

“Seizing Opportunity and Creating Value”



EXPLORING in MEXICO **DIAMANTE** Au-Ag,
JACKIE Au-Ag and **PINO de PLATA** Ag-Pb-Zn,
and CANADA **MELCHETT LAKE** Ag-Zn-Au and **MYSTERY** Au

TSX Venture: SSE
US OTCQB: SSEBF
Frankfurt: S6Q

www.silverspruceresources.com

June 2023



Key Team Members

TSX Venture: SSE

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 44 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 Chicago, IL, focused on M&A, Joint Ventures and divestitures.



Corporate Summary

TSX Venture: SSE

- ✓ **Silver Spruce Resources Inc.** is a Canadian publicly traded company that trades on the TSX Venture Exchange under the symbol SSE with 278 MM shares outstanding
- ✓ Listed in Frankfurt: S6Q
- ✓ OTCQB listing in US: SSEBF

- ✓ March 2023 financing - \$1,135,500
- ✓ Flow-through financing currently open to \$1,000,000

- ✓ 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

April 30, 2023 Financials

Exchange Listings	TSX Venture:SSE FSE:S6Q1 OTCQB:SSEBF
Head Office	Bedford, Nova Scotia
Shares Outstanding	278,459,999
Warrants	146,941,499
Options	6,416,667
Fully Diluted	431,818,165
Share Price Range	\$0.02-0.06
Debt	Nil
Tax Loss Carry Forward	>\$10MM CAD
Bank	TD Commercial Banking
Auditors	Grant Thornton LLP



Corporate Strategy - Delivering Value

TSX Venture: SSE

- ✓ 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



Corporate Strategy - Financing and Growth

TSX Venture: SSE

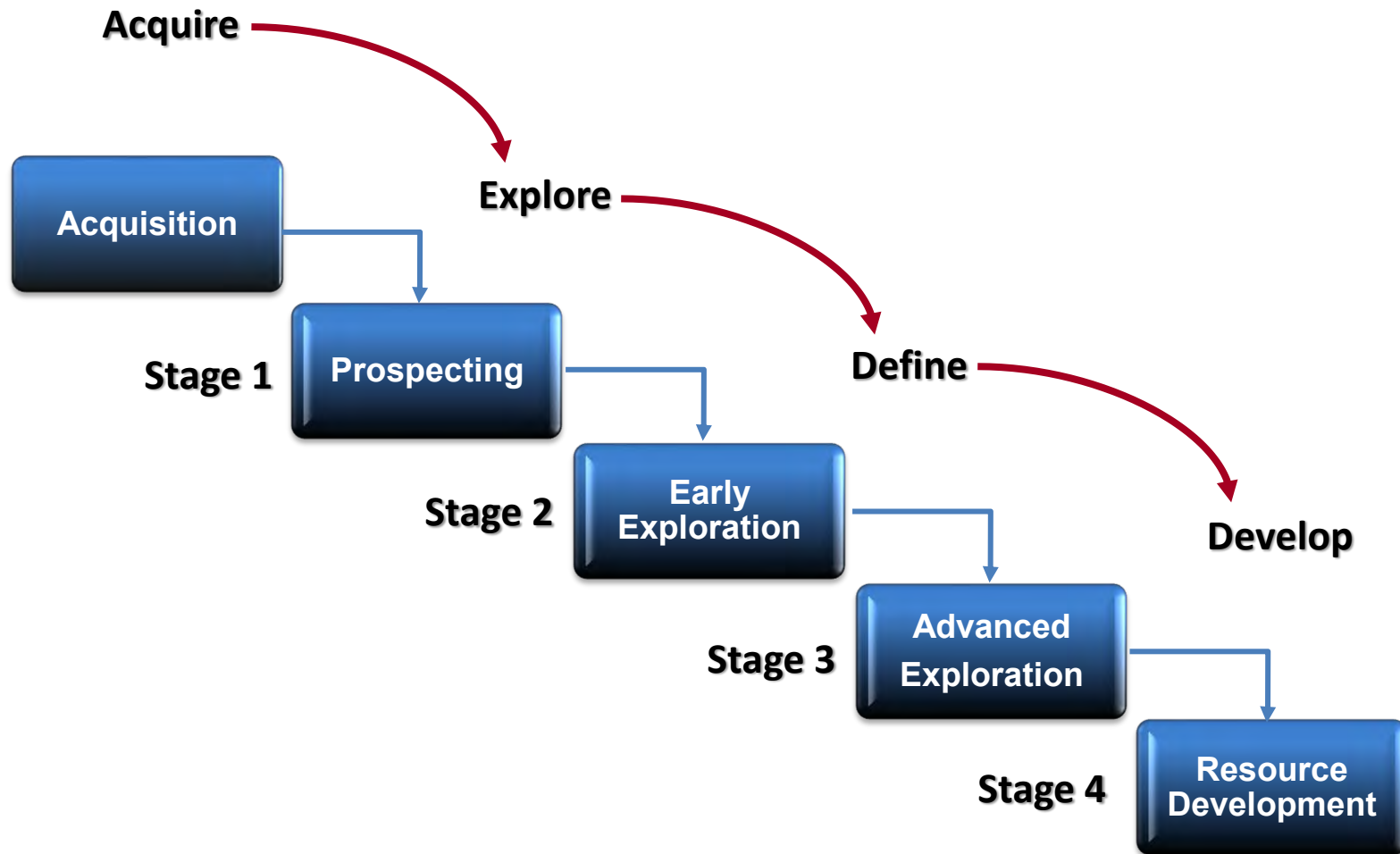
- ✓ Building project value for hard dollar financing completed in Q2 2023
- ✓ Flow-through financing for Canadian projects up to \$1MM in 2023
- ✓ Exercise of short-term warrants (est. \$1-3MM potential financing)
- ✓ Exercise of next stages of warrants (est. \$4MM potential financing)
- ✓ Market support by insiders and key investors

- ✓ Focus on precious metals ± base metals in quality jurisdictions
- ✓ Build the in-house technical team and area-specific consulting teams
- ✓ Make opportunities through new, advanced technology, skilled consultants
- ✓ Review options for project advancement, partnerships and/or divestment
- ✓ Evaluate strategic acquisition pipeline
- ✓ Always with an eye to maximize funds-in-the-ground



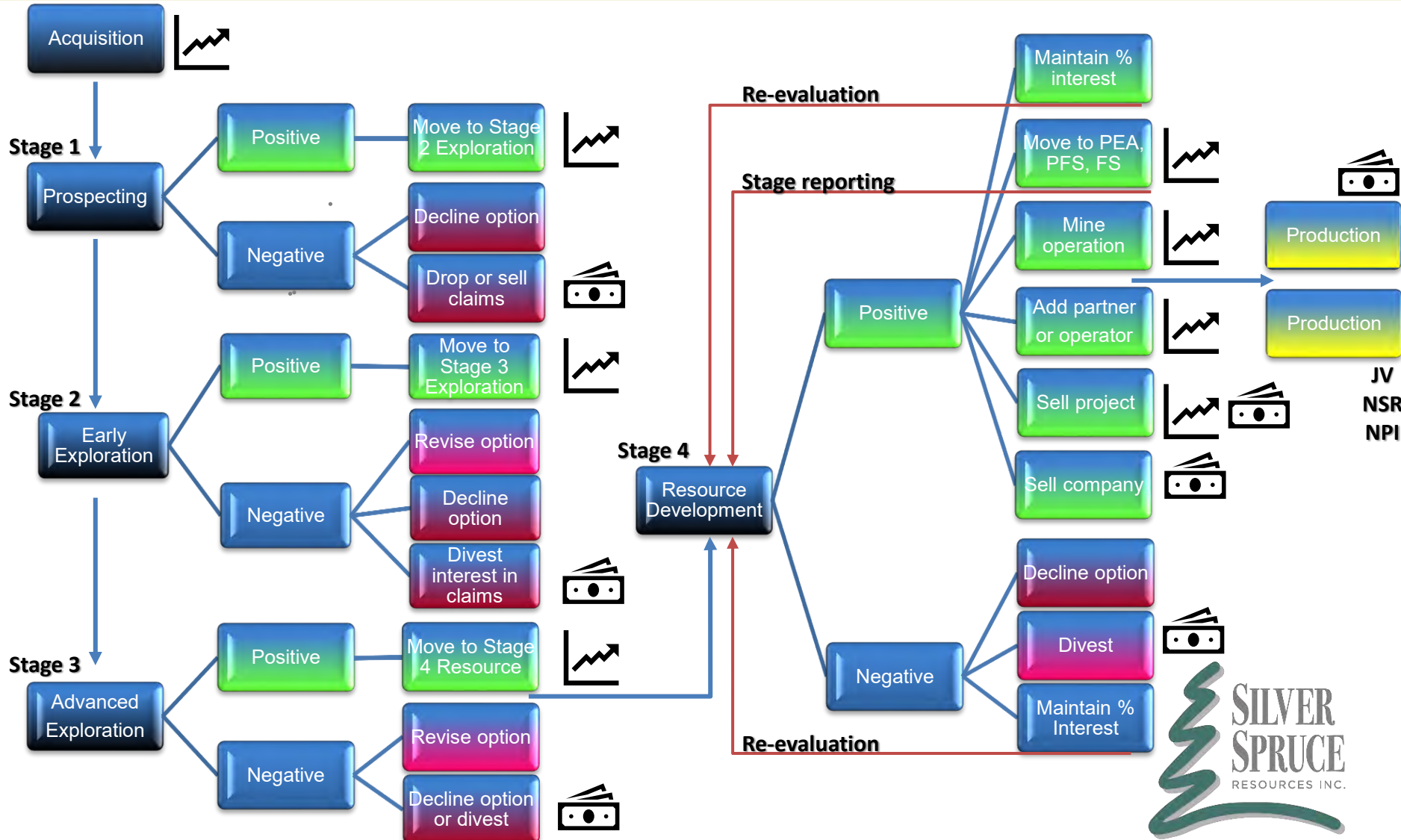
Project Value Stage Gates

TSX Venture: SSE



Project Value Stage Gates

TSX Venture: SSE



Project Value Proposition

TSX Venture: SSE

✓ **Acquisition**

- ✓ *Commodity type, jurisdiction, location, stage of exploration*
- ✓ *Vendor, deal structure (Cash, Shares, % Interest, Load Factor)*
- ✓ *Funding ratio - in the ground vs. payments*
- ✓ *Royalties (NSR, NPI, %, buy-out terms, advance payments)*
- ✓ *Timeline (buy-in, earn-in, staking)*
- ✓ *Property pipeline status*

✓ **Acquisition Stage of Exploration and/or Development**

- ✓ *Project generation, prospect*
- ✓ *Grassroots (greenfields) or brownfields exploration*
- ✓ *Subsurface trenching and drilling*
- ✓ *Advanced to resource drilling*
- ✓ *Pending Economic Studies - SS, PEA, PFS, FS*



Project Value Proposition

TSX Venture: SSE

✓ **Personnel Focus**

- ✓ *Evaluation expertise - in-house, external*
- ✓ *Networking - in-house, providers, consultants*
- ✓ *Area-specific support, management, legal, technical*
- ✓ *Technology opportunities, interpretation specialists*

✓ **Managing Stages of Exploration**

- ✓ *Project generation & prospecting*
- ✓ *Grassroots or brownfields exploration - single to multi-stage*
- ✓ *Subsurface trenching and drilling*
- ✓ *Advanced to resource drilling*

✓ **Review Options**

- ✓ *Setting criteria for decisions*
- ✓ *Time scheduling, task-driven, results-driven, etc.*



Project Value Proposition

TSX Venture: SSE

✓ **Managing Milestones - non-technical**

- ✓ *Commodity Prices*
- ✓ *Location Variance (govt, local, laws, taxes, etc.)*
- ✓ *Revisions to Vendor, Deal Structure*
- ✓ *Dollars and Timeline (financing, advanced, extensions, etc.)*
- ✓ *Security, permitting, legal, relations - IFN, ejidos, kommunes, etc.*
- ✓ *Exploration Rating - external, neighbours, regional plays*

✓ **Managing Milestones - technical**

- ✓ *Stage gates, terms for success (or not)*
- ✓ *Exploration scope, budget, finance, partner-funded, streaming and royalty*
- ✓ *Timeline (work schedules, seasonality, etc.)*
- ✓ *Ore types, process metallurgy, geometallurgy - predictive to operational*



Project Value Return

TSX Venture: SSE

- ✓ **Managing Project Advancement, Partnerships and/or Divestment**
 - ✓ **Financial and stock returns at any exploration stage on positive news**
 - ✓ *Prospect stage - cash, share and partner-funded work earn-in option*
 - ✓ *Grassroots exploration - cash, share and partner-funded work earn-in option*
 - ✓ *Brownfields exploration - partner-funded work, major or producer (option?)*
- ✓ *Not so good news - divest, sell or drop claims, decline or revise options*
- ✓ *Mixed news or change of variables - maintain % for re-evaluation, revise terms*
- ✓ *Positive news*
 - ✓ *Advance to joint ventures (50:50 to 70:30) in early stages*
 - ✓ *Advance to minority % (10-40%) with majority ownership by partner*
 - ✓ *Advance through dilution or minority buyout to NSR, NPI, AR, etc.*
 - ✓ *Rollover to royalty at <10%, NSR or NPI cash buyouts*
 - ✓ *Go to buyouts and production scenarios*



Project Value Return

TSX Venture: SSE

✓ Buyouts and Production

✓ **Financial and stock returns at any stage on potential take-out, mine build**

✓ *Property sale at any time based on results*

✓ *e.g., Great Bear buyout, ON - drilling prior to PEA by Kinross (\$1.8B)*

✓ *Stock rose from <\$1 to sale price of \$29 in <4 years (2018-2021)*

✓ *Company sale at any time based on results*

✓ *e.g., Pierina buyout, Peru after 9 drill holes by Barrick (\$900MM)*

✓ *112MM tonnes ore, 200 tonnes Au, LOM costs <\$90/oz*

✓ Production scenarios

✓ *Partners - payout on % production in currency or in kind*

✓ *Royalty only - by gross or net production, by profit margin*

✓ *Corporate dividend payout, scheduled or special*

✓ *Timeline to production (3-15 years or more) - e.g., Kensington*



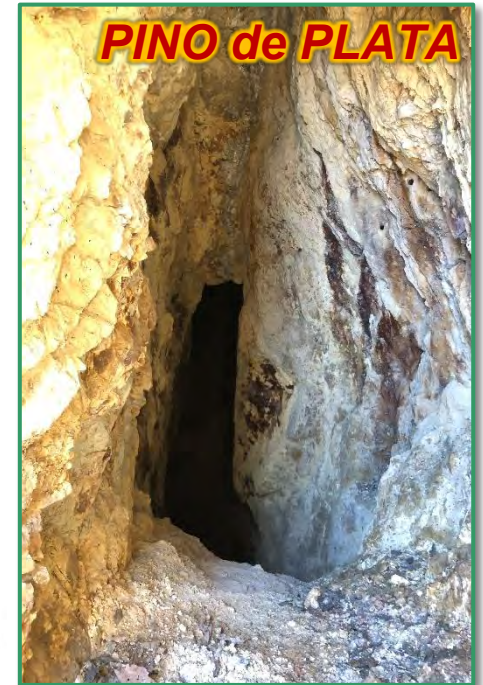
Project Locations - Canada

TSX Venture: SSE



Project Locations - Mexico

TSX Venture: SSE



Key Exploration Focus

TSX Venture: SSE

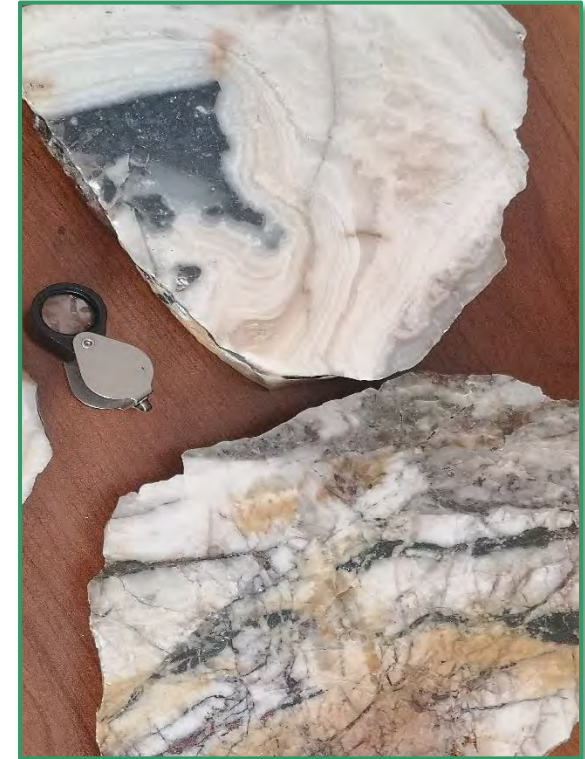
- ✓ MAPPING, PERMITTING FOR DRILLING **JACKIE, DIAMANTE** MX
- ✓ ADVANCE NEW DISCOVERY WITH TRENCHING AND DRILLING AT **JACKIE**, MX
- ✓ DEVELOP MORE PRIORITY TARGETS AND DRILL AT **DIAMANTE**, MX
- ✓ AIRBORNE INTERPRETATION AND MORE Au TILL SAMPLING AT **MYSTERY**, NL
- ✓ AIRBORNE GEOPHYSICS, LIDAR TO FOCUS FIELD WORK AT **MELCHETT LAKE**, ON
- ✓ EVALUATE EARLY MILESTONES FOR MEXICO DRILLING PRIORITIES, OPPORTUNITIES
 - ✓ ADD 2ND PHASE DRILLING AT **JACKIE** OR **DIAMANTE**
 - ✓ SIGN LAND ACCESS DEAL, RE-DIRECT TO **PINO DE PLATA**



Project Overview - Canada

TSX Venture: SSE

- ✓ Silver Spruce is acquiring through option 100% of the **8,750-hectare Mystery, Till and Marilyn** properties. **An additional 6,040 contiguous hectares added by staking in 2022.** Exploits Subzone Gold Belt in central Newfoundland near Sokoman Minerals and New Found Gold discoveries. Grassroots stage property.
- ✓ 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. New targets in recent exploration.
- ✓ Silver Spruce is acquiring 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 to **5,022 hectares** to complete coverage of the known mineralization reported over **22 km strike** length.
- ✓ High grade surface samples have yielded up to **28.8 g/t Gold and 19% Zinc.**



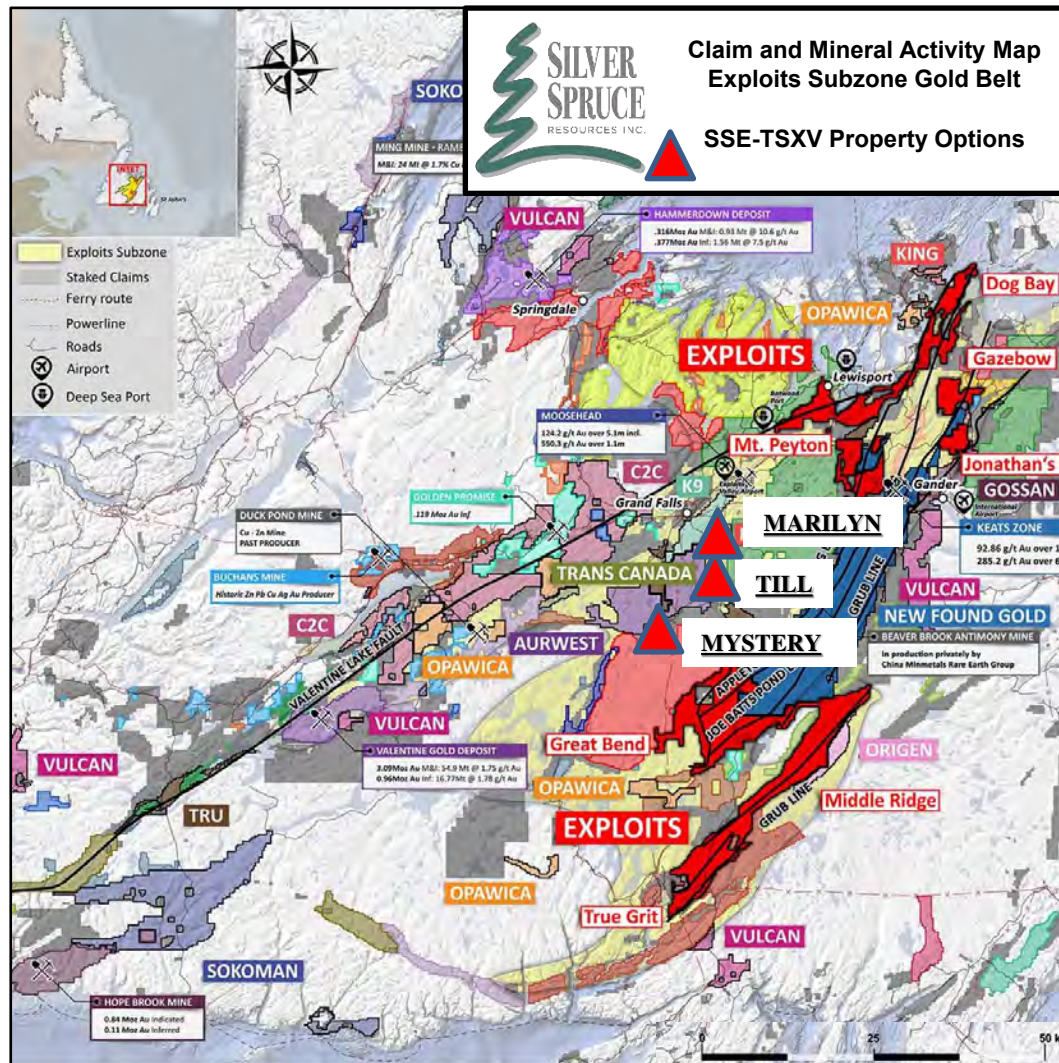
TSX Venture: SSE

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



Mystery - Regional Gold Play

TSX Venture: SSE

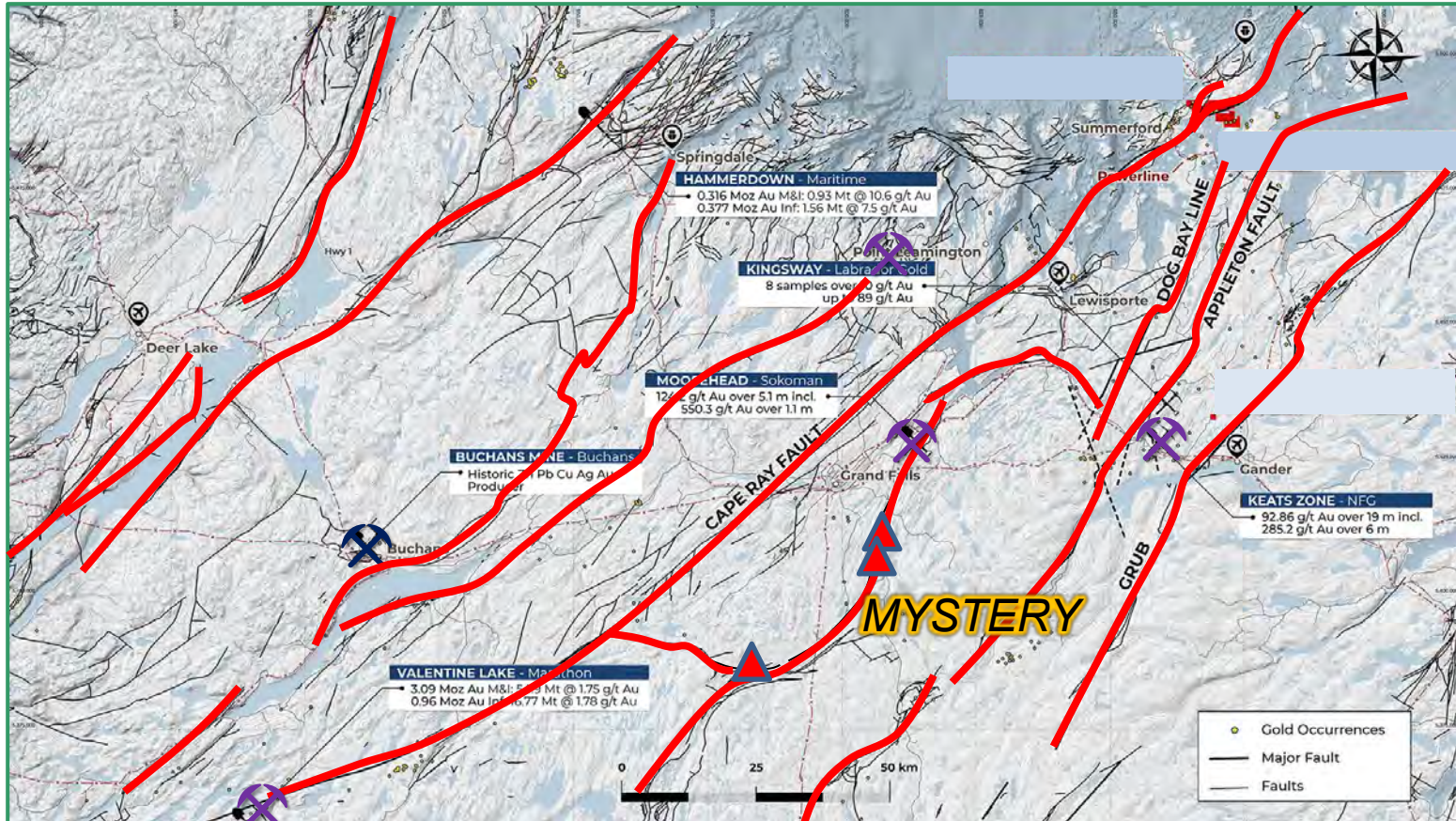


- ✓ Located 20-25 km west of New Found Gold Corp.'s Queensway project and 15-35 km south of Sokoman Minerals' Moosehead gold project, central Newfoundland
- ✓ Strategic location in active exploration camp
- ✓ Proximal to major and secondary structural features defined by regional and local geophysical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



Mystery - Proximity to Regional Structures

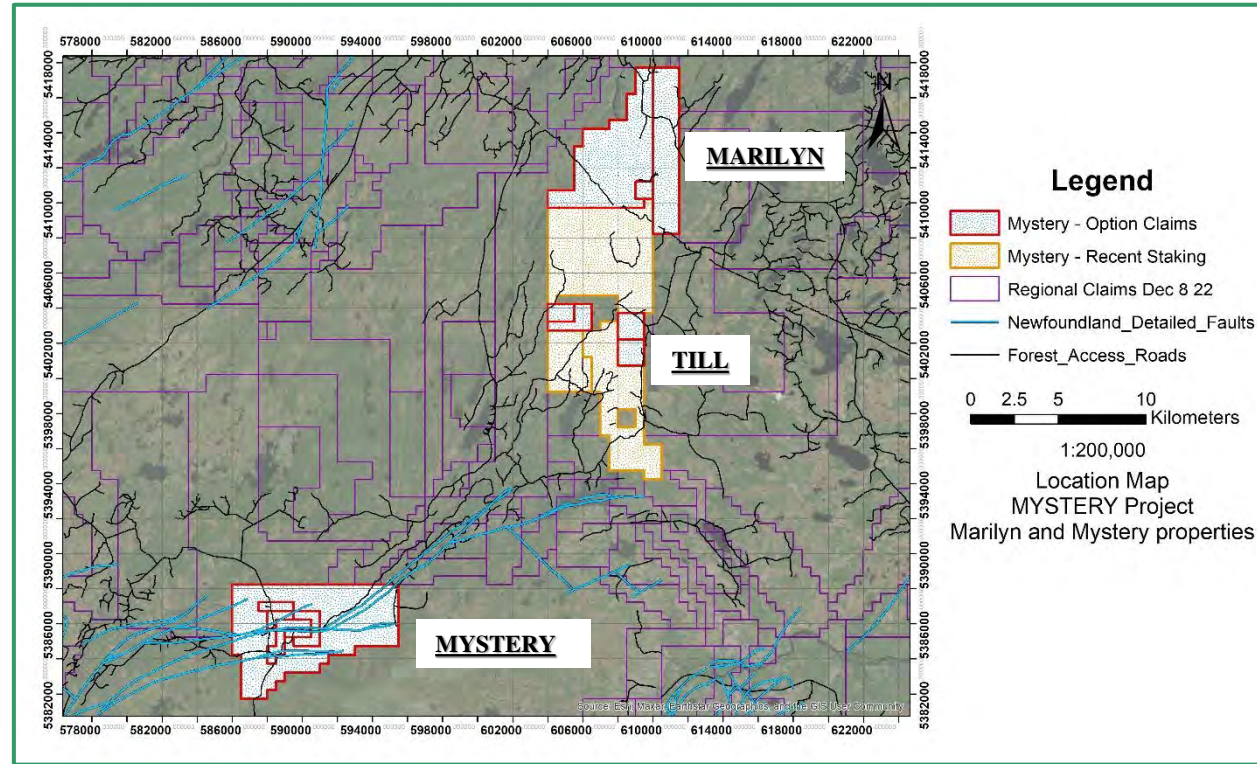
TSX Venture: SSE



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

Mystery - Exploration Quote

TSX Venture: SSE



“We have great access, prospective geology with only limited exploration and no history of drilling. Airborne geophysics completed and additional till sampling underway with several targets indicated.”



Mystery - The Property

TSX Venture: SSE

- ✓ **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**
- ✓ 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 - Exploration and Plans

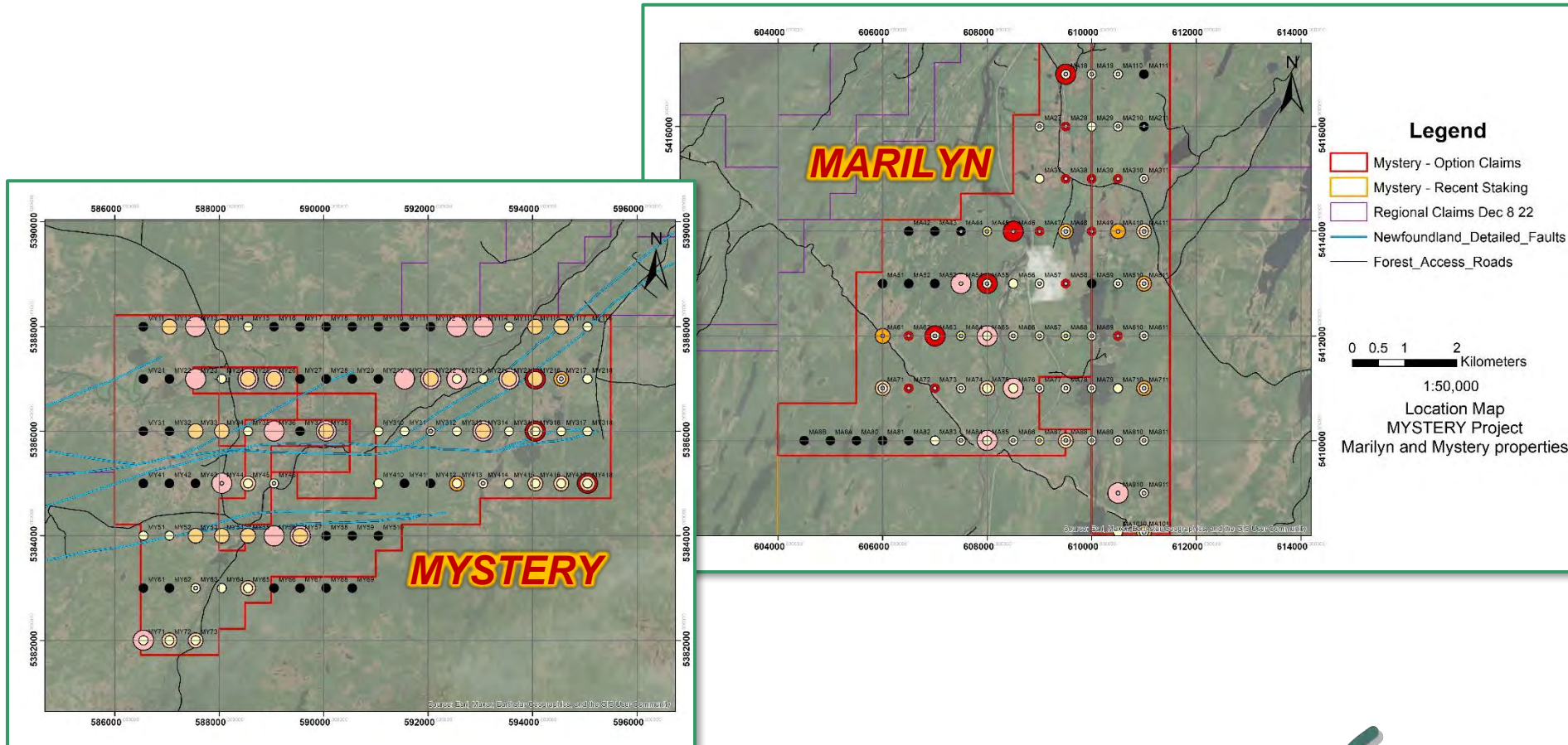
TSX Venture: SSE

- ✓ GIS Compilation ongoing in 2023
- ✓ Acquisition, Review and Interpretation of Regional Geophysical Surveys planned 2023
- ✓ **Permitting completed for early 2023 work**
- ✓ **New airborne geophysics done Q1 2022**
- ✓ **Gold Grain Till Sampling 2021, 2022**
- ✓ **Additional till sampling in Spring 2023**
- ✓ **Initial results show Au-As-Sb anomalies**
- ✓ **Till Processing and Assays pending for current program**
- ✓ Structural and lineament mapping Q2/3 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 2024



Mystery - Gold Grain in Till Sampling

TSX Venture: SSE



Property-wide till sampling for heavy mineral concentration, gold grain collection with frequency, size and morphological analysis, and geochemical multi-element analysis of concentrate. Samples show combined Au-As-Sb results.



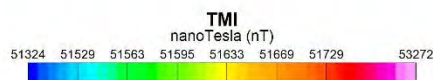
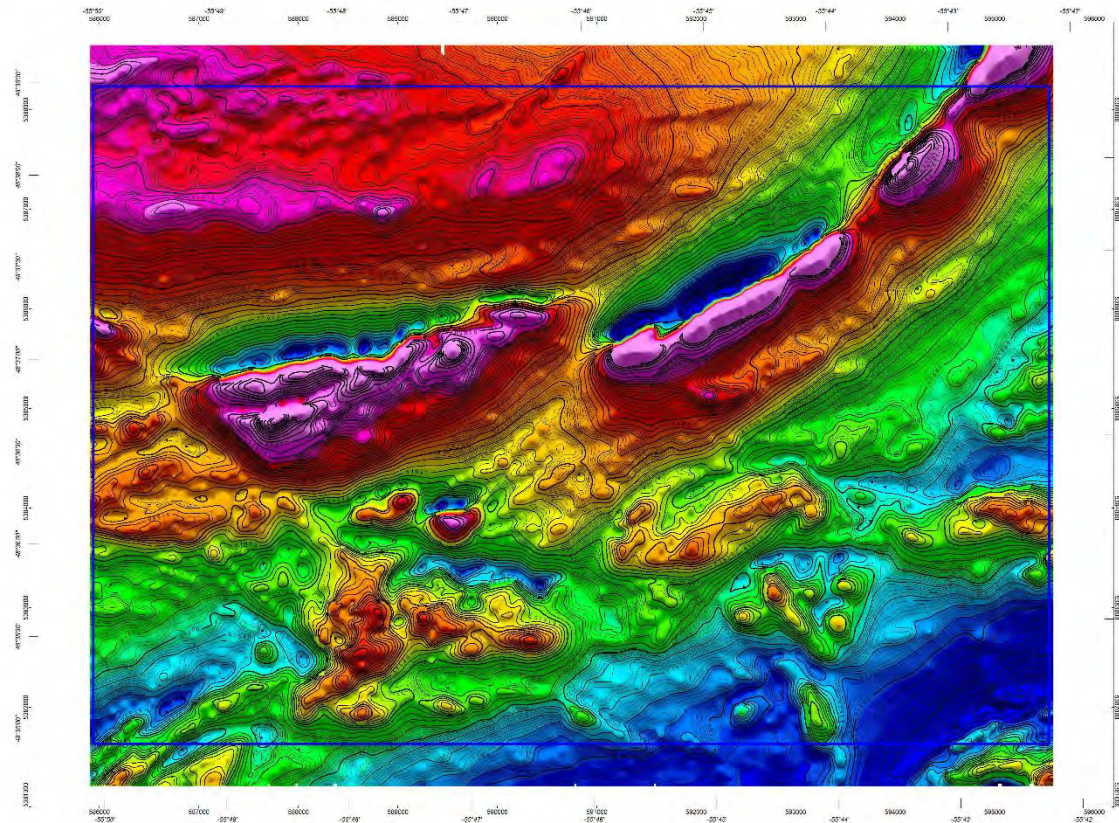
Mystery - 2022 Airborne Geophysics

TSX Venture: SSE

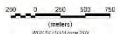
MPX Geophysics
Feb 2022
Preliminary Map

Total Field Magnetics (TMI)

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



 Survey Area Boundary



SILVER SPRUCE RESOURCES INC.
South Block (Mystery)
Survey in NFLD
Total Magnetic Intensity (TMI)
PRELIMINARY
MPX Geophysics Ltd.



TSX Venture: SSE

***Melchett Lake
Zn-Au-Ag-Cu-Pb
VMS Project,
Ontario, Canada***



Melchett Lake - The Property

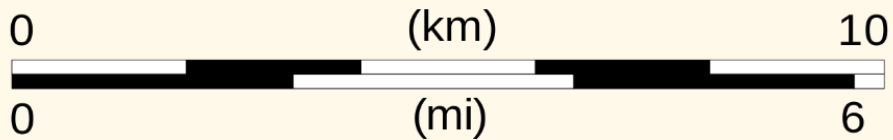
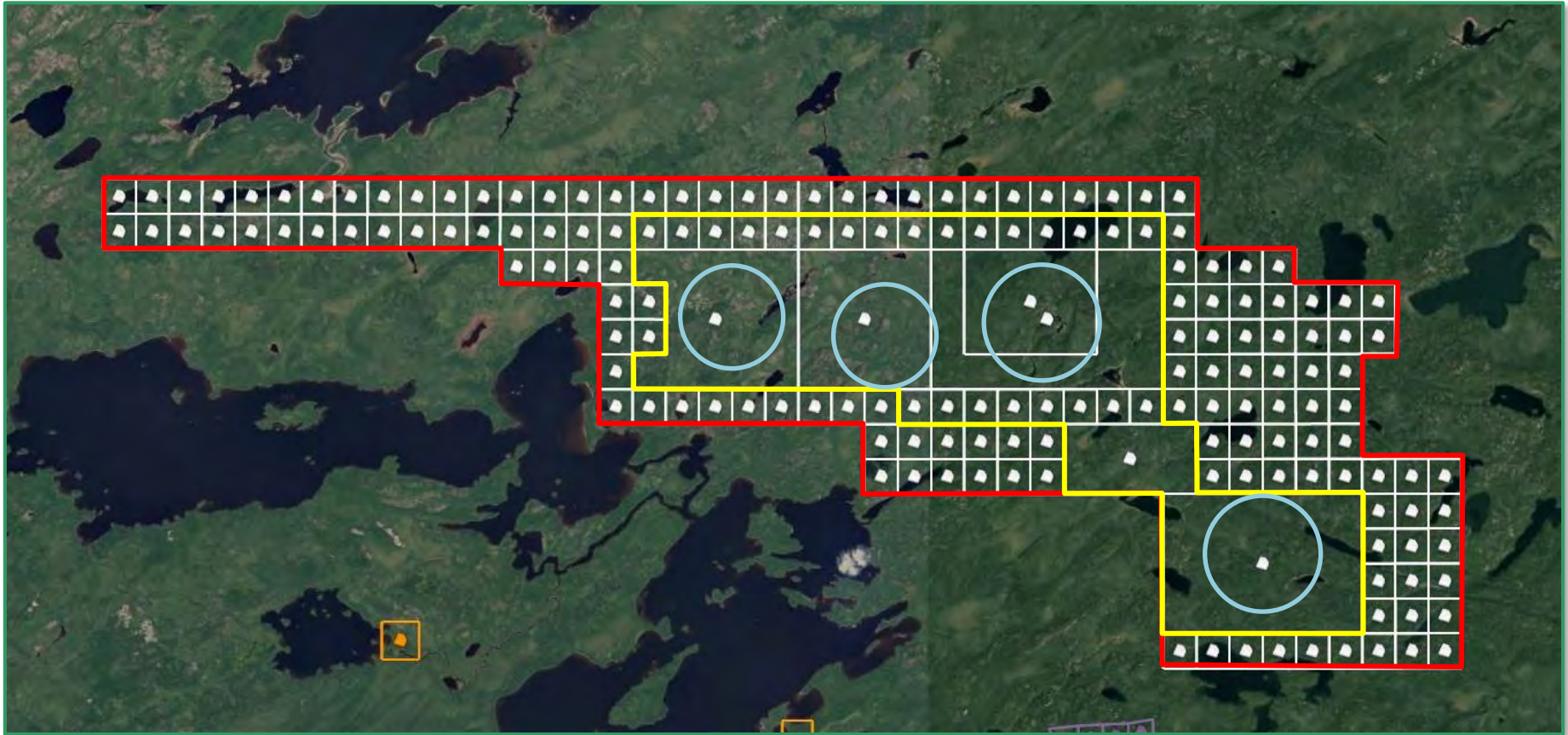
TSX Venture: SSE

- ✓ 5,022 hectare Melchett Lake property contains polymetallic Zn-Pb-Cu-Ag-Au VMS style mineralization
- ✓ Similar in character to ore deposits at Geco, Matabi, Winston Lake, Brunswick, Rouyn-Noranda, Lyon Lake, Murchison, Snow Lake
- ✓ Road, 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 560 g/t, Au to 28.8 g/t, Cu to 1.65%**, Pb to 1.2%



Melchett Lake – Claim Map

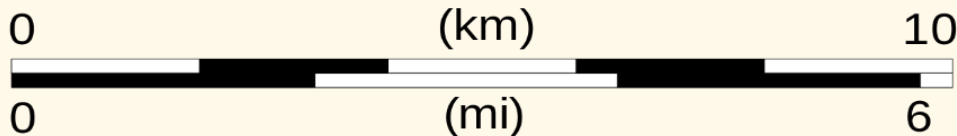
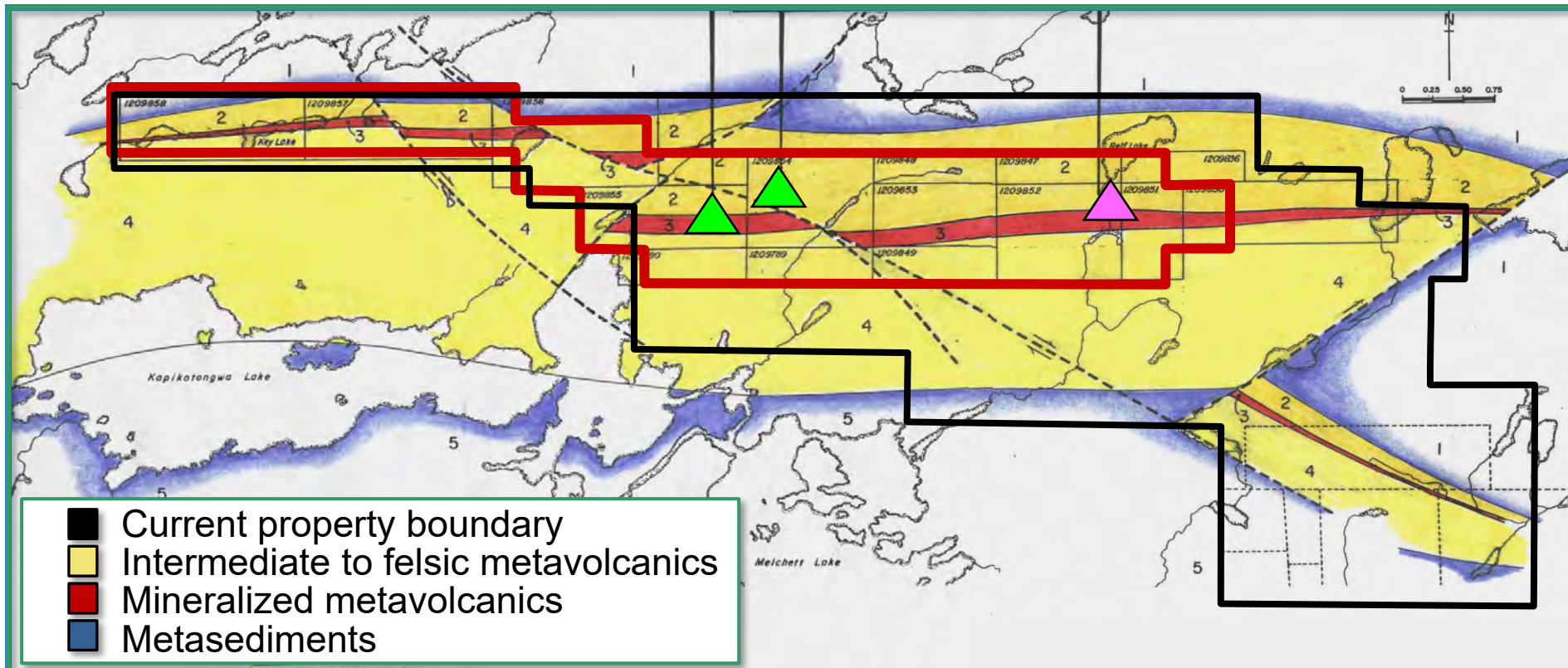
TSX Venture: SSE



Melchett Lake - Historical Geology Map

TSX Venture: SSE

Melchett Lake historical claims (red), geology and mineral occurrences



Melchett Lake - Exploration and Plans

TSX Venture: SSE

- ✓ **Signed Agreement with Aroland First Nation in Q2 2021**
- ✓ **Signed Agreement with Ginoogaming First Nation in Q3 2021**
- ✓ **Finished MPX Geophysics Mag/VLF/Gamma Survey Q4 2021**
- ✓ **Contracted in3D Geoscience for geophysical compilation**
- ✓ **GIS Compilation, Re-Interpretation of BHPEM, HeliTEM and Regional Magnetic Surveys Q1 2022**
- ✓ **Exploration permits received in Q1 2022; FNs and ENDM record of decision received**
- ✓ **Contracted Western Heritage for Phase 1 Archeological Traditional Land Use and Occupancy Report Q1 2022**
- ✓ Contracting Pleson Geoscience for re-start of camp construction and operations deferred to Q3 2023
- ✓ Line-cutting and Quantec Geoscience Spartan MT survey, deferred to Q3 2023
- ✓ Structural and lineament mapping, Prospecting, Soil and Rock Geochemistry, Targeted geological mapping Q3 2023
- ✓ Drilling - Au-Ag-Zn, 2,000m - 2,500m Q4 2023 / Q1 2024



Melchett Lake - Nakina Zone

TSX Venture: SSE

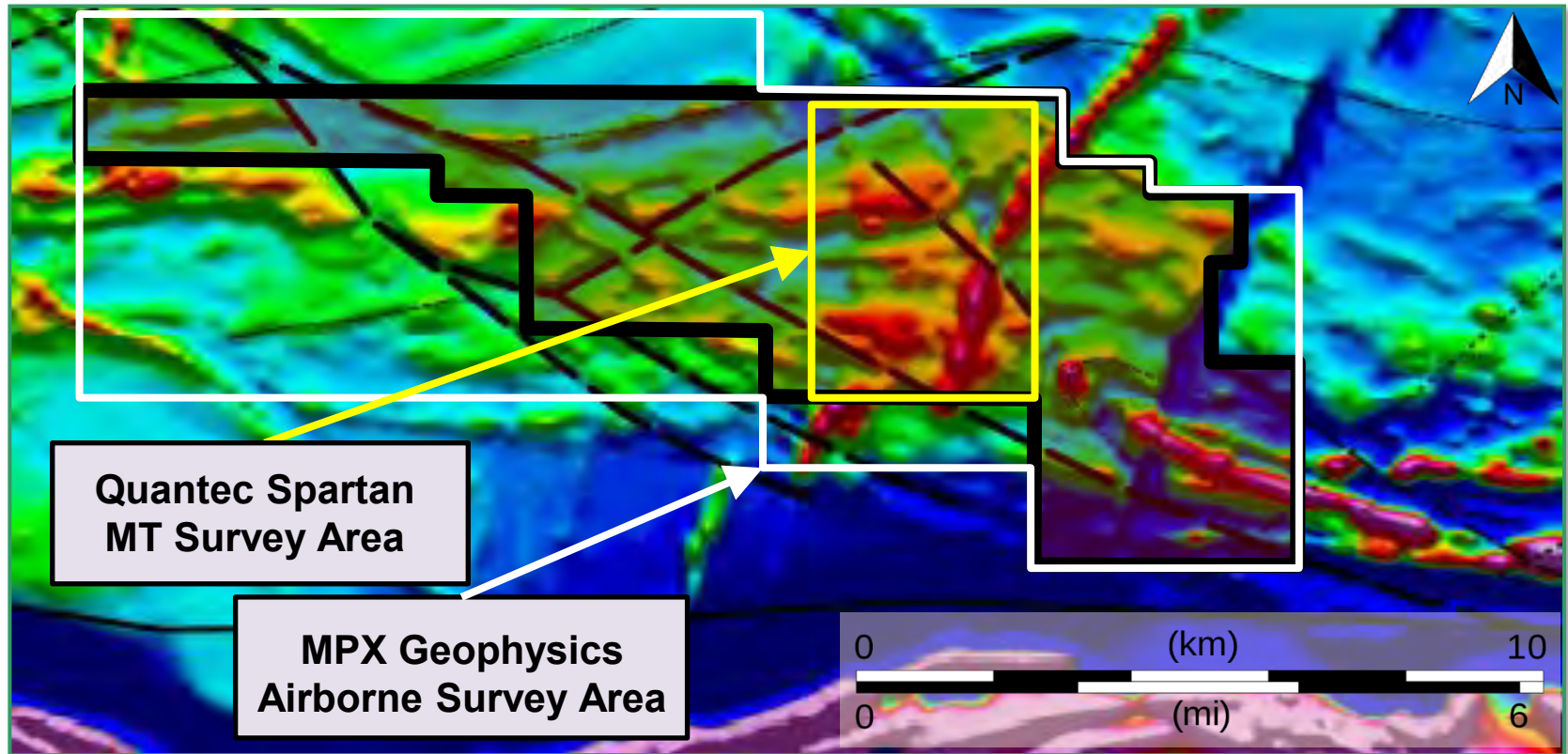


SSE Director Greg Davison and Project Geologist Luc Lepage
at Nakina Zone trenching areas



Melchett Lake - Exploration Stages

TSX Venture: SSE



2010 MNDM Survey - Total Field Magnetics over 5,022-ha Melchett Lake claims (red boundary) showing 2021 MPX and 2023 Quantec surveys; following slide shows detailed MPX survey results in comparison

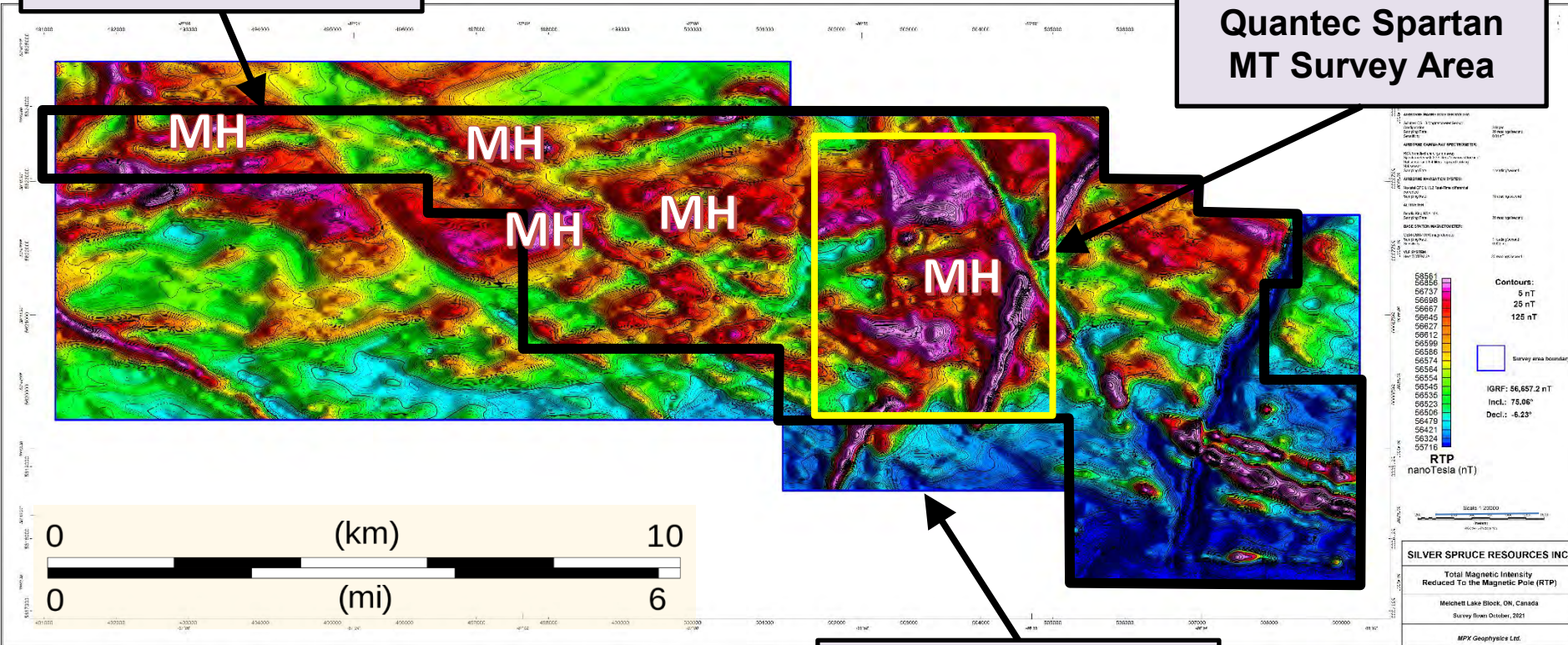


Melchett Lake - Exploration Update

TSX Venture: SSE

Property Boundary

Quantec Spartan
MT Survey Area

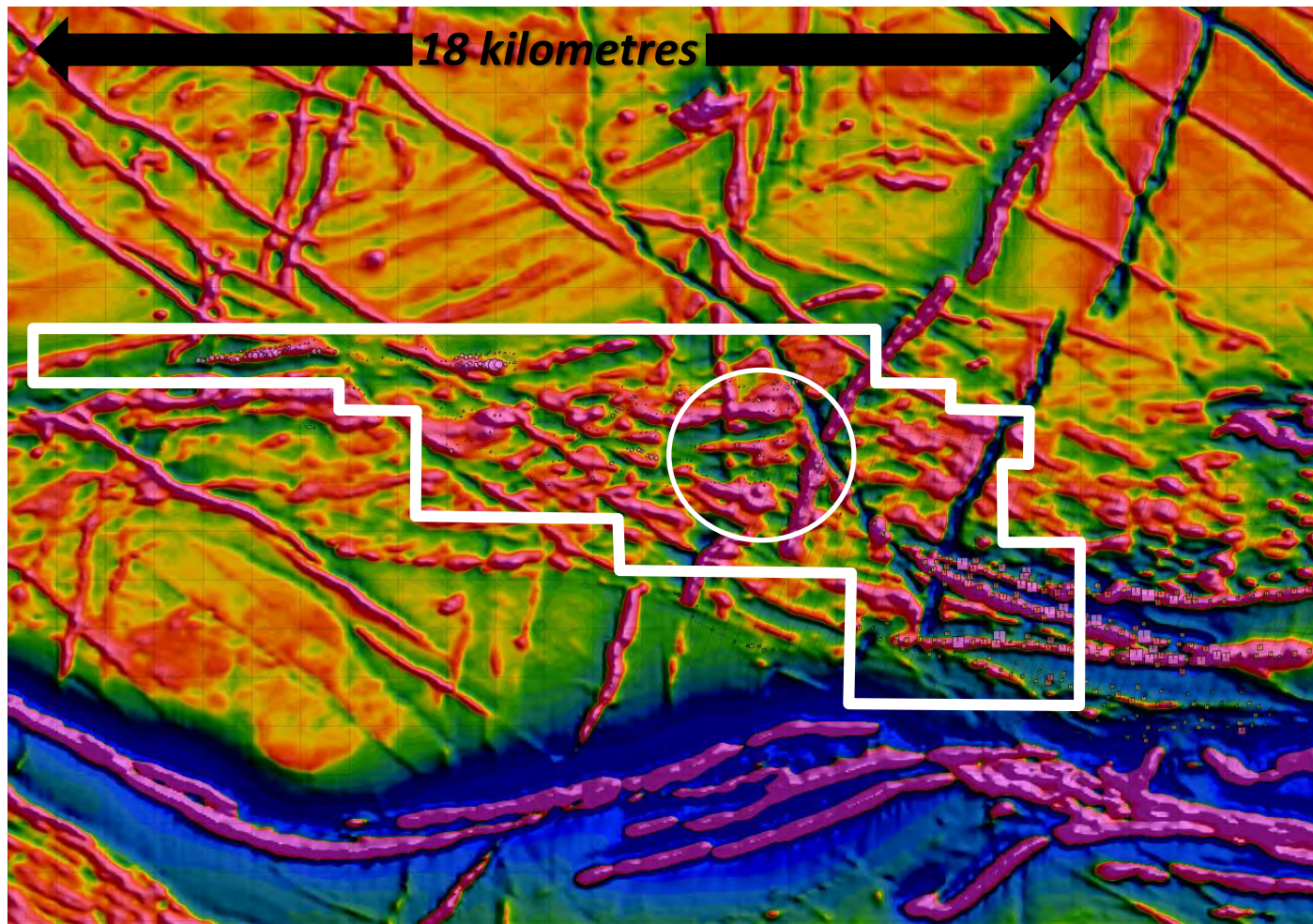


MPX Geophysics
Airborne Survey Area



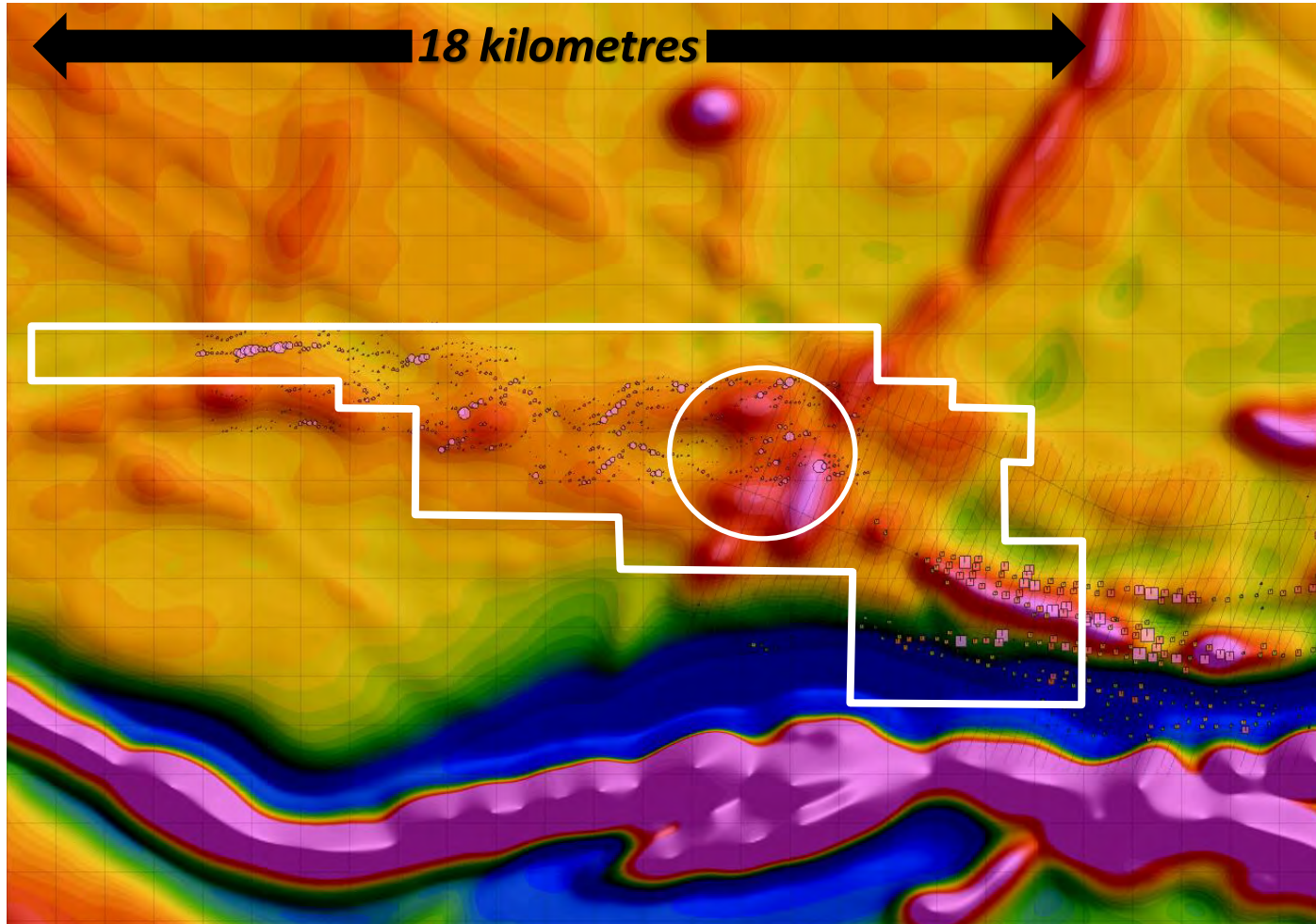
Melchett Lake - Exploration Update

TSX Venture: SSE



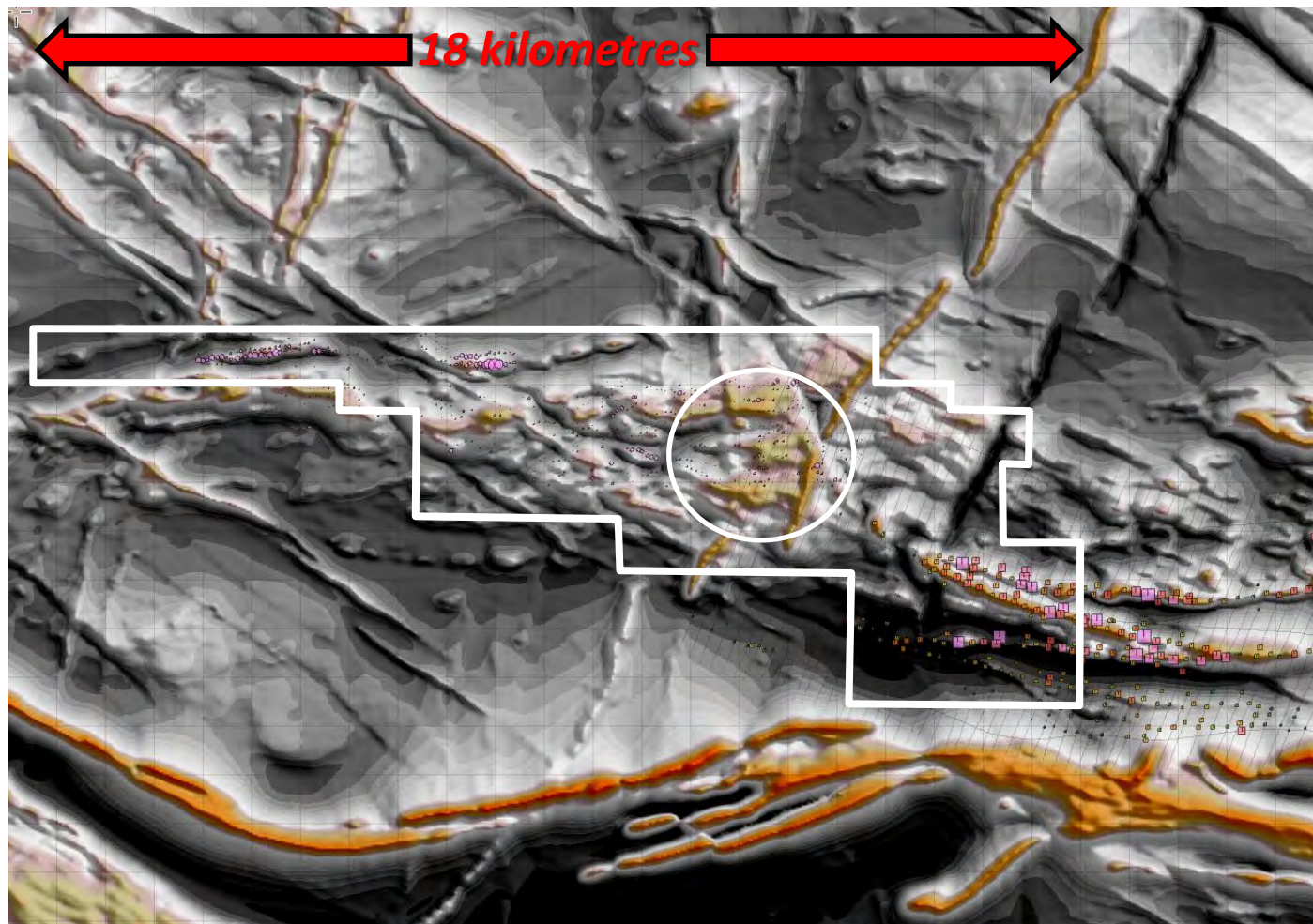
Melchett Lake - Exploration Update

TSX Venture: SSE



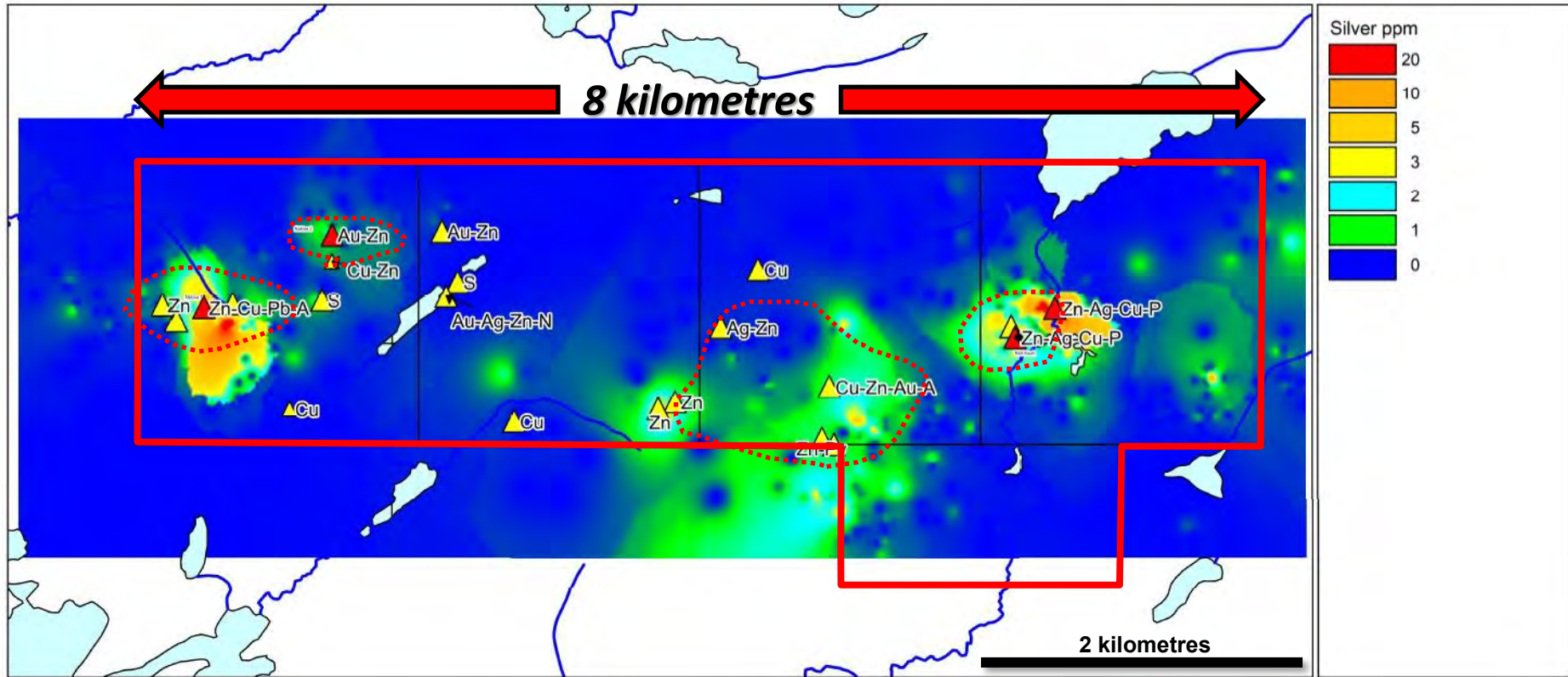
Melchett Lake - Exploration Update

TSX Venture: SSE



Melchett Lake - Geochemistry

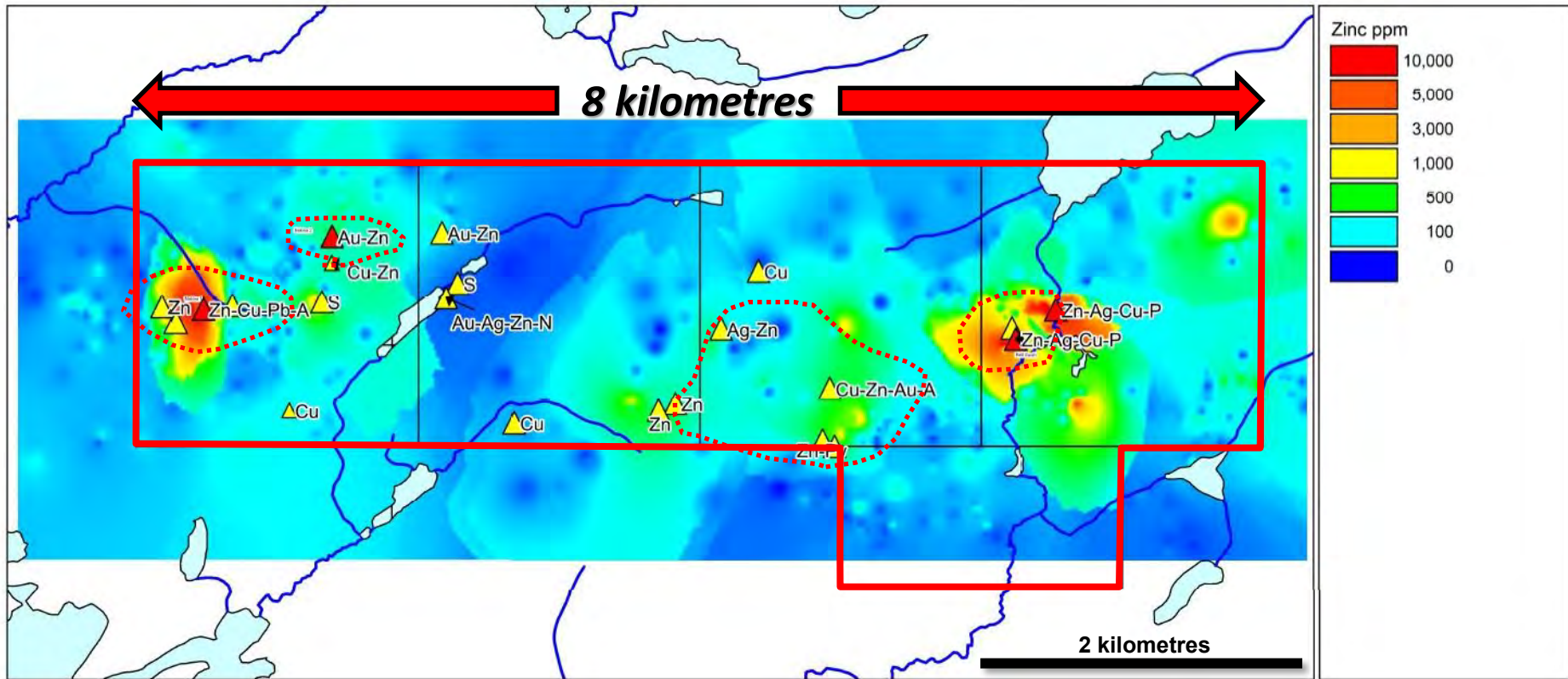
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Contoured silver analyses from grab rock samples

Melchett Lake - Geochemistry

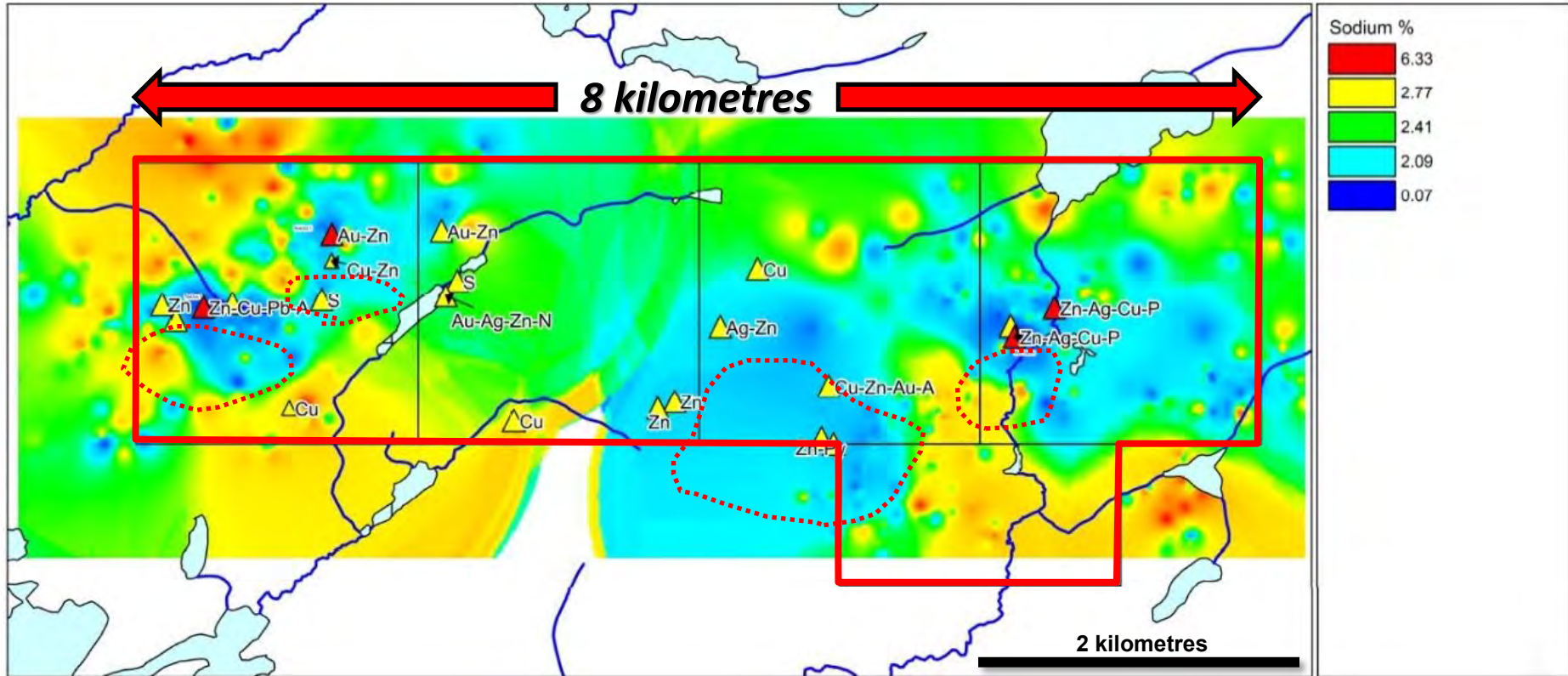
TSX Venture: SSE



Contoured zinc analyses from grab rock samples

Melchett Lake - Geochemistry

TSX Venture: SSE

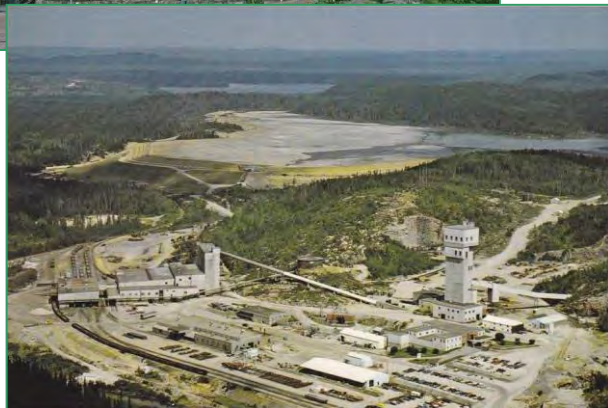
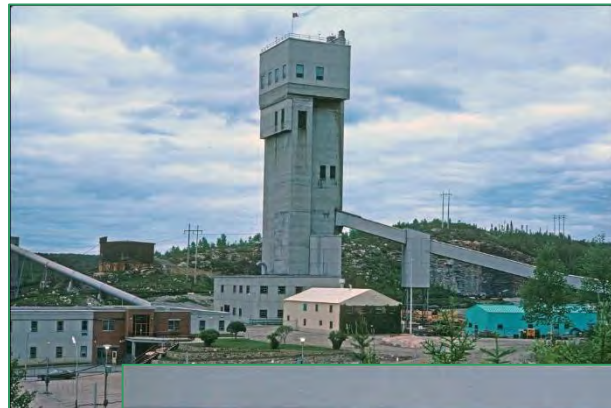


Principal sodium depletion anomalies from grab rock sampling

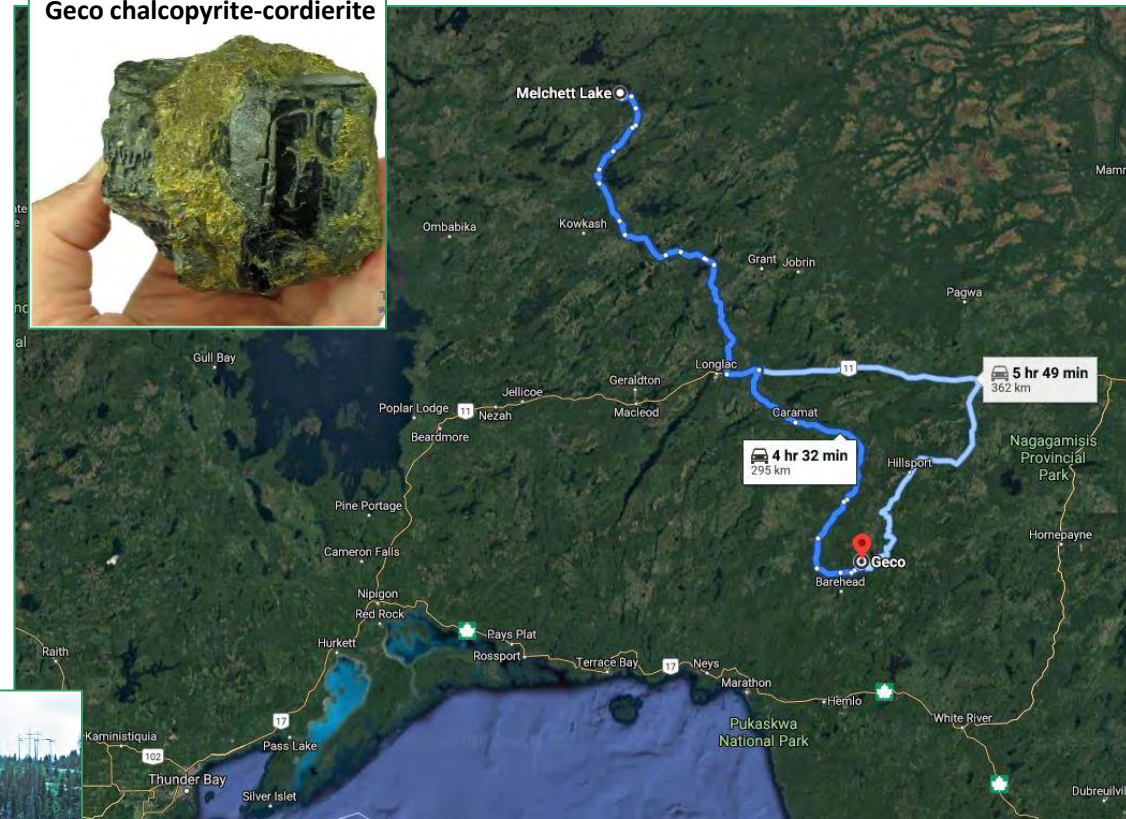
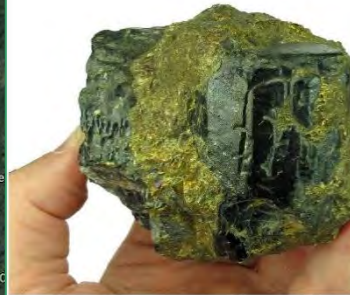
Melchett Lake and Geco Comparison

Style, Grade, Size, Structure and Location with Potential

TSX Venture: SSE



Geco chalcopyrite-cordierite



Melchett Lake and Geco Comparison

Style, Grade, Size, Structure and Location with Potential

TSX Venture: SSE

- ✓ Polymetallic Zn-Pb-Cu-Ag-Au VMS mineralization e.g., Matabi, Winston Lake, Brunswick
- ✓ Amphibolite grade in greenstone belt near margin of 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



Geco Mine Value Summary

Style, Grade, Size, Structure and Location with Potential

TSX Venture: SSE

- ✓ Discovered 1953
- ✓ 15Mt at production decision 1954
- ✓ Operating mine 1957
- ✓ Closure 1995
- ✓ Total resource 58 Mt
- ✓ **33 years pit and U/G production** 48 Mt
- ✓ Mine grade 4% Zn, 2% Cu, 52 g/t Ag, 0.3% Pb

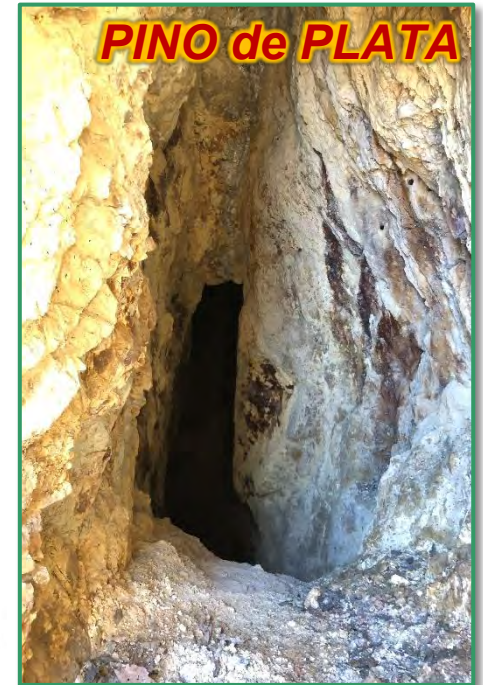


- ✓ Startup valuation \$293 million; **resource growth 15Mt to 58Mt during mine life**
- ✓ 4,000-5,000 tpd mine and mill, main and 3 internal shafts; max depth 1320 metres
- ✓ Mill recovery average Cu 92%, Zn 83%, Ag 72%
- ✓ Annual production Cu 20Kt-30Kt, Zn 32Kt-71Kt, Ag 1.2-1.6MOz
- ✓ **Annual average value** recovered \$300,000,000 (Dec 2020 metal price\$)



Project Locations - Mexico

TSX Venture: SSE



Mexico - The Potential

TSX Venture: SSE

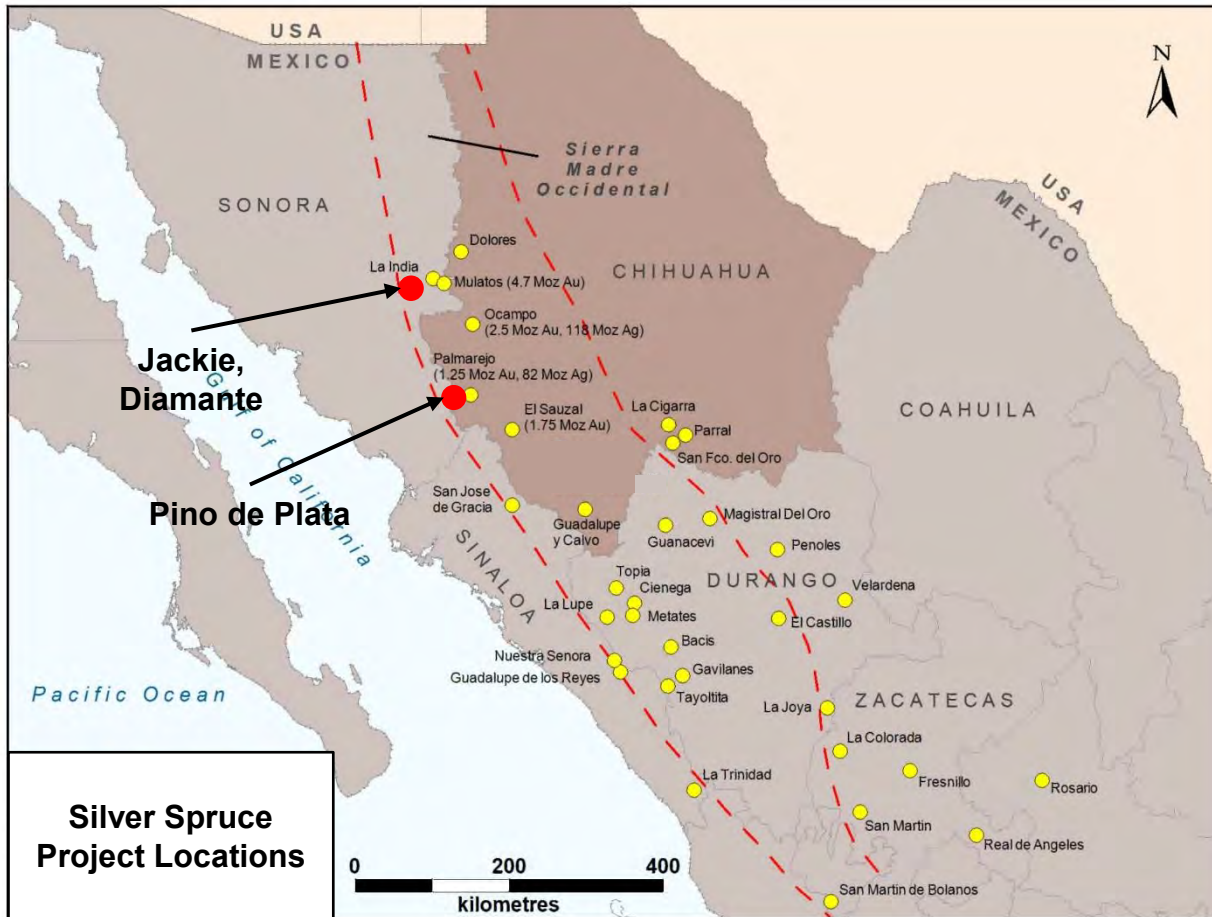
- ✓ *Located within northwest-trending “Sonora Gold Belt” in Sierra Madre and parallel to Au-Ag-rich Mojave-Sonora Megashear*
- ✓ *Properties well located near Coeur’s Palmarejo Au-Ag Mine, Minera Alamos’ Santana/Nicho Au Mine and others*
- ✓ **Diamante - Ten showings** with many high-grade Au-Ag-Zn-Pb-Cu values on multiple vein, skarn and porphyry targets
- ✓ **Jackie - Greenfields Au-Ag** discovery over 200m x 400m target in 2021; low to high grade opportunity
- ✓ **Pino de Plata - Twelve Ag-Pb-Zn targets**; 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*



Project Locations

Sierra Madre Occidental - Sonora

TSX Venture: SSE



Diamante Au-Ag Project, Sonora, Mexico



Diamante - The Property

TSX Venture: SSE

- ✓ Located 54km SW of Mulatos and 60km SW of La India Mines in the Sierra Madre Occidental gold-silver belt, 10km W of Nicho deposit
- ✓ Road and trail-accessible concessions comprising 1,057 hectares located 165km SE of Hermosillo
- ✓ Multiple Exploration Targets in vein, skarn and disseminated mineralization at La Prieta-El Aguaje, El Chon, El Pillado, La Olla, Lupita, Mezquite Raizudo, El Puerto, El Cumbro, Calton and Anomalía Sur
- ✓ Artisanal mining and limited exploration
- ✓ West and adjacent to El Mezquite and Jackie properties
- ✓ Option Agreement to earn up to 50% interest
- ✓ Historical sampling reports **up to 39.8 g/t Au, 3,460 g/t Ag, 18.2% Pb and 33.5% Zn** in separate samples from surface, U/G and mine dumps



Large color anomaly with strong clay, hematite, jarosite alteration

Diamante - Location, Access, Targets

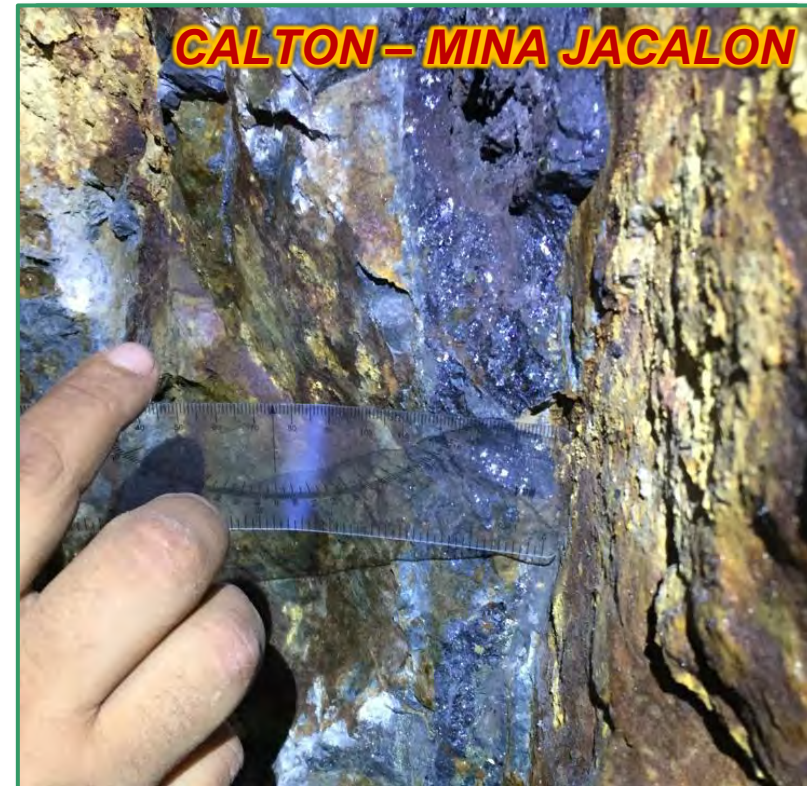
TSX Venture: SSE



Diamante - Exploration and Plans

TSX Venture: SSE

- ✓ LiDAR survey completed to provide high resolution topography and imagery
- ✓ Regional hyperspectral ASTER and Landsat 8 OLI interpretation and rock sample hyperspectral in process Q2/3 2022
- ✓ ArcGIS Compilation Q2 2022
- ✓ Due diligence sampling verifies several Au-Ag-Pb-Zn-Cu targets with artisanal working and mine dumps with **1.19 g/t Au, 834 g/t Ag, 1.2% Pb and 6.8% Zn**
- ✓ **Phase 1 ground geological targeting on known workings and mineralization completed during Q1 2022**
- ✓ LiDAR survey structural interpretation underway
- ✓ Design plans for 2,000m Phase 1 drilling on principal targets Q1 2022
- ✓ **Environmental report completed with receipt of drill permits Q1 2022**
- ✓ Phase 1 drilling proposed for Q2 2022



Diamante Historical Rock Sampling - Part 1

TSX Venture: SSE

Location	SAMPLE ID	Au ppm	Ag ppm
Calton Sur	65685	39.8	109
Calton	65615	18.65	62
La Prieta	65514	6.76	351
El Cumbro	No tiene	6.41	3460
Mezquite Raizudo Sur	65670	6.41	307
La Prieta	3451	5.68	298
Mezquite Raizudo	65660	5.64	8
Mezquite Raizudo	65664	3.87	557
El Cumbro	3455	3.60	1,560
El Puerto	65611	3.22	5
La Prieta	65515	2.64	183
El Puerto	65713	2.57	14
Veta La Cruz	65605	2.52	233
La Olla	65557	2.05	5
El Cumbre	65668	1.98	5
Anomalía Sur	VLO-07	1.292	23.7
El Chon	3469	1.17	705
La Prieta	3453	1.11	211
Mezquite Raizudo	65665	1.11	9
Aguaje	65506	1.09	5
Calton NE	65683	1.09	5



Diamante Historical Rock Sampling - Part 2

TSX Venture: SSE

Location	Sample ID	Au ppm	Ag ppm	Pb ppm	Zn ppm	Cu ppm
La Prieta	D-4	25.69	1,265	182,200	230,720	14,700
La Prieta	30257	5.21	446	96,600	12,900	5,420
La Prieta	1886	4.979	260	7,273	19,347	953
El Chon	30293	3.03	1,360	103,500	327	---
La Prieta	D-6	2.77	172	3,900	3,860	400
La Prieta	30259	2.14	4	299	291	61
El Chon Oeste	1920	1.54	746	16,781	1,145	517
La Olla	D-4	1.19	85	36,000	184,000	---
La Prieta	D-5	1.04	226	19,900	24,330	2,600
Aguaje	1882	1.028	310	19,892	4,290	181
La Prieta	1885	1.013	81	20,556	12,074	1,138



Diamante Historical Rock Sampling - Compiled

TSX Venture: SSE

SORTED BY Au and Ag EQUIVALENT GRADES (g/t)

Location	Sample ID	Au ppm	Ag ppm	Au equivalent	Ag equivalent
La Prieta	D-4	25.69	1,265	64.3	5,135.5
El Cumbro	No tiene	6.41	3,460	49.7	3,972.1
Calton Sur	65685	39.8	109	41.2	3,288.6
El Chon	30293	3.03	1,360	24.0	1,916.4
El Cumbro	3455	3.60	1,560	23.1	1,847.6
La Olla	D-7	0.61	58	21.7	1,732.3
Pillado	1876	0.306	159	19.9	1,593.2
La Olla	D-3	0.5	65	19.8	1,581.1
Calton	65615	18.65	62	19.4	1,552.0
La Prieta	30257	5.21	446	16.1	1,282.9
La Olla	D-6	0.366	90	15.5	1,234.7
La Olla	D-4	1.19	85	14.4	1,152.2
Pillado	D-9	0.27	84	13.9	1,107.9
El Chon	1891	0.292	1,067	13.8	1,104.5
La Olla	D-2	0.85	68	12.7	1,014.3
La Olla	D-5	0.16	150	12.3	979.3
El Chon Oeste	1920	1.54	746	11.7	931.7
La Prieta	65514	6.76	351	11.2	891.1
Mezquite Raizudo	65664	3.87	557	10.8	866.2
Mezquite Raizudo Sur	65670	6.41	307	10.3	819.1
El Chon	3469	1.17	705	10.0	798.5

Ag	\$	23.77	oz
Au	\$	1,899.00	oz
Pb	\$	1.07	lb
Zn	\$	1.64	lb
Cu	\$	4.55	lb



Diamante 2022 Rock Sampling

TSX Venture: SSE

- ✓ Completed geological mapping of drill targets
- ✓ Sample in image collected from Calton in Diamante 2 Concession
- ✓ Euhedral sulphides with tarnish
- ✓ Open space filling in pocket
- ✓ Preliminary PXRF (portable x-ray fluorescence) analysis reported 28 g/t Au
- ✓ Assays received from ALS Global in Hermosillo and Vancouver
- ✓ **Precious metals (Au to 51.5 g/t, Ag to 2,270 g/t), base metals (Pb to 42.3 wt.%, Zn to 22.9 wt.% and Cu to 3.2 wt.%)**
- ✓ Pathfinders each exhibited weak to highly anomalous values commonly with high Ag:Au and low to high Pb:Zn.
- ✓ Elevated Cu, Cd, Sb, Hg, As and Bi are linked commonly to Pb and/or Zn.



Diamante 2022 Rock Sampling (n=16 of 70)

TSX Venture: SSE

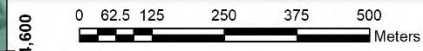
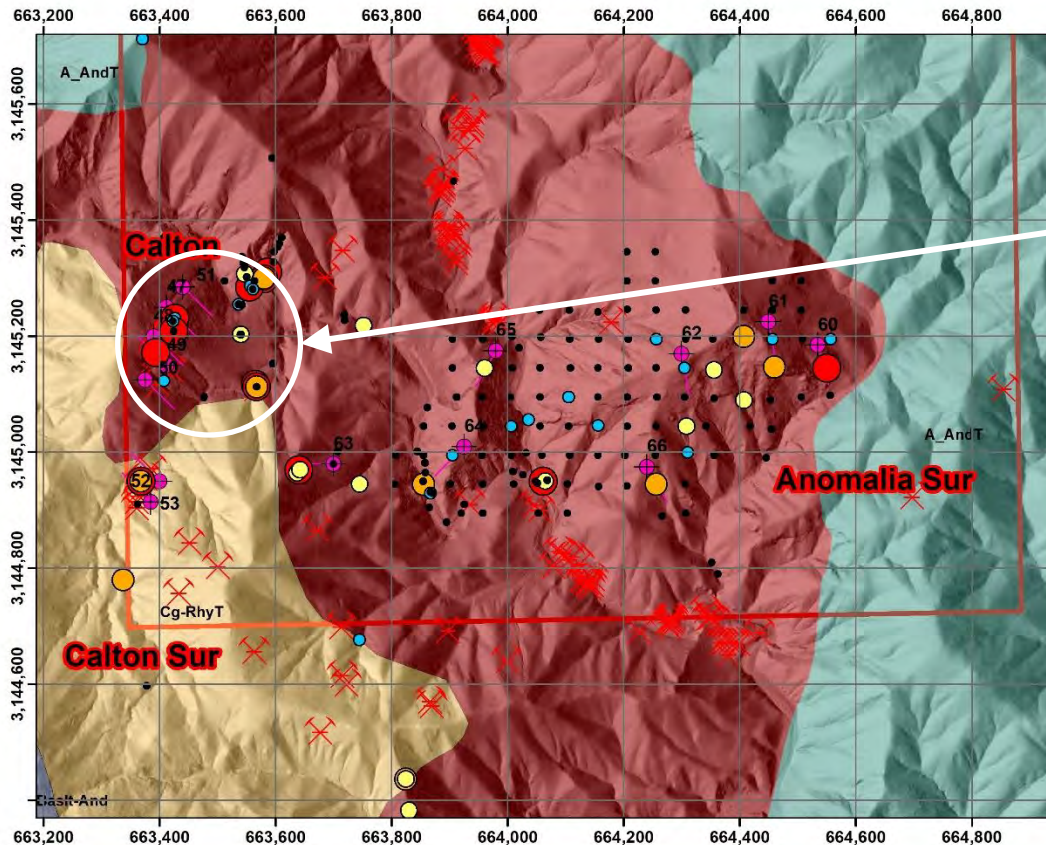
Target	Sample_ID	Au ppm	Ag ppm	Cu ppm	Pb %	Zn %
Calton	707410	51.5	11.3	76	0.09	0.01
Calton	707413	7.57	186	948	6.28	0.10
Mezquite Raizudo	707441	3.31	191	168	0.47	0.05
El Cumbro	707418	2.99	2270	2910	4.38	0.09
Mezquite Raizudo	707439	2.08	533	1945	3.78	7.47
La Prieta	707469	1.805	199	697	2.86	0.20
La Prieta	707468	1.41	140	1755	2.64	3.59
El Chon	707449	1.385	1980	88	11.10	0.01
La Prieta	707464	1.34	100	32000	5.67	16.75
Aguaje	707472	1.07	24.5	149	0.43	1.15
La Prieta	707470	0.939	223	2680	4.00	6.48
El Chon	707452	0.719	226	29	2.38	0.04
El Chon Oeste	707433	0.307	510	1620	0.47	0.04
Pillado	707460	0.27	81.8	589	3.60	22.90
Pillado	707453	0.197	1310	3740	42.32	8.20
Calton	707403	0.06	69.5	1225	2.48	5.91



Diamante 2022 Rock Sampling

TSX Venture: SSE

Silicified breccia grading 51.5 g/t Au from main Calton target. Diamante 2 SW location map on regional geology, graduated Au-Ag symbols.



Coordinate System: WGS 1984 UTM Zone 12N

SILVER SPRUCE
RESOURCES INC.

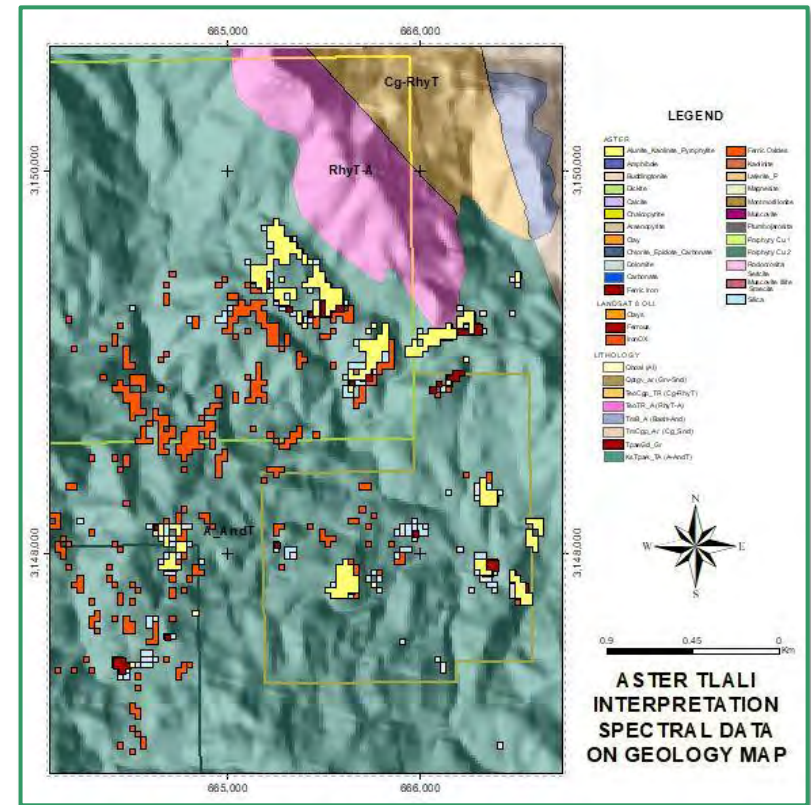
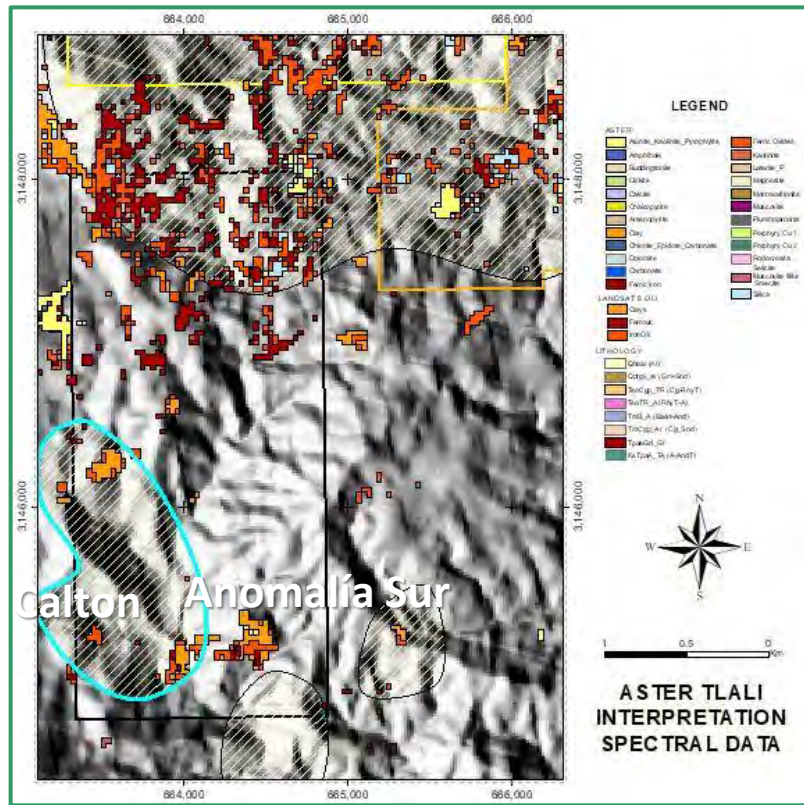
**Diamante 2
Geology**

April 18, 2022



Diamante 1 & 2 - Exploration Quote

TSX Venture: SSE

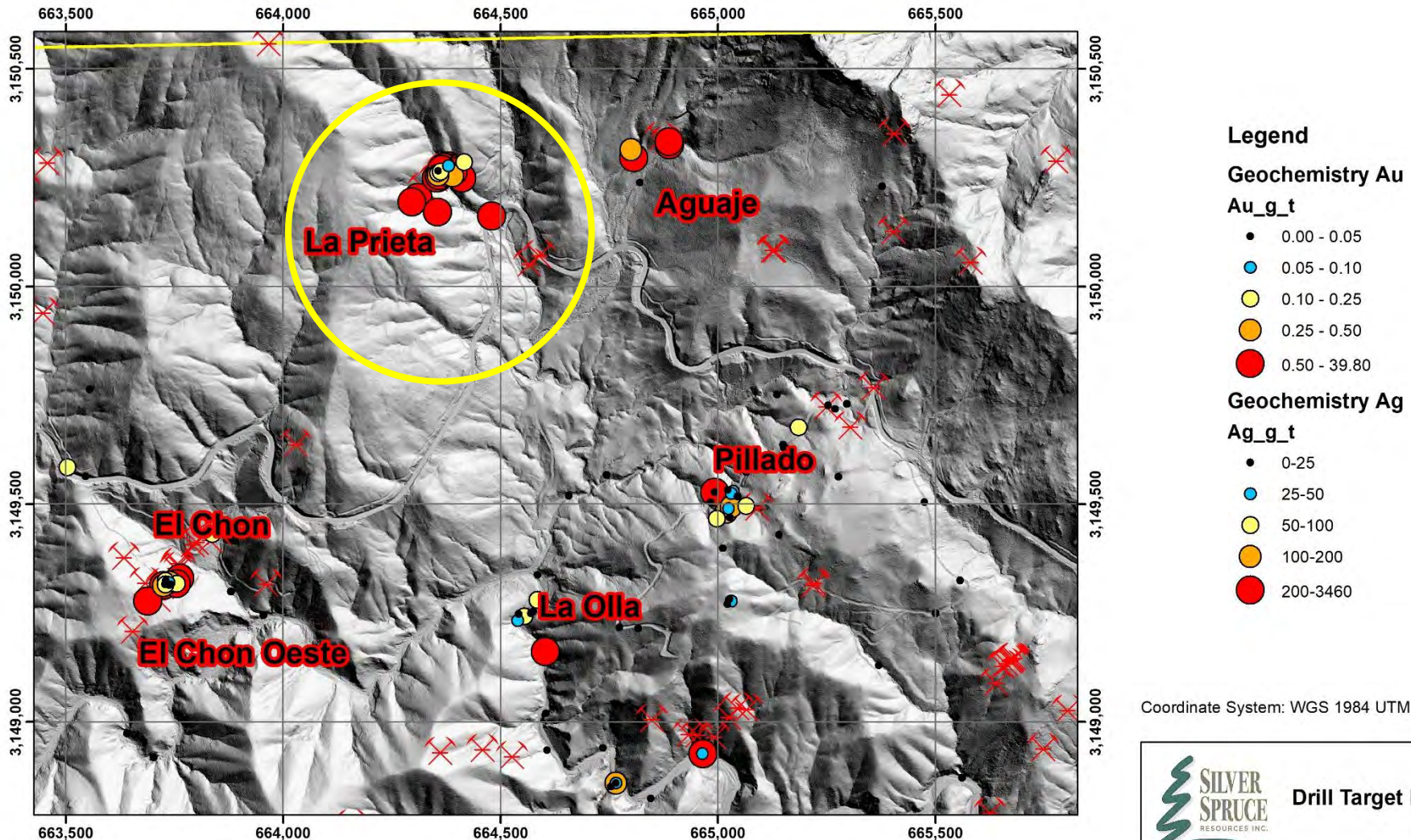


“The TLALI algorithm maps for the LANDSAT 8 OLI and combined LANDSAT 8/ASTER data, respectively, illustrate the spectral response for silicification and argillic alteration, including generic clay, alunite, pyrophyllite, kaolinite and silica, which are in part coincident with known artisanal vein workings e.g., Calton, and disseminated gold targets, such as the Southern Anomaly (Anomalia Sur) both in Diamante 2. New areas with little or no history of exploration also are indicated e.g., ~1 km north of Calton.”



Diamante 1 - Workings and Drill Targets

TSX Venture: SSE



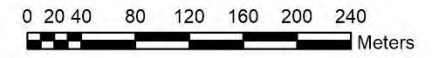
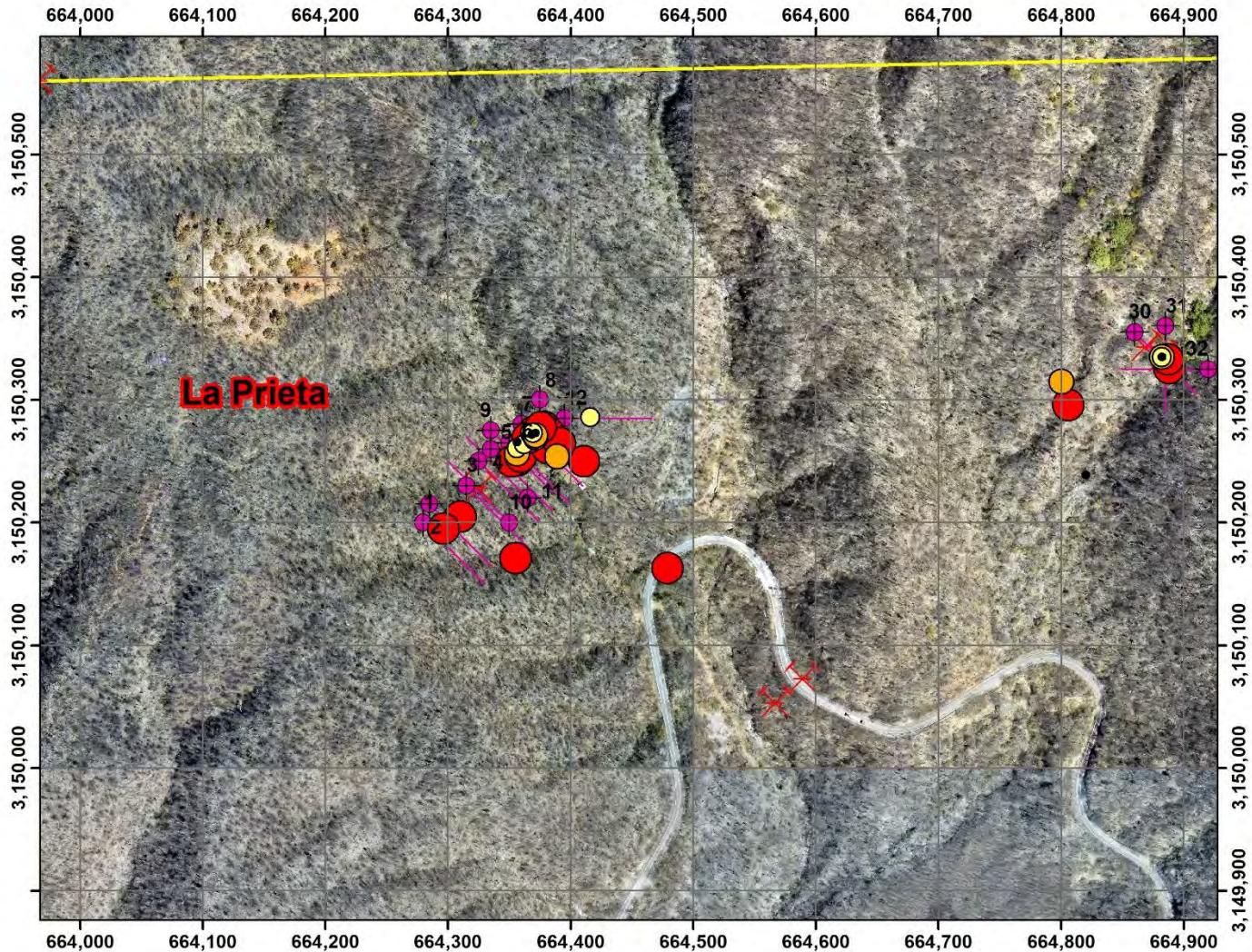
Diamante 1 - La Prieta Artisanal Mining

TSX Venture: SSE



Diamante 1 - Phase 1 Drill Exploration

TSX Venture: SSE



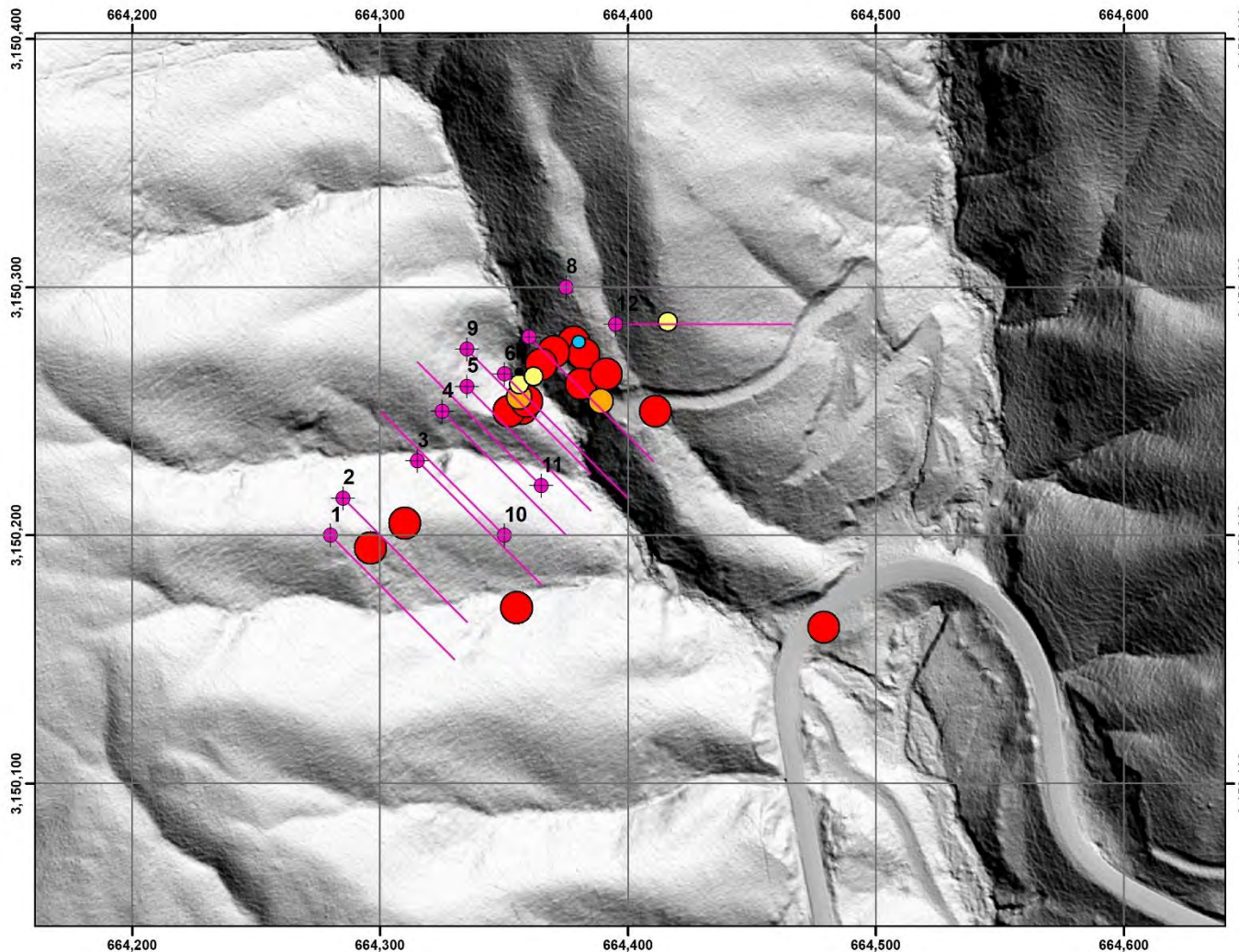
Coordinate System: WGS 1984 UTM Zone 12N

The Silver Spruce Resources Inc. logo, featuring a stylized green tree. To the right of the logo, the text 'Diamante 1 Drill Planning' is written in a bold, black font. Below this text, the date 'May 06, 2022' is written in a smaller font.

May 06, 2022

Diamante 1 - Phase 1 Drill Exploration

TSX Venture: SSE



Legend

- DIA_DDH_Collar
- DIA_DDH_Trace

Diamante_JAN_4_2022

Ag_g_t

- 0-25
- 25-50
- 50-100
- 100-200
- 200-3460

Diamante_JAN_4_2022

Au_g_t

- 0.00 - 0.05
- 0.05 - 0.10
- 0.10 - 0.25
- 0.25 - 0.50
- 0.50 - 39.80

Coordinate System: WGS 1984 UTM Zone 12N

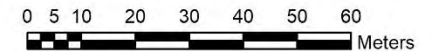
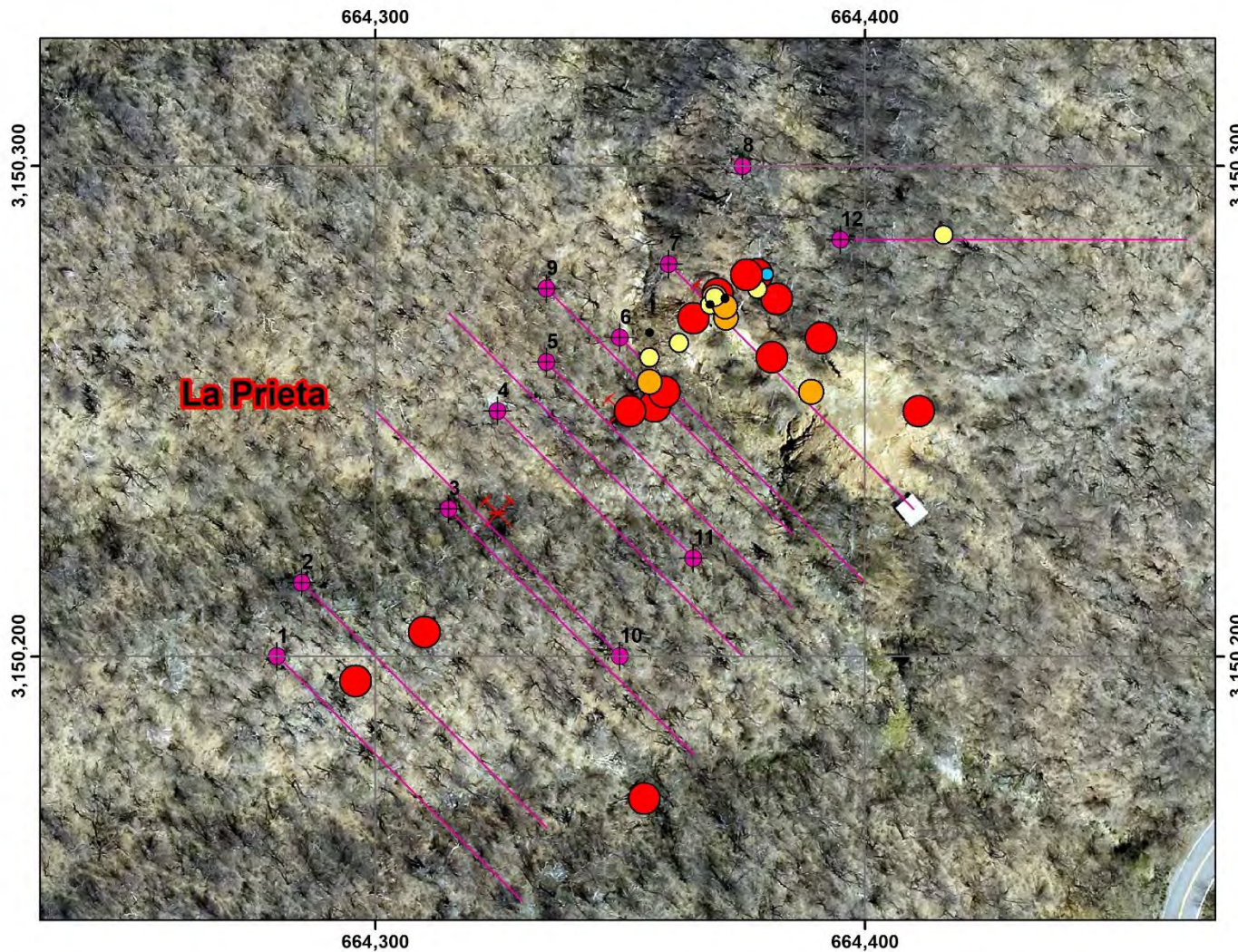


Diamante Project

February 13, 2022

Diamante 1 - Phase 1 Drill Exploration

TSX Venture: SSE



Coordinate System: WGS 1984 UTM Zone 12N

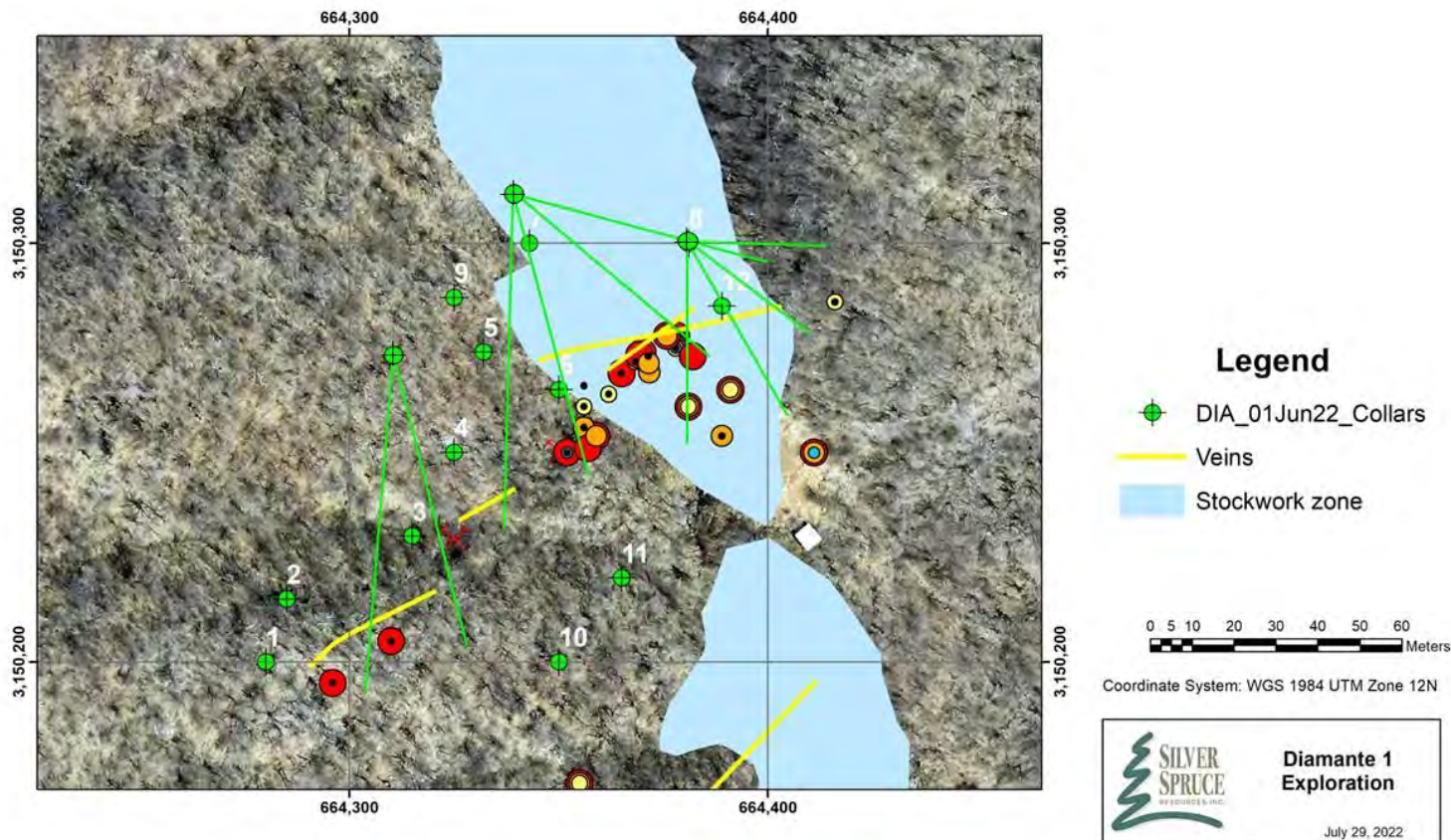


**Diamante 1
Drill Planning**

May 06, 2022

Diamante 1 - Phase 1 Drill Summary - La Prieta

TSX Venture: SSE



Diamante 1 - Phase 1 Drill Results - La Prieta

TSX Venture: SSE

La Prieta Target

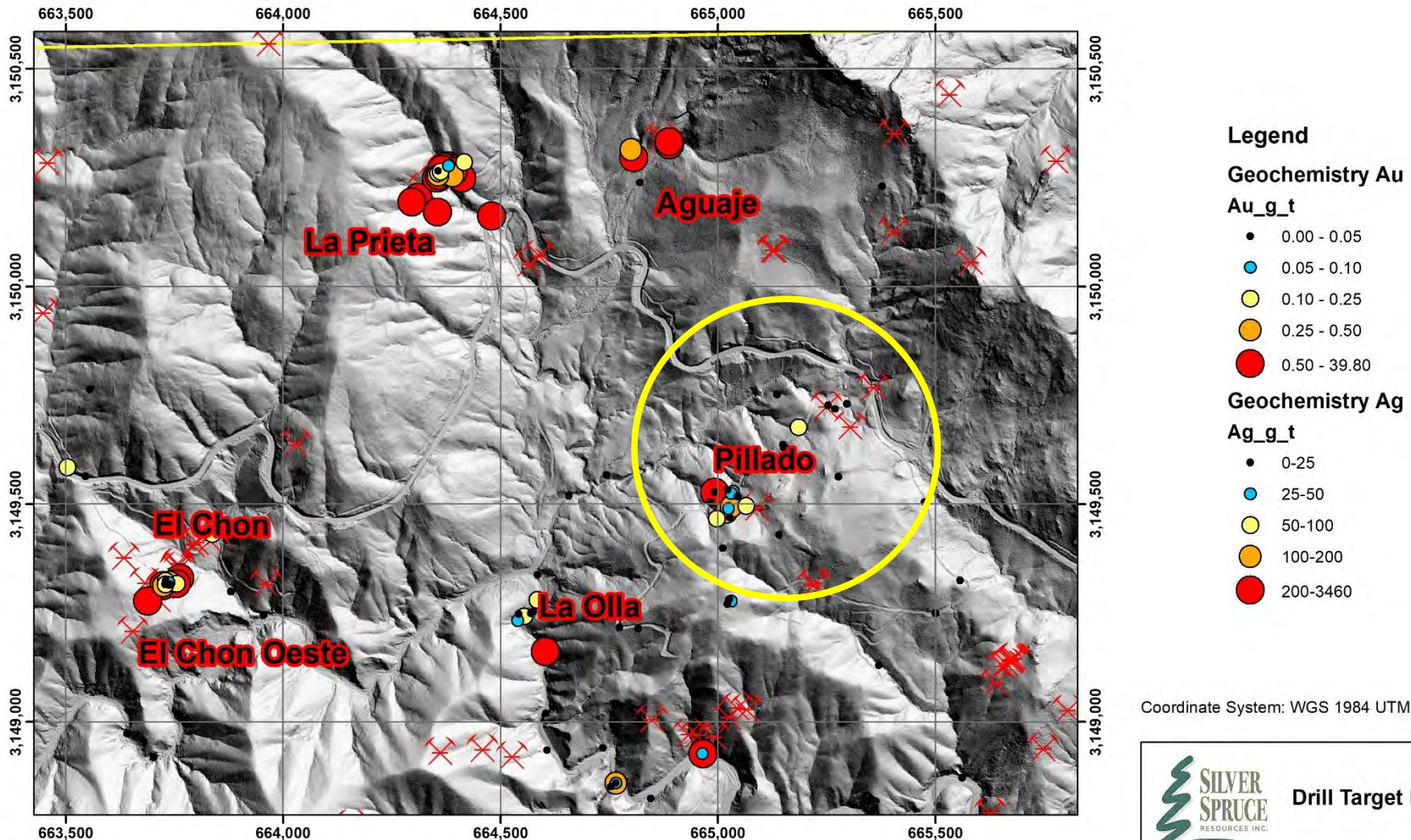
Hole ID	From	To	Length	Au (g/t)	Ag (g/t)	Zn (%)	Pb (%)	Ag Eq (g/t)	Au Eq (g/t)
DIA22-10	48	54	6	0.46	56.88	1.06	0.53	165.47	1.86
includes	49.5	51	1.5	0.87	125	2.82	1.45	383.75	4.31
DIA22-11	54	55.5	1.5	0.15	4.5	0.16	0.09	28.25	0.32
DIA22-12	51	52.5	1.5	0.18	4.8	0.22	0.08	33.71	0.38
DIA22-13	49.5	51	1.5	0.31	53.7	1.49	0.39	165.09	1.85
DIA22-14	52.5	55.5	3	0.59	16.5	0.46	0.23	98.14	1.1
DIA22-15	36	37.5	1.5	0.54	0.25	0.01	0	48.7	0.55
DIA22-16	1.5	10.5	9	2.48	56.7	0.28	0.71	312.84	3.51
includes	1.5	6	4.5	3.87	75.43	0.08	0.97	453.26	5.09
DIA22-16	18	19.5	1.5	0.83	18.8	0.68	0.38	136.9	1.54
DIA22-16	36	46.5	10.5	0.63	38.49	1.61	0.64	192.52	2.16
includes	37.5	39	1.5	1.36	139	8.74	2.88	772.12	8.67
DIA22-17	30	43.5	13.5	0.56	38.48	1.76	0.76	196.95	2.21
includes	30	34.5	4.5	0.94	103.17	4.96	2.19	494.61	5.56
DIA22-17	54	57	3	0.45	1.35	0.04	0	43.14	0.48
DIA22-17	72	75	3	0.26	18.65	0.15	0.07	51.5	0.58
DIA22-18	33	42	9	0.55	15.28	0.38	0.16	87.76	0.99
includes	37.5	40.5	3	1.07	38.8	0.63	0.35	175.81	1.98
DIA22-18	48	51	3	0.48	11.35	0.08	0.03	59.14	0.66
DIA22-19	10.5	13.5	3	1.36	86.8	1.69	0.91	317.91	3.57
includes	12	13.5	1.5	2.11	139	2.79	1.24	500.06	5.62
DIA22-19	39	45	6	0.64	11.2	0.31	0.21	89.84	1.01
DIA22-19	48	49.5	1.5	0.32	7.6	0.24	0.16	52.76	0.59

*Au and Ag equivalents were calculated using metal prices of US\$1660 per ounce Au, US\$18.65 per ounce Ag, US\$1.32 per pound Zn, and US\$0.83 per pound Pb; Lengths are intersection length. True widths are not known.



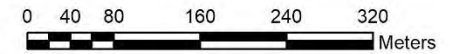
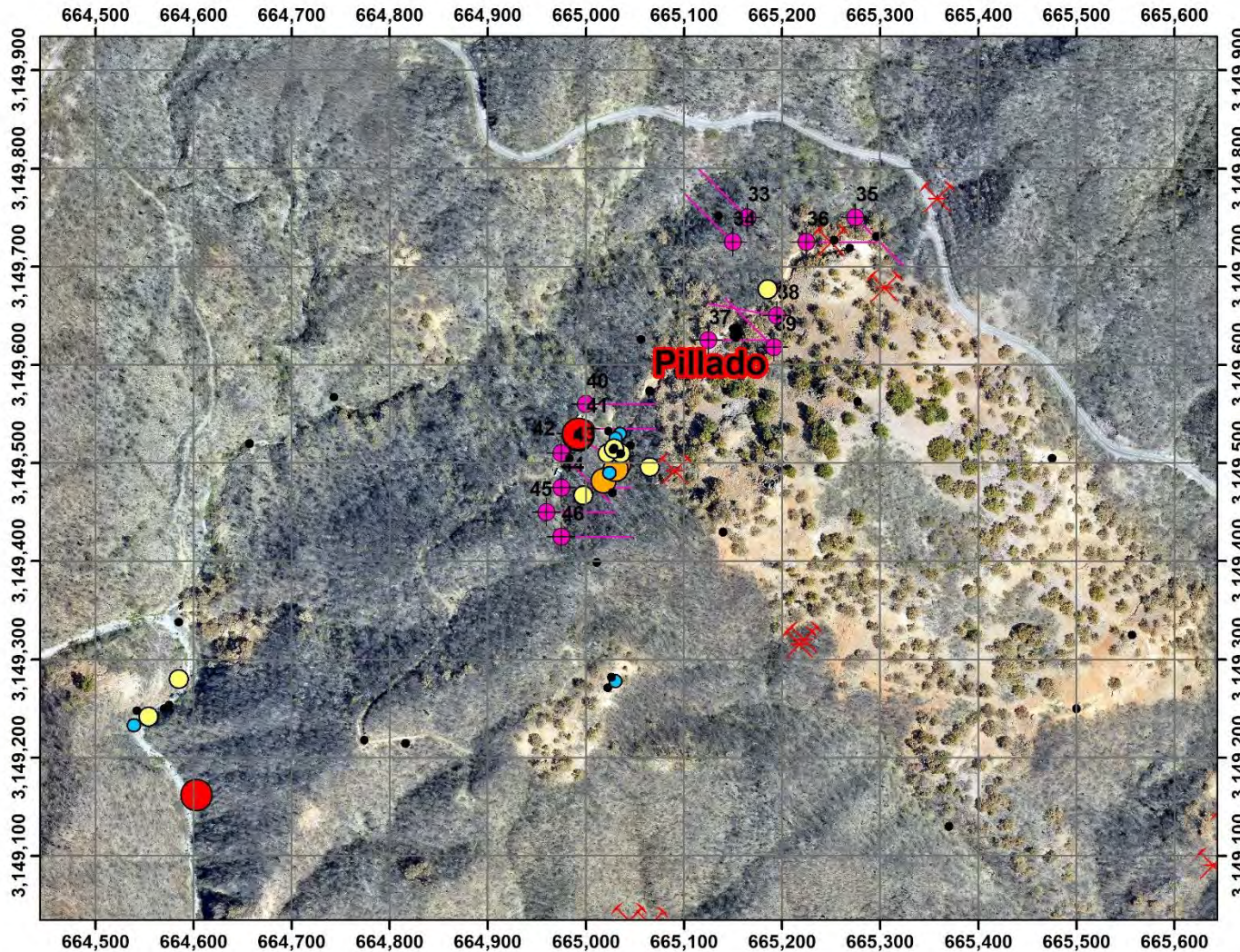
Diamante 1 - Workings and Drill Targets

TSX Venture: SSE



Diamante 1 - Phase 1 Drill Exploration

TSX Venture: SSE



Coordinate System: WGS 1984 UTM Zone 12N

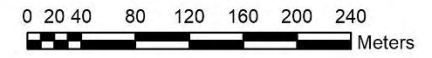
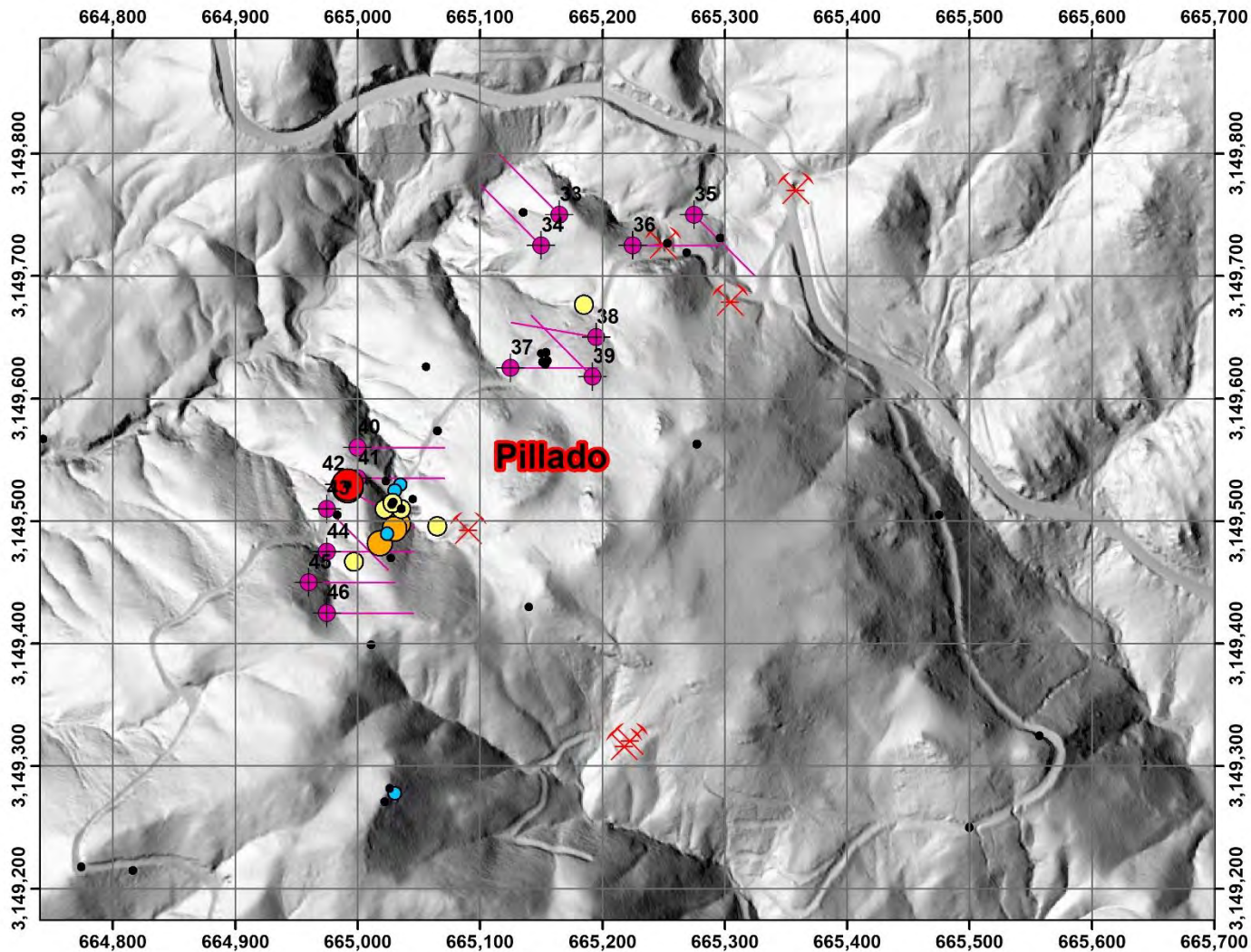


**Diamante 1
Drill Planning**

May 06, 2022

Diamante 1 - Phase 1 Drill Exploration

TSX Venture: SSE



Coordinate System: WGS 1984 UTM Zone 12N



**Diamante 1
Drill Planning**

May 06, 2022

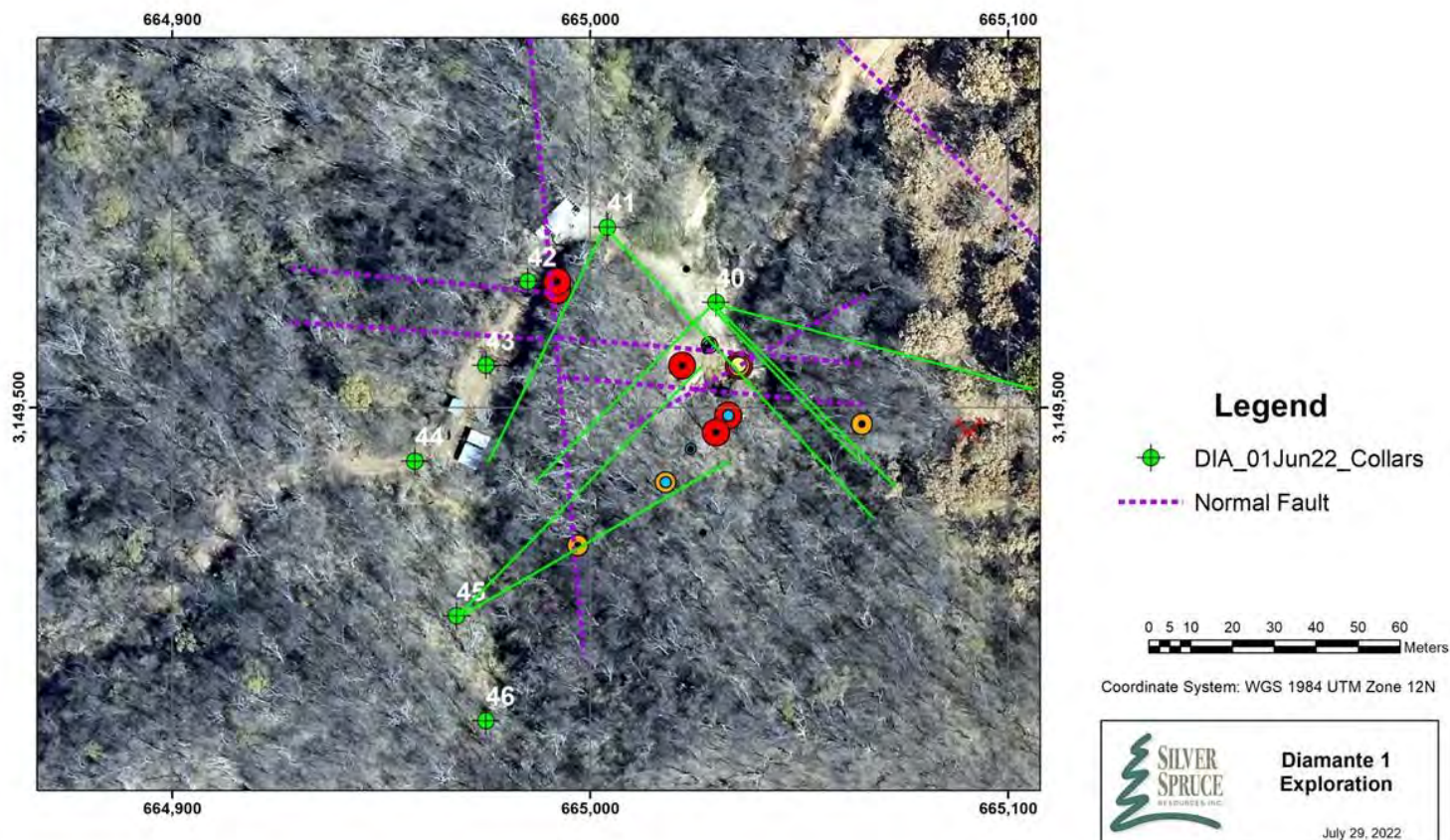
Diamante 1 - Pillado Artisanal Mining

TSX Venture: SSE



Diamante 1 - Phase 1 Drill Summary - El Pillado

TSX Venture: SSE



Diamante 1 - Phase 1 Drill Results - El Pillado

TSX Venture: SSE

El Pillado Target

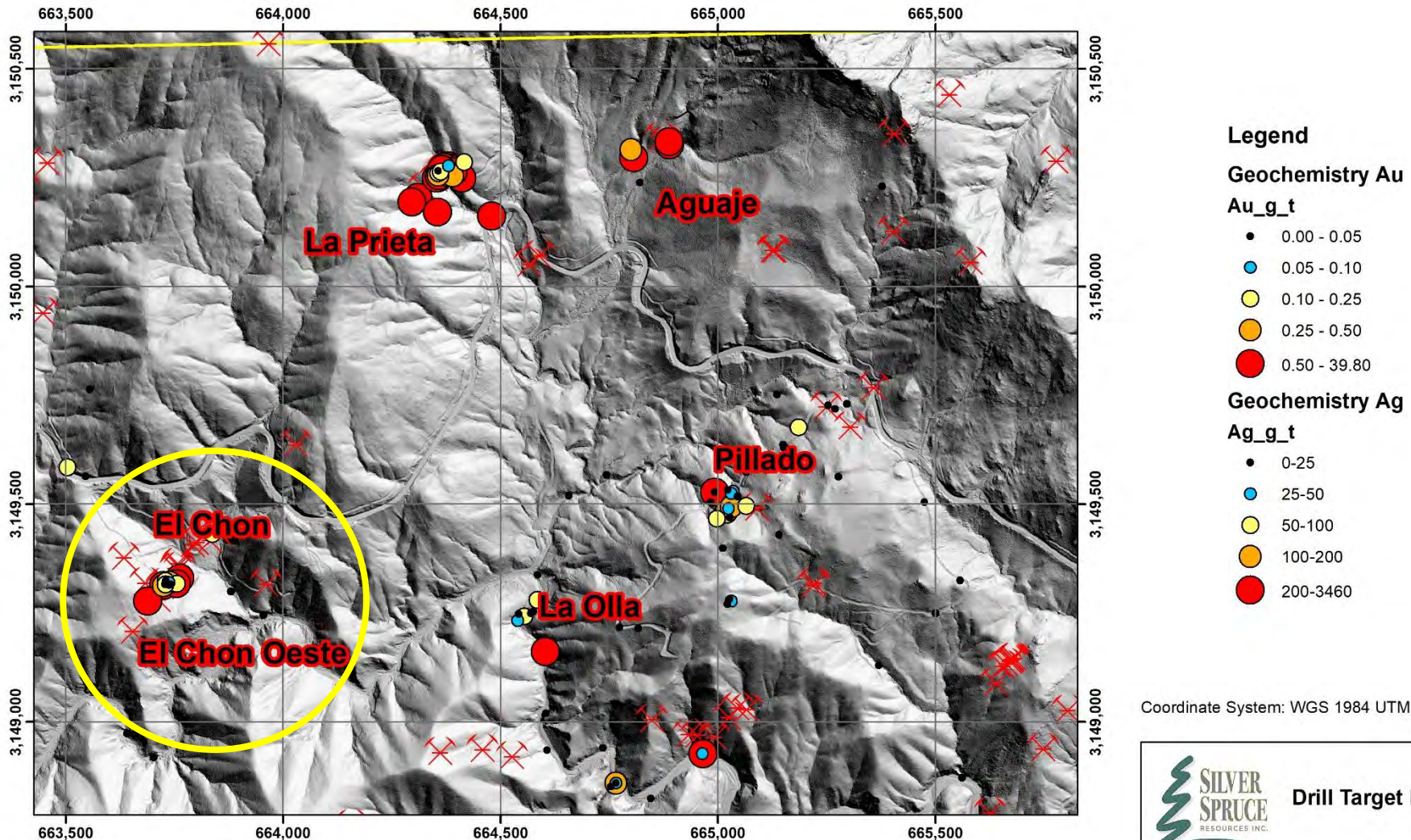
Hole ID	From	To	Length	Au (g/t)	Ag (g/t)	Zn (%)	Pb (%)	Ag Eq (g/t)	Au Eq (g/t)
DIA22-01	27	37.5	10.5	0.04	9.87	0.37	0.12	35.46	0.4
DIA22-01	54	55.5	1.5	0.06	7	1.06	0.19	69.25	0.78
DIA22-01	72	73.5	1.5	0.03	13.5	1.52	0.66	110.35	1.24
DIA22-02	22.5	24	1.5	0.04	4.2	0.48	0.03	31.85	0.36
DIA22-02	43.5	54	10.5	0.04	6.27	0.78	0.12	51.71	0.58
includes	48	49.5	1.5	0.09	13.2	3.89	0.04	210.87	2.37
DIA22-02	64.5	66	1.5	0.03	3.6	0.83	0.04	47.84	0.54
DIA22-02	84	85.5	1.5	0.13	15.2	0.66	0.98	88.13	0.99
DIA22-02	84	85.5	1.5	0.13	15.2	0.66	0.98	88.13	0.99
DIA22-03	16.5	18	1.5	0.2	6.6	0.06	0.01	27.13	0.3
DIA22-04	0	1.5	1.5	0.03	6	0.75	0.14	49.54	0.56
DIA22-05	24	36	12	0.18	145.49	1.35	1.01	257.63	2.89
includes	24	30	6	0.26	184.5	1.08	0.61	278.51	3.13
includes	33	36	3	0.16	209.1	3.15	2.79	461.65	5.19
includes	33	34.5	1.5	0.31	397	5.87	5.31	871.62	9.79
DIA22-05	43.5	60	16.5	0.21	41.75	2.14	0.68	185.13	2.08
includes	45	51	6	0.15	87.64	4.58	1.45	367.54	4.13
includes	46.5	48	1.5	0.21	257	7.84	5.23	815.53	9.16
DIA22-05	78	81	3	0.17	26.6	4.19	1.05	276.87	3.11
includes	78	79.5	1.5	0.27	35.8	6.91	1.6	443.58	4.98
DIA22-05	99	100.5	1.5	0.25	1.9	0.08	0.04	29.35	0.33
DIA22-05	118.5	120	1.5	0.04	12.2	0.43	0.34	46.96	0.53
DIA22-06	6	10.5	4.5	0.06	28.73	0.24	0.52	61.39	0.69
includes	6	7.5	1.5	0.07	60.4	0.2	1.21	113.45	1.27
DIA22-08	130.5	132	1.5	0.93	2.2	0.03	0.02	87.2	0.98
DIA22-09	117	120	3	0.11	19.85	0.5	0.09	56.85	0.64

*Au and Ag equivalents were calculated using metal prices of US\$1660 per ounce Au, US\$18.65 per ounce Ag, US\$1.32 per pound Zn, and US\$0.83 per pound Pb; Lengths are intersection length. True widths are not known.



Diamante 1 - Workings and Drill Targets

TSX Venture: SSE



Coordinate System: WGS 1984 UTM Zone 12N

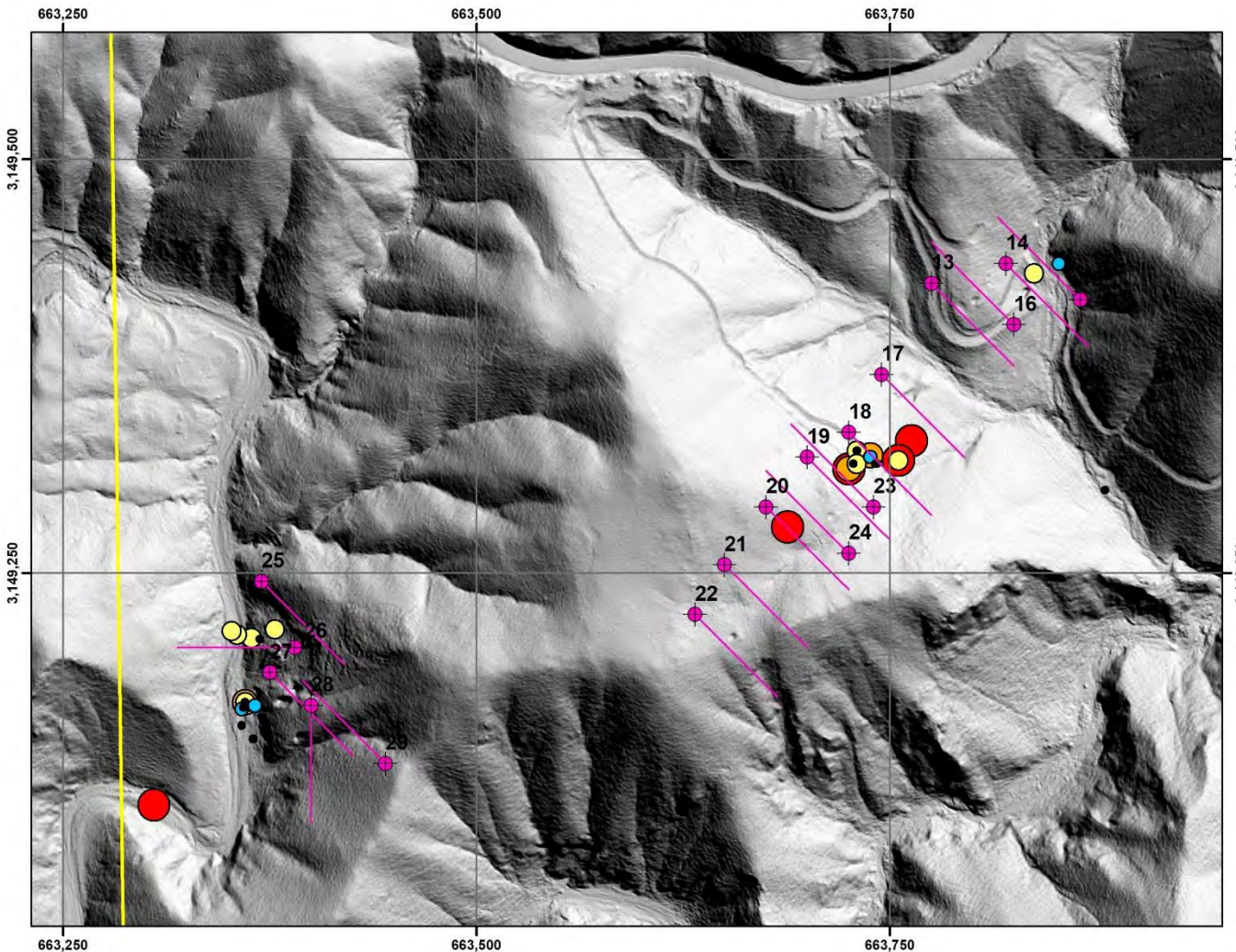


Drill Target Map

February 23, 2022

Diamante 1 - Phase 1 Drill Exploration

TSX Venture: SSE



Legend

- DIA_DDH_Collar
- DIA_DDH_Trace

Diamante_JAN_4_2022

Ag_g_t

- 0-25
- 25-50
- 50-100
- 100-200
- 200-3460

Diamante_JAN_4_2022

Au_g_t

- 0.00 - 0.05
- 0.05 - 0.10
- 0.10 - 0.25
- 0.25 - 0.50
- 0.50 - 39.80

Coordinate System: WGS 1984 UTM Zone 12N



Diamante Project

February 13, 2022

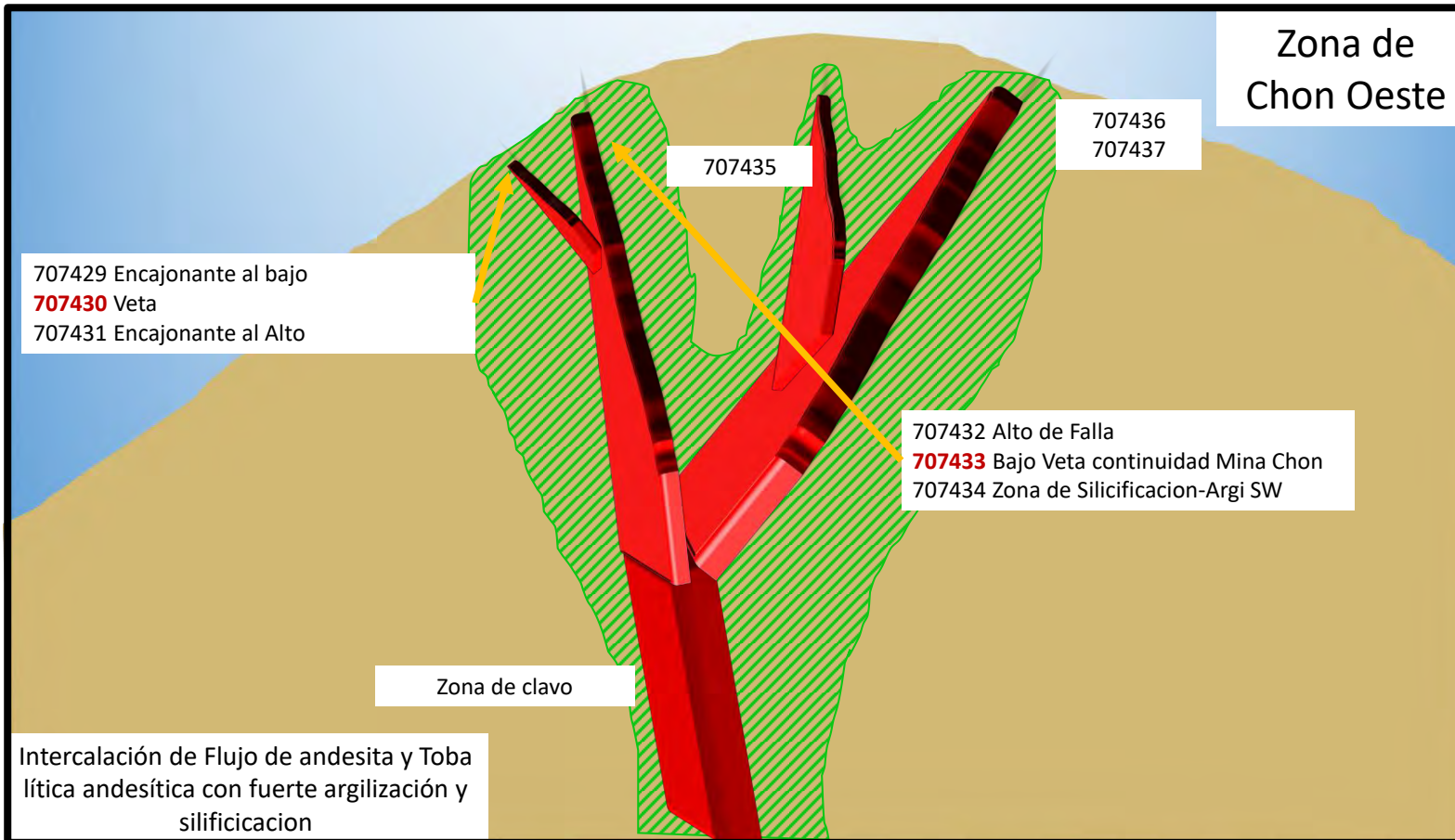
Diamante 1 - El Chon Sampling, Artisanal Mining

TSX Venture: SSE



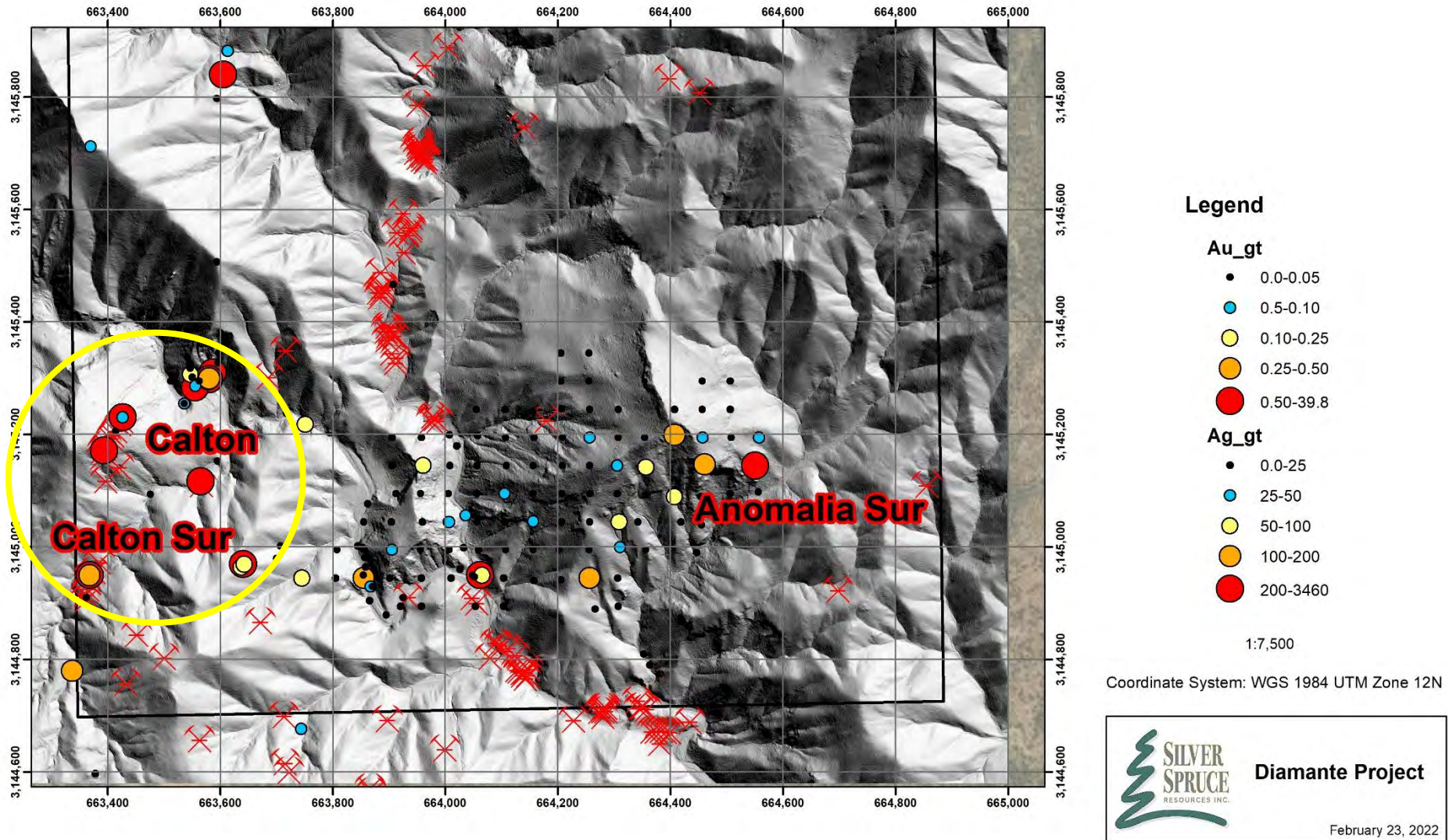
Diamante 1 - El Chon Schematic Section

TSX Venture: SSE



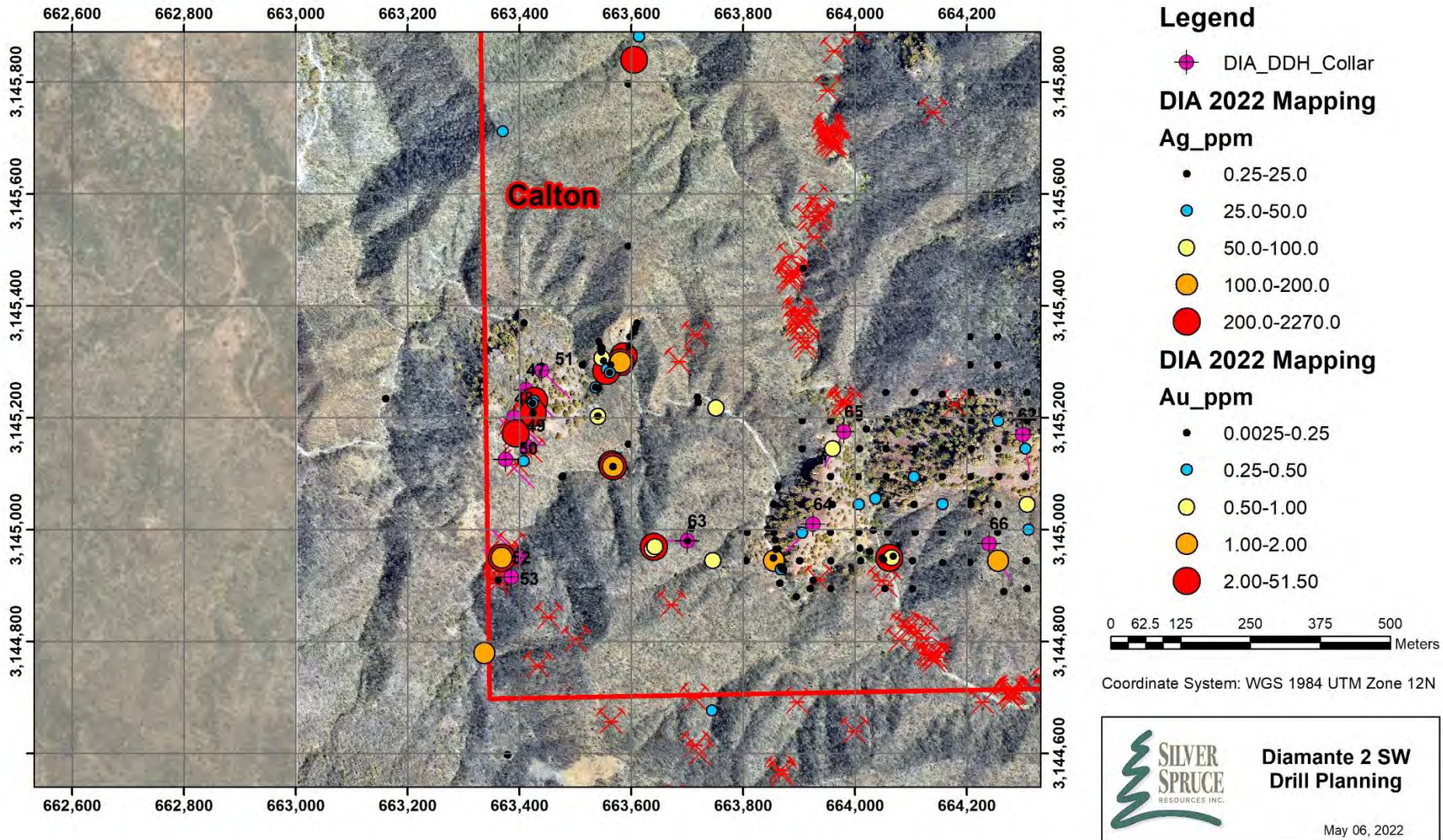
Diamante 2 - Workings and Drill Targets

TSX Venture: SSE



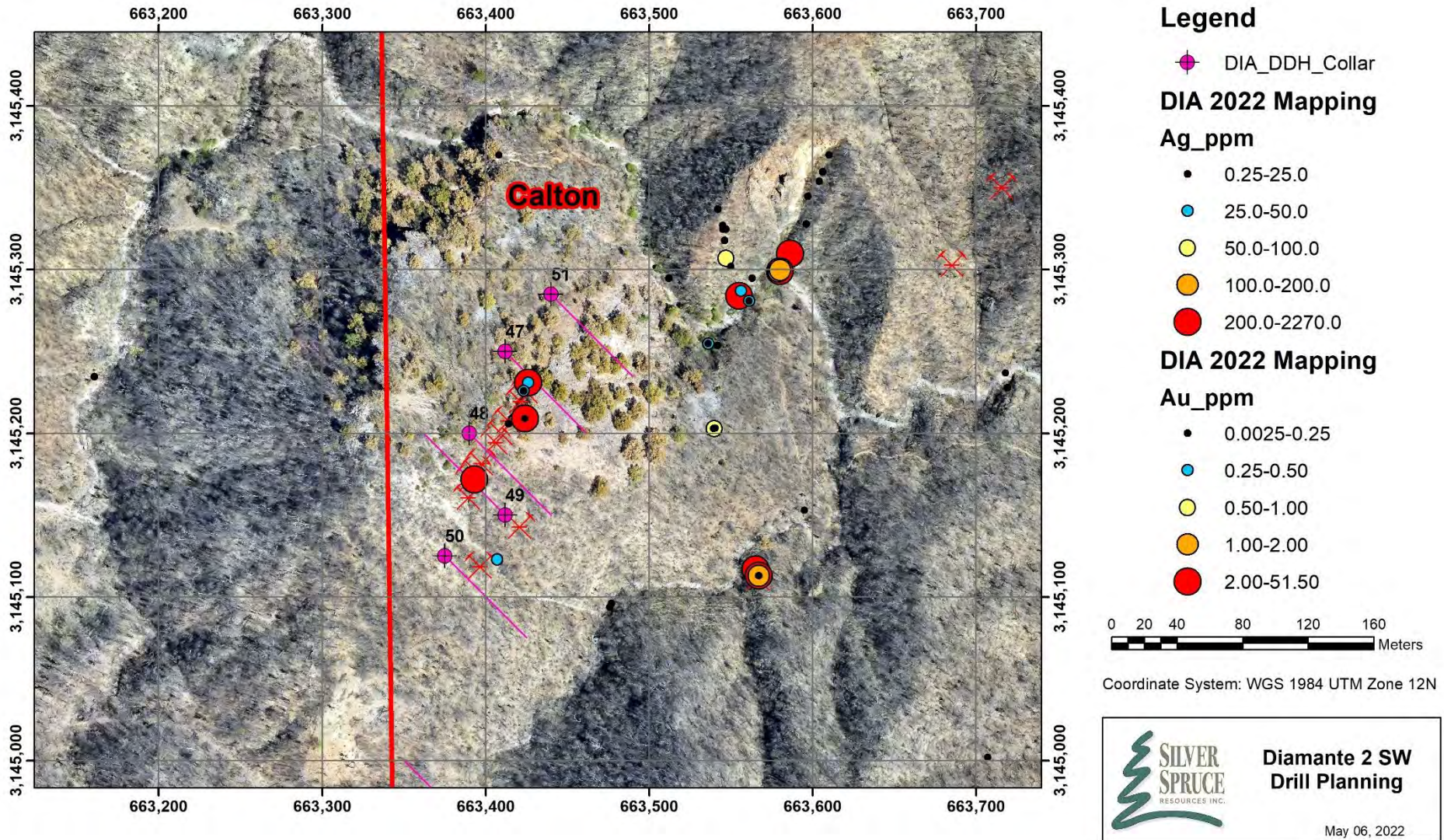
Diamante 2 - Phase 1 Drill Exploration

TSX Venture: SSE



Diamante 2 - Phase 1 Drill Exploration

TSX Venture: SSE



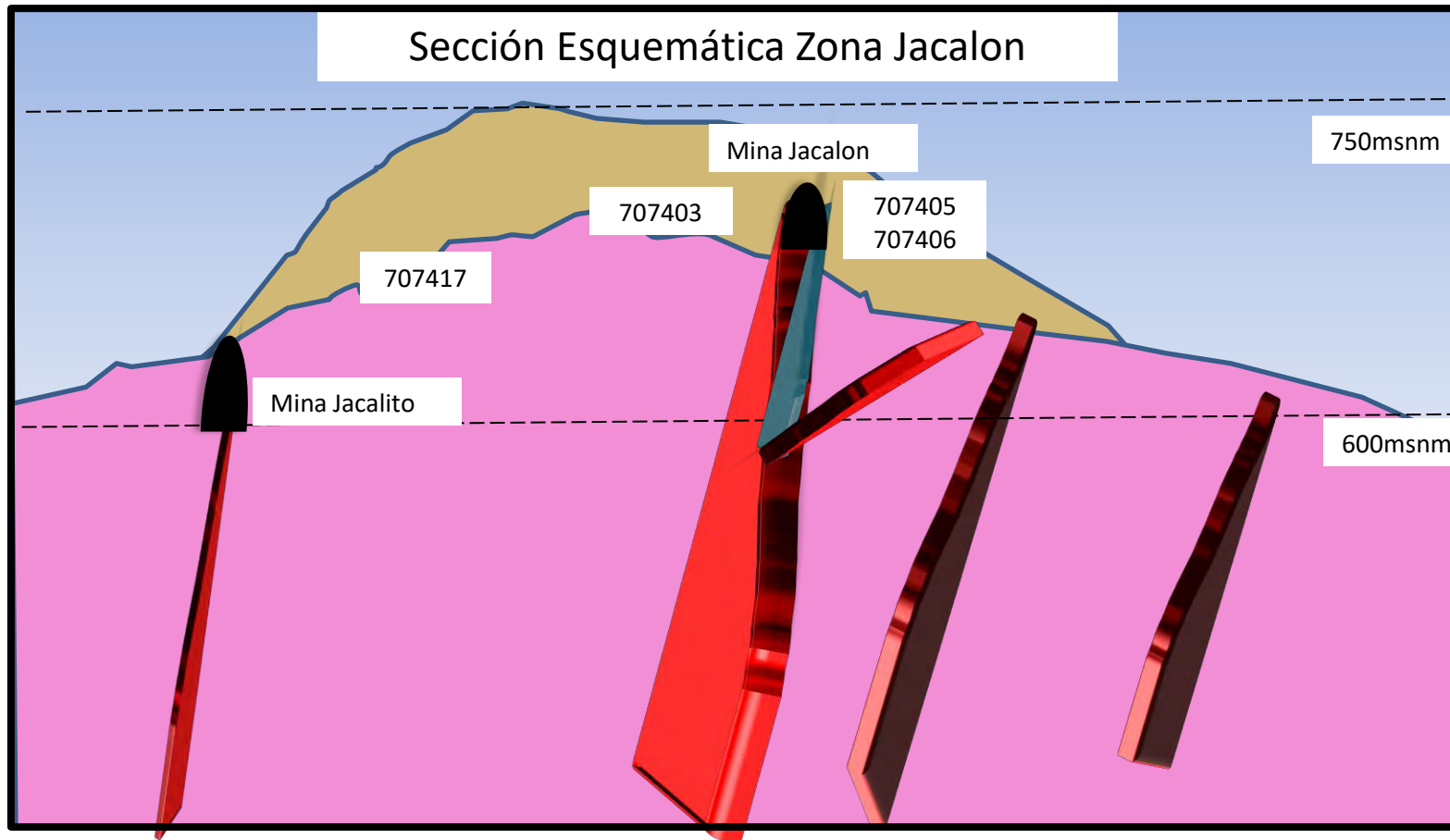
Diamante 2 - Calton Artisanal Trenching

TSX Venture: SSE



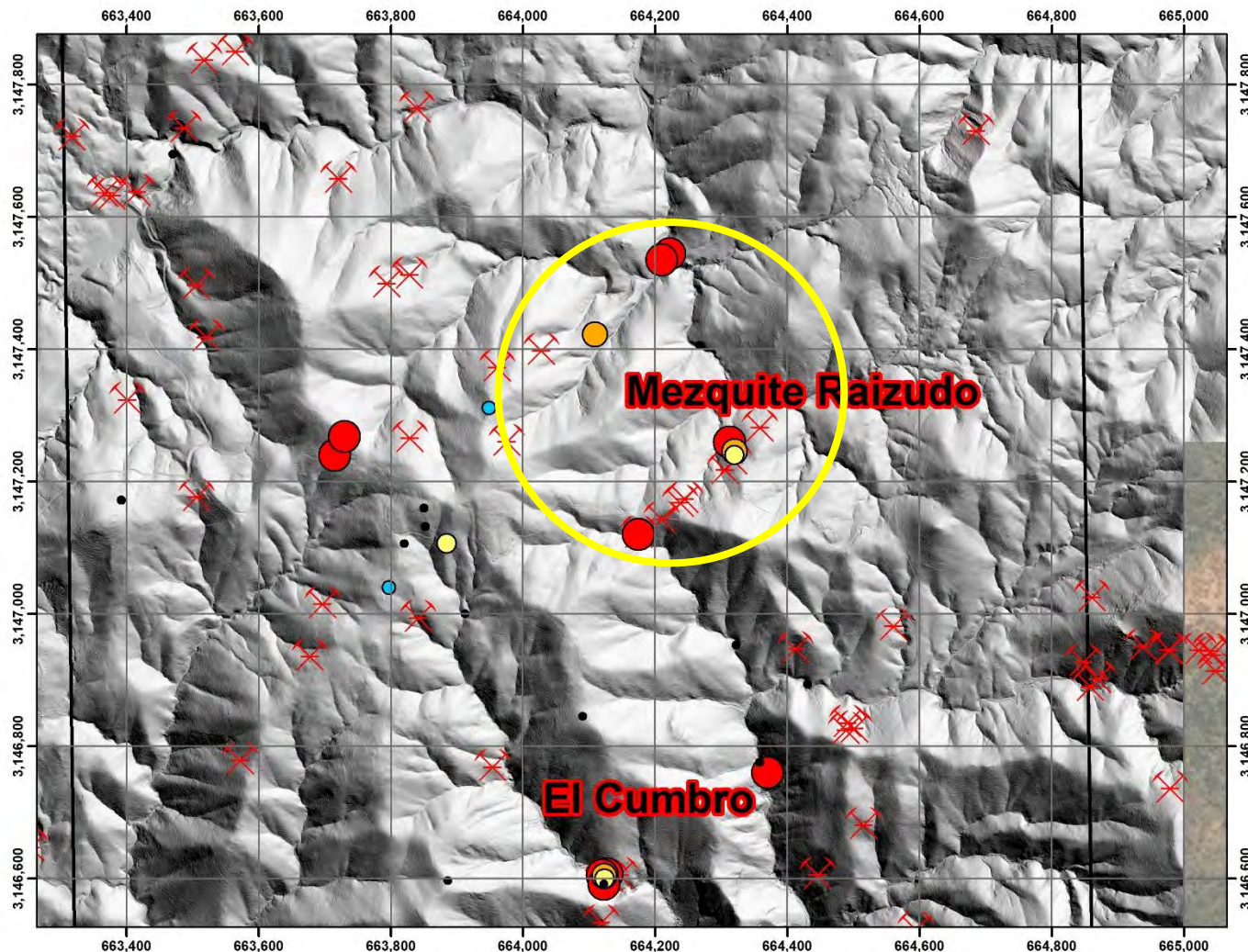
Diamante 2 - Phase 1 Drill Exploration

TSX Venture: SSE



Diamante 2 - Workings and Drill Targets

TSX Venture: SSE



Legend

Au_{gt}

- 0.0-0.05
- 0.5-0.10
- 0.10-0.25
- 0.25-0.50
- 0.50-39.8

Ag_{gt}

- 0.0-25
- 25-50
- 50-100
- 100-200
- 200-3460

1:7,500

Coordinate System: WGS 1984 UTM Zone 12N

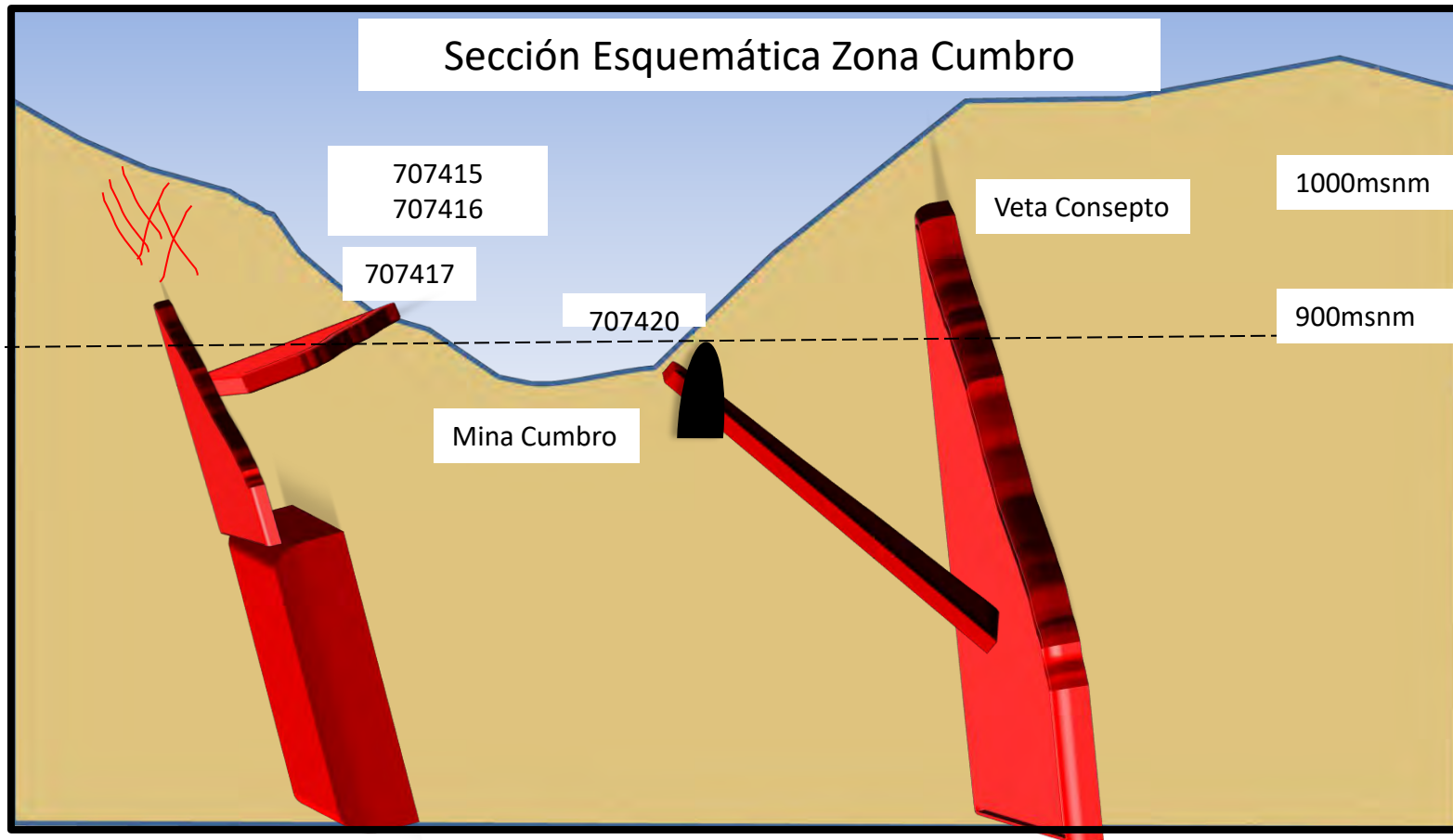


Diamante Project

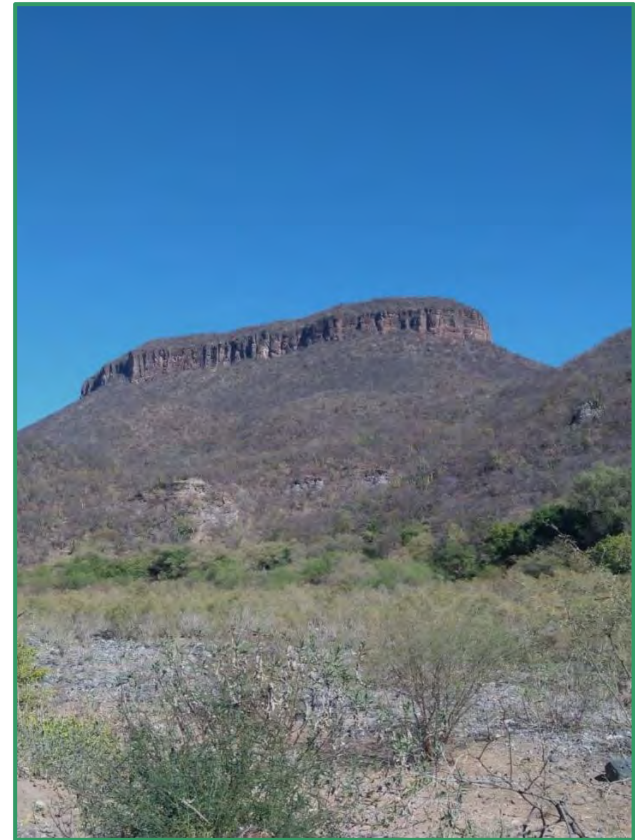
February 23, 2022

Diamante 2 - Phase 1 Drill Exploration

TSX Venture: SSE



Jackie Au-Ag Project, Sonora, Mexico



Jackie - The Property

TSX Venture: SSE

- ✓ 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
- ✓ **Phase 1 and 2 expenditures completed**
- ✓ **Final cash and share payment completed Nov 21**
- ✓ **Phase 1 trenching planned for Q2 2022**



Jackie - Exploration and Plans

TSX Venture: SSE

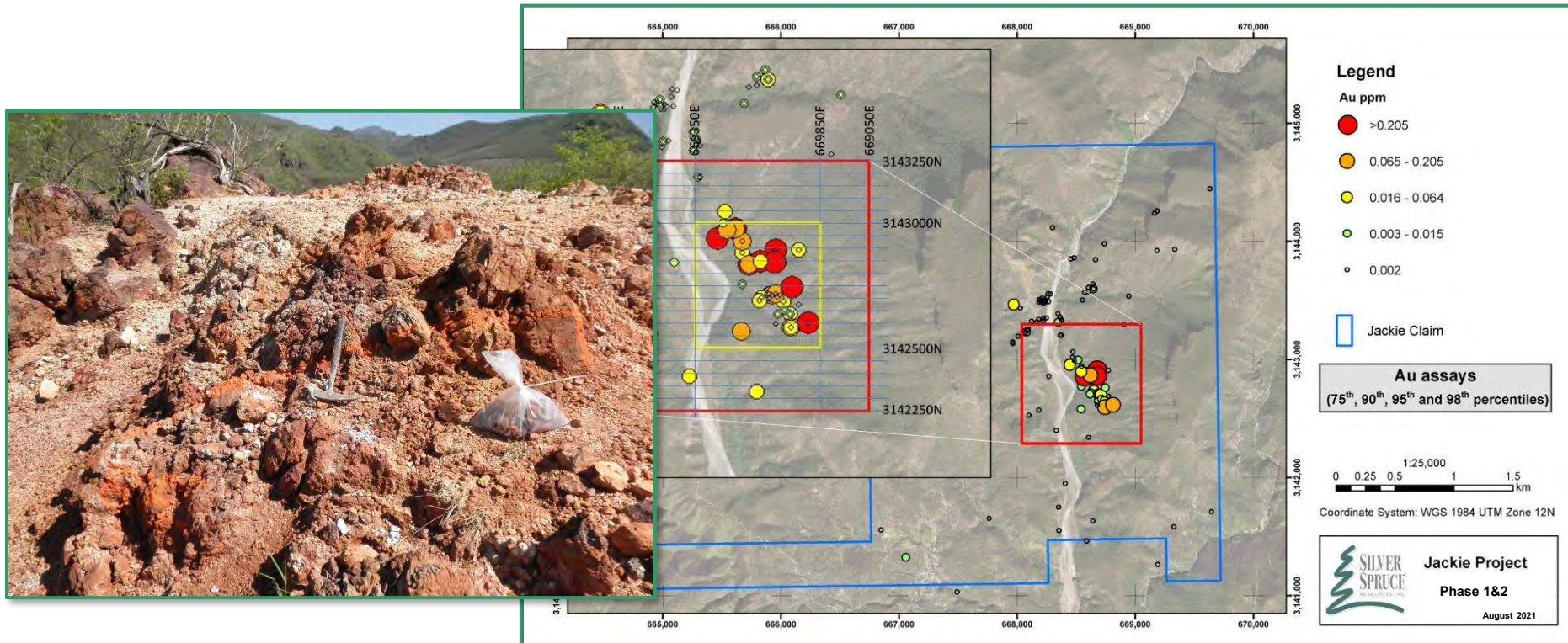
- ✓ Recent Au, multi-element and hyperspectral analysis of 310 rock samples in Phase 1 and 2 programs
- ✓ Phase 1 prospecting identifies new Au-Ag target **up to 9.56 g/t Au and 515 g/t Ag**
- ✓ Phase 2 mapping extends mineralization to 200m x 400m area with open NW trend, samples to **4.15 g/t Au and 100 g/t Ag**
- ✓ Regional hyperspectral ASTER and Landsat 8 OLI interpretation
- ✓ LiDAR survey completed to provide high resolution topography and imagery
- ✓ **Design plans for trenching Q1 2022**
- ✓ **Design plans for 2,000m Phase 1 drilling on principal targets Q2/3 2022**
- ✓ **Environmental report completed, received trench and drill permits in Q1 2022**
- ✓ **Trenching to start in Q2 2022**



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

Jackie - Exploration Quote

TSX Venture: SSE

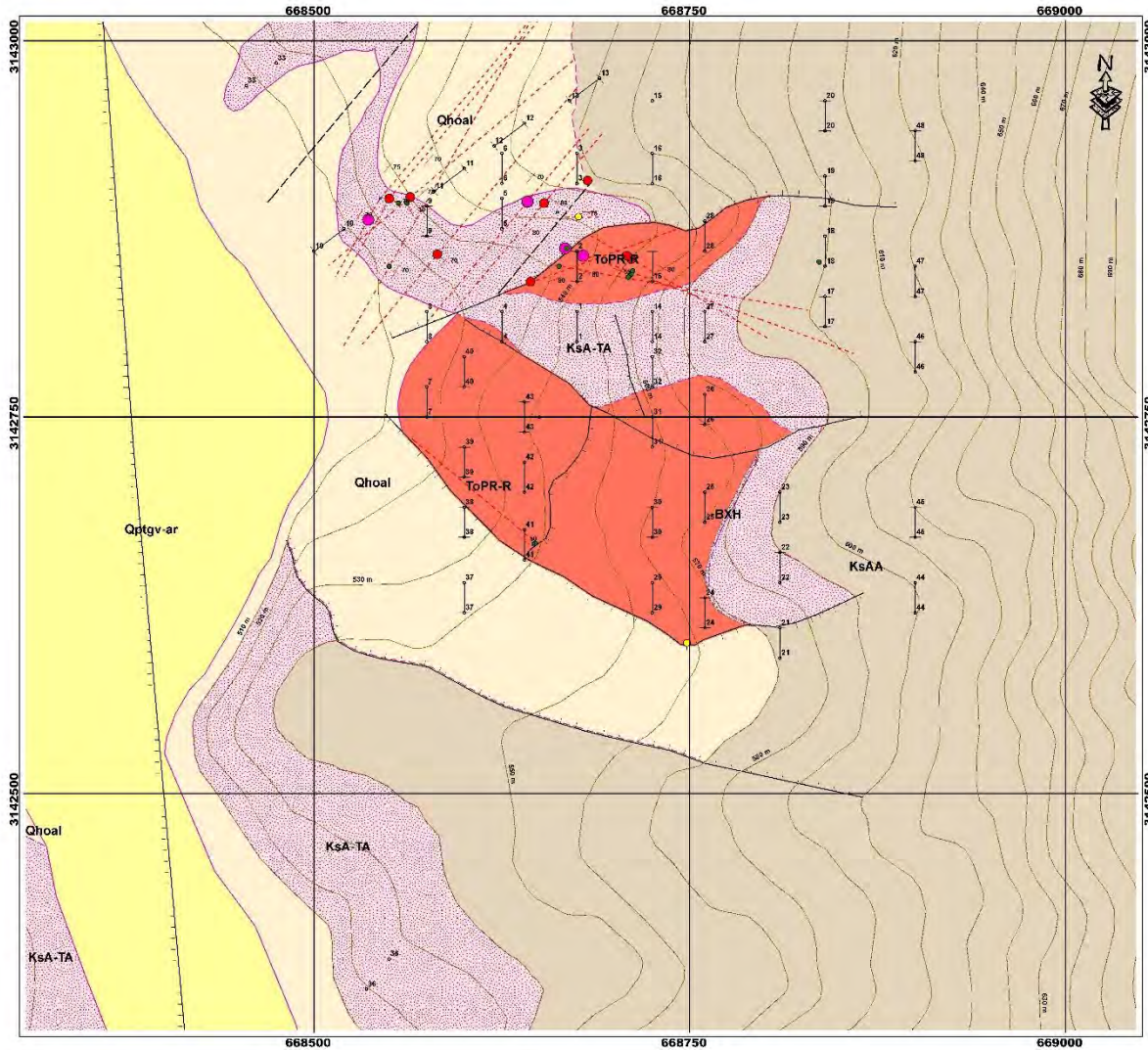


“We are excited about the potential for Jackie given the positive results and an original discovery with our early exploration campaigns. The intense silicate and oxide alteration with high-grade precious metal values ranging up to 9.65 g/t Au and 515 g/t Ag in Phase 1, and up to 4.15 g/t Au and 100 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 and Phase 1 drilling.”



Jackie - Geological Mapping

TSX Venture: SSE



Geological mapping and sample values for the Jackie gold & silver project. Trenches proposed by Silver Spruce

LEGEND

Rock Units

Rock Type

- ALUVION
- GRAVA - ARENA
- BRECCIA
- PRIOLOTICO - RIOLITA
- AGLOMERADO ANDESITICO
- ANDESITA-TOBA ANDESITICA

SIMBOLOGY

Samples Values

AuEq_ppm

- <100
- 0.100 - 0.250
- 0.250 - 0.500
- 0.500 - 1.000
- >1.000

- Inferred mineralized zone
- Veins
- Vein Trend
- Elevation
- Final Trenches
- Faults
- Inferred Lithological contact
- Lithological contact

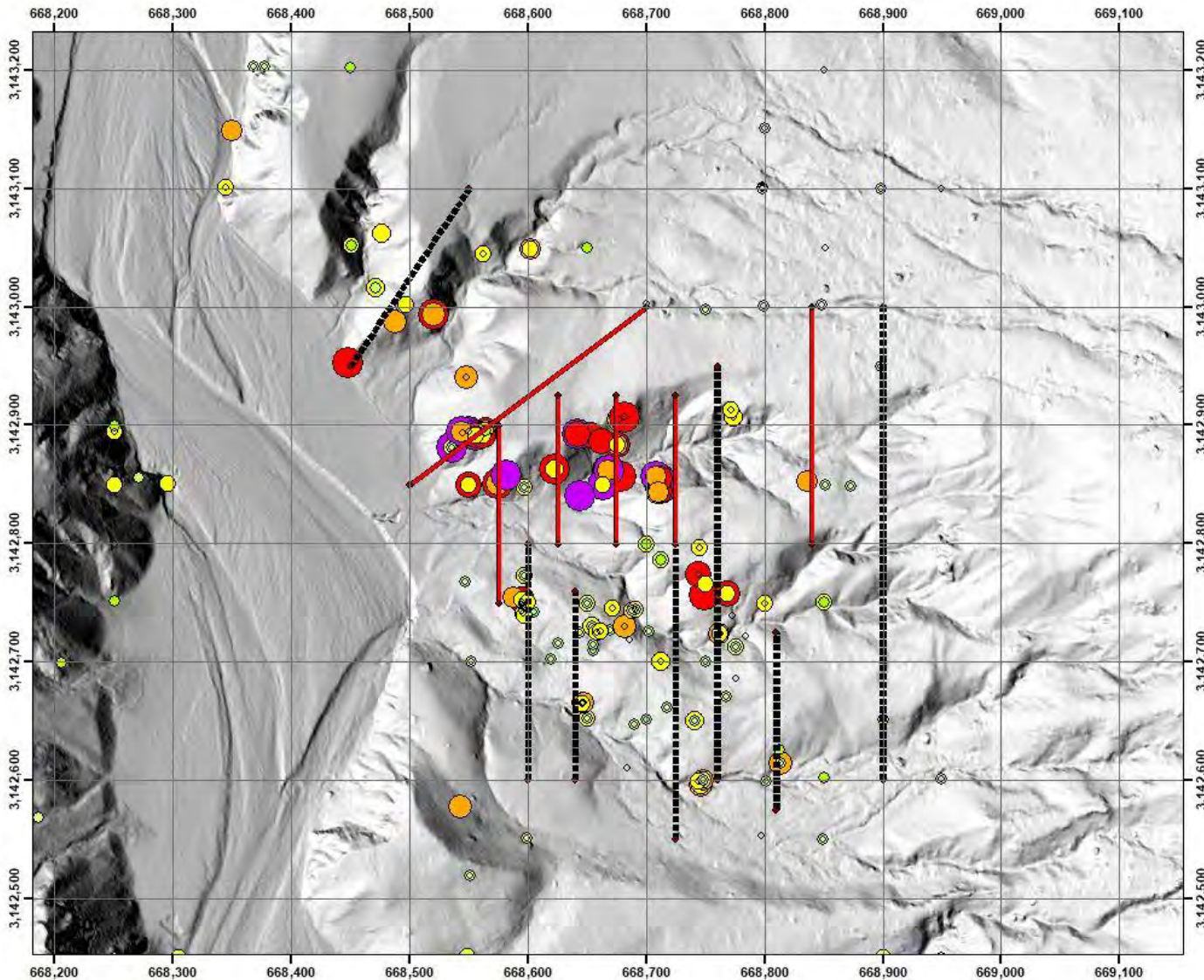
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 Projection: Transverse Mercator
 Datum: WGS 1984
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 False Northing: 0.0000
 Central Meridian: -111.0000
 Scale Factor: 0.9996
 Latitude Of Origin: 0.0000
 Units: Meter
 Author: Ing. Miguel Corrales

0 30 60 120 Meters
1:1,200



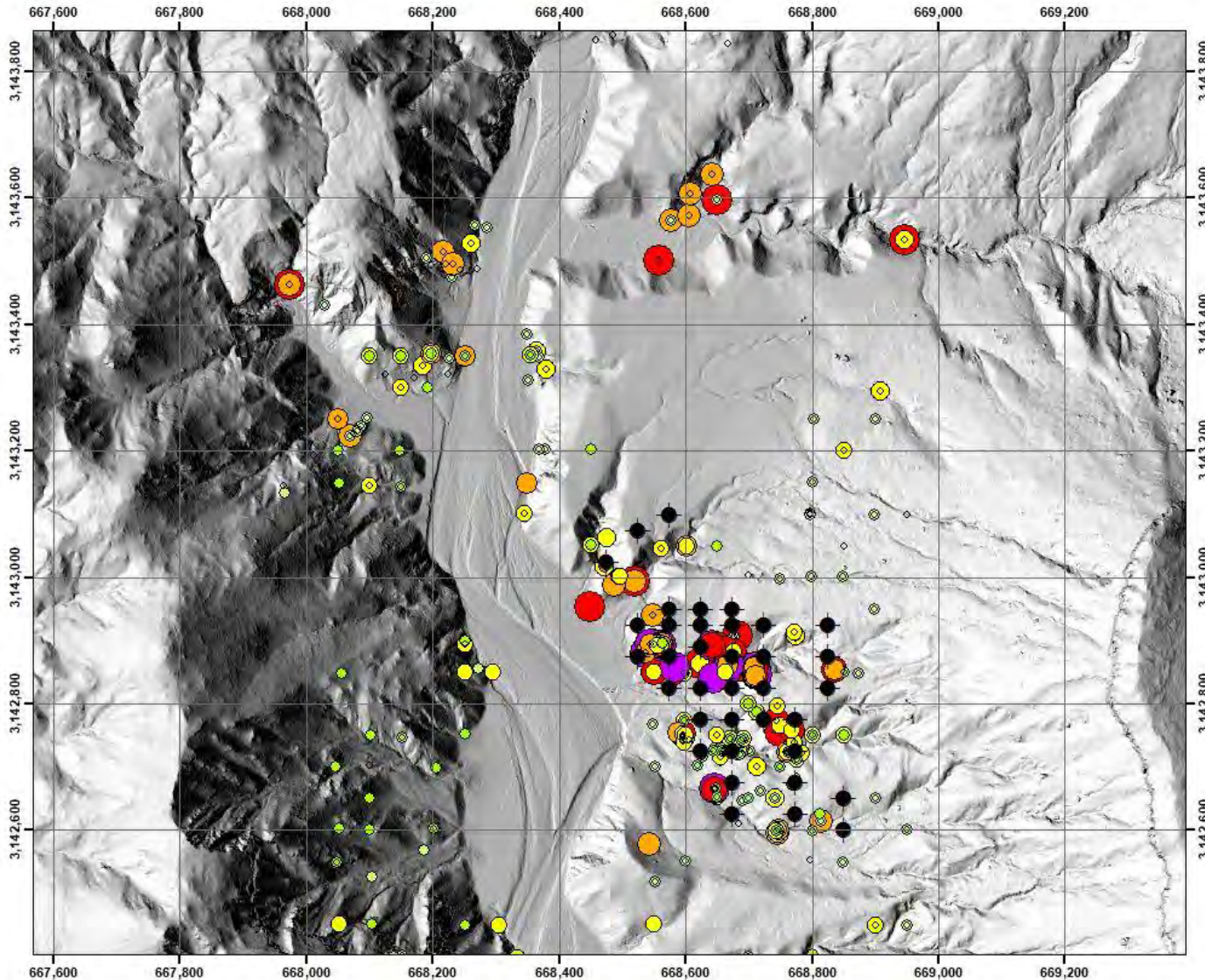
Jackie - Sampling, Proposed Phase 1 Trenching

TSX Venture: SSE



Jackie - Sampling, Proposed Phase 1 Drilling

TSX Venture: SSE



TSX Venture: SSE

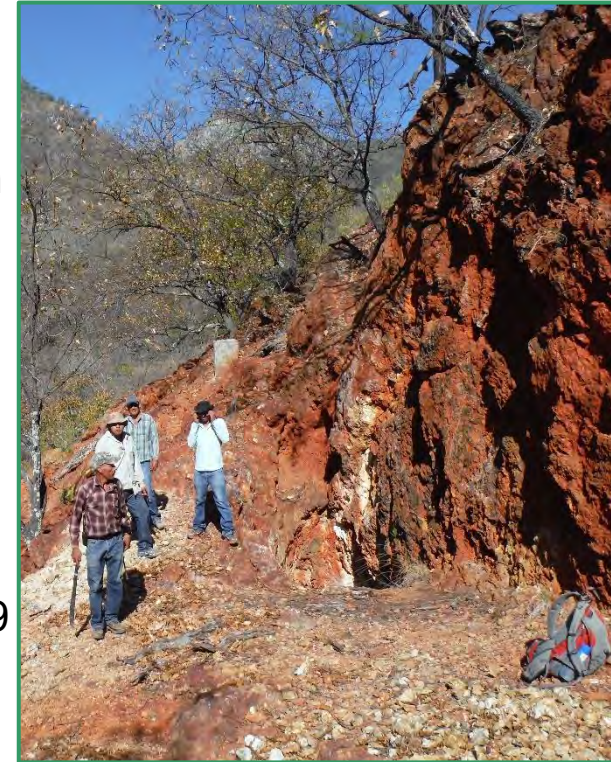
***Pino de Plata
Ag-Au Project,
Chihuahua,
Mexico***



Pino de Plata - The Property

TSX Venture: SSE

- ✓ 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
- ✓ 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 I drilling in 2019
- ✓ Disseminated epithermal, replacement and skarn carbonate, and vein targets



Pino de Plata - Exploration and Plans

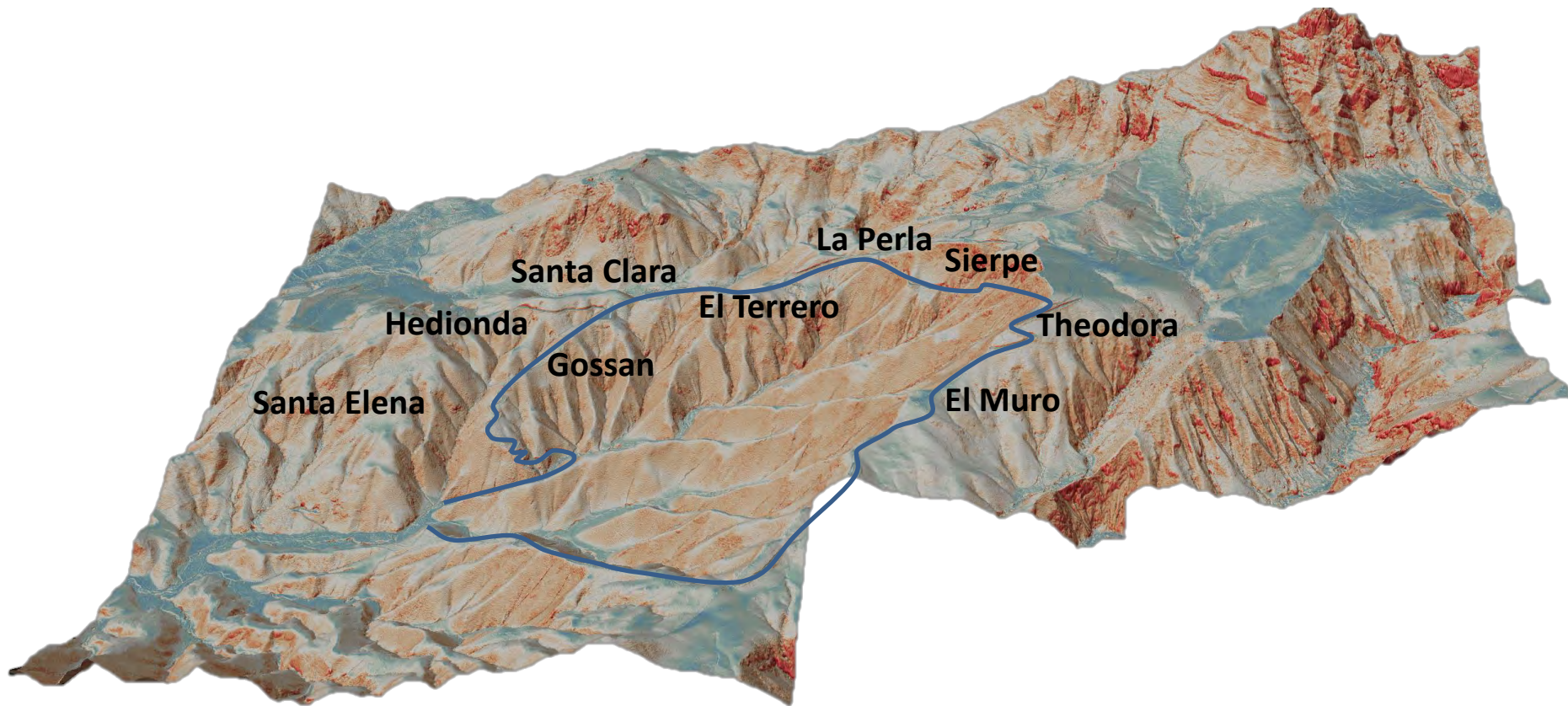
TSX Venture: SSE

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



Pino de Plata - LiDAR Mapping

TSX Venture: SSE



LiDAR enhanced digital elevation map with drill targets looking south across Pino de Plata property



Pino de Plata - Epithermal Targets

TSX Venture: SSE



Terrero Vein sampled 1130 g/t Ag with 3.72% Pb for 1278 g/t AgEq. Seven out of nine samples **>1 oz/t (31.25 g/t) Ag and up to 17.8 oz/t (557 g/t) Ag.**



Silver Spruce Resources Inc.

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



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