

# ***“Seizing Opportunity and Creating Value”***



## **EXPLORING in CANADA and MEXICO - Corporate Presentation**

TSX Venture: SSE

US OTC: SSEBF

Frankfurt: S6Q

[www.silverspruceresources.com](http://www.silverspruceresources.com)

October 2025



# Cautionary Statement

Investors are cautioned that, except for statements of historical fact, certain information contained in this document includes "forward-looking information" with respect to a performance expectation for SSE. Such forward-looking statements are based on current expectations, estimates and projections formulated using assumptions believed to be reasonable and involving a number of risks and uncertainties which could cause actual results to differ materially from those anticipated. Such factors include, without limitation, fluctuations in foreign exchange markets, the price of commodities in both the cash market and futures market, changes in legislation, taxation, controls and regulations of national and local governments and political and economic developments in Canada and other countries where SSE carries-out or may carry-out business in the future, the availability of future business opportunities and the ability to successfully integrate acquisitions or operational difficulties related to technical activities of mining and reclamation, the speculative nature of exploration and development of mineral deposits located, including risks in obtaining necessary licences and permits, reducing the quantity or grade of reserves, adverse changes in credit ratings, and the challenge of title. The Company does not undertake an obligation to update publicly or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws.



# Key Team Members

## **Michael Kinley, CPA, CEO, Interim CFO and Director**

- ✓ Officer and/or Director of several junior public companies over the past 25 years, and a partner with KPMG. Director and CFO of Opus One Resources Inc., Canada One Mining Corp. and EXMceuticals Inc.

## **Greg Davison, MSc, PGeo, VP Exploration and Director, Qualified Person**

- ✓ Professional exploration geologist with 48 years of diverse international mining industry experience licensed with the Engineers & Geoscientists of British Columbia (EGBC). Director of Playfair Mining.

## **Kevin Thieneman, Director**

- ✓ 25+ years of global company directorship and management, licensed attorney and CPA. In the past, President of Forest Products Division at Caterpillar, Inc. and Chairman of US-ASEAN Business Council.

## **Kevin O'Connor, Director**

- ✓ Corporate attorney based in Bethesda, MD, focused on M&A, Joint Ventures and divestitures.



# Corporate Summary

- ✓ **Silver Spruce Resources Inc.** is a Canadian publicly traded company that trades on the TSX Venture Exchange under the symbol SSE with 324 MM shares outstanding
- ✓ Listed in Frankfurt: S6Q
- ✓ OTC listing in US: SSEBF
- ✓ The Company has experienced management in the areas of mineral exploration and processing, accounting, corporate finance, legal and public company management
- ✓ International project history, multi-lingual team, strong network within business, analytical, consulting and technical communities
- ✓ Focused on diverse property portfolio with early potential and options for exit strategy or downstream development

## Financials as of July 31, 2025

Exchange Listings	TSX Venture: SSE
	FSE: S6Q1
	OTC: SSEBF
Head office	Bedford, Nova Scotia
Shares Outstanding	324,152,832
Warrants	99,600,832
Options	1,000,000
Fully diluted	424,753,664
Share Price Range	\$.005 - \$.03
Debt	Nil
Tax Loss Carry Forward	> \$10 M
Bank	TD Commercial Banking
Auditors	Doane Grant Thornton LLP



# Corporate Strategy - Delivering Value

- ✓ Leveraging the strengths of its board and management team
- ✓ Building credibility as a partner by being systematic in our exploration approach
- ✓ Focusing on precious metal or combined precious and base metal opportunities in quality jurisdictions with early potential for discovery and advancement
- ✓ Evaluating strategic acquisition pipeline via blue sky geological targets or promising historical exploration that need investment to deliver a 43-101 resource
- ✓ Maintaining options for exit strategy or downstream development through in-house, partners or joint ventures, or divestment after advancing discovery
- ✓ Working with professional teams and contractors to provide high level exploration with state-of-the-art data collection and interpretation
- ✓ Optimizing cost controls and in-the-ground distribution
- ✓ Providing direct feedback and steady stream of project results to shareholders



# Melchett Lake - Project Overview

- ✓ Silver Spruce signed an agreement to acquire 100% of the 2,124-hectare **Melchett Lake** project located within an historically active region including Copper Lake's Marshall Lake VMS project
- ✓ Map staking and acquisitions increased the Property to its current 7,822 hectares to complete coverage of the known mineralization reported over 22 km strike length
- ✓ Additional staking to the east and west to cover more gold, silver and base metal targets
- ✓ High grade surface samples have yielded up to 28.8 g/t Gold, 655 g/t Ag and 19% Zinc
- ✓ Geochemistry highly favorable for VMS footwall alteration and proximal mineralization
- ✓ Drilling and borehole geophysics identified increasing copper and conductive targets at depth
- ✓ Numerous drill targets in peripheral oxide and sulphide facies exhalite and iron formation



# Melchett Lake - The Property Geology

## Style, Grade, Size, Structure and Location with Potential

- ✓ Polymetallic Zn-Pb-Cu-Ag-Au VMS style mineralization
- ✓ Similar in character to ore deposits at Geco, Mattabi, Winston Lake, Brunswick, Rouyn-Noranda, Lyon Lake, Murchison, Snow Lake
- ✓ Road, 4x4 trail, fixed wing floatplane, helicopter and boat access to property
- ✓ **22 km strike length** of the known areas of mineralization, more depth potential indicated by Maxwell modelling, airborne and downhole EM anomalies
- ✓ **Broad core intervals (>200 m) and depths (surface to >500m)**, increasing Cu/Zn in intense alteration profile, multi-element depletion and enrichment zones
- ✓ High grade lenses of Zn & Ag, variable Cu, Au, & Pb
- ✓ **Zn to 19.1%, Ag to 655 g/t, Au to 28.8 g/t, Cu to 1.65%, Pb to 1.2%**



# Melchett Lake - Relf Zone

2019 Relf Zone - main trench area looking NNE across structural fabric

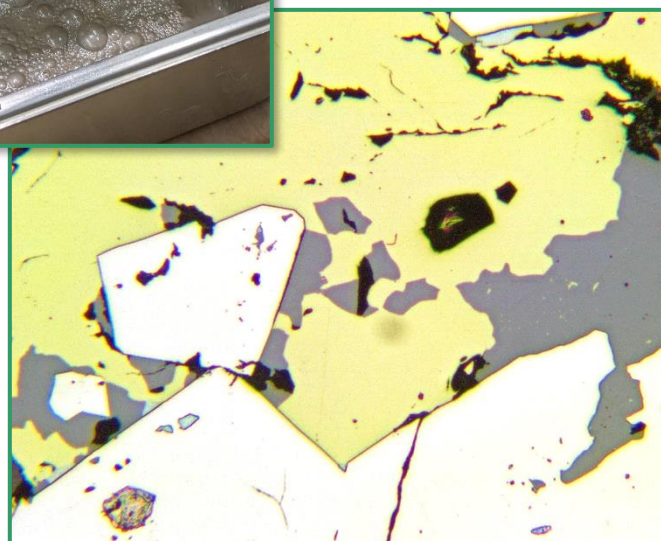
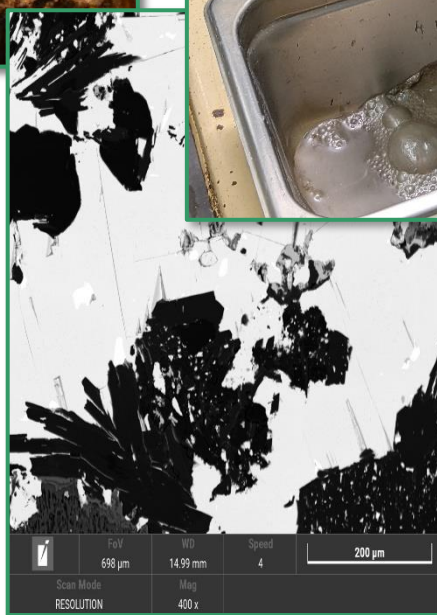
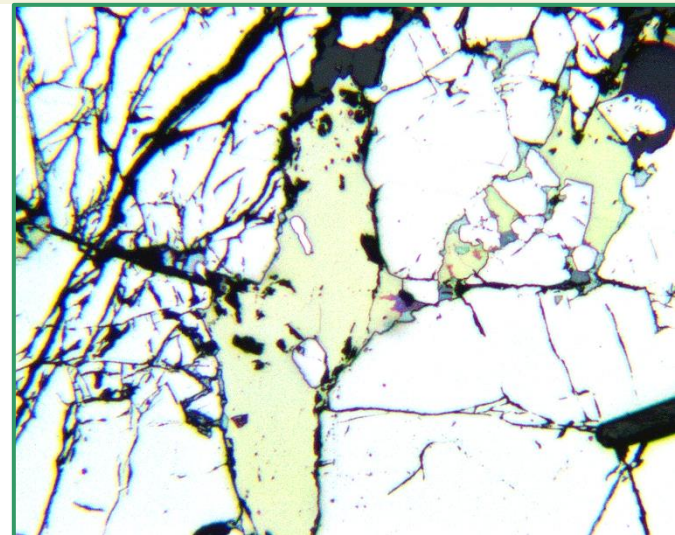
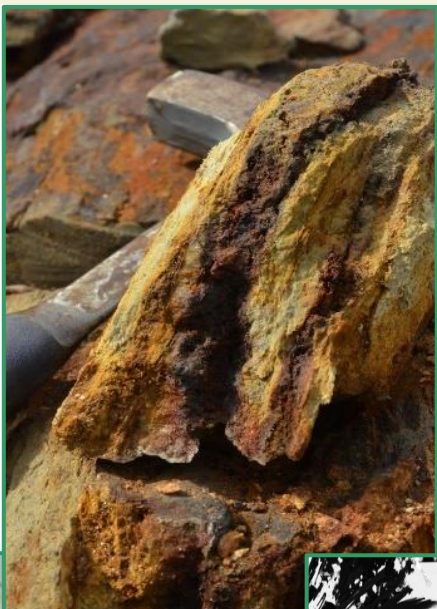


# Melchett Lake – Recent Exploration Completed

- ✓ Signed Agreement with Aroland First Nation in Q2 2021, Ginoogaming First Nation in Q3 2021
- ✓ Updated agreements with AFN and GFN Oct 2024, and June 2025
- ✓ Archaeological study Phase 1 complete, advanced Phase 1 proposal approved
- ✓ Permit for core claims with Ministry of Mines through 2024, **new permit application in progress**
- ✓ Permit on peripheral claims through to 2026, **new permit application in progress**
- ✓ Pleson Geoscience for camp construction and operations
- ✓ MPX Geophysics for Mag/VLF/Gamma Survey completed Q4 2021
- ✓ Western Heritage for Phase 1 Archeological Report, including a Traditional Land Use and Occupancy Study Q2 2023, new phase scheduled
- ✓ In3D Geoscience for geophysical interpretation and compilation
- ✓ Eagle Mapping for property-wide LiDAR survey, completed Q1 2023
- ✓ GeoCloud Analytics for LiDAR interpretation, completed draft Q2 2023
- ✓ **Scoping metallurgy and mineralogy in progress Blue Coast Research, JGDavison**



# Melchett Lake – Technical Appendix



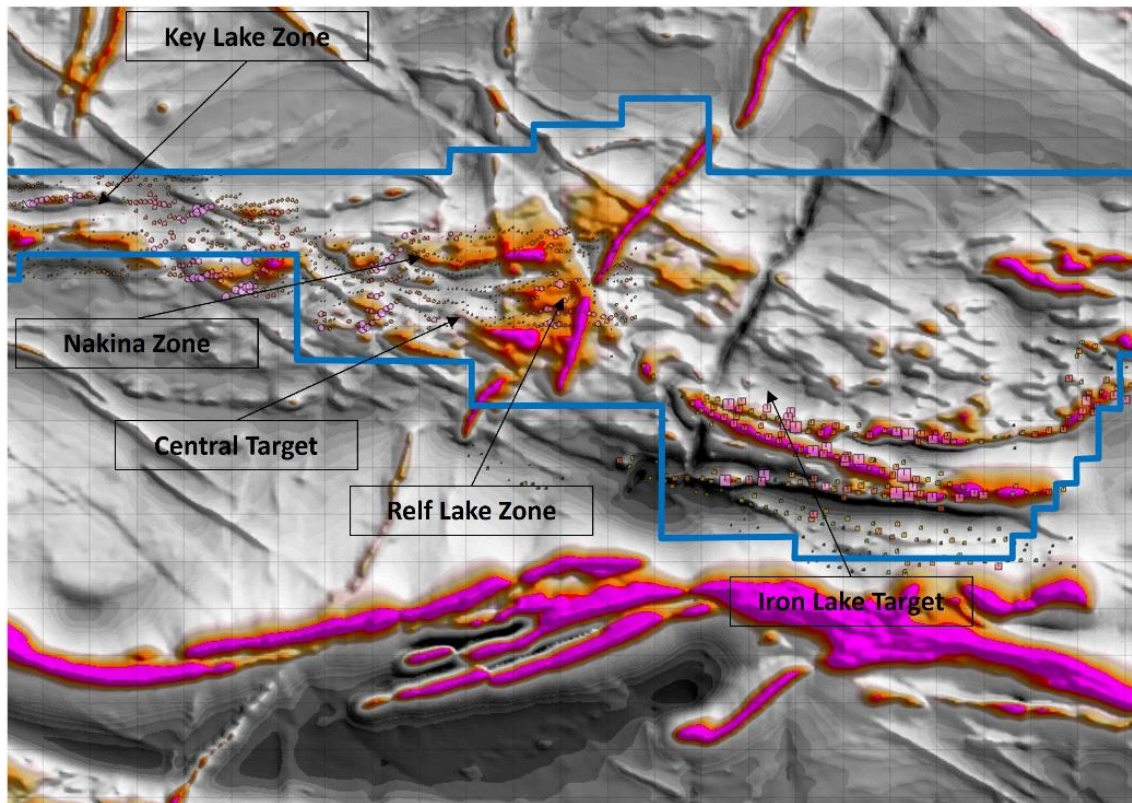
# Melchett Lake – Target Evaluation

- ✓ Geological Anomalies defined by intense alteration and local high grades of mineralization
- ✓ Magnetic anomalies define structural complexity and potential stacking of mineralization
- ✓ Resistivity anomalies due to footwall or hangingwall alteration of VMS deposits (chlorite, sericite, silica, etc.)
- ✓ Chargeability anomalies caused by disseminated sulphide mineralization typically in the order of 1-5%
- ✓ Conductivity anomalies resulting from lenticular massive to semi-massive sulphide bodies
- ✓ Zones of depletion typical of hydrothermal systems related to VMS deposits: Calcium, Strontium, Sodium
- ✓ Zones of enrichment typical of hydrothermal systems related to VMS deposits: Silver, Magnesium, Barium, Alteration Index #



# Melchett Lake - Geophysical Targeting

Claims (outlined in blue) showing magnetic gradient data and EM anomalies (pink squares with proportional size to strength), NE and NW diabase linears and tightly folded iron formation with high magnetic intensity (bright pink). Known zones of An-Ag-Cu-Au-Pb mineralization and target areas focused along coincident MAG/EM and structural loci.



0 1 2 3 4 5  
Kilometers

1:125,000

Melchett Lake Claims

2010 OGS MAG Gradient data  
MAG RTPge (gradient enhanced),  
CET dynamic range compression (DRC).



# Melchett Lake and Geco Comparison

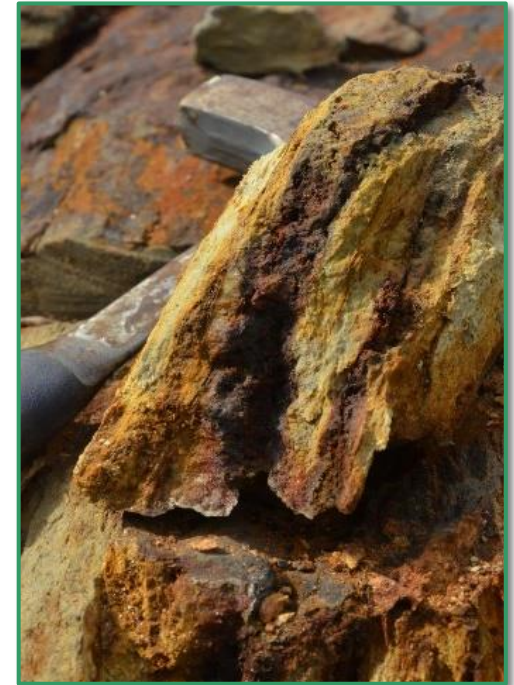
## Style, Grade, Size, Structure and Location with Potential

- ✓ Polymetallic Zn-Pb-Cu-Ag-Au VMS mineralization e.g., Matabi, Winston Lake, Brunswick
- ✓ Amphibolite grade in greenstone belt near Manitouwadge Ontario metasedimentary belt
- ✓ Principal host quartz - muscovite schist overlain by iron formation
- ✓ Typical steep to vertical E-W orientation with ESE rake (Geco 20°- 35°)
- ✓ Tight folding, multi-stage deformation and remobilization, fold repetition locally indicated
- ✓ Z-Drag fold in D3 fold nose at Geco; **22 km strike length known at Melchett** (nose to east?)
- ✓ Metal zoning, zinc shallow, copper increase at depth; Cu/Zn and alteration higher with depth
- ✓ Multi-element depletion and enrichment zones; distinctive alteration mineralogy
- ✓ Geco - massive to semi-massive to stockwork
- ✓ Melchett - stratiform to disseminated; stockwork intersected at depth in Relf Zone?
- ✓ Geco - core zone to 100m massive Cp-Sp-Py-Po to disseminated <5m Sp-Py to <70m Cp-Py-Po in Qz-Sericite
- ✓ Geco - upper Sp-Py zone as per **Relf at Melchett (13.7m trench 13%Zn, 293 g/tAg, 0.26%Cu)**
- ✓ Melchett - broad intervals (>200 m) and depths (>500m) Sp-Py-Cp in Qz-Sericite
- ✓ Melchett - adjacent to massive sulphide? – downhole Maxwell model targets
- ✓ Road access to Geco mine; good road to Melchett ~5km, lake access, winter trail



# Melchett Lake - Exploration Plans

- ✓ Line-cutting for Spartan MT survey, Q3 2025
- ✓ Contracts Quantec Geoscience for Spartan survey, Q3/4 2025
- ✓ GIS Compilation, Re-Interpretation of BHP-EM, HeliTEM and Regional Magnetic Surveys 2024/2025 ongoing
- ✓ Structural and lineament mapping, Prospecting, Soil and Rock Geochemistry, Targeted geological mapping Q3/4 2025
- ✓ Drilling - Phase 1 Au and Ag-Zn, 2,500m, Phase 2 Au and Ag/Zn 5,000m 2025/2026
- ✓ Phase 1 Budget \$500,000 to Q1 2026
- ✓ Phase 2 Budget \$1,000,000 incl. drilling to Q3 2026
- ✓ Phase 3 Budget \$1,500,000 incl. drilling to Q4 2026



Heavy gossan in sulphide zone,  
dark ferroan sphalerite lens

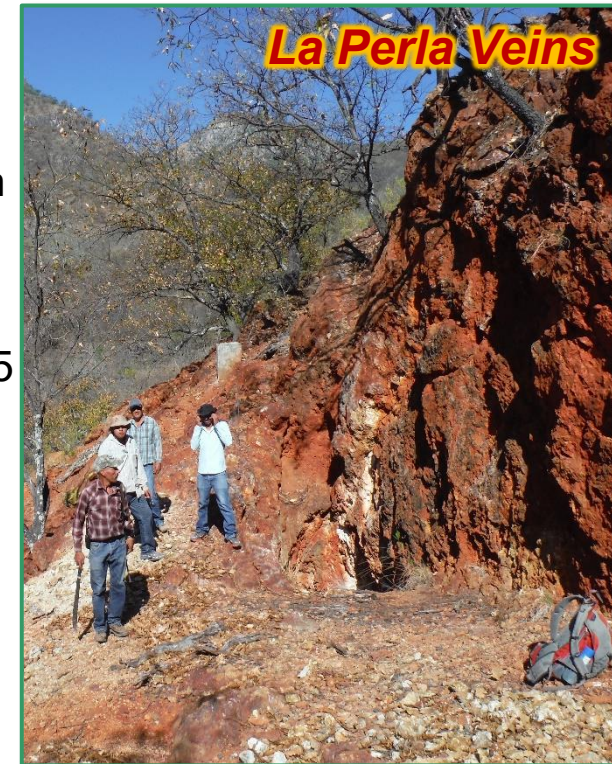
# Mexico - The Potential

- ✓ Located within northwest-trending “Sonora Gold Belt” in Sierra Madre and parallel to Au-Ag-rich Mojave-Sonora Megashear
- ✓ Properties well located near Coeur’s Palmarejo Au-Ag Mine, Minera Alamos’ Santana/Nicho Au Mine and others
- ✓ **Jackie - Greenfields Au-Ag** discovery over 200m x 400m target in 2021; low to high grade opportunity
- ✓ There is **no prior exploration** reported on the Jackie Property with high Au-Ag assays to **9.65 g/t Au and 515 g/t Ag** in new discovery
- ✓ **Pino de Plata - Twelve Ag-Pb-Zn targets**; located in western Chihuahua, disseminated epithermal, replacement and skarn carbonate, and veins
- ✓ Low to high grade precious metals and base metals provide discrete opportunities for in-house or partnered development



# Pino de Plata - The Property

- ✓ Located 15 km away from Coeur Mining's flagship Palmarejo Mine in Chihuahua, Mexico
- ✓ Four road-accessible concessions comprising 397 hectares in the heart of the Sierra Madre Occidental gold-silver belt
- ✓ Definitive Purchase Agreement for 100% interest in 2015
- ✓ Negotiate Favorable Amendments to Option Deal in May 2025
- ✓ Landowner access negotiations then restarted 2025
- ✓ Surface exposures and dumps have yielded high silver and base metal values
- ✓ **Permitting for 30 drill pads was approved in 2018**
- ✓ Twelve targets identified for immediate Phase 1 drilling
- ✓ Disseminated epithermal, replacement and skarn carbonate, and vein targets

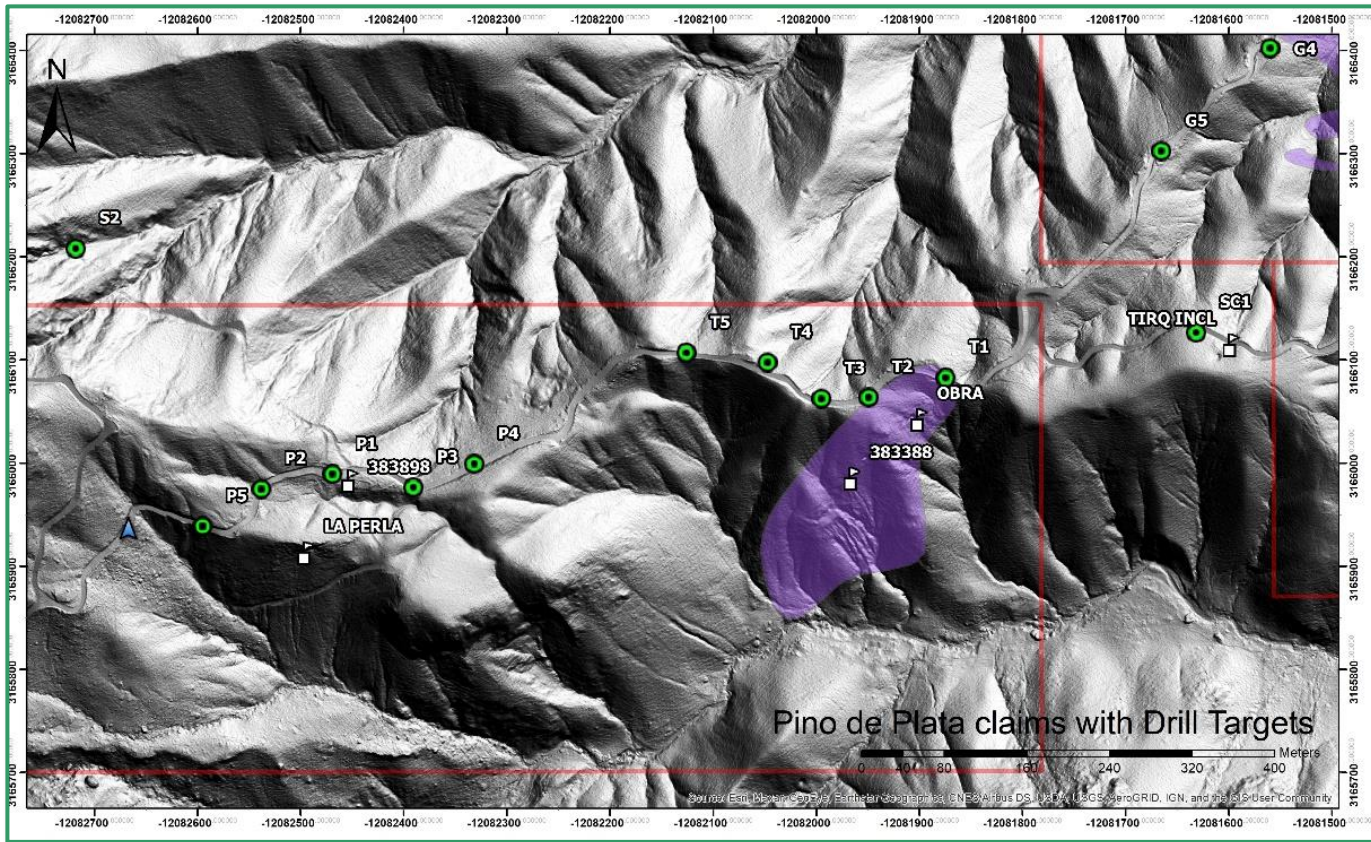


# Pino de Plata - Exploration and Plans

- ✓ LiDAR survey completed in 2021
- ✓ LiDAR interpretation completed in 2023
- ✓ **Re-negotiation of Option Agreement done**
- ✓ **Signing of Landowner Access Agreement pending**
- ✓ ArcGIS compilation
- ✓ Geological, structural and lineament mapping
- ✓ Rock and trench sampling, hyperspectral analysis
- ✓ **Drilling - Phase 1 20-30 sites 1,500m to 2,000m**



# Pino de Plata - Exploration Quote

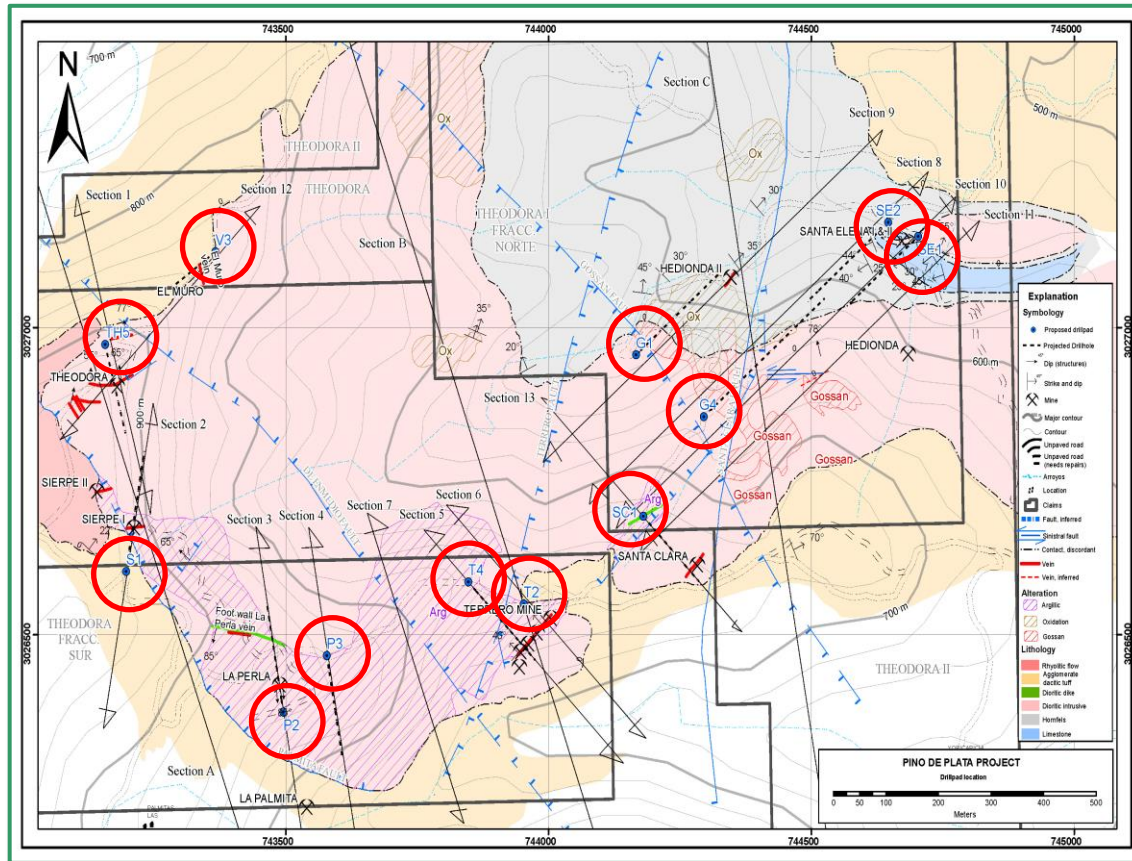


"We have flight data from our LiDAR survey and are updating the Pino de Plata ArcGIS database while negotiations completed for an amended option deal and pending access agreement with the claimholder and landowner, respectively, to permit drilling on several highly promising silver targets. The new LiDAR data provides high resolution topographic control for the proposed Phase 1 drill program. Plans in place for expedited Phase 1 drilling once agreements in place."



# Pino de Plata Project

## Drilling Plan



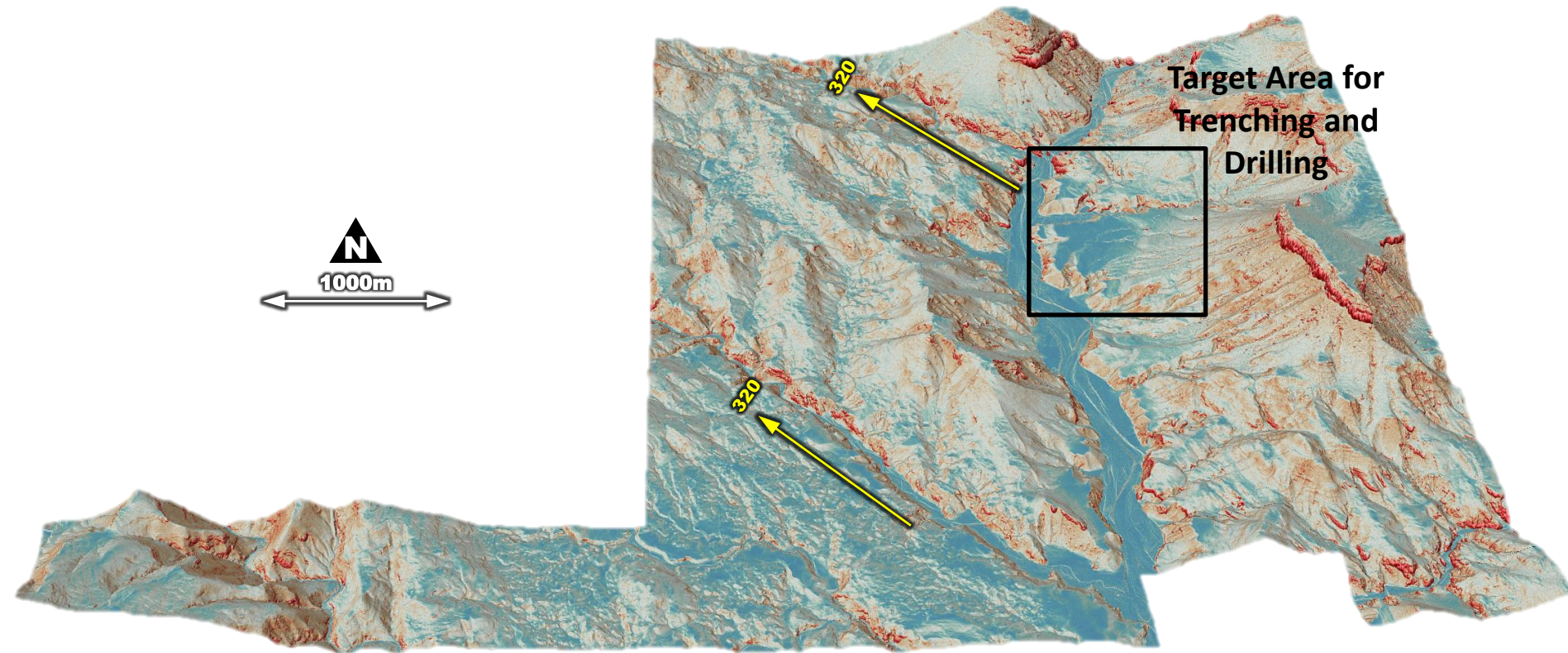
Geological map with section lines and twelve (12) proposed drill pads (dark blue symbols circled in red), collar location, azimuth and orientation, and projected depth showing distribution across property.

# Jackie - The Property

- ✓ Located 52km SW of Mulatos and 60km SW of La India Mines in very productive region of the Sierra Madre Occidental gold-silver belt
- ✓ Road and trail-accessible concessions comprising 1,130 hectares located 170km SE of Hermosillo
- ✓ **Exploration Target is low grade, large tonnage, heap leachable deposit**
- ✓ **No record of historical exploration**
- ✓ West and adjacent to Minera Alamos' Santana/Nicho mine
- ✓ Option Agreement completed to earn 50% interest; joint venture documents signed in 2022
- ✓ Hold 100% interest, recently acquired additional 50% interest from JV partner
- ✓ **Phase 1 and 2 expenditures completed**
- ✓ **Final cash and share payment completed Nov 21**
- ✓ **Phase 1 trenching planned prior to drilling**
- ✓ **Updated SEMARNAT report and permit required**



# Jackie - Exploration and Plans



LiDAR enhanced digital elevation map with drill targets looking south across Jackie property

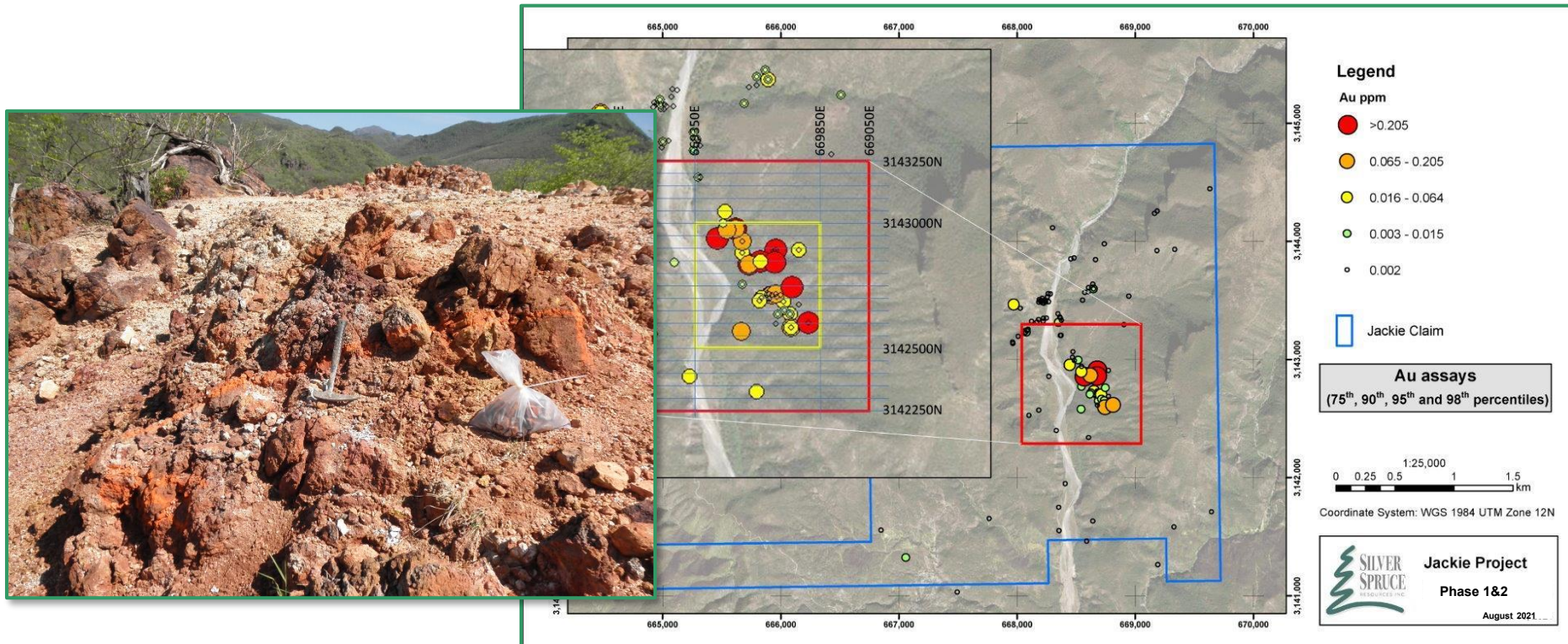
# Jackie - Exploration and Plans

- ✓ Recent Au, multi-element and hyperspectral analysis of 310 rock samples in Phase 1 and 2 programs
- ✓ Phase 1 prospecting identifies new Au-Ag target **up to 9.56 g/t Au and 515 g/t Ag**
- ✓ Phase 2 mapping extends mineralization to 200m x 400m area with open NW trend, samples to **4.15 g/t Au and 100 g/t Ag**
- ✓ Regional hyperspectral ASTER and Landsat 8 OLI interpretation
- ✓ LiDAR survey completed to provide high resolution topography and imagery
- ✓ **Environmental (SEMARNAT) report submittal required for trench and drill permits**
- ✓ **Trenching planned to provide vectors for drilling over and adjacent to surface alteration and elevated precious metal data**



Phase 1 sample pit 9.56 g/t Au, 515 g/t Ag  
Intense zeolite, clay, jarosite 'argillic' alteration

# Jackie - Exploration Quote



“We are excited about the potential for Jackie given the positive results and an original discovery with our early exploration campaigns. The intense silicate and oxide alteration with high-grade precious metal values ranging up to 9.65 g/t Au and 515 g/t Ag in Phase 1, and up to 4.15 g/t Au and 100 g/t Ag in separate Phase 2 samples, verified and extended the target area anomaly. A northwesterly trend running parallel to structural lineaments provides new untested targets for follow-up sampling, trenching and drilling.”



# Silver Spruce Resources Inc.

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



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