



**SouthernSilver**  
EXPLORATION CORP

Corporate  
Presentation  
September 2017

SSV: TSX-V  
SEG1: FSE  
SSVCL: SSEV  
SSVFF: OTCQB

# Forward Looking Statement

Some of the statements contained in this presentation may be deemed “forward-looking statements.” These include estimates and statements that describe the Company’s future plans, objectives or goals, and expectations of a stated condition or occurrence.

Forward-looking statements may be identified by the use of words such as “believes”, “anticipates”, “expects”, “estimates”, “may”, “could”, “would”, “will”, or “plan”. Since forward-looking statements are based on assumptions and address future events and conditions, by their very nature they involve inherent risks and uncertainties.

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The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of the contents of this presentation, that has been prepared by management.

Robert Macdonald, MSc., PGeo. is the General Manager of Exploration for Southern Silver and is the Qualified Person responsible for the supervision and preparation of the technical information in this disclosure.

# Corporate Information

## Capital Structure

Current Share Price	<b>\$0.40</b>
Market Cap	<b>\$38,046,779</b>
Shares Outstanding	<b>95,116,948</b>
Stock Options	<b>6,150,700</b>
Share Purchase Warrants	<b>52,858,888</b>
Fully Diluted	<b>154,233,886</b>

*As at September 15, 2017*

## Warrant Table

Expiry Date	Exercise Price	Warrants	
		Outstanding	Proceeds
4-Mar-20	\$0.08	1,259,295	\$100,744
5-Mar-20	\$0.08	15,884,593	\$1,270,767
11-Mar-20	\$0.08	1,810,000	\$144,800
26-Jun-20	\$0.15	9,000,000	\$1,350,000
4-Mar-21	\$0.08	6,000,000	\$480,000
8-Apr-21	\$0.08	2,300,000	\$184,000
19-May-21	\$0.15	9,062,500	\$1,359,375
13-Jun-20	\$0.55	6,372,500	\$3,504,875
31-Aug-20	\$0.55	1,170,000	\$468,000
<b>Total</b>		<b>52,858,888</b>	<b>\$5,357,686</b>

## Ownership

Management & Associates	<b>~10.0%</b>
Electrum Global Holdings L.P.	<b>~37.2%</b>

## Senior Management

**Lawrence Page, QC**  
President, Director

**Graham Thatcher**  
Chief Financial Officer

**Robert Macdonald**  
VP Exploration

**Jay Oness**  
VP Investor/Corp. Relations

## Contact Information

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# Southern Silver Exploration Corp.

## Projects - People - Partners

### District-Scale Exploration Projects

#### Cerro Las Minitas, Durango Mexico

- Advanced **Ag-Pb-Zn** project with a significant mineral resource base and continued exploration upside
- **2016 Mineral Resource Estimate (150g/t AgEq cut-off)<sup>1</sup>:**
  - Indicated - **36.5Mozs AgEq**: 10.8Mozs Ag, 189Mlbs Pb and 207Mlbs Zn; and
  - Inferred - **77.3Mozs AgEq**: 17.5Mozs Ag, 237Mlbs Pb and 626Mlbs Zn

#### Oro Project, New Mexico

- Large Laramide **Cu-Au-Mo** Porphyry system with an adjacent near surface, drill-ready gold target
- 2016 RC drill program identified bulk-tonnage gold target; Follow-up program RC program planned for Fall'17



Notes:

1. Parameters for the Mineral Resource Estimate are described NR-04-16; March 21, 2016

2. The exploration target is conceptual in nature and relies on projections of mineralization that are beyond the standard CIM classification of mineral resources and should not be relied on as a mineral resource estimate

# Southern Silver Exploration Corp.

## The Right People

Southern Silver features an experienced Board of Directors and a strong management team with an extensive track record of exploration, discovery and development success.

### **Lawrence Page, LL.B, QC – President**

- Director and Officer of a number of public prominent exploration and mining companies
- Major Projects and Mines: Penasquito, Mexico; Hemlo and Eskay Creek, Canada

### **Larry Buchanan, PGeo, PhD – Director**

- Chief Consulting Geologist, Electrum Group
- Major Projects and Mines: San Cristobal, Bolivia

### **Eugene Spiering, PGeo – Director**

- Served as VP Exploration of Quaterra Resources Inc. and Rio Narcea Gold Mines
- Major Projects and Mines: El Valle and Aguablanca, Spain

### **Peter Cheesbrough, CA, – Director**

- President, Exploration Division, Electrum Group
- Served as CFO, Echo Bay Mines

### **Roger Scammell – Director**

- Served as President Scorpio Mining Corporation and VP Exploration of Tamaka Gold Corporation
- Major Projects and Mines: San Nicolas, El Limon and Nuestra Senora, Mexico

### **Donald R. Head, B.A., LL.B, – Director**

- Founder, former President and CEO of Capital Titles Group Inc.

### **Nigel Bunting, – Director**

- Served as director Suffolk Life Pensions Ltd.

# Southern Silver Exploration Corp.

## The Right Partner

**Electrum Global Holdings L.P.** is a privately owned company that holds a large and diversified global portfolio of investments in precious metals exploration and development projects. Pursuant to the terms of the May, 2015 agreement, Electrum (60%) and Southern Silver (40%) have entered into a Joint Venture partnership in the +265 sq.km Cerro las Minitas property.

**Electrum also has significant interest in the following Companies that retain substantial ownership in the following projects:**

- **NovaGold** – Donlin Gold Project, Alaska; 50% Interest in Galore Creek Project, BC
- **Trilogy Metals** – Focused on the Upper Kobuk Mineral Projects, high-grade copper-zinc-lead-gold-silver properties in Northwest Alaska
- **Wellgreen Platinum** – 100% interest in the Wellgreen Project, Yukon
- **Sunshine Silver Mining and Refining** – Sunshine Mine, Idaho; Los Gatos Project, Chihuahua, Mexico
- **Kaminak Gold** – 100% interest in the Coffee Gold Project, Yukon; Company sold to Gold Corp for C\$520M June 2016

### **Dr. Thomas S. Kaplan – Chairman/CIO, The Electrum Group of Companies**

- Founded Apex Silver mines in 1993; discovered/financed the San Cristobal, Ag-Zn deposit in Bolivia
- Co-founded Leor Exploration & Production LLC in 2003; sold to Encana Oil
- Chairman of the Board of Directors, NovaGold

### **Peter Cheesbrough - CA, - Director, Southern Silver**

- President of the Exploration Division of the Electrum Group LLC.
- Past Chief Financial Officer of Echo Bay Mines and ZeaChem
- Executive VP and CFO for CIBER, a NYSE listed global information technology consulting, services and outsourcing company

### **Dr. Larry Buchanan – P.Geo., PhD, - Director, Southern Silver**

- Chief Consulting Geologist of the Electrum Group LLC.
- Key role in the discovery of the **San Cristobal Mine, Bolivia**; Developed “**The Buchanan Model**” for exploration of epithermal deposits
- Awarded the Thayer Lindsley Award from the Prospectors and Developers Association of Canada

# Southern Silver Exploration Corp.

## Event Timeline

### Geological Milestones

- Feb 2011 – Start of Exploration on Cerro Las Minitas
- Jun 2011 – Discovery of HG mineralization at the Blind Zone
- Jun 2012 – 62 drill holes – 15,540m completed; Blind zone extended to 800m strike length, tested to 300m depth
- Jul 2013 – Discovery of Deep, HG Zn-rich mineralization at depth in the Blind Zone
- Nov 2014 – 75 drill holes – 23,310m completed
- Jul 2015 – Starts Electrum funded exploration: \$5M – 15,000+m drilling (continues through 2017)
- Mar 2016 – announces Initial Mineral Resource. 87 drill holes – 32,410m completed
- Oct 2016 – Electrum accelerates earn-in; 2M – 10,000+m program
- Sept 2017 – 107 Drill holes – 49,430m completed
- Identification and delineation of Skarn Front Deposit
- Two new drill ready targets identified for immediate follow-up

US\$  
(Acq/Expln)

2011

2012

2013  
(\$4.5M)

2014

2015  
(\$9.7M)

2016  
(13.3M)

2017  
(\$15.5M)

- Dec 2010 – SSV Option Cerro Las Minitas
- Oct 2012 – Signs earn-in with Freeport-McMoRan
- Sep 2014 – Freeport relinquishes option; 10:1 share consolidation
- Nov 2014 – SSV completes purchase of CLM (US\$4.2M)
- Mar 2015 – Electrum signs earn-in to acquire 60% indirect interest in CLM for \$5M in exploration over 4yrs and acquires a 38% equity interest in SSV
- Nov 2015 – Electrum earns 20% indirect interest in CLM
- Mar 2016 – Completes CAD\$0.38M financing (@0.05)
- May 2016 – Completes CAD\$1.1M financing (@0.10)
- Jul 2016 – Starts trading on OTCQB
- Dec 2016 – Electrum earns 60% indirect interest

### Corporate Milestones

# Cerro Las Minitas – 2016 Resource Estimate

**2016 Mineral Resource Estimate** - as of March 21<sup>st</sup>, 2016 using a 150g/t AgEq cut-off;

**Indicated - 36.5Mozs AgEq:** 10.8Mozs Ag, 189Mlbs Pb and 207Mlbs Zn; and

**Inferred - 77.3Mozs AgEq:** 17.5Mozs Ag, 237Mlbs Pb and 626Mlbs Zn

Indicated													
Zone	Tonnes (Kt)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Cu (%)	AqEq (g/t)	Ag (oz's '000s)	Au (oz's '000s)	Pb (Mlbs)	Zn (Mlbs)	Cu (Mlbs)	AqEq Oz ('000s)
Blind Zone	2,641	99	0.07	2.40	2.10	0.10	303	8,442	5.7	139.4	123.3	6	25,720
El Sol Zone	1,083	69	0.02	2.10	3.50	0.09	311	2,392	0.6	49.8	83.6	2	10,812
<b>Total</b>	<b>3,724</b>	<b>90</b>	<b>0.05</b>	<b>2.30</b>	<b>2.50</b>	<b>0.09</b>	<b>305</b>	<b>10,834</b>	<b>6.3</b>	<b>189.2</b>	<b>206.9</b>	<b>8</b>	<b>36,532</b>

Inferred													
Zone	Tonnes (Kt)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Cu (%)	AqEq (g/t)	Ag (oz's '000s)	Au (oz's '000s)	Pb (Mlbs)	Zn (Mlbs)	Cu (Mlbs)	AqEq Oz ('000s)
Blind zone	2,863	91	0.28	1.60	3.90	0.21	364	8,370	25.9	98.0	249.0	13.1	33,498
El Sol Zone	2,909	71	0.09	1.90	4.10	0.11	339	6,594	8.6	121.8	264.4	7.2	31,719
Santo Nino Zone	839	95	0.03	0.90	6.10	0.47	446	2,568	0.8	17.5	113.0	8.6	12,036
<b>Total</b>	<b>6,611</b>	<b>82</b>	<b>0.17</b>	<b>1.60</b>	<b>4.30</b>	<b>0.20</b>	<b>363</b>	<b>17,533</b>	<b>35.4</b>	<b>237.3</b>	<b>626.4</b>	<b>29.0</b>	<b>77,252</b>

*Notes:*

1. The current Resource Estimate was prepared by Garth Kirkham, P.Geo., of Kirkham Geosystems Ltd.
2. CIM definitions were followed for classification of Mineral Resources
3. Mineral resources were constrained using mainly geological constraints and approximate 10g/t AgEq grade shells
4. The 150g/t AgEq cut-off value was calculated using average long-term prices of \$15/oz silver, \$1,100/oz gold, \$2.75/lb Copper, \$0.90/lb lead and \$0.90/lb zinc and metal recoveries of 82% silver, 86% lead, 80% copper and 80% zinc. All prices are stated in \$USD.
5. Contained metal calculations assume 100% recoveries.
6. Mineral resources are not mineral reserves until they have demonstrated economic viability. Mineral resource estimates do not account for a resource's mineability, selectivity, mining loss, or dilution.



# Cerro Las Minitas – Exploration Results

## Blind – El Sol – Skarn Front - Highlight Intercepts

Hole No.	From m	To m	Interval m	Est. Tr. Thk. m	Ag g/t	Au g/t	Cu %	Pb %	Zn %	AgEq g/t
<b>BLIND ZONE</b>										
11CLM-008	168.4	179.3	10.9	5.0	268	0.1	0.0	4.5	3.8	659
inc.	169.6	171.4	1.8	0.9	1400	0.3	0.0	19.7	14.5	2996
12CLM-056	12.7	18.4	5.7	4.0	335	0.1	0.8	16.3	4.5	1405
inc.	13.6	17.8	4.2	2.9	409	0.1	1.0	20.5	4.0	1680
13CLM-066	88.4	97.5	9.2	3.1	401	0.1	0.1	8.5	5.1	1045
inc.	92.9	97.5	4.6	1.6	727	0.2	0.1	13.5	7.0	1693
inc.	92.9	95.0	2.1	0.7	1190	0.2	0.0	21.6	13.0	2791
15CLM-023A	284.7	299.5	14.8	10.1	231	0.3	0.2	4.5	3.7	652
inc.	284.7	286.0	1.3	0.9	891	0.6	0.1	11.3	5.7	1730
15CLM-081	575.3	582.9	7.6	4.0	43	1.1	0.3	0.5	2.8	325
inc.	577.6	578.9	1.4	0.7	50	5.3	0.4	0.2	1.1	580
and inc.	581.6	582.9	1.3	0.7	73	0.0	1.1	0.1	10.2	691
17CLM-101	229.9	247.4	17.6	12.5	154	2.0	0.2	3.2	3.9	657
inc.	229.9	232.9	3.0	2.1	269	0.9	0.8	4.7	5.6	912
and inc.	235.4	241.0	5.7	4.0	261	4.0	0.2	6.0	6.9	1177
17CLM-105	356.9	367.8	10.9	6.8	194	0.8	0.1	4.4	2.0	561
inc.	356.9	360.1	3.3	2.0	551	0.8	0.2	11.9	4.7	1407
<b>EL SOL ZONE</b>										
11CLM-006	215.5	223.3	7.8	4.2	221	0.1	0.1	6.2	2.1	622
inc.	221.5	223.3	1.8	1.0	650	0.4	0.1	16.0	0.8	1466
11CLM-027	0.6	25.4	24.8	9.3	124	0.0	0.1	1.9	2.1	319
inc.	9.0	11.8	2.8	1.1	404	0.0	0.0	1.4	2.5	584
12CLM-044	57.6	83.6	26.1	17.3	67	0.0	0.1	2.8	3.3	362
inc.	78.3	80.7	2.5	1.6	153	0.1	0.1	6.3	7.5	801
12CLM-046	145.1	151.5	6.4	3.8	75	0.0	0.3	2.7	3.7	408
inc.	147.7	150.1	2.4	1.4	98	0.0	0.2	3.7	7.9	652

Hole No.	From m	To m	Interval m	Est. Tr. Thk. m	Ag g/t	Au g/t	Cu %	Pb %	Zn %	AgEq g/t
<b>SKARN FRONT ZONE</b>										
11CLM-006	410.5	411.3	0.7	0.4	162	0.0	0.4	2.1	10.4	786
11CLM-006	424.2	427.9	3.7	2.2	184	0.0	2.0	0.3	18.4	1312
15CLM-023A	625.9	627.5	1.6	1.1	100	0.0	0.0	5.2	5.9	607
15CLM-023A	677.0	685.4	8.4	5.7	143	0.1	0.3	1.2	6.2	524
inc.	681.9	685.4	3.5	2.4	263	0.1	0.3	2.4	12.2	980
11CLM-025	488.9	499.7	10.8	6.9	182	1.0	0.5	1.6	6.4	691
inc.	493.6	496.0	2.4	1.5	534	0.1	1.8	4.6	14.2	1648
15CLM-081	616.1	632.9	16.8	8.7	136	0.0	0.5	0.3	4.5	427
inc.	616.1	625.1	9.0	4.7	167	0.0	0.7	0.4	8.2	662
15CLM-081	645.2	654.3	9.1	4.7	24	0.0	0.3	0.0	3.9	241
inc.	650.8	654.3	3.5	1.8	36	0.0	0.5	0.0	8.8	513
16CLM-088	683.7	714.0	30.4	29.5	107	0.1	0.4	1.1	2.3	325
inc.	683.7	691.0	7.3	7.1	190	0.1	0.4	3.4	5.5	661
16CLM-091	662.8	677.9	15.1	14.8	39	0.0	0.0	0.1	10.2	519
inc.	667.5	672.3	4.8	4.7	39	0.0	0.1	0.1	23.2	1120
17CLM-094	788.8	802.9	14.1	9.9	49	0.0	0.0	0.3	3.6	226
inc.	794.2	798.6	4.4	3.1	92	0.0	0.0	0.4	7.1	440
17CLM-095	691.3	700.3	9.0	8.0	602	0.1	0.0	7.1	17.9	1756
inc.	693.0	696.3	3.4	3.0	981	0.1	0.1	11.7	26.4	2736
17CLM-098	1086.5	1101.0	14.5	8.7	288	0.0	2.0	0.8	1.2	660
inc.	1092.6	1096.7	4.1	2.5	686	0.1	3.7	1.0	1.7	1316
inc.	1095.4	1096.7	1.3	0.8	1415	0.1	5.6	1.6	1.9	2348
17CLM-098	1107.3	1109.1	1.8	1.1	406	0.1	3.8	0.6	0.6	984
17CLM-101	452.5	462.6	10.1	9.2	220	0.0	0.3	3.6	5.4	682
inc.	456.9	459.2	2.3	2.1	373	0.1	0.9	7.4	10.3	1308
17CLM-105	507.6	513.2	5.5	5.4	181	0.1	0.2	0.8	0.7	291
inc.	510.6	513.2	2.5	2.5	318	0.1	0.4	1.4	0.8	482

Notes:

1. Composites utilize a 150g/t AgEq cut-off and metal prices as follows: \$1150/oz Au, \$15/oz Ag, \$1/lb Pb \$1/lb Zn and \$3/lb Cu

# Cerro Las Minitas

## Durango, Mexico

Located in the Prolific Faja de Plata of North-Central Mexico with Excellent Infrastructure

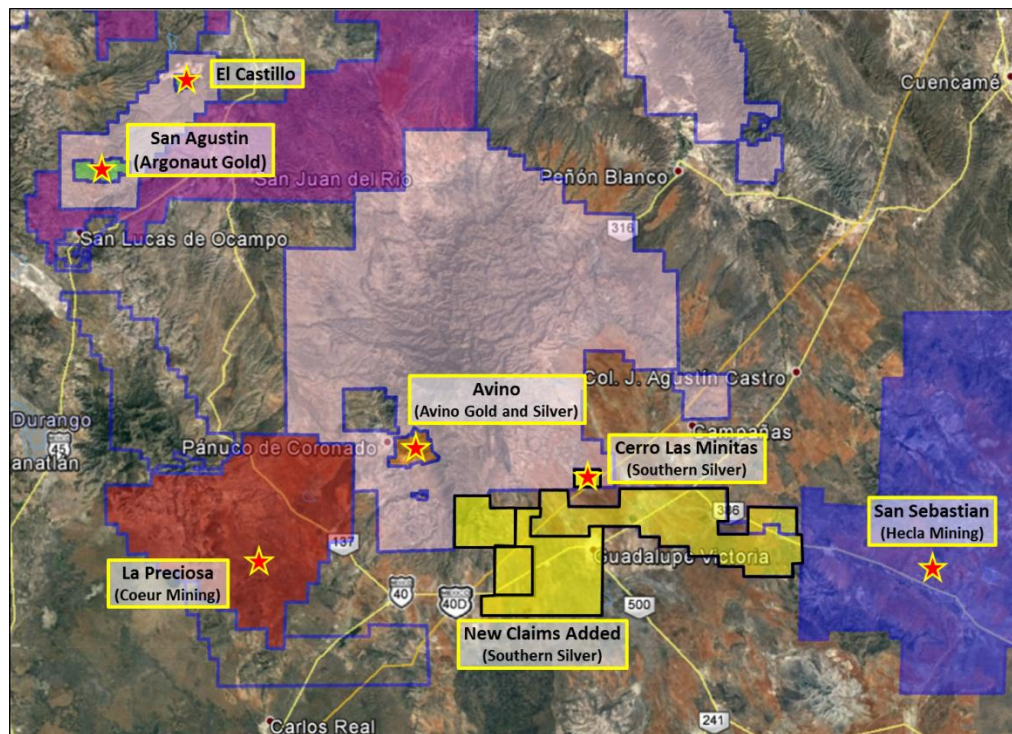
### Project Achievements (2011-2017)

- Identified two high-grade Ag-Pb-Zn deposits with compliant 43-101 Mineral Resource Estimates of (150g/t AgEq cut-off)<sup>1</sup>:
  - **Indicated** - 36.5Mozs AgEq: 10.8Mozs Ag, 189Mlbs Pb and 207Mlbs Zn; and
  - **Inferred** - 77.3Mozs AgEq: 17.5Mozs Ag, 237Mlbs Pb and 626Mlbs Zn
- **Resource Update Pending**
- **Next Milestone:** +20Mt grading 80-120 g/t Ag and 4-8% Pb/Zn (+200Mozs AgEq)
- Identified a new high-grade Ag/Zn/Pb deposit at depth beneath the known Mineral Resource (**Skarn Front Deposit**) - Two new targets identified on-strike from known deposits
- Property expansion with several new precious metal target areas identified in regional surface exploration
- 107 Drill holes – 49, 600 metres completed
- \$15.5M spent in acquisition and exploration with a discovery cash cost of \$0.13/oz. AgEq (to end of 2016)



# Cerro Las Minitas - Infrastructure

## Superior Location and Infrastructure



### Legend

	Southern Silver Exploration Corp.
	Avino Silver and Gold Mines Ltd.
	Hecla Mining Company
	Silver Standard Resources Inc.
	Coeur Mining Inc.
	Argonaut Gold Inc.
	Peñoles Mining Company
	Mine/Significant Deposit

- New claims added in 2017; On trend with Avino Ag-Au Mines; adjacent to the San Sebastian Mine
- Property is now 265 sq km, in a prolific mining region
- Located 70km NE of Durango (pop. ~600,000); highway/road and power access
- **Big Companies are our neighbors; Peñoles, Silver Standard, Coeur, Hecla, Avino**



# Cerro Las Minitas

## Permitting and Community Relations

- Currently in the first year of a 5 year Exploration- Environmental permit (Semernat)
- Currently in our 2<sup>nd</sup> year of 25 year Exploration Agreements in the local Ejido – Guadalupe Victoria and Ignacio Ramirez
- Secured surface rights for two 5ha parcels in the area of the Cerro
- Pro-active consultation with the State authorities including Gov. José Rosas Aispuro and Minister Ing. Ramon Davila

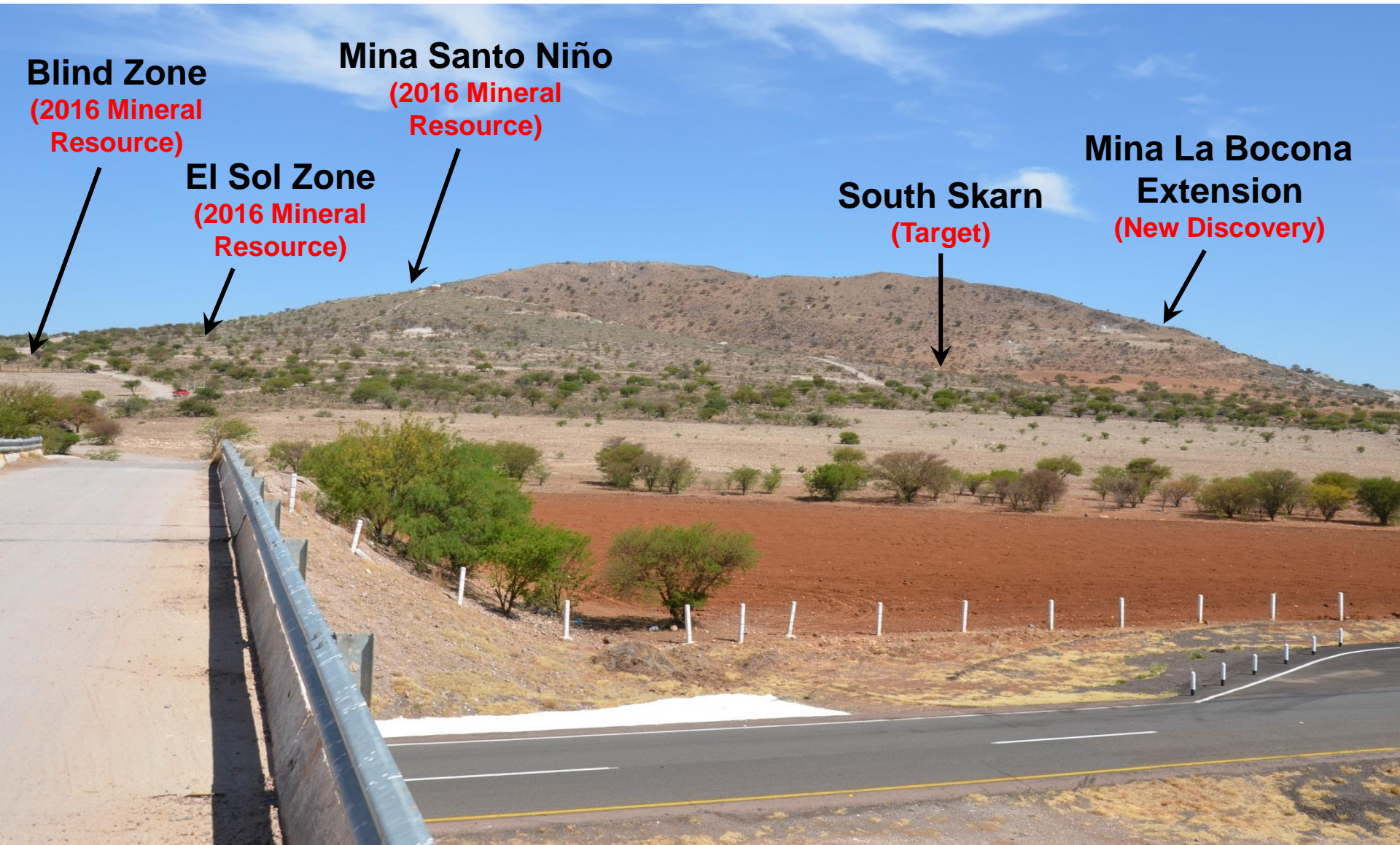


Project Manager Juan Lopez with representatives of the Ejido Guadalupe Victoria



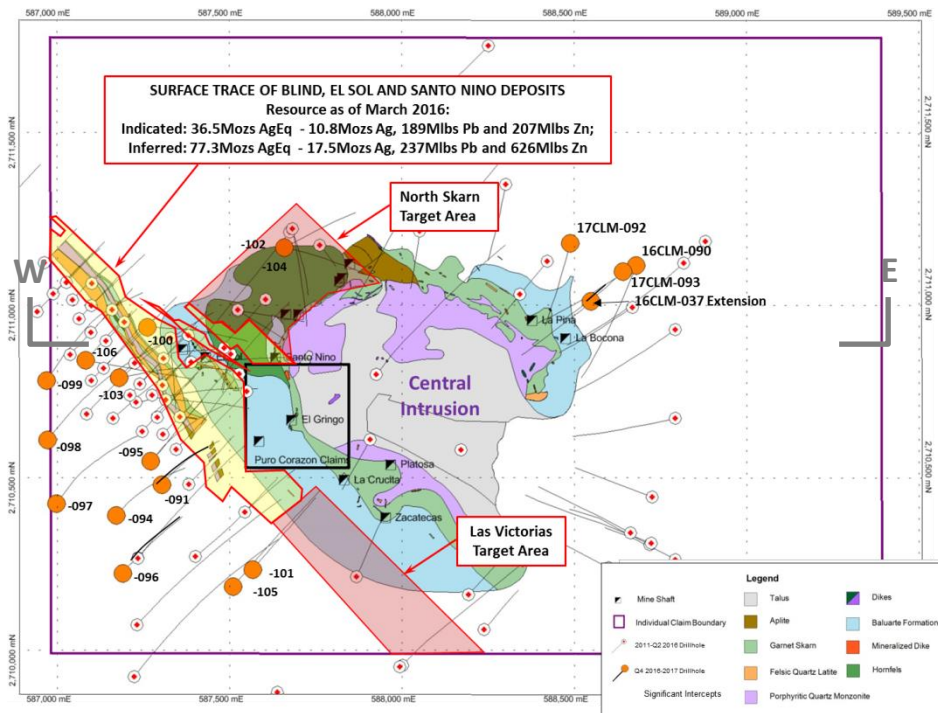
# Cerro Las Minitas - Overview

Looking North from the Autopista (Highway)



# Cerro Las Minitas – Exploration and Discovery

## Project Growth Through Expanding Deposits and New Discoveries



CLM is a Ag-Pb-Zn CRD/Skarn system hosted in Cretaceous sediments and similar to major deposits like:

- San Martin (Grupo Mexico)
- La Parrilla (First Majestic)
- Naica (Peñoles)
- Valerdena (Peñoles)

### Components of Discovery:

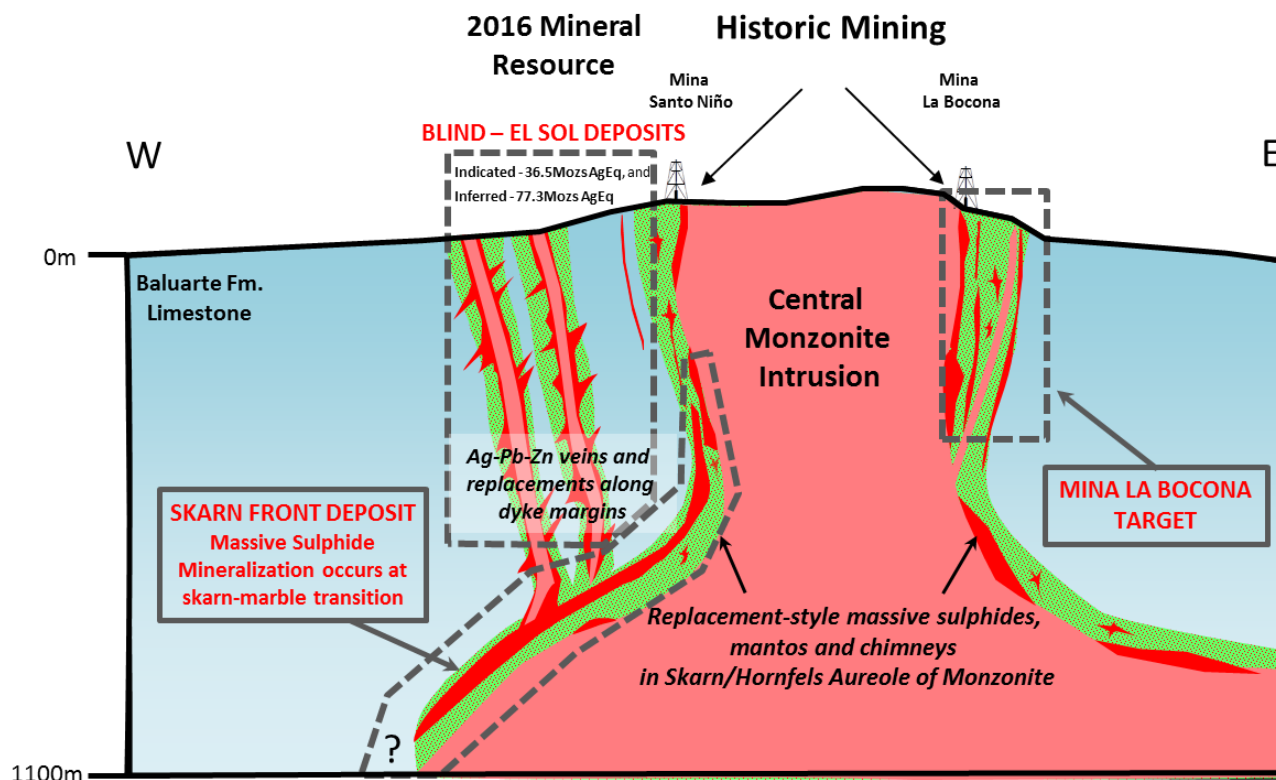
- Central Monzonite Intrusion acts as the heat pump to the mineralizing system
- Historic Mines are localized in the skarn/ hornfelsed margin of the monzonite
- First SSV discovery in 2011 is located outboard and to the west of the monzonite; this becomes the Blind and El Sol
- 2016-17 Drilling: identification of the Skarn Front Deposit and the North Skarn and Las Victorias Targets

**2016-17 Drilling identified a new high-grade zone at depth beneath the Blind and El Sol deposits and two new exploration targets along strike**

1. The exploration target is conceptual in nature and relies on projections of mineralization that are beyond the standard CIM classification of mineral resources and should not be relied on as a mineral resource estimate

# Cerro Las Minitas

## Schematic Cross-Section of Metal Zoning and Deposit Types

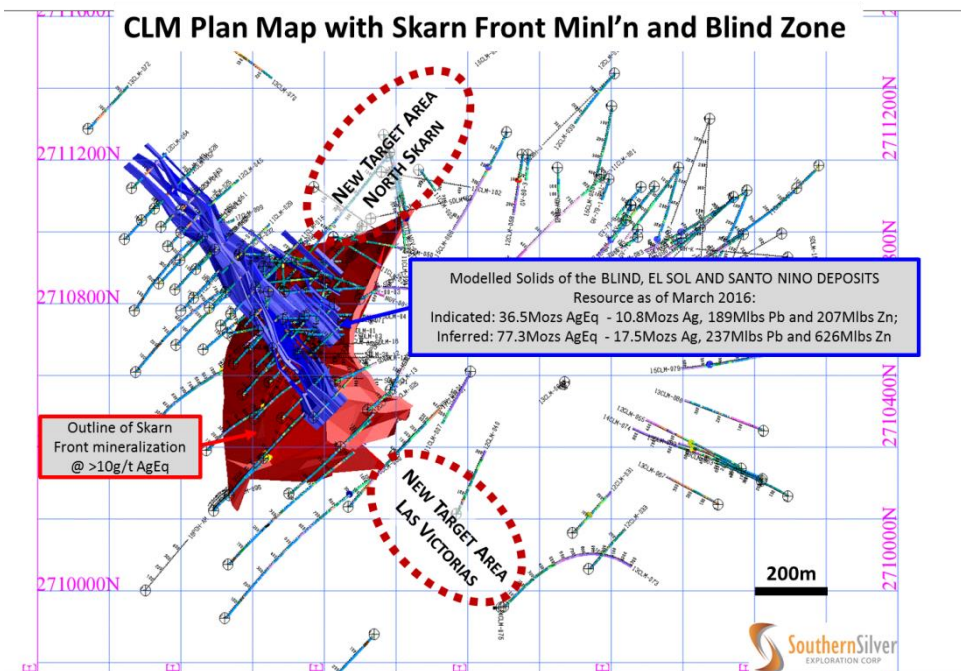


- Mineralization is localized in sub-vertical structures and on dyke margins in the Blind and El Sol deposits; and
- As semi-massive and massive sulphide lenses at the marble-skarn transition adjacent to the monzonite contact in the **Skarn Front Deposit**



# Cerro Las Minitas – 2017 New Deposit

## New Mineralized Zone Established at the Skarn Front



## 2016-17 New Skarn Front Deposit

- Drilling has currently outlined the 800m x 600m Skarn Front Deposit which could significantly increase the present Mineral Resource Estimate

## Encouraging Results – Offsets High-grade Ag-Pb-Zn Mineralization

- 16CLM-088: 30.35m avg 107g/t Ag, 0.4% Cu, 1.1%Pb, and 2.3% Zn
- 16CLM-091: 15.18m avg 39.4g/t Ag, 0.1% Pb and 10.2% Zn
- 17CLM-095: 9.0m avg 601.6g/t Ag, 7.1% Pb and 17.9% Zn
- 17CLM-098: 14.5m avg 288g/t Ag, 2.0% Cu, 0.8% Pb and 1.2% Zn

The intersection of the NW-trending mineralized structures (eg: Blind and El Sol zones) and the NE-trending Skarn Front may localize high-grade mineralized shoots

### Notes:

1. The exploration target is conceptual in nature and relies on projections of mineralization that are beyond the standard CIM classification of mineral resources and should not be relied on as a mineral resource estimate



# Cerro Las Minitas –Metallurgical Testwork

## Dual Concentrates – Robust Recoveries



**Preliminary test results produced high-grade lead and zinc concentrates from mined material in the Blind Zone.**

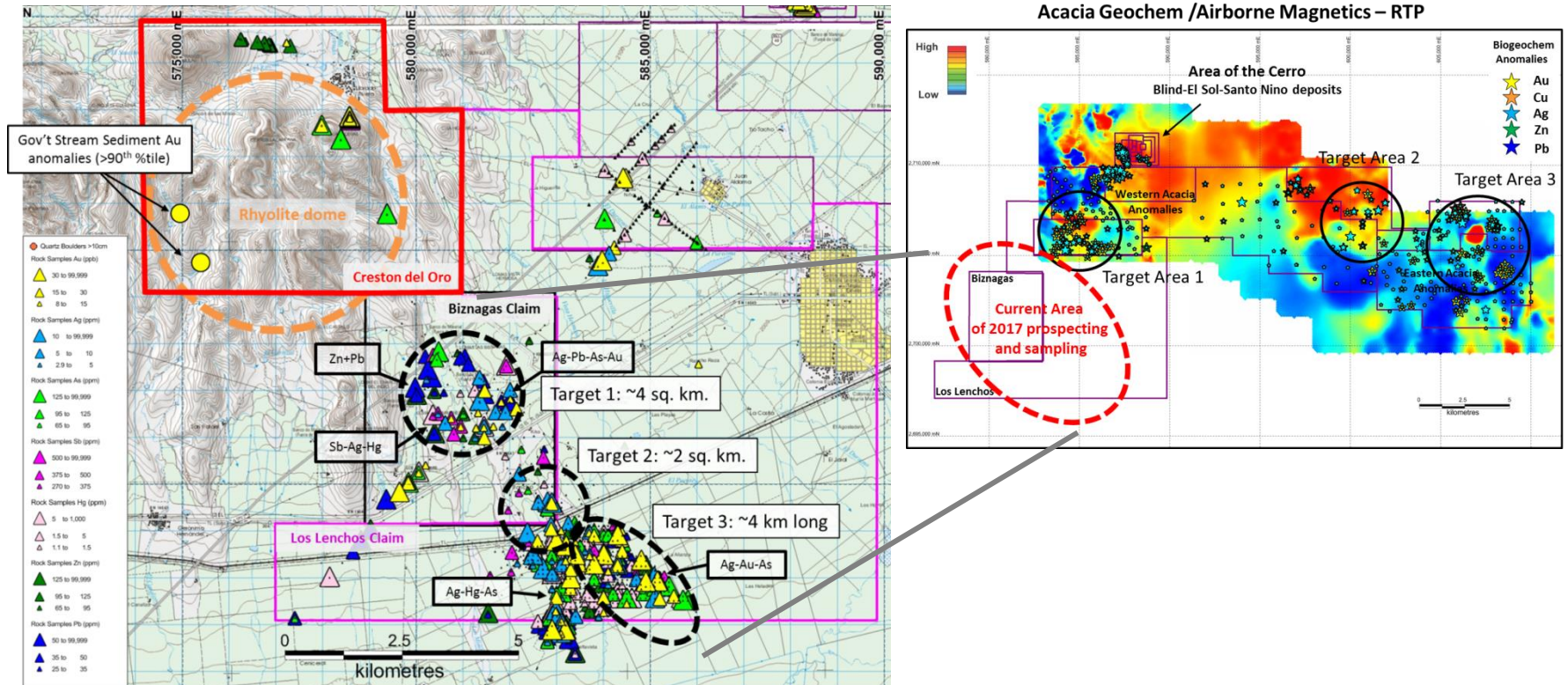
### **Recoveries:**

- Lead Concentrate: 82% Ag, 86% Pb and 12% Zn assaying 2000ppm Ag, 61.5% Pb and 7.2% Zn. The concentrate was later upgraded to 2300ppm Ag and 71.1% Pb; and
- Zinc Concentrate: 79% Zn at a grade of 39.5% Zn. Two-stage cleaning of the concentrate increased the grade to 49.7% Zn
- Southern Silver plans to conduct additional testwork to further upgrade the final concentrates



# Cerro Las Minitas – Property Scale Exploration

## New Greenfields Precious-Metal Targets Identified



- Three new claims added totaling 129 sq. km
- Current surface exploration on the new claims supplements earlier geophysical and geochemical surveys that highlight the **District Scale** potential of the property
- Extensive exploration targets **New Precious Metal Discoveries** for a RC/RAB drill testing currently underway on the larger claim package with a focus on the newly acquired Biznagas, Los Lenchos and Creston del Oro claims



# Cerro Las Minitas -2017 Exploration Program

## Most Successful to Date

- Exploration on Cerro Las Minitas continues to:
  - identify new mineral resources on the project - the high-grade Skarn Front deposit
  - identify the new target areas to add tonnage and grade – Las Victorias and North Skarn targets
  - develop greenfields targets for new discovery
- Q4 2017 Forecast:
  - Mineral Resource Update – Q4 2017
  - Surface Exploration on Larger Property: Soil-rock sampling, RC /RAB drilling, Trenching – Targeting New Discoveries
- **Next Milestone:** +200Moz, AgEq contained within a +20Mt Ag-Pb-Zn deposit at 80-120g/t Ag, 4-8% Pb-Zn<sup>1</sup> combined



Cerro Las Minitas Property



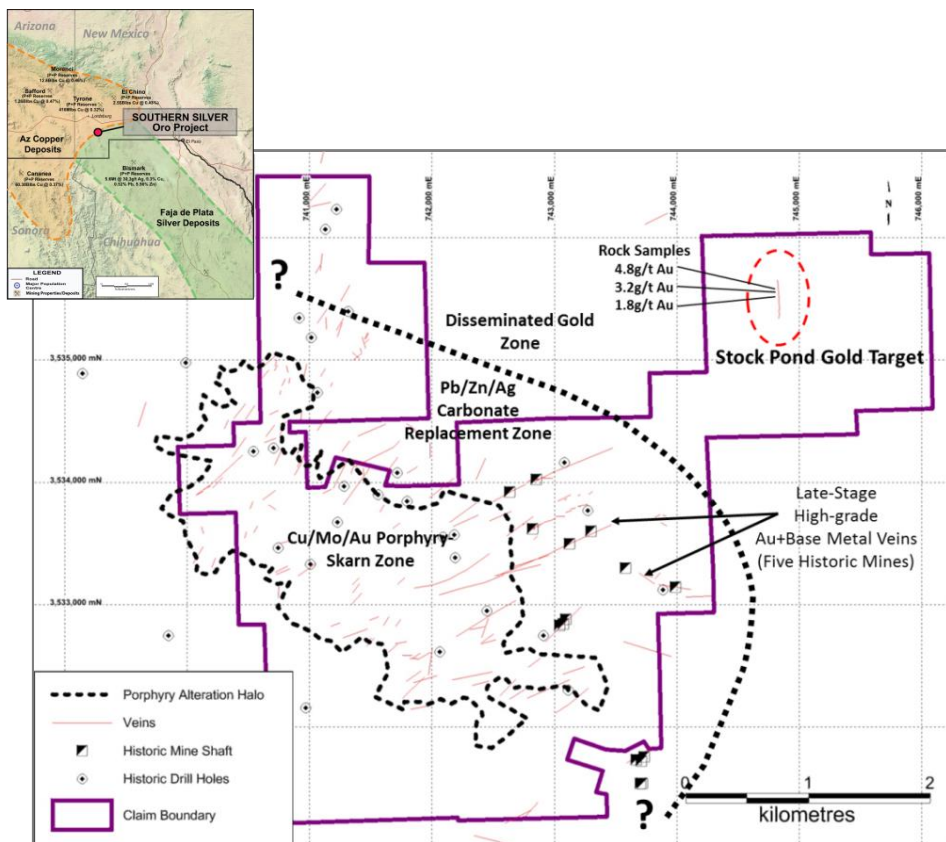
Core Sample - 2015



Drill Rig – 2015

# Oro Property – New Mexico

## 2017 Exploration Underway



### Option exercised Aug'13

- 100% owned by SSV

### Transitional from Faja de Plata to the Arizona Copper Belt

- 16.3 sq. km comprised of:
  - 8 mineral patents; 2 state leases; BLM Mineral Claims

### Geology Favorable for Large Porphyry Discovery

- Classic porphyry system zonation
- Near surface gold target; focus of current drill program
- Target is deposit similar to **El Chino** ( P+P reserves of **301Mt of 0.38%Cu**) or **Tyrone** (P+P reserves of **59Mt at 0.32% Cu**) (1)

### 2017 Exploration:

- +300 line-kilometres Airborne Z-TEM survey completed over entire property to define potential Cu-Mo porphyry targets
- RC Drilling on Stockpond Target – scheduled for Fall 2017:
  - Bulk-tonnage oxide gold target under shallow gravel cover
  - 8-10 RC drill holes totaling 1250 metres
  - To test a 500m x 800m target area under shallow gravel cover

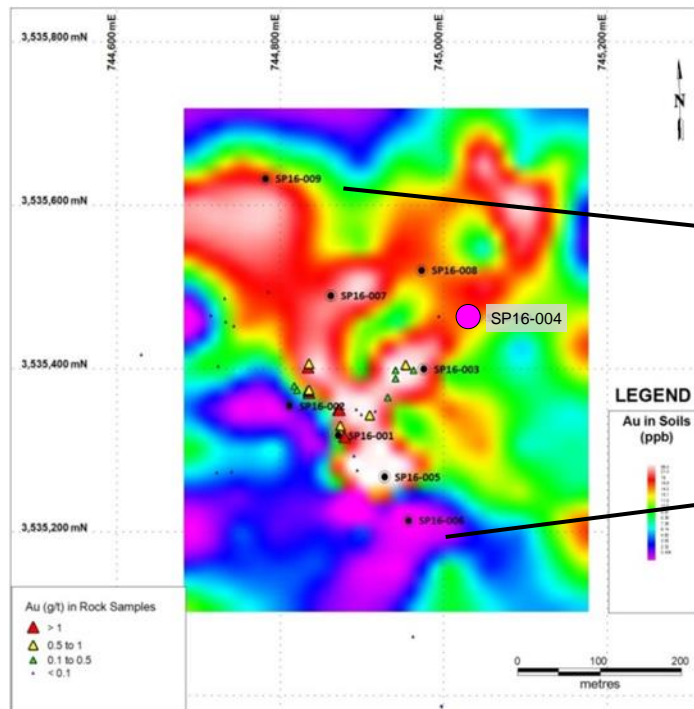


# Oro Property

Historic mining district from the early 1900s; multiple high-grade targets

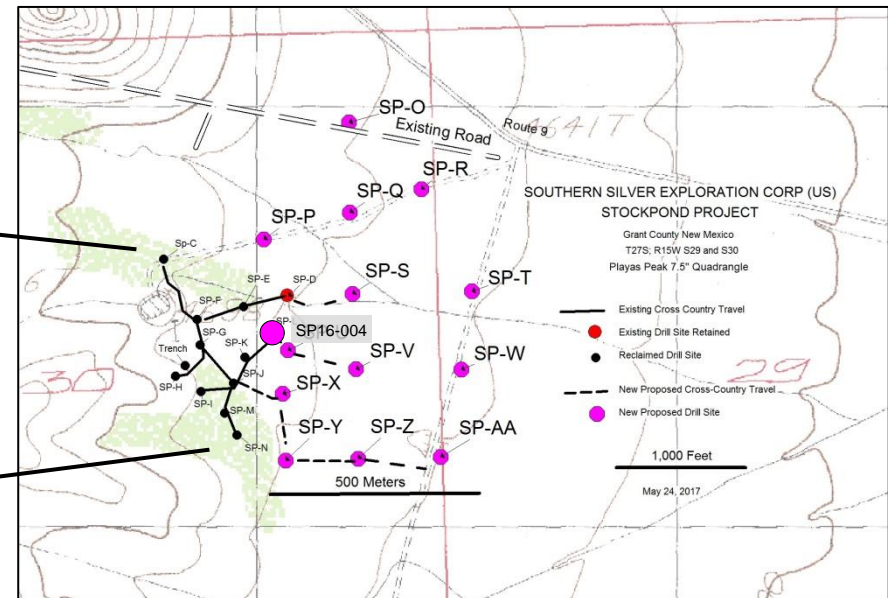
## 2016 Exploration – Stock Pond Gold Target

- 9 RC holes 1220m; testing 450m x 450m area
- Identified widespread solidification and oxidation with related gold-mineralization on the eastern edge of the drill pattern
- Highlight: **9.1 metres** averaging **0.75g/t Au**, contained within **41.2 metres** averaging **0.42g/t Au** from hole SP16-004.



## 2017 Drill Targeting – Stock Pond Gold Target

- 13 sites permitted; testing 500m x 800m area
- Drilling will test the eastern extensions of SP16-004
- 8-10 RC drill holes totaling 1250 metres
- To test a 500m x 800m target area under shallow gravel cover



# Southern Silver Exploration Corp.

## Project Summaries

### Cerro Las Minitas, Durango Mexico

- 18 drill holes in +13,600 metre core program completed
- Fall'17: Metallurgy + Resource Estimate in progress
- Prospecting, mapping and detailed sampling on greenfields targets continues
- Drill targeting in progress for RC program

### Oro Project, New Mexico

- +1250m RC program planned mid-Oct. 2017 to test Stock Pond oxide gold target
- New Z-TEM survey strengthens case for significant Cu-Mo porphyry potential



# Southern Silver Exploration Corp.

## Notes