



September, 2016



SouthernSilver
EXPLORATION CORP

Precious Metal
Summit
Beaver Creek, Co

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.

Actual results relating to, among other things, results of exploration, reclamation, capital costs, and the Company’s financial condition and prospects, could differ materially from those currently anticipated in such statements for many reasons such as but not limited to; changes in general economic conditions and conditions in the financial markets; changes in demand and prices for the minerals the Company expects to produce; litigation, legislative, environmental and other judicial, regulatory, political and competitive developments; technological and operational difficulties encountered in connection with the Company’s activities; and changing foreign exchange rates and other matters discussed in this presentation.

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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.

Southern Silver Exploration Corp.

The 3 Ps: Projects - People - Partners

The Right Projects:

District-Scale Exploration Projects in Mexico and New Mexico

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)¹:

- **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
- 2016 Phase II Exploration Program underway

Oro Project, New Mexico

Large Laramide Cu-Au-Mo Porphyry system with adjacent near surface, drill-ready gold target

1200 metre RC drill program underway



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 3 Ps

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. Throughout their respective careers, they have been instrumental in the success of the following projects:

- Penasquito, Zacatecas, Mexico
- San Cristobal, Potosi, Bolivia
- Hemlo, Ontario, Canada
- San Nicolas, Zacatecas, Mexico
- El Limon, Guerrero, Mexico
- Snip, Eskay Creek and Mascot, BC, Canada
- Nuestra Senora, Sonora, Mexico
- El Valle, Rio Narcea, Spain
- Aguablanca, Extremadura region, Spain



Penasquito Mine, Zacatecas, Mexico



San Cristobal Mine, Potosi, Bolivia



Aguablanca Mine, Spain



Eskay Creek Mine, British Columbia

Southern Silver Exploration Corp.

The 3 Ps

The Right Partner:

Electrum Global Holdings L.P., is a privately owned global natural resource investment management company with a history of strategic investments in both precious and base metal companies. The Electrum Group holds a large and diversified global portfolio of precious metals exploration projects.

Significant Investments In:

- **NovaGold** - Donlin Gold Project, Alaska; 50% Interest in Galore Creek Project, BC
- **NovaCopper** - 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, Nova Gold

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.

Why Southern Silver – Silver/Lead/Zinc

The Right Time

Excellent entry level in a rising commodity market, emerging at the end of one of the most severe bear markets in recent history

82.1M shares I&O – Free Float: ~35M shares; \$40M Market Cap



Year to date June 30, 2016, volume traded on TSXV was up 83%, value traded up 160% transactions were up 101%. The growing consensus is that we are seeing a transition from a long Bear market to the beginning of a new Bull market.

The gold-silver ratio has reverted toward its longer-term (1980-present) average of 62. Silver has enjoyed a spectacular rally of 21.5 percent in the second quarter after a gain of 11.3 percent in the first. Commodity prices are firming up with Zinc outperforming all metals. Zinc prices have risen dramatically from \$0.69 per pound to currently sit at \$1.03 per pound. Overall, the metal has gained 51.50 percent year-to-date.

Investment focus continues to be on companies with the right projects and people with track records of success. Markets continue to look for resources that “make sense” or have the discovery potential for a world class deposit. Our project, Cerro Las Minitas, (Ag/Pb/Zn) with its recent NI43-101 resource announcement, and upside potential to add ounces, demonstrates that we are positioned to be one of those projects.

Cerro Las Minitas

Historic producing mineral district in the Faja de Plata of North-central Mexico



Exploration Summary

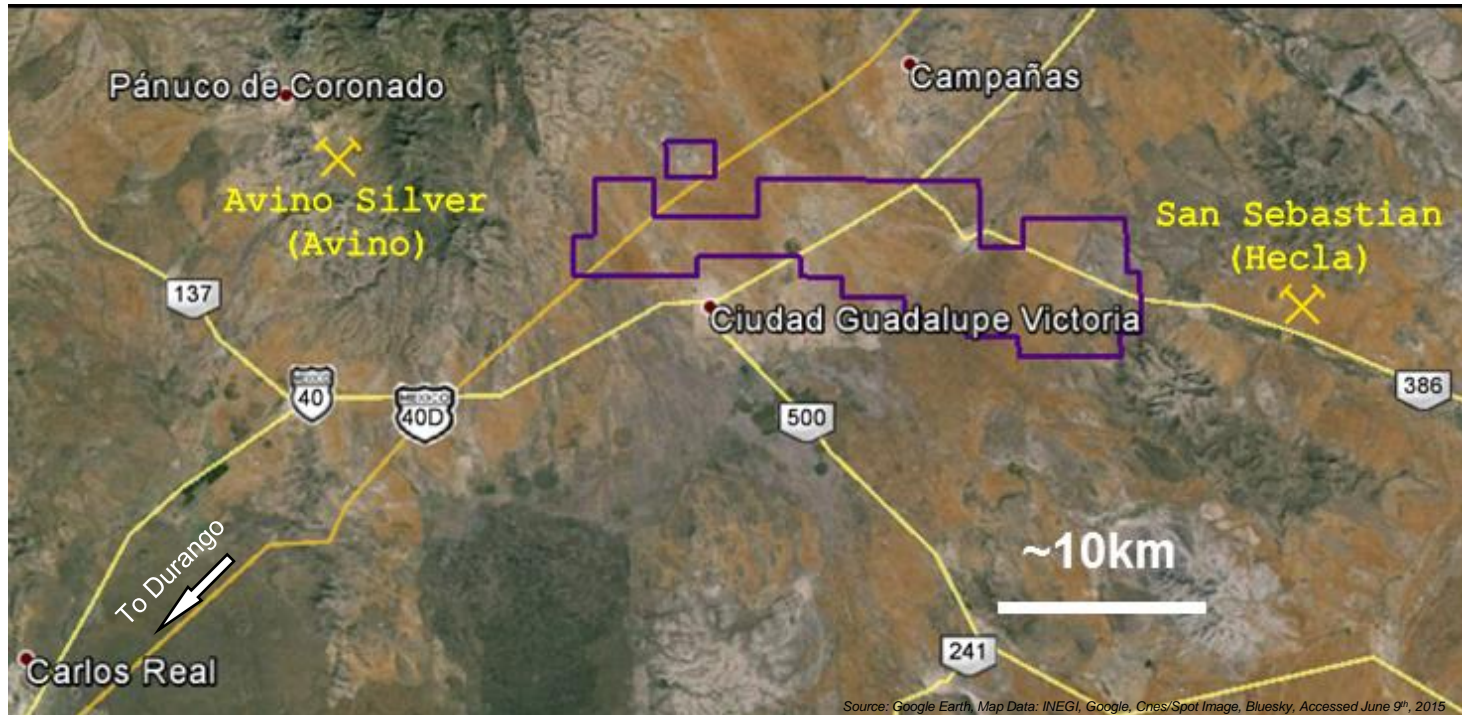
- 35,955m drilled since 2011
- \$13.0 M spent in acquisition and exploration, at a discovery cash cost of \$0.13/oz AgEq
- Historic small-scale production

Project Highlights

- **Three Deposits Identified**
- **Mineral Resource (150g/t AgEq cut-off)¹:**
 - **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
- **New High-grade Zone Identified at Mina La Bocona Extension**

Cerro Las Minitas - Infrastructure

Superior Location and Infrastructure



- District-scale property – 13,640 ha; largely gravel covered
- Located 70km NE of Durango (pop. 631,712)
- On trend with the San Sebastian (Hecla) and Avino Ag-Au Mines
- Highway/road and power access

Cerro Las Minitas - Overview

Looking North from the Autopista (Highway)

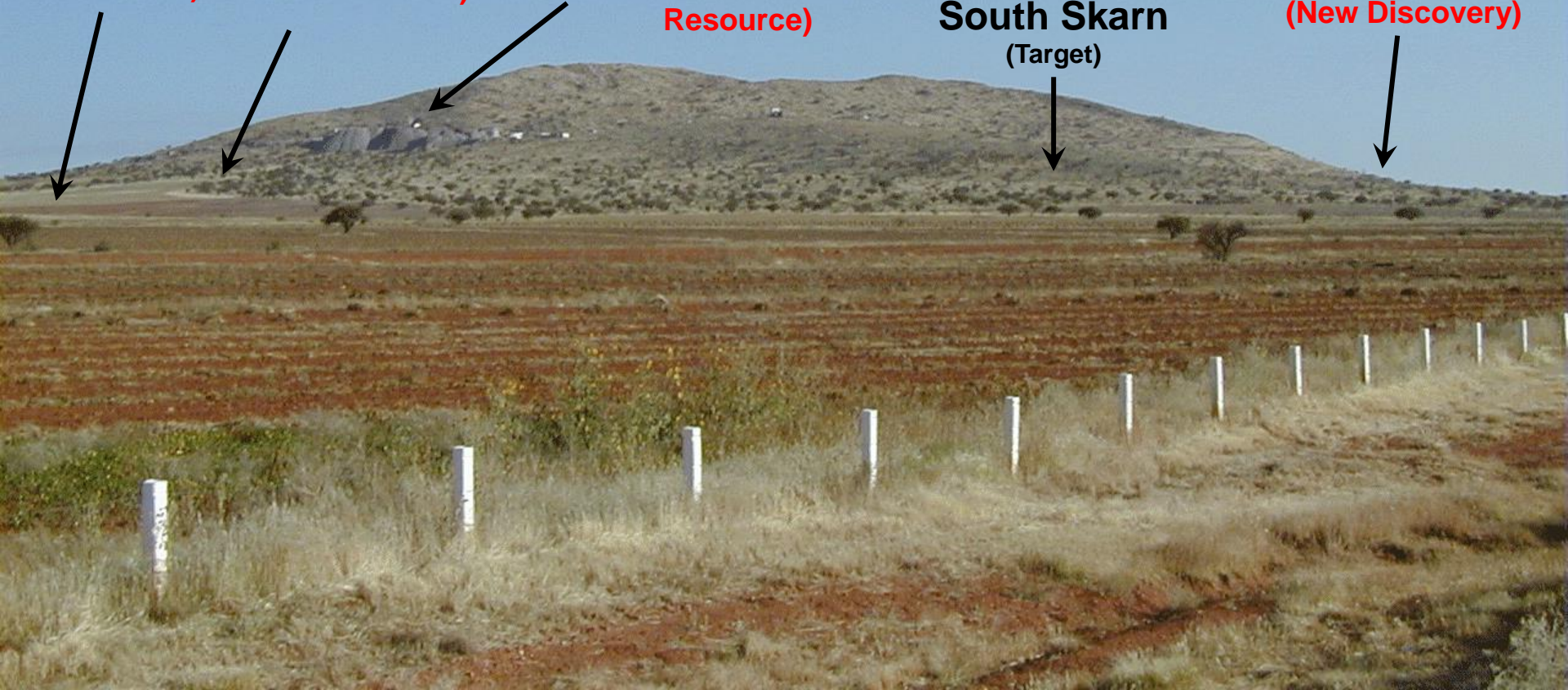
Blind Zone
(2016 Mineral
Resource)

El Sol Zone
(2016 Mineral
Resource)

Mina Santo Niño
(2016 Mineral
Resource)

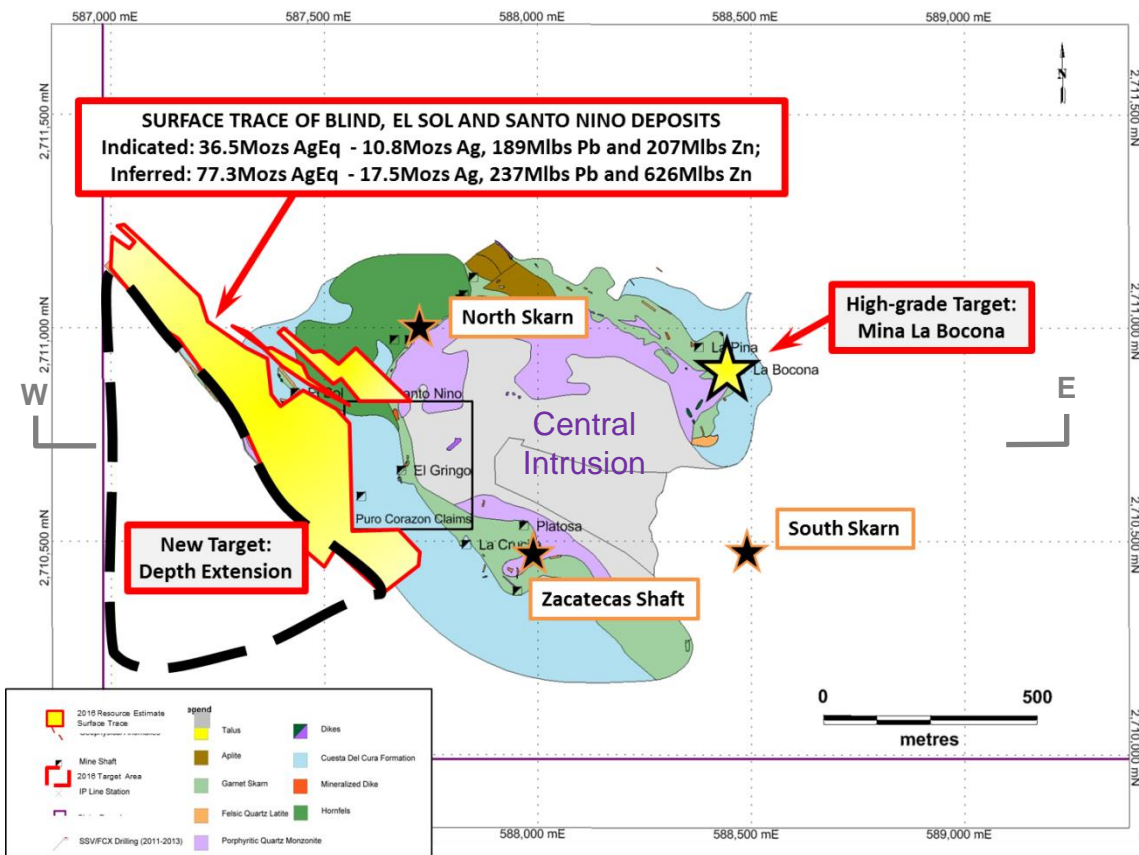
South Skarn
(Target)

**Mina La Bocona
Extension**
(New Discovery)



Cerro Las Minitas – Exploration and Discovery

Project Growth Through Expanding Deposits and New Discoveries



Work Completed by Southern Silver/Option partners from 2011-16:

- 91 core holes totaling 35,955m
- Surface geochemical and biogeochemical sampling
- Airborne Magnetics
- IP/Gravity geophysics

High-grade Ag-Pb-Zn Skarn/CRD system

- Three high-grade Ag-Pb-Zn deposits currently outlined
- New depth extension identified in 2016
- Recent high-grade gold discovery @ Mina La Bocona target
- Significant exploration upside at the Cerro and throughout the larger property

Exploration Target:

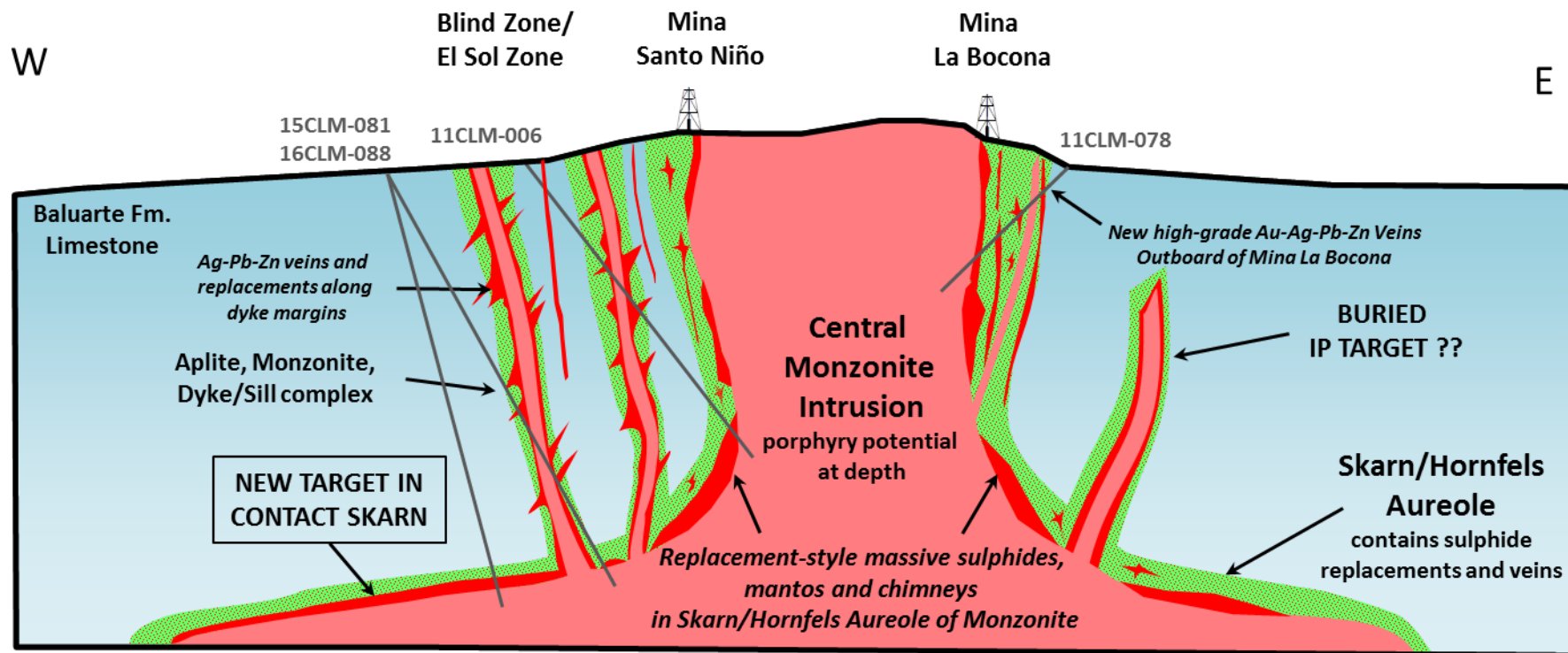
+20 Mt grading 80-120 g/t Ag and 4-8% Pb/Zn (+200 Mozs AgEq)¹

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

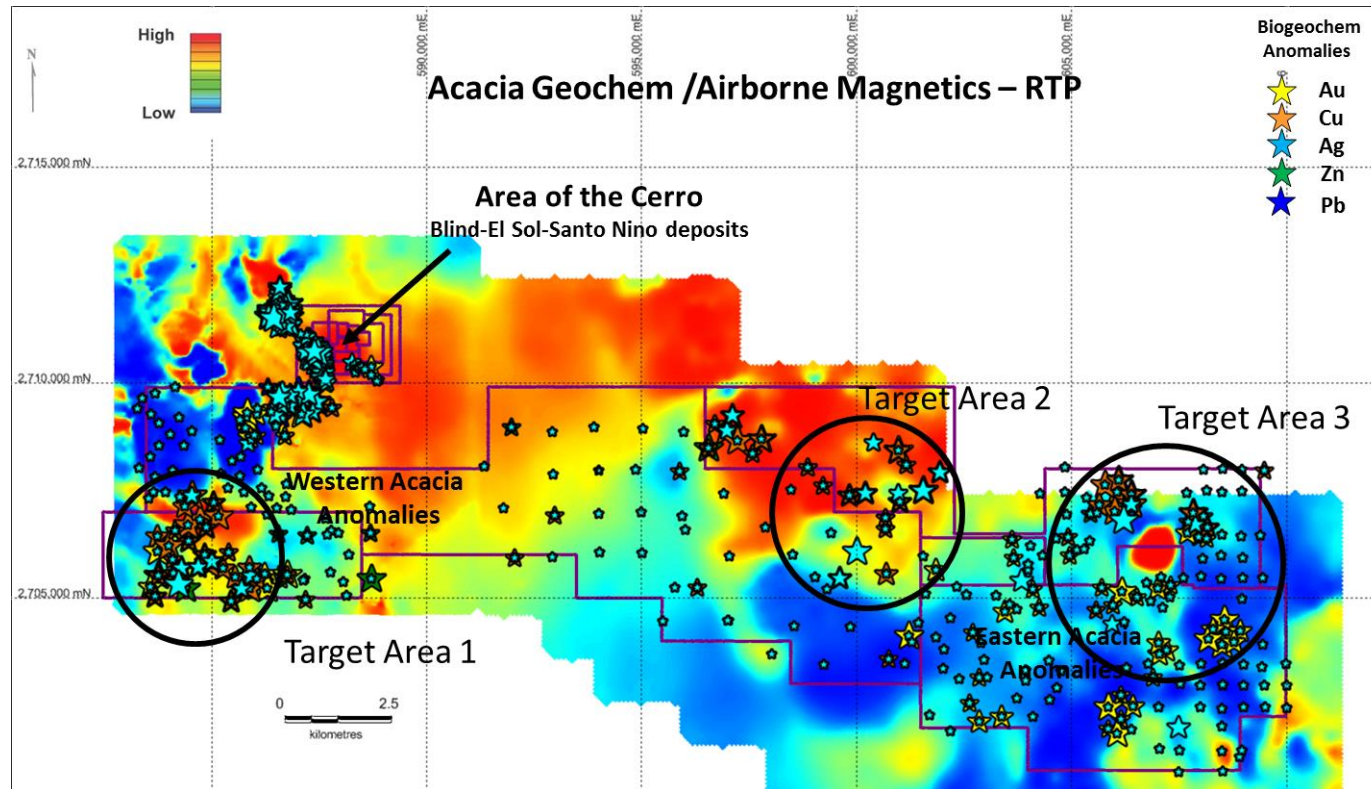
Significant exploration upside remains in extensions of the Blind and El Sol Deposits and other targets



Ag Ag-Pb-Zn Cu-Au Ag-Pb-Zn Ag

Cerro Las Minitas – 2016 Property Scale Exploration

Targeting New Discoveries



- 13,640 ha Property; largely gravel covered
- Airborne and ground geophysical surveys, multi-element biogeochemical and soil geochemistry highlight the **District Scale** potential of the property
- US\$300,000 surface program underway targeting **New Discoveries** on the larger property

Cerro Las Minitas - 2016 Looking Forward

Electrum Global Holdings L.P. to fund US\$5.0M in Exploration over 4 Years

- Electrum to spend US\$5.0M to earn a 60% indirect interest in the Project
- To date Electrum has spent US\$3.05M and has earned a 30% indirect interest in the Project ; US\$0.45M remaining to earn 50% Indirect Interest.
- 2016 Expenditures: US\$1.05M consisting of:
 - US\$850,000 diamond drill program extended known mineralization and developed new targeting
 - US\$300,000 surface exploration program currently underway to identify new deposits
- **Exploration Target:** +200M oz, AgEq contained within a +20Mt Ag-Pb-Zn deposit at 80-120g/t Ag, 4-8% Pb-Zn¹ combined



Cerro Las Minitas Property



Core Sample - 2015



Drill Rig – Site Visit 2012

Oro Property - New Mexico

Option exercised Aug'13

- 100% owned by SSV

Transitional from Faja de Plata to the Arizona Copper Belt

- 11.9 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

2016 Exploration Program Underway

- A US\$300,000 staged exploration program is underway and includes trenching and drilling
- **1200m RC drill program underway to test the Stock Pond gold target**
- 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⁾



Southern Silver Exploration Corp. - Directors

Lawrence Page, B.A., LL.B., Q.C., President & Director

Mr. Page has practiced in the areas of natural resource and securities law for over 50 years and has been a Director and Officer of a number of public mining Companies which discovered and developed major mines and projects such as: the **David Bell and Page Williams** mines (**Hemlo**), Ontario; the **Snip, Eskay Creek** and **Mascot Gold Mines**, British Columbia; and of the **Penasquito Mine**, Mexico.

Mr. Donald R. Head, B.A., LL.B, Director

Mr. Head graduated from Arizona State University with a BA in Business and holds a law degree from the University of Arizona. He co-founded Centurian Development and Investments Inc., a company engaged in real estate development. As an Attorney, he represented Canadian public mineral exploration companies in property acquisitions and equity finance and has been a Director for a number of public mining companies. He currently serves as Officer of Head Management Investments LLC. and was the Founder, Chairman, President and Chief Executive Officer of Capital Title Group Inc., until it was sold in 2006 for gross proceeds of \$ 265 million.

Larry Buchanan, PGeo, PhD, Director

Dr. Buchanan is Chief Consulting Geologist of **Electrum**. With over 45 years of experience in the natural resources sector, Dr. Buchanan, is a highly regarded exploration geologist and leading expert on epithermal deposits. He has played a key role in identifying several significant precious metals deposits, including the **San Cristóbal** in Bolivia. For this accomplishment, Dr. Buchanan was awarded the Thayer Lindsley Award from the Prospectors and Developers Association of Canada.

D. Roger Scammell, BSc , PGeo, Director

Mr. Scammell has 40 years of experience in the mining and exploration industry in North America, México and Guatemala. He has served as the Country Manager, Mexico for **Teck Corporation**, President of **Scorpio Mining Corporation** and Vice-President, Exploration of **Tamaka Gold Corporation**. He and his team discovered the 72MT **San Nicolas** VMS deposit and the **El Limon** gold skarn, México, and were responsible for the exploration, development and initial production of the **Nuestra Señora** polymetallic silver mine in Sonora, México.

Eugene Spiering, PGeo, Director

Mr. Spiering is an exploration geologist with over 30 years of exploration and management experience in the Western USA, South America, and Europe. In his career, he has served as VP Exploration of **Quaterra Resources Inc.**, **Rio Narcea Gold Mines**, **Concord Minera Asturiana S.A.** and has held senior technical positions with **Centurion Mines Corporation** and **Energy Fuels Nuclear Inc.** His work includes the discovery, project development and production of the **El Valle** gold and **Aguablanca** nickel mines in Spain.

Nigel Bunting, Director

Mr. Bunting is a private investor with a successful earlier career as a broker and executive in the Insurance industry. As Director of Suffolk Life, he played a pivotal role in turning the company into one of the UK's leading self-invested personal pension (SIPP) administrators, By 2008, it had £2.5 billion assets under management and was bought by Legal & General for £62.5m.

Peter Cheesbrough, CA, Director

Mr. Cheesbrough is President of the Exploration Division of the Electrum Group LLC. He has more than 30 years of experience as a senior financial executive of public and private companies including the mining industry, where he was the Chief Financial Officer of Echo Bay Mines. Most recently, he was CFO of ZeaChem and the Executive VP and CFO for CIBER, a global information technology consulting, services and outsourcing company listed on the NYSE. Mr. Cheesbrough is a chartered accountant and Fellow of the Institute of Chartered Accountants in England and Wales, and a Member of the Institute of Chartered Accountants of Alberta.

Corporate Information

Capitalization

Shares Outstanding

- 82,089,948

Options Outstanding

- 6,865,700

Warrants Outstanding

- 52,336,903 (Value on exercise - \$6.7 million)

Fully Diluted

- 141,476,301

Share Ownership

Management & Close Associates

- | | |
|---------------------------------|--------|
| • Management and Associates | ~10% |
| • Electrum Global Holdings L.P. | 37.62% |

Senior Management

Lawrence Page, QC, President, Director

Graham Thatcher, CFO

Robert Macdonald, General Manager,
Exploration

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