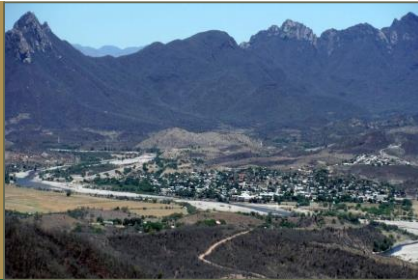




EXPLORING THE PROLIFIC SIERRA MADRE GOLD AND SILVER REGION



Investor Presentation
December 2016



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.

Overview

- **Silver Spruce Resources Inc.** is a Canadian publicly traded company that trades on the TSX Venture Exchange under the symbol SSE with **39.6 MM shares outstanding and a \$3.73MM market capitalization.**
- The Company has a very clean balance sheet and an experienced management team.
- The Company has two potentially high impact silver/gold exploration properties in the heart of the Sierra Madre Occidental in the state of Chihuahua near the town of Chinipas Mexico. Projects: Pino de Plata and Encino de Oro
- The flagship property “Pino de Plata” is 15km away from the Coeur Mines’ flagship mine Palmerejo. Coeur purchased the property in 2007 for approximately \$1.1 billion USD and began production. Subsequently, Coeur purchased a surrounding land package by way of taking over Paramount Resources in 2014 for a purchase price of approximately \$140 million USD. Coeur now surrounds SSE’s claims on east, west, and north sides.
- Silver Spruce’s initial NI 43-101 report on Pino de Plata indicates many similarities geologically between the two projects and the Company’s surface sampling has confirmed high grade mineralization of over 550 g/t silver with highly anomalous grades of lead, zinc, and gold also associated.



Presentation Overview

TSXVSE: SSE

- Corporate Summary
- Key Team Members
- Business Strategy
- Overview of Encino de Oro Project
- Overview of the Pino de Plata Project



Corporate Summary

November 30, 2016	
Listing	TSXVSE: SSE
Head office	Bridgewater, Nova Scotia
Shares Outstanding	39,620,821
Warrants	15,466,401
Options	2,900,000
Fully diluted	57,987,222
Share Price Range	\$.045 - \$.14
Market Capitalization	\$3.57 million
Debt	Nil
Tax Loss Carry Forward	> \$10 M
Bank	Canadian Imperial Bank of Commerce
Auditors	McGovern Hurley, Toronto

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 Abridgean in Halifax; Past Chairman of Intertainment Media Inc. (TSXV: INT), CEO and Chairman of e-djuster Inc. in Ottawa and CarteNav Newword 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)

www.silverspruceresources.com



Key Team Members

TSXVSE: SSE

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

- 30+ yrs. as agent /owner/operator of business technology and computer systems enterprises
- 25+ years of public company directorship including involvement with financings
- Served as a Director for 8 companies ranging from technology to mineral exploration and oil & gas
- Currently President of Alba Minerals Inc. TSXVSE:AA.H



Key Team Members

Brad Donovan

Director

- Consul (H) of Iceland in Mexico
- Fluent in Spanish, English, French
- President and CEO of the Nova Monarca Group
- Serves as Director of for Viking Laws Inc. (Oil and Gas Trading), Director of Doze Group International, Director of Gold Jet Executive and Medical Aircraft, Director of the Icelandic Institute of Mexico

Leonard J. Karr, Certified Professional Geologist

Consulting Exploration and Project Manager

- 30+years in a wide range of geologic and metallogenic environments.
- Managed exploration, drilling, construction and development projects on four continents
- Expertise in precious and base metal systems, industrial minerals, coal and hydrocarbons.

We believe that current market conditions provide a significant opportunity to acquire exceptional exploration properties for great value and with a modest investment deliver excellent returns to our shareholders.

Silver Spruce Resource will deliver value to its shareholders by:

- Leveraging the strengths of its board and management team
- Focusing primarily on precious mineral 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 NI 43-101 compliance
- Building credibility as a partner by being systematic in our property assessments and our exploration approach



Encino de Oro – “Golden Oak” Project

- Near Chinipas, in far western Chihuahua State
- In the heart of the Sierra Madre Occidental
- Over 300 hectares
- Field crews sampled gold grades ranging from a trace to 8.42 g/t in three samples over 3 m in width from mineralized outcrop
- Outcrop of strongly silicified rhyolite tuff contains, quartz veining and iron oxides after pyrite
- SSE’s sampling confirms confidence in the vendor’s statements concerning other multigram gold assays in the area
- Eleven samples were taken in the first preliminary visit to the prospect in late September, and an additional 31 samples were taken during late November, with assays pending
- Very favourable deal terms



Pino de Plata Project

Silver / Base Metals / Gold

TSXVSE: SSE

Project Overview

- ✓ Precious metal / base metal project in a prolific region
- ✓ Epithermal models are well understood
- ✓ Road accessible with producing mines in the area
- ✓ Some historic production
- ✓ Significant alteration throughout the property
- ✓ Untested by drilling
- ✓ Opportunity to generate significant results
- ✓ Three mineralization types manifest on the project providing drill targets

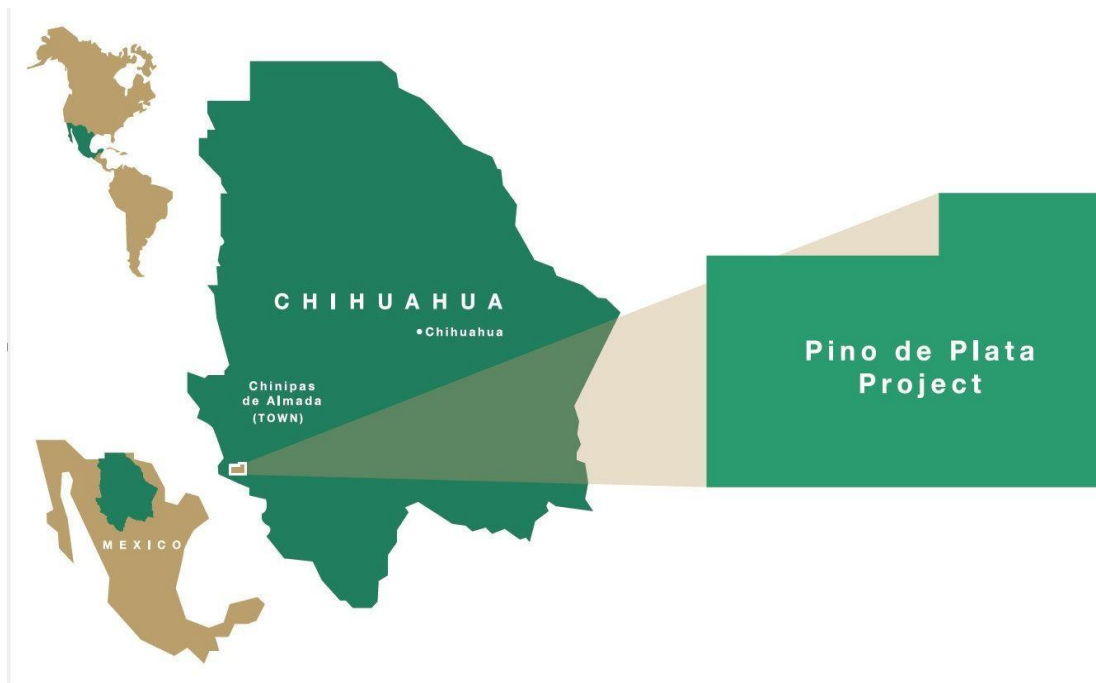


Pino de Plata Project –The Property

TSXVSE: SSE

Epithermal Silver / Base Metals / Gold

- Four, road accessible concessions comprising 397 ha
- 440 km southwest of Ciudad Chihuahua, Mexico and 5.5 km due south of the village of Chinipas de Almada.
- In the heart of the Sierra Madre Occidental gold-silver belt
- Definitive Purchase Agreement for 100% purchase



Pino de Plata Project

Town of Chinipas de Almada



Pino de Plata – Exploration History

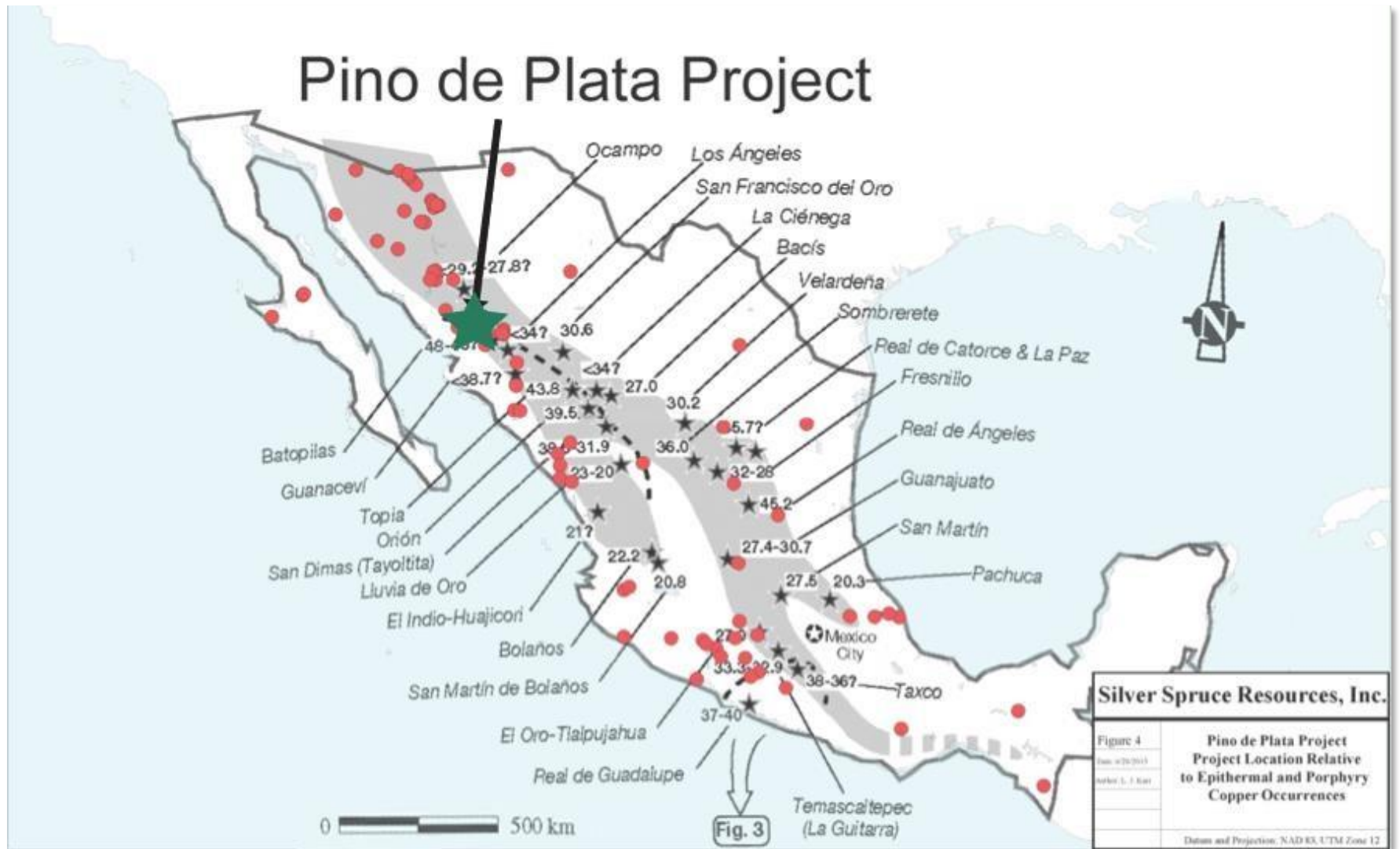
TSXVSE: SSE

- Terrero mine. Dates back to the Spanish Colonial era. Historical small scale (Artisanal) mining of high grade silver occurred sporadically in the 1800's and 1900's and over the last 30 years, from nine discrete areas.
- No production records are available –unlikely each produced any more than a few hundred tons of ore.
- Property was examined in 1985 by Consejo de Recursos Minerales and in 2013 by Arcelia Gold. Both focussed on existing workings.
- The most recent owner reported silver assays greater >1000 g/t. (Unverified by SSE)



Pino de Plata Project – Sits in Good Company

Epithermal Silver / Base Metals / Gold



Pino de Plata Project – The Big Picture

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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.

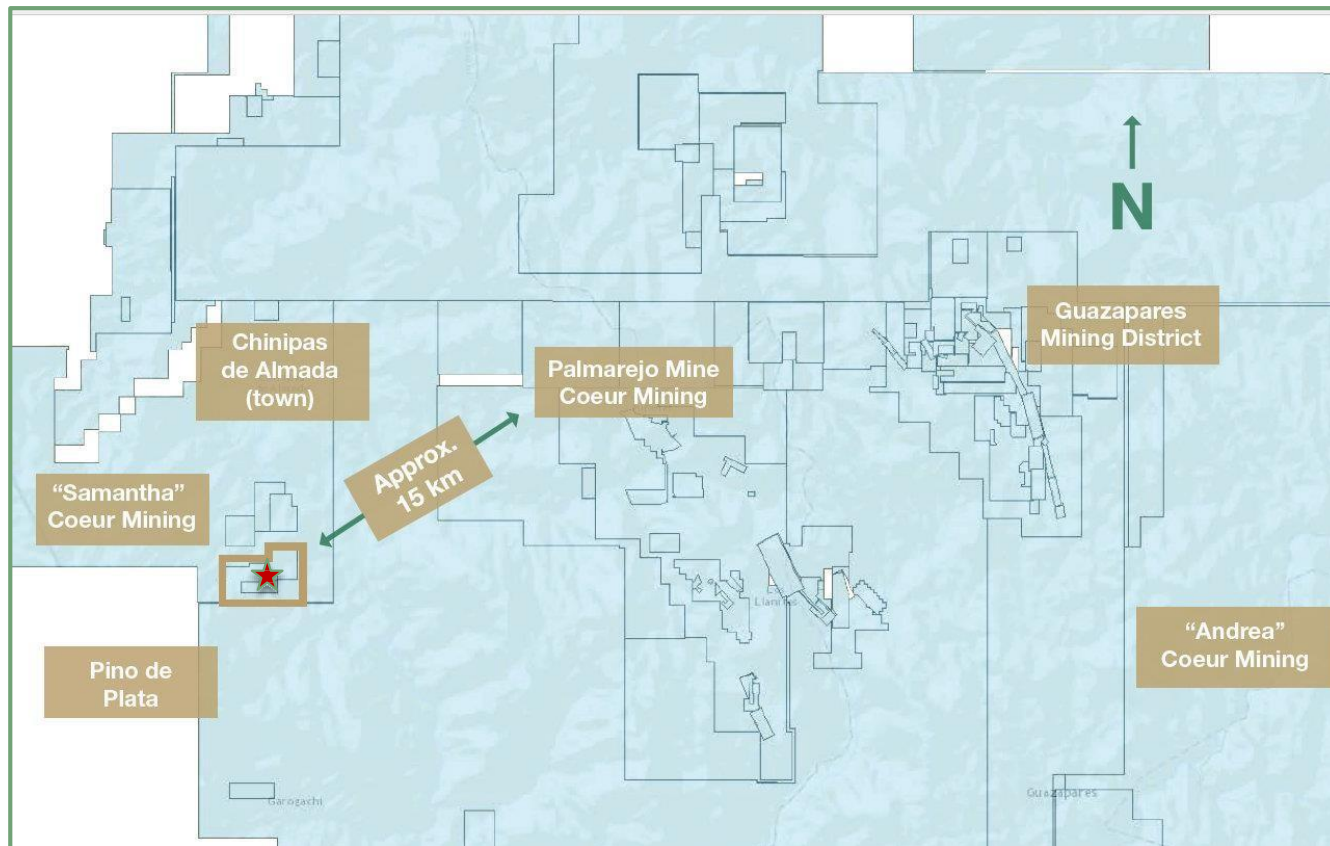
- Pino de Plata is classic in this respect, not only showing several forms of mineralization and alteration but faulting and veining orientations that align well with regional trends associated with producing structures.
- As is the case at Pino de Plata, high base metal values (Cu, Pb, Zn) are often associated with high precious metal values in these areas.
- At the Palmerejo mine, located approximately 15 km to the NE, silver and gold is zoned from top to bottom. Higher silver values occur the upper parts of the deposit with higher gold values in the lower parts. This notion is yet to be tested at Pino de Plata.



Pino de Plata Project

Epithermal Silver / Base Metals / Gold

This is a prolific region and while the property is essentially surrounded by Coeur Mining and other players, there are great opportunities.



Pino de Plata – Relationship to Palmarejo

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View of Palmarejo Mine with Pino de Plata in Background



Southeast

Pino de Plata Project

Chinipas de Almada
(town)

Palmarejo Mine
Waste/Tailings Pile

Pino de Plata Project

Summary of 43-101 Exploration Findings

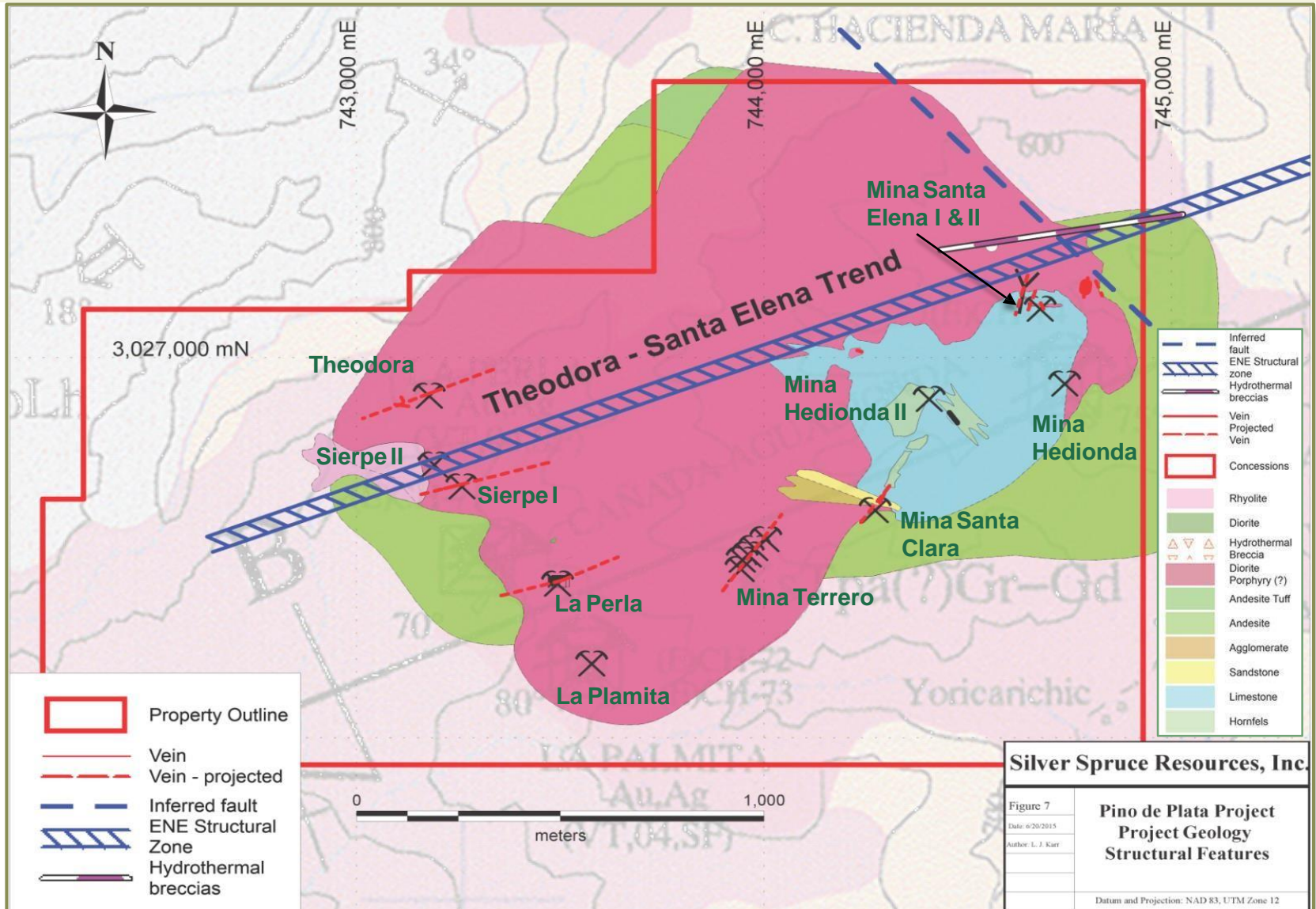
“The existence of epithermal and carbonate replacement mineralization with economic grades and widespread hydrothermal alteration shows that the Pino de Plata Property has the potential to host deposits of economic tonnage and grade for both of these deposit types.” – Leonard J Karr – P.Geol

- The property has extensive alteration and has never been systematically explored - evaluation has concentrated largely on old workings.
- The discovery of additional silver bearing quartz veins in more recent road cuts while completing our maiden NI 43-101 underscores the benefit of a more detailed mapping and exploration of the less exposed areas of the property.
- There has been no drilling on the property. Within a short time on site, our NI 43-101 exploration assessment quickly confirmed three types of highly prospective mineralization and identified three separate target areas that should be drilled.

Pino de Plata Project

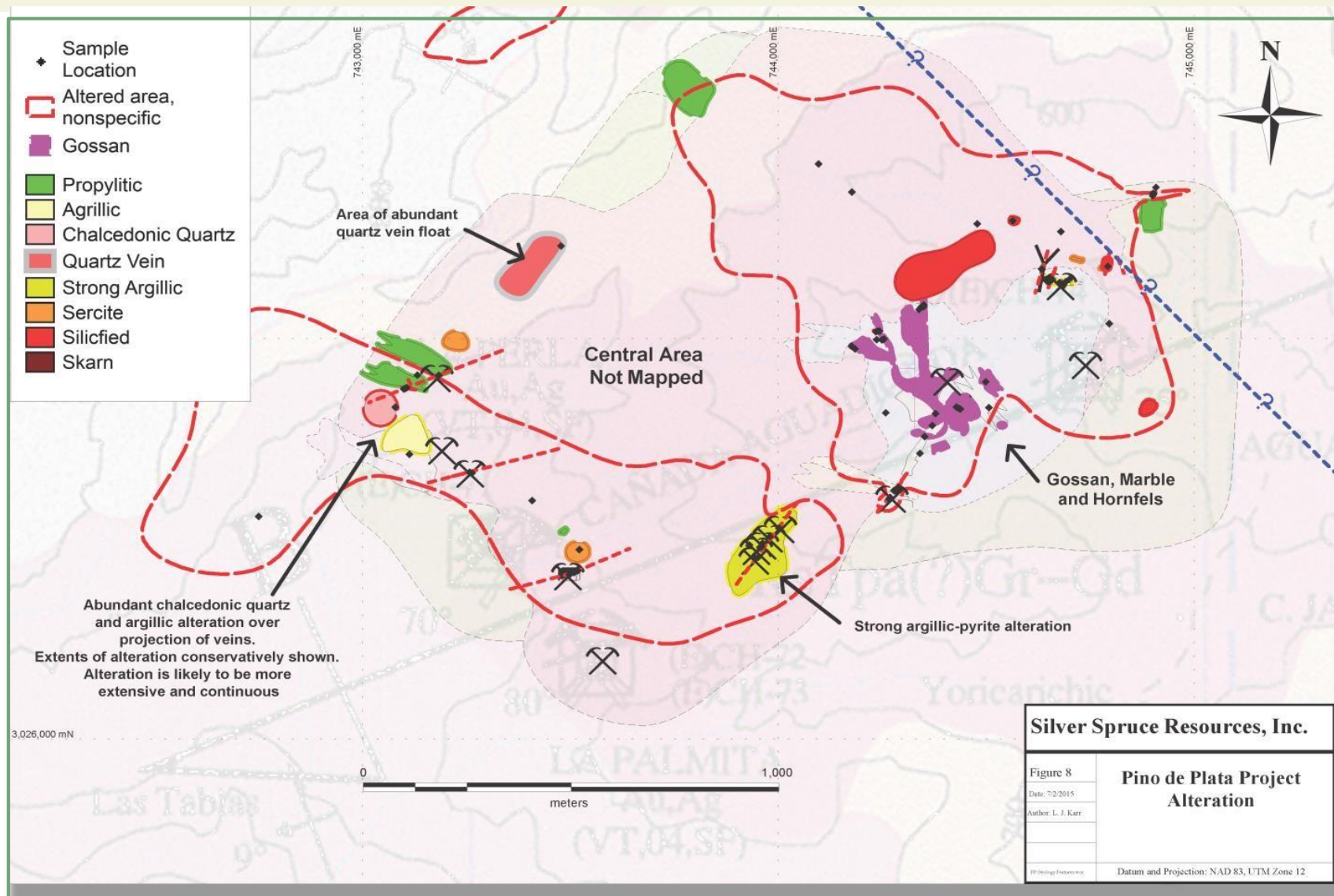
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Locations – Geology & Location of Old Mines and Workings



Pino de Plata Project

Extensive Alteration



Pino de Plata Project

Epithermal Replacement Target

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The Terrero Mine

- Replacement epithermal mineralization in igneous rocks contains good silver grades at surface in unoxidized rock.
- Seven out of nine samples contained **> 1 opt Ag** to as much as **17.9 opt Ag**.
- Little additional mapping and sampling is required prior to drilling this prospect.



Pino de Plata Project

Epithermal Replacement Target

TSXVSE: SSE

The Terrero Mine

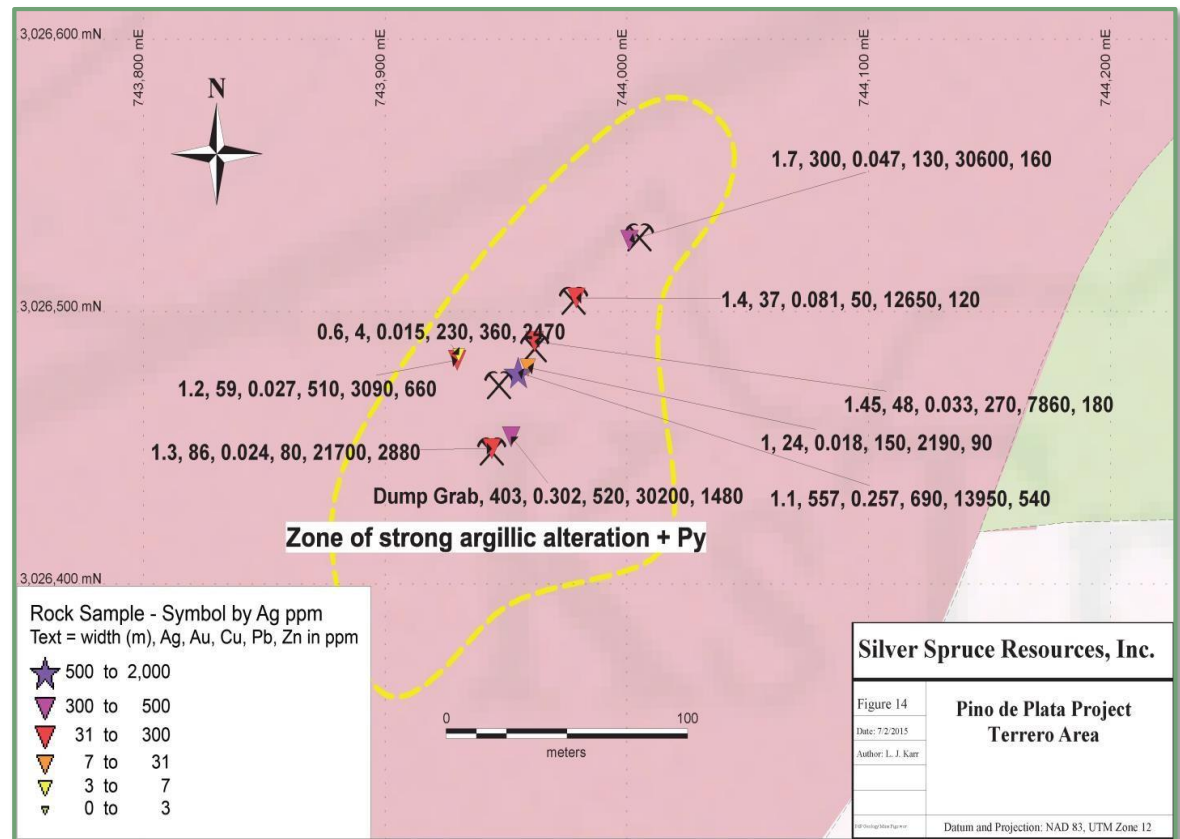


Pino de Plata Project

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.
- Mineralization occurs in stratiform zones a metre or more thick containing ≤ 1 cm thick parallel lenses of pyrite. In some place up to 10% of the host rock is replaced by pyrite.
- Note the 1.1 m chip sample with 557, g/t Ag



Pino de Plata Project

Carbonate Replacement Target

TSXVSE: SSE

The Santa Elena – Gossan Area

- A viable target for replacement Ag-Pb-Zn-Cu deposits
- The gossans are anomalous in Ag and base metals
- Unoxidized replacement mineralization approaches **200 g/t Ag**.
- Potential for relatively shallow mineralization over an area of > 20 Ha.

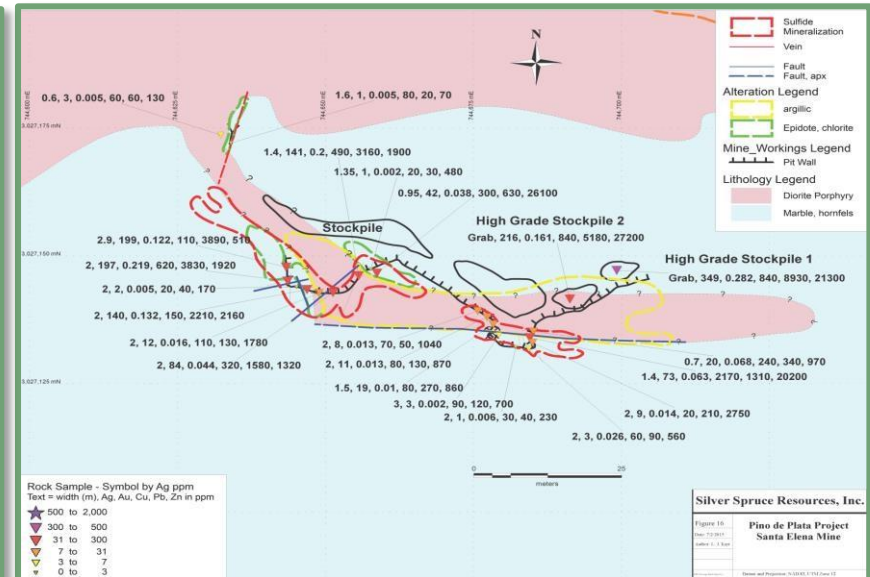


Pino de Plata Project

Carbonate Replacement Target

The Santa Elena Mine

- A 4 metre adit driven along a 190° trending diorite intrusive-marble contact
- Mineralization consists of veinlet and disseminated marmatite (dark, iron-rich sphalerite), galena, chalcopyrite, and calcite hosted by marble
- Two 40 kg samples taken from stockpile are averaged **0.21 g/t Au, 270 g/t Ag, 8.4 g/t Cu, 66.9 g/t Pb, and 248 g/t Zn.**



Pino de Plata Project

Vein Targets

The Sierpe and Theodora Epithermal Veins

- Veins are open on strike and have indications of ore grade Ag (**>250 g/t Ag**)
- Reasonably minable widths (≥ 1 m)
- Newly exposed, Ag mineralized quartz veins in road cuts to the west
- Favorable alteration west of the Sierpe and Theodora mines



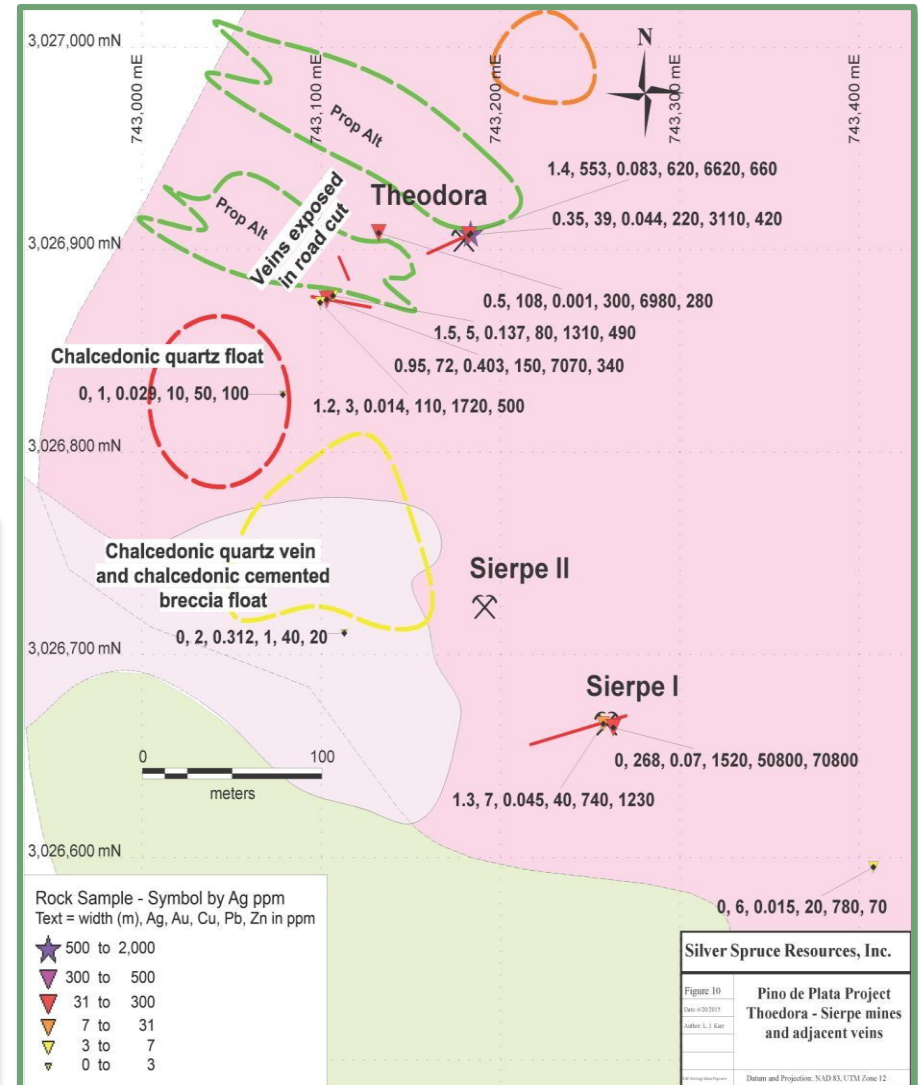
Pino de Plata Project

Vein Targets

TSXVSE: SSE

The Sierpe and Theodora Veins

- A grab sample of high grade from the Sierpe I dump contained **268 g/t Ag** and **5% Pb** and **7% Zn**.
- Vein width in the Sierpe I was 1.3 m unable to optimally sample the vein because of hazardous mine workings.



Pino de Plata Project

Silver / Base Metal / Gold



Pino de Plata Project

Exploration Program

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- Detailed geologic mapping of the property
- Safer access to the Sierpe, Theodora and Terrero mines for additional mapping and sampling
- 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



TSXVSE: SSE

Thank You!

