



# ***“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](http://www.silverspruceresources.com)**

**June 5, 2019**

# Cautionary Statement

TSX Venture: SSE

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.



# Corporate Overview

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 **85 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 has a highly prospective property, Pino de Plata, in the state of Chihuahua near the mining-friendly town of Chinipas, Mexico.
- Pino de Plata project is 15km away from the Coeur Mining's flagship mine at Palmarejo that produced 7.5 million ounces of silver and 122,722 ounces of gold in 2018. Coeur surrounds SSE's claims on the east, west and north.
- 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 1100 g/t silver with highly anomalous grades of lead, zinc and gold.



# Corporate Summary

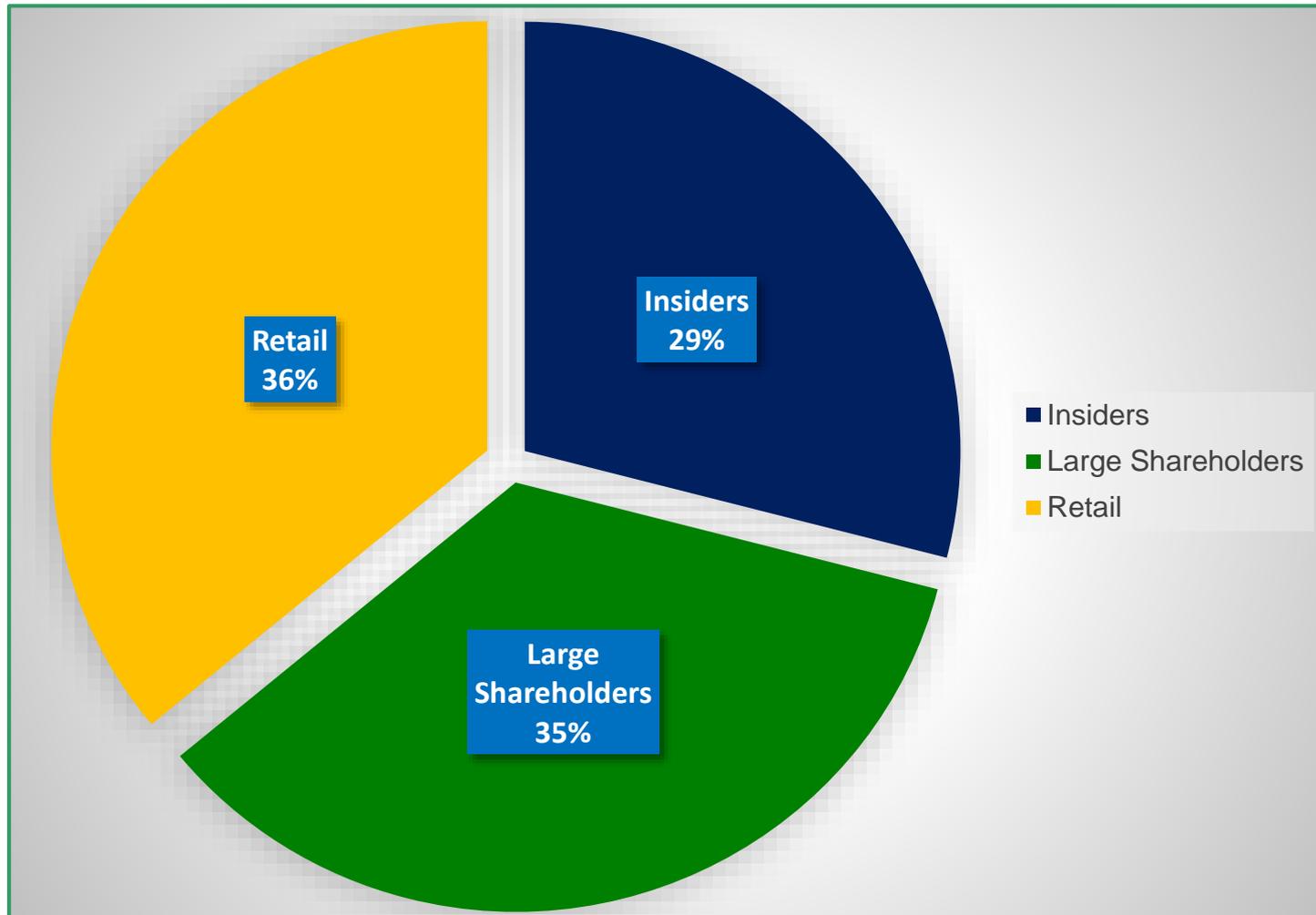
TSX Venture: SSE

<b>May 15, 2019</b>	
Exchange Listings	TSX Venture: SSE FSE: S6Q1 USA: SSEBF
Head office	Bridgewater, Nova Scotia
Shares Outstanding	85,930,833
Warrants	28,151,341
Options	3,100,000
Fully diluted	117,182,174
Share Price Range	\$.015 - \$.06
Debt	Nil
Tax Loss Carry Forward	> \$10 M
Bank	Canadian Imperial Bank of Commerce
Auditors	McGovern Hurley, Toronto



# Shareholder Breakdown

TSX Venture: SSE



# Key Team Members

TSX Venture: SSE

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

- Ph.D.- High energy nuclear physics-Imperial College of Science & Technology, Univ. of London.

## **Karl Boltz, President, CEO, 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.

## **Dr. Craig Gibson, Ph.D., Independent Consulting Project Manager – Pino de Plata**

- More than 25 years of exploration in Mexico and is a Certified Professional Geologist (AIPG).

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

- Corporate attorney based in Chicago, Il. focussed on M&A, Joint Ventures and divestitures.

## **Greg Davison, MSc, PGeo, Director**

- Professional exploration geologist with forty-two years of experience licensed with the Engineers & Geoscientists of British Columbia (EGBC).

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

- 25 years with Canada's largest banking institution, capital research, business evaluations, deal structuring and investment strategies.

## **Art Brown, Director**

- 25+ years of public company directorship and management.

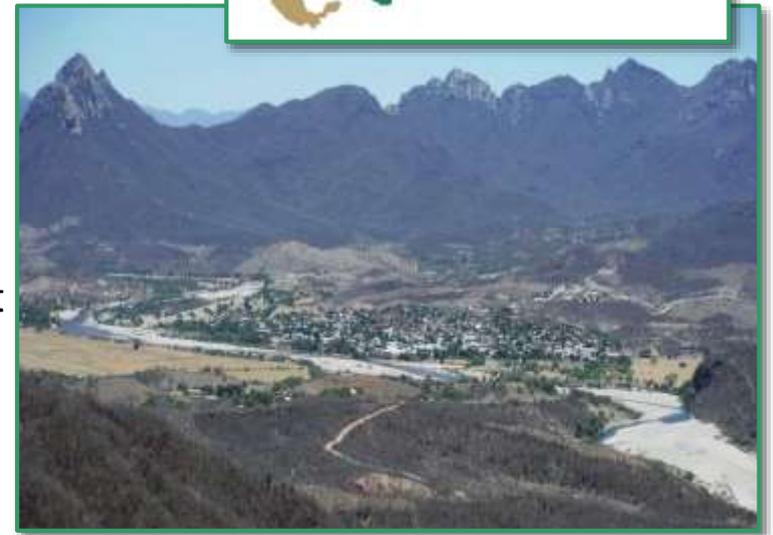


# Pino de Plata Project

## Project Overview

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
- ✓ Permitting for 30 drill pads approved
- ✓ Maiden drill contract awarded for May 2019 program start-up



Pino de Plata is located 5.5 km south of Chinipas de Almada



# Pino de Plata Project

Coeur's Palmarejo Mine - 15km northeast

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**View of Palmarejo Mine with Pino de Plata in background**



# Pino de Plata Project

## Principal Target Areas

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Looking to the southwest across veins, workings, gossans and alteration



# Pino de Plata – Three Target Types

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## Epithermal Targets

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 the nine samples contained >1 opt (31.25 g/t) Ag up to 17.8 opt (557 g/t) Ag. Little additional work in the way of mapping and sampling is required prior to drilling this prospect. **ProDeMin recently sampled 1130 g/t Ag with 3.72% Pb for 1278 g/t AgEq.**

## 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  $\geq 1$ m. 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.

## Carbonate Replacement Targets

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.



# Pino de Plata Project

## Geological Target Types - Epithermal

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### El 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** and up to **17.8 oz/t (557 g/t) Ag.**



**Terrero Vein sampled in 2019 by ProDeMin 1130 g/t Ag with 3.72% Pb for 1278 g/t AgEq**



# Pino de Plata Project

## 2019 Report Summary

TSX Venture: SSE

- **Twelve targets were identified for immediate Phase I drill testing.**
- Gossans in the Gossan zone, skarn/replacements at Santa Elena, the El Terrero mine target, the la Perla vein and associated alteration zone, the Santa Clara vein, the Theodora vein, the Sierpe veins and associated alteration, and the newly defined Muro vein.
- Based on field observations, El Terrero and Gossan are large targets with potential for encountering wide zones of mineralization. Both areas exhibit strong iron oxides after original sulfide minerals.
- The Terrero target is a relatively flat-lying body that appears to consist of multiple structures associated with strong argillic alteration and abundant iron oxides and jarosite.
- Surface exposures and dumps have yielded high silver and base metal values, and similar assays were reported by the government geological survey from underground workings.

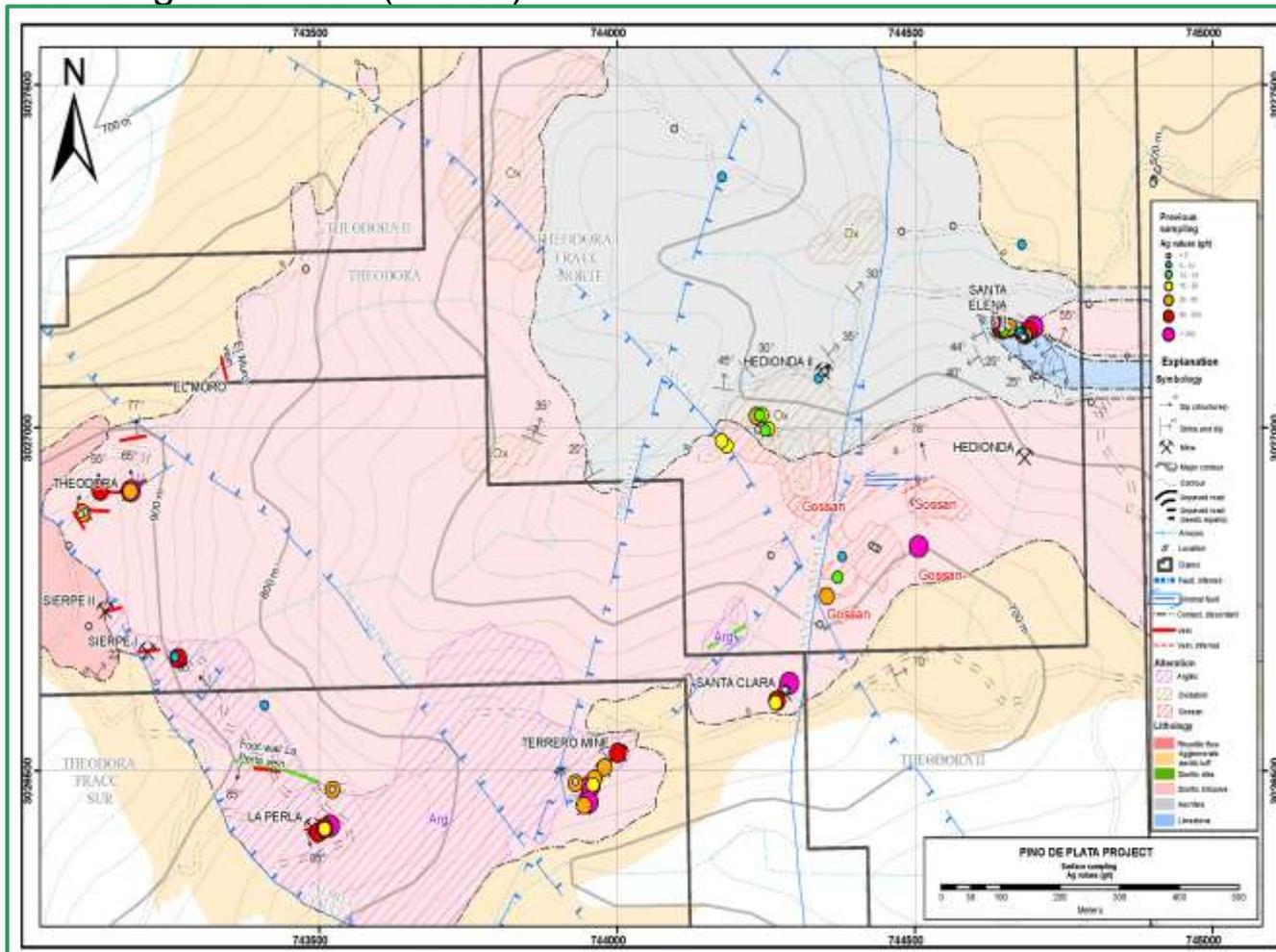


# Pino de Plata Project

## Geochemistry Map 5K

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Historical analysis reported by property owner and Servicio Geologico Mexicano (SGM) – quantitative assay and multi-element analysis showing Ag values as proportional symbol ranges for rock (circles).

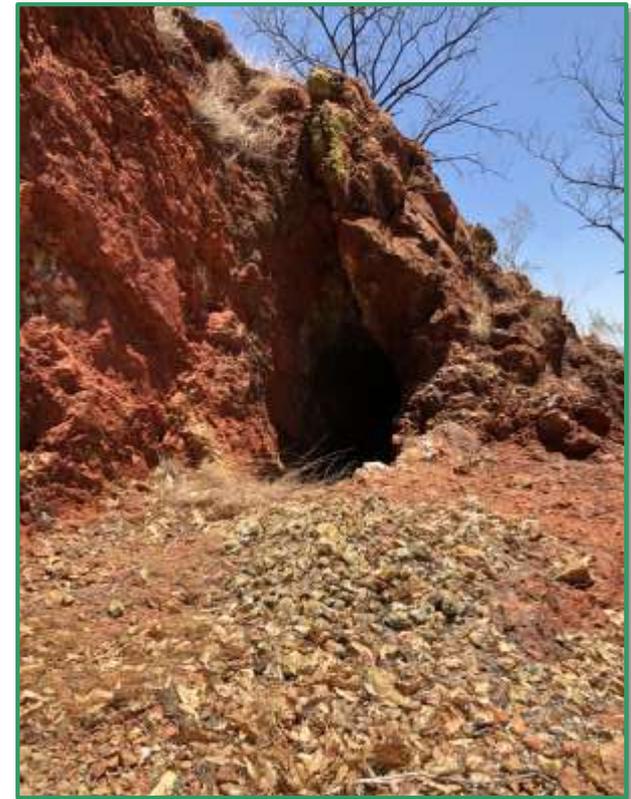


# Pino de Plata Project

## 2019 Drilling Program Overview

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- 30 fully permitted drill pad locations
- 12 drill holes in Phase I totaling 2000-2500 m
- Road accessible to all targets
- Drilling to test El Terrero, La Perla, Sierpe, Muro, Santa Elena, Theodora, Santa Clara, Hedionda
- Drilling to test Gossan Zone
- Geological work to be conducted by ProDeMin
- Drilling contract awarded to ECODRILL
- Samples to be analysed by ALS Global
- **Drilling in June 2019**



Workings at the La Perla Vein

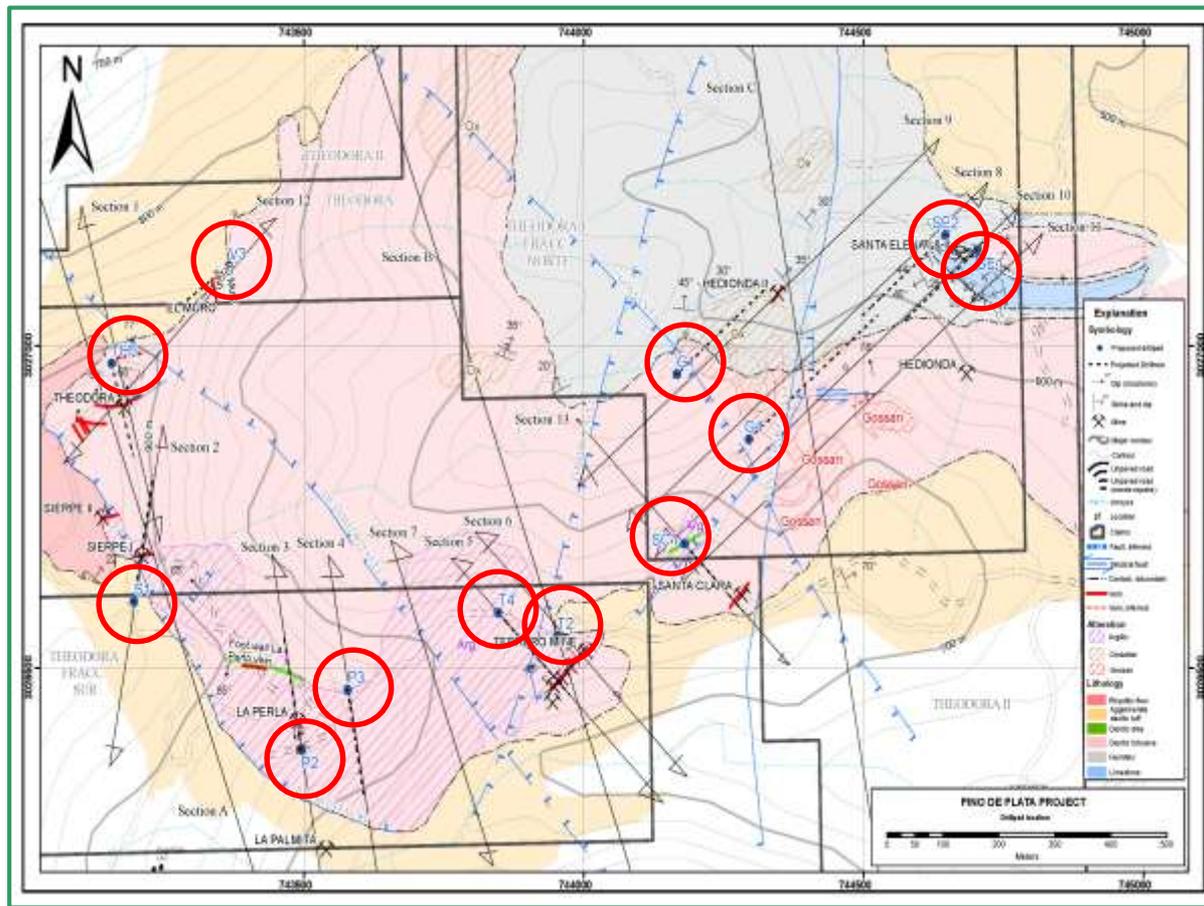


# Pino de Plata Project

## 2019 Drilling Program Review

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- Geological map with section lines and twelve (12) proposed 2019 drill pads (dark blue symbols circled in red), collar location, azimuth and orientation, and projected depth showing distribution across property.

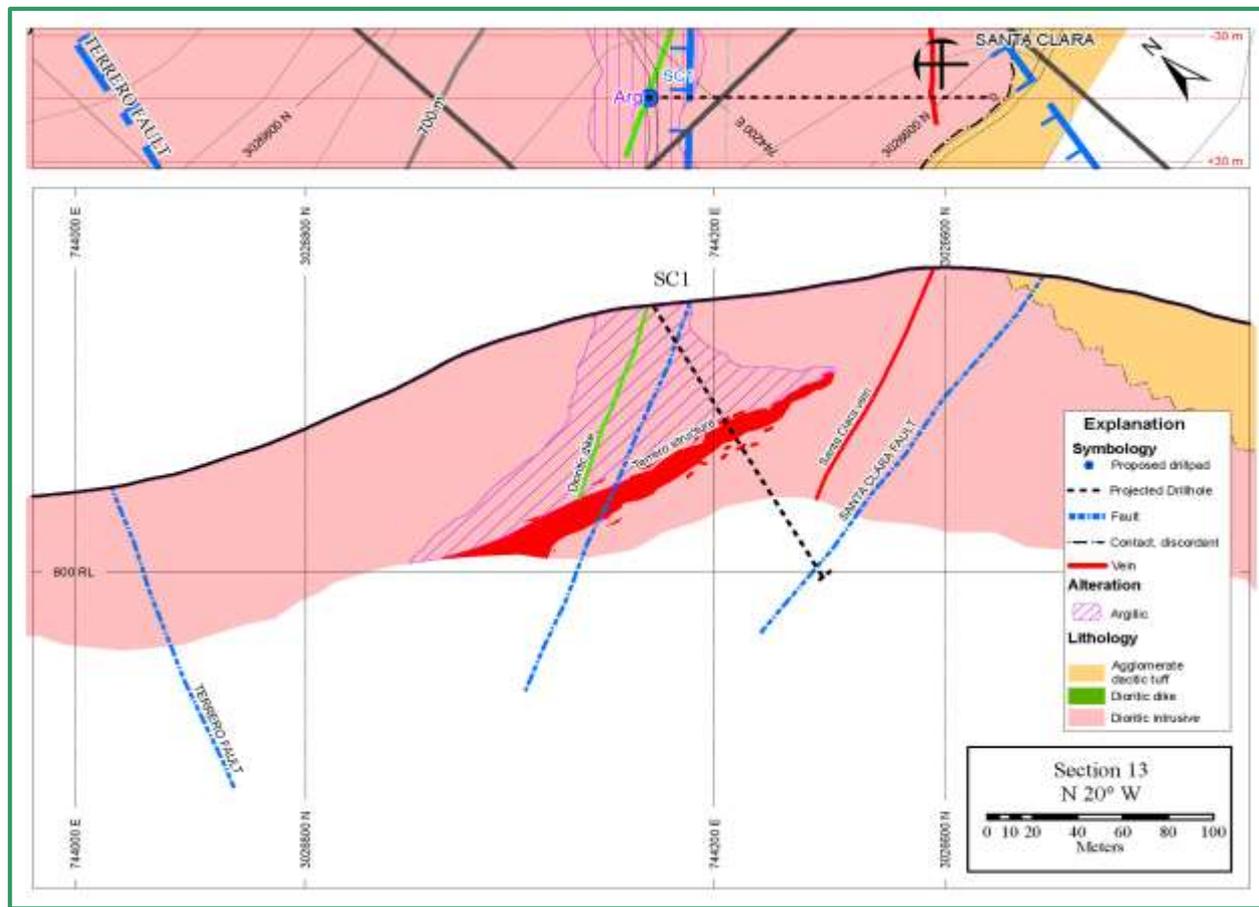


# Pino de Plata Project

## Plans and Sections for 2019 Drilling 5K

TSX Venture: SSE

- Geological Plan View and Schematic Cross-section #13 N20°W located to test the shallow northwesterly-dipping El Terrero breccia structure (DDH SC1), northeast of the El Terrero surface workings, and extend at depth to the projected Santa Clara vein below the Santa Clara surface workings. Sulphides and strong argillic alteration.

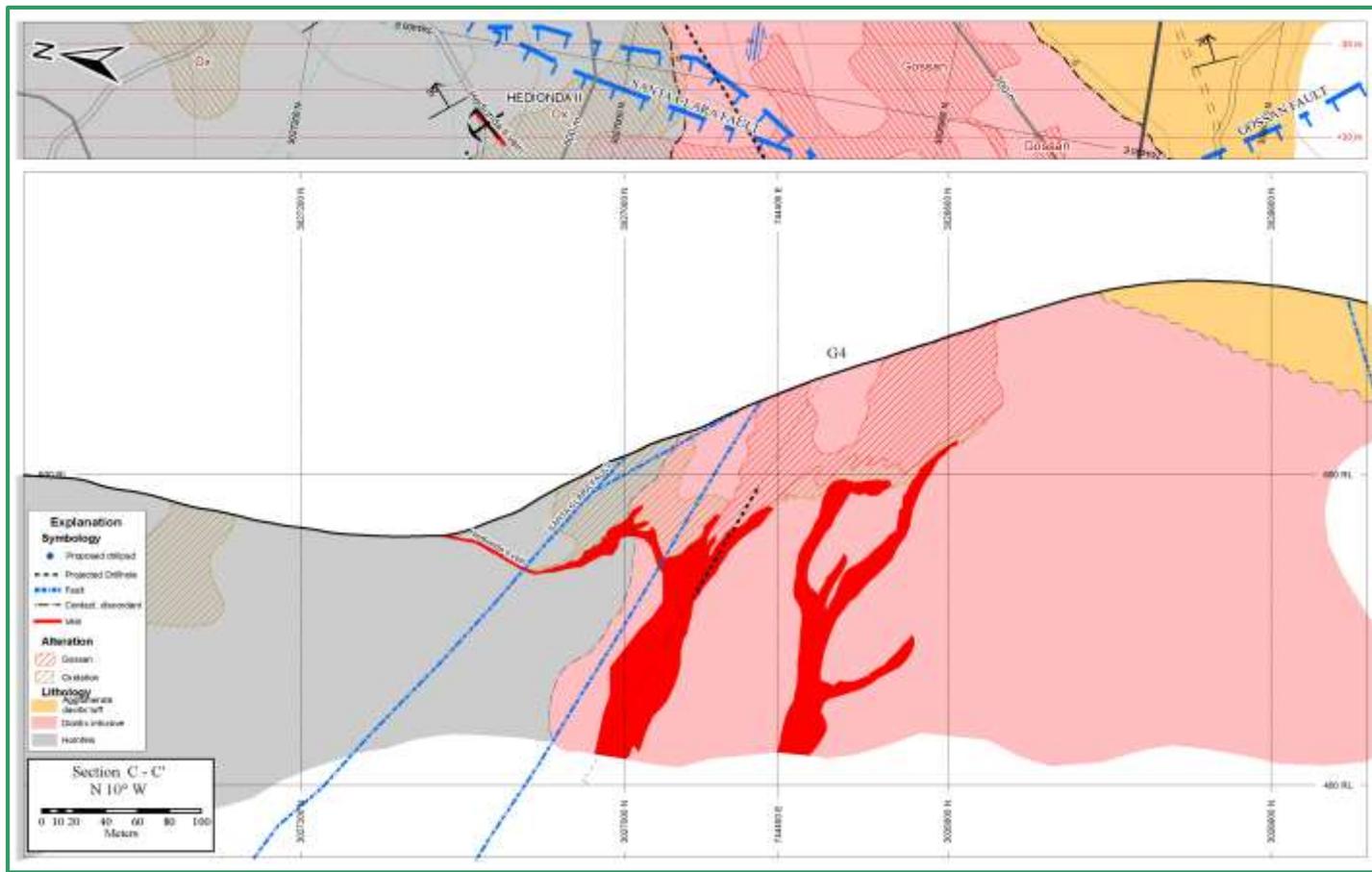


# Pino de Plata Project

## Plans and Sections for 2019 Drilling 5K

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- Geological Plan View and Schematic Cross-section C N10°W is oriented 60° oblique to sections #8 and #10 and is located to transect the Gossan zone (DDH G4) and projected oxidized sulphide zone near the Santa Clara Fault and the Hedionda II vein.



# Pino de Plata Project

## Project Investment Review

TSX Venture: SSE

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View northeast over Pino de Plata in foreground toward Palmarejo Mine



# Silver Spruce Resources Inc.

TSX Venture: SSE



**TSX Venture: SSE**

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