Developing the Next Major Silver Resource in Mexico

SouthernSilver
EXPLORATION CORP

Corporate Presentation

January, 2023

SSV: TSX-V
SSVCL: SSEV
SSVFF: OTCQX

Forward Looking Statements and Technical Disclosure

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.

Persons should not place undue reliance on the Company’s forward-looking statements. Further information regarding these and other factors, which may cause results to differ materially from those projected in forward-looking statements, are included in the filings by the Company with securities regulatory authorities. The Company does not assume any obligation to update or revise any forward looking statement that may be made from time to time by the Company or on its behalf, except in accordance with applicable securities laws, whether as a result of new information, future events or otherwise.

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.

The scientific and technical content of this disclosure was reviewed and approved by Robert Macdonald, MSc. P.Geo, VP. Exploration, and is a Qualified Person as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects.

All mineral resources have been estimated in accordance with Canadian Institute of Mining and Metallurgy and Petroleum (CIM) definitions, as required under NI43-101.

Mineral resources reported demonstrate reasonable prospect of eventual economic extraction, as required under NI43-101.

Mineral resources are not mineral reserves and do not have demonstrated economic viability. The mineral resources may be materially affected by environmental, permitting, legal, marketing, and other relevant issues.

The PEA is preliminary in nature, it may include mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized.

An inferred mineral resource has a lower level of confidence than that applying to an indicated mineral resource and must not be converted to a mineral reserve. It is reasonably expected that most of the inferred mineral resources could be upgraded to indicated mineral resources with continued exploration.

All-in Sustaining cost (AISC) is calculated as: Operating costs (mining, processing and G&A) + Incremental PTUs + Concentrate Transportation + Treatment & Refining Charges + Penalties + Sustaining Capital + Closure Costs + Silver Revenue Royalty and is reported on using a per tonne mined, AgEq plant feed, AgEq recovered for sale, and AgEq payable basis

PEA work completed by:

Kirkham Geosciences Ltd. (KGL): mineral resource estimate from Oct, 27, 2021;

Entech Mining Limited (Entech): mine design and mine OpEx and capital;

M3 Engineering & Technology Corp. (M3): process flowsheet, mine site design and surface OpEx, CapEx and discounted cash-flow model

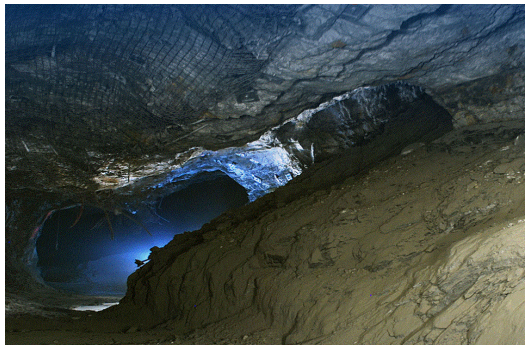
Metallurgical Process Consultants Limited (MPC): metallurgy and process flowsheet

Investment Highlights

Focused on developing the Cerro Las Minitas (CLM) Ag-Cu-Pb-Zn project located in Durango, Mexico

One of the Largest and Highest Grade Undeveloped Silver Projects in the World

- **Ind: 137Moz AgEq at 347g/t AgEq[1]**
- **Inf: 198M oz AgEq at 314g/t AgEq[1]**
- Well-established silver mining district in Durango, Mexico near several major mining companies



PEA Highlights

- 15yr Life-of-Mine
- Robust Project Economics
- High Revenues/Free Cash-flow
- Balanced Precious / Base Metal revenues

Corporate Highlights

- 100% ownership and control of the CLM Project
- Full treasury to continue ESG initiatives, permitting, drilling, engineering and other Corporate objectives

Company Catalysts

(pending News Flow)

- **PEA: Now Completed**
- New Discoveries at CLM, Mx
- Engineering Upgrades
- New Drilling at Oro Cu-Mo project, NM
- Greenfields exploration on Hermanas Au-Ag Project, NM

1. *Parameters for the NI 43-101 Compliant Mineral Resource Estimate are described on Slide 22 (appendices) and in the SSV News Release, dated Oct 27th, 2021*

PEA Highlights

Robust Project Economics

- Base Case[1]: after-tax NPV5% of $349M (C$450M, C$1.55/share), IRR of 17.9%

Excellent Silver and Zinc Price Leverage

- Base-case +15%[2]: after-tax NPV5% of US$561M (C$ 728M, C$2.49/share), IRR of 24.4%

Large-Scale Underground Mining Operation

- Modelled LOM Production: 24.5 Mt @ 0.2% Cu, 1.1 % Pb, 2.6 % Zn, 110 Ag, 0.09 g/t Au - Average NSR of $US 128 /t
- 15-year mine life
- Annual Production of **11.3Mozs/yr AgEq** (inc. **4.7 Mozs Ag**)
- LOM Production of **168.8Mozs AgEq** (inc. **70.8Mozs Ag**)
- LOM AISC of $13.27/oz AgEq sold

High-Revenue Project

- Base Case revenues: US$3.7B
- Balanced precious vs base metal revenues with silver representing 42% of revenues and zinc representing 39% of revenues
- Initial CapEx of $341M

Well Located Project

- Mining friendly jurisdiction with excellent infrastructure in southeast Durango state, Mexico

Further Project Upside

- **New deposits:** deposits remain open laterally and to depth to be explored
- **Gold Recovery:** to be incorporated into the process flowsheet
- **Ore-sorting:** initial test work is positive; to be included in the Process flowsheet

All $ in USD unless otherwise indicated. Per share metrics based on 292 million shares outstanding.

1. Base case: assumes (Ag- $21.95/oz, Cu – $3.78/lb, Pb – $0.94/lb and Zn - $1.33/lb)
2. Base Case +15% assumes (Ag- $25.24/oz, Cu – $4.35/lb, Pb – $1.08/lb and Zn - $1.53/lb)

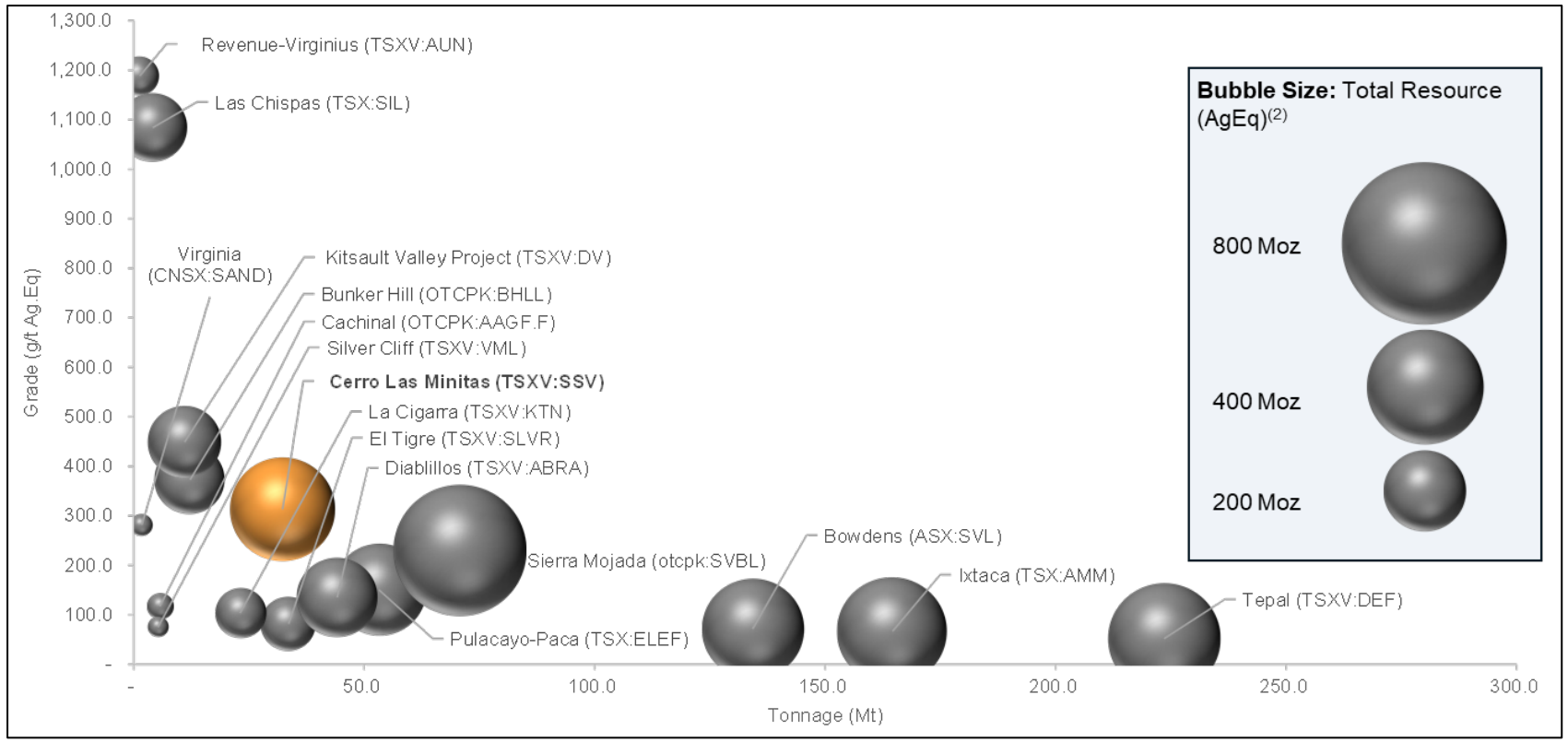
Cerro Las Minitas

One of the Largest and Highest Grade Undeveloped Silver Assets in the World

2021 Mineral Resource Estimate (*as of Oct 27th, 2021 using a $60NSR/t cut-off*)[1];

Indicated – 137Moz AgEq 42.1Moz Ag, 44Mlb Cu, 358Mlb Pb and 895Mlb Zn

Inferred – 198Moz AgEq: 73.6Moz Ag, 98Mlb Cu, 500Mlb Pb and 1,009Mlb Zn



Notes:

1. *Parameters for the NI 43-101 Compliant Mineral Resource Estimate are described on Slide 22 (appendices) and in the SSV News Release, dated Oct 27th, 2021*

Notes for chart

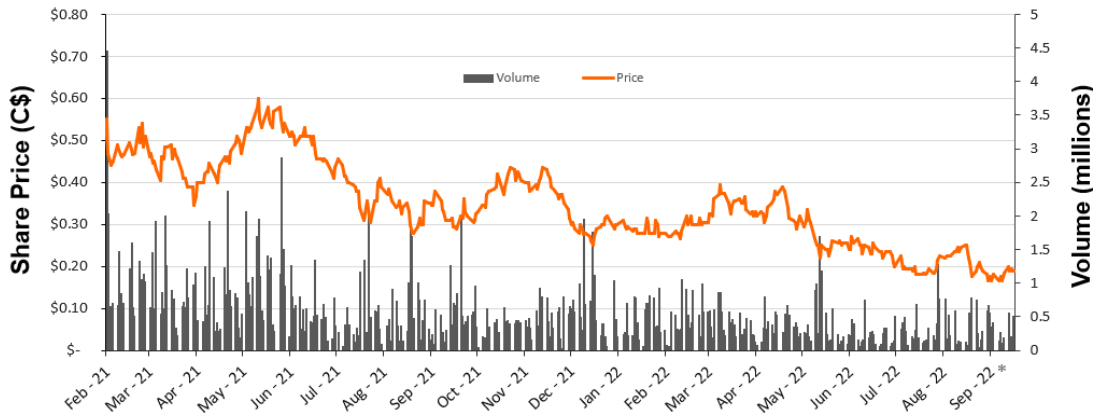
- *Data as of September 8, 2022*
- *Prices Used (US$): Gold - $1,708/oz, Silver - $18.59/oz, Copper - $7811/MT, Iron - $98/dMT, Lead - $1,881/MT, Zinc - $3,128/MT*
- *Discovery Silver's Cordero Mine removed from output. Total tonnage of 782 Mt, grade of 44.1 g/t Ag.Eq*
- *Applies to primary asset only (100% basis)*

Capital Markets Profile

Capital Structure	
Ticker	TSX-V:SSV
Share Price (Jan. 5, 2022)	C$0.21
Current Shares Outstanding	292M
Options	28.3M[1]
Warrants	65.9M[2]
Fully Diluted Shares Outstanding	386M
Market Capitalization *(basic)*	C$61.2M
Cash & Cash Equivalents	C$6.0M
Enterprise Value (basic)	C$74.8M
EV/Oz AgEq	C$0.17
P/NAV	0.14x
Top Shareholders	
Electrum Global Holdings	25%
Institutional (as of July 30 , 2020)	12%
Management & Directors	2.3%

1. Includes 28.3M options outstanding with a weighted average exercise price of C$0.37/share and a weighted average remaining term of 3.8 years
2. Includes 59.9M warrants outstanding with a weighted average exercise price of C$0.42/share and a weighted average remaining term of 1.8 years
3. Includes 6.0MM finder's warrants outstanding with a weighted average exercise price of C$0.34/share and a weighted average remaining term of 1.7 years

Share Price and Volume (Last 18 Months)



Analyst Coverage

Timothy Lee – *Red Cloud Securities Ltd.*

Siddharth Rajeev – *Fundamental Research Corp.*

Recent Ratings

	Date	Reccomendation (C$)
Red Cloud Securities	Aug-29-2022	Buy ($0.85)
Fundamental Research	Sep-8-2022	Buy ($0.51)

Newsletter Coverage

Caesars Report – Thibaut Lepouttre

Silver Stock Investor – Peter Krauth

GoldSilver.com/SilverChartist – Jeff Clark

Management Team and Board

Experienced Mine Finders with a History of Success in Mexico

Lawrence Page (LL.B, QC) *President, Director*	• Director and Officer of a number of public prominent exploration and mining companies • Major Projects and Mines involvement: Penasquito, Mexico; Hemlo and Eskay Creek, Canada
Rob MacDonald (MSc, PGeo) *VP, Exploration*	• VP of Geological Services for the Manex Resource Group of Companies and Exploration Manager for several publicly listed companies • Overseen the exploration of many projects throughout North America including the discovery and delineation of the Homestake Ridge high-grade 1.2M oz Au-Ag deposit in northern British Columbia
Graham Thatcher *Chief Financial Officer*	• Senior accountant at Manex Resource Group and prior to this he worked in public practice at Smythe Ratcliffe LLP with companies in the mining and exploration sector
Arie Page *Corporate Secretary*	• Currently serves as corporate secretary to several public resource companies in the minerals sector including Bravada Gold Corporation, Pacific Ridge Exploration Ltd., Southern Silver Exploration Corp. and Valterra Resource Corporation.
Russell Ball (CA, CPA) *Director*	• Managing Director of QDBS Resources Inc. and former CEO, Director and Exec. Chairman of Calibre Mining Corp • Former EVP and CFO of Goldcorp Inc as well as varying capacities with Newmont Mining Corp
Larry Buchanan (PGeo, PhD) *Director*	• Chief Consulting Geologist, Electrum Group • Major Projects and Mines involvement: San Cristobal, Bolivia; Los Gatos, Mexico
Peter Cheesbrough (CA) *Director*	• President, Exploration Division, Electrum Group • Served as CFO, Echo Bay Mines
Gina Jones (CPA, CA, CF, ICD.D) *Director*	• Currently serves as CFO, CCO PenderFund Capital Management Ltd., Served as CFO for two Vancouver Investment Dealers and CFO, COO for an independent Vancouver brokerage firm.
Eugene Spiering (PGeo) *Director*	• Served as VP Exploration of Quaterra Resources Inc. and Rio Narcea Gold Mines • Major Projects and Mines Involvement: El Valle and Aguablanca, Spain
Roger Scammell (BSc, PGeo) *Director*	• Served as President Scorpio Mining Corporation and VP Exploration of Tamaka Gold Corporation • Major Projects and Mines involvement: San Nicolas, El Limon and Nuestra Senora, Mexico
Nigel Bunting *Director*	• Served as director Suffolk Life Pensions Ltd

Project Portfolio

District Scale Exploration & Development

SouthernSilver EXPLORATION CORP

Cerro Las Minitas, Durango, Mexico – Flagship

- 100% owned
- Silver-enriched Skarn/CRD deposits
- +US$35M spent on acquisition and exploration since 2011
- **NEW PEA RESULTS**
- Further Upside on both Exploration and Engineering basis

Oro Project, New Mexico

- 100%-owned
- **DRILLING COMPLETED; ASSAYS PENDING**
- Large Laramide Cu-Au-Mo porphyry system with an adjacent near surface gold target

Hermanas Project, New Mexico

- Option to 100% own
- **NEWLY ACQUIRED**
- Large early stage Au-Ag epithermal vein system

Cerro Las Minitas

Modelled Project Economics – Cash Flow

15 Years of Mine Life

Base Case Cash Flow ($US)

LOM gross revenues: $3,705M

Pre-Tax cash flow: $1,124M

After-tax cash flow: $696M

After-tax NPV5%: $349M

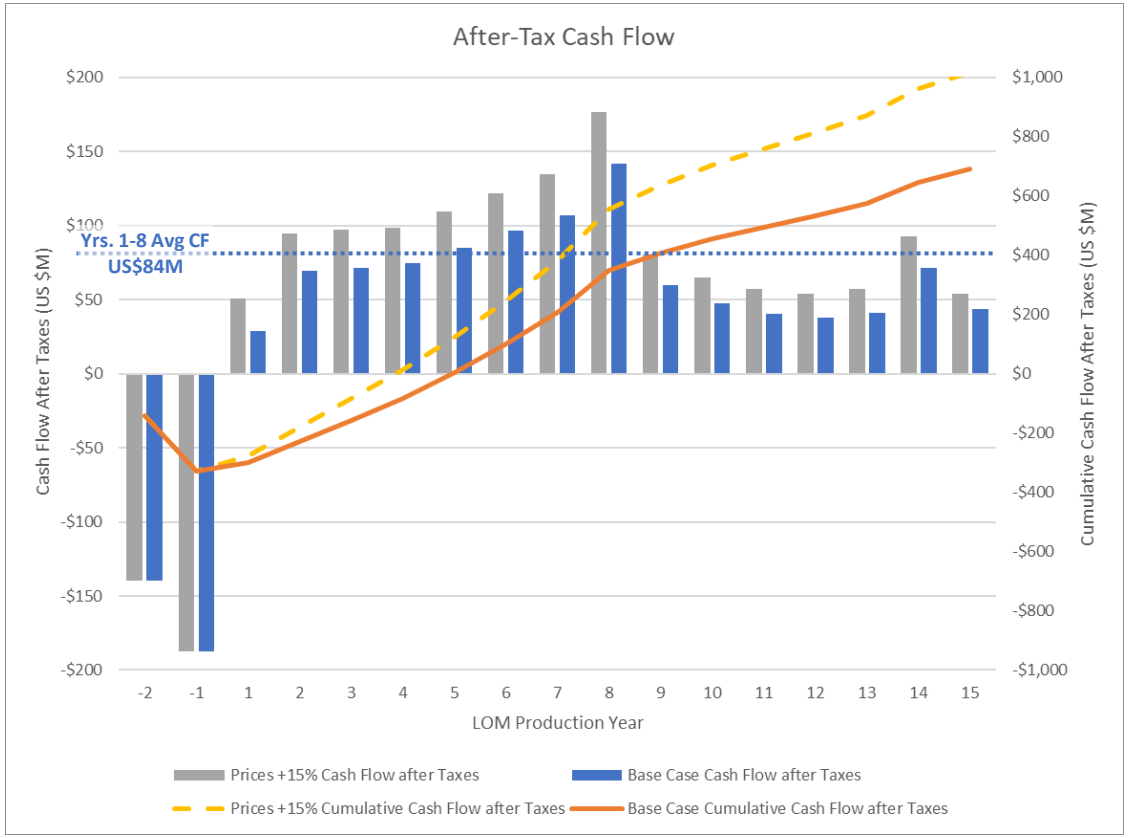
Years 1-8 Avg. Annual After-tax Cash Flow: $84M

All Metal Price (Ag, Cu, Pb, Zn) Sensitivity				
Metal Price	Revenue (US$M)	NPV, after tax @ 0% (US$M)	NPV, after tax @ 5% (US$M)	IRR, after Tax
Base Case	**$3,705**	**$696**	**$349**	**17.9%**
+15%	$4,261	$1,024	$562	24.4%
-15%	$3,149	$368	$137	10.6%

Projected maximum cash outlay: US$341M

Project payback: 60 months

Higher Margin Mineralization Targeted in the First Eight Years of Production Leading to Improved Economics.



Base case: assumes (Ag- $21.95/oz, Cu – $3.78/lb, Pb – $0.94/lb and Zn - $1.33/lb)

Base Case +15% assumes (Ag- $25.24/oz, Cu – $4.35/lb, Pb – $1.08/lb and Zn - $1.53/lb

Cerro Las Minitas

Mine Plan – LOM Production and AISC

Modelled LOM Production: 24.5 Mt @ 0.2% Cu, 1.1% Pb, 2.6% Zn, 110g/t Ag, 0.09 g/t Au - Average NSR of $US 128/t

Modelled annual sales (net deductions, treatment and refining):

- **11.3 Moz AgEq (inc. 4.7 Mozs Ag)**

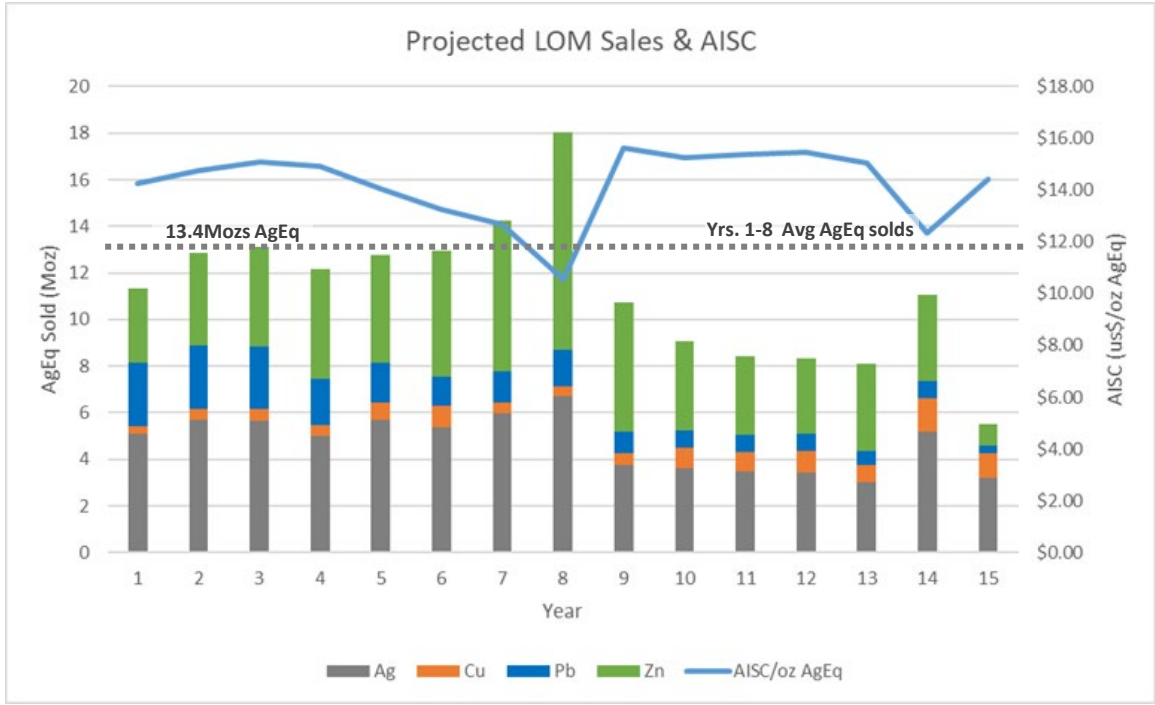
Years 1-8 average AgEq sold: 13.4Mozs AgEq

LOM Payable Silver Production: **70.8Mozs Ag**

Peak Year of production - Year 8:

- 18.0Moz AgEq sold (includes 6.7 Moz Ag)

Robust AgEq Production which Peaks in Year 8



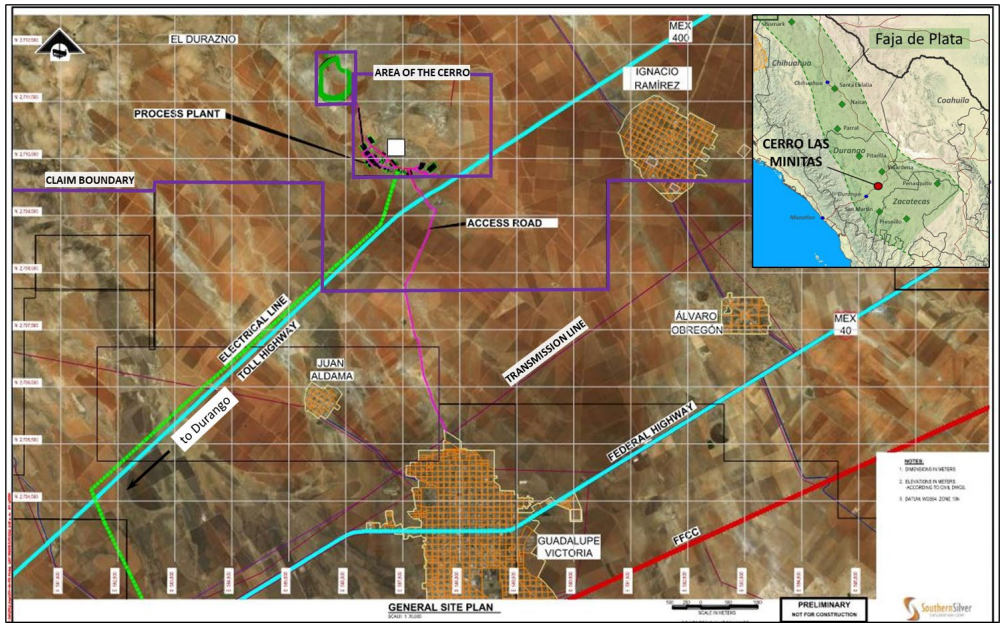
LOM Ag/Cu/Pb/Zn sales are shown on an AgEq basis based on: Ag = $21.95/oz, Cu = $3.78/lb, Pb = $0.94/lb and Zn = $1.33/lb

All-in Sustaining cost (AISC) is calculated as: Operating costs (mining, processing and G&A) + Incremental PTUs + Concentrate Transportation + Treatment & Refining Charges + Penalties + Sustaining Capital + Closure Costs + Silver Revenue Royalty and is reported on using a AgEq payable basis

Cerro Las Minitas

Infrastructure and Access

Well Located in an Active Exploration and Development Jurisdiction with Superior Infrastructure



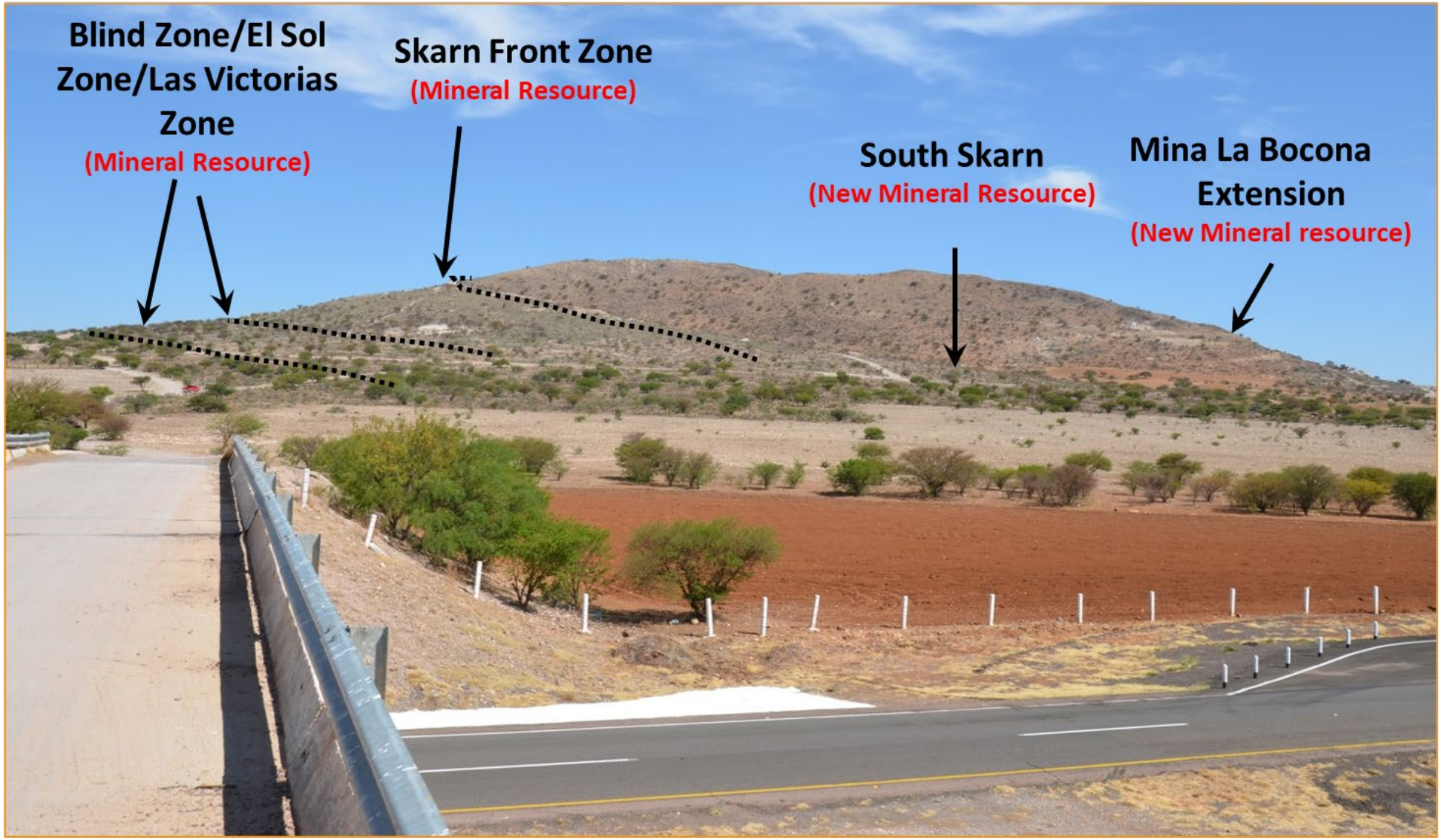
- Safe jurisdiction, around non-narcotic related agriculture
- Located 70km NE of Durango (pop. ~650,000)
- The property is transected by infrastructure including two federal highways, a railway line and transmission lines
- Property is accessed via the town of Guadalupe Victoria (pop: ~35,000) located just 6km to the south

Knowledgeable and Supportive Local Community

- Exploration permits in place
- Social license initiatives: exploration access agreements in place with the local Ejido;
- Exploration/development team is embedded in the community with a local workforce
- Initiated Hydrological and Environmental baseline studies

Cerro Las Minitas

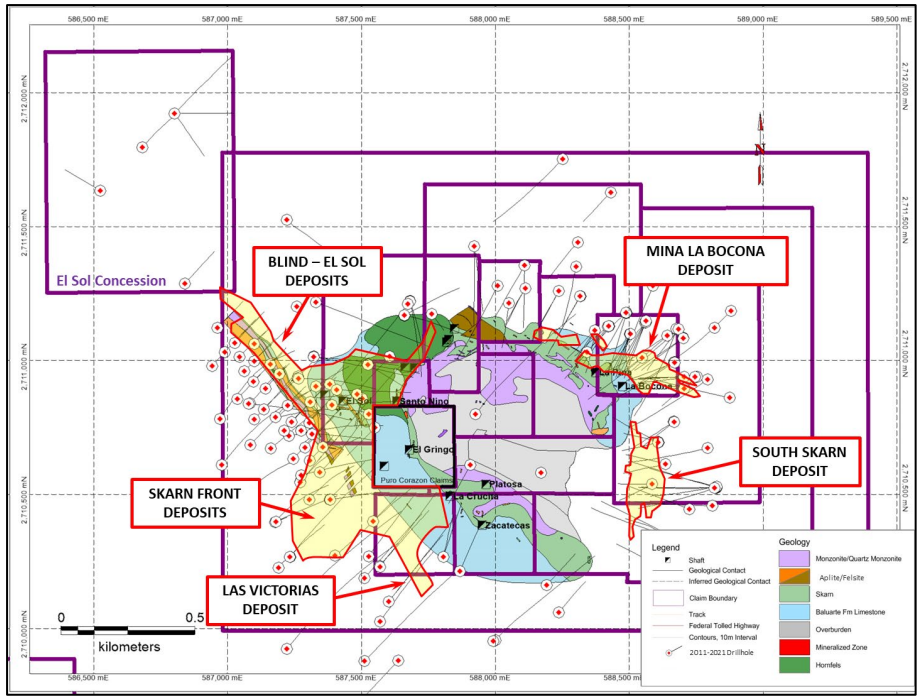
Looking North from the Autopista (Highway)



Cerro Las Minitas

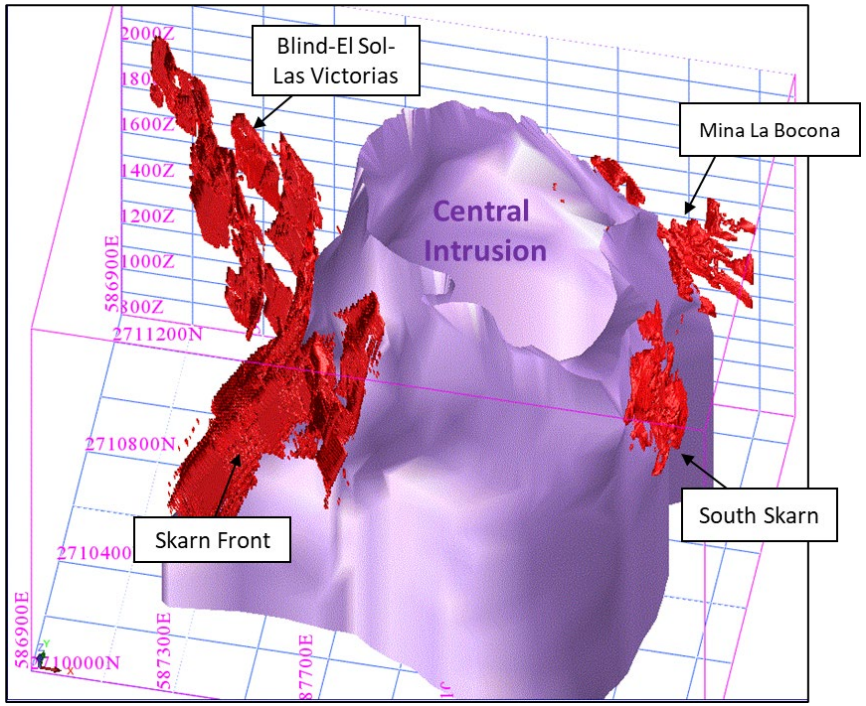
Site Geology and Deposit Distribution

A classic Ag-Pb-Zn CRD/Skarn system hosted in similar major polymetallic Mexican deposits



- A Central Monzonite acts as the heat pump to the mineralizing system
- Historic Mines are localized in the skarn/hornfelsed margin of the monzonite

Six deposits make up the current Mineral Resources



- Mineralization is localized in sub-vertical structures and on dyke margins in the Blind and El Sol deposits; and
- Semi-massive and massive sulphide lenses occur at the marble-skarn transition, adjacent to the monzonite contact in the Skarn Front, South Skarn and Mina La Bocona deposits

Cerro Las Minitas

New Discoveries and Resource Expansion

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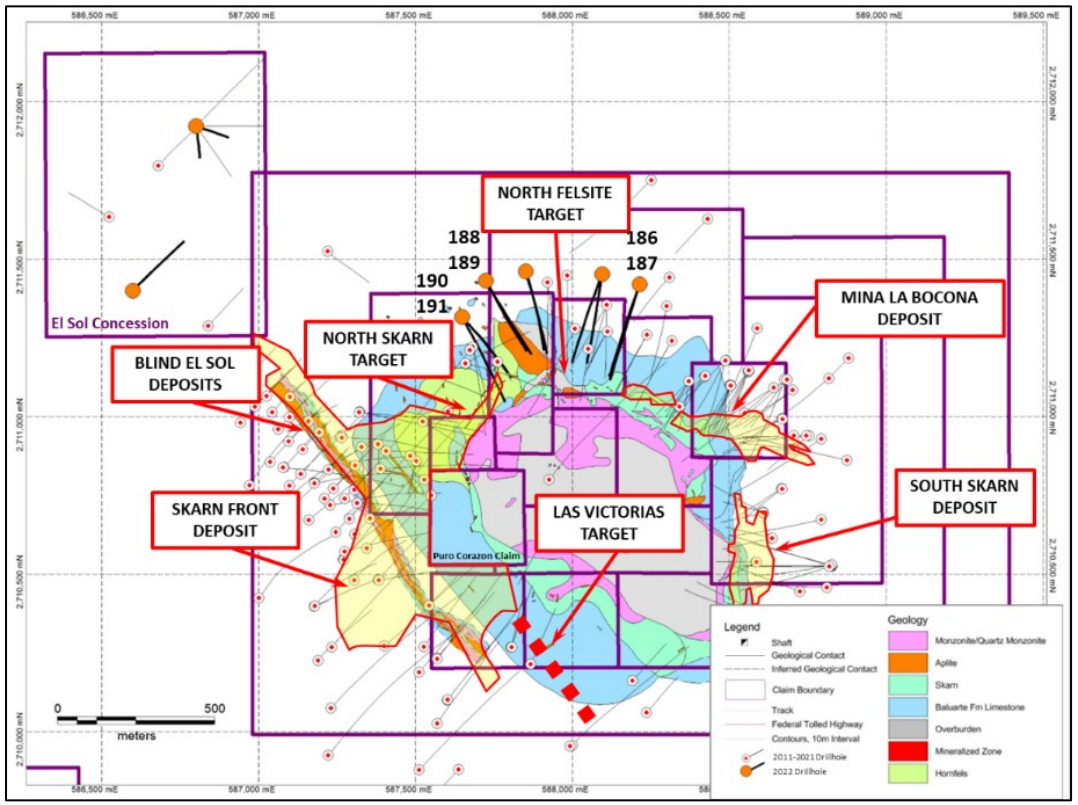
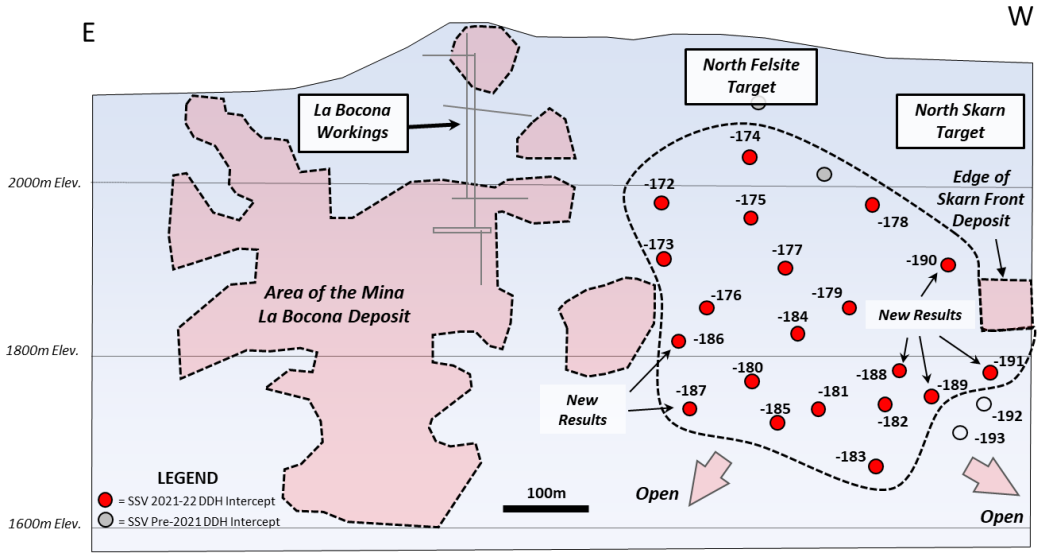
Over 15,000 metres of drilling have been completed along the northeast and northern targets in 2021-22

Drilling has now identified a 400 metre strike–length of mineralization connecting the Mina La Bocona to the Skarn Front Deposits





- *21CLM-175: 0.8m grading **2169 g/t AgEq** within 1.9m averaging **1530 g/t AgEq***
- *21CLM-177: 0.7m grading **1040 g/t AgEq** within 5.8m averaging **308 g/t AgEq***
- *21CLM-177: 3.0m averaging **713 g/t AgEq** within 11.8m averaging **336 g/t AgEq***
- *21CLM-179: 0.4m grading **1028 g/t AgEq** within 2.6m averaging **561 g/t AgEq***
- *21CLM-191: 1.5m averaging **1463 g/t AgEq** within 4.0m averaging **617 g/t AgEq***

Cerro Las Minitas

Next Steps

Work on the Cerro Las Minitas project over the coming months will continue to de-risk the project and add further value in preparation for the next stage of assessment

ESG - Continuing on the Pathway to Production

- Establish permitting parameters
- Environmental/Hydrology baseline studies
- Social/Government engagement

Technical Opportunities to Upgrade the Project Economics

- Adding mineral resources which may include further exploration drilling
- Ore-sorting to reduce plant size and tailings
- Evaluate gold recovery from both sulphide and oxide sources and impact on the cash-flow model

Preparation for Next Phase of Economic Assessment

- Establish Budgeting for:
  - Infill drilling: spacing study is underway
  - Geotech program
  - Further metallurgical testwork

Oro and Hermanas Project

Asset Overview

US Exploration

Southern continues to advance two earlier stage projects in southern New Mexico, giving the shareholder additional exposure to copper, gold and silver

- Oro Project
  - Large Laramide Cu-Mo-Au Porphyry system
- Hermanas
  - Widespread Au-Ag epithermal vein system.

Oro Project

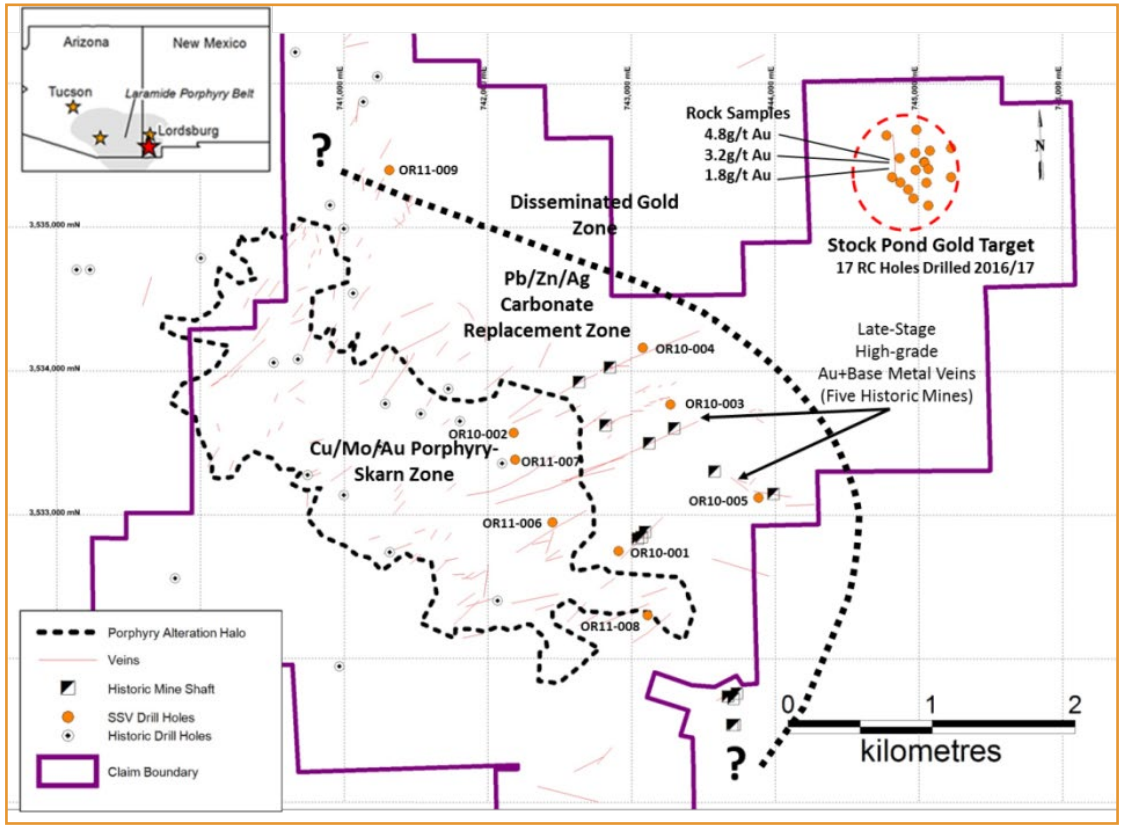
Asset Overview

The Company has Identified Favorable Targets to Provide Investors an Exposure to Copper

Oro Project, southern New Mexico

- **100% owned by SSV**
- **+$5 million spend in Acquisition and Exploration**
- **4050m core hole program completed**
- **22.4 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 recently concluded 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]
- **Exploration Summary:**
  - +300 line-kilometres Airborne Z-TEM survey completed over entire property to define potential Cu-Mo porphyry targets
  - New gold and Cu-Mo porphyry targets identified

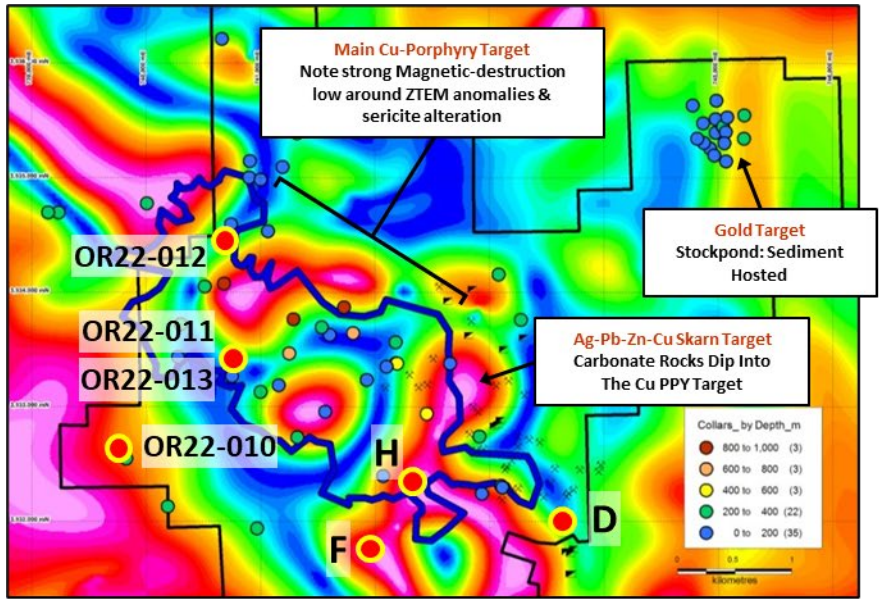
Property Map



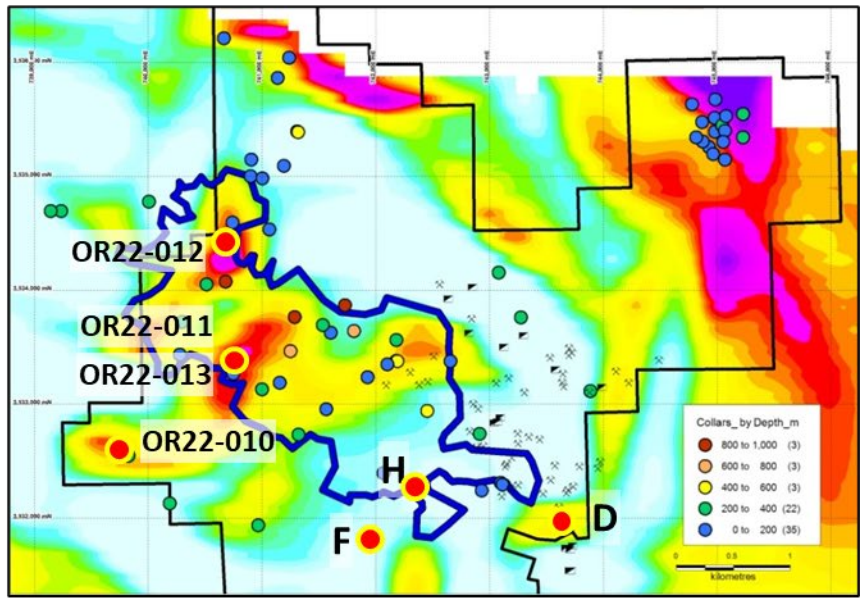
1. *All Reserves on this page are derived from company annual reports and are as of December 31st, 2014*

Oro Project

Drill Targeting on Porphyry and Skarn Targets



Selected Drill Targets (A to H) with RTP Magnetics @ 400m depth for background; high magnetic signature in red/magenta



Selected Drill Targets (A to H) with ZTEM Conductivity @ 400m depth; high conductive zones in red/magenta;

- Large zone of Magnetic-destruction coincident with conductive zones and surface sericite alteration
- Historic drillholes either terminated too early or drilled wide intervals of anomalous Cu-Au mineralization immediately adjacent to best ZTEM anomalies, which remain untested
- High potential for discovery of productive Cu-porphyry system at depth
- 4050m Core Drilling program recently completed; assays pending from two holes

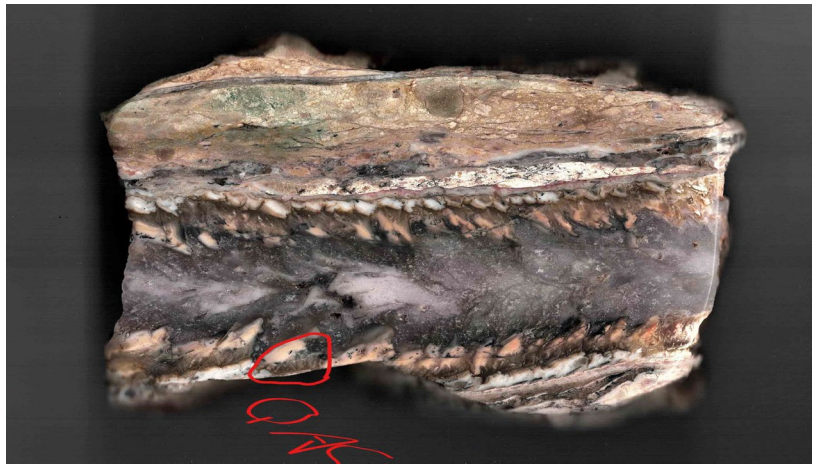
Hermanas Project

Drill Targeting on Porphyry and Skarn Targets

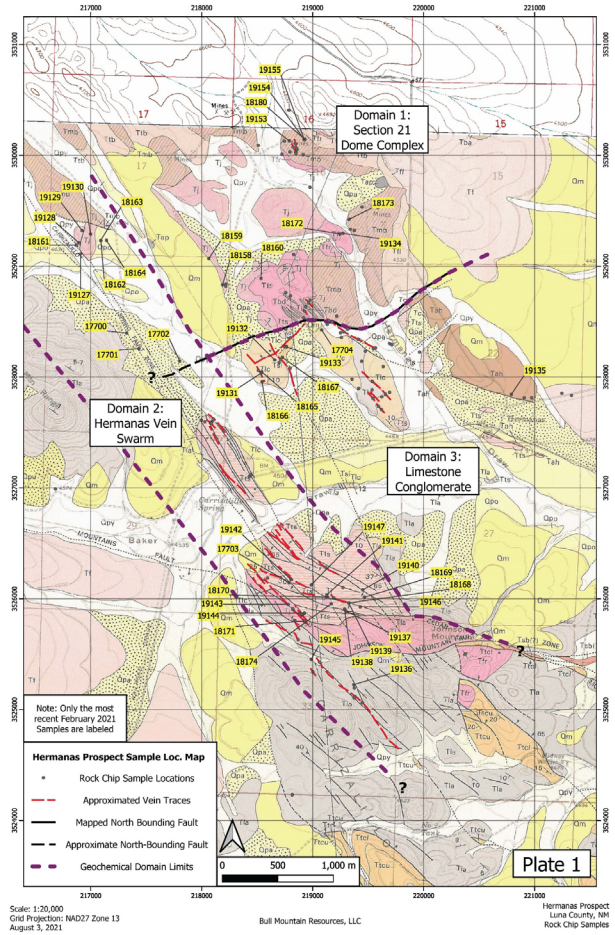
New Acquisition Provides Exposure to Large Au-Ag Vein System

Hermanas Project, southern New Mexico

- **Newly optioned from Bud and Nick Hillemeyer and Perry Durning**
- **Optioned by SSV to own 100%**
- **Geology Favorable for Large Epithermal Vein System**
  - Numerous occurrences of anomalous Au, Ag and pathfinder metals
  - High-level textures suggesting good exploration potential at depth
  - Limited historic drilling
- **Mapping, Sampling and Target Definition in Q1-Q2 2022**



Property Map



Why Southern Silver

Diverse Assets

Property Package with Exposure to both Precious and Base/EV Metals

PEA Results

Highlights Robust Asset Value of the CLM Project

Ongoing

CLM: ESG, Permitting, Engineering Upgrades Fall'22

Ongoing

Oro: Assays Pending

Hermanas: Drill Permitting for 2023

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*

Appendices

- **2021 Mineral Resource Estimate** (*as of October 27, 2021 using a US$60/t NSR cut-off*);
  - **Indicated – 137Moz AgEq 42.1Moz Ag, 44Mlb Cu, 358Mlb Pb and 895Mlb Zn (347g/t AgEq; or US$130 NSR/t)**
  - **Inferred – 198Moz AgEq: 73.6Moz Ag, 98Mlb Cu, 500Mlb Pb and 1,009Mlb Zn (314g/t AgEq or US$123 NSR/t)**

Indicated Resources		Average Grade								Contained Metal						
Zone	Tonnes (Kt)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Cu (%)	AgEq (g/t)	ZnEq (%)	NSR (US$/t)	Ag TrOz (000's)	Au TrOz (000's)	Pb (Mlbs)	Zn (Mlbs)	Cu (Mlbs)	AgEq TrOz (000's)	ZnEq Lbs (Mlbs)
Blind Zone	2,347	97	0.04	1.9	2.1	0.11	295	7.2	108	7,350	3	99	109	5.5	22,291	371
El Sol Zone	1,154	80	0.04	2.2	2.0	0.09	279	6.8	100	2,956	2	55	51	2.2	10,337	172
Skarn Front Zone	7,254	108	0.06	0.8	4.2	0.19	383	9.3	140	25,106	14	126	678	30.7	89,421	1,490
Bocona Zone	1,571	132	0.19	2.2	1.6	0.17	302	7.3	136	6,688	10	77	56	6.0	15,275	255
Total	**12,325**	**106**	**0.07**	**1.3**	**3.3**	**0.16**	**347**	**8.4**	**130**	**42,100**	**28**	**358**	**895**	**44**	**137,323**	**2,288**

Inferred Resources		Average Grade								Contained Metal						
Zone	Tonnes (Kt)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Cu (%)	AgEq (g/t)	ZnEq (%)	NSR (US$/t)	Ag TrOz (000's)	Au TrOz (000's)	Pb (Mlbs)	Zn (Mlbs)	Cu (Mlbs)	AgEq TrOz (000's)	ZnEq Lbs (Mlbs)
Blind Zone	1,347	83	0.14	1.4	1.8	0.06	248	6.0	88	3,582	6	40	55	2	10,749	179
El Sol Zone	863	65	0.03	1.8	2.3	0.05	263	6.4	90	1,816	1	35	43	1	7,283	121
Las Victorias Zone	1,083	148	0.66	2.1	2.6	0.14	431	10.5	145	5,152	23	51	62	3	15,006	250
Skarn Front Zone	11,466	115	0.05	0.7	2.7	0.32	318	7.7	126	42,462	18	177	687	80	117,065	1,951
South Skarn Zone	3,789	140	0.18	2.0	1.3	0.09	309	7.5	130	17,007	22	167	112	7	37,660	628
Bocona Zone	1,057	106	0.20	1.3	2.2	0.18	293	7.1	117	3,589	7	30	51	4	9,950	166
Total	**19,605**	**117**	**0.12**	**1.2**	**2.3**	**0.23**	**314**	**7.6**	**123**	**73,610**	**78**	**500**	**1,009**	**98**	**197,712**	**3,295**

Notes:

1) The current Resource Estimate was prepared by Garth Kirkham, P.Geo., of Kirkham Geosystems Ltd.

2) All mineral resources have been estimated in accordance with Canadian Institute of Mining and Metallurgy and Petroleum ("CIM") definitions, as required under National Instrument 43-101 ("NI43-101").

3) Mineral resources were constrained using continuous mining units demonstrating reasonable prospects of eventual economic extraction.

4) Silver Equivalents were calculated from the interpolated block values using relative recoveries and prices between the component metals and silver to determine a final AgEq value. The same methodology was used to calculate the ZnEq value.

5) Silver Equivalents and NSR$/t values were calculated using average long-term prices of $20/oz. silver, $1,650/oz. gold, $3.25/lb. copper, $1.0/lb. lead and $1.20/lb. zinc. All prices are stated in $USD.

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.

7) An Inferred Mineral Resource has a lower level of confidence than that applying to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.

8) All figures are rounded to reflect the relative accuracy of the estimate and therefore numbers may not appear to add precisely 0.

Capital Expenditures

Plant and Infrastructure Capex of $275M is distributed on a 40% (Yr -2), 55% (Yr -1), 5% (Yr 1) basis

Costing utilizes a mining contactor model

Initial Capital: US$341M

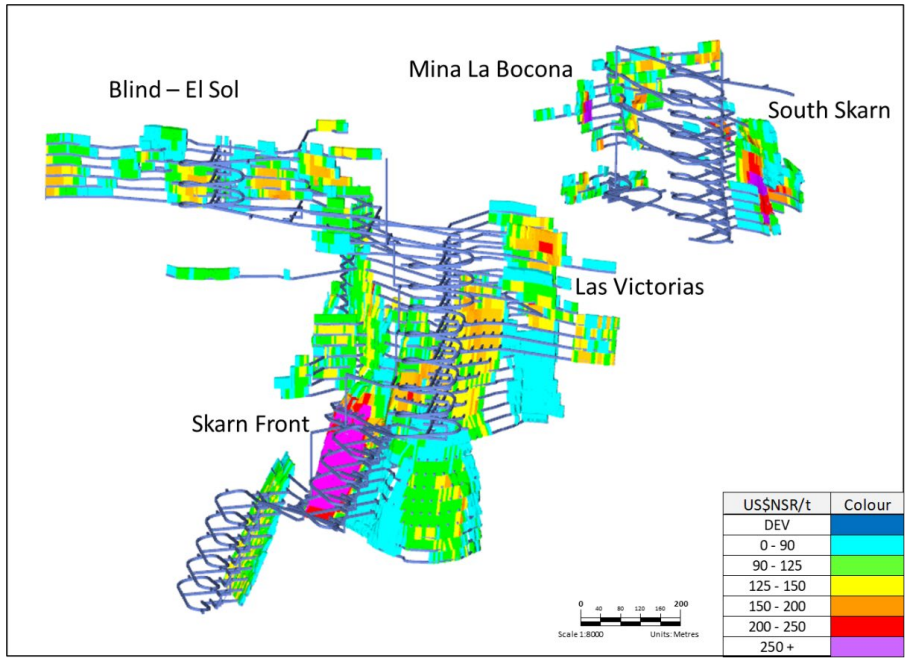
Total Capital: US$509M

Plant and Infrastructure Capital includes a 25% contingency (US$55M)

Capital Cost Breakdown

Item	Total ($M)
Process Plant and Infrastructure	
Project Directs including freight	$185
Project Indirects	$35
Contingency	$55
Sub-Total	**$275**
Process Pre-production	$3
Mining	
Pre-Production Capital Costs	$63
Total Initial Capital Costs	**$341**
Sustaining Capital	$168
Total Capital Costs	**$509**

Mine Plan - NSR Grade Distribution



Head Grades and Tonnes Processed

HEAD GRADES	Units	Y1-8	Y9-15	LOM
Total Tonnes Processed	(kt)	14,325	10,125	**24,451**
Avg. Annual Tonnes Processed	(kt)	1791	1446	**1,630**
Ag	(g/t)	120	96	**109.9**
Cu	(%)	0.14	0.29	**0.20**
Pb	(%)	1.4	0.6	**1.1**
Zn	(%)	2.8	2.3	**2.6**
AgEq	(g/t)	293	242	**272**

Current Mine Plan Utilizes Efficient Bulk-Mining Underground Methods

LOM Production: 24.5 Mt @ 0.2% Cu, 1.1 % Pb, 2.6 % Zn, 110 Ag, 0.09 g/t Au - Average NSR of $US 128 /t

Mining and Development:

- Longhole stoping with paste backfill
- SF = Hanging Wall Ramp with Longitudinal and Transverse
- SS / MLB = Footwall Ramp with Longitudinal Stoping
- Mine schedule is based on equipment quantities and productivities

Surface stockpile builds up to approximately 1.27 Mt

HEAD GRADES	Units	Y1-8	Y9-15	LOM
Total Tonnes Processed	(kt)	14,325	10,125	**24,451**
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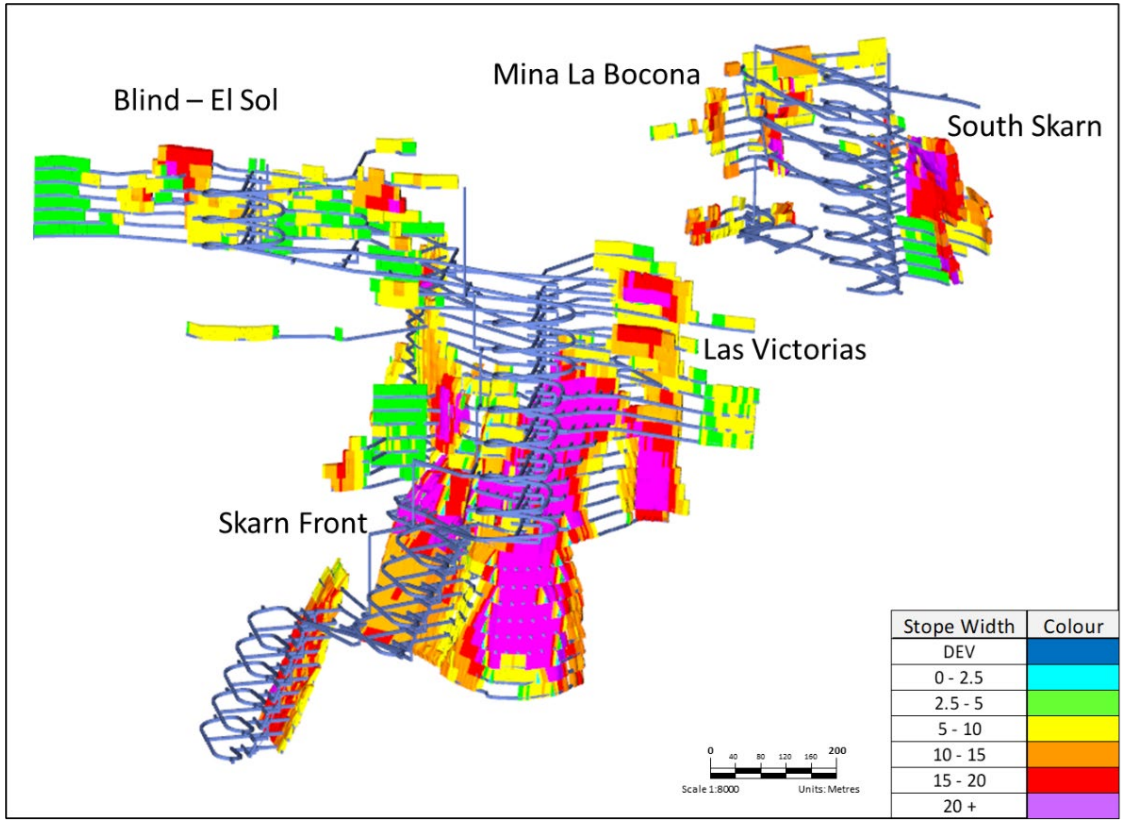
AgEq	(g/t)	293	242	**272**

Processed Tonnages and Higher Grade Mineralization is Scheduled Forward

Average Stope Width



Cerro Las Minitas

Sales – TCs and RCs

The project is expected to produce three clean, high-quality concentrates with minimal penalty elements

Batch/Locked cycle testwork/variability testwork programs over four years have confirmed:

- A Cu-Pb-Zn sequential flotation flowsheet for processing the sulphide mineralization
- Arsenic is efficiently rejected to tails; 80% of the ROM gold reports to the pyrite/arsenopyrite-rich concentrate

The high Ag grade in the Pb concentrate makes it attractive to smelters

Low penalty elements:

- Cd (in solution with Zn) ($49/t conc.)
- Sb (in solution with Pb) being the major source of Pb penalties ($27/t conc)

TCs: US$96/wmt (wet metric tonnes) for Pb concentrate and US$106/wmt for Zn concentrate.; moisture – 8.5%

Modelled Metal Recoveries

Item	Pb Conc.	Zn Conc.	Cu Conc.
Pb Recovery	88%		
Zn Recovery		93%	
Cu Recovery			60%
Ag Recovery	84%	7%	0%
Au Recovery			
Payable Metals	Pb, Ag	Zn, Ag	Cu
Concentrate grade, (primary base metal)	65%	53%	27%

Refining and Treatment

	Ag	Cu	Pb	Zn
Cu Concentrate				
Average Concentrate Grade LOM	-	27%	-	-
Payable Metal	-	95%	-	-
Minimum Deduction		1 unit		
Pb Concentrate				
Average Concentrate Grade LOM	6,350g/t	-	64.90%	-
Payable Metal	95%	-	95%	-
Minimum Deduction	50g/t	-	3 Units	-
Zn Concentrate				
Average Concentrate Grade LOM	179g/t	-	-	53.50%
Payable Metal	70%	-	-	85%
Minimum Deduction	3oz/t	-	-	8 units

The Operating Costs Reflect Underground Mining of Polymetallic Sulphide Mineralization

Operating costs are broken down into Mining, Processing, G&A and Treatment and Refining costs, plus additional production charges including government royalty, employee profit sharing and closure expenses.

Breakdown of Operating cost

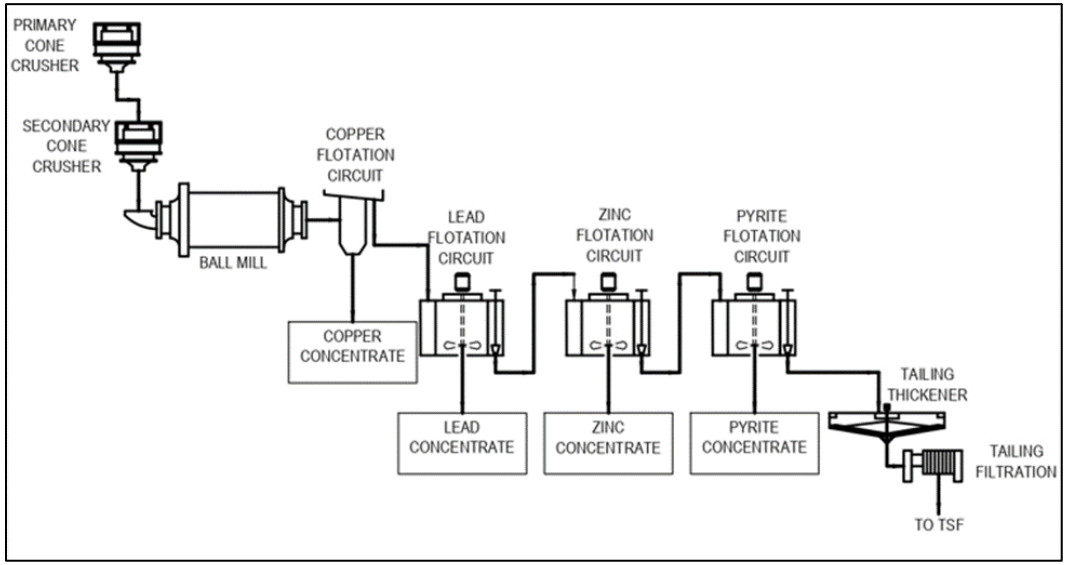
Area	US$/mt ore processed
Mine Operating Cost	$38.74
Process Plant Operating Cost	$15.12
G & A	$3.59
Treatment & Refining Charges	$22.66
Operating Cost	**$80.10**
Royalties - Revenue	$0.32
PTU-Profit Sharing	$4.15
Closure & Salvage Value	$0.17
Other Production Cost	**$4.63**
Total	**$84.74**

The Process Flowsheet Utilizes Conventional Sulphide Flotation and Produces Three Filtered Concentrates For Sale

The Flowsheet Includes:

- primary and secondary crushing
- a closed-circuit ball mill grinding; and
- a fourth pyrite-arsenopyrite-rich concentrate will be produced and sequestered.

Simplified Process Flowsheet



Cerro Las Minitas

Opportunities

The PEA has modelled robust annual average cashflow in the first eight years of production. New work will focus on increasing that value particularly in the later years of operation

Mine Life Extension:

- New mineralization added in the North Felsite and North Skarn areas in 2021-22. Other areas with exploration potential:
  - Las Victorias area
  - down-dip extensions in the La Bocona and South Skarn target

High Margin Options:

- Higher payable subsets of the Mine Production Schedule to be evaluated

Upgrade Resource:

- Infill drilling will upgrade resources into the M&I classification will increase confidence in the Mineral Resource estimate, potentially increase the value of and further de-risk the project

Gold Upside:

- Gold is not included as a payable in the current processing flowsheet
- Recent metallurgical testwork confirms a pyrite/arsenopyrite-rich concentrate containing 80% of the ROM gold. Further work is required to determine Au-recovery from this concentrate
- 270,000 tonnes of Au-Ag-enriched oxide mineralization is not included in the flowsheet and could be used to augment recovered gold from the pyrite-arsenopyrite-concentrate

Ore-Sorting:

- Positive initial test results suggest significant waste rejection and retention of mineral value. Further work is required