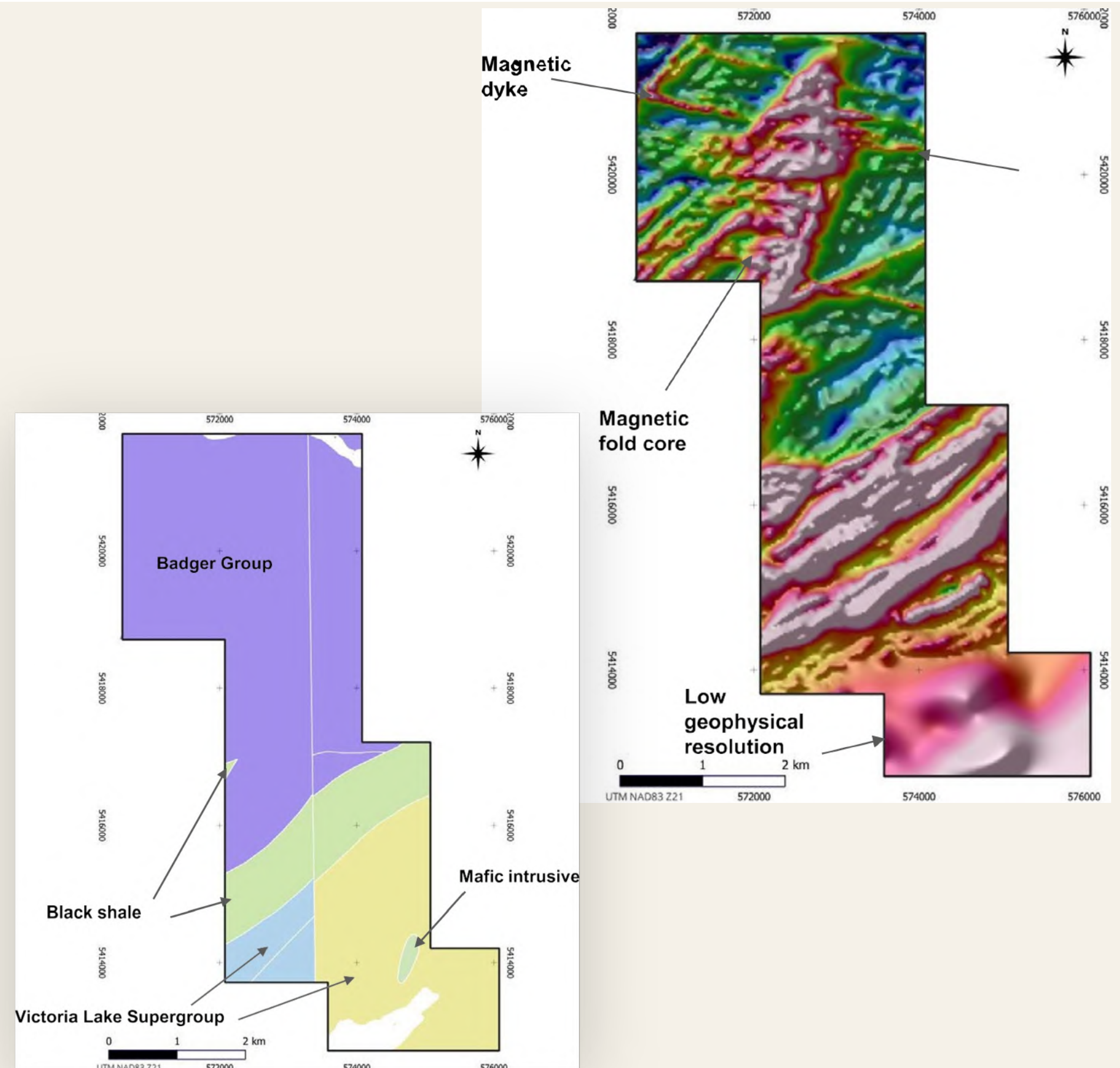
The Property covers geophysical and structural features indicative of known gold prospects and deposits in the area such as the nearby Golden Promises Prospect to the west and the Moosehead and Crippleback Lake gold zones to the east.





# Property Geology

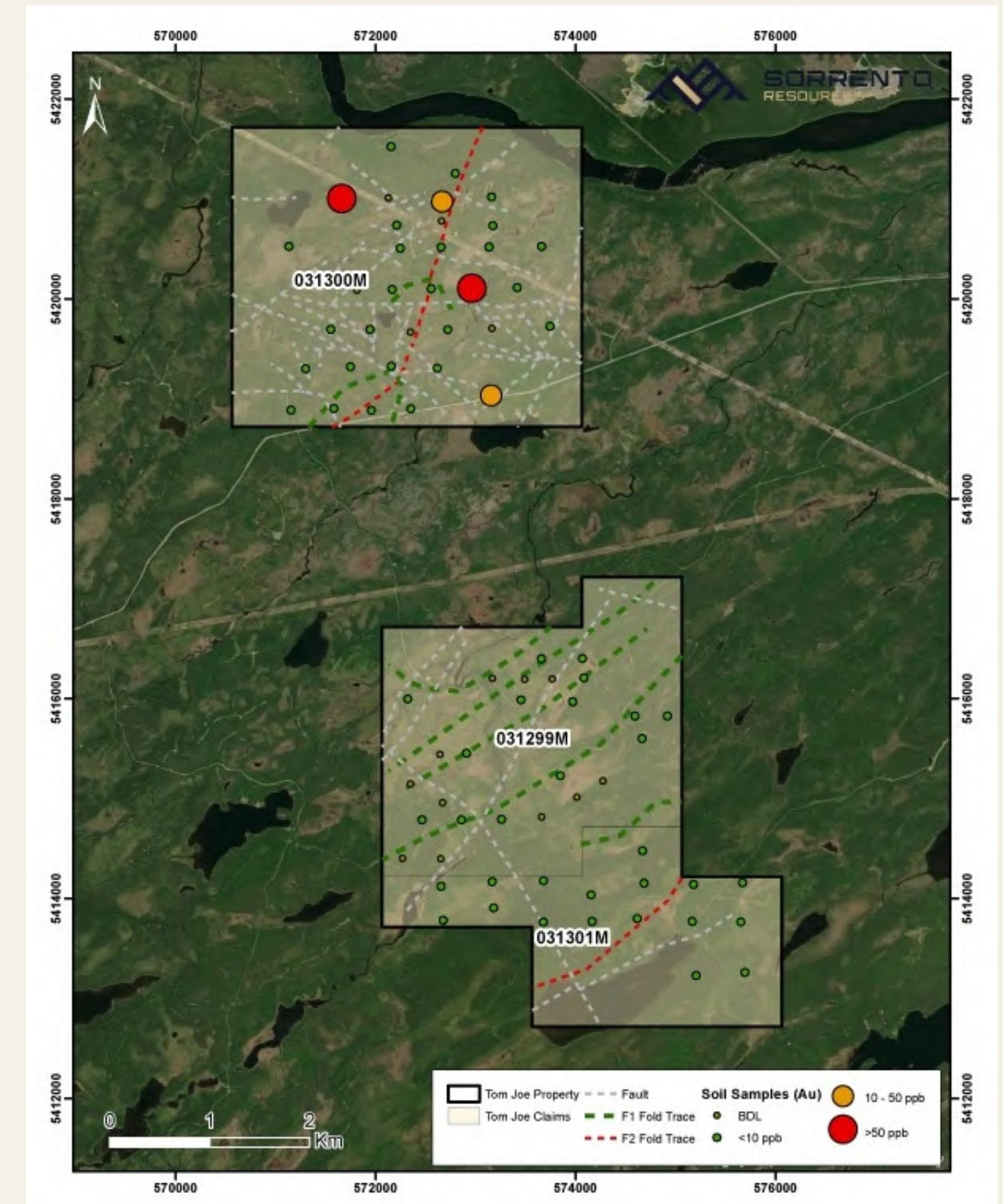
- The Property lies within the Notre Dame Subzone
- Early Cambrian-Mid Ordovician Victoria Lake Supergroup marine sedimentary rocks and basalt (Harpoon Brook Basalt) dominate the southeastern half of the Property.
- Late Ordovician-Early Silurian Badger Group marine sandstones dominate the northwestern half of the Property. Rocks of the Victoria Lake Supergroup are separated from the Badger Group by a NE-trending late-Ordovician black shale.
- A previously unmapped fold hinge in the northern part of the Property suggests that mafic volcanics associated with the Victoria Lake Supergroup in the south of the Property are folded and may be repeated to the north in an area of mapped Badger Group.
- Mesothermal gold sites are particularly prospective within the main F2 structure in the north.






## 2023 Exploration

- In total 77 soil samples and 18 grab samples were collected and sent for analysis. The soil samples were collected over an ~400m x 400m spaced grid.
- The objective of the work program was to investigate the perspectivity of the fold hinges and structures identified in previous work and their potential to host gold mineralization.
- Four (4) soil samples returned values above background levels of gold in proximity to the fold hinge on claim 031300M.







# Great Northern Peninsula Properties



# Great Northern Peninsula

JACKSONS ARM, SILVER MOUNTAIN, TAYLOR'S POND

## *Jacksons Arm*

- The Property consists of 1 mineral license comprised of 43 claims and covers an approximate area of 1,075 ha

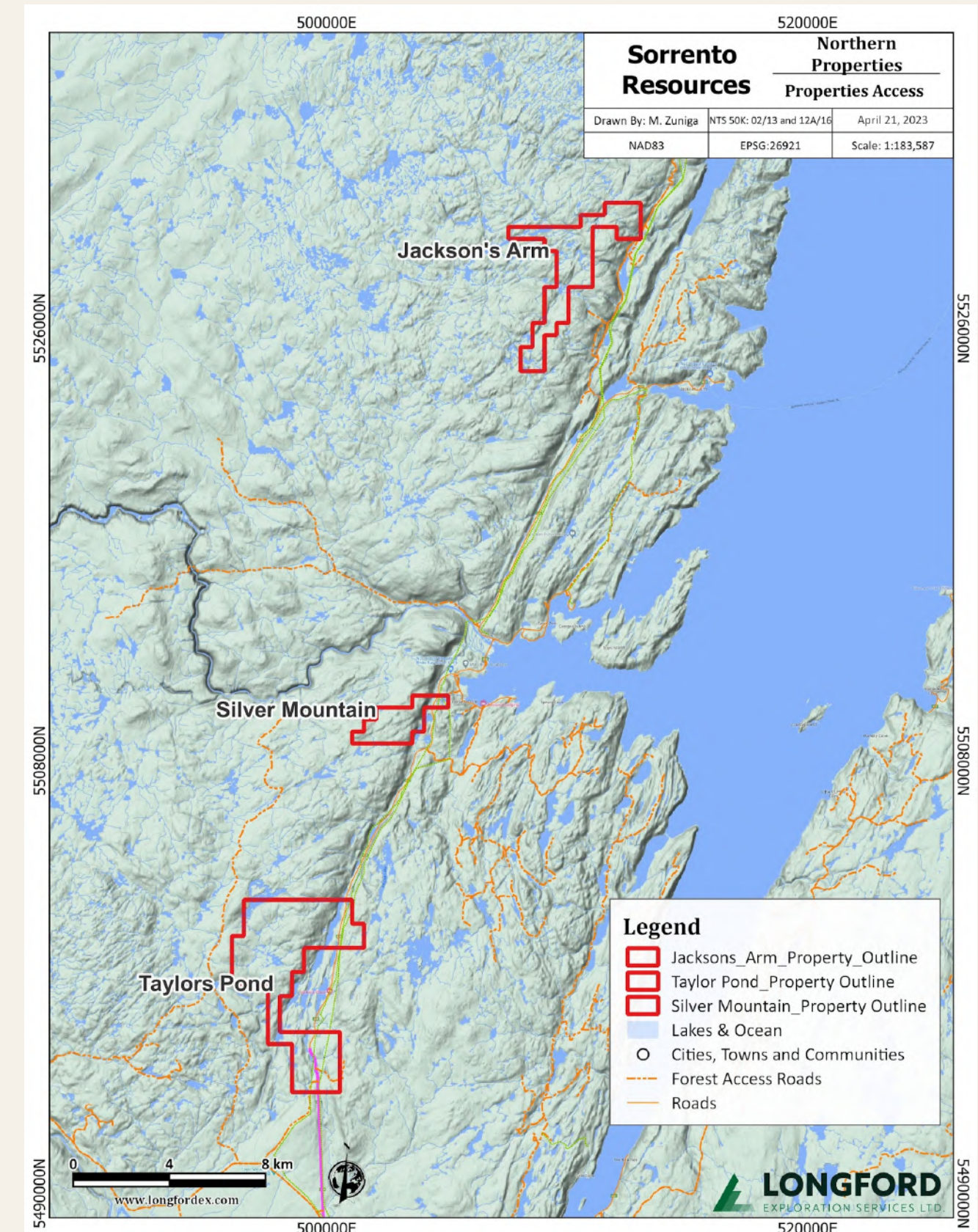
## *Silver Mountain*

- The Property consists of 1 mineral license, comprising a total of 17 claims. The Silver Mountain Property covers approximately 425.00 ha.

## *Taylor's Pond*

- The Property consists of 1 mineral license comprised of 83 claims and covers an approximate area of 2,075 ha.

*Title to these mineral licenses are 100% registered to Sorrento Resources Inc.*





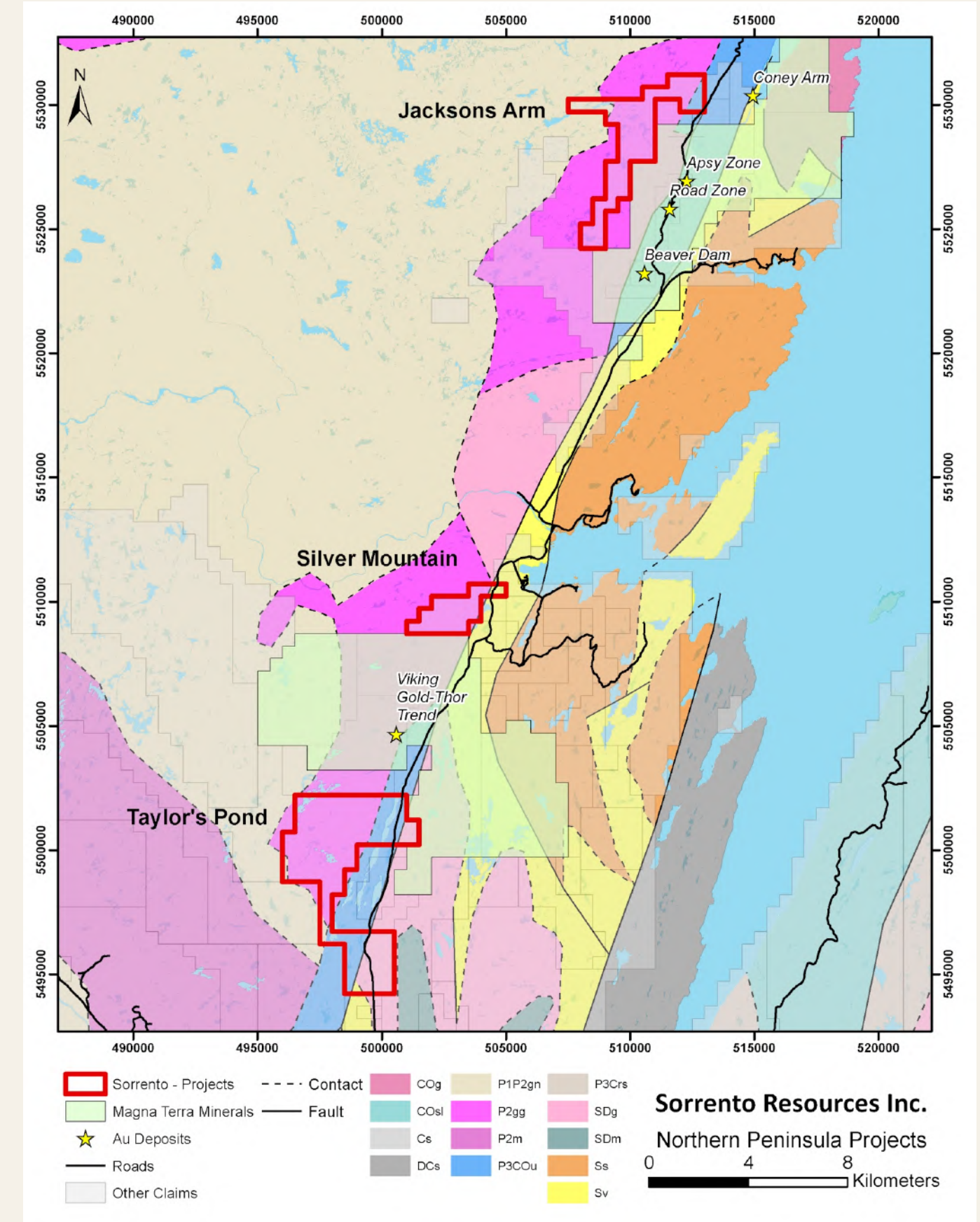
# Great Northern Peninsula

JACKSONS ARM, SILVER MOUNTAIN, TAYLOR'S POND

Adjacent to Magna Terra Minerals Inc's Great Northern and Viking Projects

The Viking and Great Northern Projects are host to significant Current Mineral Resources, including:

- An Inferred Mineral Resource Estimate of 5,460,000 tonnes at an average grade of 1.45 g/t gold containing 255,000 contained ounces at a cut-off grade of 1.0 g/t gold at the Rattling Brook Deposit; and
- An updated open-pit constrained Indicated Mineral Resource Estimate of 817,000 tonnes at an average grade of 1.70 g/t gold for 45,000 ounces and open-pit constrained Inferred Mineral Resources of 44,000 tonnes at an average grade of 1.27 g/t gold for 1,800 ounces at a cut-off grade of 0.46 g/t gold at the Thor Deposit.





# Harmsworth Property

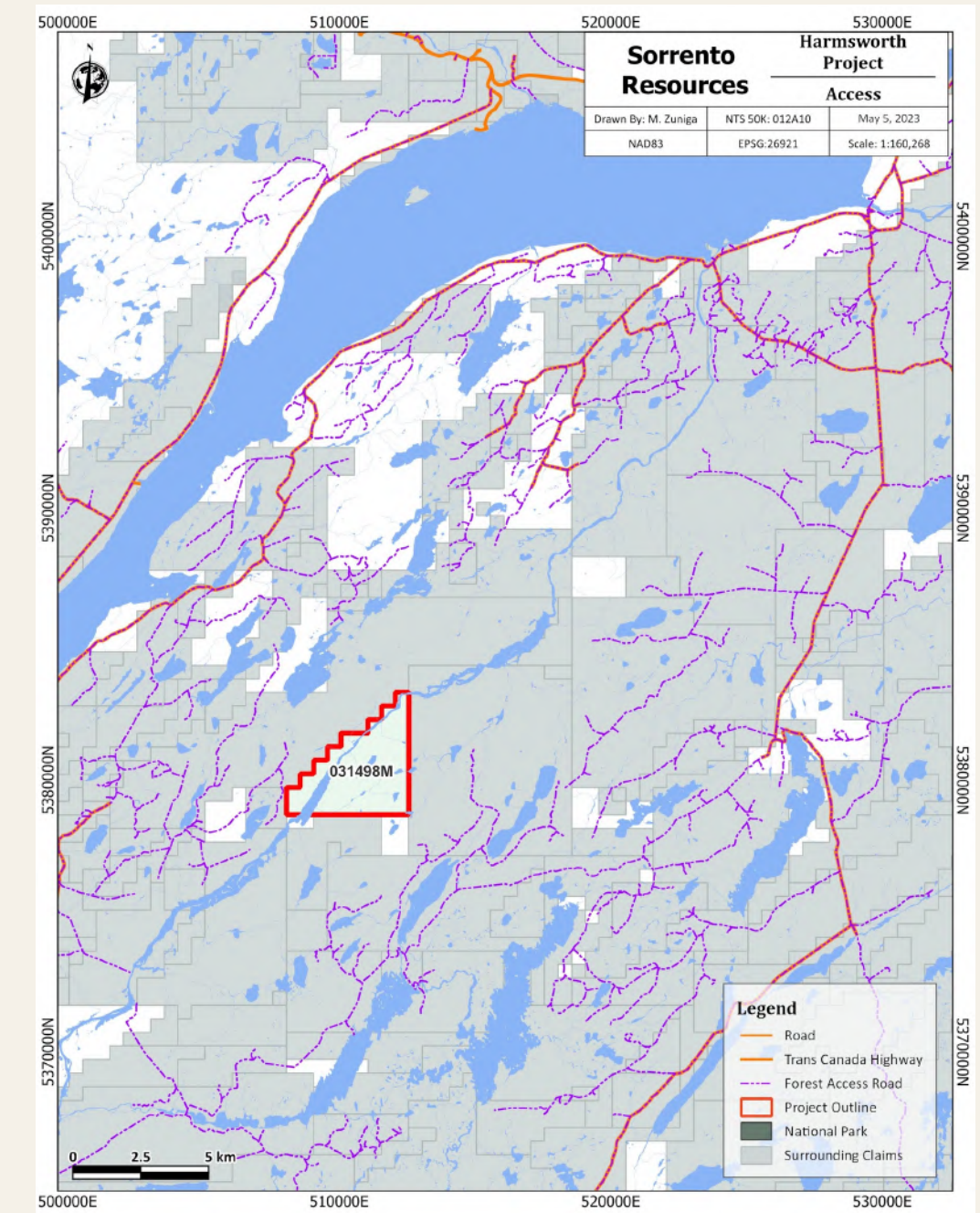
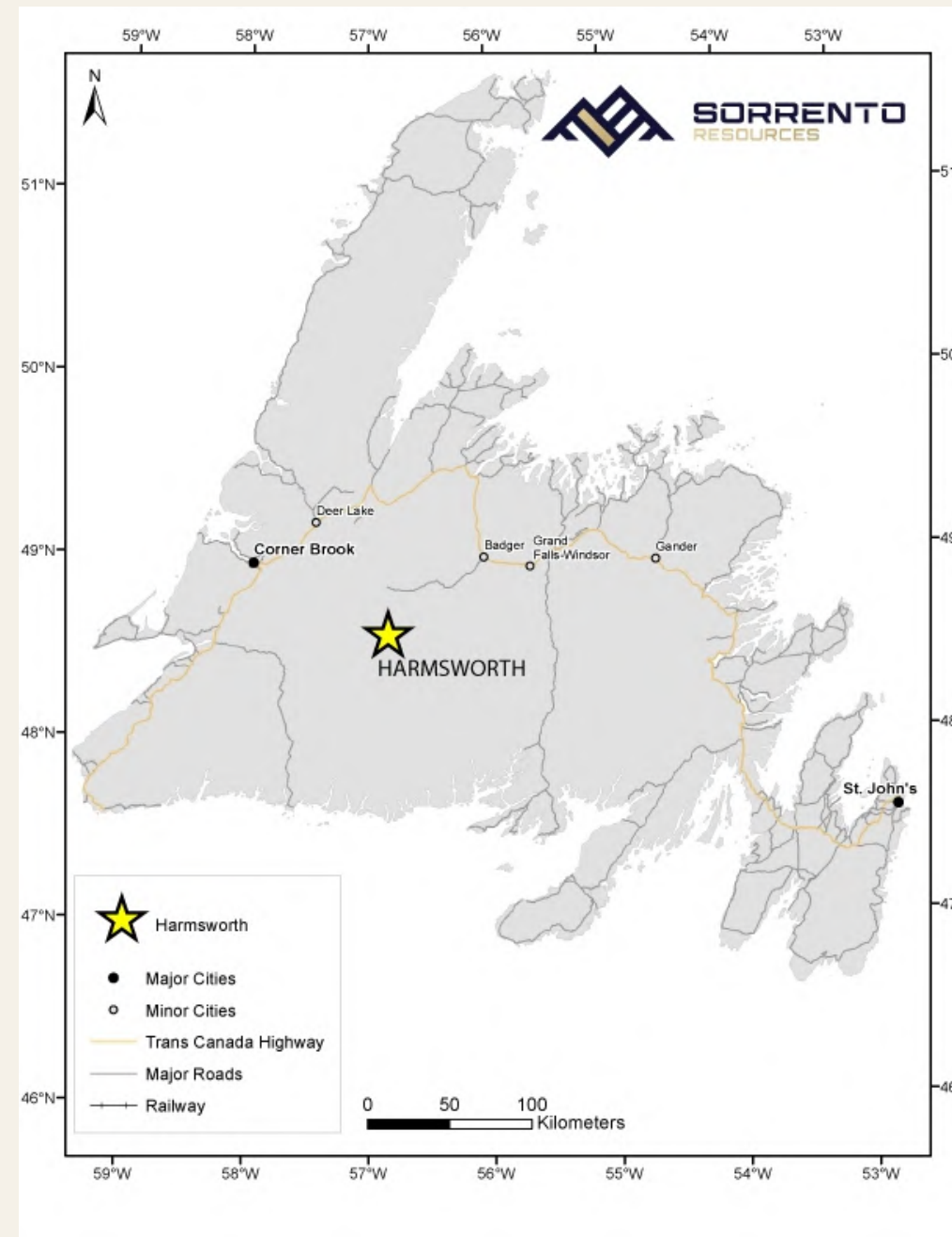
The Harmsworth Property is located in central Newfoundland, approximately 102 km southwest of the town of Badger. The Property consists of 1 mineral license comprised of 50 claims and covers an approximate area of 1,250 ha. Title to this mineral license is 100% registered to Sorrento Resources Ltd.



# Harmsworth VMS

Access to the Property is excellent, with an extensive network of logging in the area. The Property itself has a logging road covering the central portion of the claim block.

Tulks Belt hosts four (4) significant VMS deposits (Jack's Pond, Daniel's Pond, Bobby's Pond and Victoria Mines). Potential for Volcanogenic Massive Sulphide (VMS) deposits.





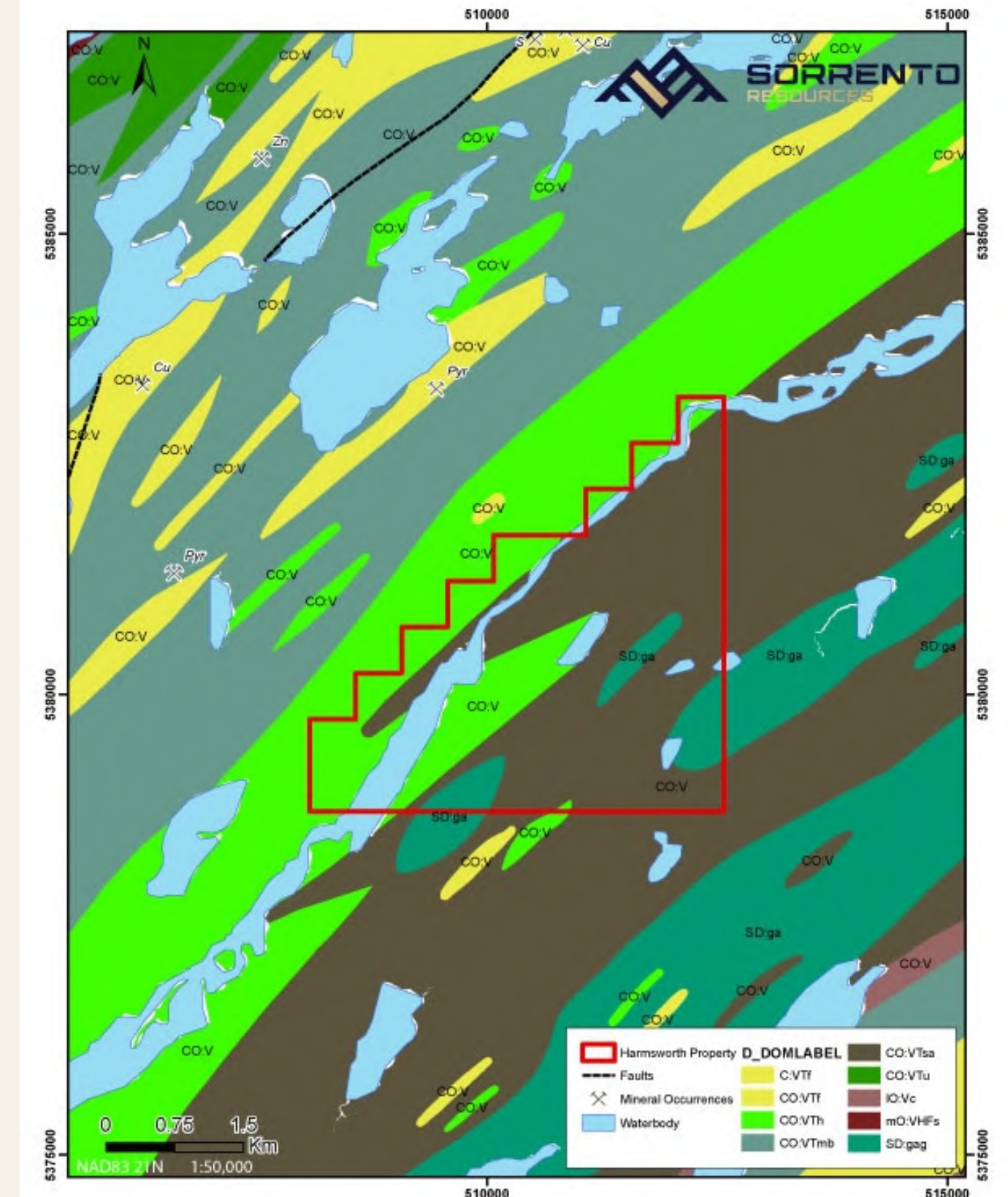
# Property Geology

The Property is underlain by the northeast portion of the Tulks Volcanic Belt; an informally named formation belonging to the Victoria Lake Group. Regionally, the 498 Ma sequence consists of felsic pyroclastics and flows with interbedded mafic volcanic units and fine grained, commonly graphitic, sediments. The felsic volcanic rocks are typically dacitic to rhyolitic in composition.

The northern portion of the Tulks Belt hosts 4 significant volcanogenic massive sulphide deposits; Jack's Pond, Daniel's Pond, Bobby's Pond and Victoria Mines as well as numerous showings such as the Roebuck, Sutherland Alteration Zones and the Parking Lot Showing

## 2022 Exploration Highlights

- Ag assays from grab samples up to 19.7g/t.
- Structurally complex corridor
- Recent logging in the area will allow for excellent access to the project





# PEG

The Property consists of 1 mineral license comprised of 181 claims and covers an approximate area of 4,525 ha. The Property is located in Central Newfoundland, approximately 100 km southwest of the community of Badger.

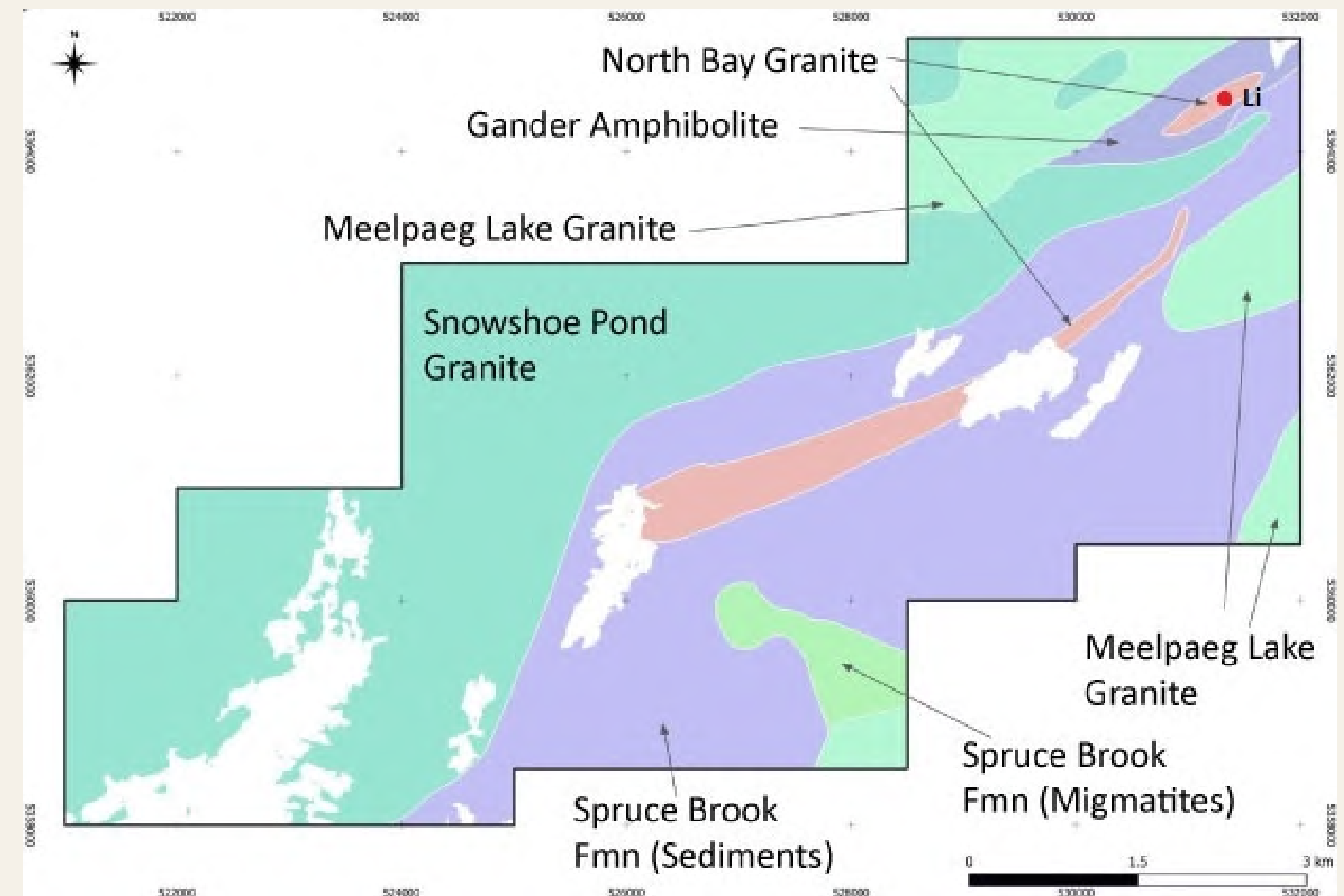


# Property Geology

## THE PROPERTY LIES WITHIN THE GANDER ZONE

Early Cambrian-Early Ordovician Spruce Brook Formation metasediments and migmatite form a belt that crosses the SE half. In the north Early Cambrian-Mid Ordovician mafic plutonic rocks of the Gander Amphibolite (incl. Gabbro, diabase) occur. Ordovician Snowshoe Pond Granite dominates the northwestern half of the Property. Late Silurian-Early Devonian North Bay Granite Suite (Meelpaeg Granite) occur in the north and east. NE-trending lenses of Late Silurian-Mid Devonian North Bay Granite intrude the Gander Amphibolite and Spruce Brook Formation.

The geological setting of the Snowshoe Pond pegmatite dykes is similar to that of the Superior Province pegmatites. They are located close to a major structural boundary between the Exploits and Meelpaeg subzones, and several are hosted in metasedimentary rocks of the Spruce Brook Formation.



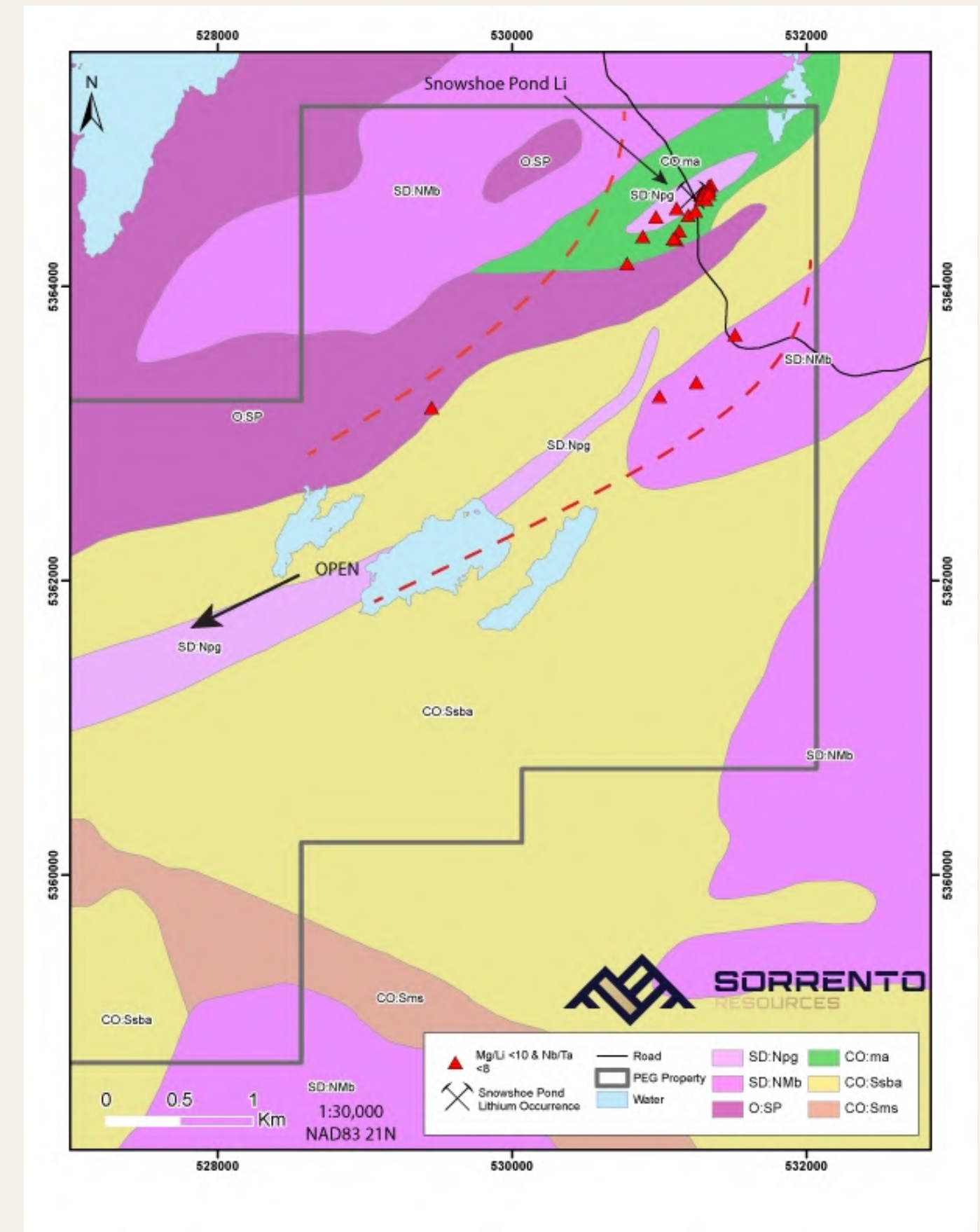


# 2023 Exploration

The presence of fertile granite has been confirmed on the Property. Fertile granites have elevated rare element contents, Mg/Li ratios  $<10$ , and Nb/Ta ratio  $<8$  (Selway, 2005). These ratios are also used to determine the degree of fractionation of the melt and area useful vectors LCT Pegmatite exploration.

An area of high fractionation has been defined on the Property that is approximately 1.5km in width and 3km in length and is open along strike to the southwest. This area contains mapped pegmatite dikes that are highly fractionated which is an indicator that this area is prospective for LCT mineralization.

The highest value returned from the program was 0.16% Li<sub>2</sub>O, taken from close proximity to the known Snowshoe Pond Lithium Occurrence. However, 71 samples collected returned  $>0.01\%$  Li<sub>2</sub>O, which is considered anomalous, and fall within the defined fractionation corridor which is believed to be the metasomatic alteration halo.





## Brayden Sutton

CEO, President & Director

Brayden Sutton has been an independent investor and analyst for over 17 years. During that time he has advised over 50 public companies and raised over \$100 million for Canadian start-ups.

## Samantha L. Shorter

Director

Ms. Shorter is a senior finance and accounting professional with 15 years of experience in the mineral exploration sector and has served as CFO of venture companies.

## T. Joshua Taylor

Director

Mr. Taylor has several years of experience in sales and marketing within the junior capital markets as well as the CPG and pharma industries.

## Bobby S. Dhaliwal

CFO & Corporate Secretary

Mr. Dhaliwal is an accountant with Red Fern Consulting Ltd. and works as a financial consultant with a number of TSX-V and CSE listed companies in the resources sector.

## Brent M. Clark

Director

Mr. Clark is a professional geologist and has been active in the exploration and mining industry for the past 10 years throughout Canada and Internationally.



An aerial photograph of a rugged coastline. In the foreground, a large, dark, rocky cliff juts out into the water. The water is a deep blue-green color. In the background, a green, hilly landscape stretches towards the horizon under a blue sky with scattered white clouds.

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