



FIRST MAJESTIC
SILVER CORP.



CORPORATE PRESENTATION

TSX | FR NYSE | AG FSE | FMV

Certain statements contained herein regarding First Majestic Silver Corp. (the “Company”) and its operations constitute “forward-looking statements” within the meaning of the United States Private Securities Litigation Reform Act of 1995 and applicable Canadian securities legislation concerning the business, operations and financial performance and condition of First Majestic Silver Corp. Forward-looking statements include, but are not limited to, statements with respect to the future price of silver and other metals, the global supply and market for precious metals, revenue, the estimation of mineral reserves and resources, the realization of mineral reserve estimates, the timing and amount of estimated future production, recovery rates, costs of production, capital expenditures, costs and timing of the development of new deposits, exploration programs, the timing and payment of dividends, timing and possible outcome of pending litigation,. Assumptions may prove to be incorrect and actual results may differ materially from those anticipated. Consequently, guidance cannot be guaranteed. As such, investors are cautioned not to place undue reliance upon guidance and forward-looking statements as there can be no assurance that the plans, assumptions or expectations upon which they are placed will occur.

Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward looking statements, including but not limited to: risks related to the integration of acquisitions; risks related to international operations; risks related to joint venture operations; actual results of current exploration activities; actual results of current reclamation activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of metals; possible variations in ore reserves, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing or in the completion of development or construction activities, changes in national and local government, legislation, taxation, controls, regulations and political or economic developments; operating or technical difficulties in connection with mining or development activities; risks and hazards associated with the business of mineral exploration, development and mining (including environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins and flooding); risks relating to the credit worthiness or financial condition of suppliers, refiners and other parties with whom the Company does business; inability to obtain adequate insurance to cover risks and hazards; and the presence of laws and regulations that may impose restrictions on mining, including those currently enacted in Mexico; employee relations; relationships with and claims by local communities and indigenous populations; availability and increasing costs associated with mining inputs and labour; the speculative nature of mineral exploration and development, including the risks of obtaining necessary licenses, permits and approvals from government authorities; diminishing quantities or grades of mineral reserves as properties are mined; the Company's title to properties as well as those factors discussed in the section entitled "Description of the Business - Risk Factors" in First Majestic Silver Corp.'s Annual Information Form for the year ended December 31, 2020, available on www.sedar.com, and Form 40-F on file with the United States Securities and Exchange Commission in Washington, D.C. Although First Majestic Silver Corp. has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. First Majestic Silver Corp. does not undertake to update any forward-looking statements that are incorporated by reference herein, except in accordance with applicable securities laws.

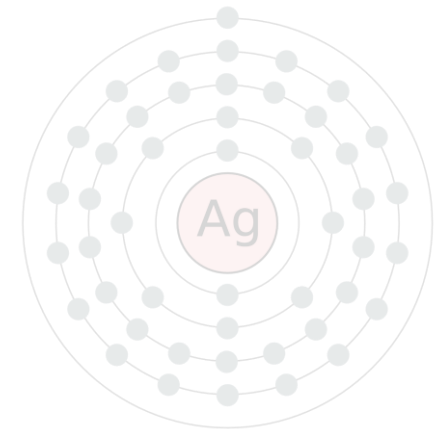
Resource and production goals and forecasts may be based on data insufficient to support them. Ramon Mendoza Reyes, P. Eng., Vice President of Technical Services is the certified Qualified Persons (“QP”) for the Company. The Company expressly disclaims any obligation to update any “forward-looking statements”.



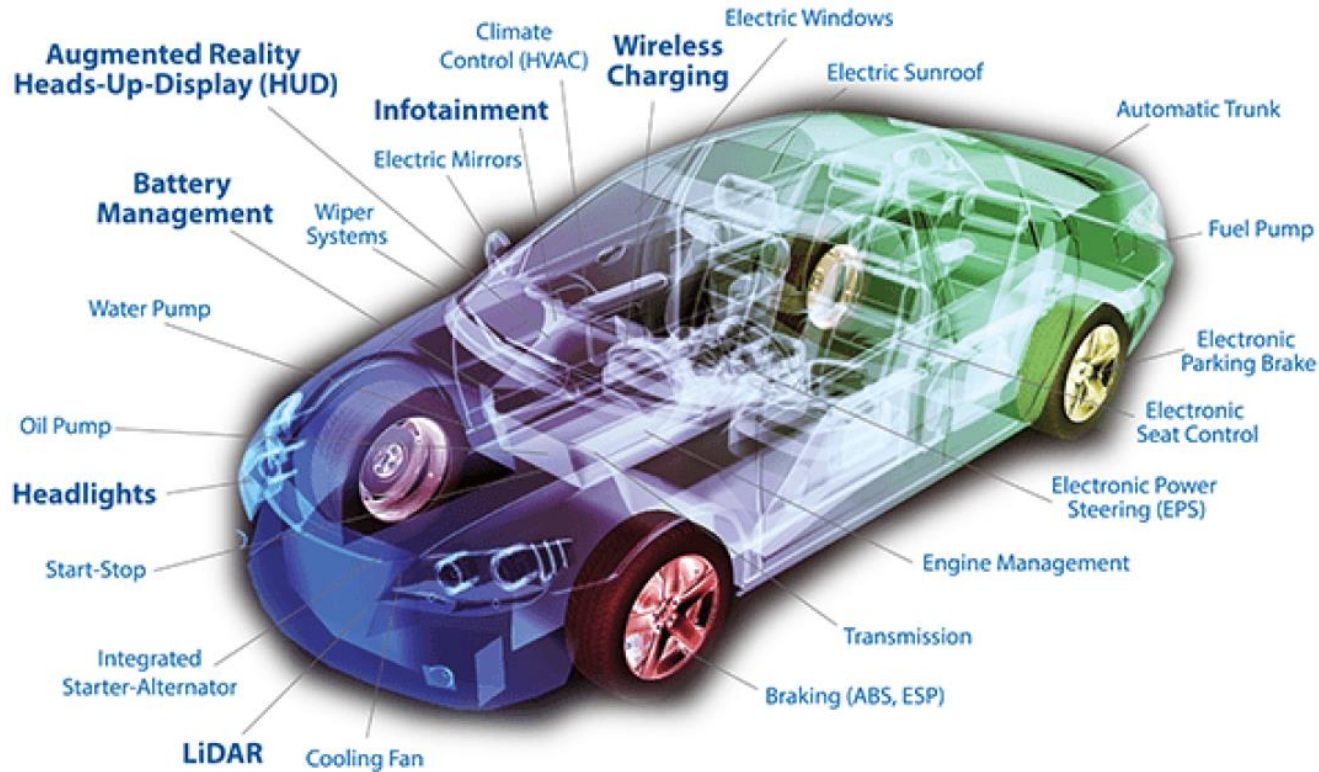
SILVER BASICS

- Annual silver consumption is ~**1.1B** ounces
- **80%** sourced from mining, **20%** sourced from recycling
- Over past **10** years, the silver industry has been in a **500M** ounce physical **deficit**
- Silver is one of the world's most **reflective** and best **conductors of electricity**
- **52%** of silver consumption is from industrial applications – electronics, medicine, solar, water purification, window manufacturing, etc.
- Demand by sector: **52%** industrial fabrication, **25%** coins & bars, **18%** jewelry, **5%** silverware
- Current silver to gold mine supply ratio: **7:1**

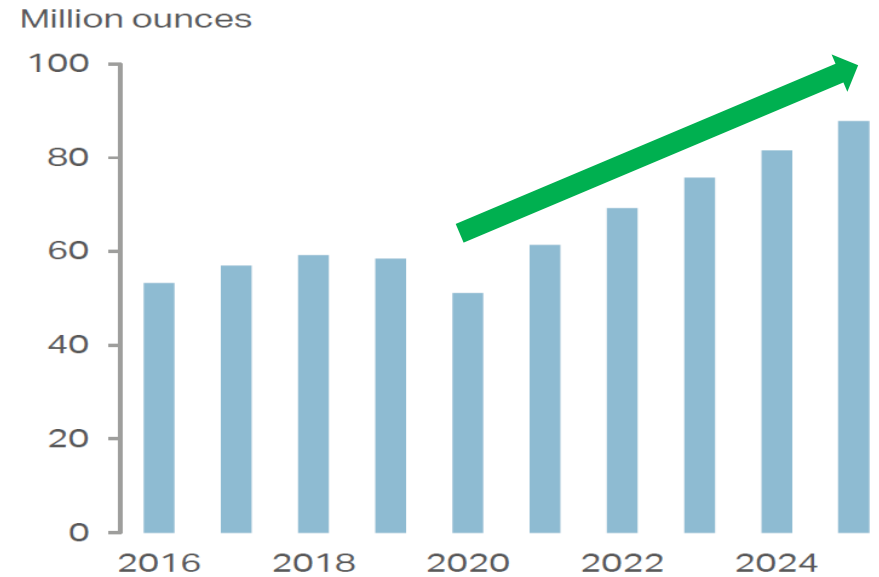
Mine Production Forecast



AS WE GO GREEN, WE REQUIRE MORE SILVER



Silver Automotive Demand



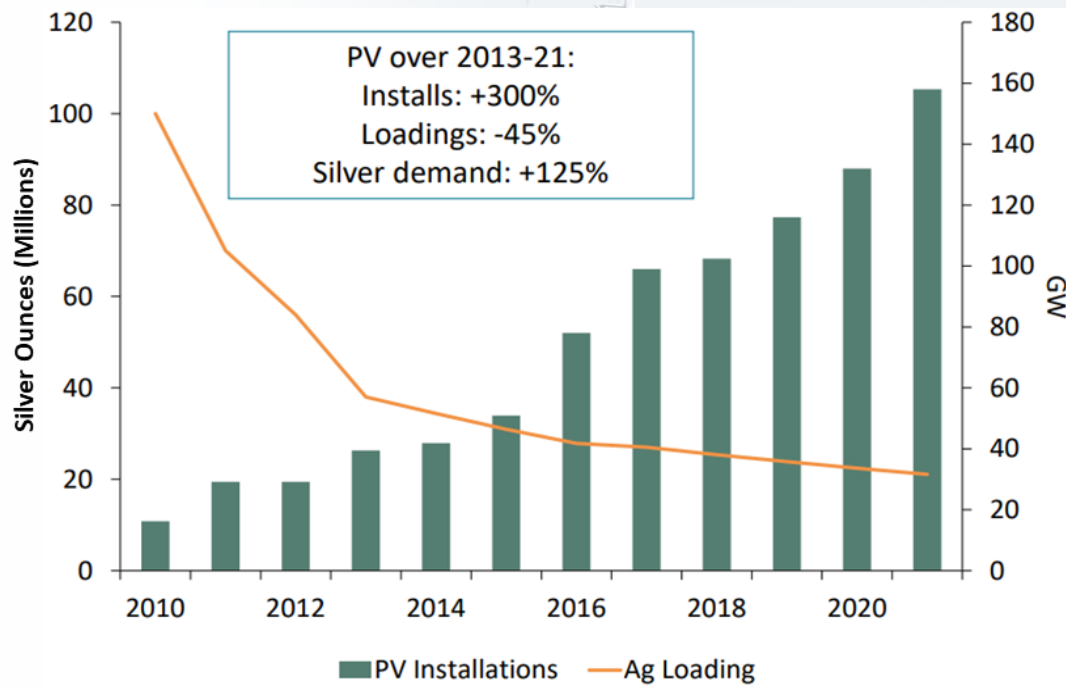
Source: WTWH Media, www.eeworldonline.com/component-corner-gas-or-gauss/

Source: Metals Focus

SILVER IS THE ENABLER...

GROWING DEMAND FROM SOLAR

Annual Silver Demand for Photovoltaic Solar Panels



Source: GTM, Metals Focus

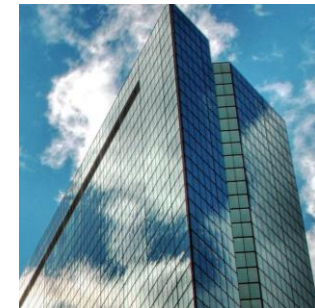
- Solar carports are one of the most viable options for refueling EV's
- Currently in use at a number of Walmart's, Federal & State offices and colleges across the United States
- US Department of Energy's National Renewable Energy Laboratory (NREL) says about 8,000 solar carport stations would be needed to provide a minimum level of urban and rural coverage nationwide



Solar energy is an inexhaustible fuel source that is pollution free. The technology is also versatile. Solar cells generate energy for satellites in Earth orbit and cabins deep in the Rocky Mountains as easily as they can power downtown buildings and cars.



EVERYDAY SILVER APPLICATIONS



WHAT GOLD IS TELLING SILVER

Gold/Silver Ratio



FIRST MAJESTIC SILVER

About The Company

Leverage to Silver

~50% of revenue from Silver (50% Gold)

North American Assets

Mexico and Nevada – Two premier mining jurisdictions

Multi-Asset Producer

Four doré producing Ag and Au mines; 5,300 direct employees

Large Land Package

Over 380,000 hectares of mining claims

Goal

Become World's largest primary silver producer

Top 20 Producing Silver Countries

Million ounces	2020	2021	Y/Y
Mexico	180.2	196.7	9%
China	109.5	112.9	3%
Peru	101.6	107.9	6%
Australia	43.0	42.9	0%
Poland	39.4	42.0	7%
Bolivia	29.9	41.5	39%
Chile	47.4	41.2	-13%
Russia	42.5	39.0	-8%
United States	31.7	32.5	3%
Argentina	22.7	26.5	16%
India	21.6	22.2	3%
Kazakhstan	17.4	15.3	-12%
Sweden	13.4	13.9	4%
Indonesia	8.3	10.8	30%
Morocco	8.0	9.3	16%
Canada	9.4	9.0	-5%
Uzbekistan	6.3	6.8	9%
Turkey	4.0	5.5	38%
Dominican Republic	4.1	3.4	-18%
Portugal	3.1	3.1	2%
Others	37.5	40.4	8%
Global Total	781.1	822.6	5%

Source: Metals Focus

NORTH AMERICAN ASSETS

IN PRODUCTION

- 1 San Dimas
- 2 Santa Elena
- 3 La Encantada
- 4 Jerritt Canyon

PROJECTS

- 5 La Parrilla
- 6 Del Toro
- 7 La Guitarra
- 8 San Martin



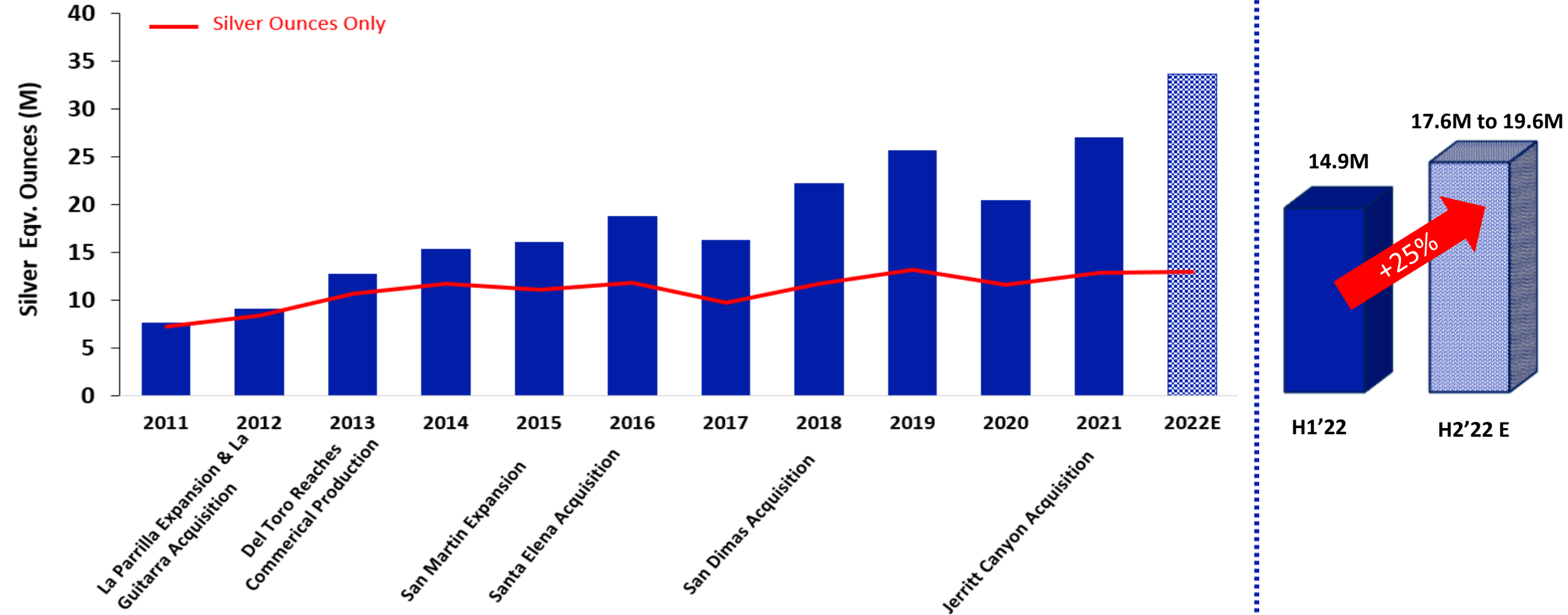
MEXICO



USA
NEVADA



STRONG PRODUCTION GROWTH



2022 GUIDANCE

	Silver Oz (M)	Gold Oz (k)	Silver Eqv Oz (M)	Cash Cost	AISC
Silver:				(\$ per AgEq oz)	(\$ per AgEq oz)
San Dimas, Mexico	6.6 – 7.0	74 – 79	12.8 – 13.6	9.16 – 9.47	12.46 – 12.98
Santa Elena, Mexico	1.6 – 1.7	85 – 90	8.7 – 9.2	11.33 – 11.74	13.50 – 14.05
La Encantada, Mexico	3.0 – 3.2	–	3.0 – 3.2	15.10 – 15.56	18.51 – 19.16
Mexico Production	11.2 – 11.9	160 – 169	24.5 – 26.0	10.66 – 11.02	15.17 – 15.79
Gold:				(\$ per AuEq oz)	(\$ per AuEq oz)
Jerritt Canyon, USA	–	96 – 103	8.0 – 8.6	1,744 – 1,817	2,012 – 2,103
Total Production				(\$ per AgEq oz)	(\$ per AgEq oz)
Consolidated	11.2 – 11.9	256 – 273	32.6 – 34.6	13.21 – 13.69	17.68 – 18.42

*Certain amounts shown may not add exactly to the total amount due to rounding differences.

*Cash Costs and AISC are non-GAAP measures. Consolidated AISC includes Corporate General & Administrative cost estimates and non-cash costs of \$1.44 to \$1.52 per payable silver equivalent ounce.

*Metal price & FX assumptions for calculating equivalents are silver: \$20.50/oz, gold: \$1,750/oz, 20:1 MXN:USD

CAPITAL INVESTMENTS

2022E Capex Breakdown:

- \$90M – U/G Development
- \$36M – Exploration
- \$44M – PP&E
- \$29M – Corporate Projects

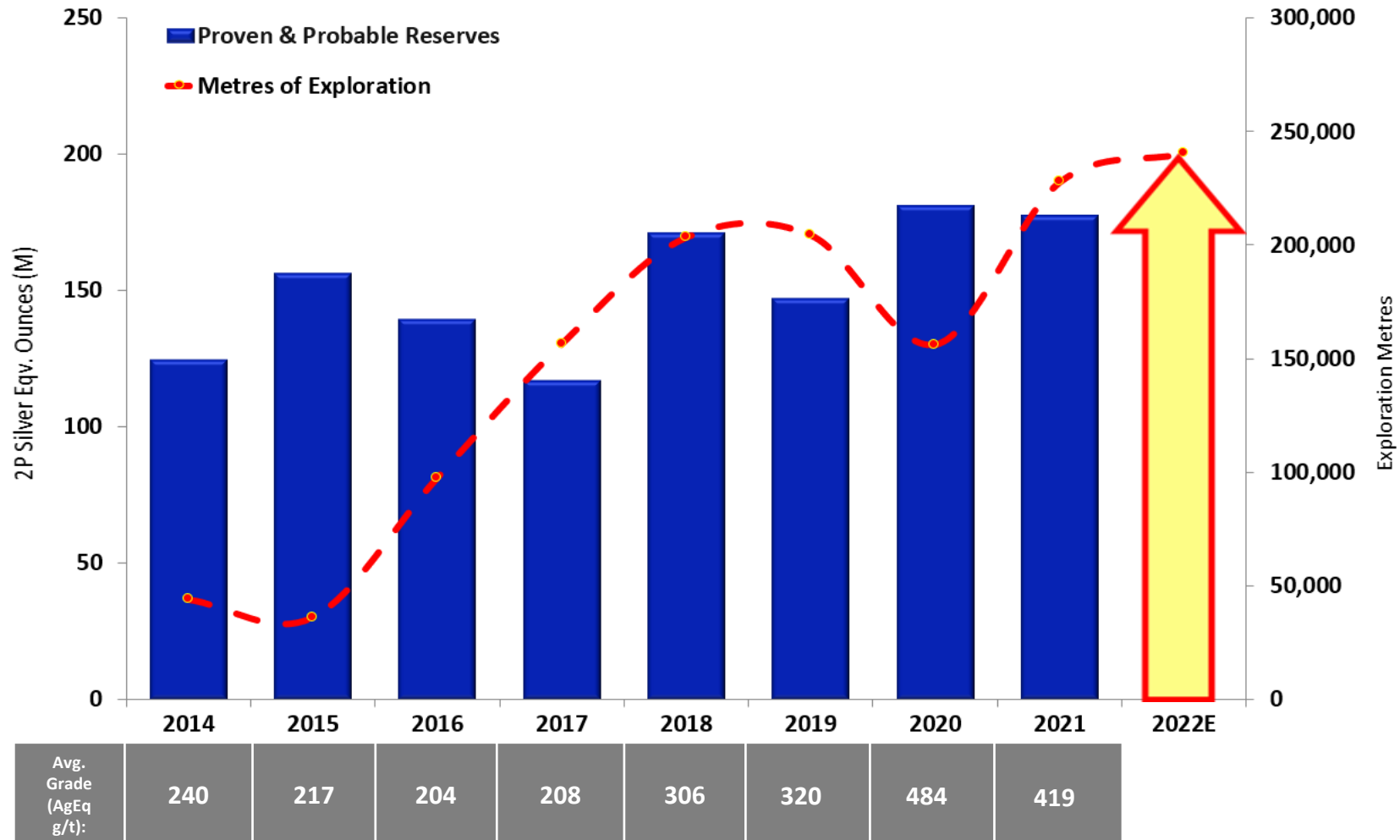
Capital Expenditures (Millions \$USD)



Silver Eqv. Ounces Produced (Millions)



RESERVE GROWTH

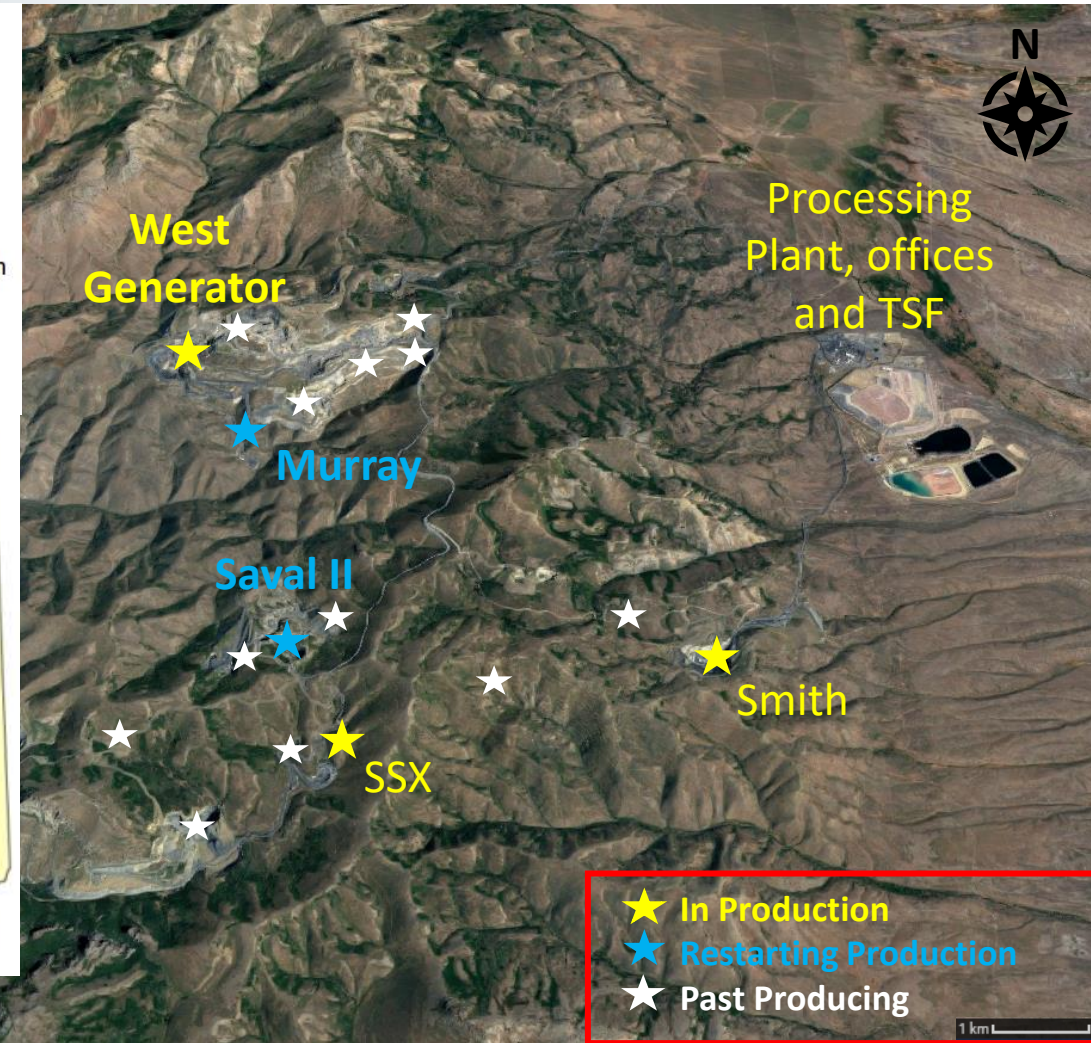
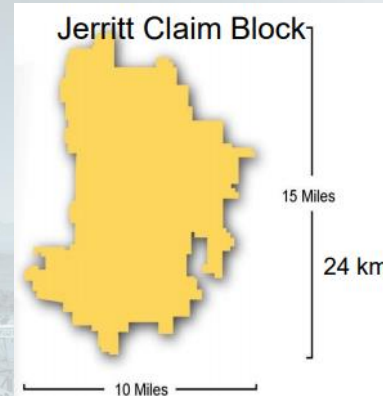


30 Drill rigs currently active across the Company

# Drill Rigs	Surface	Underground
San Dimas	1	10
Jerritt Canyon	1	10
Santa Elena	4	2
La Encantada	1	1

JERRITT CANYON OVERVIEW

- Located in Elko County, Nevada
- Deposit discovered in 1972 and has been in production since 1981
- Produced over **10.0 Moz gold** in 40-year production history
- Production currently comes from **three underground areas** (SSX, Smith and West Generator)
- Restarted the West Generator mine in June 2022
- Restarting the Murray & Saval II underground mines with **increased throughputs and grades** anticipated in 2023
- The operation includes **one of only three permitted roasters** in Nevada to recover gold
- Processing plant has the capacity of **4,000 tpd**; currently averaging 2,500 tpd
- Property consists of large, under explored land package consisting of **30,821 hectares** (119 square miles)



JERRITT CANYON GOLD MINE



- Brought in new site management consisting of 24 high-performance individuals
- Restarting the West Generation & Saval II underground mines which is expected to increase production and reduce AISC
- Mine production is expected to be over 3,000 tpd by the end of 2022

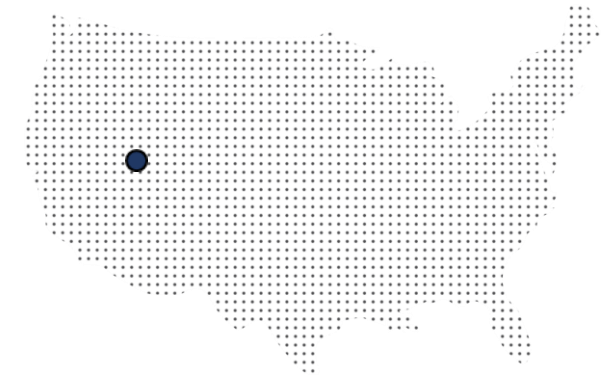
2022E Operational Highlights

Mill Throughput: 2,500 tpd

2022E Production: 96,000 – 103,000 Au oz
(8.0M – 8.6M AgEq oz)

2022E AISC: \$2,012 - \$2,103

Produces: 100% Doré

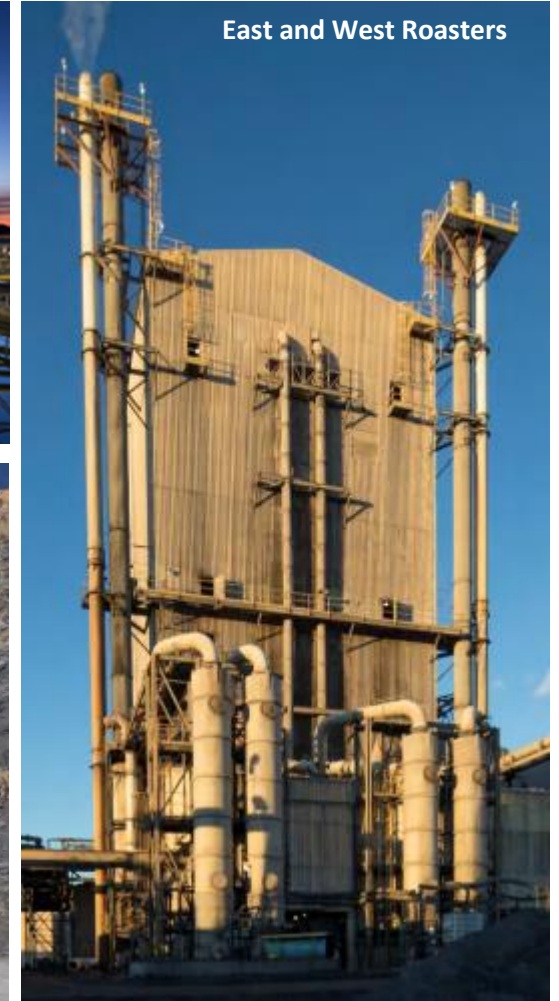


	Quarter End			Full Year 2021**
	Q2 2022	Q1 2022	Q2 2021*	
Gold production (oz)	18,632	20,707	18,762	68,567
Gold grade (g/t)	3.40	3.39	4.03	3.84
Cash costs / oz (\$US)	\$1,989	\$2,120	\$1,407	\$1,624
All-in Sustaining cost / oz (\$US)	\$2,429	\$2,488	\$1,679	\$2,048

*Represents two months of production
**Full Year results from April 30 to December 31

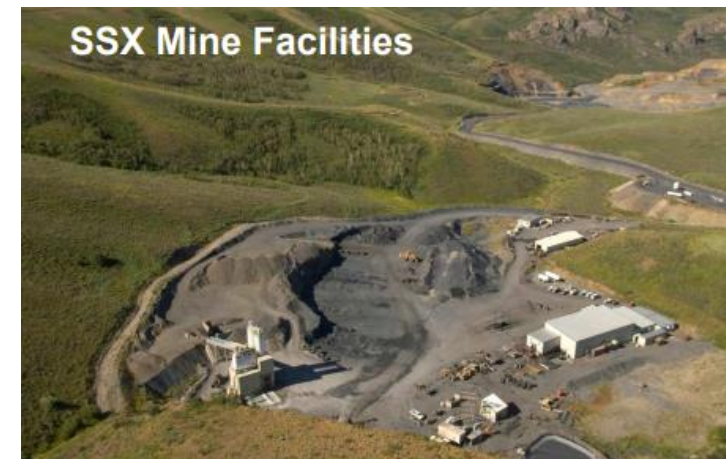
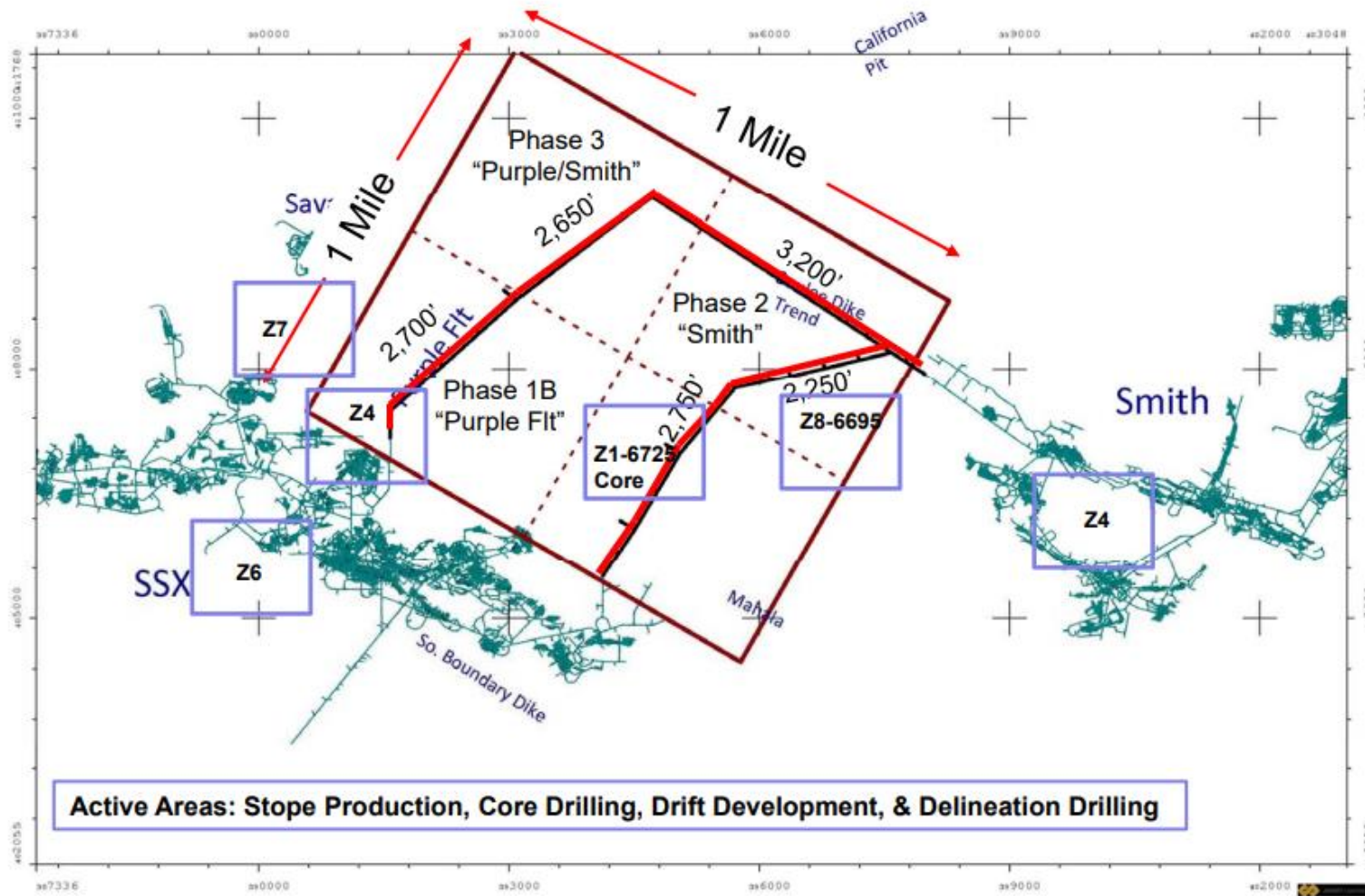
SIGNIFICANT UPSIDE POTENTIAL

- Increase mining rates to fill capacity of processing plant
- Ability to create value through significant underground operating experience
- Near-term brownfield potential between the SSX and Smith
- Exceptional exploration potential property wide
- Potential of open pit pushbacks for future mill feed
- Open to ore purchase agreements with third parties to fill roaster excess capacity
- Improvements in metallurgical recoveries through fine grinding and other R&D



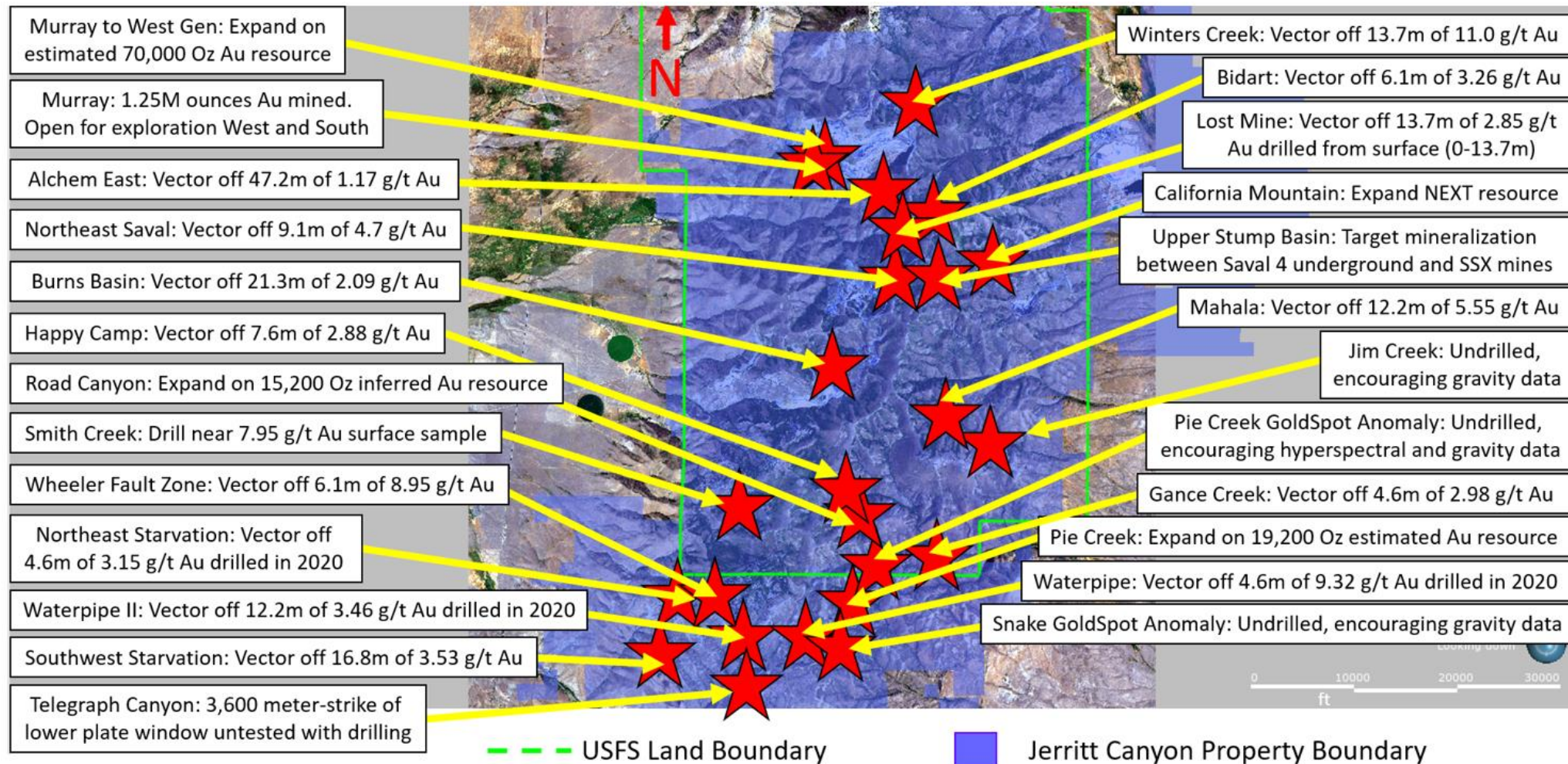
CONNECTING SSX & SMITH MINES

Connection drift was completed at the end of 2021

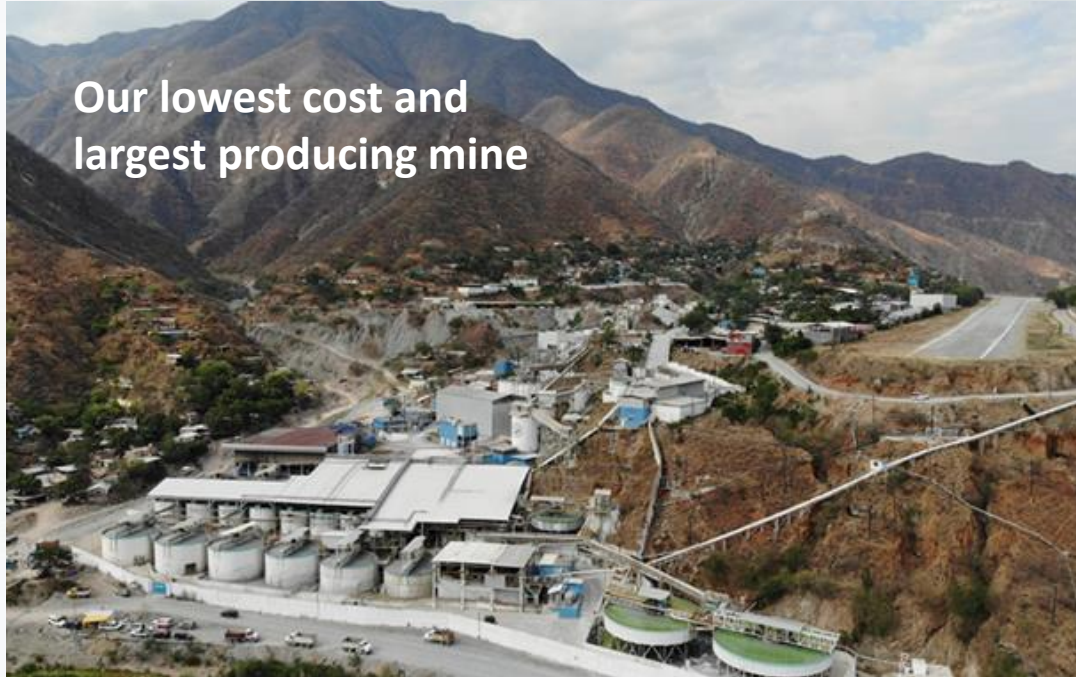


2022 EXPLORATION PROGRAM

Approximately **135,000 metres** of exploration drilling planned to test over **25** high-priority targets



SAN DIMAS SILVER / GOLD MINE



Our lowest cost and largest producing mine

2022E Operational Highlights

Mill Throughput: **2,200 tpd**

2022E Production: **6.6M – 7.0M Ag oz
(12.8M – 13.6M AgEq oz)**

2022E AISC: **\$12.46 – \$12.98**

Produces: **100% Doré**

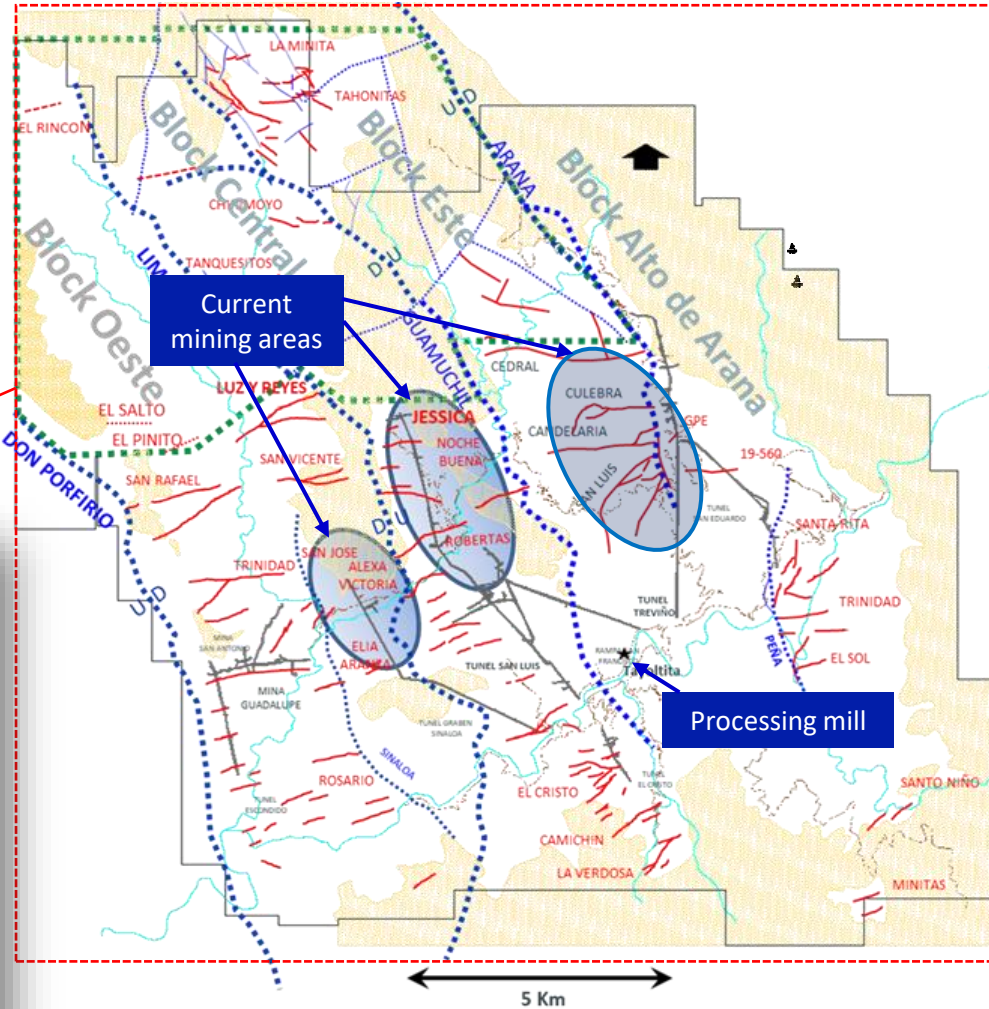
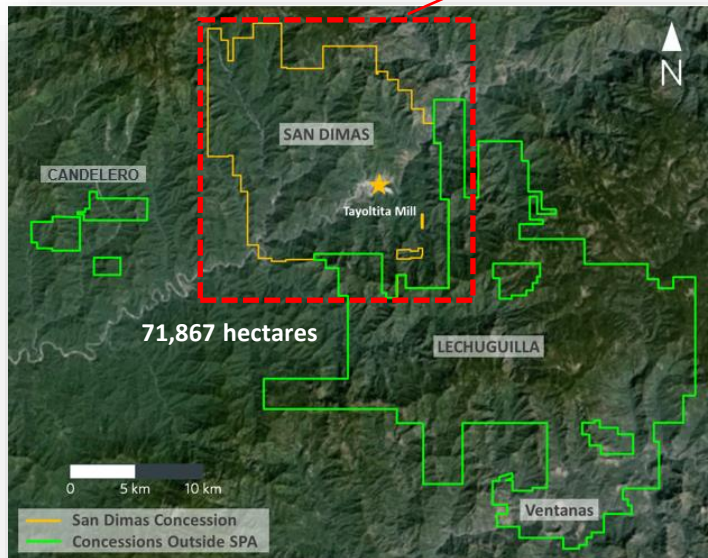


- Over 50% of the power requirements provided by environmentally clean, low-cost hydroelectric power
- Potential to expand hydroelectric dam in order to supply ~100% power to the operation and town
- Stope preparation and ventilation work under way at the Perez Vein in anticipation of initial production in H2 2022

	Quarter End			Full Year 2021
	Q2 2022	Q1 2022	Q2 2021	
Silver production (oz)	1,527,465	1,632,117	1,868,031	7,646,898
Silver eqv. production (oz)	3,046,665	3,080,940	3,176,725	13,525,049
Silver grade (g/t)	257	282	301	305
Gold grade (g/t)	3.01	3.09	3.07	3.19
Cash costs / oz (\$US)	\$10.41	\$9.41	\$10.17	\$9.01
All-in Sustaining cost / oz (\$US)	\$14.97	\$12.98	\$14.22	\$12.70

SAN DIMAS REGIONAL MAP

- First reported mining in the San Dimas district in 1757 – over 250 years ago
- Considered to be one of the most significant precious metal mining districts in Mexico
- Historic production estimated at 11M Au oz & 580M Ag oz
- Over 500 km of underground development



Tayoltita Portal and Rail Restoration



LA ENCANTADA SILVER MINE



2022E Operational Highlights

Mill Throughput: 2,900 tpd
 2022E Production: 3.0M – 3.2M Ag oz
 2022E AISC: \$18.51 – \$19.16
 Produces: 100% Doré



- Natural gas generators currently supplying 90% of power requirements
- Achieving higher recoveries with recent changes made to milling operations and improved ore production from caving
- Developing access into the Ojuelas & Beca deposits which contains higher silver grades for initial ore extraction in H2 2022

	Quarter End			Full Year 2021
	Q2 2022	Q1 2022	Q2 2021	
Silver production (oz)	863,510	644,009	840,541	3,241,555
Silver eqv. production (oz)	871,365	651,875	847,502	3,274,798
Silver grade (g/t)	141	108	138	130
Cash costs / oz (\$US)	\$14.09	\$16.41	\$13.66	\$13.49
All-in Sustaining cost / oz (\$US)	\$16.65	\$19.63	\$15.97	\$16.66

SANTA ELENA SILVER/GOLD MINE



2022E Operational Highlights

Mill Throughput: 2,500 tpd

2022E Production: 1.6M – 1.7M Ag oz
(8.7M – 9.2M AgEq oz)

2022E AISC: \$13.50 – \$14.05

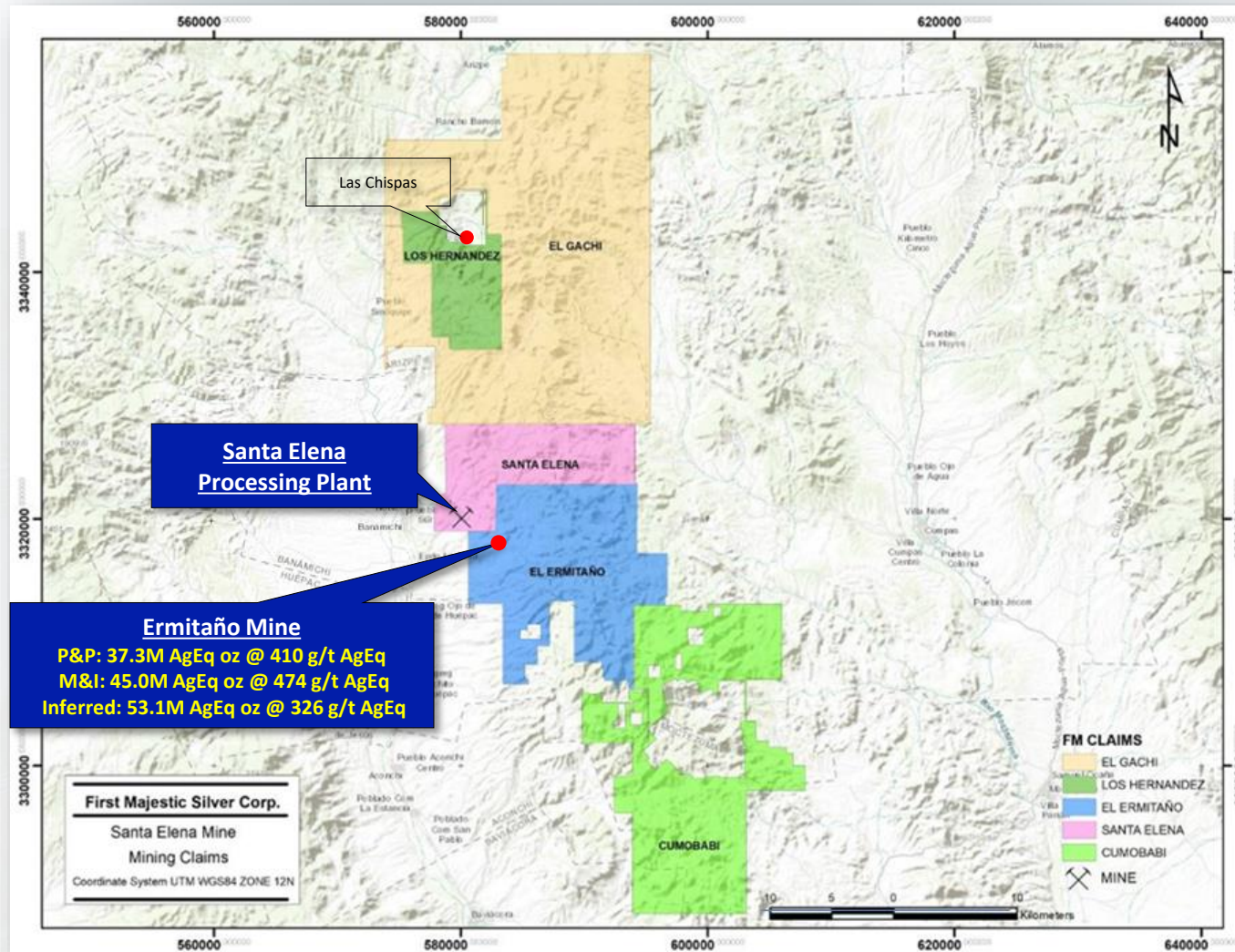
Produces: 100% Doré



- Latin America’s first successful HIG mill installation which processes hard-rock, run of mine ore to improve recoveries
- Upgrading the LNG facility with four additional generators, increasing power capacity to support the Ermitaño mine (expanding to 24MW from 14 MW)
- Certified ISO 9001 Assay Lab on site, increasing reliability as well as reducing costs and allowing for faster assay turnaround times
- Installing dual-circuit process in 2022 for finer grinding (30 microns) and improve recoveries and increase plant capacity

	Quarter End			Full Year 2021
	Q2 2022	Q1 2022	Q2 2021	
Silver production (oz)	384,953	337,201	565,453	1,954,492
Silver eqv. production (oz)	2,241,763	1,868,787	1,140,398	5,041,937
Silver grade (g/t)	67	68	81	77
Gold grade (g/t)	3.26	3.30	1.17	1.58
Cash costs / oz (\$US)	\$12.34	\$12.96	\$16.70	\$15.40
All-in Sustaining cost / oz (\$US)	\$15.34	\$16.31	\$21.31	\$19.20

REGIONAL POTENTIAL



Vein Outcropping at Ermitaño

Exploration Upside

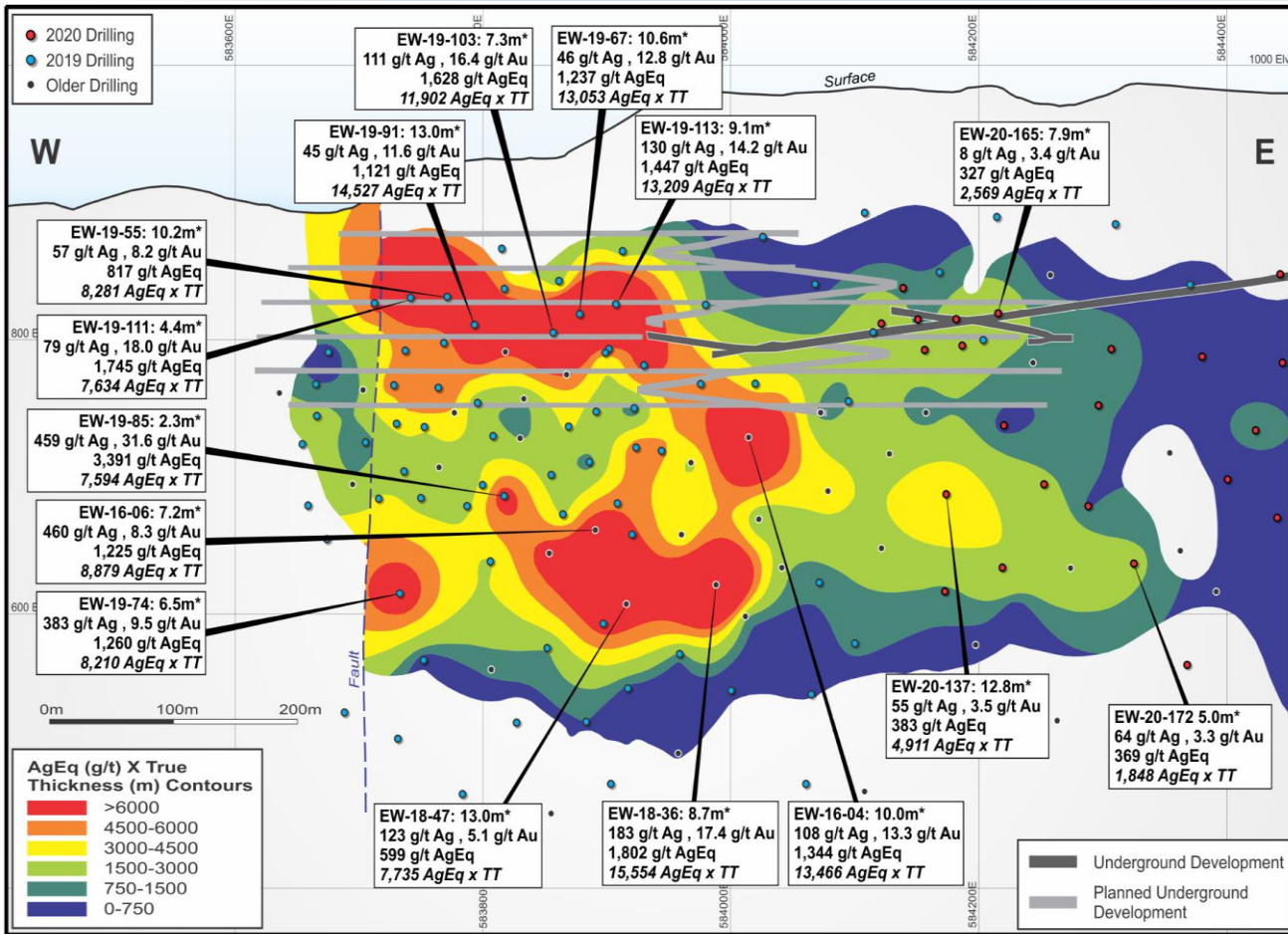
- Large land package of mining claims covering 102,244 hectares
- New discovery made at Ermitaño in late 2016
- Identified multiple prospective veins within a 5Km radius of the processing plant and planning to drill test in Q3 2022

-For full Mineral Resource details, please refer to the 2020 Santa Elena Silver/Gold Mine NI 43-101 Technical Report

SANTA ELENA'S ERMITAÑO MINE

- Hole 16-04: 9.9 metres grading 1,209 g/t AgEq • Hole 18-47: 13.0 metres grading 547 g/t AgEq • Hole 19-91: 13.0 metres grading 1,003 g/t AgEq

- Not subject to Sandstorm stream
- Production to ramp up 2022 - 2023
- Completed 30,300 metres of drilling in 2021
- PFS released in November 2021



Inaugural doré pour from Ermitaño

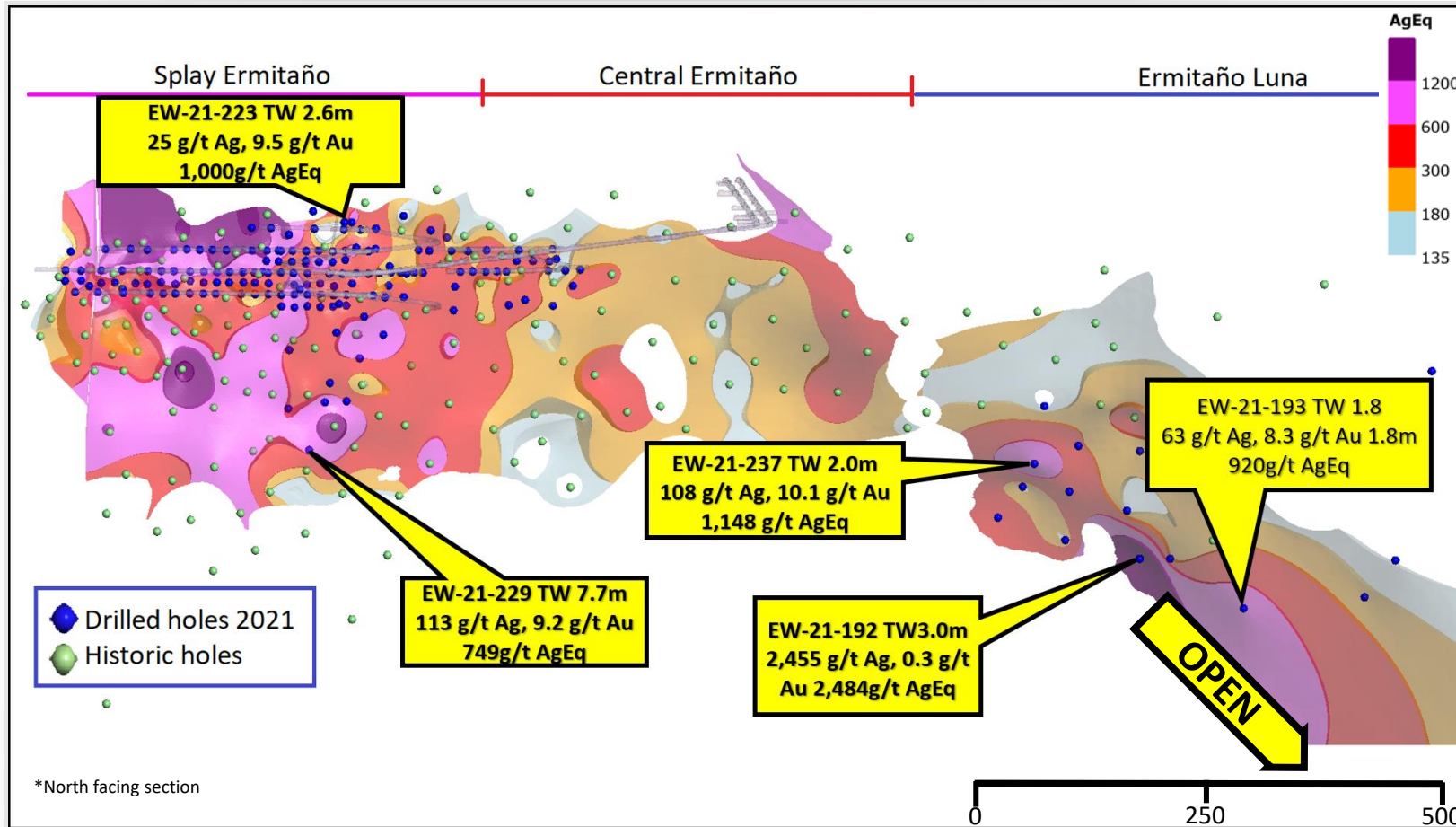


East & West Portals

Category	Tonnes (k)	Ag (g/t)	Au (g/t)	Ag-Eq (g/t)	Ag (M oz)	Au (k oz)	Ag-Eq (M oz)
Proven & Probable	2,835	54	3.69	410	4.9	337	37.3
Measured & Indicated	2,958	61	4.27	474	5.8	406	45.0
Inferred	5,072	64	2.70	326	10.6	440	53.1

Measured & Indicated Resources are inclusive of Mineral Reserves

RESOURCE EXPANSION AT ERMITAÑO

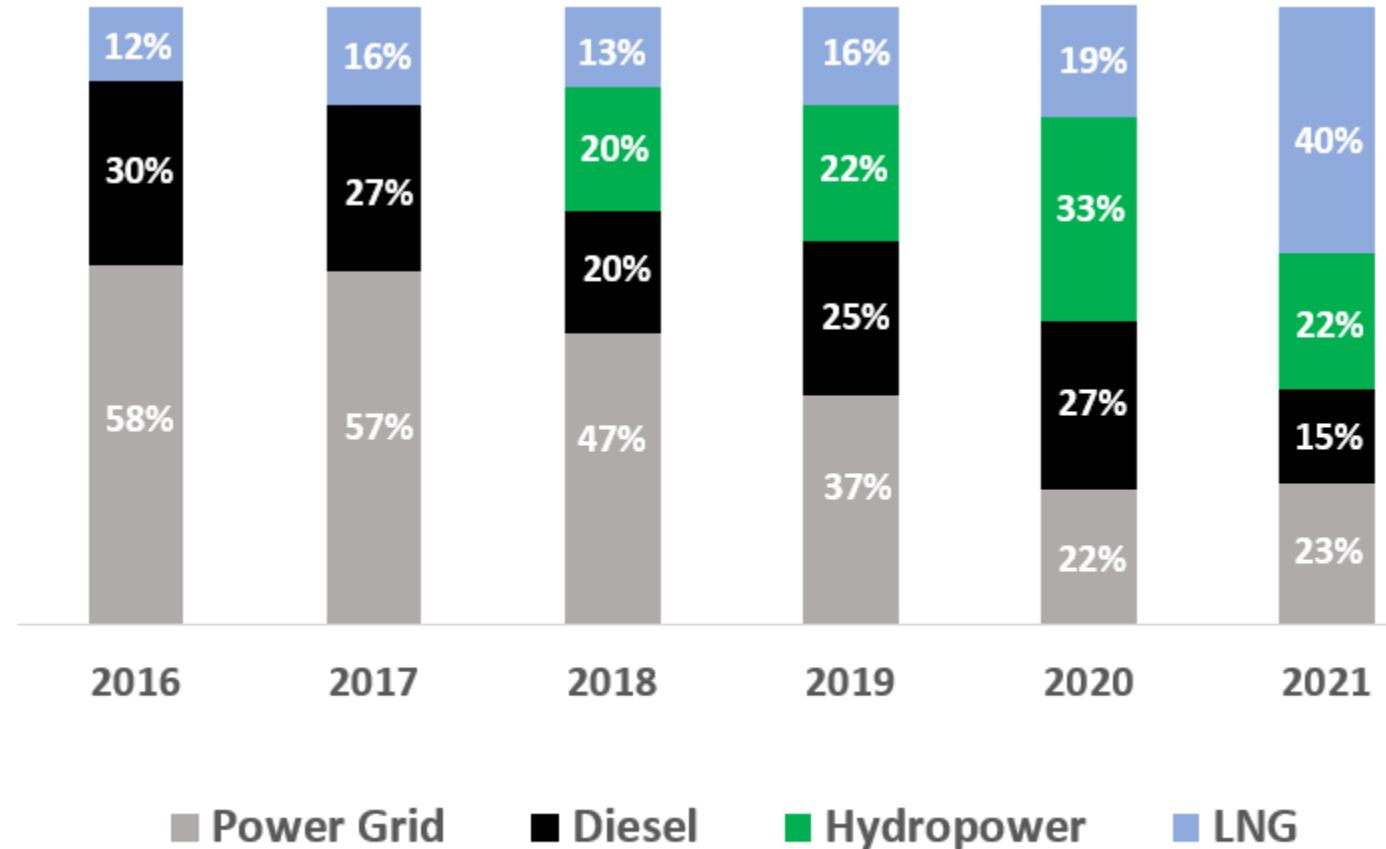


- Planning to drill ~23,000 metres in 2022 to expand the existing resource
- System remains open to the East and at depth
- Potential for look-alike deposit at Ermitaño Luna



- Over the last five years, the Company has focused on reducing its consumption of fossil fuels, like diesel and electricity supplied to the grid by coal burning power plants
- In 2016, the La Encantada operation was converted from diesel to clean burning liquefied natural gas “LNG”
- In 2018, hydropower was introduced when the Company purchased the San Dimas mine. The operation and town of Tayoltita source ~50% of their power supply from low-cost, hydro electric power
- In 2021, the Santa Elena operation was converted from diesel to LNG

Energy Sources at Our MEX Operations



* Excludes Jerritt Canyon
 * Amounts calculated based on kWh

FUTURE CATALYSTS

- Production ramp up at Santa Elena's Ermitaño Mine in 2022 (1,000 tpd) and 2023 (2,000 tpd)
- Unlocking value at Jerritt Canyon through increased exploration and development rates to increase production and lower costs
- Restarting the Saval II & Murray underground mines at Jerritt Canyon with increased throughputs and grades anticipated in 2023
- Dual-circuit commissioning at Santa Elena processing plant to increase metallurgical recoveries from Ermitaño
- Continued Resource expansion potential at Santa Elena's Ermitaño Mine
- Continued improvements in metallurgical recoveries through implementation of fine grinding & other R&D
- Higher Silver Prices!!



Santa Elena's LNG Power Plant

SHAREHOLDER INFORMATION

Capital Structure:

Market Capitalization:	\$2.0B
Shares Outstanding:	263M (FD 276M)
3M Avg. Daily Volume (NYSE & TSX):	7.7M Shares ~\$61M
Cash:	\$117.7M
Share Price:	\$7.60
52 Week Low/High:	\$6.31 / \$14.67
Convertible Debt @ 0.375%:	\$185.9M

*All amounts are in U.S. dollars unless stated otherwise.

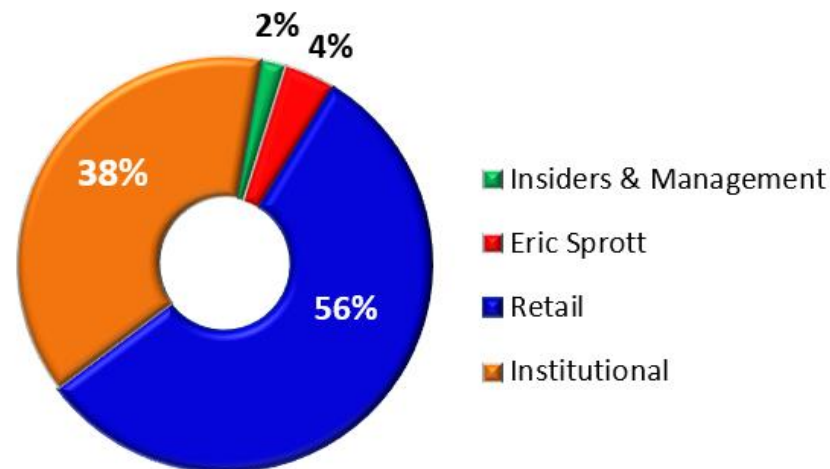
Research Coverage:

Bank of Montreal
 Cormark Securities
 H.C. Wainwright
 National Bank Financial
 Scotiabank
 Toronto Dominion
 Gold Stock Analyst

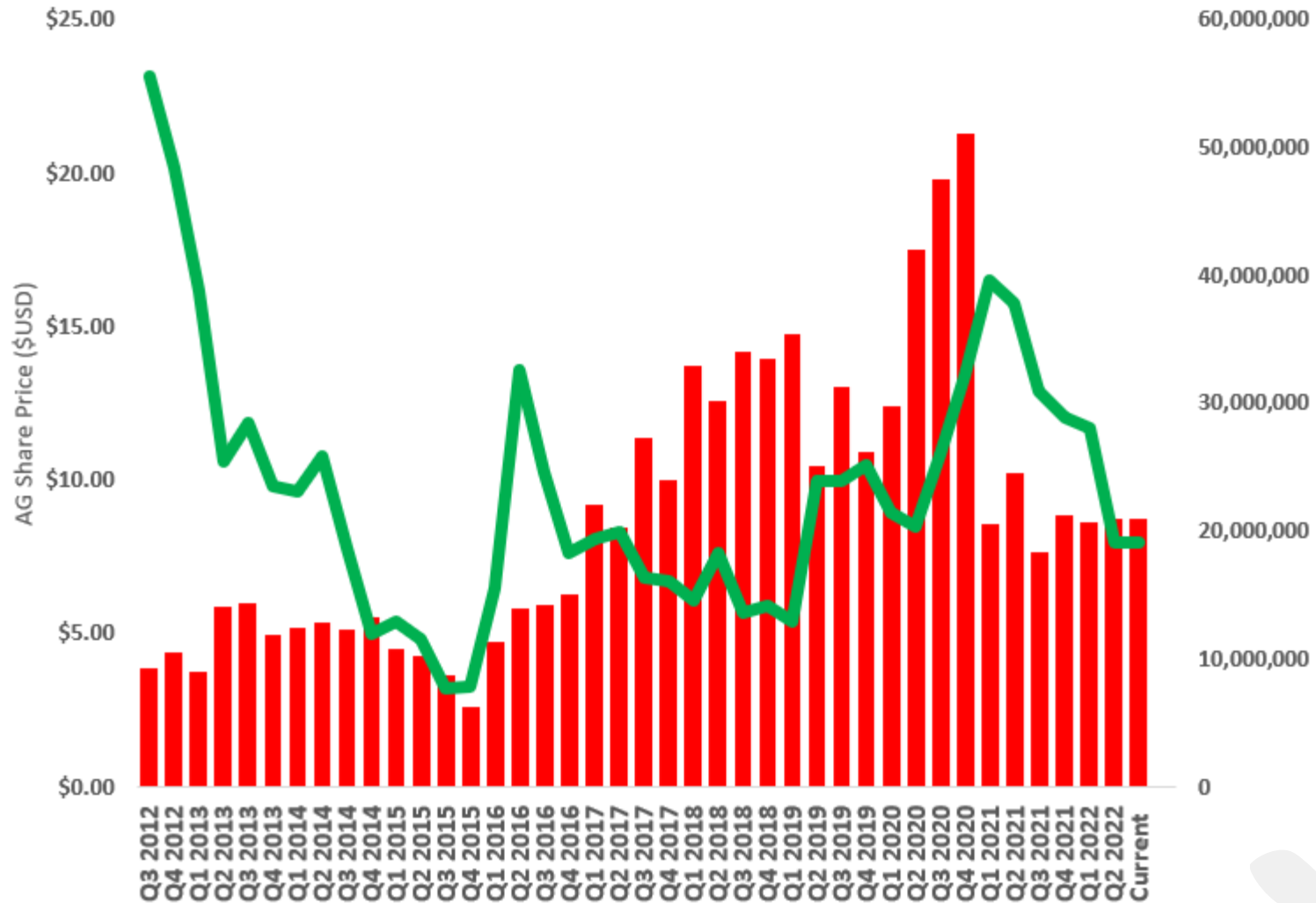
Top Shareholders:

% S/O

Van Eck (GDXJ & GDX)	10.0%
ETF Managers Group	4.2%
Eric Sprott	4.1%
The Vanguard Group	2.8%
BlackRock Asset Management	2.0%
Jupiter Asset Management	1.6%
Keith Neumeyer (President & CEO)	1.6%
Mirae Asset	1.5%
Dimensional Fund Advisors	1.1%
Susquehanna International Group	1.0%



SHORT INTEREST (AG + FR)



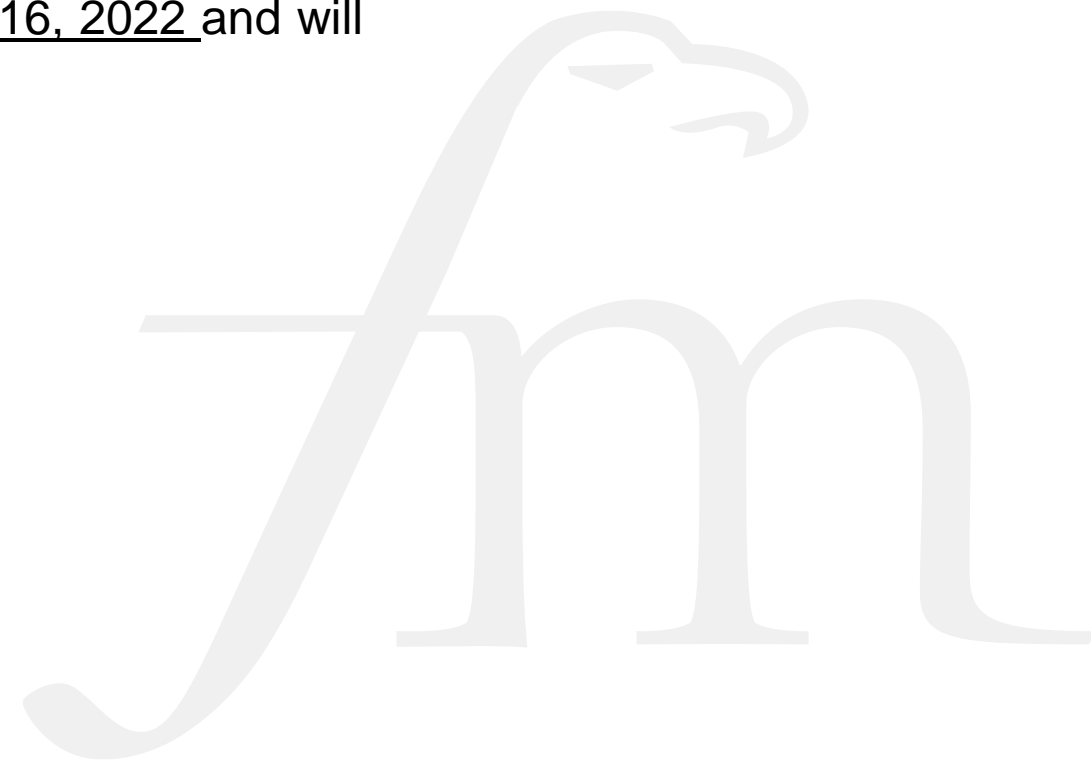
Source: Bloomberg (NYSE & TSX reported short interest)



DIVIDEND POLICY

Under the Company's dividend policy, the quarterly dividend per common share is targeted to equal approximately **1% of the Company's revenues**.

The Q2 2022 cash dividend of \$0.0061 per share will be paid to holders of record of First Majestic as of the close of business on August 16, 2022 and will be distributed on or about August 31, 2022.



TEN RULES OF SILVER

1. Silver is real money
2. Physical silver is a hard asset
3. Silver is relatively inexpensive
4. Silver isn't just cheaper to buy, but it can be more practical when you need to sell, too
5. Silver outperforms gold in bull markets
6. Silver inventories are falling
7. Industrial use is growing
8. New supply is falling
9. World demand is growing
10. The gold/silver ratio favours silver

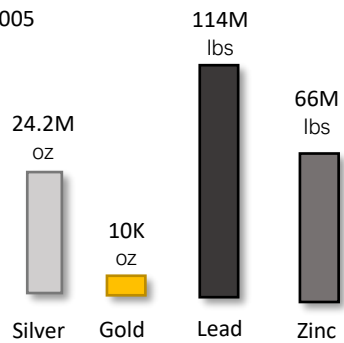
NON-CORE ASSETS



La Parrilla
Silver Mine

- Located in Durango, Mexico
- Dual-circuit processing facility consisting of a 1,000 tpd cyanidation circuit and a 1,000 tpd flotation circuit
- District land package of mining concessions totaling 69,748 hectares

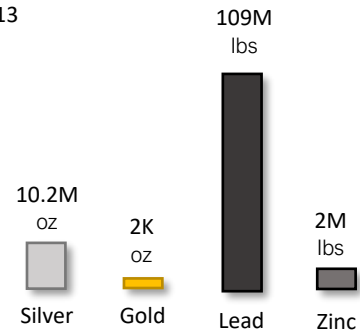
Production
Since 2005



Del Toro
Silver Mine

- Located in Zacatecas, Mexico
- Property consists of 70 mining claims covering 2,159 hectares
- 1,000 tpd flotation circuit capable of producing lead-silver and zinc concentrates

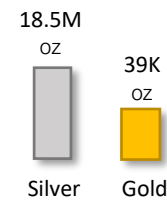
Production
Since 2013



San Martin
Silver Mine

- Located in Jalisco, Mexico
- 100% Silver/Gold doré producer
- Property consists of 33 mining claims within 38,512 hectares
- 1,300 tpd cyanidation mill

Production
Since 2006

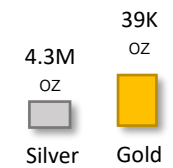


La Guitarra
Silver Mine

Transaction Pending

- Located in the State of Mexico, Mexico
- District land package of mining concessions totaling 39,714 hectares
- 500 tpd flotation circuit capable of producing a silver/gold concentrate

Production
Since 2012



MEXICO TAX DISPUTE

BACKGROUND

- Primero Mining Corp. (“PEM”), now a subsidiary of First Majestic, acquired the San Dimas mine in 2010 and at the time had a Silver Purchase Agreement that required PEM to sell 100% of the silver produced to Wheaton Precious Metals Corp., up to 6 million ounces and 50% of silver produced thereafter, at the lower of: (i) the spot market price or (ii) \$4.04 per ounce plus an annual increase of 1%.
- In 2012, PEM applied for and received an Advance Pricing Agreement (“APA”) from Servicio de Administracion Tributaria (“SAT”) which gave PEM assurance and tax certainty that SAT would accept the realized selling price of silver to which taxes were to be calculated. Under Mexican tax law, an APA is generally applicable for a five-year period and this ruling was made effective for the period of 2010 to 2014.
- In 2016, PEM received a legal claim from the SAT seeking to nullify the APA. The legal claim initiated does not identify any different basis for paying taxes.

OUR POSITION

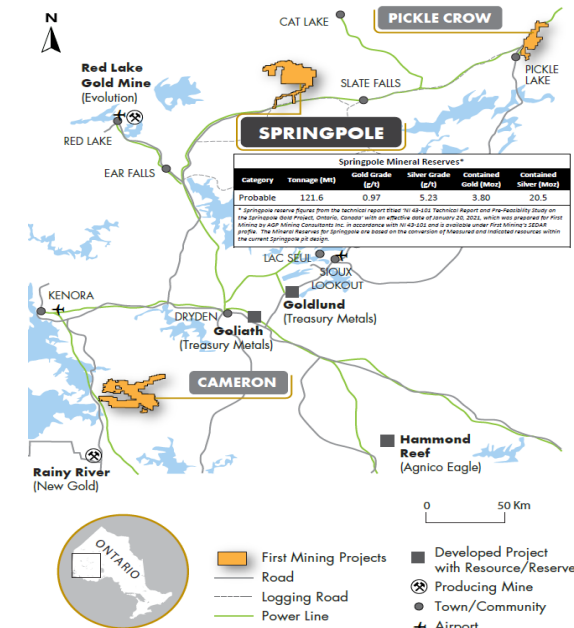
- The Company continues to vigorously defend the validity of the APA and its transfer pricing position through the applicable provisions of three separate International double taxation treaties.

LEGAL UPDATES

- On May 13, 2020, the Company served the Government of Mexico with a Notice of Intent to Submit a Claim under the provisions of Chapter 11 of North American Free Trade Agreement.
- On November 12, 2020, the Company received the written decision made on September 23, 2020 by the Federal Court nullifying the APA. SAT has been directed to re-examine the evidence and basis for the issuance of the APA with retroactive effect, for the following reasons (i) SAT’s errors in analyzing PEM’s request for the APA and the evidence provided in support of the request; and (ii) SAT’s failure to request from PEM certain additional information before issuing the APA. Upon review the Company’s legal advisors are of the opinion that the decision is flawed and intends to appeal the decision to the Circuit Courts.
- On March 2, 2021, the Company announced that it has submitted a Request for Arbitration to the International Centre for Settlement of Investment Disputes (“ICSID”), on its own behalf and on behalf of Primero Minera S.A de C.V. (“PEM”) its subsidiary in Mexico, based on Chapter 11 of the North American Free Trade Agreement (“NAFTA”).
- Following the appointment of all three NAFTA Panel members in August, the first session of the NAFTA Arbitration was held by videoconference on September 24, 2021 resulting in the issuance of the first order setting out the procedural rules which will govern the proceedings.

SPRINGPOLE SILVER STREAM

- In June 2020, entered into a silver stream agreement to purchase 50% of the silver produced from the Springpole Project, located in Ontario, Canada
- Ongoing cash payments of 33% of the silver spot price per ounce, up to a maximum of \$7.50 per ounce
- Total consideration of \$22.5 million in cash and shares over three milestone payments
- Approximately 18.1 million payable ounces of silver expected to be produced over the life of mine (50% payable to FMS)
- Provides significant upside potential to higher silver prices
- Substantial exploration upside on large land holdings of over 70,000 hectares



RESERVES

PROVEN AND PROBABLE MINERAL RESERVE ESTIMATES WITH AN EFFECTIVE DATE OF DECEMBER 31, 2021



Mine Category	Mineral Type	Tonnage	Grades			Metal Content		
		k tonnes	Ag (g/t)	Au (g/t)	Ag-Eq (g/t)	Ag (k Oz)	Au (k Oz)	Ag-Eq (k Oz)
SAN DIMAS								
Proven (UG)	Sulphides	2,328	348	4.42	697	26,050	331	52,190
Probable (UG)	Sulphides	1,506	265	3.02	504	12,820	146	24,390
Total Proven and Probable (UG)	Sulphides	3,834	315	3.87	621	38,870	477	76,580
JERRITT CANYON								
Proven (UG)	Sulphides	847	-	5.23	407	-	143	11,090
Probable (UG)	Sulphides	1,682	-	5.50	428	-	298	23,120
Total Proven and Probable (UG)	Sulphides	2,529	-	5.41	421	-	440	34,210
SANTA ELENA								
Proven (UG - Ermitano)	Sulphides	162	45	4.70	568	240	25	2,960
Proven (UG - Santa Elena)	Sulphides	447	144	1.68	280	2,060	24	4,020
Probable (UG - Ermitano)	Sulphides	2,627	52	3.60	453	4,430	304	38,260
Probable (UG - Santa Elena)	Sulphides	1,133	133	1.27	236	4,870	46	8,590
Probable (Pad)	Oxides	188	31	0.55	75	190	3	450
Total Proven and Probable (UG+Pad)	Oxides + Sulphides	4,557	80	2.75	370	11,790	402	54,280
LA ENCANTADA								
Probable (UG)	Oxides	2,260	170	-	170	12,350	-	12,350
Total Probable (UG)	Oxides	2,260	170	-	170	12,350	-	12,350
Consolidated FMS								
Proven (UG)	All mineral types	3,784	216	4.09	544	28,350	522	70,260
Probable (UG)	All mineral types	9,396	121	2.72	368	34,660	797	107,160
Total Proven and Probable	All mineral types	13,181	149	3.11	419	63,010	1,319	177,420

(1) Mineral Reserves have been classified in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards on Mineral Resources and Mineral Reserves, whose definitions are incorporated by reference into NI 43-101.

(2) The Mineral Reserve statement provided in the table above have an effective date of December 31, 2021. The Mineral Reserve estimates were prepared under the supervision of Ramón Mendoza Reyes, PEng, and a Qualified Person ("QP") for the purposes of NI 43-101 who has the appropriate relevant qualifications, and experience in mining and mineral reserves estimation.

(3) The Mineral Reserves were estimated from the Measured and Indicated portions of the Mineral Resource estimate. Inferred Mineral Resources were not considered to be converted into Mineral Reserves.

(4) Silver-equivalent grade (Ag-Eq) is estimated considering metal price assumptions, metallurgical recovery for the corresponding mineral type/mineral process and the metal payable of the selling contract.

(a) The Ag-Eq grade formula used was:

$$\text{Ag-Eq Grade} = \text{Ag Grade} + \text{Au Grade} * (\text{Au Recovery} * \text{Au Payable} * \text{Au Price}) / (\text{Ag Recovery} * \text{Ag Payable} * \text{Ag Price}).$$

(b) Metal prices considered for Mineral Reserves estimates were \$22.50/oz Au and \$1,750/oz Au for all sites. The silver-equivalent factor used for Jerritt Canyon was 77.8 g/t Ag-Eq per 1 g/t Au.

(c) Other key assumptions and parameters include: metallurgical recoveries; metal payable terms; direct mining costs, processing costs, indirect and G&A costs and sustaining costs. These parameters are different for each mine and mining method assumed and are presented in each mine section of the 2021 AIF.

(5) A two-step constraining approach has been implemented to estimate reserves for each mining method in use: A General Cut-Off Grade (GC) was used to delimit new mining areas that will require development of access, infrastructure and all sustaining costs. A second Incremental Cut-Off Grade (IC) was considered to include adjacent mineralized material which recoverable value pays for all associated costs, including but not limited to the variable cost of mining and processing, indirect costs, treatment, administration costs and plant sustaining costs but excludes the access development assumed to be covered by the block above the GC grade.

The cut-off grades, metallurgical recoveries, payable terms and modifying factors used to convert Mineral Reserves from Mineral Resources are different for all mines and are presented in each mine section in the AIF for San Dimas and La Encantada, in the April 2021 Technical Report for Jerritt Canyon and in the November 2021 Technical Report for Santa Elena.

(6) Modifying factors for conversion of resources to reserves include consideration for planned dilution which is based on spatial and geotechnical aspects of the designed stopes and economic zones, additional dilution consideration due to unplanned events, materials handling and other operating aspects, and mining recovery factors. Mineable shapes were used as geometric constraints.

(7) Tonnage is expressed in thousands of tonnes; metal content is expressed in thousands of ounces. Metal prices and costs are expressed in USD.

(8) Numbers have been rounded as required by reporting guidelines. Totals may not sum due to rounding.

(9) The technical reports from which the above-mentioned information is derived are cited under the heading "Technical Reports for Material Properties" in the 2021 AIF.

RESOURCES

MEASURED AND INDICATED MINERAL RESOURCE ESTIMATES FOR THE MATERIAL PROPERTIES, WITH AN EFFECTIVE OF DECEMBER 31, 2021



Mine / Project Category / Area	Mineral Type	Tonnage k tonnes	Grades			Metal Content		
			Ag (g/t)	Au (g/t)	Ag-Eq (g/t)	Ag (k Oz)	Au (k Oz)	Ag-Eq (k Oz)
MATERIAL PROPERTIES								
SAN DIMAS								
Measured (UG)	Sulphides	2,546	474	6.15	924	38,780	503	75,640
Indicated (UG)	Sulphides	1,906	336	3.83	616	20,580	235	37,770
Total Measured and Indicated (UG)	Sulphides	4,452	415	5.15	792	59,360	738	113,410
JERRITT CANYON								
Measured (UG)	Sulphides	4,068	-	5.85	421	-	765	55,050
Indicated (UG)	Sulphides	4,303	-	5.90	425	-	816	58,780
Indicated (OP)	Sulphides	180	-	4.00	288	-	23	1,660
Total Measured and Indicated	All Mineral Types	8,550	-	5.84	420	-	1,604	115,490
SANTA ELENA								
Measured Ermitano (UG)	Sulphides	119	56	5.54	627	210	21	2,400
Measured Santa Elena (UG)	Sulphides	723	155	1.65	278	3,610	38	6,450
Indicated Ermitano (UG)	Sulphides	2,498	68	4.75	558	5,440	382	44,790
Indicated Santa Elena (UG)	Sulphides	2,276	127	1.35	228	9,320	99	16,680
Indicated (Leach Pad)	Oxides Spent Ore	190	34	0.61	79	210	4	490
Total Measured and Indicated (UG+Pad)	All Mineral Types	5,806	101	2.92	379	18,790	544	70,810
LA ENCANTADA								
Indicated (UG)	Oxides	4,308	169	-	169	23,410	-	23,410
Indicated Indicated Tailings Deposit No. 4	Oxides	2,459	119	-	119	9,410	-	9,410
Total Measured and Indicated (UG+Tailings)	All Mineral Types	6,767	151	-	151	32,820	-	32,820
TOTAL MATERIAL PROPERTIES								
Total Measured	All Mineral Types	7,456	178	5.54	582	42,600	1,327	139,540
Total Indicated	All Mineral Types	18,120	117	2.68	331	68,370	1,559	192,990
Total Measured and Indicated	All Mineral Types	25,575	135	3.51	404	110,970	2,886	332,530

- (1) Mineral Resource estimates have been classified in accordance with the 2014 Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards on Mineral Resources and Mineral Reserves, whose definitions are incorporated by reference into National Instrument NI 43-101.
- (2) The Mineral Resource estimates provided above have an effective date of December 31, 2021. The estimates were prepared by FMS Internal QPs, who have the appropriate relevant qualifications, and experience in geology and resource estimation. The information provided was compiled by David Rowe, CPG, Internal QP for First Majestic, and reviewed by Ramon Mendoza Reyes, P.Eng., Internal QP for First Majestic.
- (3) Sample data was collected through a cut-off date of December 31, 2021, for the Material Properties. All properties account for relevant technical information and mining depletion through December 31, 2021.
- (4) Metal prices considered for Mineral Resources estimates were \$25.00/oz Ag and \$1,800/oz Au.
- (5) Silver-equivalent grade is estimated considering: metal price assumptions, metallurgical recovery for the corresponding mineral type/mineral process and the metal payable of the corresponding contract of each mine. Estimation details are listed in each mine section of the Annual Information Form (AIF).
- (6) The cut-off grades and cut-off values used to report Mineral Resources are different for all mines. The cut-off grades, values and economic parameters are listed in the applicable section describing each mine section of the AIF.
- (7) Measured and Indicated Mineral Resource estimates are inclusive of the Mineral Reserve estimates.
- (8) Tonnage is expressed in thousands of tonnes, metal content is expressed in thousands of ounces. Totals may not add up due to rounding.
- (9) The technical reports from which the above-mentioned information for the material properties is derived are cited under the heading "Technical Reports for Material Properties" of the AIF.

RESOURCES

INFERRED MINERAL RESOURCE ESTIMATES FOR THE MATERIAL PROPERTIES WITH AN EFFECTIVE DATE OF DECEMBER 31, 2021



Mine / Project Category / Area	Mineral Type	Tonnage k tonnes	Grades			Metal Content		
			Ag (g/t)	Au (g/t)	Ag-Eq (g/t)	Ag (k Oz)	Au (k Oz)	Ag-Eq (k Oz)
MATERIAL PROPERTIES								
SAN DIMAS								
Inferred Total (UG)	Sulphides	4,073	310	3.54	570	40,660	463	74,630
JERRITT CANYON								
Inferred Total (UG)	Sulphides	6,778	-	5.65	407	-	1,231	88,600
Inferred Total (OP)	Sulphides	150	-	3.89	280	-	19	1,350
Inferred Total (UG & OP)	Sulphides	6,927	-	5.61	404	-	1,249	89,950
SANTA ELENA								
Inferred Ermitaño (UG)	Sulphides	3,157	78	2.99	386	7,900	304	39,180
Inferred Santa Elena (UG)	Sulphides	1,674	114	1.16	200	6,160	62	10,790
Inferred Total (UG)	Sulphides	4,831	91	2.36	322	14,060	366	49,970
LA ENCANTADA								
Inferred Total (UG)	Oxides	3,470	170	-	170	18,930	-	18,930
Inferred Inferred Tailings Deposit No. 4	Oxides	428	118	-	118	1,620	-	1,620
Inferred Total (UG + Tailings)	All Mineral Types	3,898	164	-	164	20,550	-	20,550
Total Inferred Material Properties	All Mineral Types	19,730	119	3.28	371	75,270	2,078	235,100

(1) Mineral Resource estimates have been classified in accordance with the 2014 Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards on Mineral Resources and Mineral Reserves, whose definitions are incorporated by reference into National Instrument NI 43-101.

(2) The Mineral Resource estimates provided above have an effective date of December 31, 2021, for the Material Properties. The estimates were prepared by FMS Internal QPs, who have the appropriate relevant qualifications, and experience in geology and resource estimation. The information provided was compiled by David Rowe, CPG, Internal QP for First Majestic, and reviewed by Ramon Mendoza Reyes, P.Eng., Internal QP for First Majestic.

(3) Sample data was collected through a cut-off date of December 31, 2021, for the material properties. All properties account for relevant technical information and mining depletion through December 31, 2021.

(4) Metal prices considered for Mineral Resources estimates were \$25.00/oz Ag and \$1,800/oz Au.

(5) Silver-equivalent grade is estimated considering metal price assumptions, metallurgical recovery for the corresponding mineral type/mineral process and the metal payable of the corresponding contract of each mine.

Estimation details are listed in each mine section of the 2021 Annual Information Form.

(6) The cut-off grades and cut-off values used to report Mineral Resources are different for all mines. The cut-off grades, values and economic parameters are listed in the applicable section describing each mine section of the 2021 Annual Information Form.

(7) Tonnage is expressed in thousands of tonnes; metal content is expressed in thousands of ounces. Totals may not add up due to rounding.

(8) The technical reports from which the above-mentioned information for the material properties is derived are cited under the heading "Technical Reports for Material Properties" of the 2021 Annual Information Form.

NON-CORE RESOURCES

MEASURED AND INDICATED MINERAL RESOURCE ESTIMATES FOR THE NON-MATERIAL PROPERTIES WITH AN EFFECTIVE DATE OF DECEMBER 31, 2020



Mine / Project Category / Area	Mineral Type	Tonnage k tonnes	Grades					Metal Content				
			Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Ag-Eq (g/t)	Ag (k Oz)	Au (k Oz)	Pb (M lb)	Zn (M lb)	Ag-Eq (k Oz)
NON-MATERIAL PROPERTIES												
SAN MARTIN												
Measured (UG)	Oxides	70	221	0.40	-	-	255	500	1	-	-	580
Indicated (UG)	Oxides	958	277	0.53	-	-	321	8,520	16	-	-	9,890
Total Measured and Indicated (UG)	Oxides	1,028	273	0.52	-	-	317	9,020	17	-	-	10,470
LA PARRILLA												
Measured (UG)	Sulphides	15	193	-	1.27	1.27	250	90	-	0.4	0.4	120
Indicated (UG)	Sulphides	1,028	193	0.07	1.78	1.62	277	6,370	2	40.3	36.6	9,160
Indicated (UG)	Oxides	76	270	0.09	-	-	278	660	0	-	-	680
Total Measured and Indicated (UG)	Oxides + Sulphide	1,119	198	0.07	1.65	1.50	277	7,120	3	40.7	37.0	9,960
DEL TORO												
Indicated (UG)	Sulphides	440	193	0.53	3.52	5.75	414	2,720	7	34.2	55.7	5,850
Indicated (UG)	Oxides + Transitio	153	226	0.15	4.97	-	351	1,110	1	16.7	-	1,720
Total Measured and Indicated (UG)	All Mineral Types	592	201	0.43	3.90	4.27	398	3,830	8	50.9	55.7	7,570
LA GUITARRA												
Measured (UG)	Sulphides	57	217	1.55	-	-	347	400	3	-	-	640
Indicated (UG)	Sulphides	644	228	1.19	-	-	328	4,730	25	-	-	6,800
Total Measured and Indicated (UG)	Sulphides	701	228	1.22	-	-	330	5,130	28	-	-	7,440
TOTAL NON-MATERIAL PROPERTIES												
Total Measured	All mineral types	142	216	0.82	0.13	0.13	291	990	4	0.4	0.4	1,340
Total Indicated	All mineral types	3,298	227	0.49	1.25	1.27	322	24,110	52	91.1	92.4	34,100
Total Measured and Indicated	All mineral types	3,440	227	0.50	1.21	1.22	320	25,100	55	91.5	92.8	35,440

- (1) Mineral Resource estimates have been classified in accordance with the 2014 Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards on Mineral Resources and Mineral Reserves, whose definitions are incorporated by reference into National Instrument NI 43-101.
- (2) The Mineral Resource estimates for the non-material properties were updated December 31, 2020. The estimates were prepared by FMS Internal QPs, who have the appropriate relevant qualifications, and experience in geology and resource estimation. The information provided was compiled by David Rowe, CPG, Internal QP for First Majestic, and reviewed by Ramon Mendoza Reyes, P.Eng., Internal QP for First Majestic.
- (3) Sample data was collected through a cut-off date of December 31, 2020, for non-material properties.
- (4) Metal prices considered for Mineral Resources estimates on December 31, 2020 were \$22.50/oz Ag, \$1,850/oz Au, \$0.90/lb Pb and \$1.05/lb Zn.
- (5) Silver-equivalent grade is estimated considering: metal price assumptions, metallurgical recovery for the corresponding mineral type/mineral process and the metal payable of the corresponding contract of each mine.
- (6) The cut-off grades and cut-off values used to report Mineral Resources are different for all mines. The cut-off grades, values and economic parameters are listed in the applicable section describing each mine section of the AIF.
- (7) Tonnage is expressed in thousands of tonnes, metal content is expressed in thousands of ounces. Totals may not add up due to rounding.

Mine / Project Category / Area	Mineral Type	Tonnage k tonnes	Grades					Metal Content				
			Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Ag-Eq (g/t)	Ag (k Oz)	Au (k Oz)	Pb (M lb)	Zn (M lb)	Ag-Eq (k Oz)
NON-MATERIAL PROPERTIES												
SAN MARTIN												
Inferred Total (UG)	Oxides	2,533	226	0.36	-	-	256	18,400	29	-	-	20,870
LA PARRILLA												
Inferred (UG)	Oxides	393	200	0.08	-	-	207	2,530	1	-	-	2,610
Inferred (UG)	Sulphides	1,028	215	0.09	1.56	1.91	299	7,090	3	35.4	43.3	9,890
Inferred Total (UG)	All Mineral Types	1,421	211	0.09	1.13	1.38	274	9,620	4	35.4	43.3	12,500
DEL TORO												
Inferred (UG)	Sulphides	496	185	0.25	3.08	2.73	322	2,950	4	33.7	29.8	5,130
Inferred (UG)	Oxides + Transitio	690	182	0.08	3.74	-	273	4,030	2	56.8	-	6,050
Inferred Total (UG)	All Mineral Types	1,186	183	0.15	3.46	1.15	293	6,970	6	90.5	30.1	11,180
LA GUITARRA												
Inferred Total (UG)	Sulphides	1,044	240	0.71	-	-	299	8,040	24	-	-	10,030
Total Inferred Non-Material Properties	All mineral types	6,184	216	0.32	0.92	0.54	275	43,030	63	125.9	73.4	54,580



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