

PRESENTATION // MARCH 2026



PAN AMERICAN
— SILVER —

INTRODUCING THE EXPANDED LA COLORADA MINE

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CAUTIONARY NOTE

Non-GAAP Measures

This presentation of Pan American Silver Corp. and its subsidiaries (collectively, "Pan American", "Pan American Silver", the "Company", "we" or "our") refers to various non-GAAP measures, such as "AISC". These measures do not have any standardized meaning prescribed by IFRS and are therefore unlikely to be comparable to similar measures presented by other companies. Any reference to "AISC" in this presentation should be understood to mean all-in sustaining costs per silver or gold ounce sold, net of by-product credits (respectively, the "Silver Segment AISC" or "Gold Segment AISC"), presented on an Attributable basis. Readers should refer to the "Alternative Performance (Non-GAAP) Measures" section of the Company's Management's Discussion and Analysis ("MD&A") for the year ended December 31, 2025, available at www.sedarplus.ca and at www.sec.gov/edgar

Reporting Currency and Financial Information

Unless we have specified otherwise, all references to dollar amounts or \$ are to United States dollars.

Cautionary Note Regarding Forward Looking Statements and Information

Certain of the statements and information in this presentation, including any information relating to Pan American's future oriented financial information, constitute "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" within the meaning of applicable Canadian provincial securities laws. All statements, other than statements of historical fact, are forward-looking statements or information. Forward-looking statements or information in this presentation relate to, among other things: estimated average silver, zinc and lead production of the Expanded La Colorada Mine (as defined on slide 4); the expected development of the next large-scale, low-cost silver mine; any upside potential with respect to mineral resources, and whether higher production rates will be possible or achieved; estimates with respect to life-of-mine, including the duration of the projected mine life, capital costs; all-in sustaining costs, NPV and after-tax IRR, production capacity, and other metrics; production from the existing La Colorada vein mine mineral reserves will continue throughout construction, commissioning, and well into the operation of the La Colorada Skarn Project (as defined on slide 4); an updated

technical report prepared in accordance with NI 43-101 on the La Colorada property will be filed with Canadian regulators within 45 days of our corresponding news release dated March 24, 2026; the possibility of further expansion of the mine in the future; the timing of the construction and development period, and the expected initial production; mineral resource estimates; that the zinc and silver bearing lead concentrates will be high-grade, high-quality and therefore readily marketable; the expected storing of the tailings; and Pan American's plans and expectations for its properties and operations.

These forward-looking statements and information reflect Pan American's current views with respect to future events and are necessarily based upon a number of assumptions that, while considered reasonable by Pan American, are inherently subject to significant operational, business, economic and regulatory uncertainties and contingencies. These assumptions include: tonnage of ore to be mined and processed; future anticipated prices for gold, silver and other metals and assumed foreign exchange rates; the timing and impact of planned capital expenditure projects, including anticipated sustaining, project, and exploration expenditures; the ongoing impact and timing of the court-mandated ILO 169 consultation process in Guatemala; risks related to increased barriers to trade, including tariffs and duties; ore grades and recoveries; capital, decommissioning and reclamation estimates; our mineral reserve and mineral resource estimates and the assumptions upon which they are based; prices for energy inputs, labour, materials, supplies and services (including transportation); no labour-related disruptions at any of our operations; no unplanned delays or interruptions in scheduled production; all necessary permits, licenses and regulatory approvals for our operations are received in a timely manner; our ability to secure and maintain title and ownership to mineral properties and the surface rights necessary for our operations, including contractual rights from third parties and adjacent property owners; whether Pan American is able to maintain a strong financial condition and have sufficient capital, or have access to capital through our corporate credit facility or otherwise, to sustain our business and operations; and our ability to comply with environmental, health and safety laws. The foregoing list of assumptions is not exhaustive.

Pan American cautions the reader that forward-looking statements and information involve known and unknown risks, uncertainties and other factors that may cause actual results and developments to differ materially from those expressed or implied by such forward-looking statements or information contained in this presentation and Pan American has made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation: the duration and effect of local and world-wide inflationary pressures, tariffs and the potential for economic recessions; fluctuations in silver, gold and base metal prices; fluctuations in prices for energy inputs, labour, materials, supplies and services (including transportation); fluctuations

in currency markets; operational risks and hazards inherent with the business of mining (including environmental accidents and hazards, industrial accidents, equipment breakdown, unusual or unexpected geological or structural formations, cave-ins, flooding and severe weather); risks relating to the credit worthiness or financial condition of suppliers, refiners and other parties with whom Pan American does business; inadequate insurance, or inability to obtain insurance, to cover these risks and hazards; employee relations; relationships with, and claims by, local communities and indigenous populations; our ability to obtain all necessary permits, licenses and regulatory approvals in a timely manner; changes in laws, regulations and government practices in the jurisdictions where we operate, including environmental, export and import laws and regulations; changes in national and local government, legislation, taxation, controls or regulations and political, legal or economic developments in Canada, the United States, Mexico, Peru, Argentina, Bolivia, Guatemala, Chile, Brazil or other countries where Pan American may carry on business, including legal restrictions relating to mining, risks relating to expropriation and risks relating to the constitutional court-mandated ILO 169 consultation process in Guatemala; diminishing quantities or grades of mineral reserves as properties are mined; increased competition in the mining industry for equipment and qualified personnel; those factors identified under the caption "Risks Related to Our Business" in Pan American's most recent Form 40-F and Annual Information Form filed with the United States Securities and Exchange Commission ("SEC") and Canadian provincial securities regulatory authorities, respectively.

Although Pan American has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated, described or intended. Investors are cautioned against undue reliance on forward-looking statements or information. Forward-looking statements and information are designed to help readers understand management's current views of our near- and longer-term prospects and may not be appropriate for other purposes. Pan American does not intend, nor does it assume any obligation to update or revise forward-looking statements or information, whether as a result of new information, changes in assumptions, future events or otherwise, except to the extent required by applicable law.

THIS PRESENTATION DOES NOT CONSTITUTE (AND MAY NOT BE CONSTRUED TO BE) A SOLICITATION OR OFFER BY PAN AMERICAN OR ANY OF OUR RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES, REPRESENTATIVES OR AGENTS TO BUY OR SELL ANY SECURITIES OF ANY PERSON IN ANY JURISDICTION, OR A SOLICITATION OF A PROXY OF ANY SECURITYHOLDER OF ANY PERSON IN ANY JURISDICTION, IN EACH CASE, WITHIN THE MEANING OF APPLICABLE LAWS.

C O N T I N U E D O N N E X T P A G E

CONTINUED

Technical Information

All mineral reserves and mineral resources have been estimated in accordance with the *CIM Definition Standards on Mineral Resources and Mineral Reserves*, adopted by the CIM Council, as amended (the “CIM Standards”) and reported in accordance with National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* (“NI 43-101”). Mineral resources are reported exclusives of mineral reserves. Pan American does not expect these mineral reserve and mineral resource estimates to be materially affected by metallurgical, environmental, permitting, legal, taxation, socio-economic, political, and marketing or other relevant issues. The Company has undertaken a verification process with respect to the data disclosed in this presentation. The mineral resources and mineral reserves databases comprising drilling and, in some cases, surface and underground sampling, have been compiled at each of the Pan American mine sites by the qualified staff. All the assay data used in the resource evaluation provided by each of the mines has been subjected to the industry standard quality assurance and quality control (“QA/QC”) program including the submission of certified standards, blanks, and duplicate samples. The results are reviewed monthly by management. The results of the QA/QC samples submitted for the resource databases demonstrate acceptable accuracy and precision. The Qualified Person is of the opinion that the sample preparation, analytical, and security procedures followed for the samples are sufficient and reliable for the purpose of these mineral resource and mineral reserve estimates. Pan American is not aware of any drilling, sampling, recovery or other factors that could materially affect the accuracy or reliability of the data reported herein. Quantities and grades of contained metal are shown before metallurgical recoveries.

For further information on the Company’s material mineral properties, including detailed information concerning associated QA/QC and data verification matters, the key assumptions, parameters and methods used by the Company to estimate mineral reserves and mineral resources, and for a detailed description of known legal, political, environmental, and other risks that could materially affect the Company’s business and the potential development of the Company’s mineral reserves and mineral resources, see the Company’s Annual Information Form dated February 18, 2026, available on the Company’s profile at www.sedarplus.ca.

Technical information contained in this presentation with respect to Pan American has been reviewed and approved by Christopher Emerson, FAusIMM., Senior Vice President of Exploration and Geology, Christopher Wright P.Geol. Vice President Mineral Resource Management and Martin Wafforn, P.Eng., Senior Vice President Technical Services and Process Optimization, who are all Qualified Persons for the purposes of NI 43-101. Pan American Silver Corp. is authorized by The Association of Professional Engineers and Geoscientists of the Province of British Columbia to engage in Reserved Practice under Permit to Practice number 1001470.

Cautionary Note to U.S. Investors Concerning Estimates of Mineral Reserves and Resources

Unless otherwise indicated, all reserve and resource estimates included in this presentation have been prepared in accordance with Canadian NI 43-101 and the CIM Standards. NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. Canadian standards, including NI 43-101, differ significantly from the requirements of the SEC, and reserve and resource information included herein may not be comparable to similar information disclosed by U.S. companies. In particular, and without limiting the generality of the foregoing, this presentation uses the terms “measured resources,” “indicated resources” and “inferred resources” as defined in accordance with NI 43-101 and the CIM Standards. U.S. investors are advised that, while such terms are recognized and required by Canadian securities laws, the SEC does not recognize them. The requirements of NI 43-101 for identification of “reserves” are not the same as those of the SEC and may not qualify as “reserves” under SEC standards. Under U.S. standards, mineralization may not be classified as a “reserve” unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve determination is made. U.S. investors are cautioned not to assume that any part of an “indicated resource” will ever be converted into a “reserve”. U.S. investors should also understand that “inferred mineral resources” have a great amount of uncertainty as to their existence and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of “inferred resources” exist, are economically or legally mineable or will ever be upgraded to a higher category. Under Canadian securities laws, estimated “inferred mineral resources” may not form the basis of feasibility or pre-feasibility studies except in rare cases.

THE EXPANDED LA COLORADA MINE

// A clear pathway to develop the next large-scale, low-cost silver mine

- The revised Preliminary Economic Assessment (“Revised PEA”) envisions the construction of a new 15,000 tpd conventional selective floatation plant to process a portion of the mineral resources from the La Colorada vein mine as well as high grade portions of the skarn deposit mineral resources (the “La Colorada Skarn Project”)
- Production from the existing La Colorada vein mine mineral reserves will continue throughout construction, commissioning, and well into the operation of the La Colorada Skarn Project, resulting in an overall expansion of La Colorada (the “Expanded La Colorada Mine”).

Expanded La Colorada Mine Initial Five Year Period Average Production¹	
La Colorada Skarn Project	La Colorada Vein Mine
15.8 Moz Ag	3.3 Moz Ag
239 kt Zn	6 kt Zn

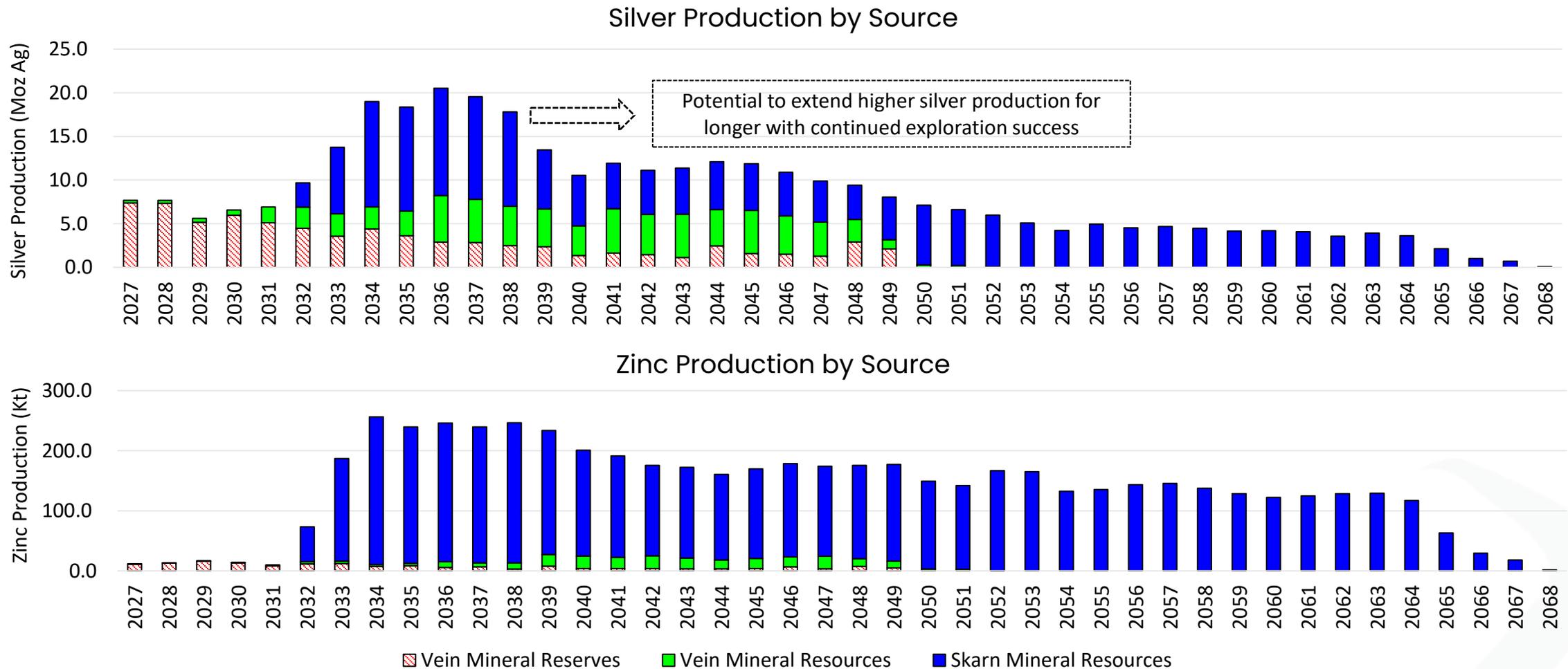
The Preliminary Economic Assessment (“PEA”) is preliminary in nature, includes inferred mineral resources that would be considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized.

Note: Please refer to Pan American’s news release dated March 24, 2026 for details. An updated technical report prepared in accordance with NI 43-101 on the La Colorada property will be filed with Canadian securities regulators within 45 days of our corresponding news release dated March 24, 2026. | 1. Includes years 2034 – 2038 (the “Initial Five Year Period”).



EXPANDED LA COLORADA MINE PRODUCTION PROFILE

// Production is anticipated to average 19.1 million ounces of silver annually over the Initial Five Year Period following commissioning and ramp up

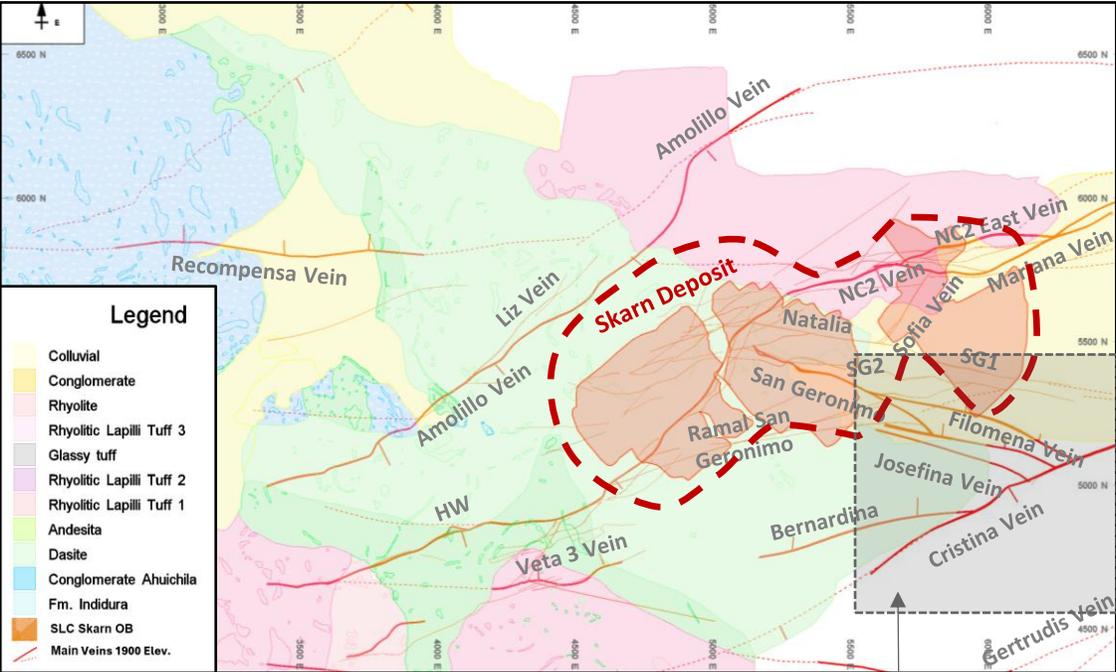


Note: Please refer to Pan American's news release dated March 24, 2026 for details.

EXPANDED LA COLORADA MINE OVERVIEW

- Existing La Colorada vein mine is expected to continue to be mined using the current infrastructure while development progresses to access new high-grade veins in the eastern Candelaria area and high grade skarn deposit mineralization
- Option remains to target lower grade material in potential future expansion using alternative mining methodologies

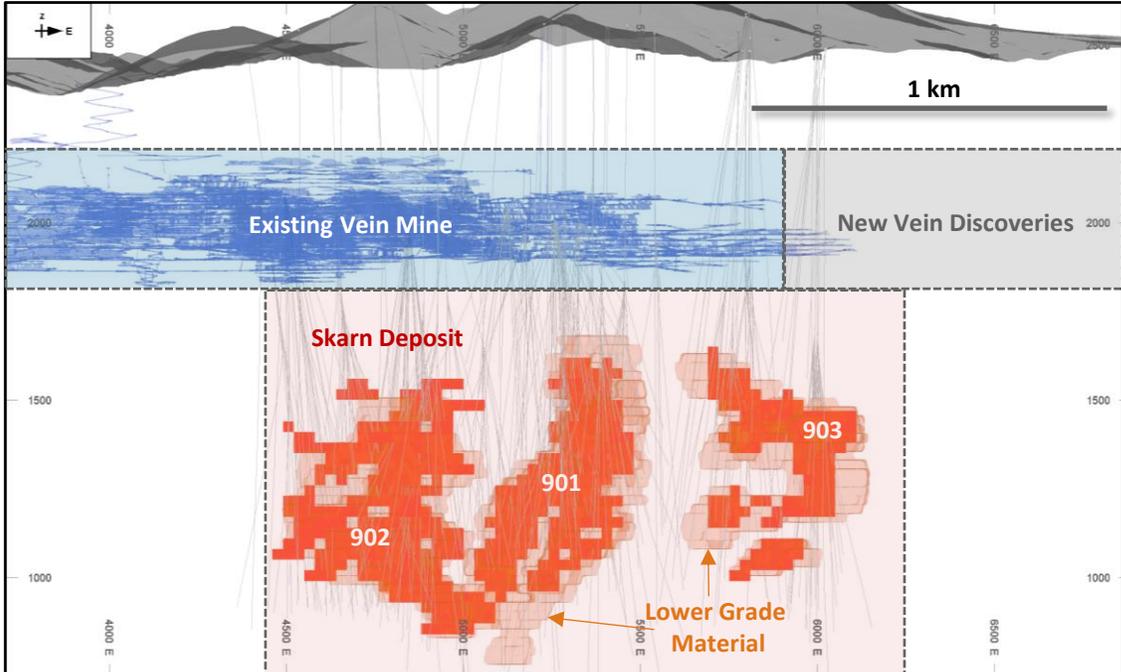
Expanded La Colorada Mine Plan View



DATUM: Local Mine Grid

New Vein Discoveries

Expanded La Colorada Mine Section View



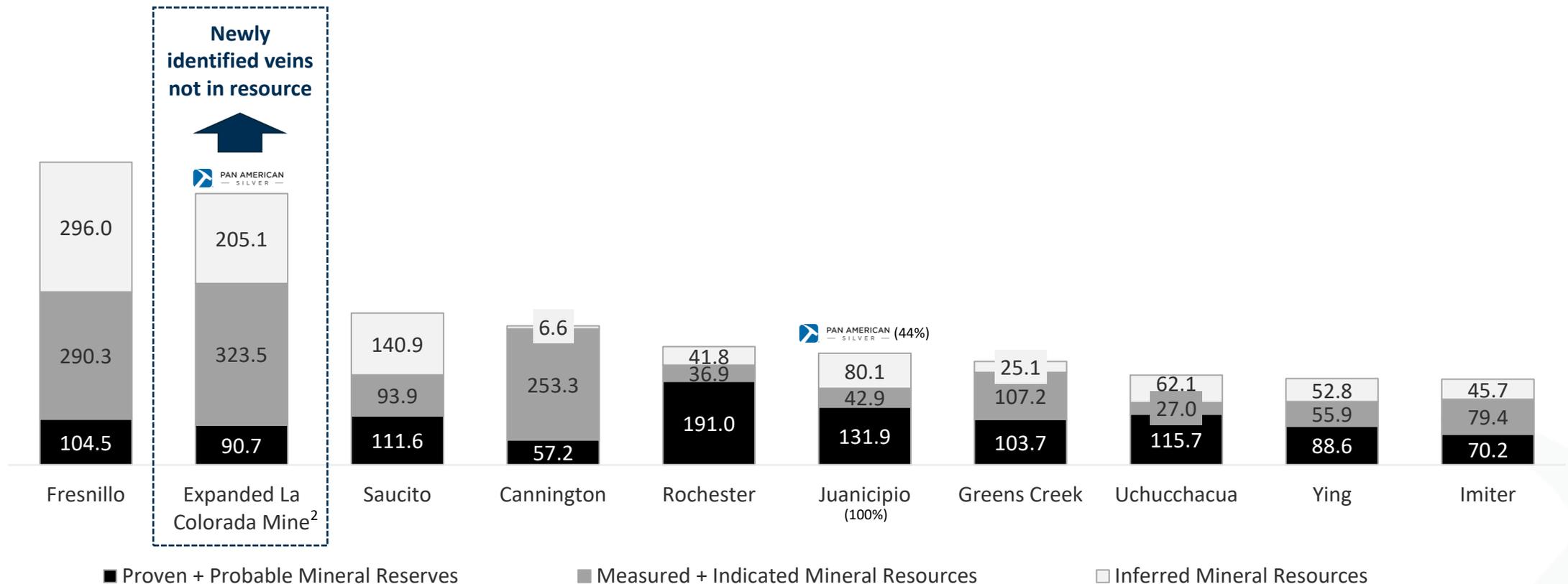
➤ Jun 2024 Skarn SLC Shapes >\$45 NSR
 ➤ Underground Workings
 — Surface Topography

➤ Jun 2024 Skarn High Grade Areas >\$75 NSR
 — Skarn Drillholes Traces

LA COLORADA HAS BECOME ONE OF THE WORLD'S LARGEST SILVER DEPOSITS

// Successful exploration drilling has transformed La Colorada into a Tier-1 Silver Asset

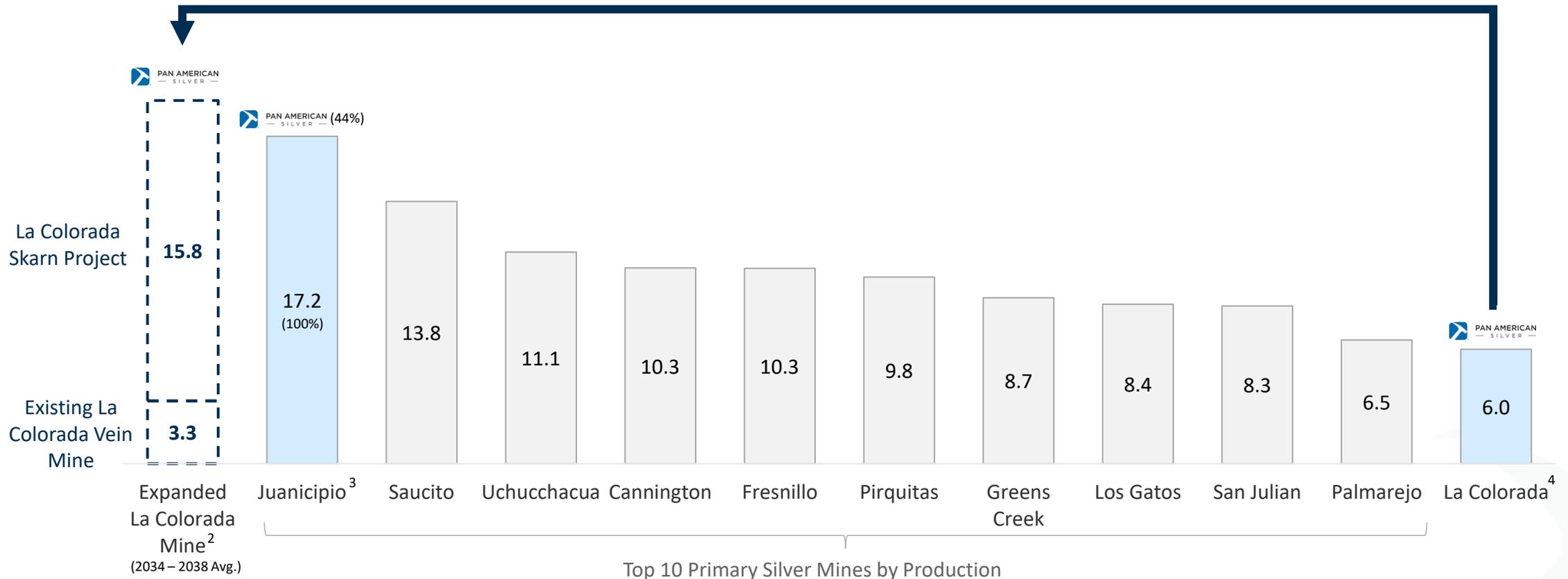
Top 10 Largest Operating Primary Silver Mines by Contained Mineral Reserves & Resources¹



Source: S&P Global. | 1. As per S&P Global, except La Colorada and La Colorada Skarn, which is based on estimated mineral reserves and mineral resources reported as of June 30, 2025. See slides 17 -22 for more detailed information on the Company's mineral reserves and mineral resources. Includes Primary Silver Mines as defined by S&P Global. | 2. Includes reported mineral reserves and mineral resources from the La Colorada vein mine and the La Colorada skarn deposit.

LA COLORADA HAS POTENTIAL TO BECOME ONE OF THE WORLD'S LARGEST SILVER MINES BY ANNUAL PRODUCTION

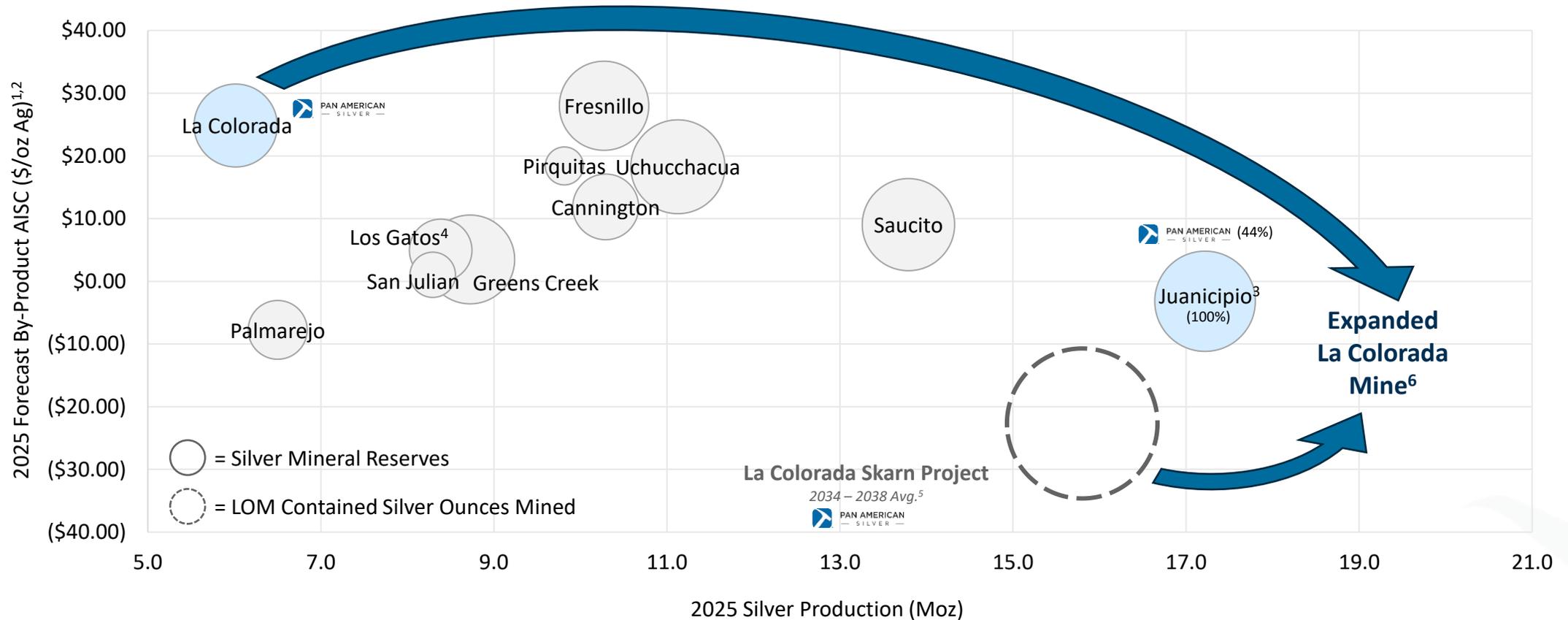
Illustrative Comparison to Primary Silver Mines by 2025 Production (Moz Ag)¹



Source: S&P Global. | Note: All data is as per S&P Global unless otherwise specified, except Pan American assets which are as per 2025 actual results as reported. | 1. Primary silver mines are as defined by S&P. The Expanded La Colorada Mine will not necessarily be a primary silver mine as defined by S&P Global but it has been included for illustrative purposes. | 2. Peak average annual silver production during the Initial Five Year Period based on the results of the PEA and existing La Colorada vein mine LOM plan. Please refer to Pan American's news release dated March 24, 2026. | 3. Juanicipio production is presented on an 100% basis and represents the full year. Pan American owns a 44% interest in Juanicipio. | 4. Actual production results from the existing La Colorada vein mine in 2025. La Colorada was not a top 10 silver mine by production in 2025 but is displayed here for comparison.

LA COLORADA'S EVOLUTION TO A TOP-TIER SILVER MINE

Illustrative Comparison to Select Large-Scale Silver Mines by 2025 Production and AISC¹



Source: S&P Global. | Note: All data is as per S&P Global unless otherwise specified, except Pan American assets, which are as per 2025 actual results as reported. | 1. AISC is a non-GAAP measure. Please refer to the "Alternative Performance (non-GAAP) Measures" section of our Management's Disclosure and Analysis ("MD&A") for the period ended December 31, 2025 for a detailed description of this measure. | 2. S&P Global has not released 2025 actual figures; therefore, 2025 forecast figures are presented in lieu unless otherwise specified. | 3. Juancipio production is presented on an 100% basis. AISC figure is for the four months that the asset was 44% owned by Pan American. | 4. Based on the 2024 LOM Plan issued by Gatos Silver Inc. dated September 25, 2024 as a 2025 forecast is not available as per S&P Global. | 5. Please refer to Pan American's news release dated March 24, 2026. Bubble size is based on life-of-mine contained silver ounces mined as per the PEA for illustrative purposes as mineral reserves have not been declared for the La Colorada Skarn Project. | 6. Positioning of the Expanded La Colorada Mine is illustrative based on the results of the Revised PEA and production from the existing La Colorada vein mine mineral reserves.

LA COLORADA SKARN PROJECT REVISED PRELIMINARY ECONOMIC ASSESSMENT RESULTS

The PEA is preliminary in nature, includes inferred mineral resources that would be 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 preliminary economic assessment will be realized.

LA COLORADA SKARN PROJECT: REVISED PEA HIGHLIGHTS

- 
Large-scale, long-life silver production at negative AISC^{1,2}
- 
Leveraged to silver revenue – 42% of revenue from silver during Initial Five Year Period (up to 51% in the Upside Price Scenario³)
- 
Significant Free Cash Flow generation of \$653 million per year over the Initial Five Year Period²
- 
Reduced development risk – conventional long-hole open stoping mining method
- 
Future potential remains to mine lower-grade material through a caving mining method

Note: Please refer to Pan American’s news release dated March 24, 2026. | 1. AISC of (\$22.67) per payable silver ounce during the Initial Five Year Period. | 2. Free Cash Flow and AISC are non-GAAP measures. Please refer to the “Alternative Performance (non-GAAP) Measures” section of our Management’s Disclosure and Analysis (“MD&A”) for the period ended December 31, 2025 for a detailed description of this measure. | 3. “Upside Price Scenario” refers to \$75.00 per ounce of silver, \$3,400 per tonne of zinc, and \$2,000 per tonne of lead. | 4. Mine life following completion of the construction of the new 15,000 tpd processing plant. | 5. Includes capital leases. | 6. “Base Case Prices” refer to \$45.00 per ounce of silver, \$2,800 per tonne of zinc, and \$2,000 per tonne of lead.

Study Results

37 Years <i>La Colorada Skarn Project Mine Life⁴</i>	15,000 tpd <i>Nominal Production Rate</i>
(\$22.67)/oz <i>AISC per payable silver ounce² Initial Five Year Period</i>	\$1.9 Billion <i>Initial Capital⁵</i>
\$2.6 Billion <i>After-Tax NPV_{5%} at Base Case Prices⁶</i>	17% <i>After-Tax IRR at Base Case Prices⁶</i>
\$5.2 Billion <i>After-Tax NPV_{5%} at Upside Price Scenario³</i>	25% <i>After-Tax IRR at Upside Price Scenario³</i>

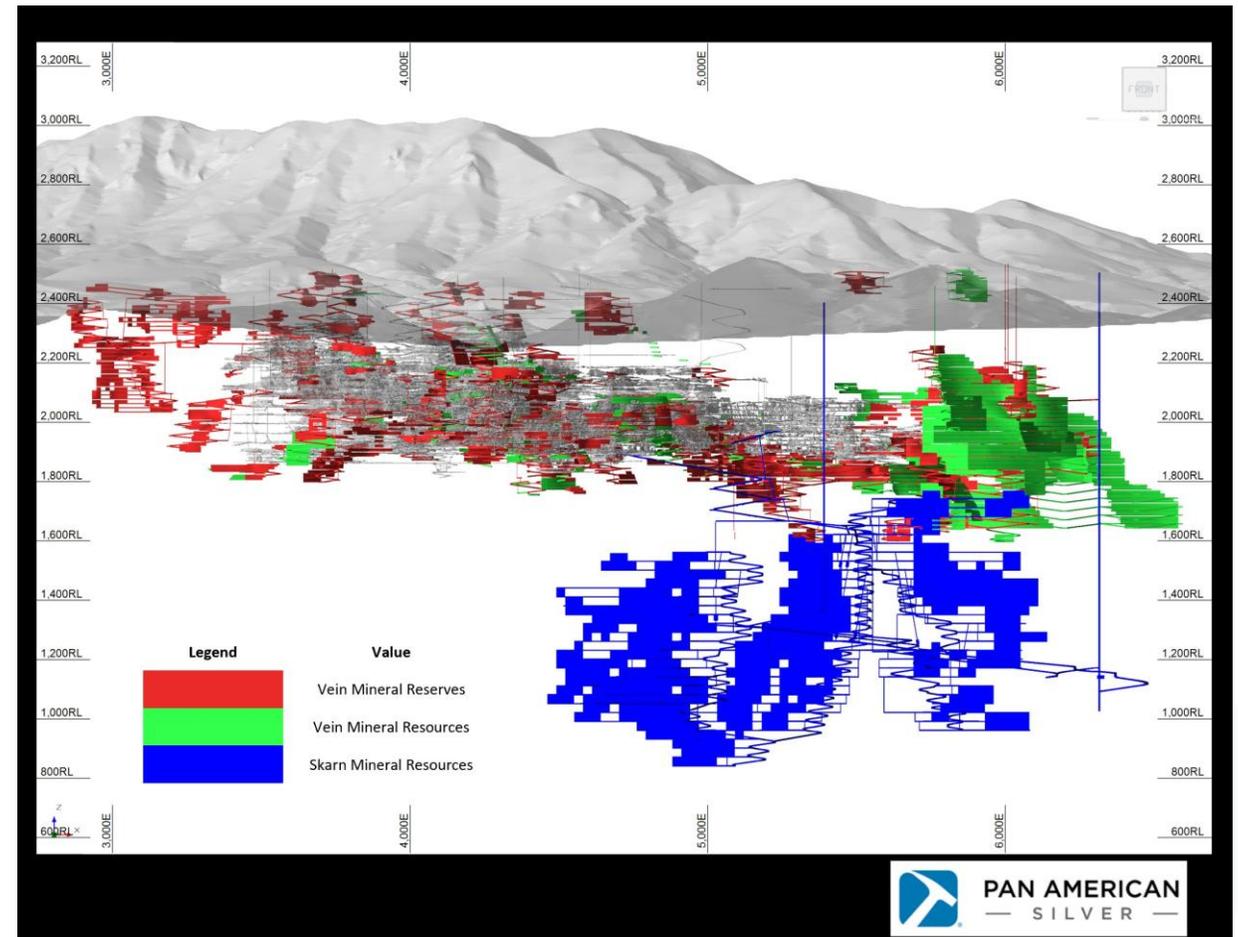
Figures do not include contribution from La Colorada Mineral Reserves

The PEA is preliminary in nature, includes inferred mineral resources that would be 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 preliminary economic assessment will be realized.

MINING METHOD: SUB-LEVEL OPEN STOPPING

// Development of a 15,000 tpd mine utilizing a sub-level open stoping method (“SLOS”) with paste backfill

- Conventional SLOS mining method allows for:
 - ✓ Lower initial capital relative to the 2023 PEA¹
 - ✓ Reduced geotechnical risk relative to the 2023 PEA¹
 - ✓ Preservation of existing infrastructure
 - ✓ Continued operation of the La Colorada vein mine
- Preliminary work on the decline from the existing 588 level is anticipated to begin in 2026 to access the skarn deposit
- Revised PEA contemplates construction of a 1,480m production shaft and a 1,363m ventilation shaft shortly thereafter



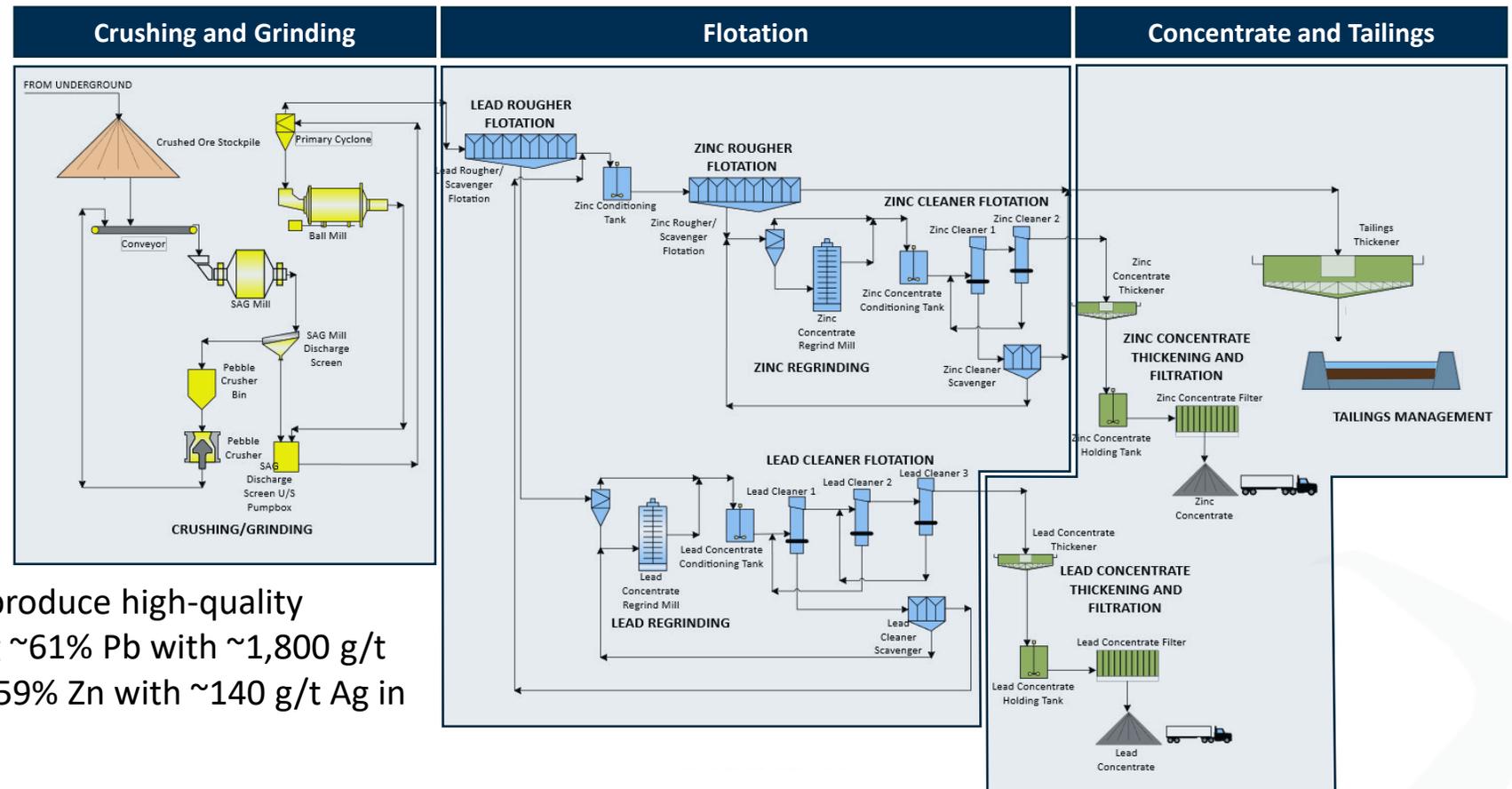
Note: Please refer to Pan American's news release dated March 24, 2026 for details.

1. Please refer to the technical report relating to the La Colorada property entitled "Amended NI 43-101 Technical Report for the La Colorada Property, Zacatecas, Mexico", dated effective December 18, 2023.

MINERAL PROCESSING: CONVENTIONAL FLOTATION

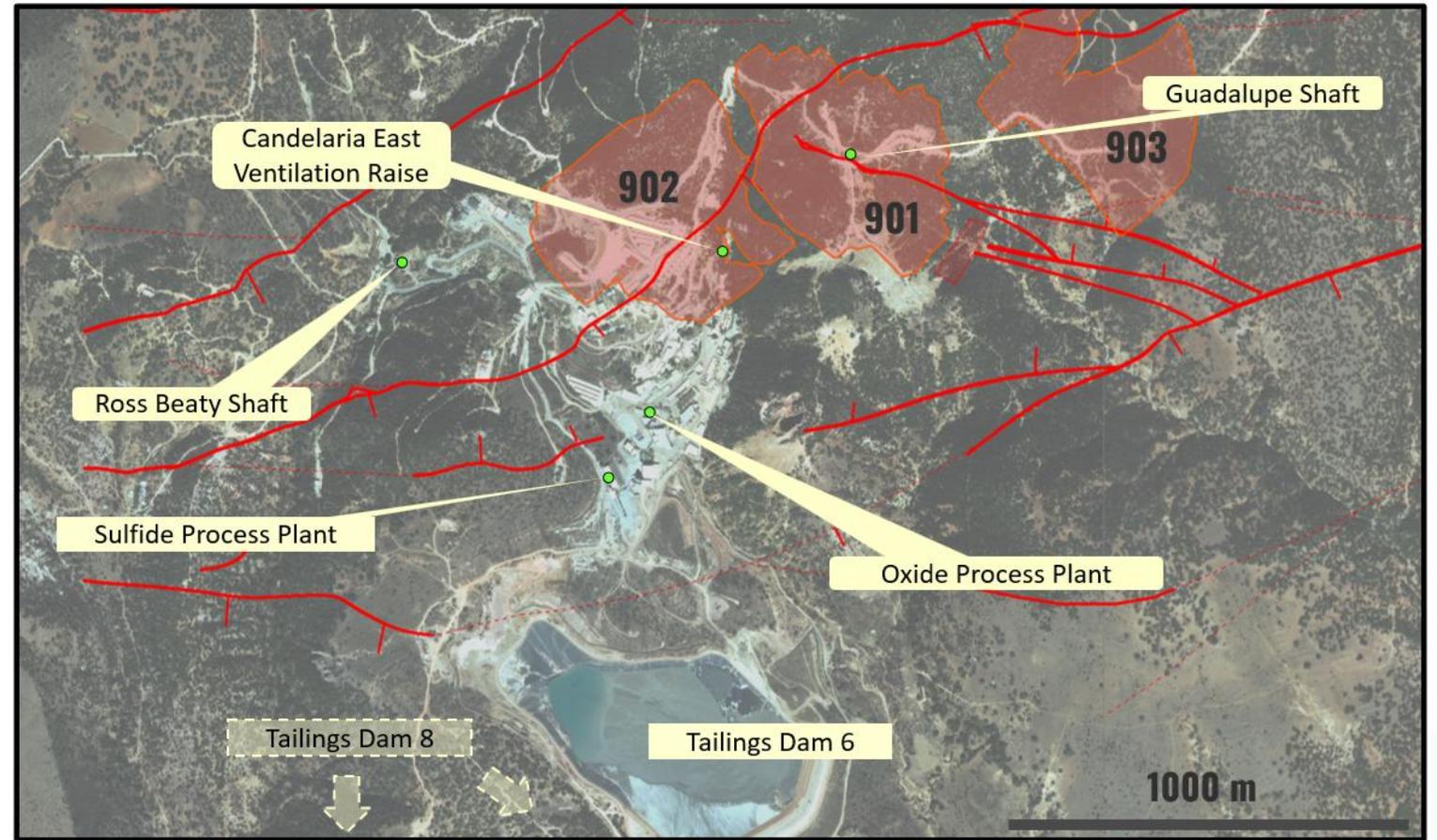
// Construction of a new 15,000 tpd conventional selective flotation plant would be timed to match the expected initial production from the skarn deposit in 2032

- Plant is expected to be located adjacent to the existing La Colorado vein mine, allowing material from both deposits to be processed through a common processing facility
- La Colorado Skarn Project overall silver recovery is estimated at 89.7% with the majority reporting to the lead concentrate
- Flotation circuit is expected to produce high-quality marketable concentrates grading ~61% Pb with ~1,800 g/t Ag in the lead concentrate and ~59% Zn with ~140 g/t Ag in the zinc concentrate



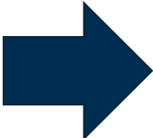
OTHER HIGHLIGHTS & SITE LAYOUT

- **Tailings management:** Tailings not required for paste backfill will be stored in a new conventional tailings storage facility located within property owned by Pan American.
- **Permitting:** No additional permitting is required for the 588-level decline that will provide initial access to the skarn deposit. Permit applications would need to be submitted for the mine shafts, processing plant, and tailings facility expansions.
- **Exploration potential:** Continued exploration success or metal price strength could support further resource growth.



REVISED APPROACH TO LA COLORADA SKARN DEVELOPMENT

// Revised approach to development reduces project risk and is within Pan American's ability to self-fund

	2023 PEA ¹		La Colorada Vein Mine ²	La Colorada Skarn Project ²	
Mine Life	18 Years	 <p>Revised approach to development allowing continuation of existing La Colorada vein mine</p> 	23 Years	37 Years	 <p>Conventional mining method enables simultaneous operation of existing vein mine</p>
Production Rate	50,000 tpd		15,000 tpd		 <p>Lower initial capital requirement with higher NPV</p>
Avg. Silver Production ³	18.5 Moz Ag ⁴		3.3 Moz Ag	15.8 Moz Ag	 <p>Maintains large scale silver production</p>
Silver % Revenue ³	17% ⁴		n.a.	42%	 <p>Higher exposure to silver as a share of revenue</p>
Initial Capital	\$2.8 billion		-	\$1.9 billion	 <p>Longer-life asset with optionality for additional vein mining or block caving</p>
NPV ⁵	\$1.1 billion		n.a.	\$2.6 billion	
IRR	14%		n.a.	17%	
NPV ⁵ : Initial Capital	0.38 : 1		n.a.	1.3 : 1	

1. Please refer to the technical report relating to the La Colorada property entitled "Amended NI 43-101 Technical Report for the La Colorada Property, Zacatecas, Mexico", dated effective December 18, 2023. Figures assume metal prices of \$22.00 per ounce of silver, \$2,800 per tonne of zinc, and \$2,200 per tonne of lead. | 2. Please refer to the news release dated March 24, 2026. Figures reflect Base Case Prices and (\$45.00 per ounce of silver, \$2,800 per tonne of zinc, and \$2,000 per tonne of lead). | 3. Represents figures during the Initial Five Year Period. | 4. Based on Year 3 to Year 7 of the 2023 PEA, which represents the relative comparable period. | 5. The 2023 PEA mine plan was discounted at 8% given its higher risk profile and relative base metals production. The Revised PEA is discounted at 5% given its lower risk profile and relatively higher silver production.



PAN AMERICAN
— SILVER —

Q & A

To join the queue:

Press * and 1 on your touch-tone telephone.
You will hear a tone acknowledging your request.

If you wish to remove yourself from the queue, press * and 2

PAN AMERICAN SILVER MINERAL RESERVES as of June 30, 2025^{1,2}

Property	Location	Classification	Tonnes (Mt)	Ag (g/t)	Contained Ag (Moz)	Au (g/t)	Contained Au (koz)	Cu (%)	Contained Cu (kt)	Pb (%)	Contained Pb (kt)	Zn (%)	Contained Zn (kt)
Escobal	Guatemala	Proven	2.5	486	39.5	0.42	34.2	-	-	1.02	25.7	1.75	44.4
		Probable	22.1	316	225.0	0.34	243.8	-	-	0.77	169.9	1.25	275.7
La Colorada ⁽³⁾	Mexico	Proven	3.4	300	33.2	0.21	23.3	-	-	1.24	42.5	2.17	74.6
		Probable	6.1	295	57.5	0.21	40.4	-	-	1.20	72.6	2.21	133.8
Huaron	Peru	Proven	5.3	145	24.6	-	-	0.37	19.5	1.59	83.9	2.89	152.5
		Probable	3.6	138	16.1	-	-	0.33	11.8	1.62	58.8	2.77	100.4
San Vicente (95%) ⁽⁴⁾	Bolivia	Proven	0.8	312	7.6	-	-	0.32	2.4	0.29	2.2	3.81	28.7
		Probable	0.5	247	3.8	-	-	0.28	1.4	0.30	1.4	3.49	16.9
Cerro Moro	Argentina	Proven	0.3	223	2.1	9.94	92.2	-	-	-	-	-	-
		Probable	0.3	282	2.9	5.59	57.6	-	-	-	-	-	-
Total Silver Segment⁽⁵⁾			44.9	286	412.3	0.34	491.5	0.08	35.1	1.02	456.9	1.84	827.2
Jacobina	Brazil	Proven	19.2			1.74	1,069.3	-	-	-	-	-	-
		Probable	35.9			1.78	2,058.2	-	-	-	-	-	-
Shahuindo	Peru	Proven	36.8	8	9.5	0.50	594.9	-	-	-	-	-	-
		Probable	44.2	5	6.8	0.27	382.5	-	-	-	-	-	-
El Peñon	Chile	Proven	1.1	187	6.5	4.37	152.1	-	-	-	-	-	-
		Probable	4.0	120	15.6	3.65	473.5	-	-	-	-	-	-
Timmins	Canada	Proven	5.0			2.79	450.8	-	-	-	-	-	-
		Probable	4.6			2.68	395.1	-	-	-	-	-	-
Minera Florida	Chile	Proven	0.6	11	0.2	3.14	60.9	-	-	-	-	1.16	7.0
		Probable	2.0	21	1.4	3.21	210.0	-	-	-	-	0.93	18.9
Total Gold Segment⁽⁵⁾			153.5	8	40.1	1.18	5,847.2	-	-	-	-	0.02	25.9
Total Gold and Silver Segments⁽⁵⁾		Proven + Probable	198.4	71	452.3	0.99	6,338.7	0.02	35.1	0.23	456.9	0.43	853.1

(1) See table below entitled "Metal price assumptions used to estimate mineral reserves and mineral resources as at June 30, 2025".

(2) This table does not include mineral reserves resulting from Pan American's acquisition of MAG, including from Pan American's share of Juanicipio's mineral reserves.

(3) La Colorada Proven and Probable reserves include 1.6Mt at an average grade of 440 g/t Ag and 0.26 g/t Au containing 23.2 million ounces of silver and 13.7 thousand ounces of gold that are subject to a net profit share agreement with a third party.

(4) This information represents the portion of mineral reserves attributable to Pan American based on its ownership interest in the operating entity as indicated.

(5) Totals may not add up due to rounding. Grades are calculated on total tonnes.

PAN AMERICAN SILVER MEASURED + INDICATED RESOURCES

as of June 30, 2025^{1,2,3,4}

Property	Location	Classification	Tonnes (Mt)	Ag (g/t)	Contained Ag (Moz)	Au (g/t)	Contained Au (koz)	Cu (%)	Contained Cu (kt)	Pb (%)	Contained Pb (kt)	Zn (%)	Contained Zn (kt)
Navidad	Argentina	Measured	15.4	137	67.8	-	-	0.10	15.4	1.44	221.8	-	-
		Indicated	139.8	126	564.5	-	-	0.04	55.9	0.79	1,104.4	-	-
La Colorada Skarn	Mexico	Indicated	265.4	36	308.7	-	-	-	-	1.37	3,648.9	2.85	7,554.4
Escobal	Guatemala	Measured	2.3	251	18.6	0.23	16.7	-	-	0.31	7.2	0.59	13.5
		Indicated	14.2	201	91.6	0.20	93.0	-	-	0.38	53.7	0.66	92.9
Huaron	Peru	Measured	1.6	120	6.1	-	-	0.31	5.0	0.95	15.1	1.92	30.5
		Indicated	2.8	112	10.1	-	-	0.21	5.9	1.15	32.3	2.15	60.4
La Colorada ⁽⁵⁾	Mexico	Measured	0.4	229	3.0	0.12	1.6	-	-	0.91	3.8	1.55	6.4
		Indicated	2.6	144	11.8	0.35	28.7	-	-	0.68	17.4	1.14	29.3
Manantial Espejo	Argentina	Measured	0.3	164	1.7	2.40	24.7	-	-	-	-	-	-
		Indicated	1.0	149	4.9	2.79	91.5	-	-	-	-	-	-
Cerro Moro	Argentina	Measured	0.3	277	2.2	4.87	39.2	-	-	-	-	-	-
		Indicated	0.8	254	6.1	5.58	135.1	-	-	-	-	-	-
San Vicente (95%) ⁽⁶⁾	Bolivia	Measured	0.7	183	4.3	-	-	0.20	1.5	0.20	1.4	2.85	21.0
		Indicated	0.3	174	1.7	-	-	0.24	0.7	0.17	0.5	2.97	8.9
Total Silver Segment⁽⁷⁾			447.8	77	1,103.3	0.03	430.5	0.02	84.4	1.14	5,106.4	1.75	7,817.2

(1) See table below entitled "Metal price assumptions used to estimate mineral reserves and mineral resources as at June 30, 2025".

(2) Mineral resources are reported exclusive of mineral reserves.

(3) This table does not include mineral resources resulting from Pan American's acquisition of MAG, including from Pan American's share of Juanicipio's mineral resources and from the Larder Project.

(4) This table has been updated to reflect the completion of the sale of Pan American's interest in La Pepa on September 22, 2025 and the completion of the sale of Pico Machay on December 24, 2025.

(5) La Colorada Measured and Indicated resources include 0.1 Mt at an average grade of 95 g/t Ag, and 0.17 g/t Au containing 0.2 million ounces of silver and 0.4 thousand ounces of gold that are subject to a net profit share agreement with a third party.

(6) This information represents the portion of mineral resources attributable to Pan American based on its ownership interest in the operating entity as indicated.

(7) Totals may not add up due to rounding. Grades are calculated on total tonnes.

PAN AMERICAN SILVER MEASURED + INDICATED RESOURCES

as of June 30, 2025^{1,2,3,4}

Property	Location	Classification	Tonnes (Mt)	Ag (g/t)	Contained Ag (Moz)	Au (g/t)	Contained Au (koz)	Cu (%)	Cu (kt)	Pb (%)	Pb (kt)	Zn (%)	Zn (kt)
Jacobina	Brazil	Measured	39.4	-	-	1.71	2170.8	-	-	-	-	-	-
		Indicated	53.7	-	-	1.65	2851.0	-	-	-	-	-	-
El Peñon	Chile	Measured	1.0	138	4.5	3.79	124.4	-	-	-	-	-	-
		Indicated	3.8	91	11.0	2.69	326.6	-	-	-	-	-	-
Minera Florida	Chile	Measured	0.7	16	0.4	3.12	71.5	-	-	-	-	1.42	10.1
		Indicated	3.3	19	2.0	3.17	333.8	-	-	-	-	1.04	33.9
La Bolsa	Mexico	Measured	10.8	10	3.5	0.70	242.8	-	-	-	-	-	-
		Indicated	10.6	8	2.7	0.54	184.3	-	-	-	-	-	-
Lavra Velha	Brazil	Indicated	4.5	-	-	1.96	282.1	-	-	-	-	-	-
Timmins	Canada	Measured	2.0	-	-	2.41	152.6	-	-	-	-	-	-
		Indicated	2.1	-	-	2.28	152.5	-	-	-	-	-	-
Shahuindo	Peru	Measured	9.3	6	1.7	0.34	100.5	-	-	-	-	-	-
		Indicated	7.0	6	1.4	0.36	81.5	-	-	-	-	-	-
Vogel	Canada	Indicated	0.5	-	-	3.60	60.7	-	-	-	-	-	-
Gold River	Canada	Indicated	0.7	-	-	5.29	117.4	-	-	-	-	-	-
Whitney (84.26%) ⁽⁶⁾		Indicated	1.6	-	-	2.83	142.2	-	-	-	-	-	-
Marlhill	Canada	Indicated	0.4	-	-	4.52	57.4	-	-	-	-	-	-
Total Gold Segment⁽⁷⁾			151.3	6	27.3	1.53	7,452.0	-	-	-	-	0.03	44.0
Total Gold and Silver Segments⁽⁷⁾		Measured + Indicated	599.1	59	1,130.6	0.41	7,882.5	0.01	84.4	0.85	5,106.4	1.31	7,861.2

(1) See table below entitled "Metal price assumptions used to estimate mineral reserves and mineral resources as at June 30, 2025".

(2) Mineral resources are reported exclusive of mineral reserves.

(3) This table does not include mineral resources resulting from Pan American's acquisition of MAG, including from Pan American's share of Juanicipio's mineral resources and from the Larder Project.

(4) This table has been updated to reflect the completion of the sale of Pan American's interest in La Pepa on September 22, 2025 and the completion of the sale of Pico Machay on December 24, 2025.

(5) La Colorada Measured and Indicated resources include 0.1 Mt at an average grade of 95 g/t Ag, and 0.17 g/t Au containing 0.2 million ounces of silver and 0.4 thousand ounces of gold that are subject to a net profit share agreement with a third party.

(6) This information represents the portion of mineral resources attributable to Pan American based on its ownership interest in the operating entity as indicated.

(7) Totals may not add up due to rounding. Grades are calculated on total tonnes.

PAN AMERICAN SILVER INFERRED MINERAL RESOURCES

as of June 30, 2025^{1,2,3,4}

Property	Location	Classification	Tonnes (Mt)	Ag (g/t)	Contained Ag (Moz)	Au (g/t)	Contained Au (koz)	Cu (%)	Cu (kt)	Pb (%)	Pb (kt)	Zn (%)	Zn (kt)
Navidad	Argentina	Inferred	45.9	81	119.4	-	-	0.02	9.2	0.57	261.6	-	-
La Colorada ⁽⁵⁾	Mexico	Inferred	15.3	297	146.5	0.27	131.6	-	-	1.93	295.4	3.39	519.7
La Colorada Skarn	Mexico	Inferred	61.7	30	58.6	-	-	-	-	0.95	585.4	2.55	1,572.9
Huaron	Peru	Inferred	6.3	130	26.1	-	-	0.23	14.5	1.31	82.2	2.33	146.3
San Vicente (95%) ⁽⁶⁾	Bolivia	Inferred	1.6	171	8.7	-	-	0.22	3.5	0.28	4.4	2.53	39.8
Escobal	Guatemala	Inferred	1.9	180	10.7	0.90	53.7	-	-	0.22	4.1	0.42	7.8
Cerro Moro	Argentina	Inferred	0.7	164	3.5	6.85	145.7	-	-	-	-	-	-
Manantial Espejo	Argentina	Inferred	0.5	106	1.8	1.49	25.2	-	-	-	-	-	-
Total Silver Segment⁽⁷⁾			133.8	87	375.2	0.08	356.2	0.02	27.2	0.92	1,233.3	1.71	2,286.4
Jacobina	Brazil	Inferred	52.7	-	-	1.78	3,026.5	-	-	-	-	-	-
Gold River	Canada	Inferred	5.3	-	-	6.06	1,027.4	-	-	-	-	-	-
El Peñon	Chile	Inferred	18.4	39	23.1	1.15	676.4	-	-	-	-	-	-
Arco Sul	Brazil	Inferred	6.2	-	-	3.08	614.2	-	-	-	-	-	-
Minera Florida	Chile	Inferred	5.7	16	2.9	2.85	520.0	-	-	-	-	0.71	40.0
Whitney (84.26%) ⁽⁶⁾	Canada	Inferred	5.6	-	-	2.24	405.8	-	-	-	-	-	-
Timmins	Canada	Inferred	5.7	-	-	2.98	546.3	-	-	-	-	-	-
Lavra Velha	Brazil	Inferred	4.7	-	-	1.56	238.0	-	-	-	-	-	-
La Bolsa	Mexico	Inferred	13.7	8	3.3	0.51	224.6	-	-	-	-	-	-
Vogel	Canada	Inferred	1.2	-	-	3.52	135.4	-	-	-	-	-	-
Shahuindo	Peru	Inferred	13.7	2	0.9	0.11	47.3	-	-	-	-	-	-
Total Gold Segment⁽⁷⁾			133.0	7	30.4	1.75	7,461.9	-	-	-	-	0.03	40.0
Total Gold and Silver Segments⁽⁷⁾		Inferred	266.8	47	405.6	0.91	7,818.1	0.01	27.2	0.46	1,233.3	0.87	2,326.5

(1) See table below entitled "Metal price assumptions used to estimate mineral reserves and mineral resources as at June 30, 2025".

(2) Mineral resources are reported exclusive of mineral reserves.

(3) This table does not include mineral resources resulting from Pan American's acquisition of MAG, including from Pan American's share of Juanicipio's mineral resources and from the Larder Project

(4) This table has been updated to reflect the completion of the sale of Pan American's interest in La Pepa on September 22, 2025 and the completion of the sale of Pico Machay on December 24, 2025.

(5) La Colorada Inferred resources include 1.2 Mt at an average grade of 560 g/t Ag and 0.25 g/t Au containing 21.3 million ounces of silver and 9.5 thousand ounces of gold that are subject to a net profit share agreement with a third party.

(6) This information represents the portion of mineral resources attributable to Pan American based on its ownership interest in the operating entity as indicated.

(7) Totals may not add up due to rounding. Grades are calculated on total tonnes.

Mine	Category	Ag US \$/oz	Au US \$/oz	Cu US \$/t	Pb US \$/t	Zn US \$/t
Escobal	All Categories	20.00	1,300		2,204	2,424
La Colorada	Reserves	22.00	1,900		2,100	2,600
	Resources	24.00	2,050		2,200	2,800
La Colorada Skarn	Resources	22.00			2,200	2,800
Huaron	Reserves	22.00		8.000	2,100	2,600
	Resources	24.00		9.000	2,200	2,800
San Vicente	Reserves	22.00		8,000	2,100	2,600
	Resources	24.00		9,000	2,200	2,800
Cerro Moro	Reserves	28.00	2,500			
	Resources	30.00	2,650			
Navidad	All categories	12.52			1,100	
Manantial Espejo	Resources	22.00	1,700			
Jacobina	Reserves		1,900			
	Resources		2,050			
Shahuindo	Reserves	22.00	1,900			
	Resources	24.00	2,050			
El Peñon	Reserves	25.00	2,250			
	Resources	27.00	2,400			
Timmins	Reserves		2,250			
	Resources		2,400			
Whitney	Resources		2,400			
Minera Florida	Reserves	25.00	2,250		2,100	2,600
	Resources	27.00	2,400		2,200	2,800
La Bolsa	All Categories	14.00	825			
Lavra Velha	Resources		1,650			
Vogel	Resources		2,250			
Gold River	Resources		1,200			
Marlhill	Resources		1,125			
Arco Sul	Resources		1,250			

**METAL PRICE ASSUMPTIONS
USED TO ESTIMATE
MINERAL RESERVES & RESOURCES**
as of June 30, 2025

GENERAL NOTES APPLICABLE TO THE FOREGOING TABLES:

All mineral reserves and mineral resources have been estimated in accordance with the *CIM Definition Standards on Mineral Resources and Mineral Reserves*, adopted by the CIM Council, as amended (the "CIM Standards") and reported in accordance with National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("NI 43-101"). Mineral resources are reported exclusives of mineral reserves.

Pan American does not expect these mineral reserve and mineral resource estimates to be materially affected by metallurgical, environmental, permitting, legal, taxation, socio-economic, political, and marketing or other relevant issues.

The Company has undertaken a verification process with respect to the data disclosed in this presentation. The mineral resource and mineral reserves databases comprising drilling and, in some cases, surface and underground sampling, have been compiled at each of the Pan American mine sites by the qualified staff. All the assay data used in the resource evaluation provided by each of the mines has been subjected to the industry standard quality assurance and quality control ("QA/QC") program including the submission of certified standards, blanks, and duplicate samples. The results are reviewed monthly by management. The results of the QA/QC samples submitted for the resource databases demonstrate acceptable accuracy and precision. The Qualified Person is of the opinion that the sample preparation, analytical, and security procedures followed for the samples are sufficient and reliable for the purpose of these mineral resource and mineral reserve estimates. Pan American is not aware of any drilling, sampling, recovery or other factors that could materially affect the accuracy or reliability of the data reported herein.

Quantities and grades of contained metal are shown before metallurgical recoveries.

Technical information contained in this presentation with respect to Pan American has been reviewed and approved by Christopher Emerson, FAusIMM., Senior Vice President Exploration and Geology, Christopher Wright, P. Geo. Vice President Mineral Resources Management, and Martin Wafforn, P.Eng., Senior Vice President Technical Services and Process Optimization, who are each Qualified Persons for the purposes of NI 43-101.

Pan American Silver Corp. is authorized by The Association of Professional Engineers and Geoscientists of the Province of British Columbia to engage in Reserved Practice under Permit to Practice number 1001470

Please refer to the disclosure under the headings "Technical Information" and "Cautionary Note to U.S. Investors Concerning Estimates of Mineral Reserves and Resources" on slide 3 of this presentation.



PAN AMERICAN
— SILVER —

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