



“Seizing Opportunity and Creating Value”

UNLOCKING SIGNIFICANT VALUE BY EXPLORING AND DRILLING ITS
PINO de PLATA SILVER-LEAD-ZINC PROJECT IN MEXICO

TSX Venture – SSE

www.silverspruceresources.com

January 8, 2019

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.

"We strive to provide significant investor opportunity by acquiring exceptional exploration properties for great value and with a modest investment deliver excellent returns to our shareholders."

Silver Spruce Resources will deliver value to its shareholders by:

- **Leveraging the strengths of its board and management team**
- **Focusing on high impact precious & base metal exploration opportunities**
- **Making strategic acquisitions in well established districts with well understood models**
- **Seeking properties that have had some production and/or a resource that needs investment to be brought into compliance with NI 43-101 guidelines**



Corporate Overview



- **Silver Spruce Resources Inc.** is a Canadian publicly traded company that trades on the TSX Venture Exchange under the symbol SSE with **68.6 MM shares outstanding**
- The Company has an experienced management team in the areas of exploration, prospect development, corporate finance, legal, and public company management
- The Company an advanced and highly prospective exploration property: Pino de Plata which is located in the state of Chihuahua, near the mining friendly town of Chinipas
- “Pino de Plata” is 15 km away from the Coeur Mines’ flagship Palmarejo mine which produced 7.2 million ounces of silver and 132,000 ounces of gold in 2017. Coeur claims surround SSE’s claims
- Silver Spruce’s initial NI 43-101 report on Pino de Plata indicates many similarities geologically between the Pino de Plata and Palmarejo projects. SSE’s surface sampling has confirmed high grade mineralization of over 550 g/t silver with highly anomalous grades of lead, zinc and gold

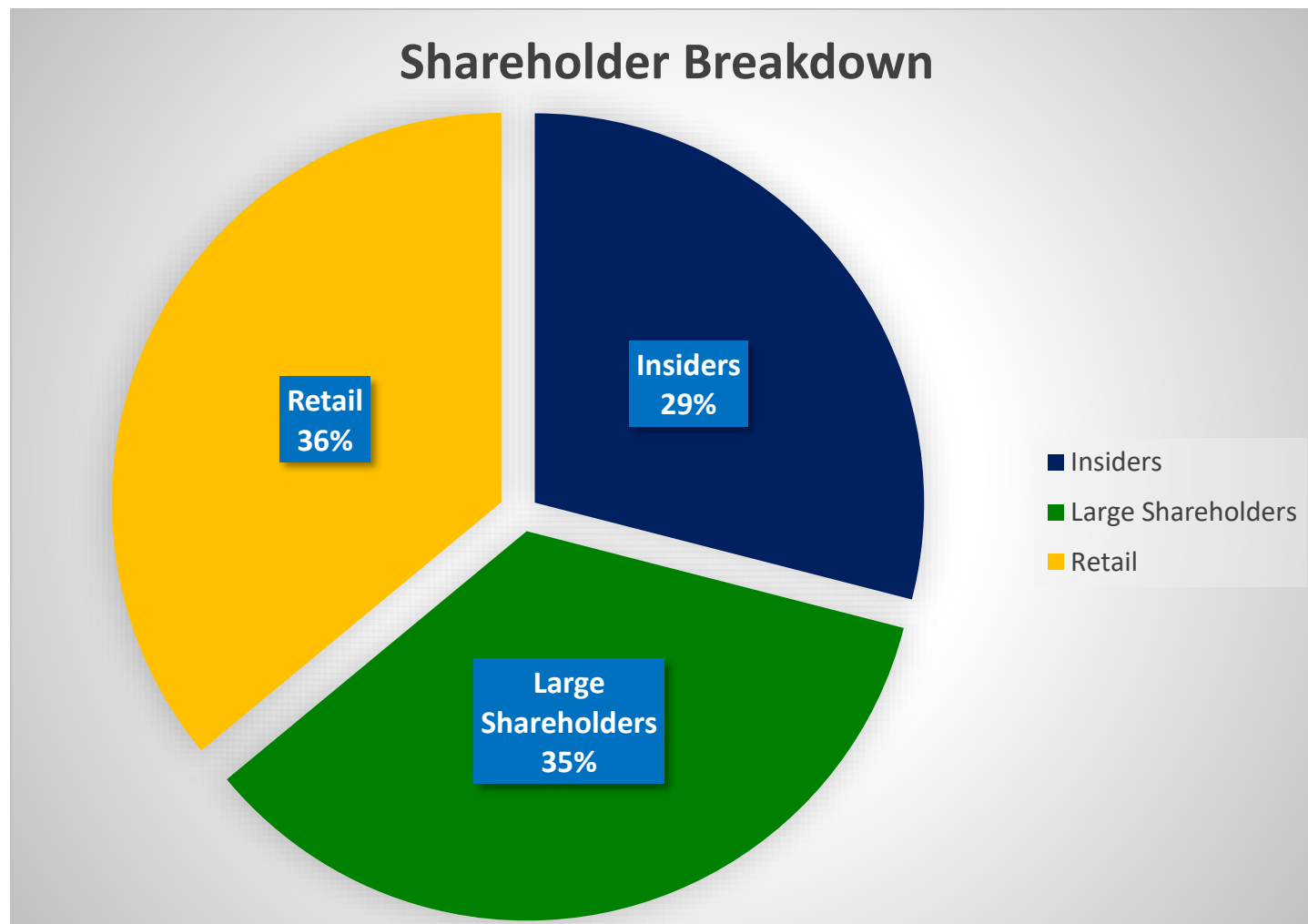


Corporate Summary



Exchange Listings	TSX Venture: SSE FSE: S6Q1 USA: SSEBF
Head office	Bridgewater, Nova Scotia
Shares Outstanding	68,561,992
Warrants	25,009,030
Options	3,800,000
Fully diluted	97,601,655
Share Price Range	\$.025 - \$.08
Debt	Nil
Tax Loss Carry Forward	> \$10 M
Bank	Canadian Imperial Bank of Commerce
Auditors	McGovern Hurley, Toronto

Shareholder Breakdown



Key Team Members



Dr. Brian Penney, PhD, DIC, P.Eng **Chairman/Director**

- Ph.D.- High energy nuclear physics-Imperial College of Science & Technology, Univ. of London
- Extensive leadership experience with early stage companies, founding CEO of TARA, a Halifax based Telecoms R&D firm, Chairman and CEO of Aberdeen in Halifax; Past Chairman of Intertainment Media Inc. (TSXV: INT), CEO and Chairman of e-djuster Inc. in Ottawa and CarteNav Solutions Inc.
- Served on the boards of several Canadian government and academic-industry boards including: the Communications Research Centre and CANARIE

Karl Boltz **President, CEO and Director**

- Natural resources consultant - 15+ years working with public and private companies in Mexico- project acquisition, funding, market development and project management. Fluent in Spanish
- Co-founding President, CEO and Director of EXMIN Resources Inc. (acquired by Sierra Metals)

Kevin O'Connor **Director**

- Corporate attorney based in Chicago, IL. Currently General Counsel of Asia Pacific for Navstar Inc. Focussed on M&A, Joint Ventures, and divestitures. Fluent in Mandarin Chinese.



Key Team Members

www.silverspruceresources.com

Greg Davison, MSc, PGeo **Director**

- Professional consulting exploration geologist, project manager and ore mineralogist with thirty-nine years of practical field, commercial laboratory and management experience from diverse geological settings in more than forty countries
- VMS expertise from exploration targeting through ore mineralogy and process development

Gordon Barnhill **CFO, VP Corporate Affairs, Director**

- 25 years as a senior commercial lending officer with Canada's largest banking institution
- Former president of a management consultancy focused capital research, business evaluations, deal structuring and investment strategies

Art Brown **Director**

- 25+ years of public company directorship and management (including involvement with equity financings)
- Served as a Director for 8 companies in technology, mineral exploration, and oil & gas
- Currently President of Alba Minerals Inc.



Pino de Plata Project - Mexico

Multi System Hosted / Silver - Zinc - Gold

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
- **Our Exploration Target is to develop 100 million ounces of silver**
- Definitive Purchase Agreement for 100% interest
- Surface access agreement and exploration license is in place

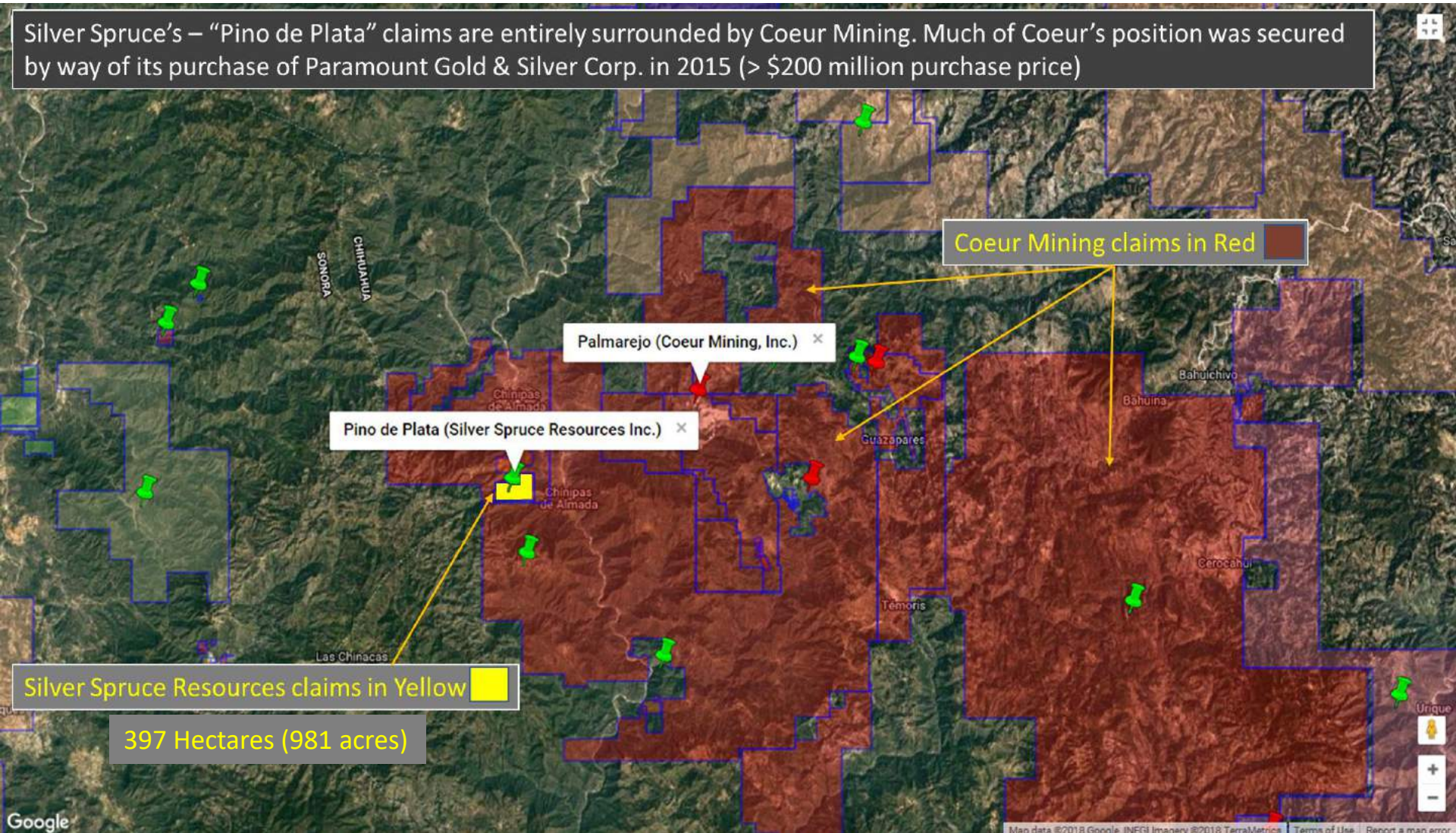


Pino de Plata Project

Claims Map

TSX Venture: SSE

Silver Spruce's – "Pino de Plata" claims are entirely surrounded by Coeur Mining. Much of Coeur's position was secured by way of its purchase of Paramount Gold & Silver Corp. in 2015 (> \$200 million purchase price)



Proximity to Palmerejo Mine – Coeur Mining

TSX Venture: SSE



Distance from Pino de Plata to Palmerejo is approximately 15 km

Pino de Plata – 3 Primary Targets

TSX Venture: SSE

EPITHERMAL TARGET

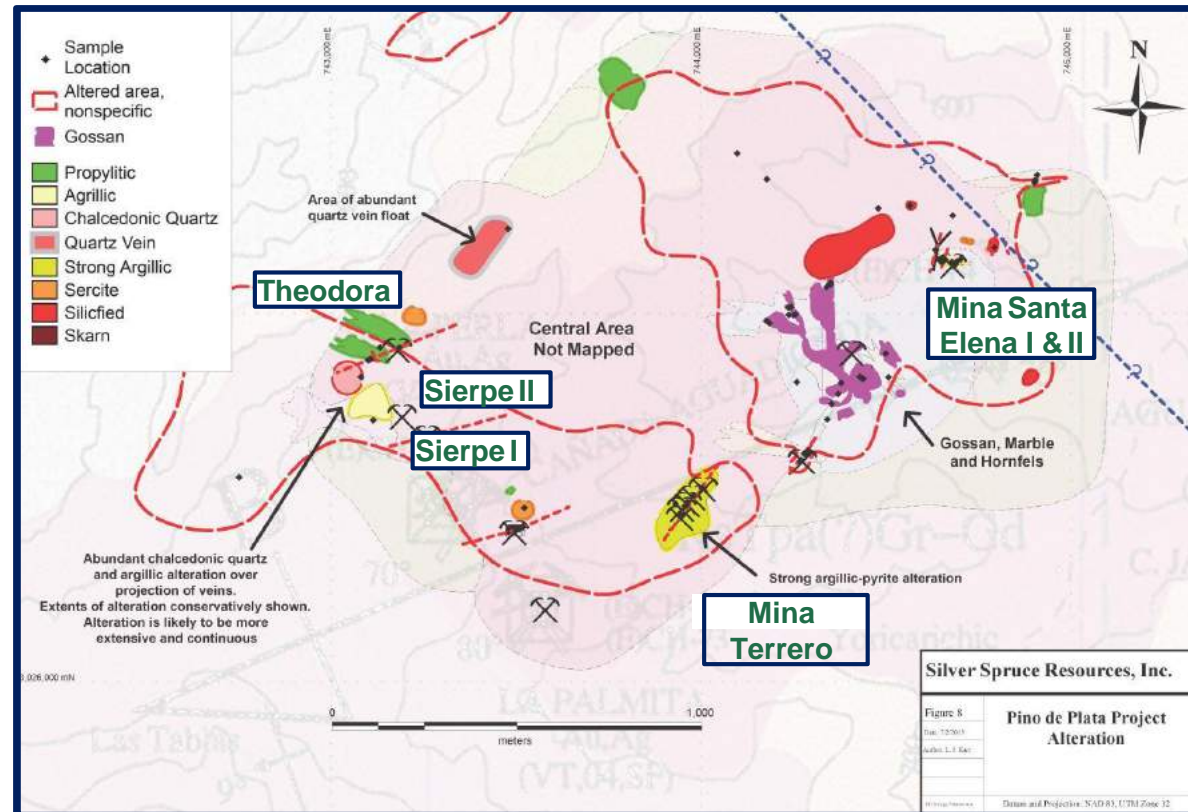
At the **Terrero** target, an area of over 20,000 square metres (>2 Ha), “the replacement epithermal mineralization in igneous rocks contains good silver grades at surface in unoxidized rock. Seven out of nine samples contained >1 opt (31.25 g/t) Ag to as much as 17.8 opt (557 g/t) Ag. Little additional work in the way of mapping and sampling is required prior to drilling this prospect

CARBONATE REPLACEMENT TARGET

The **Santa Elena** gossan area presents a viable target for replacement Ag-Pb-Zn-Cu deposits. Unoxidized replacement mineralization from the Santa Elena Mine approaches 6.4 opt (200 g/t) Ag. This area has the potential for relatively shallow replacement mineralization over an area of >20 Ha

VEIN TARGETS

The **Sierpe I&II** and **Theodora** veins are open on strike and have indications of high grade Ag >8 opt (250 g/t) Ag and reasonably minable widths >= 1m. Newly exposed, Ag mineralized quartz veins in road cuts to the west along with favorable alteration west of the Sierpe and Theodora mines make these attractive vein targets



Pino de Plata Project – The Big Picture

Producing mines in the Sierra Madre Occidental that are classified as epithermal deposits with silver and gold mineralization are typically hosted in multiple veins, breccias, stockworks and replacement zones.

- Pino de Plata is similar in this respect, showing several styles of mineralization including veins, stockworks, and breccia zones
- The project also contains Ag-Zn-Pb-Cu skarn mineralization adjacent to a strongly altered intrusive, suggesting the possibility of an underlying porphyry system
- Property hosts several drill-ready epithermal, breccia, and skarn targets that are well defined on the basis of geologic mapping and geochemistry
- **Potential to host over 100 million ounces of silver**



Pino de Plata Project

Epithermal Replacement Target

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The Terrero Mine

- Disseminated epithermal mineralization in strongly argillized igneous rocks contains **high grade silver at surface**.
- Seven out of nine samples contained **>1 oz/t (31.25 g/t) Ag to 17.8 oz/t (557 g/t) Ag**.
- Pino de Plata is a drill-ready project.

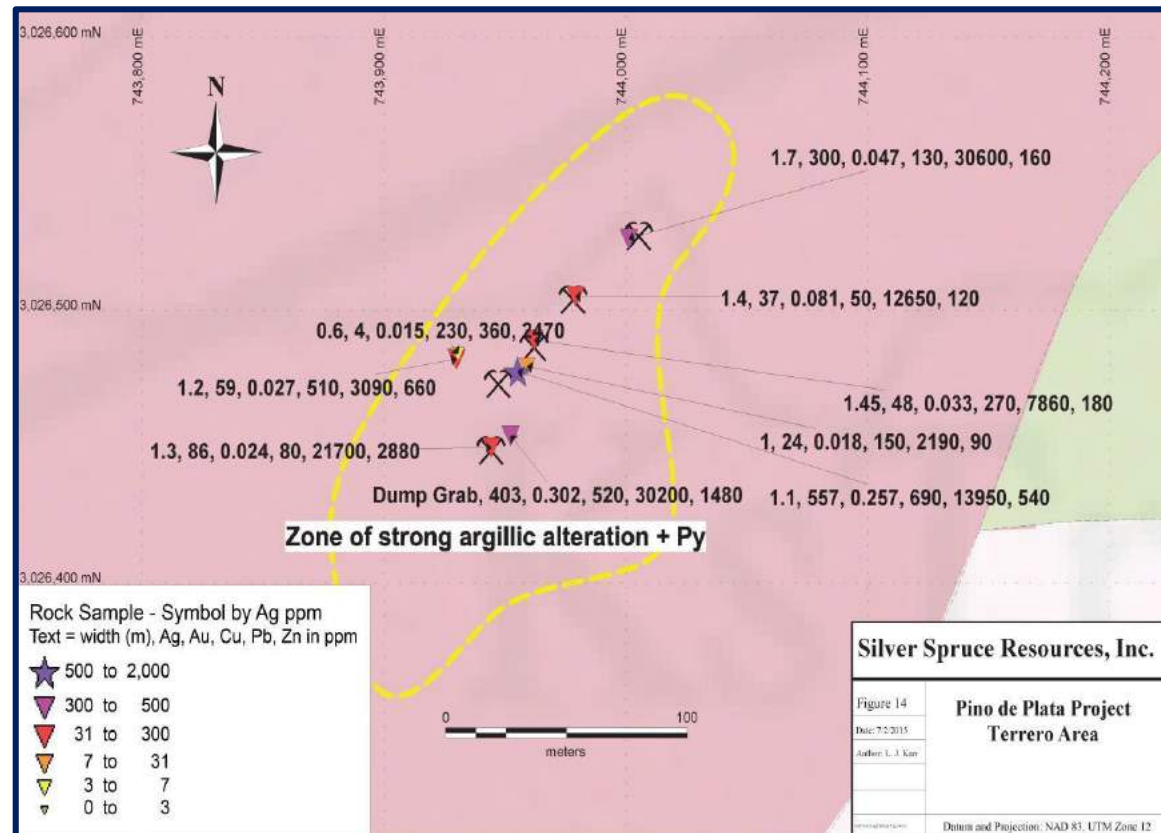


Pino de Plata Project

Epithermal Replacement Target

The Terrero Mine cont'd

- Alteration in this area is characterized by very strong clay alteration that has largely obliterated the original rock textures
- Mineralization occurs in stratiform zones containing parallel lenses of pyrite. Up to 10% of the host rock is replaced by pyrite
- Values at surface contain up to 17.8 oz/t (557 g/t) Ag

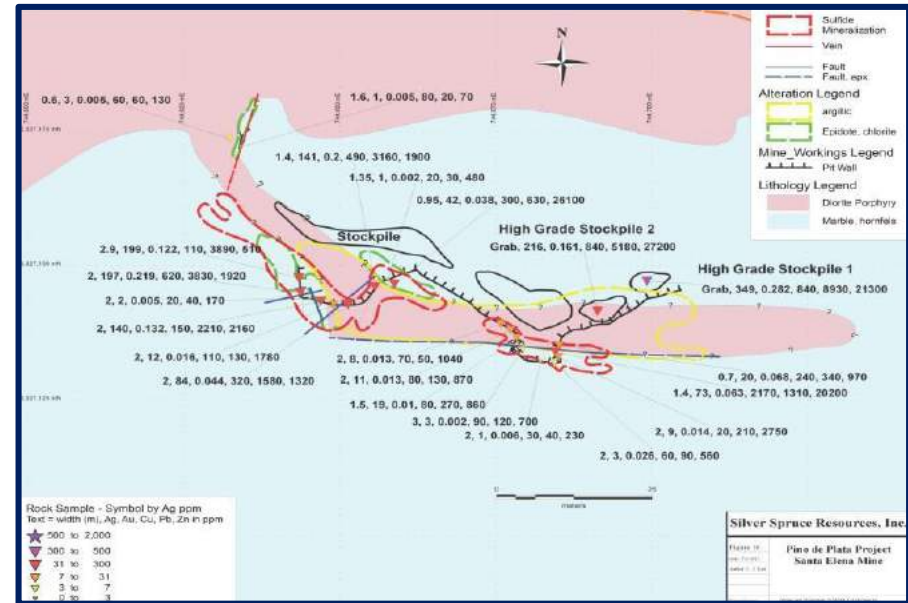


Pino de Plata Project

Carbonate Replacement Target

The Santa Elena – Gossan Area

- A viable target for replacement Ag-Pb-Zn-Cu deposits
- Extensive gossans are anomalous in Ag and base metals
- Unoxidized replacement mineralization approaches **6.4 oz/t (200 g/t) Ag**
- Potential for relatively shallow mineralization over an area of >20 Ha.
- Two small open cuts and a 4 metre adit driven along a diorite intrusive-marble contact
- Mineralization consists of replacement and veinlets and disseminated sphalerite, galena and chalcopyrite hosted by marble
- Two 40 kg samples taken from stockpiles averaged **.007 oz/t (0.21 g/t) Au, 8.64 oz/t (270 g/t) Ag, 840 ppm Cu, 0.7% Pb, and 2.5% Zn**

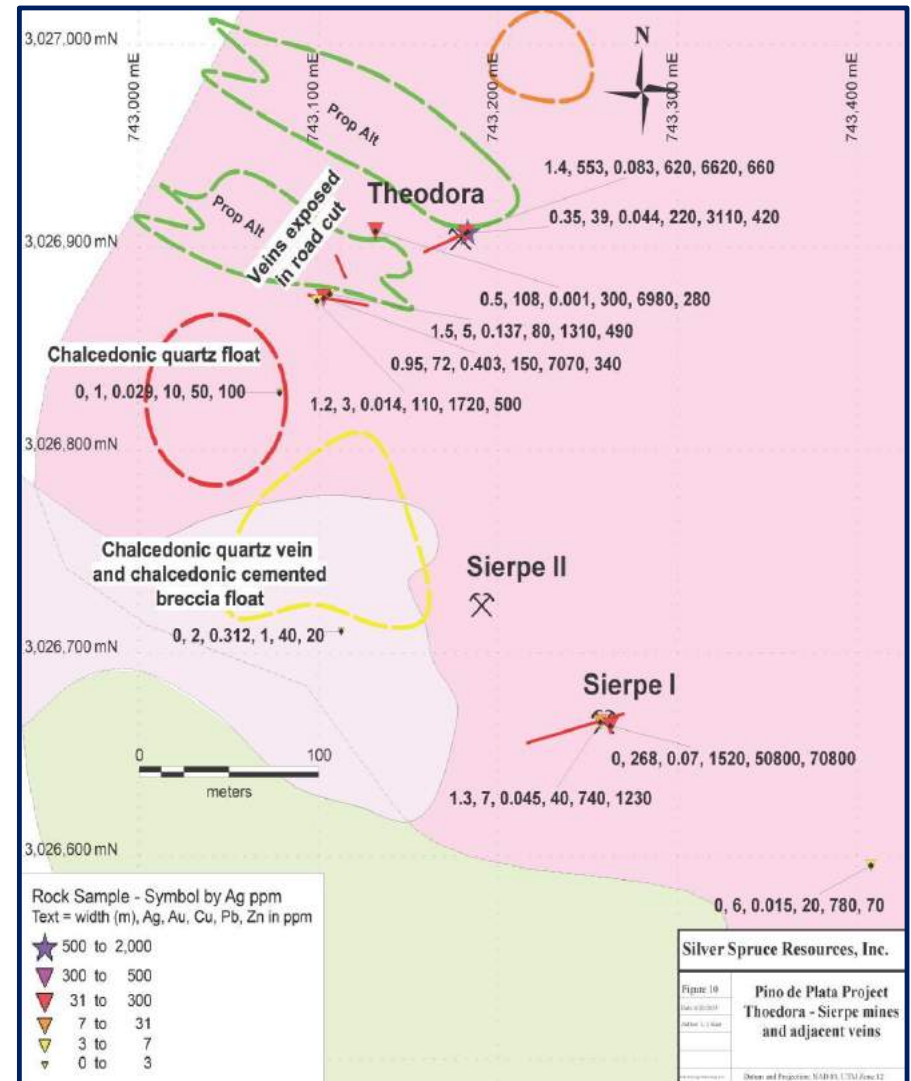


Pino de Plata Project

Vein Targets

The Sierpe and Theodora Epithermal Veins

- Veins are open on strike and have indications of high grade Ag **>8 oz/t (250 g/t Ag)**
- Mineable widths ($\geq 1\text{m}$)
- Newly exposed, Ag mineralized quartz veins in road cuts to the west
- Favorable alteration west of the Sierpe and Theodora mines
- A grab sample of high grade from the Sierpe I dump contained **8.6 oz/t (268 g/t) Ag, 5% Pb and 7% Zn**



Pino de Plata Project

Select Sample Assays - 2015

SILVER SPRUCE RESOURCES INC.
SELECTED ASSAYS FROM PINO DE PLATA PROJECT TAKEN IN MAY 2015

SAMPLE LOCATION	SAMPLE #	Sample Weight (kg)	Ag g/ton	Ag oz/ton	Cu g/ton	Cu %	Pb g/ton	Pb %	Zn g/ton	Zn %	Au g/ton
Santa Elena - Stockpiles	383856	35.88	349	11.22	840	0.084	8,930	0.893	21,300	2.13	0.282
Santa Elena - Stockpiles	383857	41.59	216	6.945	840	0.084	5,180	0.518	27,200	2.72	0.161
Santa Elena - East Cut	383859	5.31	73	2.347	2,170	0.217	1,310	0.131	20,200	2.02	0.063
Santa Elena - East Cut	383868	3.25	42	1.35	300	0.03	630	0.063	26,100	2.61	0.038
Santa Elena - West Cut	383872	4.61	140	4.501	150	0.015	2,210	0.221	2,160	0.22	0.132
Santa Elena - West Cut	383874	4.24	200	6.334	620	0.062	3,830	0.383	1,920	0.19	0.219
Santa Elena - West Cut	383875	8.83	199	6.398	110	0.011	3,890	0.389	510	0.05	0.122
Santa Clara- Outcrop	383883	6.03	308	9.902	1,150	0.115	23,400	2.34	2,310	0.23	0.117
Terrero - Lower Adit	383884	4.95	403	12.957	520	0.052	30,200	3.02	1480	0.15	0.302
Terrero - Lower Adit	383885	2.99	86	2.765	80	0.008	21,700	2.17	2880	0.29	0.024
Terrero Mine - Outcrop	383889	2.58	557	17.908	690	0.069	13,950	1.395	540	0.05	0.257
Terrero Mine - Outcrop	383891	3.96	37	1.19	50	0.005	12,650	1.265	120	0.01	0.081
Terrero Mine - Outcrop	383892	5.32	300	9.645	130	0.013	30,600	3.06	160	0.02	0.047
La Palmita Mine - Outcrop	383893	3.09	318	10.224	250	0.025	7,990	0.799	90	0.01	0.168
La Palmita Mine - Outcrop	383894	2.76	188	6.044	430	0.043	6,520	0.652	70	0.01	0.096
La Palmita Mine - Outcrop	383895	4.89	264	8.488	610	0.061	9,520	0.952	520	0.05	0.104
Theodora - Outcrop	383903	6.25	553	17.78	620	0.062	6,620	0.662	660	0.07	0.083
Seriepe I - Mine Adit	383905	4.09	268	8.616	1,520	0.152	50,800	5.08	70,800	7.08	0.07
Roadcut Vein Outcrop	383918	2.36	108	3.472	300	0.03	6,980	0.698	280	0.03	0.461
Santa Clara - Outcrop	383939	1.04	103	3.312	510	0.051	4,400	0.44	2880	0.288	0.046
Santa Clara? - Quartz Workings	383949	1.9	394	12.667	12,350	1.235	30,700	3.07	20400	2.04	0.304



Terrero Target – Historic Adit



Pino de Plata Project

2019 Exploration Program – Including Drilling

- Detailed geologic mapping of the property
- Develop further access to the Sierpe, Theodora and Terrero mines for additional mapping, sampling and drilling
- Thorough mapping and sampling of road cuts with particular attention to the gossan area, quartz boulder zone and west of the vein targets
- Soil sampling survey for entire property
- IP-Resistivity survey over the gossan area
- Drill geologic, geochemical and geophysical targets



Gossan Area - the Santa Elena Mine is roughly 500m left of the switchbacks behind the ridgeline. Note widespread red soil on ridgeline left of switchbacks.



Theodora Mine: Sample 1.4 m @0.083 g/t Au, 553 g/t Ag

Silver Spruce Resources Inc.



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