

“Seizing Opportunity and Creating Value”



EXPLORING in CANADA **MYSTERY** Au Project

TSX Venture: SSE
US OTCQB: SSEBF
Frankfurt: S6Q

www.silverspruceresources.com

May 2023



Cautionary Statement

TSX Venture: SSE

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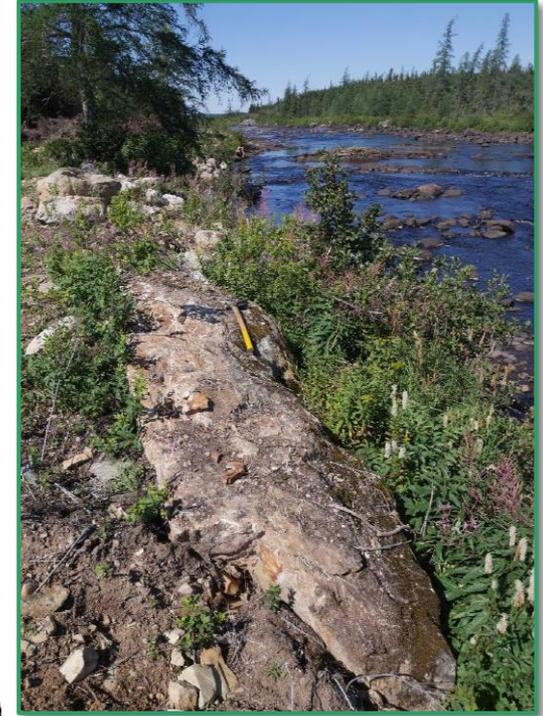


***Mystery
Au Project,
Newfoundland
and Labrador,
Canada***



Project Location Map

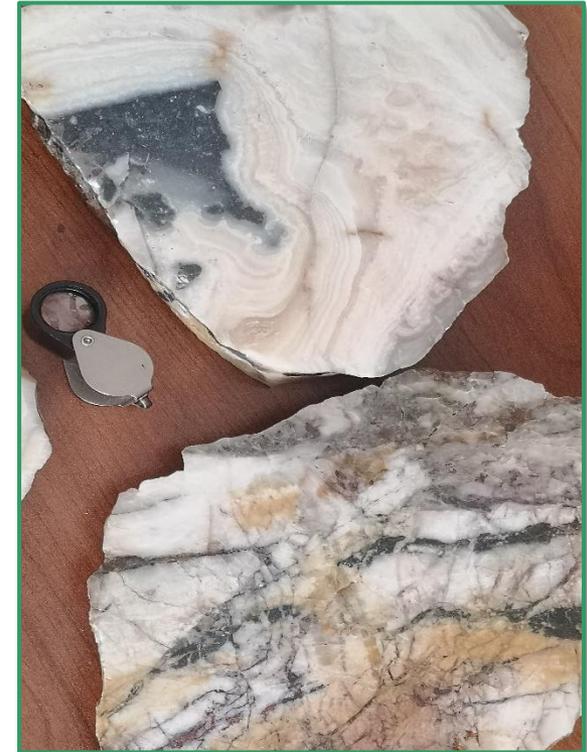
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Mystery - Project Overview

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- ✓ Silver Spruce is earning a 100% interest in the **14,790-hectare Mystery, Till and Marilyn** properties. Exploits Subzone Gold Belt in central Newfoundland near Sokoman Minerals and New Found Gold discoveries. Grassroots stage property.
- ✓ Mystery optioned the original 8,750 hectares in 2021 and recently acquired, by staking, contiguous claims covering 6,040 hectares for a total property size of 14,790 hectares.
- ✓ Vendor and due diligence samples mainly 1-3 g/t Au, up to **12.5 g/t Au, with strong As and Sb association**. Structural controls. Laminated to brecciated quartz-carbonate veins.
- ✓ Local and international analogues of epithermal to mesothermal deposits with extensive structurally controlled, locally high to very high grade vein and breccia hosted mineralization reported in nearby properties.



Mystery - The Potential

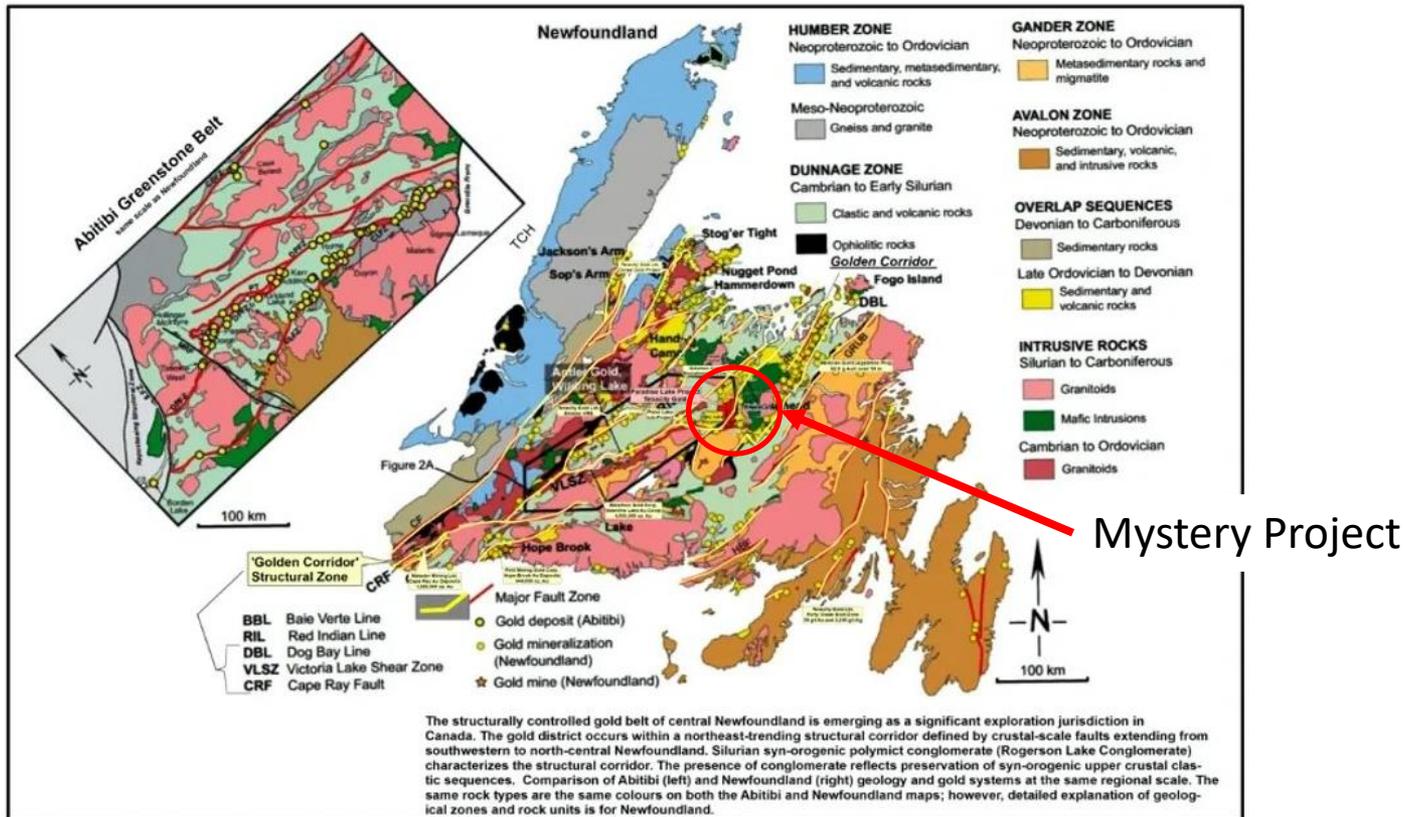
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- ✓ *Our initial site exploration verified mineral and rock textures common to shallow epithermal and/or orogenic 'mesothermal or lode' vein-style mineralization with Au-As±Sb geochemical association*
- ✓ *Highly anomalous As compared even to known high profile projects*
- ✓ *These key points are consistent with the regional Exploits Gold Belt, Newfoundland discoveries, such as Queensway, and significant global analogues such as Fosterville, Australia*
- ✓ *Multi-million ounce gold resources identified along major structures (e.g., Valentine)*
- ✓ *Beaverbrook Sb Mine west of Queensway*
- ✓ *Newfoundland offers a favorable regulatory environment, supportive communities, outstanding provincial geological survey, near year-round operating conditions, excellent property access and significant potential for new deposits*



Mystery - Regional Gold and Major Structures

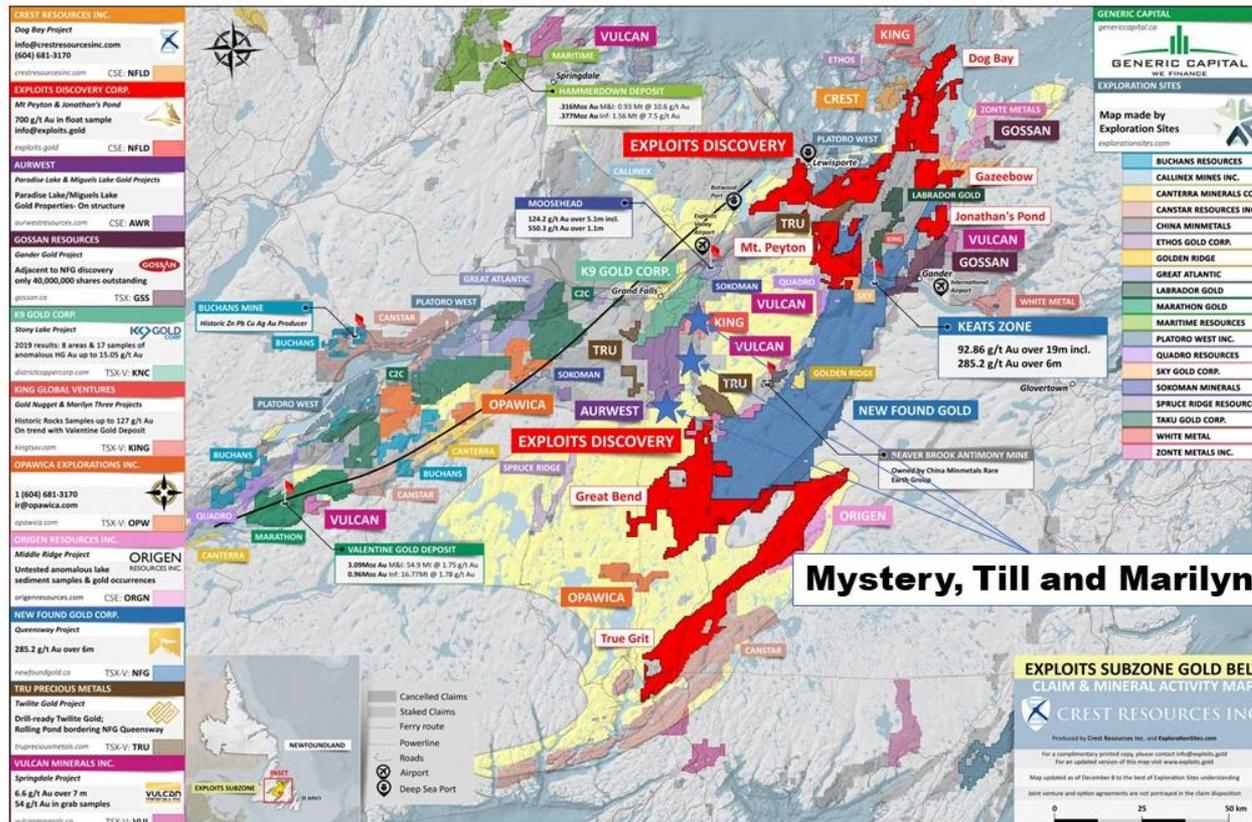
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Principal geological zones transecting to the northeast across Newfoundland with major structures noted in yellow and showings and deposits of mesothermal to epithermal gold. See size and style comparison to the Abitibi Greenstone Belt in Ontario and Quebec.

Mystery - Proximity to Regional Gold District

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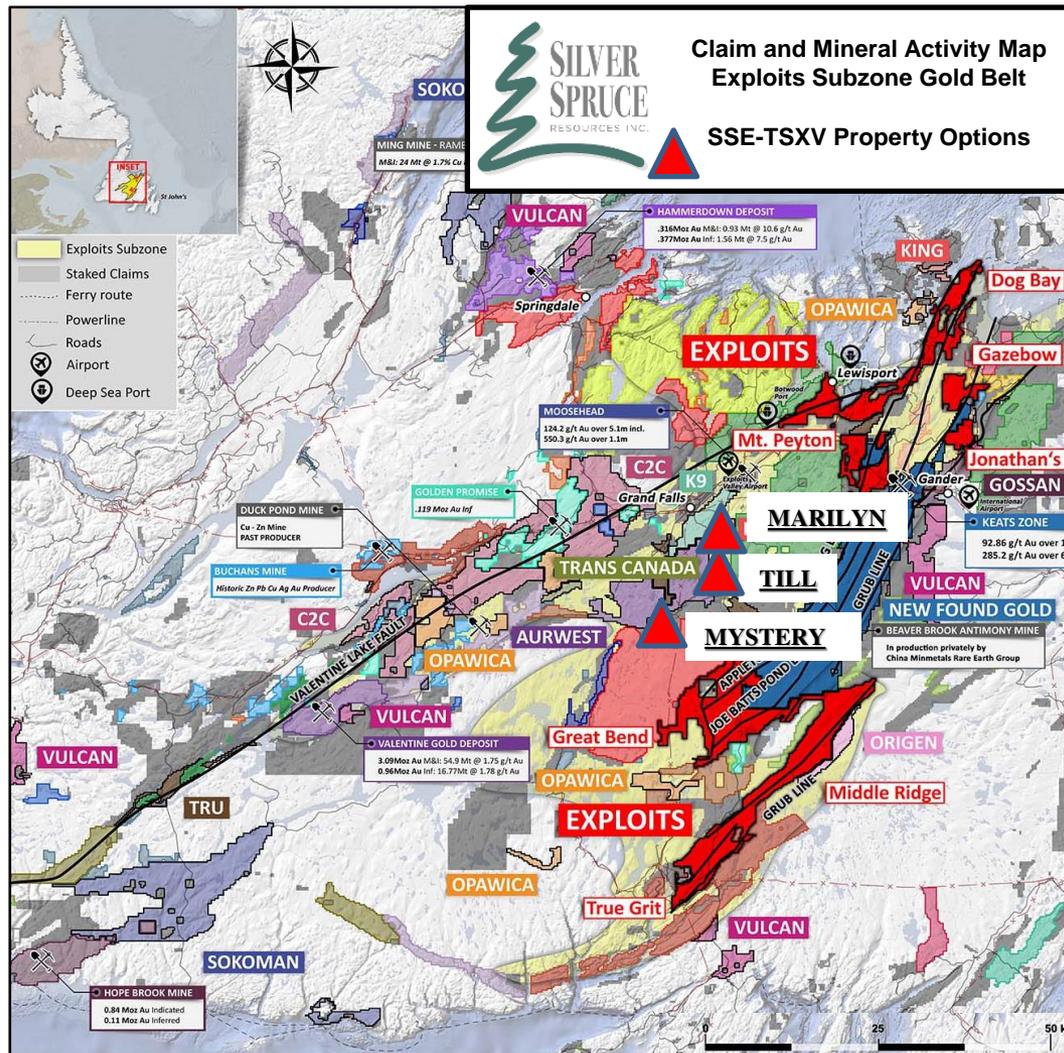


We are located within the Exploits Gold District where major deep seated structural breaks with extensive secondary structures contain numerous mineral occurrences and potential deposits with Au-Sb-As association and silicification common to mesothermal to epithermal gold.



Mystery - Regional Gold District

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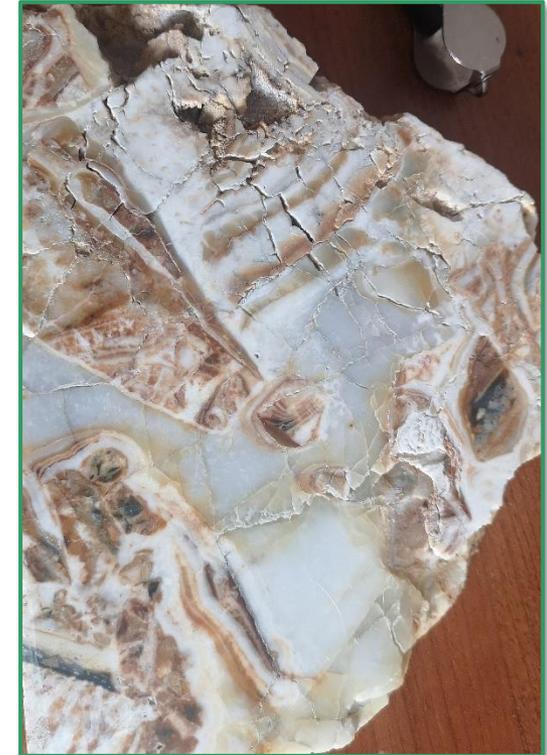
- ✓ Located 20-25 km west of New Found Gold Corp.'s Queensway project and 15-35 km south of Sokoman Minerals' Moosehead gold project, central Newfoundland
- ✓ Strategic location in active exploration camp
- ✓ Proximal to major and secondary structural features defined by geophysical and geological coverage
- ✓ Two road and trail-accessible claim blocks comprising 14,790 hectares



Mystery - The Property

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- ✓ **Historical rock sampling to 12.5 g/t Au**
- ✓ **Definitive Purchase Agreement for 100% interest signed; due diligence verification assays to 8.0 g/t Au**
- ✓ Additional contiguous claims staked raising footprint to 14,790 hectares.
- ✓ Multiple occurrences are reported of agate chalcedony to colloform and crystalline silica veining, carbonate replacement by quartz, and open-space filling quartz and calcite.
- ✓ Textures indicative of epithermal systems and/or structurally controlled mesothermal vein development analogous to Queensway and similar international deposits



Mystery - Proximity to Regional Structures

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We are targeting major and minor structural sets, zones showing strike shift, potential dilation, zones of high resistivity associated with silicification, among other indicators of mesothermal to epithermal gold.



Mystery - Exploration and Plans

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- ✓ **Permitting Q4 2021**
- ✓ **New airborne geophysics Q1 2022**
- ✓ **Gold Grain Till Sampling Q2 2022**
- ✓ **Till Processing and Assays Q3 2022**

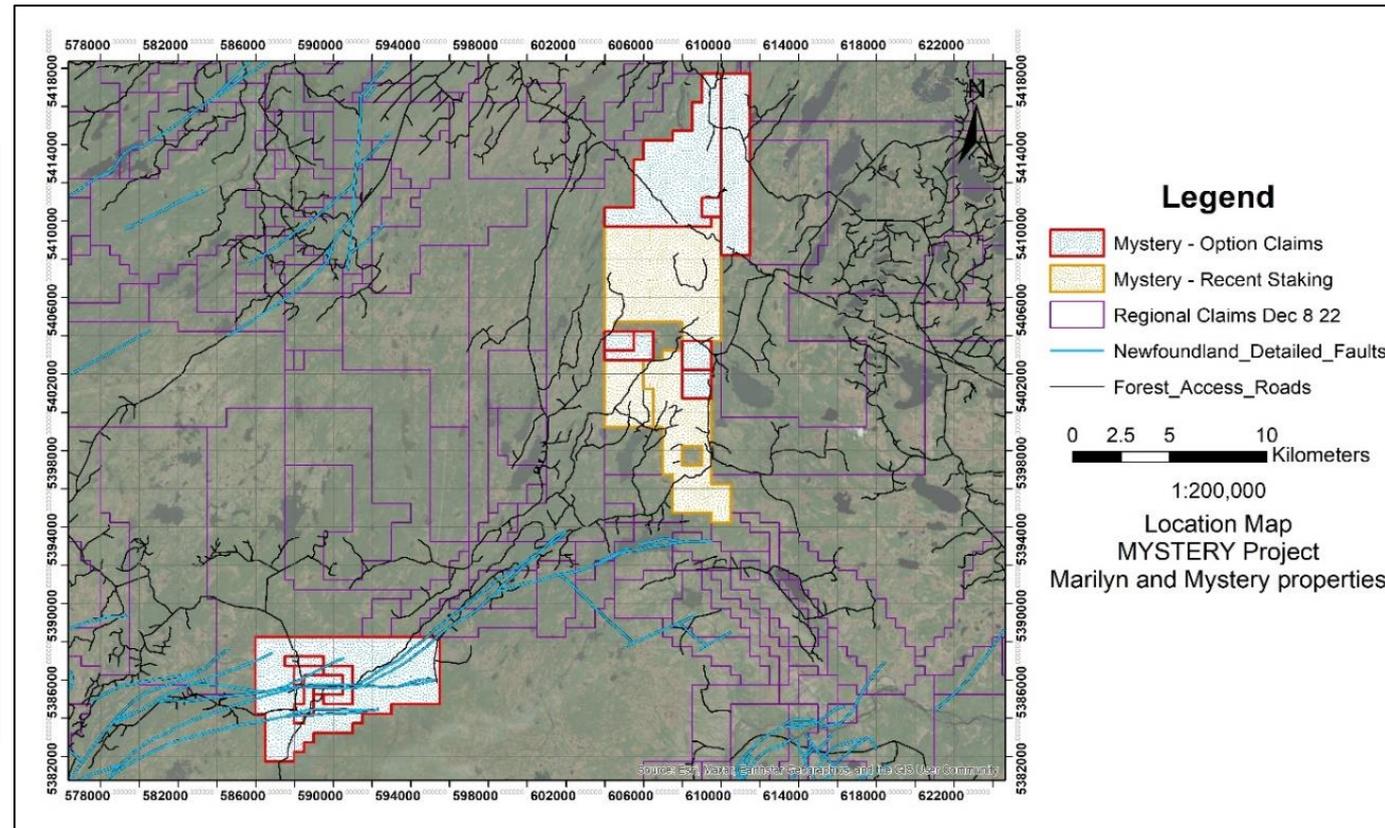
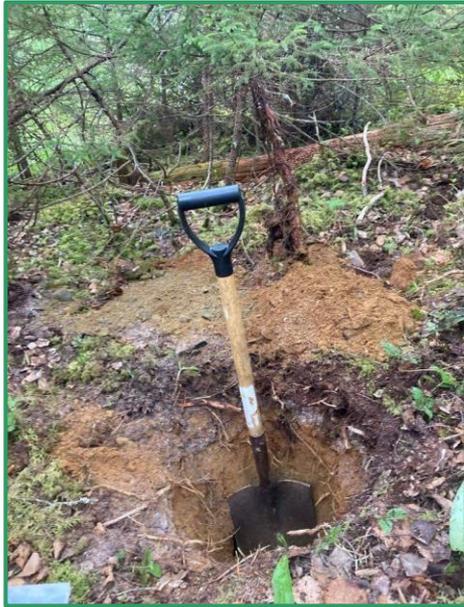
- ✓ GIS Compilation Q4 2021 to Q3 2023
- ✓ Review and Interpretation of Regional and Property Geophysical Surveys Q2/3 2023
- ✓ Structural and Lineament Mapping Q2/3 2023
- ✓ Gold Grain Till Sampling Q2/3 2023
- ✓ Till Processing and Assays Q3/2023
- ✓ Prospecting, Soil and Rock Geochemistry, Alteration, Targeted mapping Q2/3 2023
- ✓ Permit preparation for drilling Q3/4 2023
- ✓ Drilling Planned Q3/4 2023, Q1/2 2024

- ✓ Budget - Phase 1 \$300-350K, Phase 2 \$600-750K



Mystery - Exploration Claims

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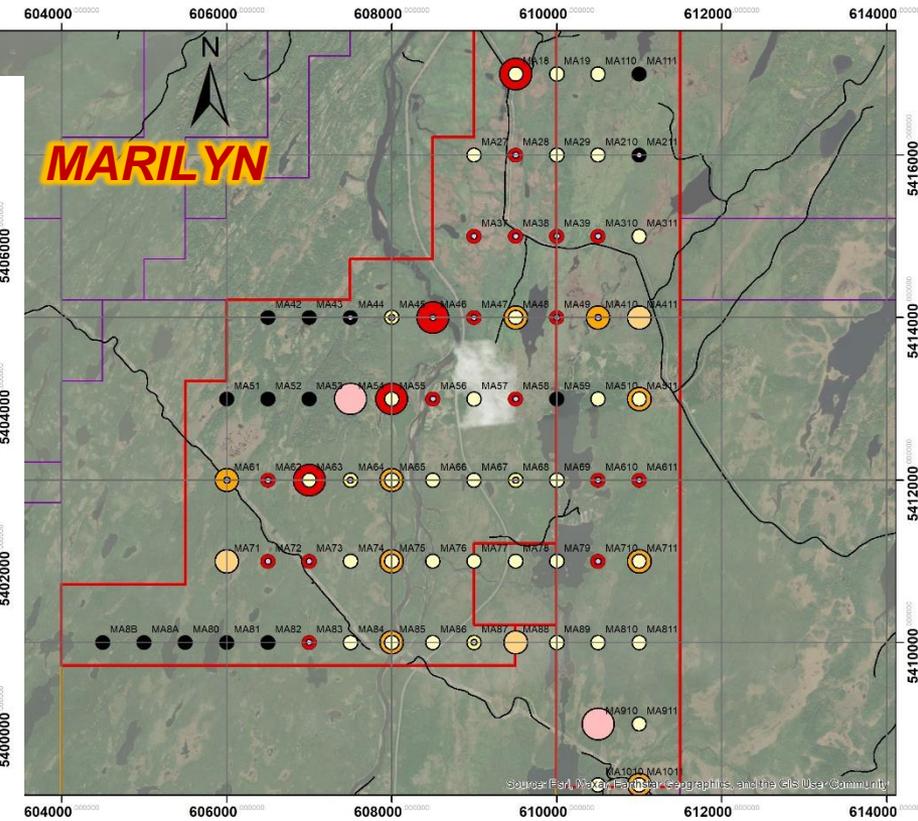
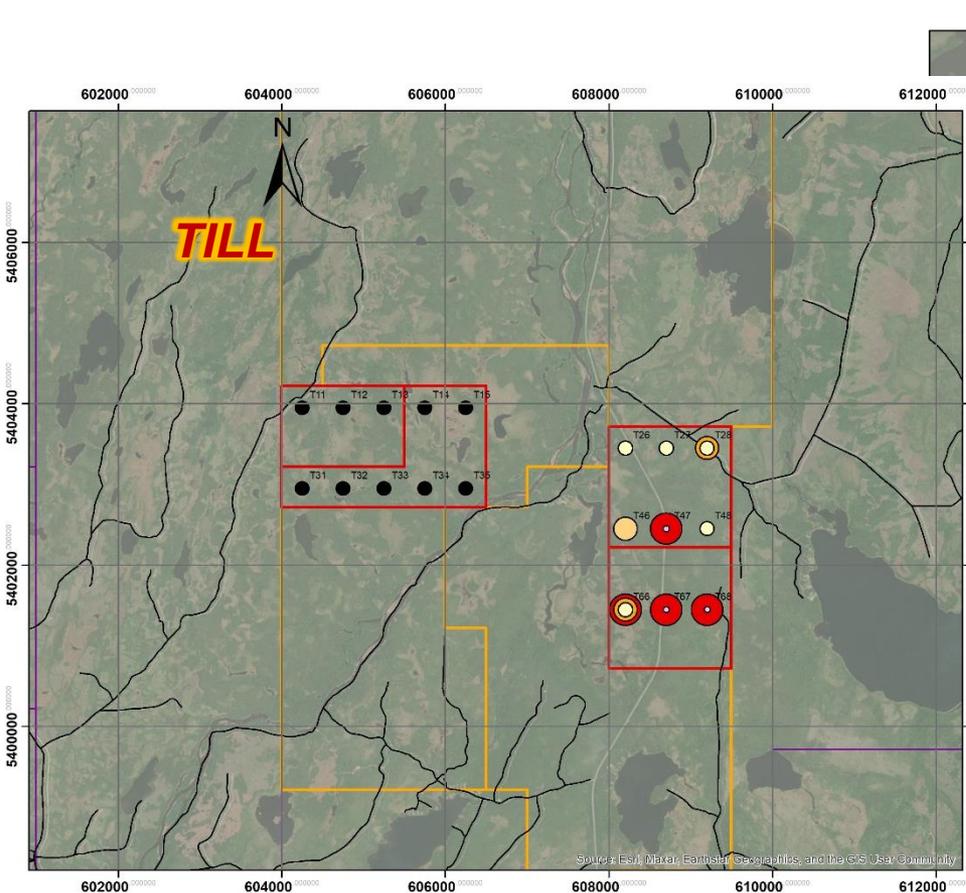
“We now have two major claim blocks, great access, prospective geology with only limited exploration and no history of drilling. Proximal to showings on western boundary. Airborne geophysics and till sampling completed. More ground sampling to follow with early targets identified.”



Mystery - Gold Grain in Till Sampling

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MYSTERY

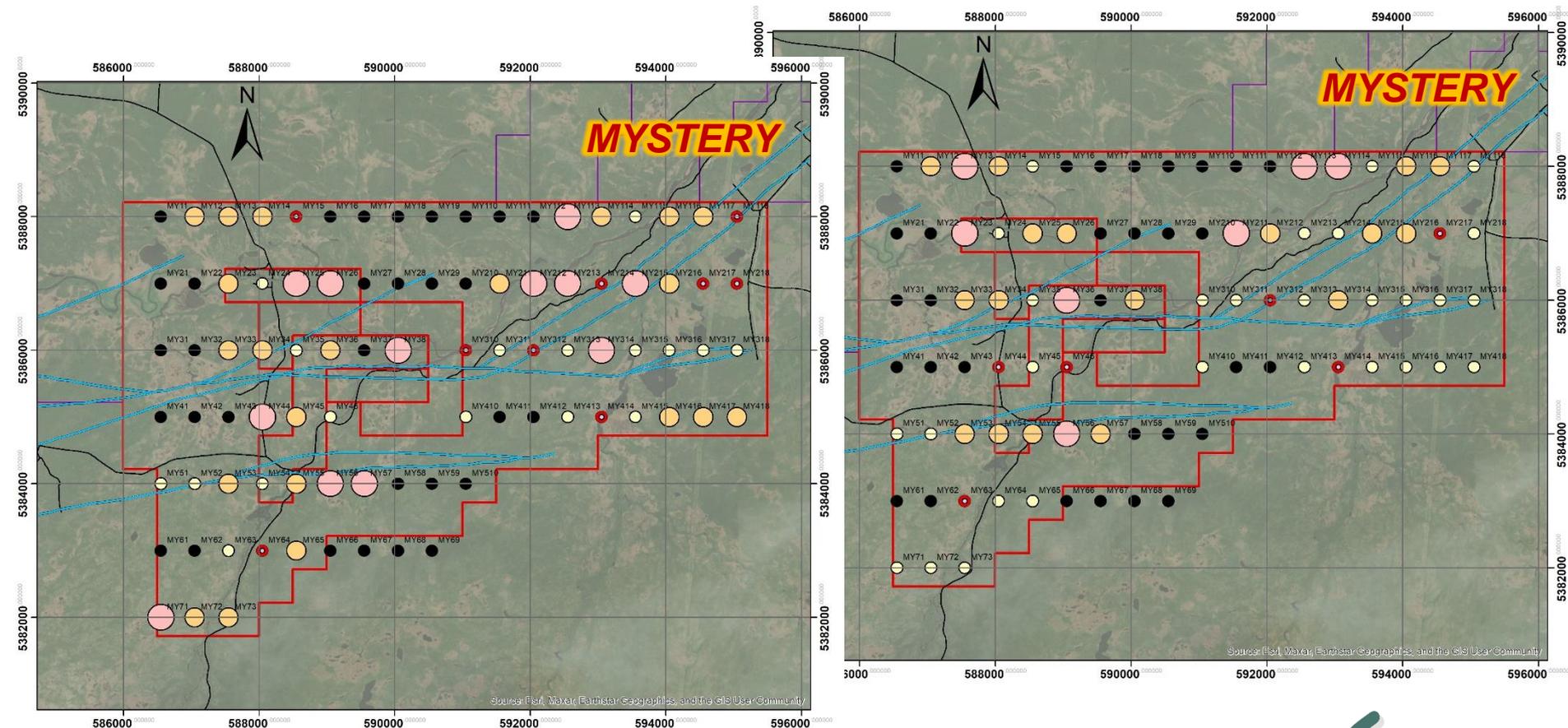


Property-wide till sampling for heavy mineral concentration, gold grain collection with frequency, size and morphological analysis, and geochemical multi-element analysis. Samples in red collected to date.



Mystery – Geochemical Sampling

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Property-wide till sampling for heavy mineral concentration, gold grain collection with frequency, size and morphological analysis, and geochemical multi-element analysis. Arsenic and Antimony heavy metal pathfinders shown in large red and pink symbols.



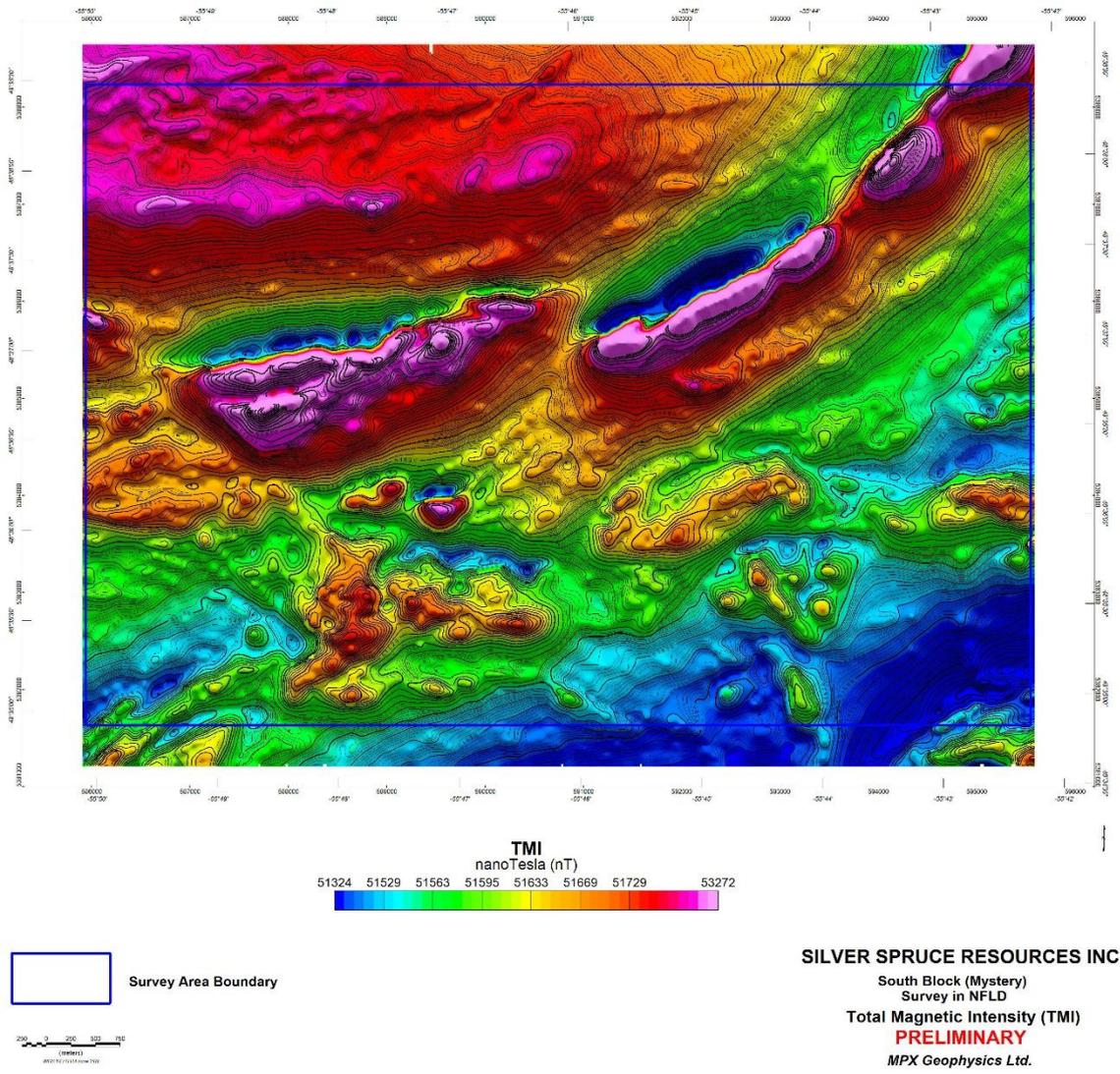
Mystery - 2022 Airborne Geophysics

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MPX Geophysics
Feb 2022
Preliminary Map

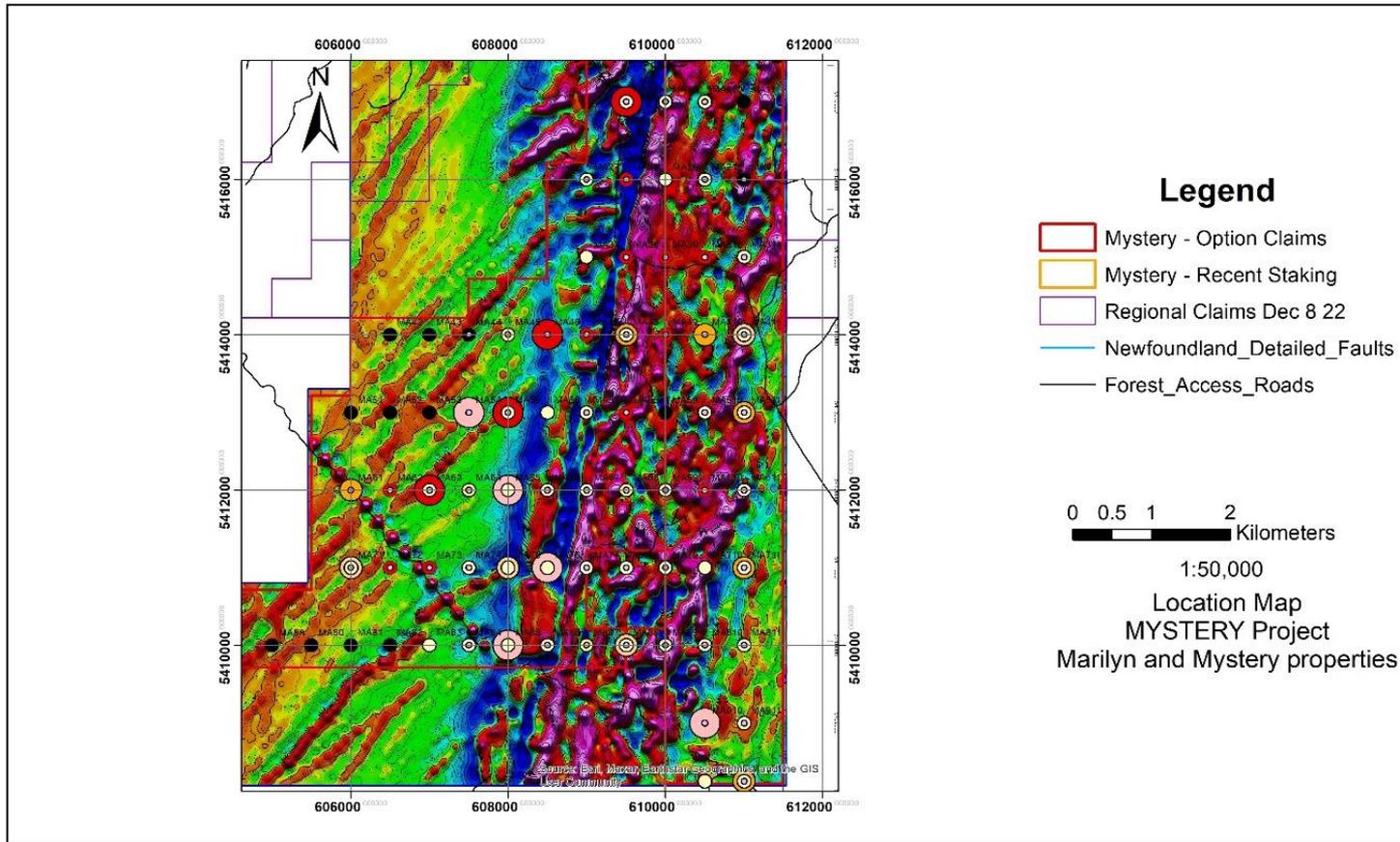
Total Field Magnetics
(TMI)

Multiple rock types offset
by branching and
intersecting structural
trends which are key to
localization of regional
gold mineralization



Mystery - 2022 Airborne Geophysics

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Map of the Marilyn claims showing combined gold grain frequency and heavy metal geochemical signature anomalies upon airborne geophysical map – first vertical derivative. Botwood Group metasediments on west with northeast fabric in contact with north-south Mount Peyton multi-phase intrusion to the east. Black dots denote unsampled sites. Powerline crosses to SE.



Mystery - Exploration Plans

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- ✓ Permit preparation for drilling Q3/4 2023
- ✓ Drilling proposed Q3/4 2023, Q1/2 2024
- ✓ Budget - Phase 1 \$300,000 – \$350,000
- ✓ Budget - Phase 2 \$600,000 - \$750,000



Silver Spruce Resources Inc.

TSX Venture: SSE, USA OTCQB: SSEBF, Frankfurt: S6Q



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