



CORPORATE PRESENTATION  
NOVEMBER 2022

# EXPANDING RESOURCES IN MEXICO

TSXV|GRSL OTCQB|GRSLF FRA|GPE



# CAUTIONARY STATEMENTS

This presentation contains “forward-looking statements” within the meaning of Canadian securities laws. Where a forward-looking statement expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, such statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by the forward-looking statements.

Forward-looking statements often address our expected future business and financial performance and financial condition; and often contain words such as “anticipate,” “intend,” “plan,” “will,” “would,” “estimate,” “expect,” “believe,” “target,” “indicative,” “preliminary,” or “potential.” Forward-looking statements in this presentation may include, without limitation, (i) estimates of future production and sales, including production outlook, average future production, upside potential and indicative production profiles; (ii) estimates of future costs applicable to sales and all-in sustaining costs; (iii) estimates of future consolidated and attributable capital expenditures; (iv) estimates of future cost reductions, full potential savings, value creation, synergies and efficiencies; (v) expectations regarding the development, growth and exploration potential of the Company’s operations, projects and investments, including, without limitation, returns, schedule, decision dates, mine life, commercial start, first production, capital average production, average costs and upside potential; (vi) expectations regarding future investments or divestitures; (vii) expectations regarding future mineralization, including, without limitation, expectations regarding reserves and recoveries; (viii) estimates of future closure costs and liabilities; (ix) expectations regarding the timing and/or likelihood of future borrowing, future debt repayment, financial flexibility and cash flow; and (x) expectations regarding the future success of any of the Company’s properties. Estimates or expectations of future events or results are based upon certain assumptions, which may prove to be incorrect.

Such assumptions, include, but are not limited to: (i) there being no significant change to current geotechnical, metallurgical, hydrological and other physical conditions; (ii) permitting, development, operations and expansion of operations and projects being consistent with current expectations and mine plans, including, without limitation, receipt of export approvals; (iii) political developments in any jurisdiction in which the Company operates being consistent with its current expectations; (iv) certain exchange rate assumptions for the Canadian dollar or the Mexican peso to the U.S. dollar, as well as other exchange rates being approximately consistent with current levels; (v) certain price assumptions for silver, gold, copper, zinc or lead; (vi) prices for key supplies being approximately consistent with current levels; (vii) the accuracy of current mineral reserve and mineralized material estimates; and (viii) other planning assumptions.

For a more detailed discussion of risks and other factors that might impact future looking statements, see the Company’s annual financial statements and corresponding management discussion & analysis available on under the Company’s profile on SEDAR or [www.grsilvermining.com](http://www.grsilvermining.com).

The Company does not undertake any obligation to release publicly revisions to any “forward-looking statement,” including, without limitation, outlook, to reflect events or circumstances after the date of this presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws. Investors should not assume that any lack of update to a previously issued “forward-looking statement” constitutes a reaffirmation of that statement. Continued reliance on “forward-looking statements” is at investors’ own risk.

## QUALIFIED PERSON

Under National Instrument 43-101 - Standards of Disclosure for Mineral Projects, the Qualified Person for this presentation is Marcio Fonseca, P. Geo., President and COO for GR Silver Mining Ltd., who has reviewed and approved its contents. Please see footnotes at bottoms of slides with historical technical information for disclosure information.

*All photos property of GR Silver Mining Ltd.*

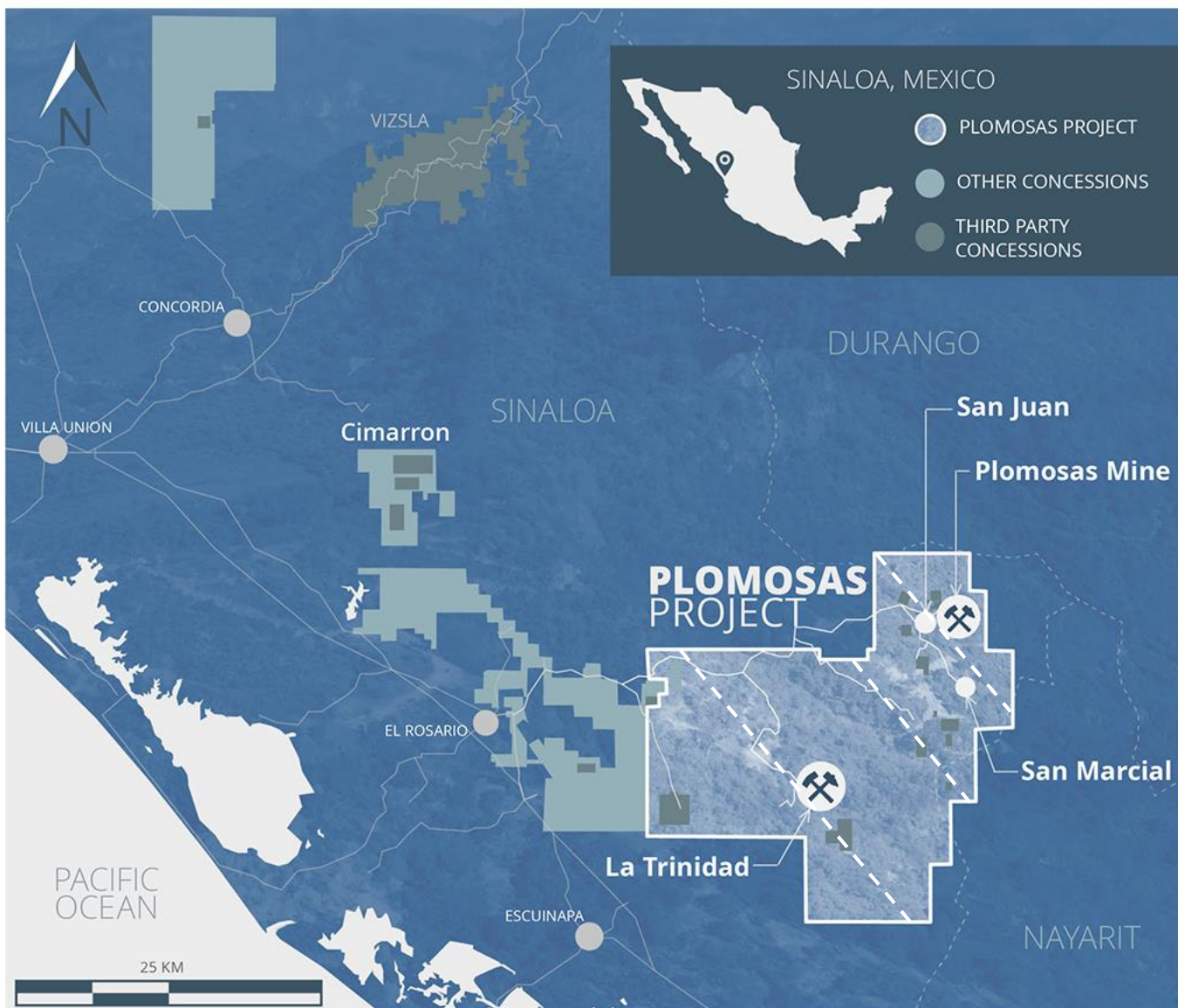
## TERMS OF REFERENCE

Plomosas Mine Area and San Juan Mine Area NI 43-101 (2021)

Numbers may be rounded. \* Silver Equivalent (“AgEq”) calculations using US\$20.00/oz Ag, US\$1,600/oz Au, US\$0.90/lb Pb, US\$1.10/lb Zn and US\$3.00/lb Cu, with metallurgical recoveries of Ag – 74%, Au – 86%, Pb – 69%, Zn – 75% and Cu – 80%.  $AgEq = ((Ag\ grade \times Ag\ Price \times Ag\ recovery) + (Au\ grade \times Au\ price \times Au\ recovery) + (Pb\ grade \times Pb\ price \times Pb\ recovery) + (Zn\ grade \times Zn\ price \times Zn\ recovery) + (Cu\ grade \times Cu\ price \times Cu\ recovery)) / (Ag\ price \times Ag\ recovery)$

San Marcial Area NI 43 -101 (2019)

Numbers may be rounded. \* AgEq calculations using US\$18.50/oz Ag, US\$1.10/lb Zn and US\$0.95/lb Pb. The following average metallurgical recoveries are assumed - 85% Ag, 85% Zn and 95% Pb. A 30 gpt AgEq cut off for open pit and 80gpt AgEq for underground resource classification completed by WSP Canada Inc. on February 06, 2019. OP is amenable for potential open pit development, UG is amenable for potential underground development.  $AgEq = ((Ag\ grade \times Ag\ Price \times Ag\ recovery) + (Au\ grade \times Au\ price \times Au\ recovery) + (Pb\ grade \times Pb\ price \times Pb\ recovery) + (Zn\ grade \times Zn\ price \times Zn\ recovery) + (Cu\ grade \times Cu\ price \times Cu\ recovery)) / (Ag\ price \times Ag\ recovery)$



## DISTRICT SCALE STRATEGIC ASSETS

### PLOMOSAS PROJECT

- 432 km<sup>2</sup> core concessions
- Developing the resource base at our San Marcial and Plomosas Mine Areas
- Portfolio of permitted, near term development-stage assets including the Plomosas Mine and La Trinidad

### OTHER AREAS

- Non-core of 302 km<sup>2</sup> provide optionality for strategic alliances and new business opportunities



# PLOMOSAS PROJECT

GROWING OUR RESOURCE BASE IN TWO AREAS

## SAN MARCIAL RESOURCE EXPANSION

- Drilling new targets adjacent to current resources
- Ag anomalies identified along 5 km key geological contact adjoining resource area



## PLOMOSAS MINE AREA INFILL DRILLING

- Targeting Ag grade increase
- Adding new zones into the resource model
- Existing infrastructure and permits potentially reducing costs, timelines and risks



TARGET – INTEGRATED MINERAL RESOURCE  
UPDATE IN Q1|23





# SAN MARCIAL AREA

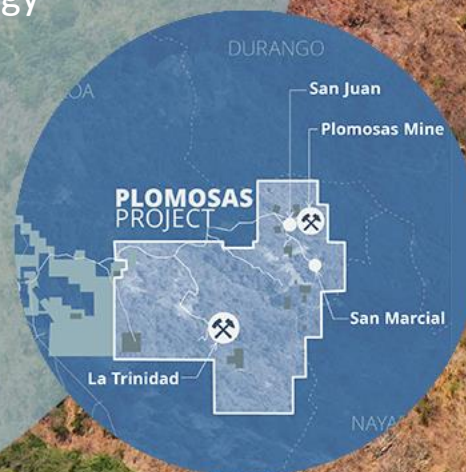
## EXPLORATION MODEL SUCCESS EXTENSIVE EPITHERMAL SYSTEM

Underground drill program demonstrates the extension of higher-grade Ag mineralization to depth

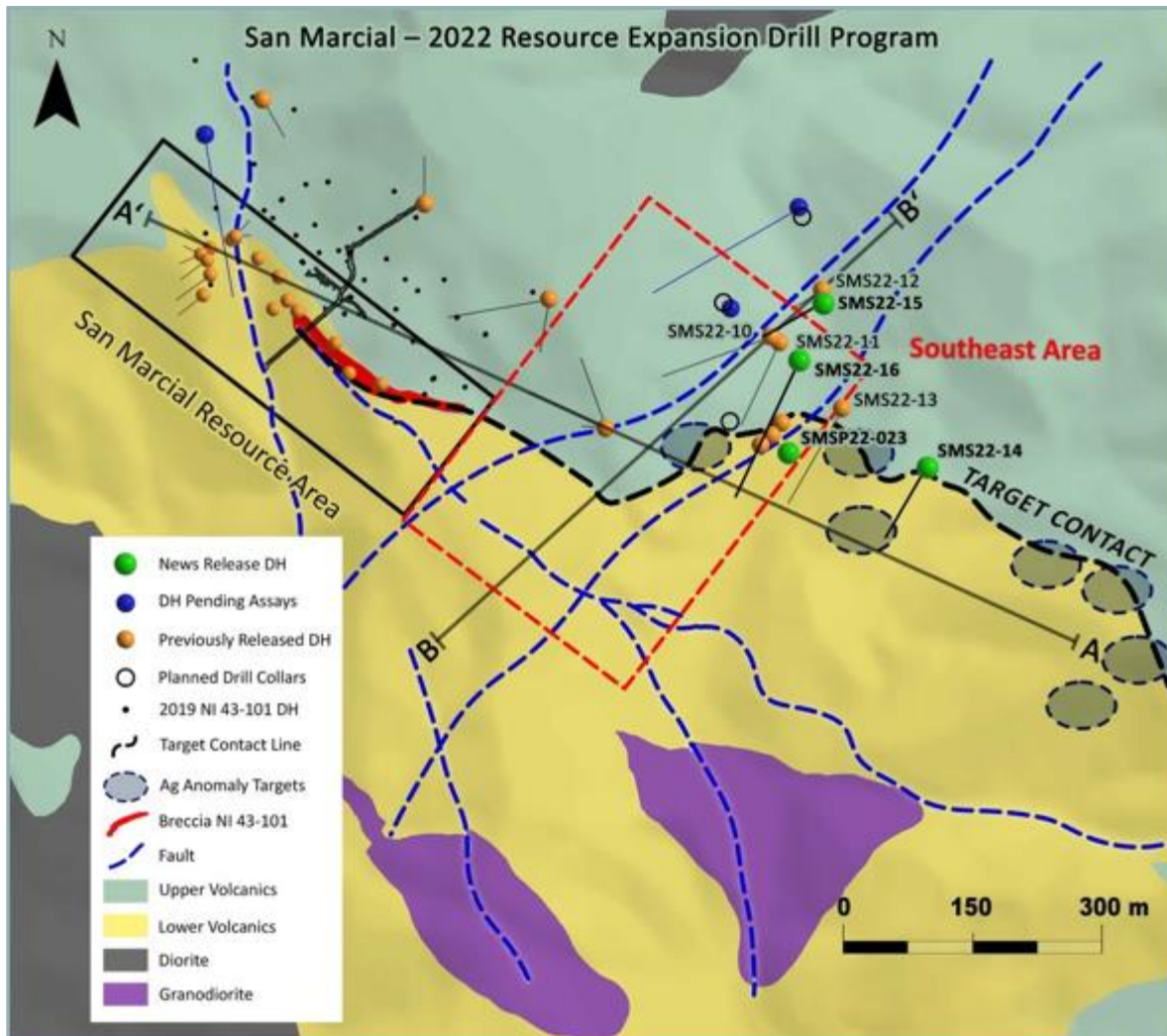
Surface exploration has provided resource growth in multiple anomalies

Ag-dominant mineralization with preliminary metallurgy indicating 90% to 93% Ag recovery rates

NI 43-101 resource (2019):  
29 Moz Ag (Indicated) + 10 Moz Ag (Inferred)  
*\*see appendix*







# SAN MARCIAL AREA

## SAN MARCIAL RESOURCE EXPANSION PROGRAM

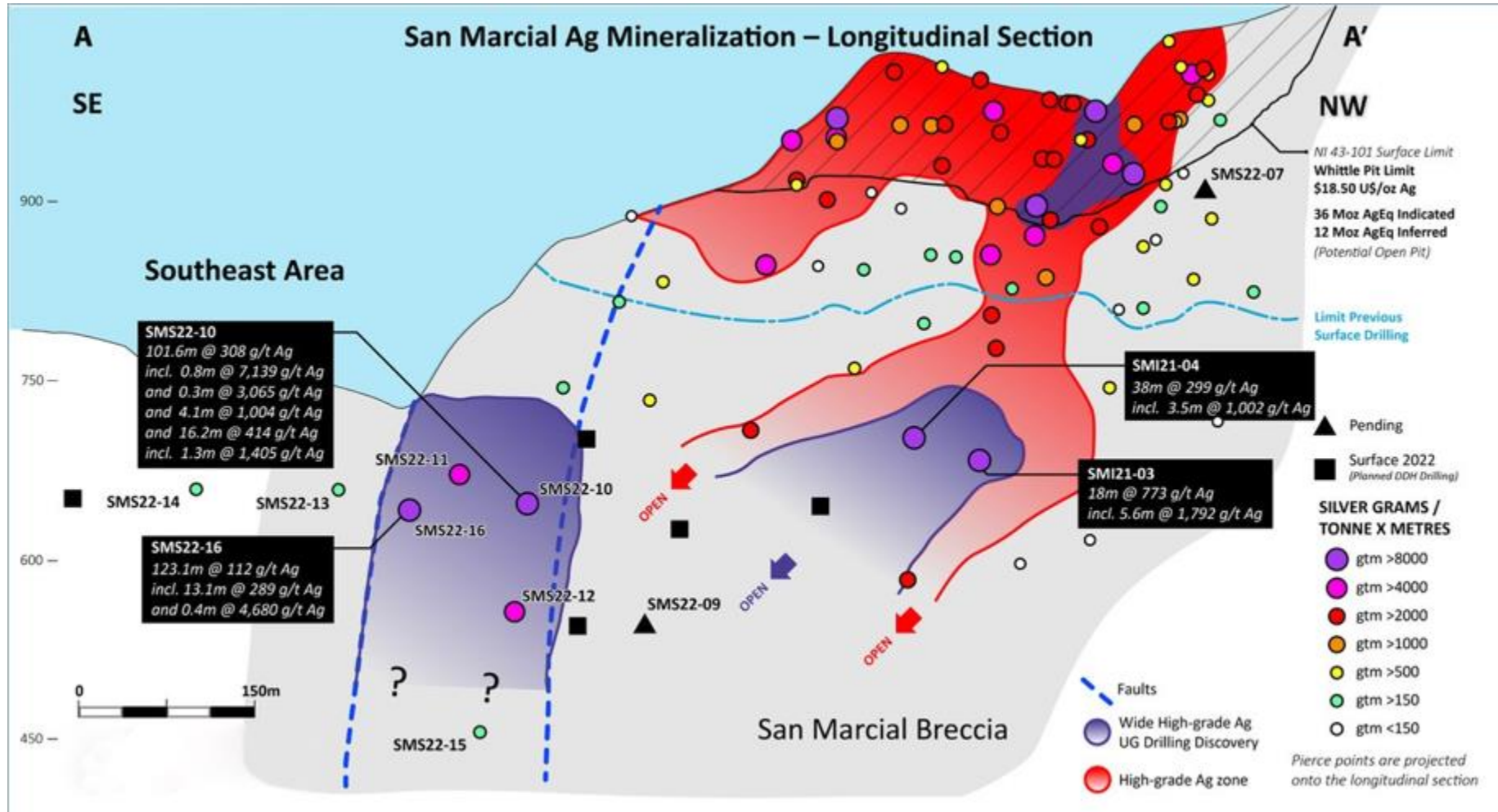
San Marcial mineral resource is hosted by key structures along a key lithological contact between Upper and Lower Volcanics on the western edge of the Sierra Madre Occidental

2022 exploration activities focusing on testing more than 5 km of the 'Target Contact' to the SE

Coincides with:

- Anomalous Ag in surface geochemistry
- Presence of significant intrusive bodies
- Geophysical (chargeability) anomalies at depth

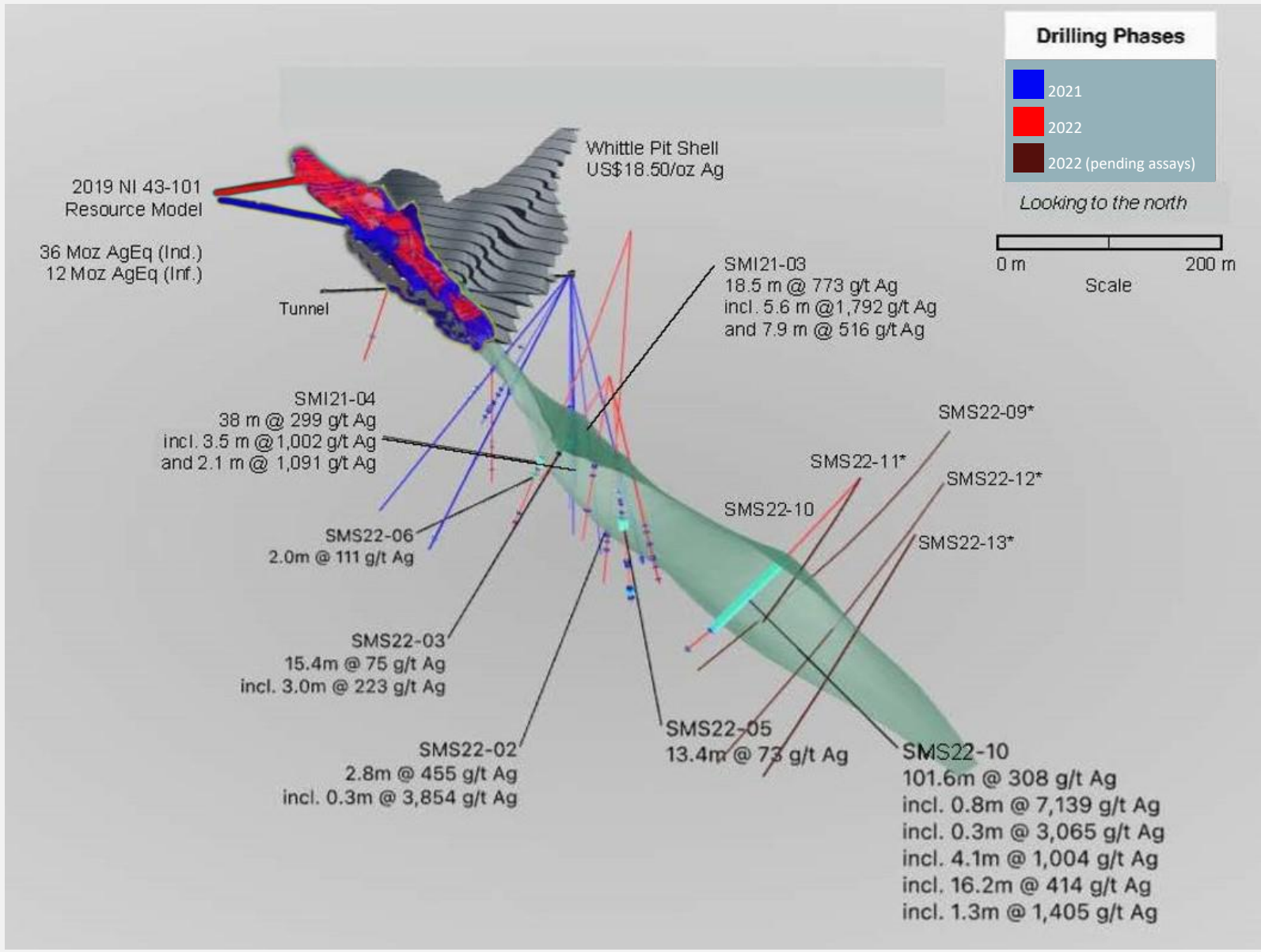
SMS22-10 discovers new wide, high-grade Ag zone



## SAN MARCIAL AREA

EXPLORATION MODEL  
SUCCESS WITH  
EXPANSION TO DEPTH

New wide, high-grade  
discovery in southeast  
area



# SAN MARCIAL

## 3D GEOLOGICAL MODEL SOUTHEAST AREA

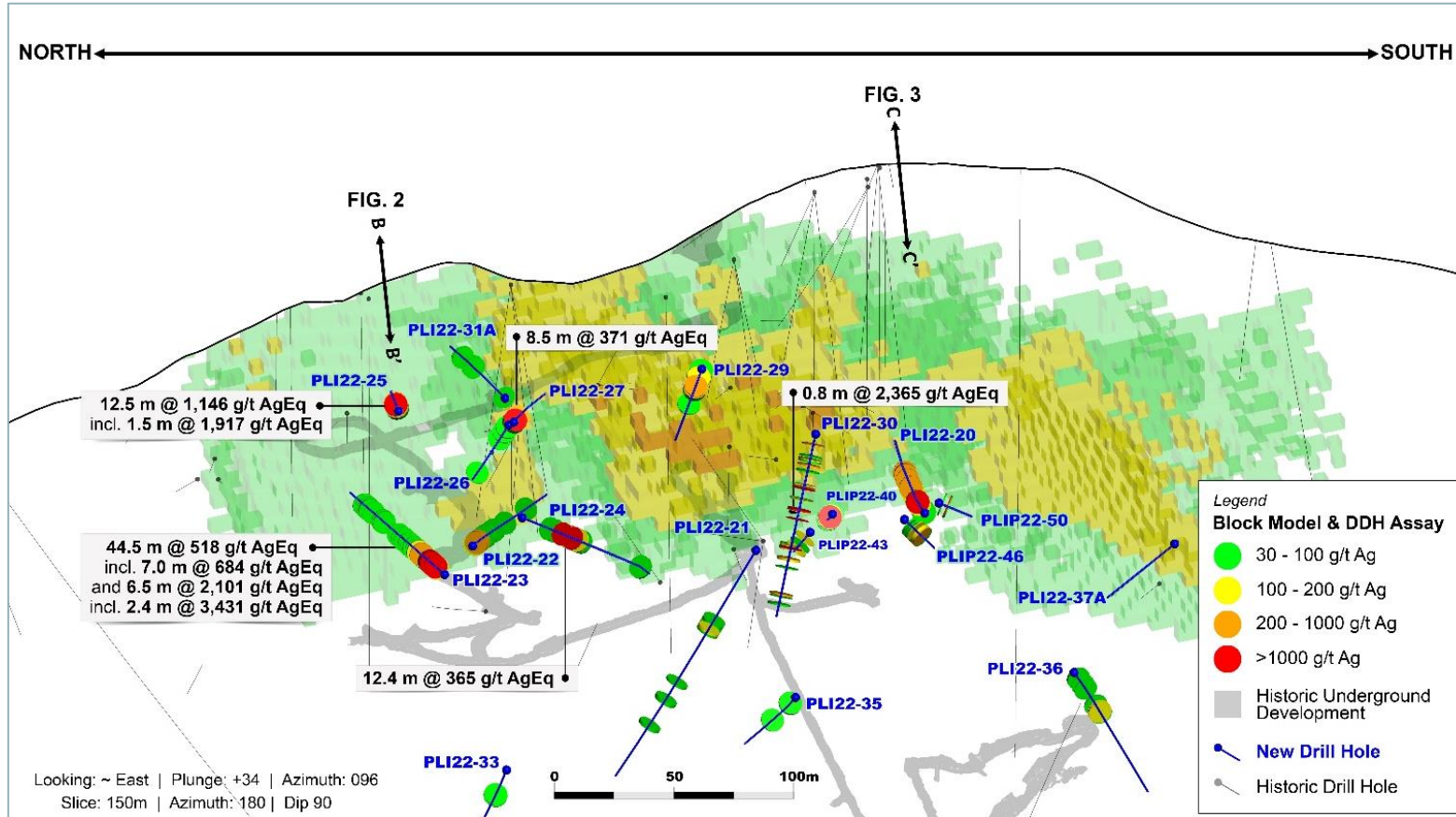
- Wide high-grade Ag discoveries
- Upside potential
- New geological setting
- Silver predominant near surface mineralization
- Resource Expansion

\* See news release dated January 31, 2022, July 13, 2022 & August 8, 2022



# PLOMOSAS LONGITUDINAL SECTION

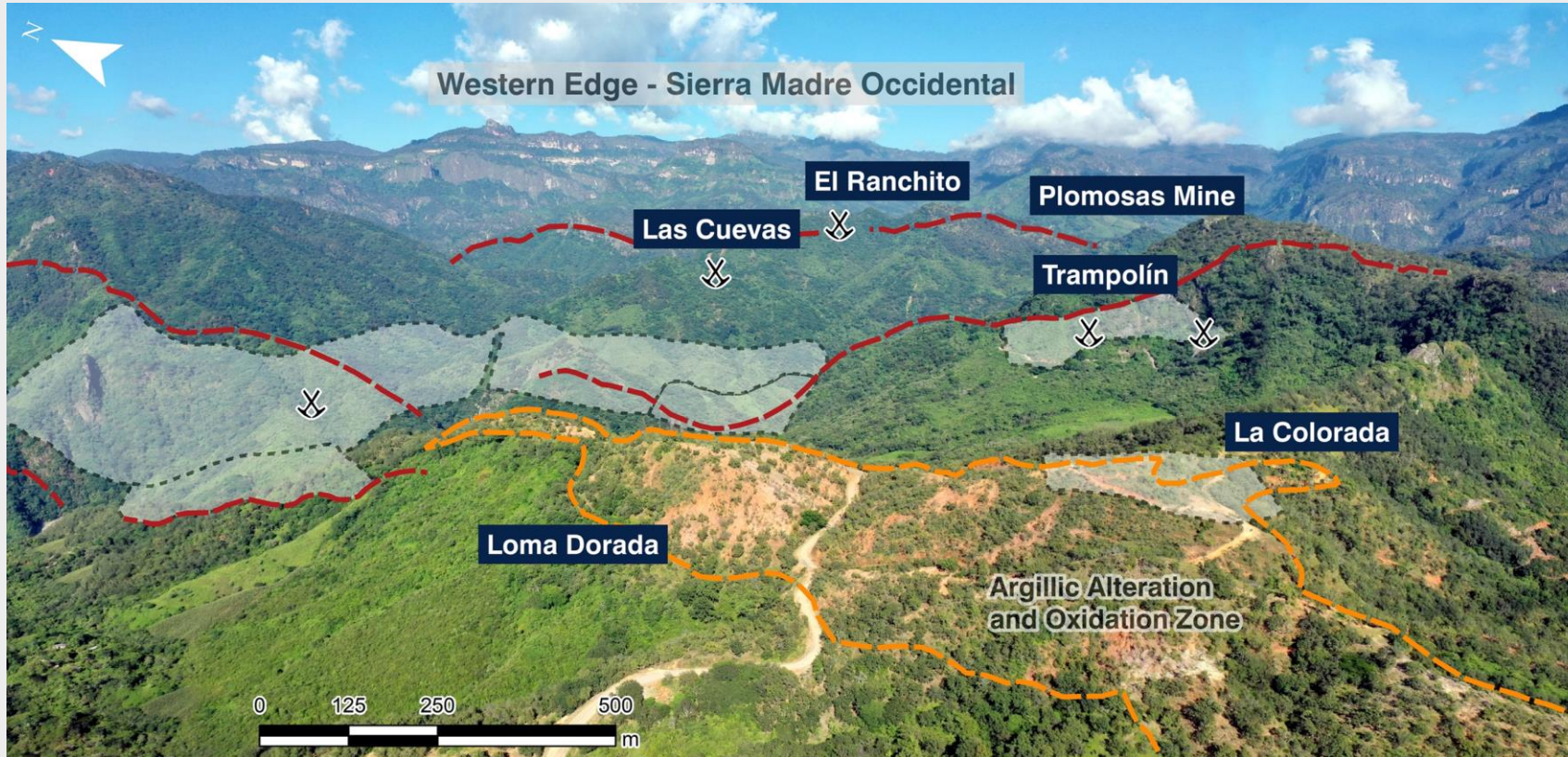
IDENTIFIED NEW WIDE, HIGH-GRADE SILVER MINERALIZATION WITH UPSIDE POTENTIAL ON EXISTING LOW-GRADE RESOURCE BLOCKS\*



\*See News Release dated October 31, 2022







# PLOMOSAS PROJECT

## PIPELINE OF DRILL TARGETS 2022

District scale project, enhancing value with modern exploration techniques, focused on continuous resource expansion



# OUR PRIORITIES

## ENVIRONMENT

Committed to achieving zero significant environmental incidents through responsible and safe practices

## SOCIAL RESPONSIBILITY

We are dedicated to our community engagement activities, ensuring we benefit our neighbours

## GOVERNANCE

We encourage a diverse and inclusive workplace that focuses on continuous mentoring in a safe and healthy work environment



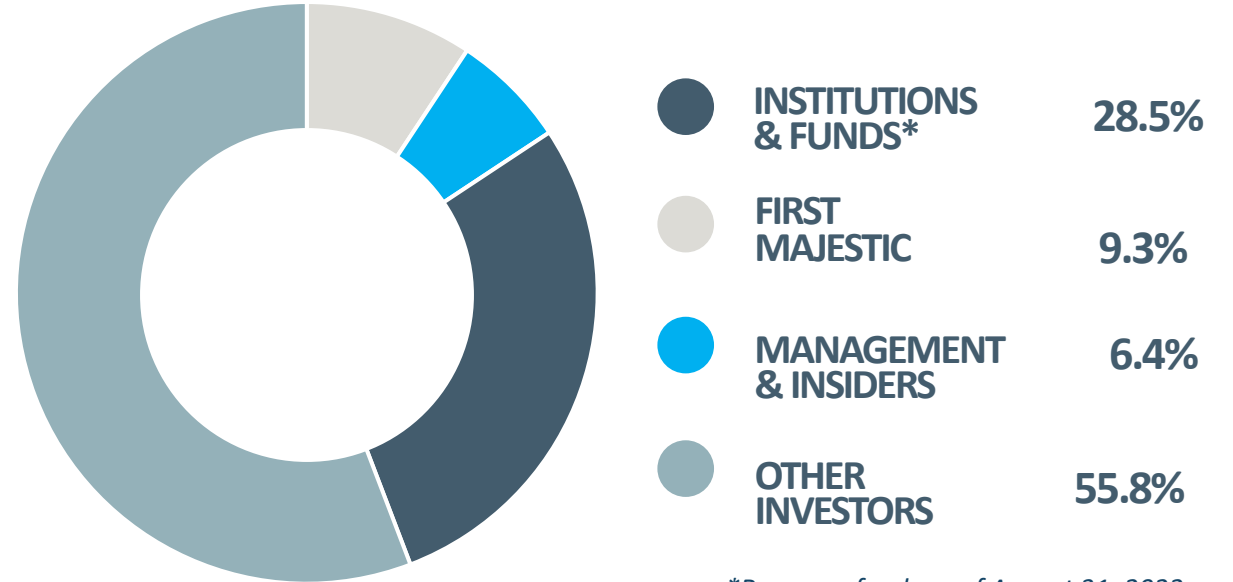


# CAPITAL STRUCTURE

Shares Issued & Outstanding	231,479,806
Warrants (average weighted price C\$0.38)	47,596,895
Options (average weighted price C\$0.42)	9,734,157
Fully Diluted Shares Outstanding	288,810,858
Fully Diluted Market Capitalization @ C\$0.125	C\$36,101,357 M

as of November 01, 2022

## OWNERSHIP



\*Resource funds as of August 31, 2022

## ANALYST COVERAGE

Michael Curran, CFA



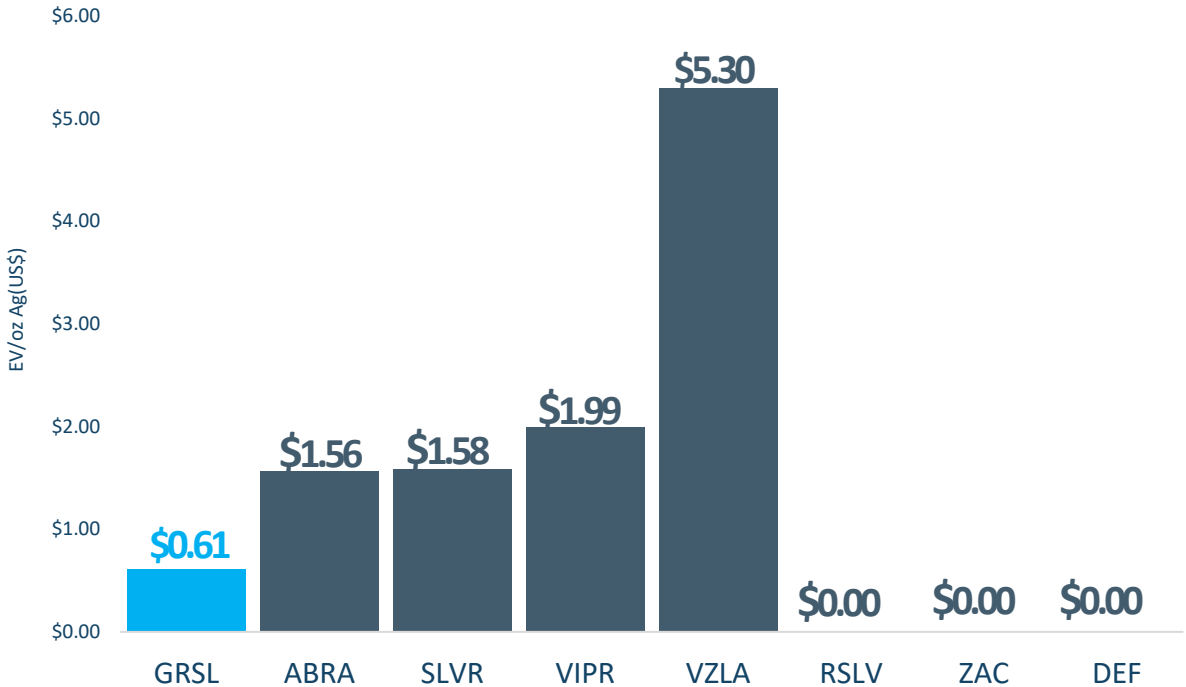
Gabriel Gonzalez, CFA





# GR SILVER IS TRADING AT A SIGNIFICANT DISCOUNT TO PEERS

ENTERPRISE VALUE PER IN SITU SILVER OUNCE M+IND BASIS



Source: FactSet, Company reports, October 31, 2022

- ✓ GR Silver’s current compliant resources include the Plomosas, San Juan and San Marcial areas
- ✓ Our exploration focus is on new high-grade epithermal vein targets and expanding high quality resources
- ✓ One can expect a “move right” for GR Silver’s EV/oz metrics as an increased perception of quality drives a re-rating



# EXPERIENCED MANAGEMENT



**ERIC ZAUNSERB**  
CHAIRMAN & CEO

Geologist with over 30 years experience as a mining equity analyst. Previously Managing Director, Research – Metals & Mining Analyst at Canaccord Genuity. Eric holds the Chartered Financial Analyst designation



**MARCIO FONSECA**  
PRESIDENT & COO

Technical experience to evaluate exploration and operational assets with knowledge from exploration stage to mining operations. Senior roles with Echo Bay Mines, SilverCrest Mines, Phelps Dodge, and Vale in Latin America. 25+ years of mining and financial industry experience; Former Division Director for Macquarie Bank – Metals and Energy



**TREVOR WOOLFE**  
VP EXPLORATION &  
CORPORATE DEVELOPMENT

Geologist with 30+ years in exploration, mining and management of ASX-listed explorers. Mr. Woolfe is a Latin America specialist having worked in Mexico, Chile, Nicaragua, and Brazil. Previously with CRA, Metana Minerals, Newcrest Mining Limited and Placer Dome



**BLAINE BAILEY**  
CFO

Chartered Professional Accountant, CGA working with public and private companies listed on the TSX, TSXV and NYSE over the past 20 years. Previously served as an accountant for Molson Brewery and controller for Nabob Coffee Co.



**BRENDA DAYTON**  
VP CORPORATE  
COMMUNICATIONS

Over 15 years of communications and compliance experience within the mining industry including serving in a variety of executive and senior roles with such companies as Ivanhoe Mines, Sunward Resources, Titan Uranium and Golden Queen Mining Co.



# DIVERSE BOARD OF DIRECTORS

## STRONG TRACK RECORD OF GLOBAL MINING RELATED M&A

<b>ERIC ZAUNSCHERB</b>	<ul style="list-style-type: none"><li>• Chairman &amp; CEO</li><li>• Geologist with over 30 years experience as a mining equity analyst. Previously served as Managing Director, Research – Metals &amp; Mining Analyst at Canaccord Genuity where he coordinated the firm’s global mining equity research team and is a Canadian geologist</li><li>• Holds the Chartered Financial Analyst designation</li></ul>
<b>MARCIO FONSECA</b>	<ul style="list-style-type: none"><li>• President &amp; COO of GR Silver Mining Ltd.</li><li>• Technical experience to evaluate exploration and operational assets with knowledge from exploration stage to mining operations</li><li>• Senior roles with Echo Bay Mines, SilverCrest Mines, Phelps Dodge, and Vale in Latin America. 25+ years of mining and financial industry experience; former Division Director for Macquarie Bank – Metals and Energy</li></ul>
<b>LAURA DIAZ</b>	<ul style="list-style-type: none"><li>• Lawyer in Mexico City and serves as a Mining Project Advisor in the areas of production, exploration and development and was the former General Director of Mines, within the Ministry of the Economy (Mexico); current Director of SilverCrest Metals</li></ul>
<b>JONATHAN RUBENSTEIN</b>	<ul style="list-style-type: none"><li>• Directly involved in negotiating or supervising acquisitions, mergers and takeover transactions in excess of \$5 billion and former Chairman of Mag Silver Corp.</li></ul>
<b>GINO DEMICHELE</b>	<ul style="list-style-type: none"><li>• Has led, structured and financed dozens of public and private deals spanning the last 22 years, a number of which exceeded market capitalization of \$500 million</li></ul>
<b>ADVISORY BOARD</b> DEREK WHITE	<ul style="list-style-type: none"><li>• Current President &amp; CEO of Ascot Resources - over 30 years of experience in the mining industry including \$1.5 billion Quadra merger with FNX; past Director of Mag Silver Corp.</li></ul>





## GR SILVER MINING

- ✓ Excels at identifying and creating quality opportunities for continuous resource growth
- ✓ Features our district scale Plomosas Project, hosting a diversity of large Ag-Au mineral deposit styles with excellent infrastructure and existing permits
- ✓ Led by an experienced management team and supportive Board of Directors with a strong track record in the global mining industry
- ✓ Nurturing talent and creating support for the Company's growth while positioning GRSL as a successful mining company in Mexico
- ✓ Committed to creating strong social license through our local initiatives





**APPENDIX**



# PLOMOSAS NI 43-101 RESOURCE STATEMENT

## PLOMOSAS/SAN JUAN \* TOTAL RESOURCES STATEMENT

Resource Category	Type	Tonnage MT	Au g/t	Au Koz	Ag g/t	Ag Moz	Pb %	Pb MIbs	Zn %	Zn MIbs	AgEq Moz	AgEq g/t
Indicated	OP	0.3	0.20	2	83	0.9	0.8	6.4	0.8	6.1	1.3	114
Inferred	t	1.4	0.12	5	78	3.6	0.9	27.3	0.7	23.5	4.8	103
Indicated	UG	2.1	0.76	50	38	2.5	0.9	41.7	1.5	66.7	9.1	136
Inferred	UG	4.4	0.57	79	36	5.0	0.9	88.4	1.3	125.1	16.2	116
<b>Total</b>	<b>Indicated</b>	<b>2.4</b>	<b>0.68</b>	<b>53</b>	<b>44</b>	<b>3.4</b>	<b>0.9</b>	<b>48.1</b>	<b>1.4</b>	<b>72.8</b>	<b>10.3</b>	<b>133</b>
<b>Total</b>	<b>Inferred</b>	<b>5.8</b>	<b>0.46</b>	<b>85</b>	<b>46</b>	<b>8.6</b>	<b>0.9</b>	<b>115.7</b>	<b>1.2</b>	<b>148.6</b>	<b>21.0</b>	<b>113</b>

\* Plomosas Mine Area and San Juan Mine Area see News Release dated August 23, 2021



# SAN MARCIAL NI 43-101 RESOURCE STATEMENT

## SAN MARCIAL RESOURCE SUMMARY

Class	Type	Cutoff AgEq g/t	Tonnage (000s)	Ag (g/t)	AgEq (g/t)	Zn (%)	Pb (%)	Ag (Moz.)	AgEq (Moz.)	Zn ('000 lbs)	Pb ('000 lbs)	
Indicated	Breccia	Breccia (OP)	30	2,909	202	241	0.66	0.44	18.9	23	42,227	28,504
		Breccia (UG)	80	55	90	124	0.64	0.25	0.2	0.2	770	307
		Breccia (Total)		2,963	200	239	0.66	0.44	19.0	22.8	42,997	28,811
	Stockwork	Stockwork (OP)	30	4,551	64	88	0.42	0.23	9.3	13	42,256	23,470
		Stockwork (UG)	80	95	72	103	0.49	0.26	0.2	0.3	1,018	548
		Stockwork (Total)		4,646	64	89	0.4	0.23	9.5	13.2	43,274	24,018
Inferred	Breccia		30	7,460	118	148	0.51	0.32	28.2	35	84,483	51,975
			80	149	79	111	0.54	0.26	0.4	0.5	1,788	855
		Indicated Total	Total	7,609	117	147	0.51	0.31	28.6	36.02	86,271	52,830
	Stockwork	Breccia (OP)	30	792	131	153	0.48	0.15	3.3	3.9	8,352	2,568
		Breccia (UG)	80	638	135	165	0.80	0.06	2.8	3.4	11,216	787
		Breccia (Total)		1,430	133	158	0.62	0.11	6.1	7.3	19,568	3,355
Stockwork	Stockwork (OP)	30	1,727	52	62	0.17	0.09	2.9	3.4	6,615	3,540	
	Stockwork (UG)	80	233	121	158	0.03	0.17	0.9	1.2	141	891	
	Stockwork (Total)		1,960	60	73	0.16	0.10	3.8	4.6	6,756	4,431	
Inferred Total		30	2,519	77	90	0.27	0.11	6.2	7.3	14,967	6,107	
		80	871	131	163	0.59	0.09	3.7	4.6	11,357	1,678	
	Inferred Total	Total	3,390	91	109	0.35	0.10	9.9	11.9	26,324	7,786	



GR SILVER MINING LTD.  
Suite 1050 – 400 Burrard Street  
Vancouver, BC, Canada V6C 3A6

**FOR INVESTOR RELATIONS:**

**BRENDA DAYTON**

VP Corporate Communications  
bdayton@grsilvermining.com  
T. 604.417.7952



@GRSilverMining

GR Silver Mining

GR Silver Mining Ltd.

[www.grsilvermining.com](http://www.grsilvermining.com)

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